

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089396.D
 Acq On : 29 Jul 2016 7:24
 Operator : UM/SJ
 Sample : PB92528BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB92528BS

Quant Time: Jul 29 07:57:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	50112	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	194539	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	79189	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	129146	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	88287	20.00	ng	-0.02
86) Perylene-d12	14.98	264	81045	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.11	112	370116	117.93	ng	0.00
7) Phenol-d6	6.19	99	482953	116.44	ng	-0.01
23) Nitrobenzene-d5	7.11	82	320469	97.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.35	330	79698	121.52	ng	-0.01
44) 2-Fluorobiphenyl	8.89	172	525401	97.37	ng	-0.02
78) Terphenyl-d14	12.62	244	366317	97.11	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.99	88	42884	29.21	ng	# 95
3) Pyridine	2.59	79	105824	34.46	ng	97
4) n-Nitrosodimethylamine	2.56	42	49524	40.60	ng	93
6) Aniline	6.19	93	162499	36.28	ng	95
8) 2-Chlorophenol	6.32	128	139762	39.37	ng	96
9) Benzaldehyde	6.07	77	19658	9.71	ng	95
10) Phenol	6.20	94	180777	39.50	ng	98
11) bis(2-Chloroethyl)ether	6.27	93	145784	37.49	ng	91
12) 1,3-Dichlorobenzene	6.70	146	136809	36.84	ng	98
13) 1,4-Dichlorobenzene	6.55	146	149502	36.48	ng	94
14) 1,2-Dichlorobenzene	6.70	146	150032	39.08	ng	96
15) Benzyl Alcohol	6.68	79	119612	46.47	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.82	45	152014	35.84	ng	95
17) 2-Methylphenol	6.81	107	102112	37.21	ng	97
18) Hexachloroethane	7.04	117	51765	32.95	ng	# 77
19) n-Nitroso-di-n-propylamine	6.96	70	98355	39.33	ng	# 88
20) 3+4-Methylphenols	6.97	107	143052	40.60	ng	# 89
22) Acetophenone	6.95	105	205653	44.40	ng	# 95
24) Nitrobenzene	7.12	77	138927	37.04	ng	89
25) Isophorone	7.36	82	273773	41.24	ng	96
26) 2-Nitrophenol	7.44	139	72914	43.48	ng	# 91
27) 2,4-Dimethylphenol	7.50	122	122755	45.95	ng	98
28) bis(2-Chloroethoxy)methane	7.59	93	183227	49.86	ng	100
29) 2,4-Dichlorophenol	7.69	162	110402	45.35	ng	96
30) 1,2,4-Trichlorobenzene	7.76	180	118931	42.82	ng	94
31) Naphthalene	7.84	128	404038	41.94	ng	100
32) Benzoic acid	7.66	122	63805	34.27	ng	98
33) 4-Chloroaniline	7.90	127	109046	29.73	ng	# 91
34) Hexachlorobutadiene	7.95	225	62030	38.99	ng	99
35) Caprolactam	8.27	113	31733	43.19	ng	98
36) 4-Chloro-3-methylphenol	8.40	107	123569	42.71	ng	99
37) 2-Methylnaphthalene	8.52	142	253193	43.62	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	112621	40.64	ng	99
40) Hexachlorocyclopentadiene	8.68	237	18418	29.63	ng	98

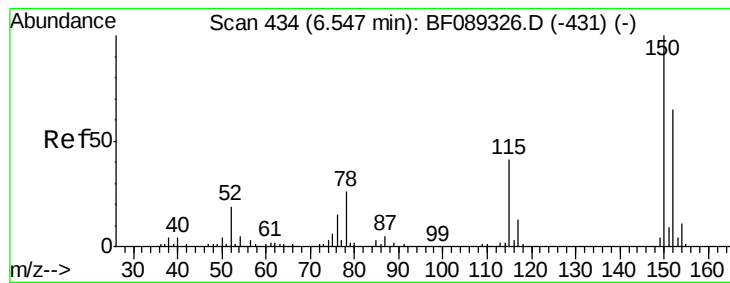
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
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 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	65648	49.83	ng	97
43) 2,4,5-Trichlorophenol	8.87	196	73342	43.95	ng	96
45) 1,1'-Biphenyl	8.99	154	319312	47.36	ng	97
46) 2-Chloronaphthalene	9.02	162	233608	46.13	ng	94
47) 2-Nitroaniline	9.12	65	74350	49.58	ng	# 80
48) Acenaphthylene	9.42	152	340625	42.71	ng	99
49) Dimethylphthalate	9.30	163	266279	44.18	ng	99
50) 2,6-Dinitrotoluene	9.37	165	52781	42.62	ng	# 78
51) Acenaphthene	9.59	154	189974	40.79	ng	99
52) 3-Nitroaniline	9.53	138	49708	38.04	ng	# 78
53) 2,4-Dinitrophenol	9.66	184	15041	37.84	ng	95
54) Dibenzofuran	9.77	168	291243	45.89	ng	94
55) 4-Nitrophenol	9.76	139	190161	281.87	ng	# 12
56) 2,4-Dinitrotoluene	9.77	165	72361	44.39	ng	# 74
57) Fluorene	10.10	166	220456	39.79	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	48258	43.31	ng	92
59) Diethylphthalate	10.00	149	280573	45.92	ng	98
60) 4-Chlorophenyl-phenylether	10.10	204	111073	43.71	ng	# 85
61) 4-Nitroaniline	10.15	138	46503	34.52	ng	90
62) Azobenzene	10.26	77	292282	46.45	ng	91
64) 4,6-Dinitro-2-methylphenol	10.18	198	15441	22.36	ng	92
65) n-Nitrosodiphenylamine	10.23	169	211489	52.48	ng	99
66) 4-Bromophenyl-phenylether	10.59	248	58884	47.76	ng	# 88
67) Hexachlorobenzene	10.65	284	59234	46.88	ng	# 81
68) Atrazine	10.75	200	57074	46.10	ng	94
69) Pentachlorophenol	10.84	266	52819	85.80	ng	99
70) Phenanthrene	11.05	178	289089	43.40	ng	99
71) Anthracene	11.11	178	332935	44.96	ng	99
72) Carbazole	11.27	167	279672	44.86	ng	98
73) Di-n-butylphthalate	11.61	149	392958	46.98	ng	99
74) Fluoranthene	12.23	202	277304	39.58	ng	95
76) Benzidine	12.37	184	150265	46.06	ng	96
77) Pyrene	12.46	202	290045	43.35	ng	99
79) Butylbenzylphthalate	13.09	149	138836	45.64	ng	# 81
80) Benzo(a)anthracene	13.65	228	237959	47.76	ng	99
81) 3,3'-Dichlorobenzidine	13.61	252	82579	46.06	ng	# 97
82) Chrysene	13.68	228	251625	47.45	ng	98
83) Bis(2-ethylhexyl)phthalate	13.66	149	203505	46.28	ng	# 98
84) Di-n-octyl phthalate	14.26	149	329688	48.05	ng	98
85) Indeno(1,2,3-cd)pyrene	16.18	276	184327	48.88	ng	100
87) Benzo(b)fluoranthene	14.66	252	443365	88.09	ng	98
88) Benzo(k)fluoranthene	14.66	252	443826	95.91	ng	# 96
89) Benzo(a)pyrene	14.94	252	201406	44.61	ng	# 95
90) Dibenzo(a,h)anthracene	16.18	278	158445	44.55	ng	98
91) Benzo(g,h,i)perylene	16.53	276	145897	41.73	ng	99

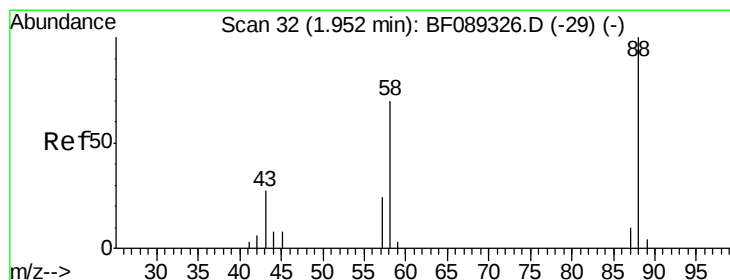
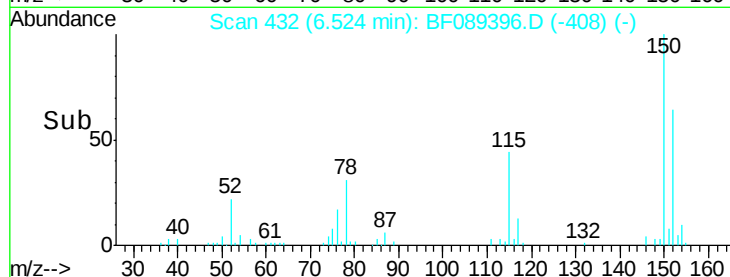
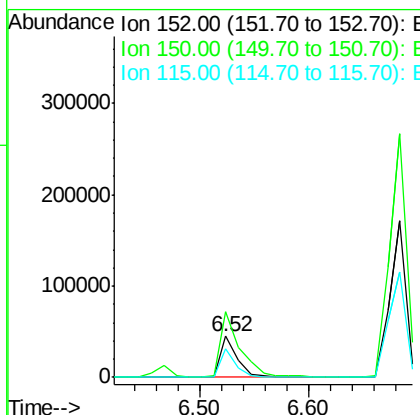
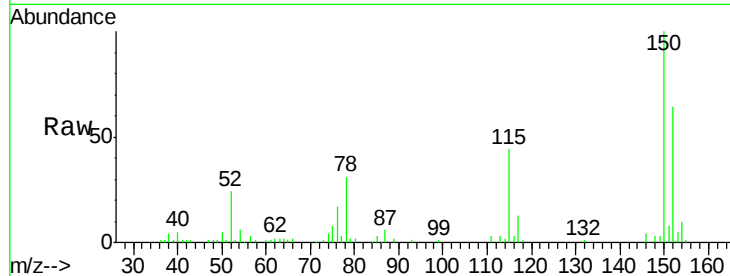
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.52 min Scan# 432
 Delta R.T. -0.02 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

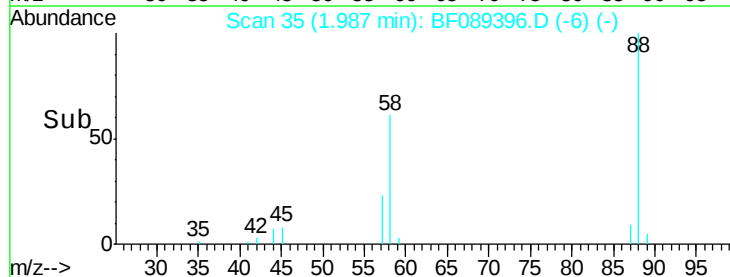
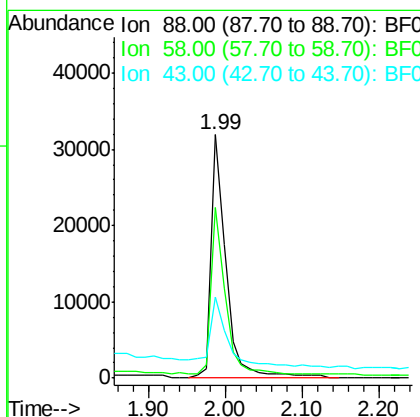
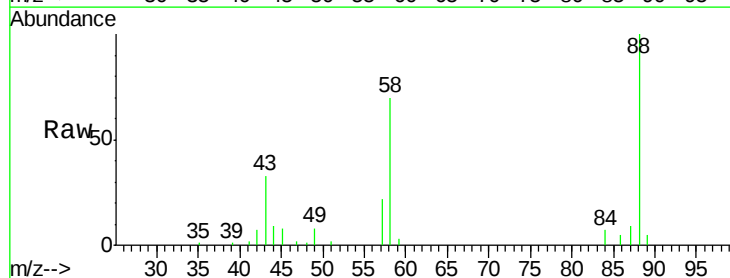
Instrument :
 BNA_F
 ClientSampleId :
 PB92528BS

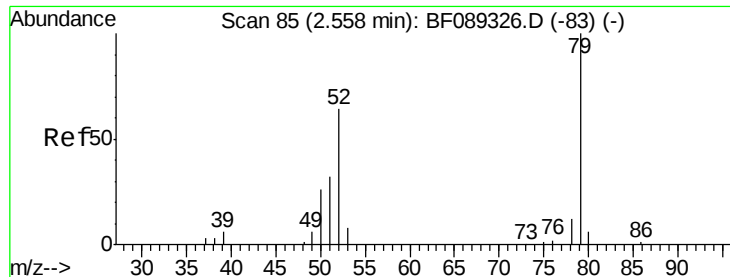
Tgt Ion:152 Resp: 50112
 Ion Ratio Lower Upper
 152 100
 150 157.5 129.5 194.3
 115 69.9 51.4 77.2



#2
 1,4-Dioxane
 Concen: 29.21 ng
 RT: 1.99 min Scan# 35
 Delta R.T. 0.03 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Tgt Ion: 88 Resp: 42884
 Ion Ratio Lower Upper
 88 100
 58 64.3 53.2 79.8
 43 31.3 20.6 31.0#





#3

Pyridine

Concen: 34.46 ng

RT: 2.59 min Scan# 88

Delta R.T. 0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

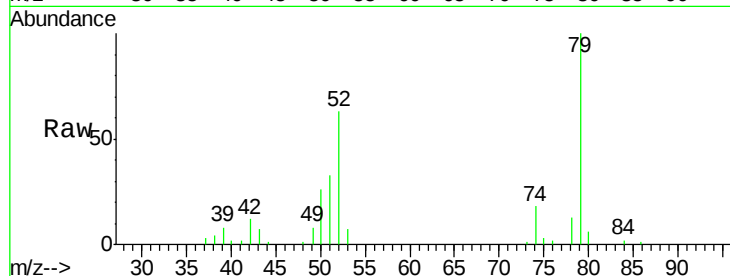
Tgt Ion: 79 Resp: 105824

Ion Ratio Lower Upper

79 100

52 62.6 51.9 77.9

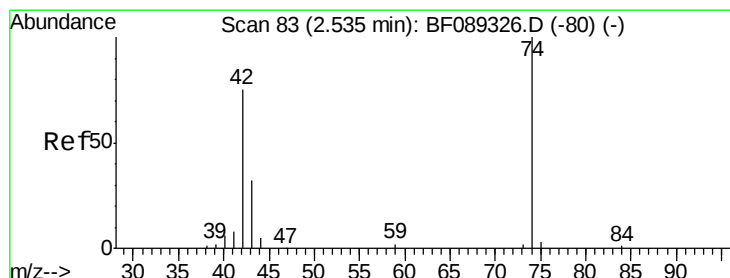
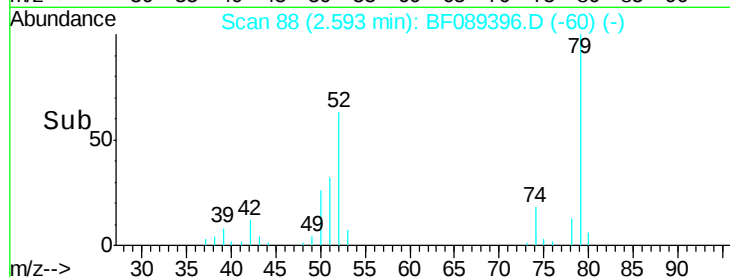
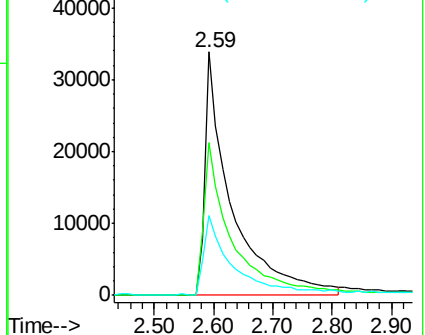
51 32.9 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.60 ng

RT: 2.56 min Scan# 85

Delta R.T. 0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

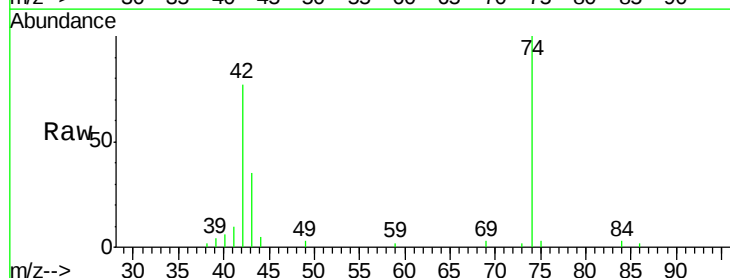
Tgt Ion: 42 Resp: 49524

Ion Ratio Lower Upper

42 100

74 130.0 110.8 166.2

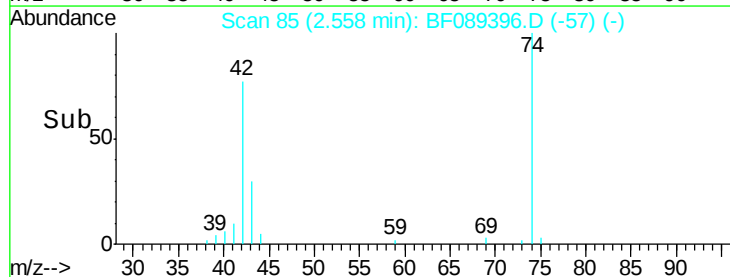
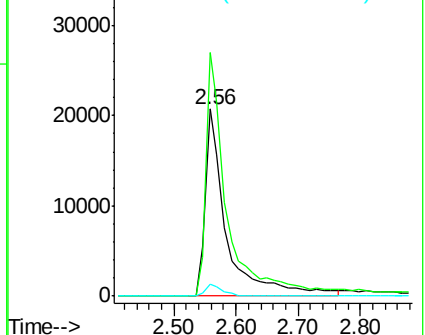
44 6.5 5.2 7.8

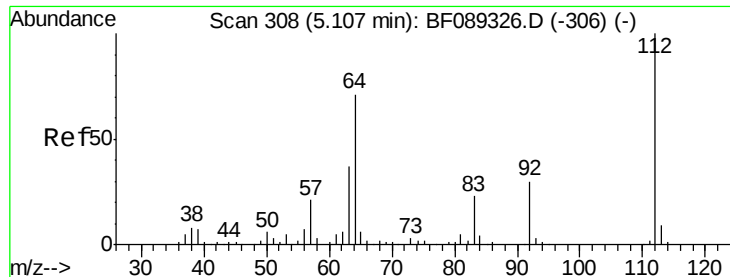


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 117.93 ng

RT: 5.11 min Scan# 308

Delta R.T. 0.00 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

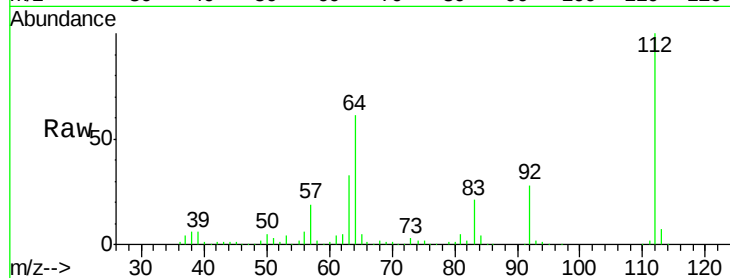
Tgt Ion: 112 Resp: 370116

Ion Ratio Lower Upper

112 100

64 61.3 55.0 82.6

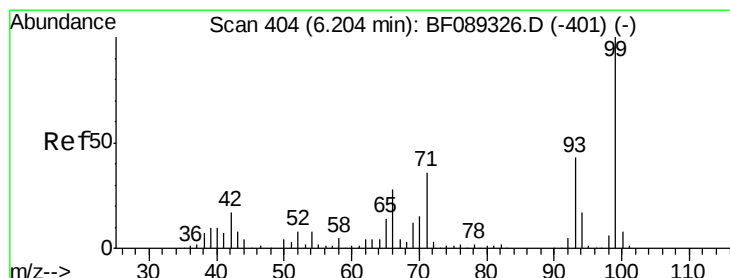
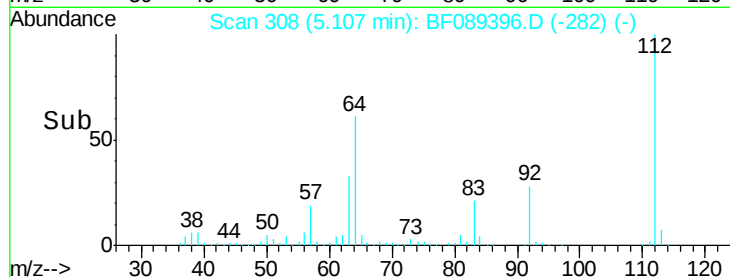
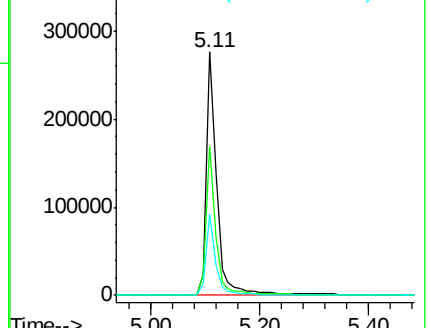
63 33.3 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.28 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

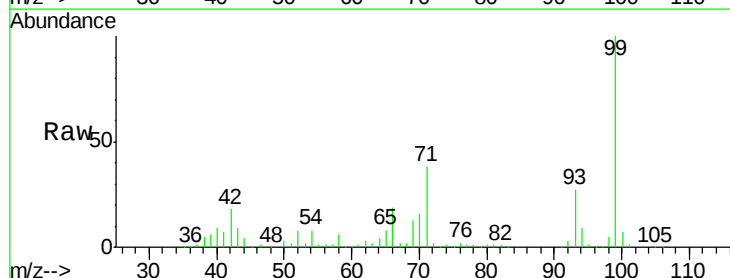
Tgt Ion: 93 Resp: 162499

Ion Ratio Lower Upper

93 100

66 70.8 51.6 77.4

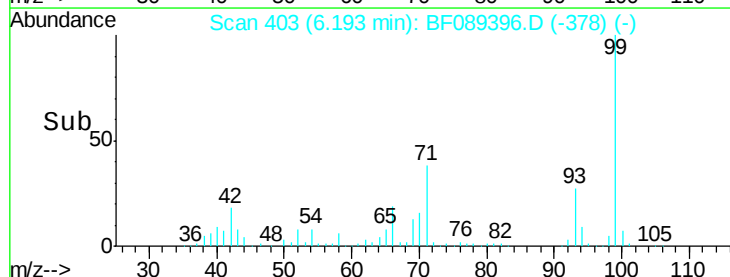
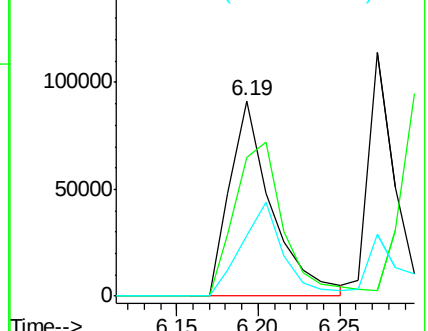
65 30.8 24.7 37.1

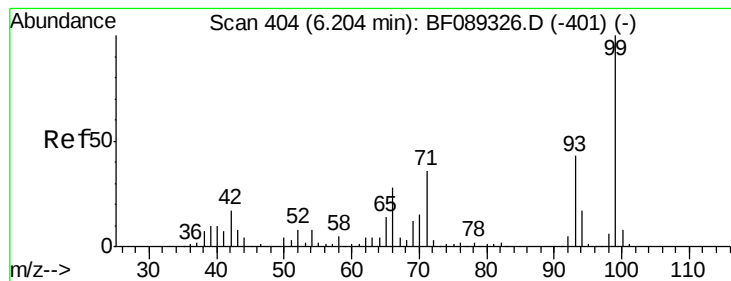


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.44 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

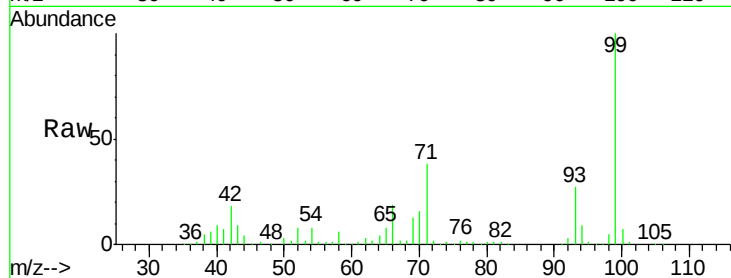
Tgt Ion: 99 Resp: 482953

Ion Ratio Lower Upper

99 100

42 18.3 13.6 20.4

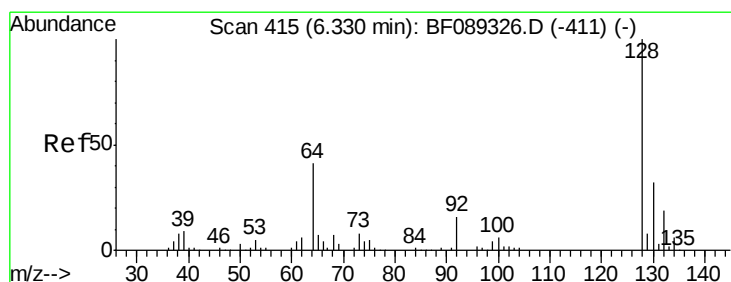
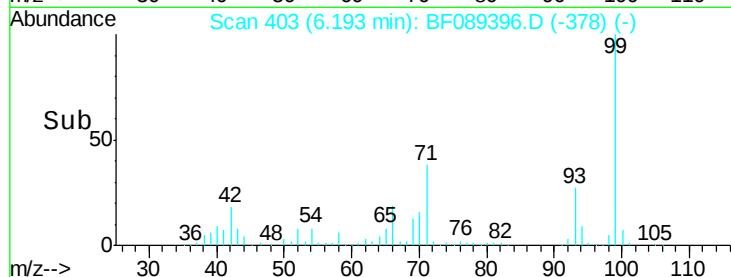
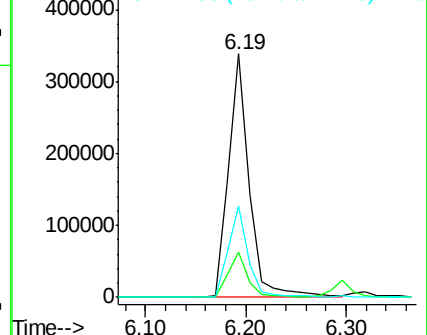
71 37.6 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.37 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

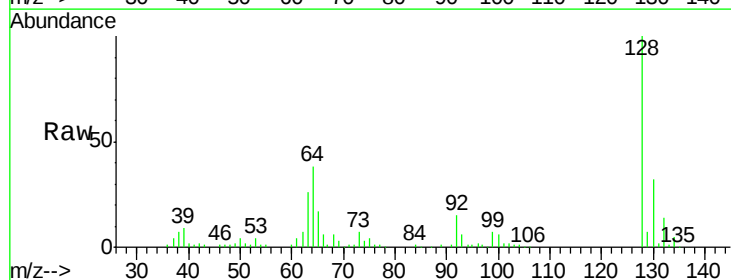
Tgt Ion: 128 Resp: 139762

Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

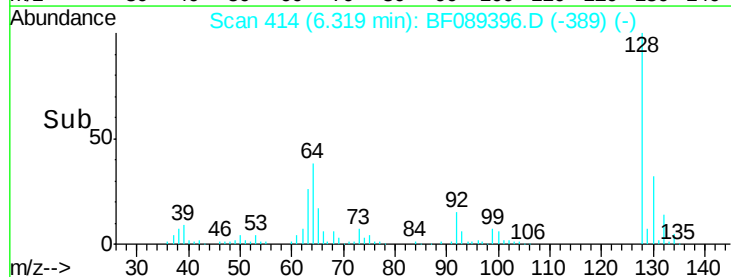
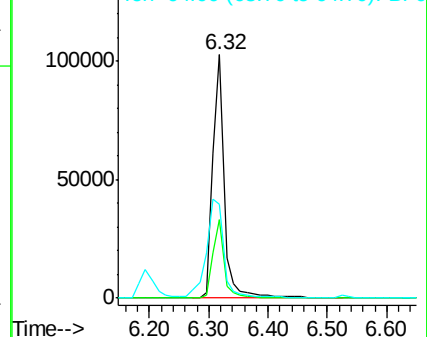
64 38.3 22.1 62.1

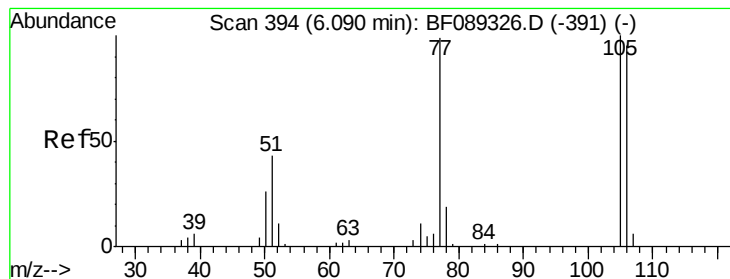


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.71 ng

RT: 6.07 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

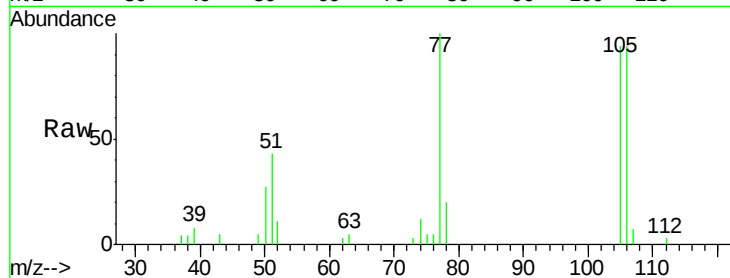
Tgt Ion: 77 Resp: 19658

Ion Ratio Lower Upper

77 100

105 94.1 82.9 122.9

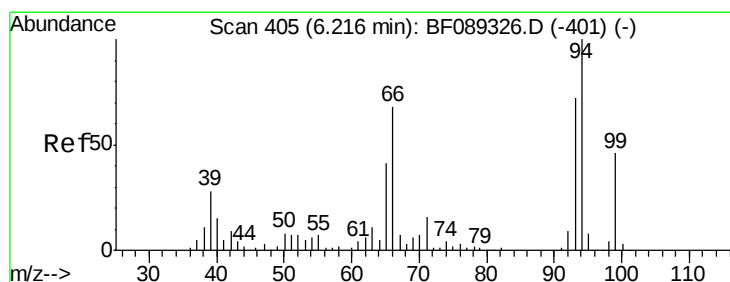
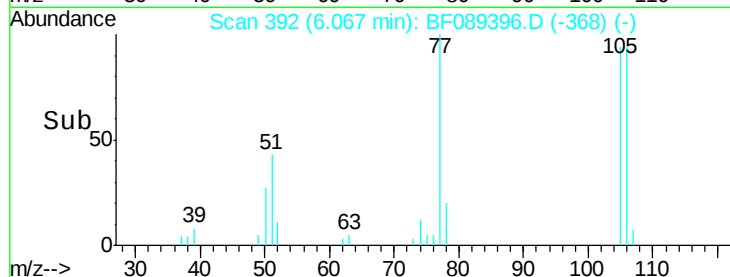
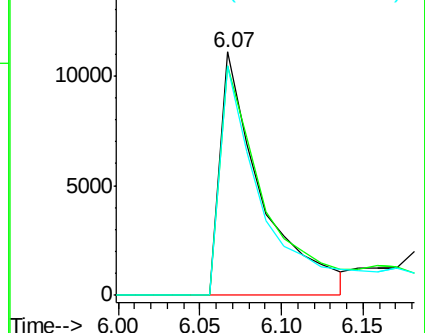
106 94.1 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.50 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

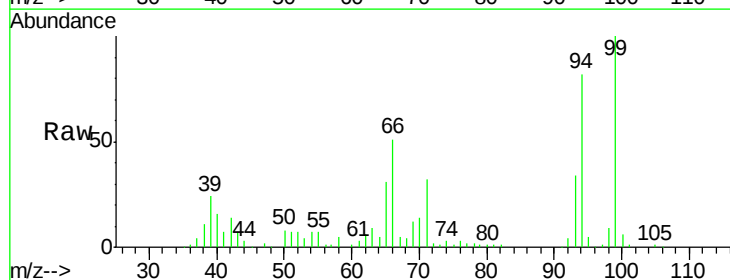
Tgt Ion: 94 Resp: 180777

Ion Ratio Lower Upper

94 100

65 38.2 19.1 59.1

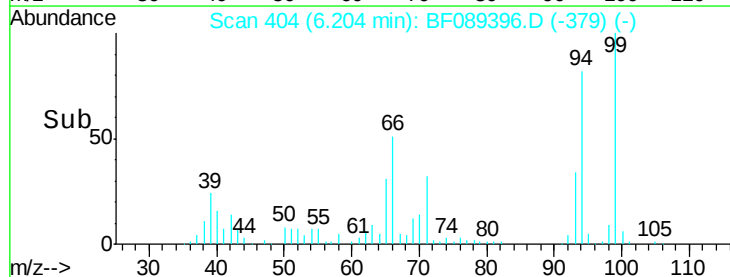
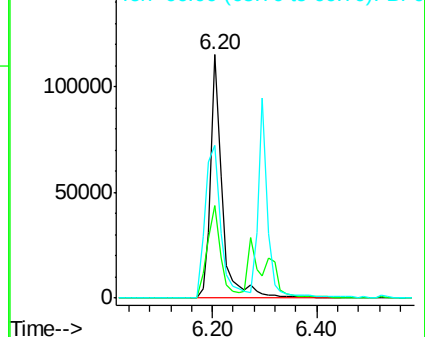
66 62.5 44.4 84.4

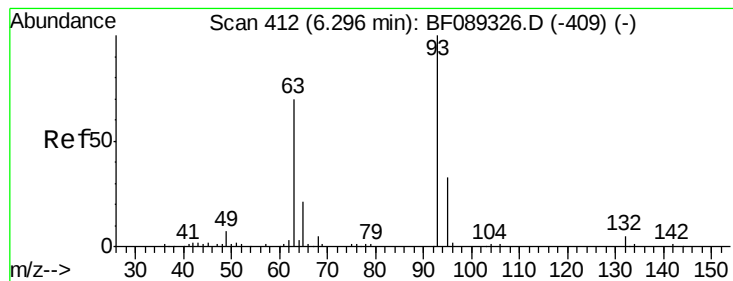


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.49 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

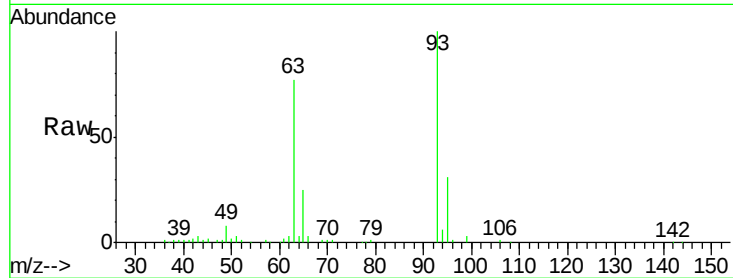
Tgt Ion: 93 Resp: 145784

Ion Ratio Lower Upper

93 100

63 76.5 45.6 85.6

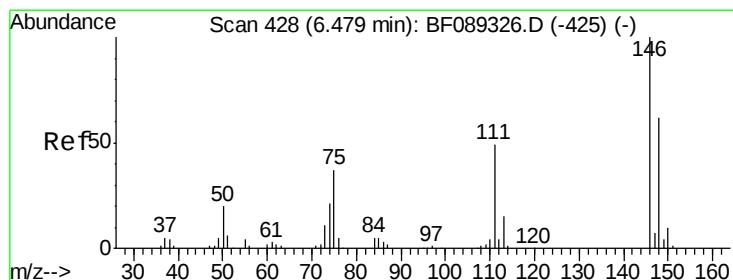
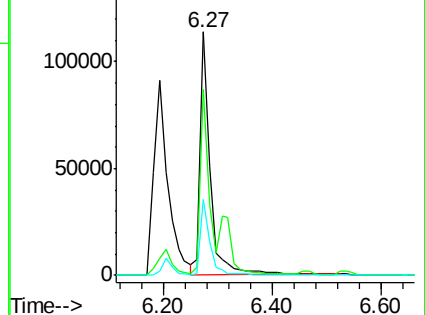
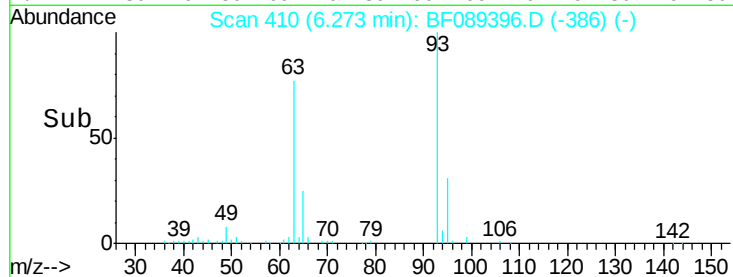
95 31.2 11.1 51.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.84 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.22 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

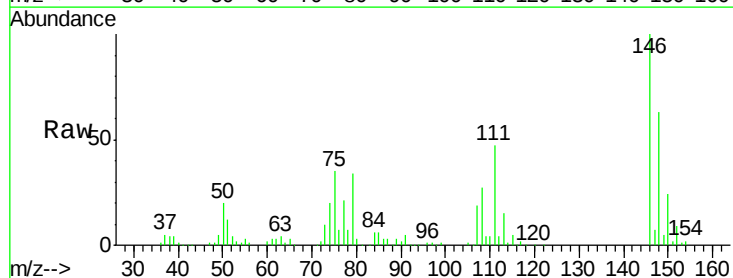
Tgt Ion: 146 Resp: 136809

Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

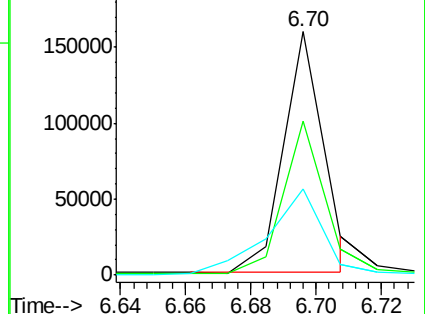
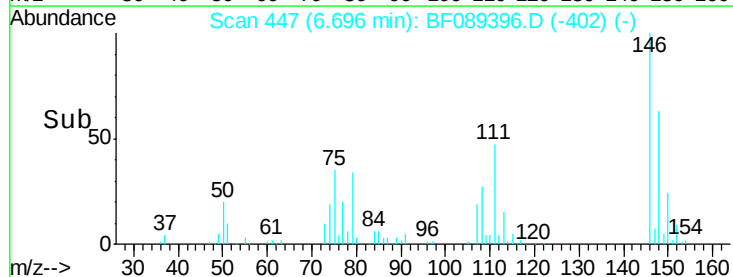
75 35.2 30.0 45.0

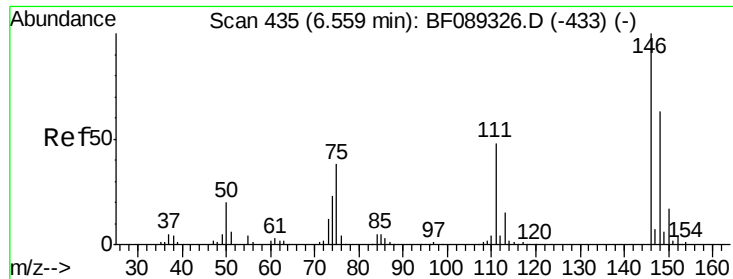


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

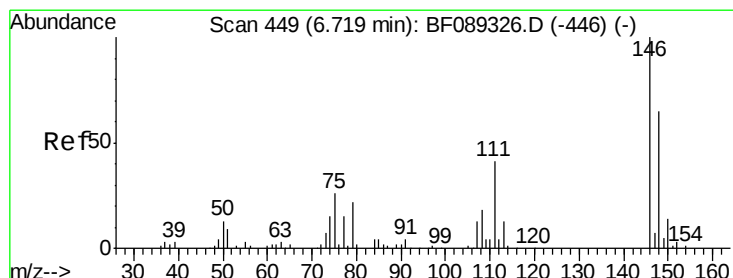
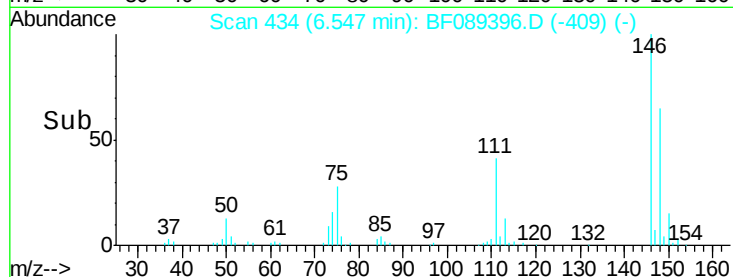
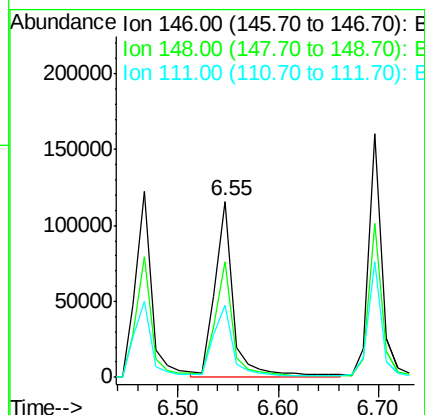
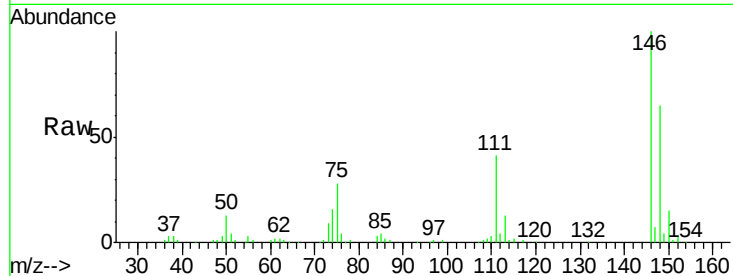




#13
 1,4-Dichlorobenzene
 Concen: 36.48 ng
 RT: 6.55 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

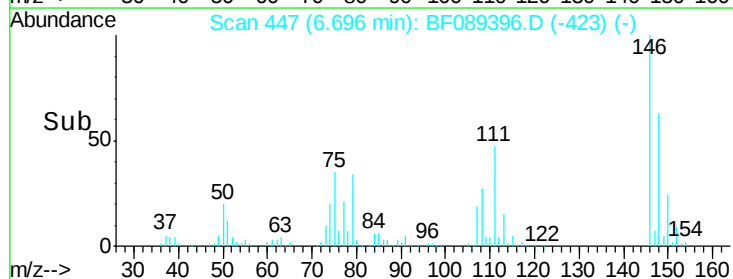
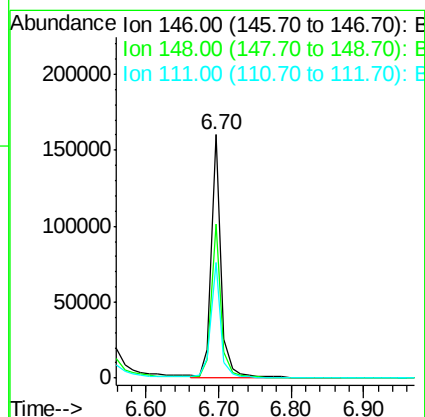
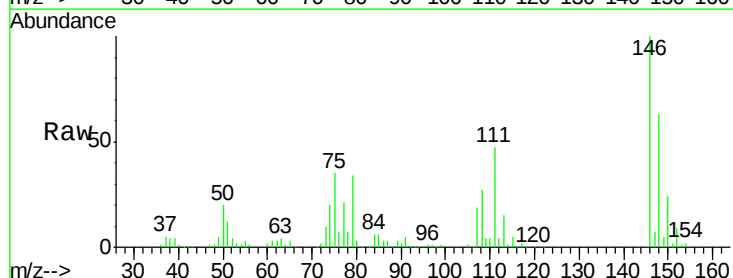
Instrument :
 BNA_F
 ClientSampleId :
 PB92528BS

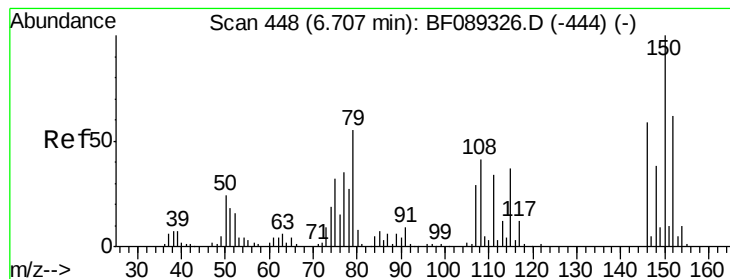
Tgt Ion:146 Resp: 149502
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.8 76.2
 111 40.9 38.6 57.8



#14
 1,2-Dichlorobenzene
 Concen: 39.08 ng
 RT: 6.70 min Scan# 447
 Delta R.T. -0.02 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Tgt Ion:146 Resp: 150032
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.4 75.6
 111 47.3 33.0 49.4





#15

Benzyl Alcohol

Concen: 46.47 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

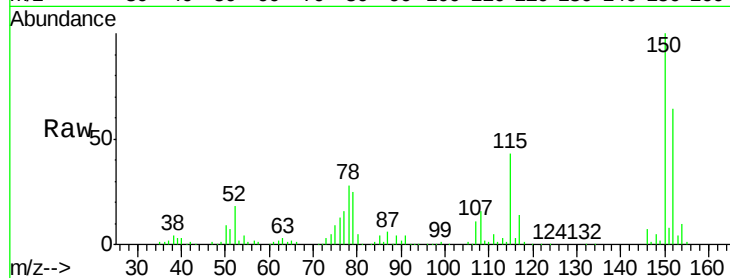
Tgt Ion: 79 Resp: 119612

Ion Ratio Lower Upper

79 100

108 64.3 59.8 89.6

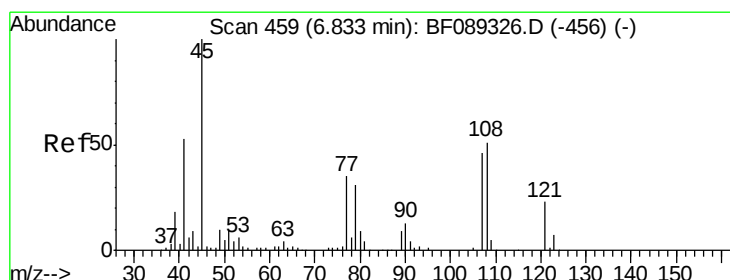
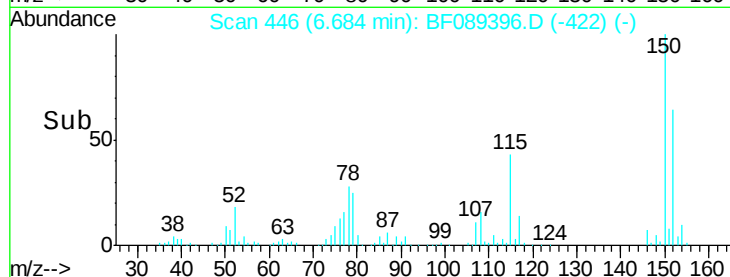
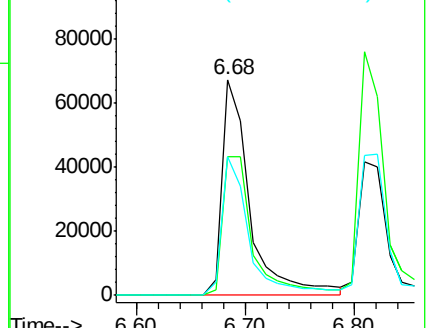
77 64.3 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.84 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

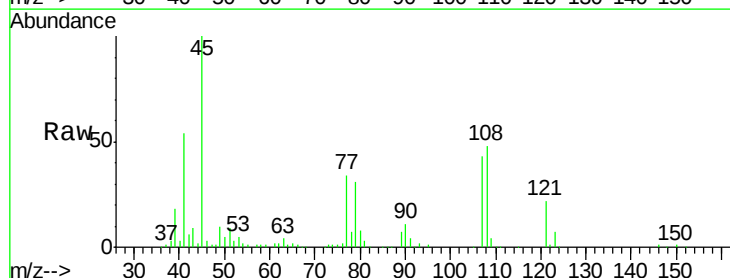
Tgt Ion: 45 Resp: 152014

Ion Ratio Lower Upper

45 100

77 34.5 17.3 57.3

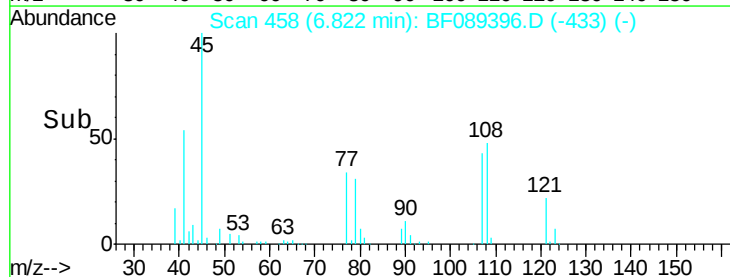
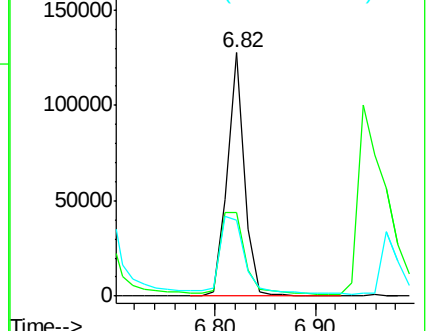
79 31.4 13.9 53.9

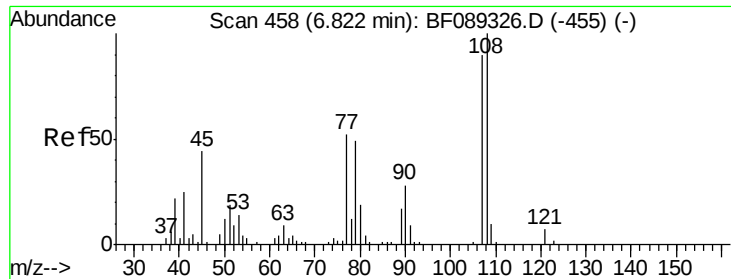


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

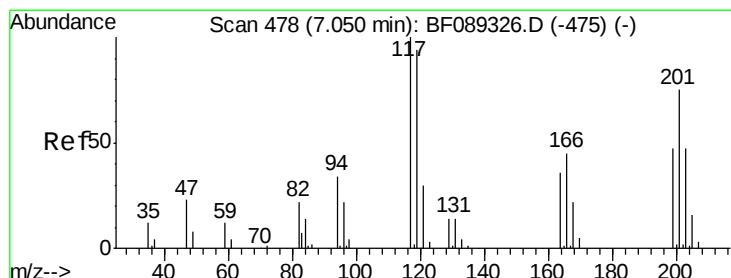
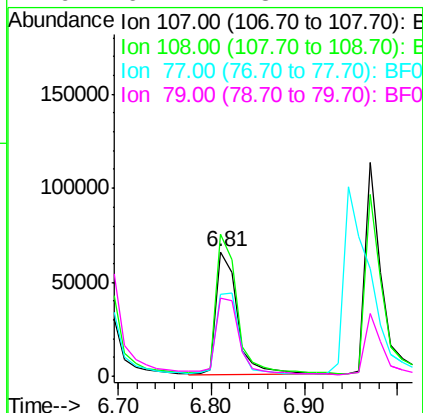
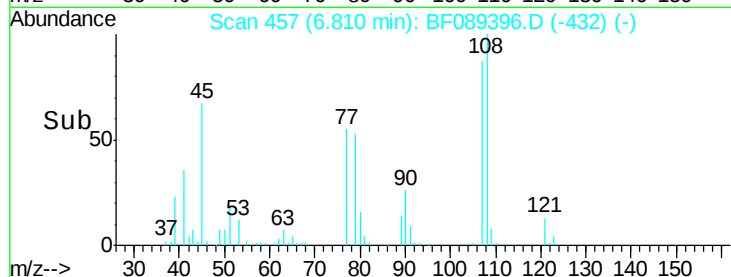
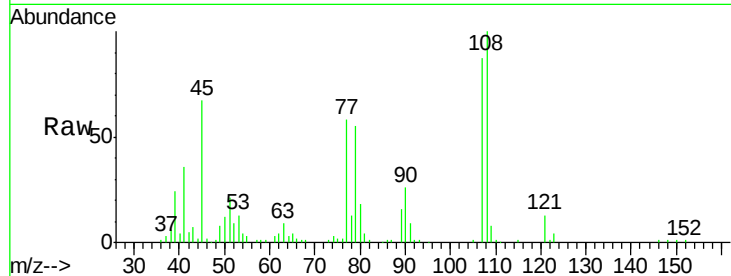




#17
2-Methylphenol
Concen: 37.21 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF089396.D
Acq: 29 Jul 2016 7:24

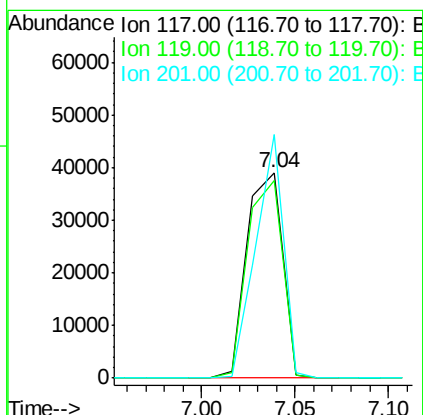
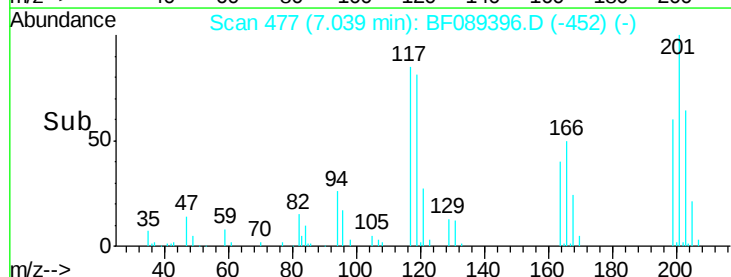
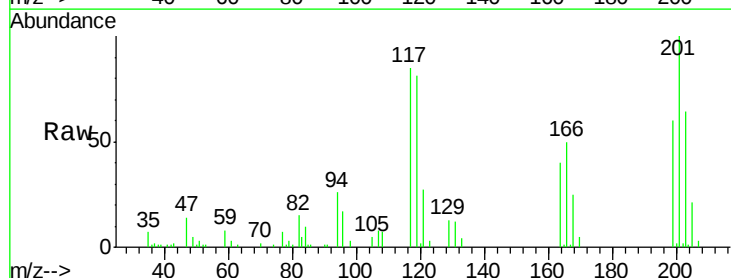
Instrument :
BNA_F
ClientSampleId :
PB92528BS

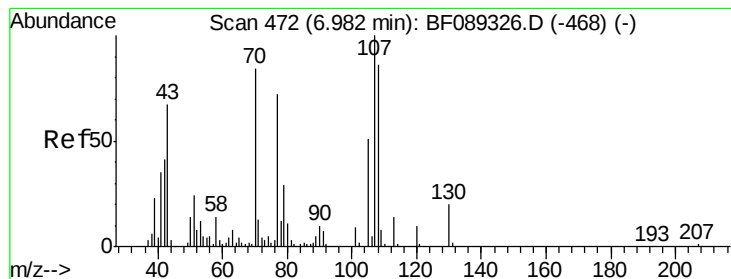
Tgt Ion:107 Resp: 102112
Ion Ratio Lower Upper
107 100
108 114.3 91.4 137.0
77 66.0 48.6 73.0
79 62.7 48.2 72.4



#18
Hexachloroethane
Concen: 32.95 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF089396.D
Acq: 29 Jul 2016 7:24

Tgt Ion:117 Resp: 51765
Ion Ratio Lower Upper
117 100
119 95.8 76.0 114.0
201 118.3 60.0 90.0#





#19

n-Nitroso-di-n-propylamine

Concen: 39.33 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

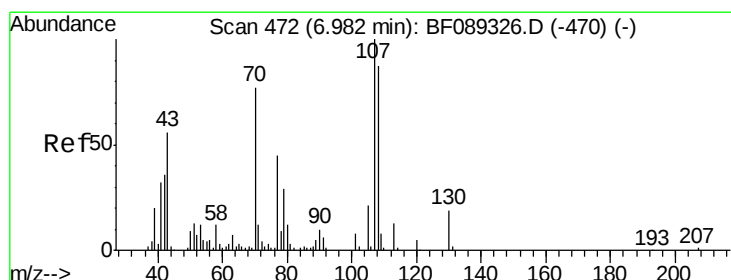
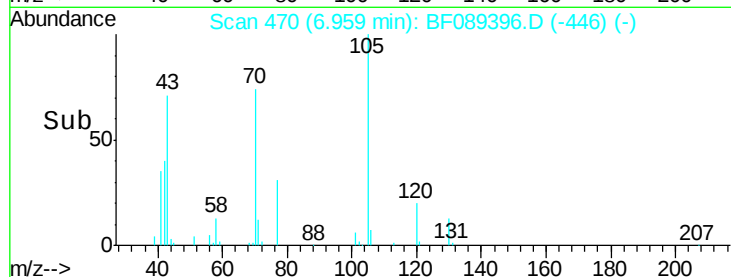
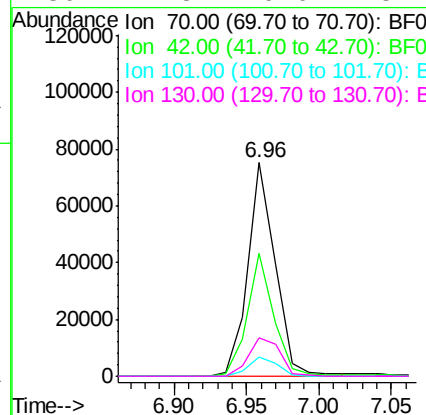
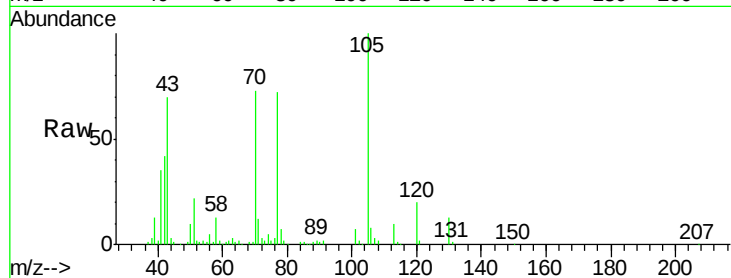
Instrument :

BNA_F

ClientSampleId :

PB92528BS

Tgt Ion:	70	Resp:	98355
Ion Ratio	Lower	Upper	
70	100		
42	57.7	38.6	57.8
101	9.3	8.3	12.5
130	17.8	19.0	28.4#



#20

3+4-Methylphenols

Concen: 40.60 ng

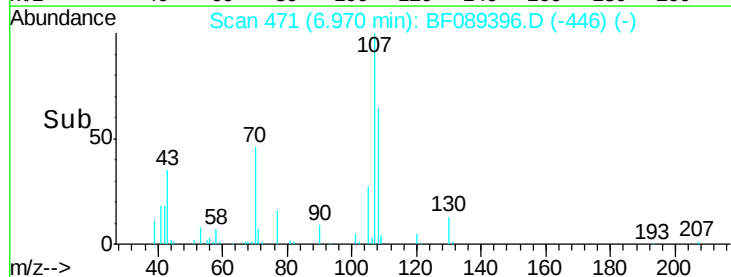
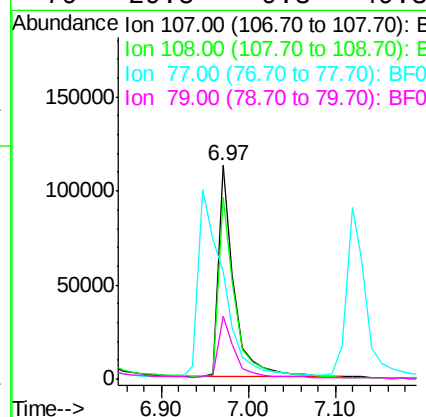
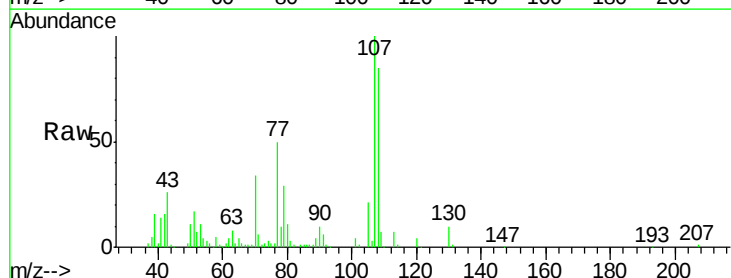
RT: 6.97 min Scan# 471

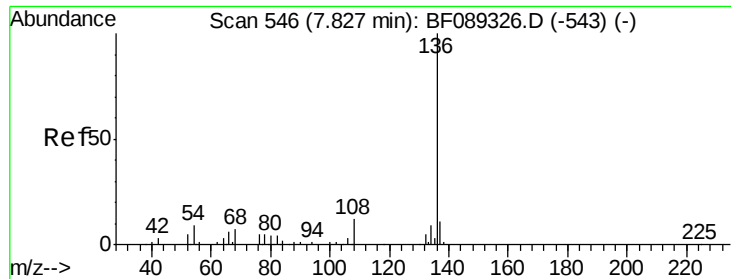
Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Tgt Ion:	107	Resp:	143052
Ion Ratio	Lower	Upper	
107	100		
108	85.2	63.3	103.3
77	50.1	51.1	91.1#
79	29.5	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

Tgt Ion:136 Resp: 194539

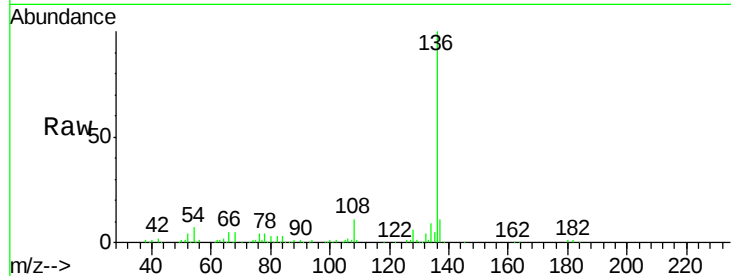
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 6.8 7.0 10.4#

68 5.3 4.9 7.3

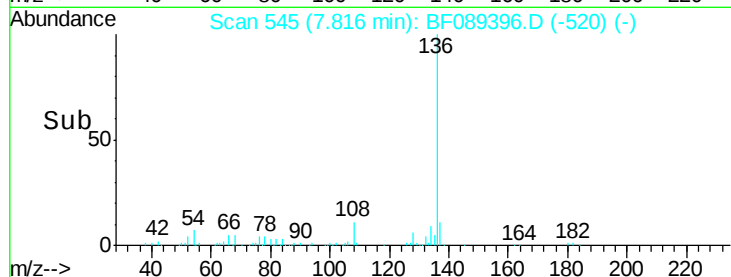


Abundance Ion 136.00 (135.70 to 136.70): E

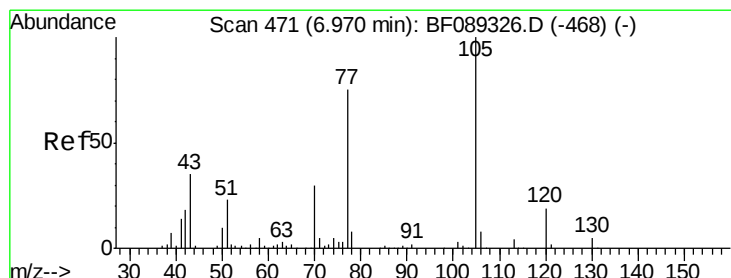
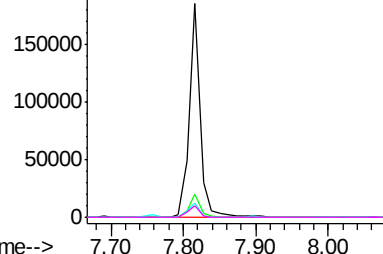
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 44.40 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Tgt Ion:105 Resp: 205653

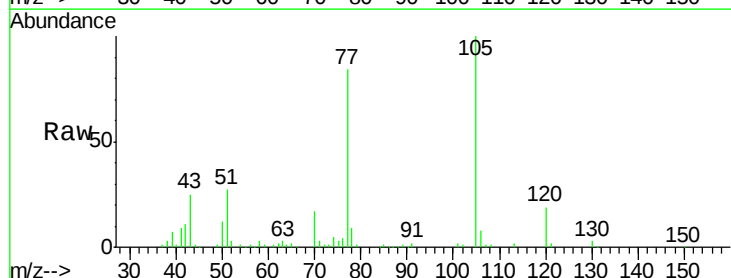
Ion Ratio Lower Upper

105 100

71 2.9 4.2 6.2#

51 27.2 18.7 28.1

120 19.0 15.8 23.6

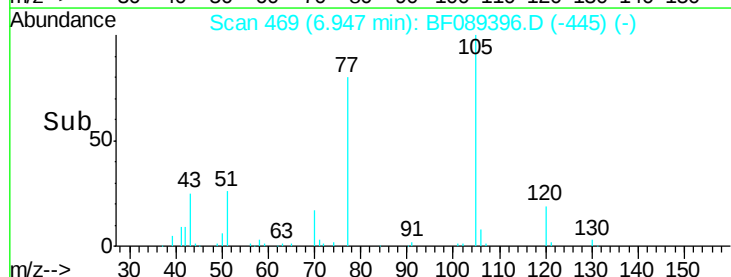


Abundance Ion 105.00 (104.70 to 105.70): E

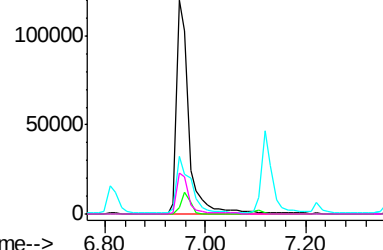
Ion 71.00 (70.70 to 71.70): BF0

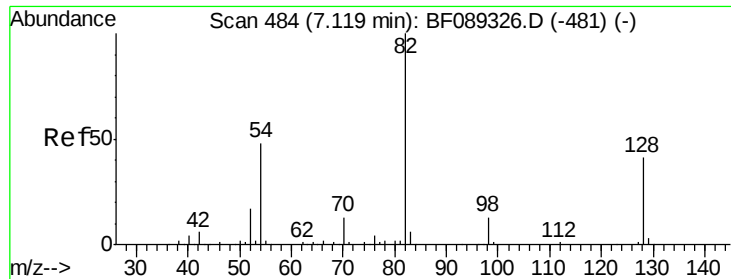
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

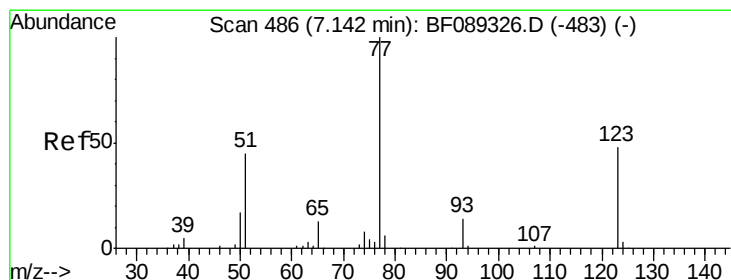
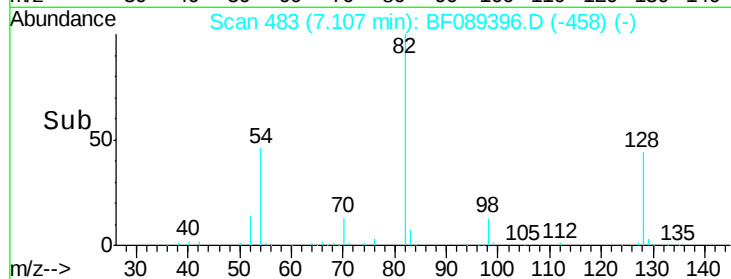
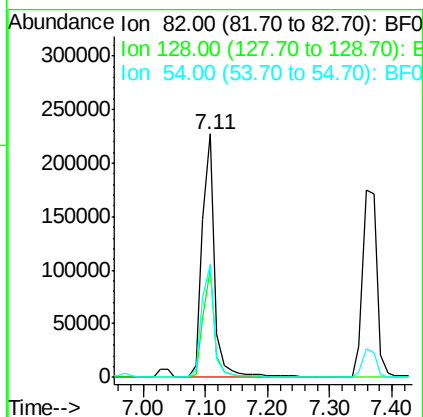
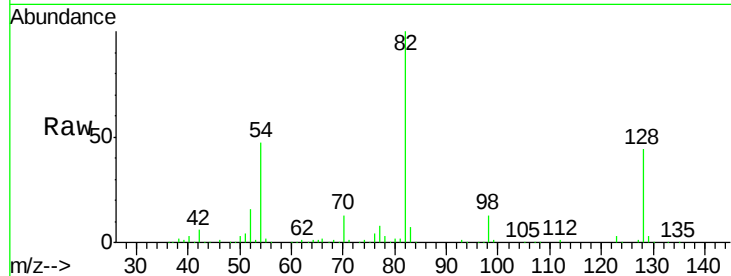




#23
 Nitrobenzene-d5
 Concen: 97.23 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

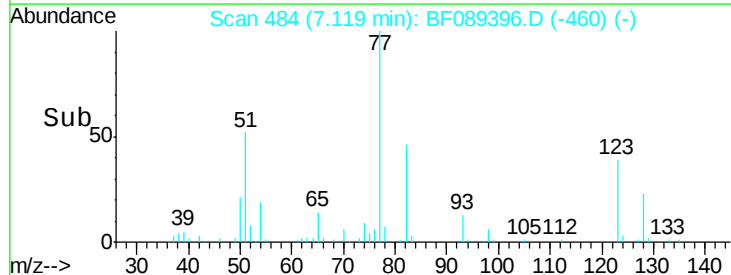
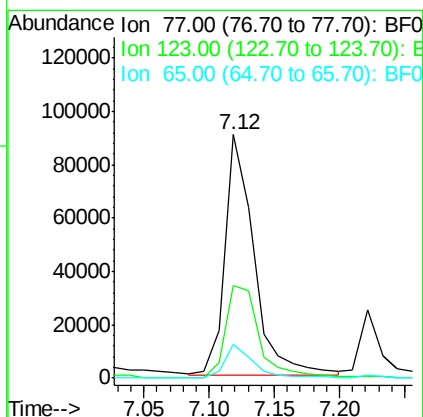
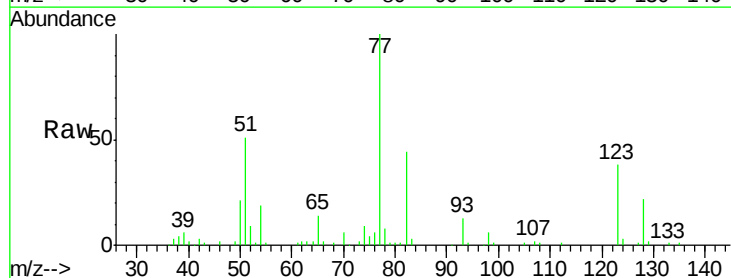
Instrument :
 BNA_F
 ClientSampleId :
 PB92528BS

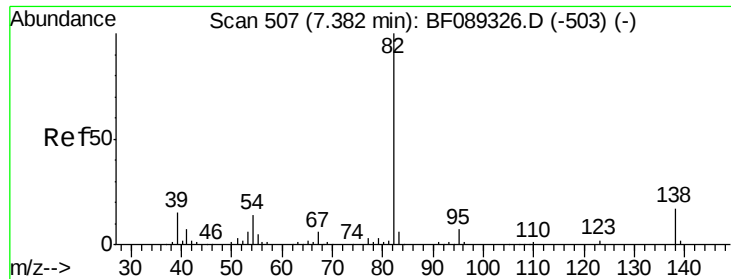
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.2	32.5	48.7
54	46.5	38.8	58.2



#24
 Nitrobenzene
 Concen: 37.04 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.9	37.2	55.8
65	13.9	10.2	15.4





#25

Isophorone

Concen: 41.24 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

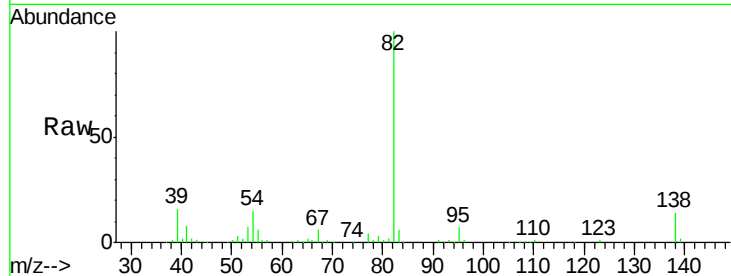
Tgt Ion: 82 Resp: 273773

Ion Ratio Lower Upper

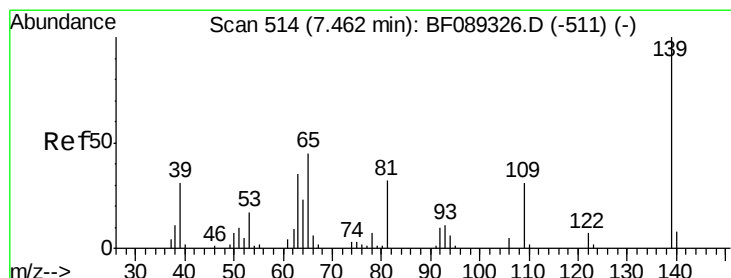
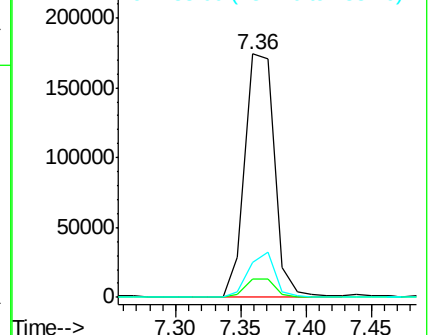
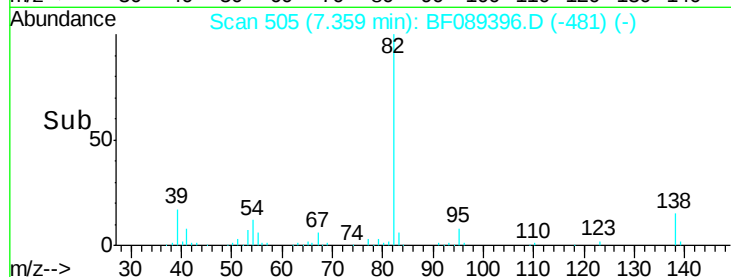
82 100

95 7.3 6.0 9.0

138 14.5 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.48 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

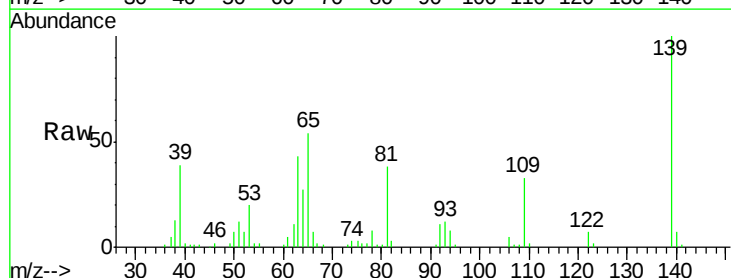
Tgt Ion: 139 Resp: 72914

Ion Ratio Lower Upper

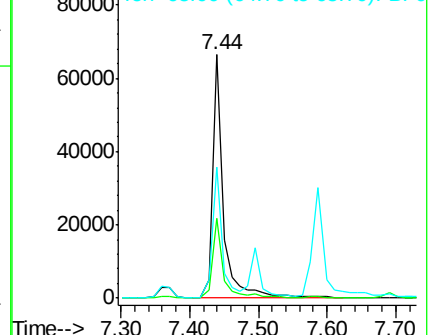
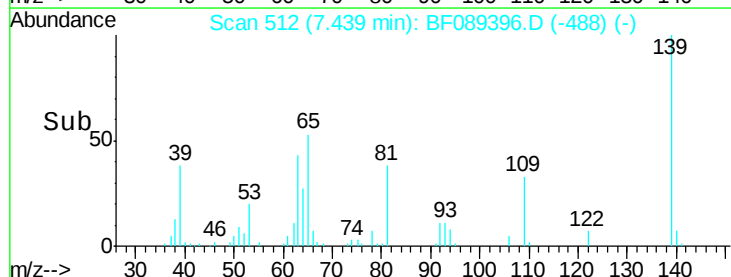
139 100

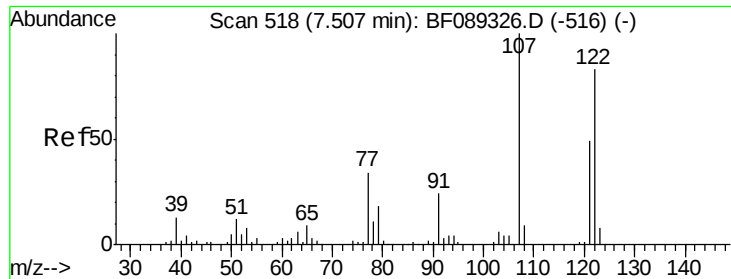
109 32.5 25.8 38.8

65 53.6 35.2 52.8#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

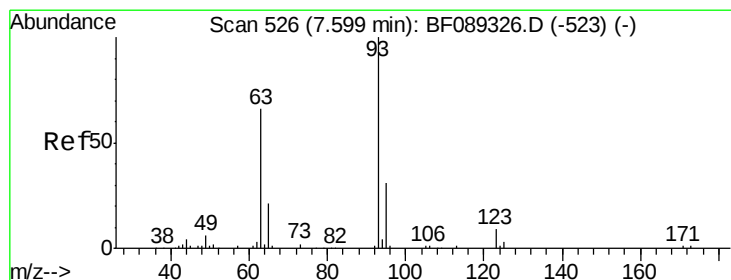
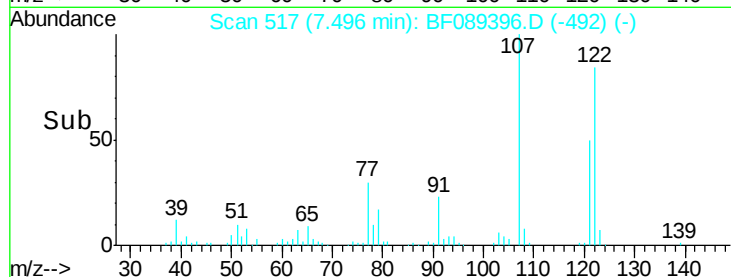
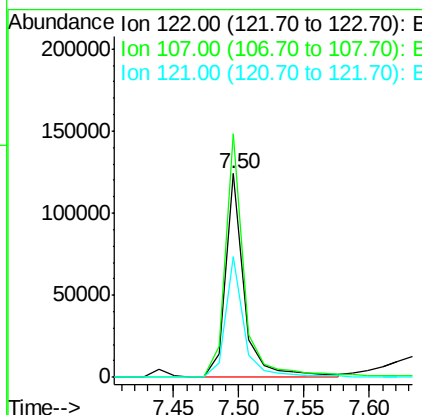
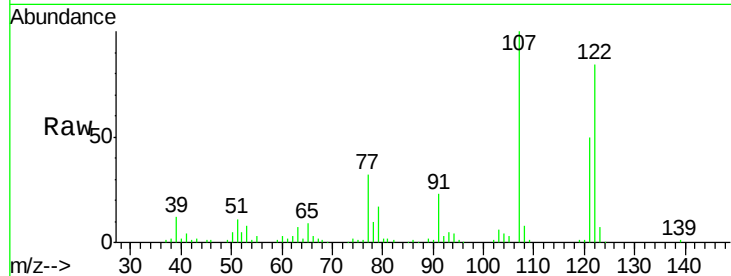




#27
 2,4-Dimethylphenol
 Concen: 45.95 ng
 RT: 7.50 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

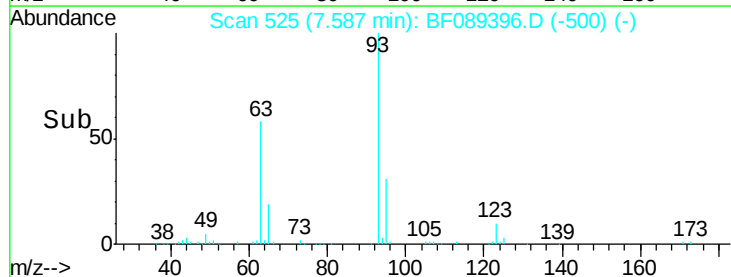
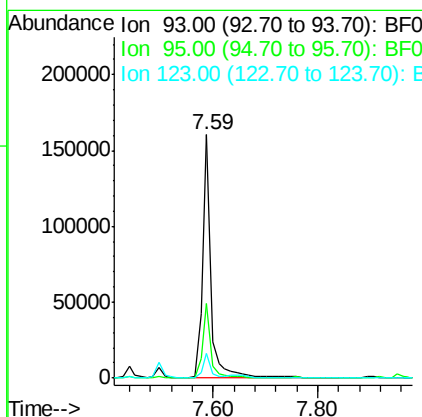
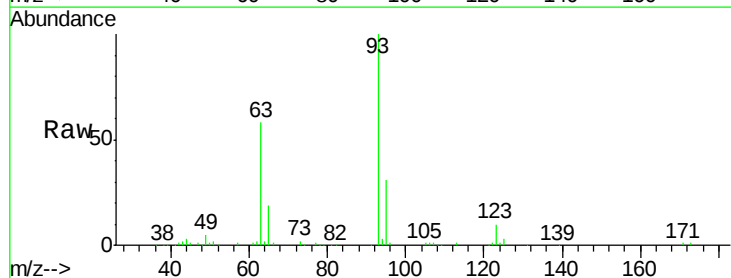
Instrument :
 BNA_F
 ClientSampleId :
 PB92528BS

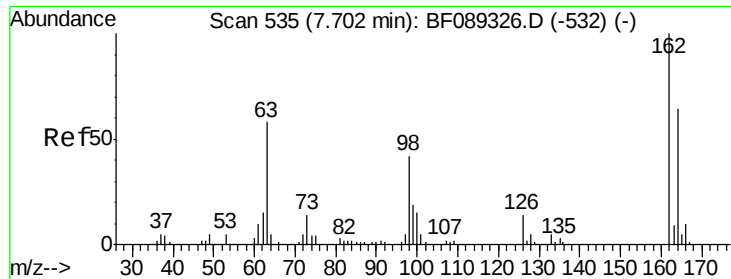
Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.6	97.2	145.8
121	59.4	48.8	73.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.86 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.9	24.7	37.1
123	10.1	7.5	11.3

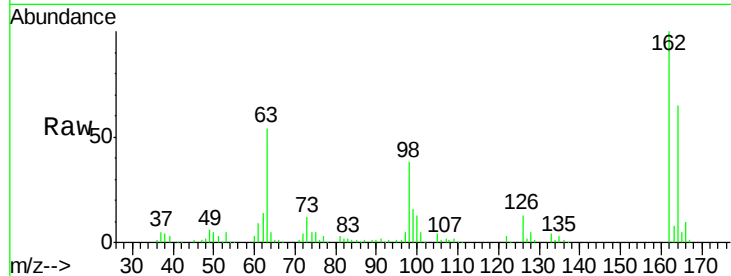




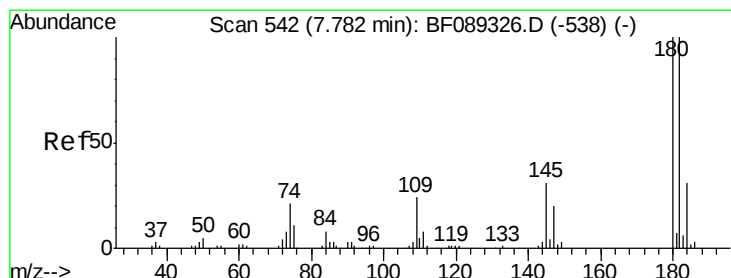
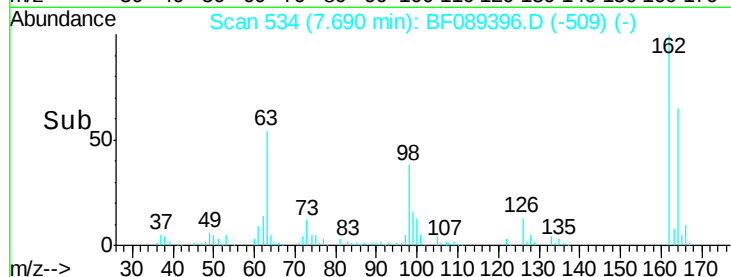
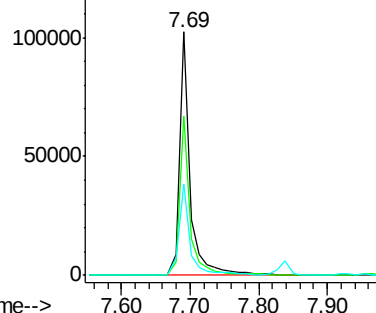
#29
2,4-Dichlorophenol
Concen: 45.35 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF089396.D
Acq: 29 Jul 2016 7:24

Instrument :
BNA_F
ClientSampleId :
PB92528BS

Tgt Ion:162 Resp: 110402
Ion Ratio Lower Upper
162 100
164 65.5 44.0 84.0
98 37.7 21.8 61.8

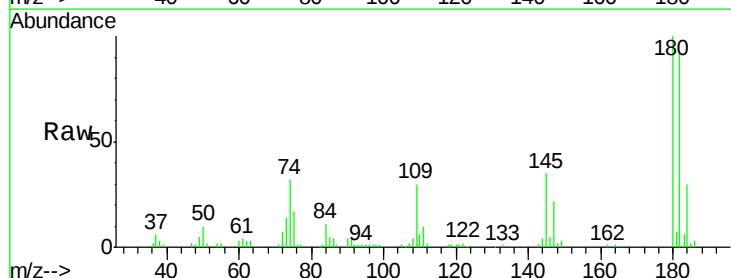


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

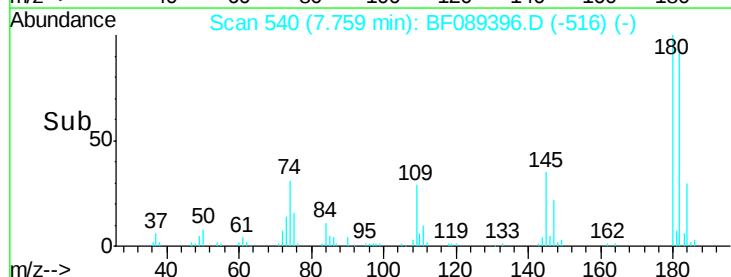
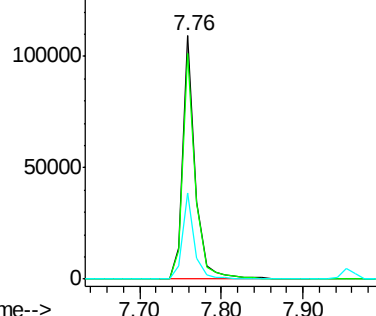


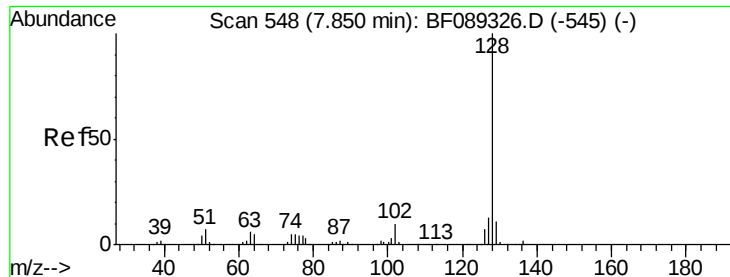
#30
1,2,4-Trichlorobenzene
Concen: 42.82 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF089396.D
Acq: 29 Jul 2016 7:24

Tgt Ion:180 Resp: 118931
Ion Ratio Lower Upper
180 100
182 92.8 78.2 117.2
145 35.5 24.6 36.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.94 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

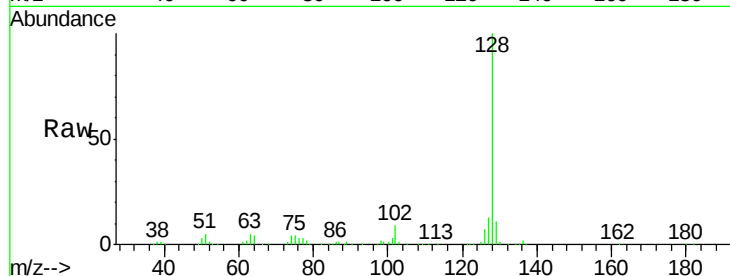
Tgt Ion:128 Resp: 404038

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

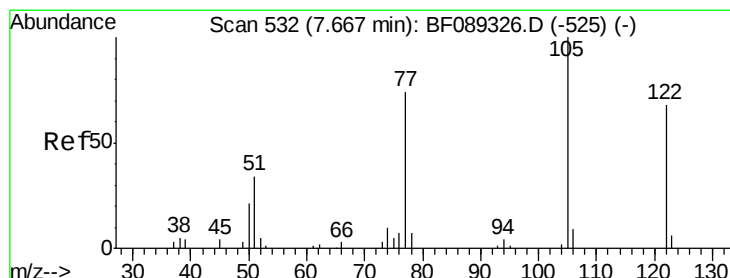
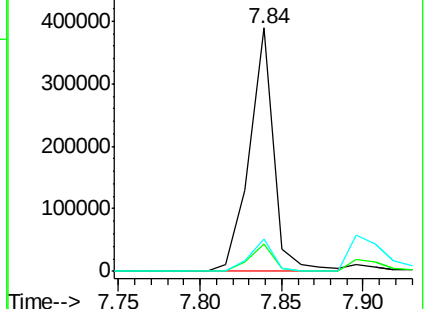
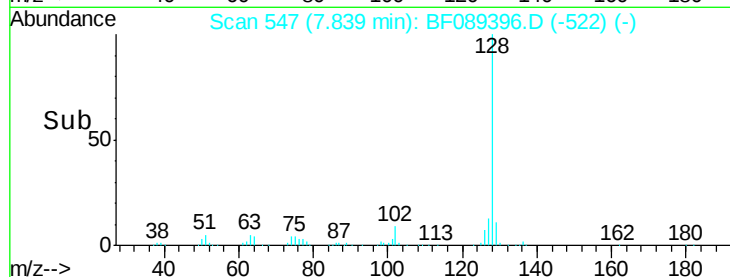
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.27 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

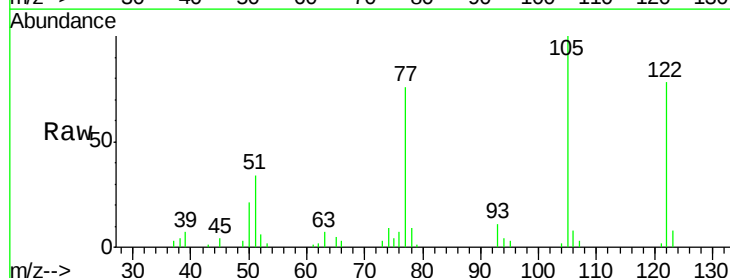
Tgt Ion:122 Resp: 63805

Ion Ratio Lower Upper

122 100

105 128.3 106.4 146.4

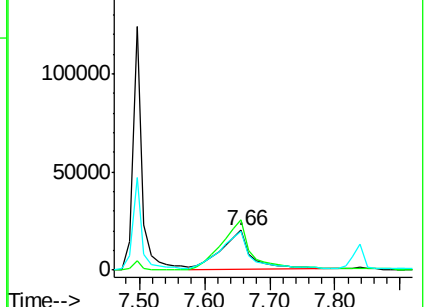
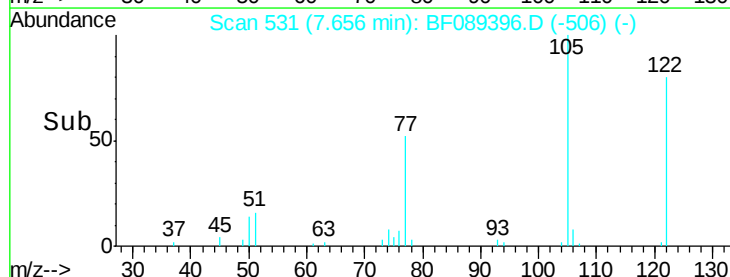
77 98.1 76.4 116.4

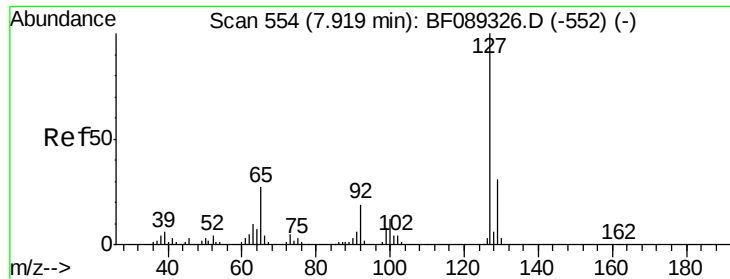


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

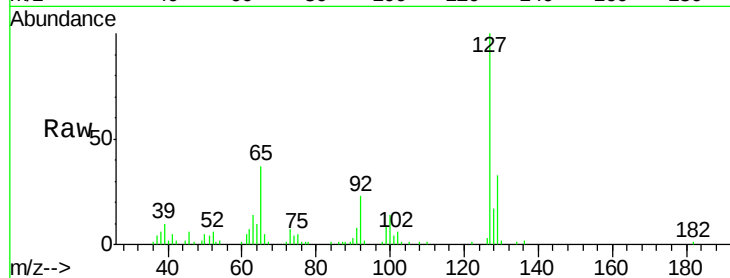




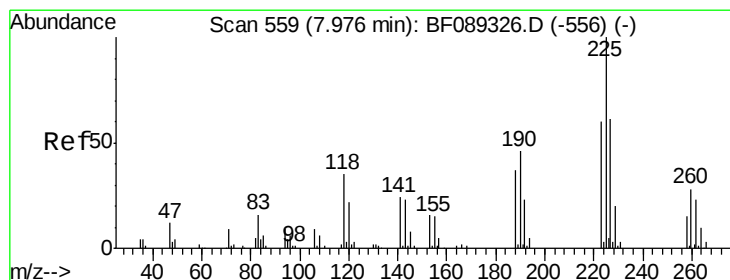
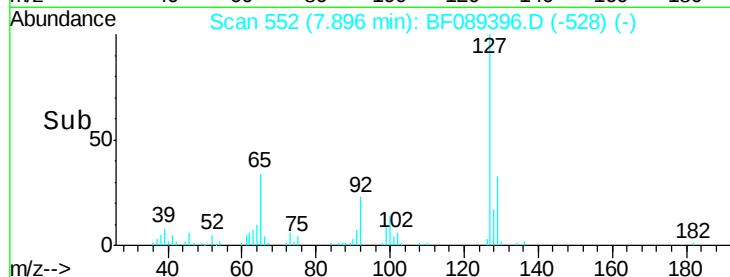
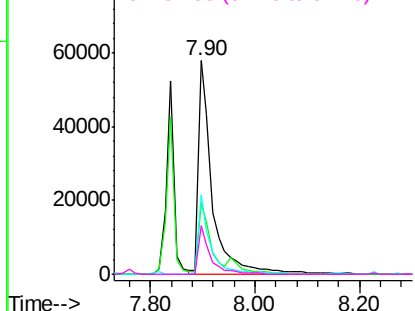
#33
4-Chloroaniline
Concen: 29.73 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF089396.D
Acq: 29 Jul 2016 7:24

Instrument :
BNA_F
ClientSampleId :
PB92528BS

Tgt Ion:	127	Resp:	109046
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	37.1	22.0	33.0
92	22.8	15.2	22.8

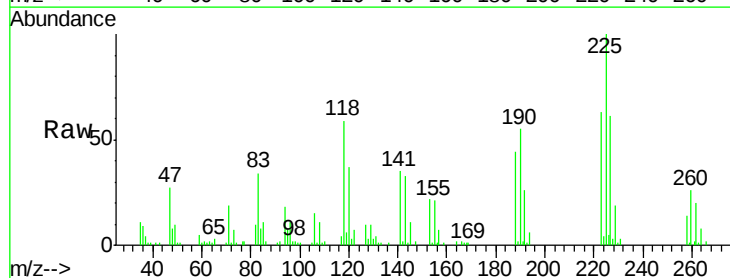


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

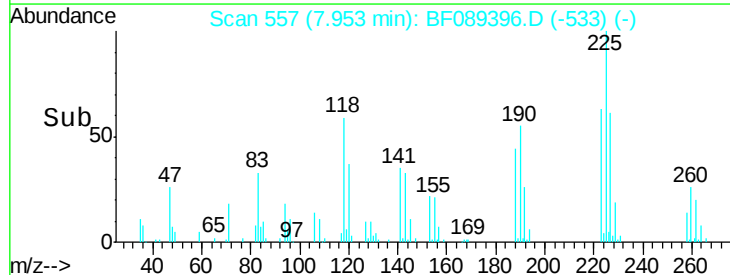
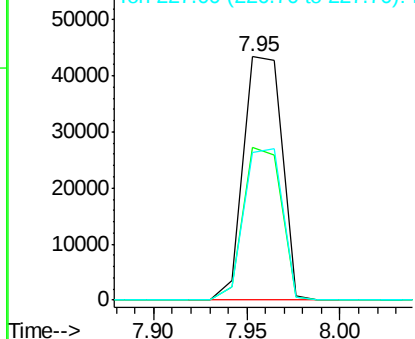


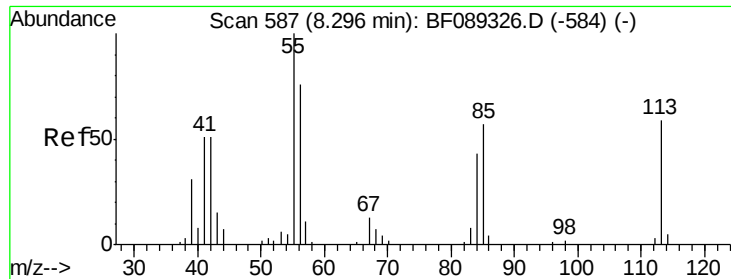
#34
Hexachlorobutadiene
Concen: 38.99 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089396.D
Acq: 29 Jul 2016 7:24

Tgt Ion:	225	Resp:	62030
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.8	74.8
227	60.8	49.4	74.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

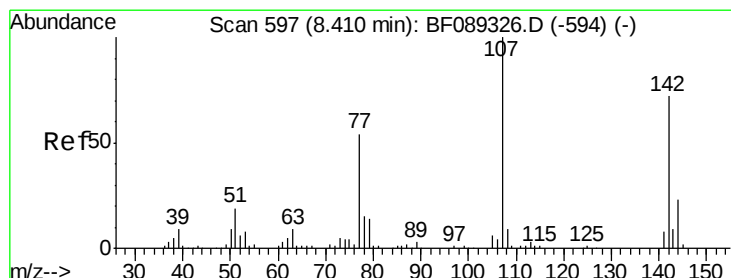
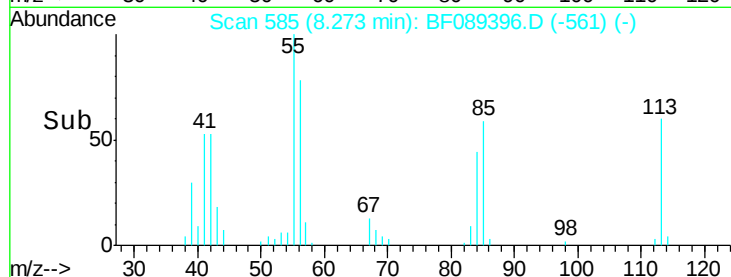
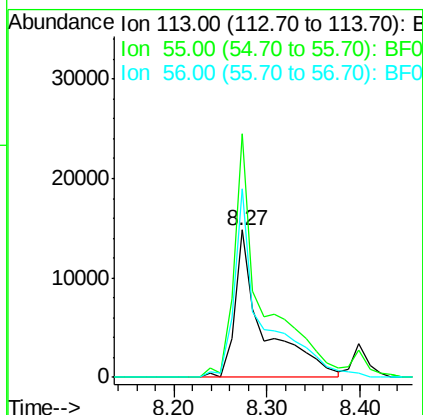
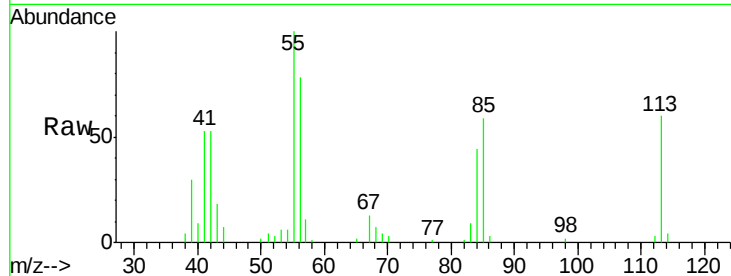




#35
 Caprolactam
 Concen: 43.19 ng
 RT: 8.27 min Scan# 585
 Delta R.T. -0.02 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

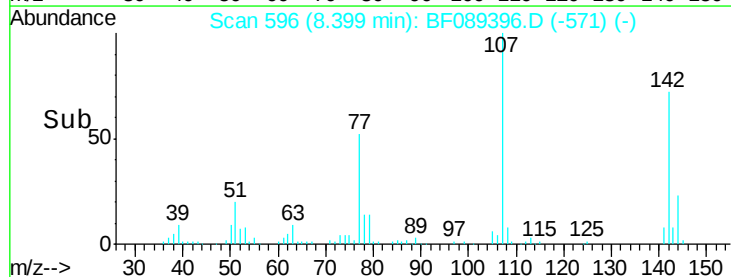
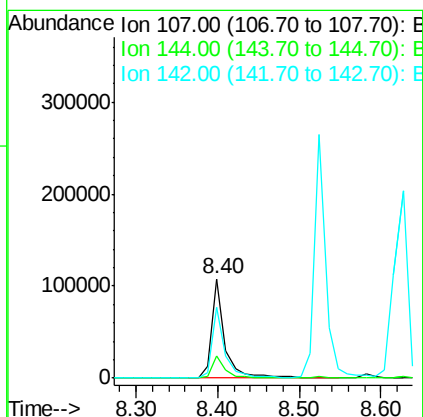
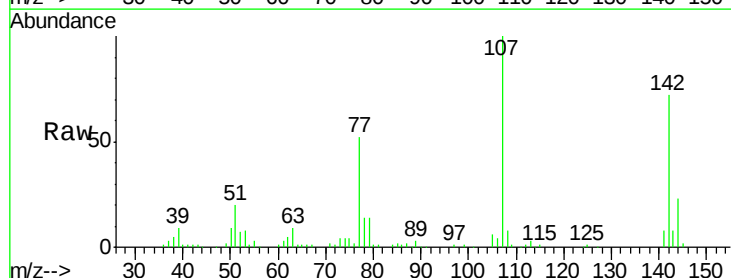
Instrument :
 BNA_F
 ClientSampleId :
 PB92528BS

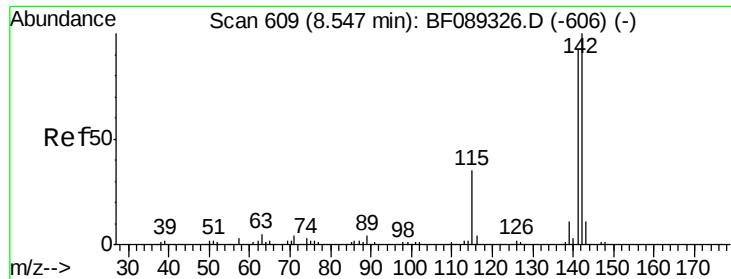
Tgt Ion:113 Resp: 31733
 Ion Ratio Lower Upper
 113 100
 55 165.4 142.3 182.3
 56 128.5 105.8 145.8



#36
 4-Chloro-3-methylphenol
 Concen: 42.71 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Tgt Ion:107 Resp: 123569
 Ion Ratio Lower Upper
 107 100
 144 22.8 18.4 27.6
 142 71.9 58.6 87.8

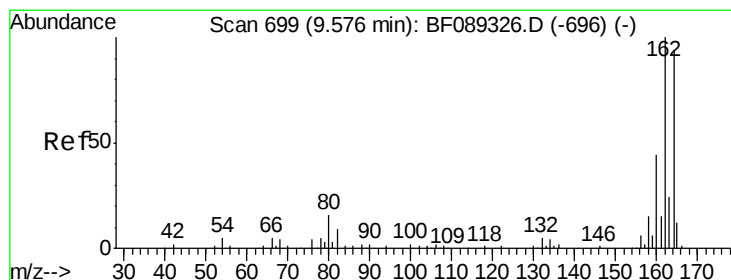
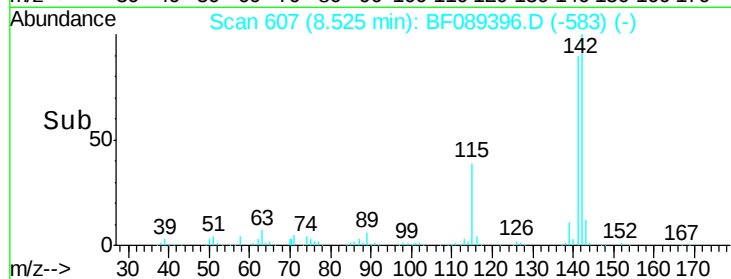
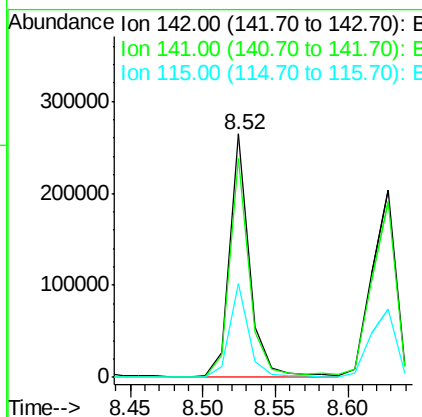
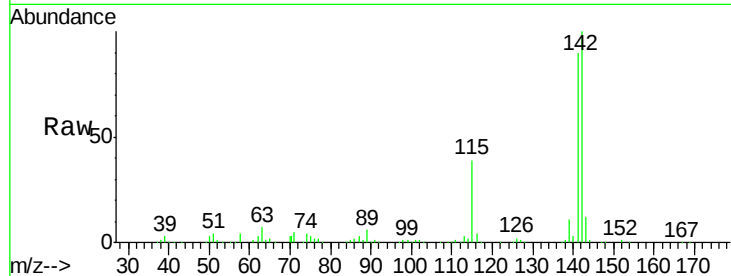




#37
 2-Methylnaphthalene
 Concen: 43.62 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

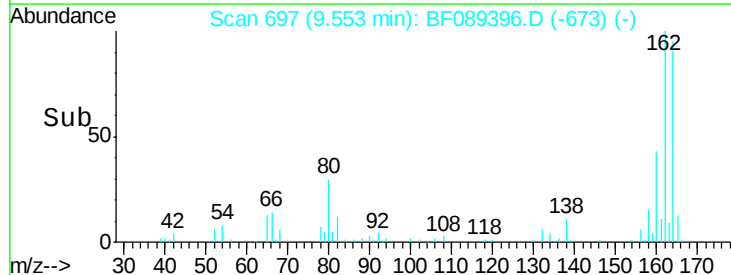
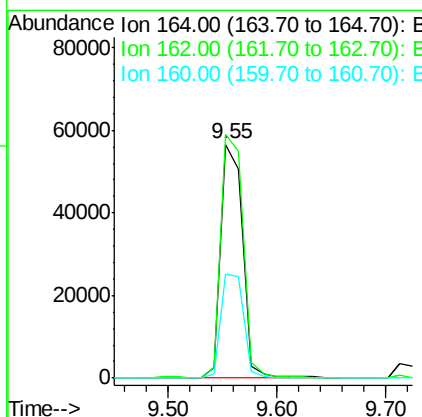
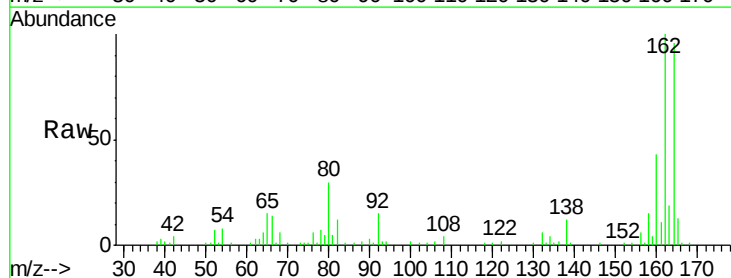
Instrument :
 BNA_F
 ClientSampleId :
 PB92528BS

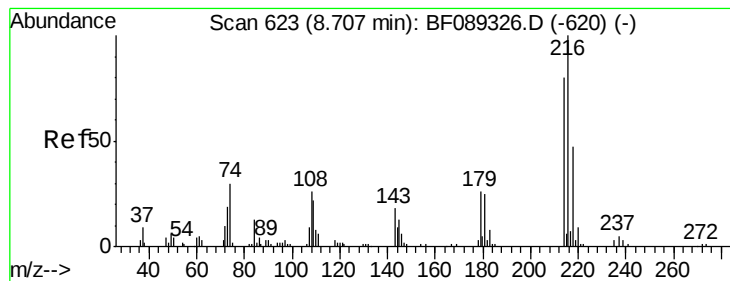
Tgt Ion:142 Resp: 253193
 Ion Ratio Lower Upper
 142 100
 141 90.0 70.9 106.3
 115 38.7 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.02 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Tgt Ion:164 Resp: 79189
 Ion Ratio Lower Upper
 164 100
 162 104.2 83.7 125.5
 160 44.5 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.64 ng

RT: 8.70 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

Tgt Ion:216 Resp: 112621

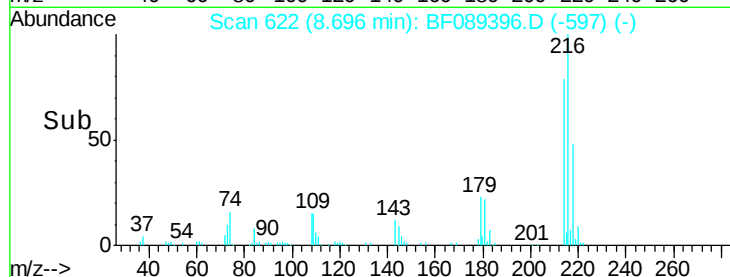
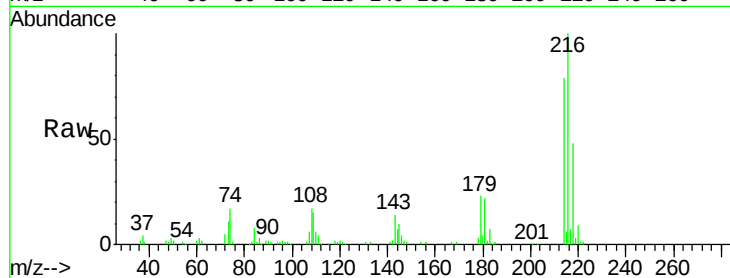
Ion Ratio Lower Upper

216 100

214 78.9 63.3 94.9

179 22.3 18.1 27.1

108 19.5 17.2 25.8

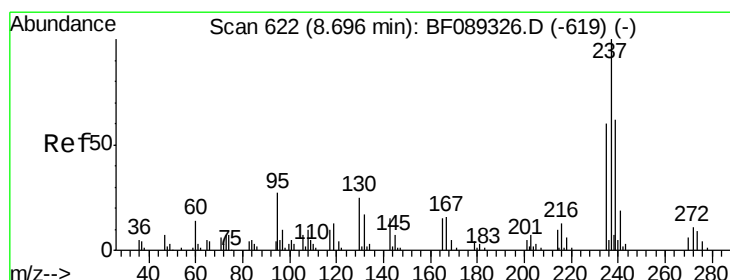
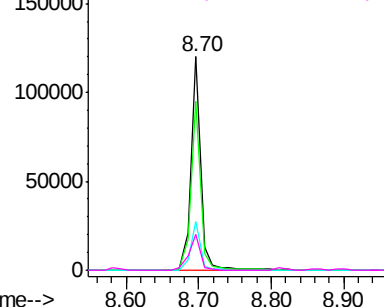


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 29.63 ng

RT: 8.68 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

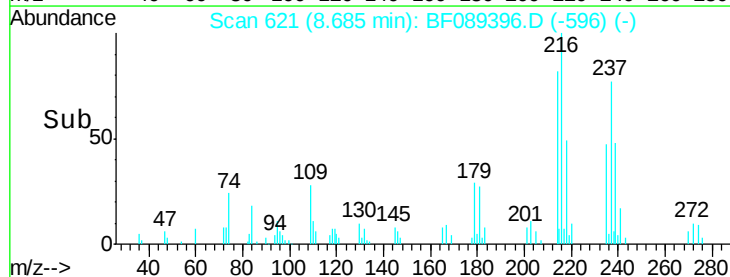
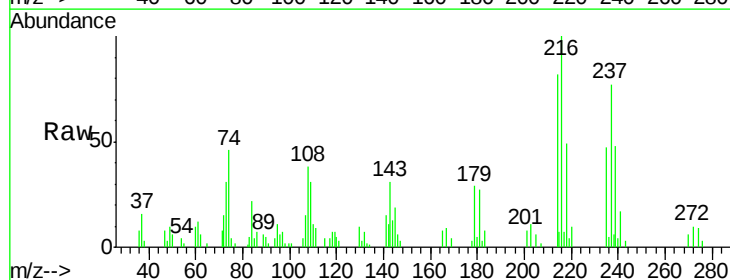
Tgt Ion:237 Resp: 18418

Ion Ratio Lower Upper

237 100

235 60.9 41.6 81.6

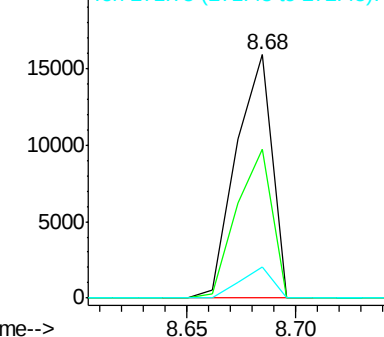
272 12.8 0.0 30.8

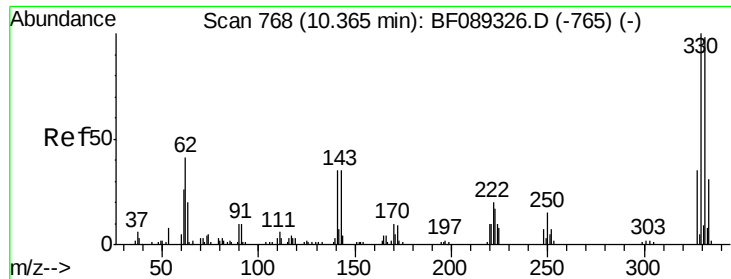


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

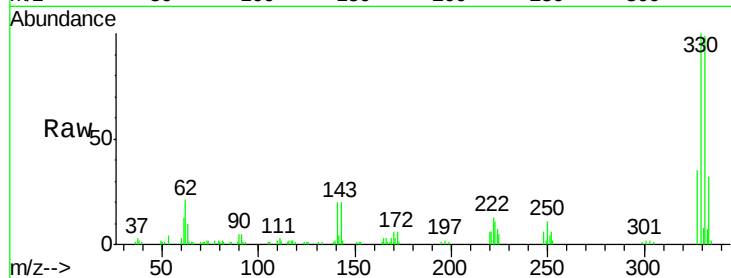




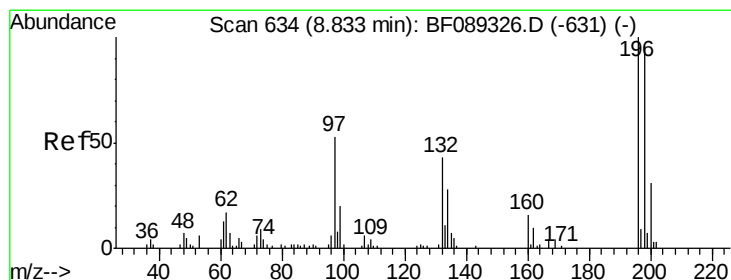
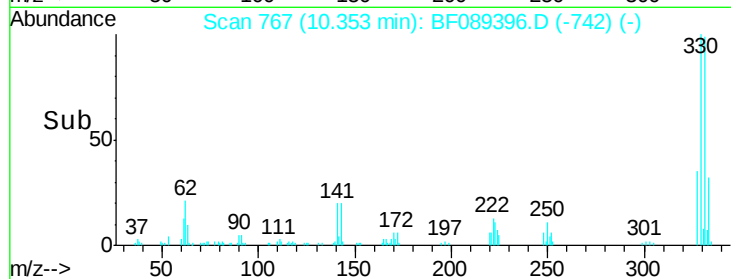
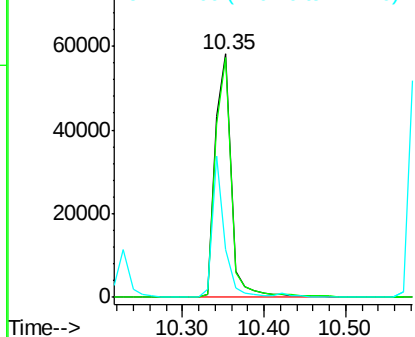
#41
 2,4,6-Tribromophenol
 Concen: 121.52 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Instrument :
 BNA_F
 ClientSampleId :
 PB92528BS

Tgt Ion:330 Resp: 79698
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.8 115.2
 141 44.9 37.3 55.9

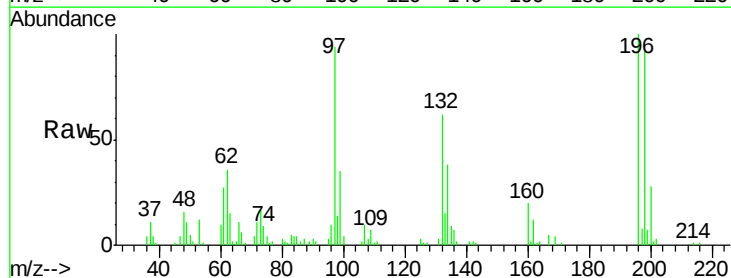


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

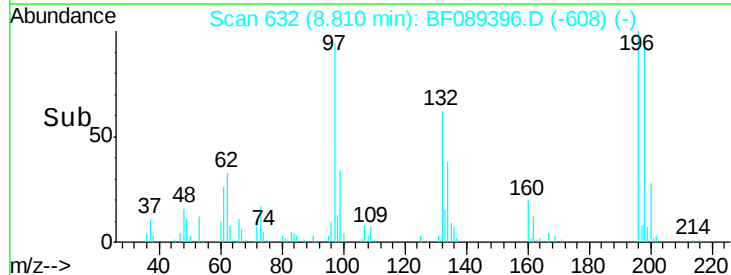
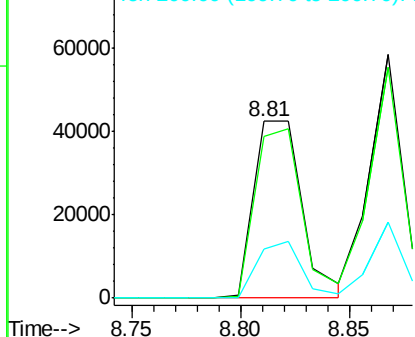


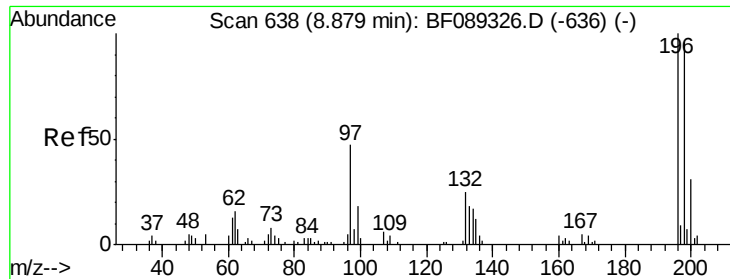
#42
 2,4,6-Trichlorophenol
 Concen: 49.83 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Tgt Ion:196 Resp: 65648
 Ion Ratio Lower Upper
 196 100
 198 91.6 75.5 113.3
 200 27.6 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

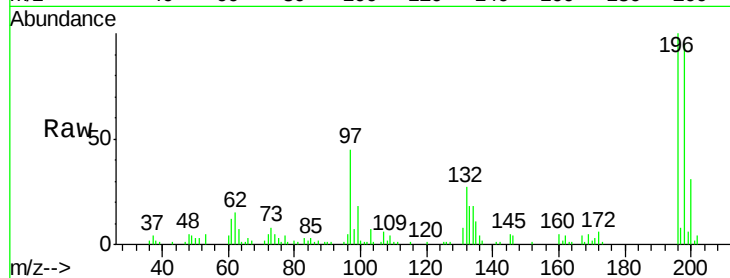




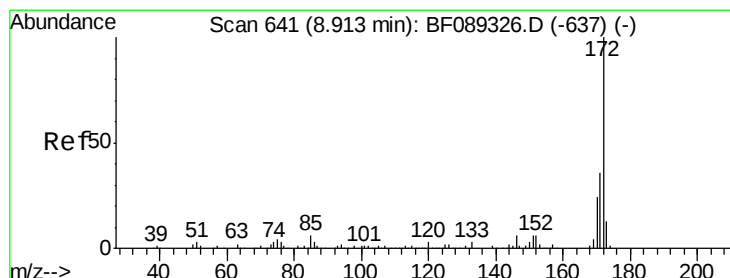
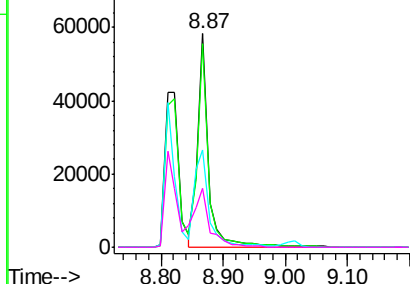
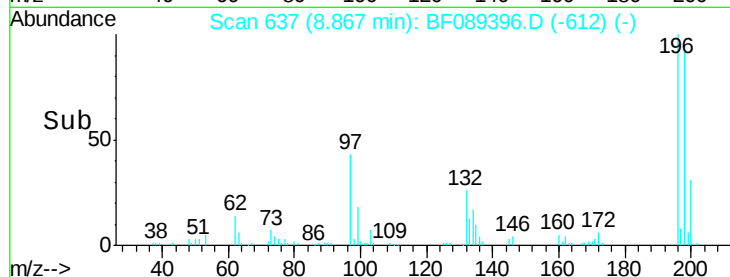
#43
 2,4,5-Trichlorophenol
 Concen: 43.95 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Instrument :
 BNA_F
 ClientSampleId :
 PB92528BS

Tgt Ion:196 Resp: 73342
 Ion Ratio Lower Upper
 196 100
 198 95.1 78.7 118.1
 97 45.3 39.7 59.5
 132 27.4 22.8 34.2

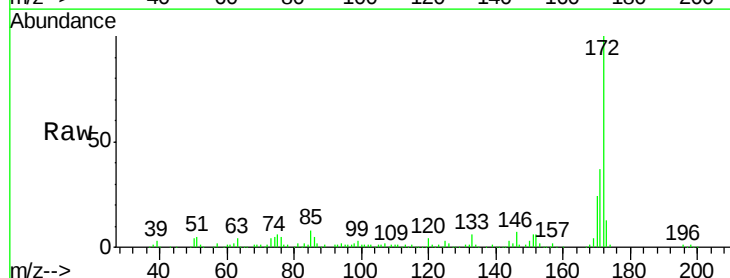


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

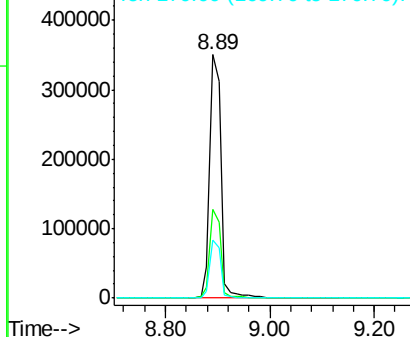
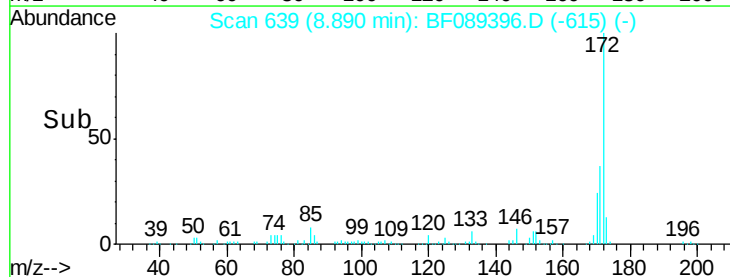


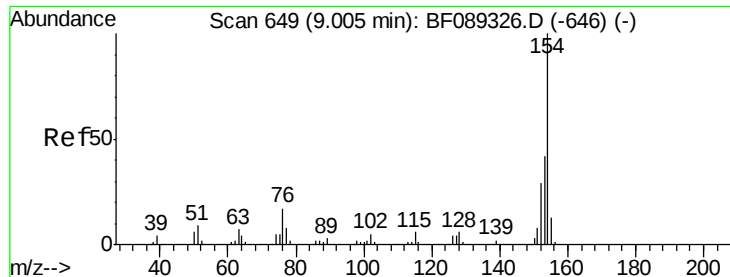
#44
 2-Fluorobiphenyl
 Concen: 97.37 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Tgt Ion:172 Resp: 525401
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.2 43.8
 170 23.6 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

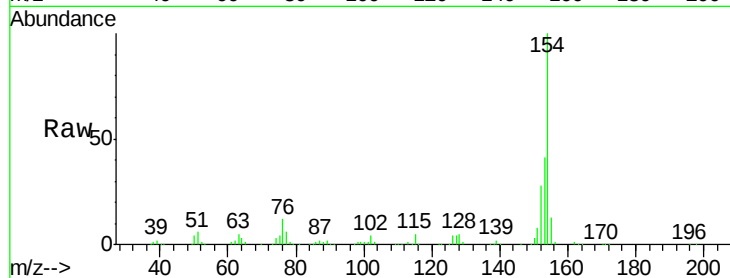




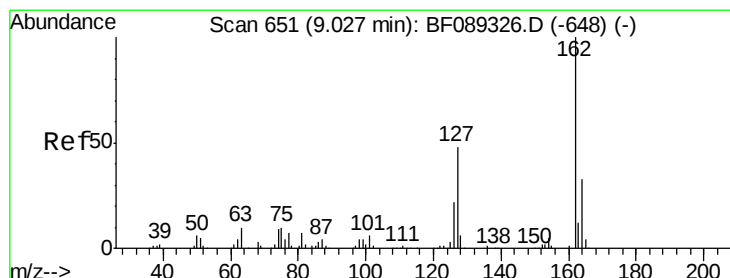
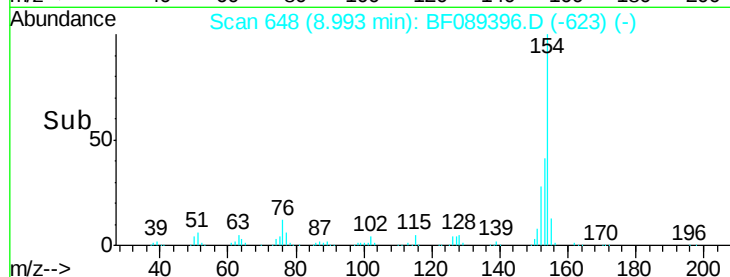
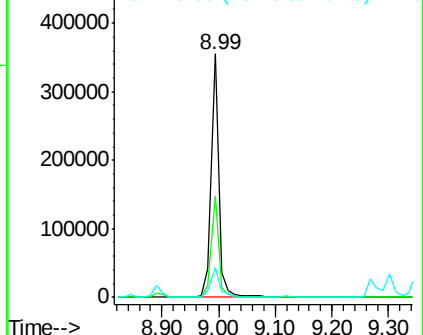
#45
 1,1'-Biphenyl
 Concen: 47.36 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Instrument :
 BNA_F
 ClientSampleId :
 PB92528BS

Tgt Ion:154 Resp: 319312
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.0 61.0
 76 12.2 0.0 36.6

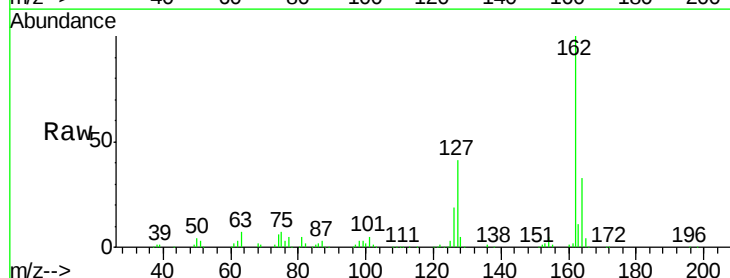


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

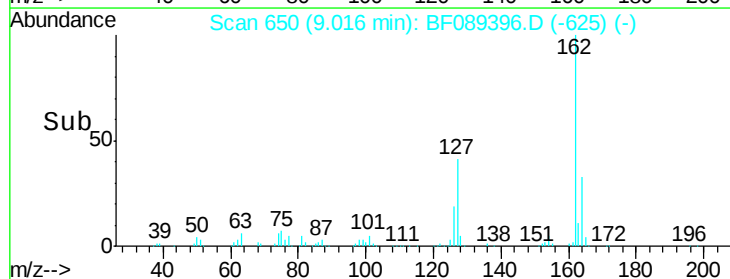
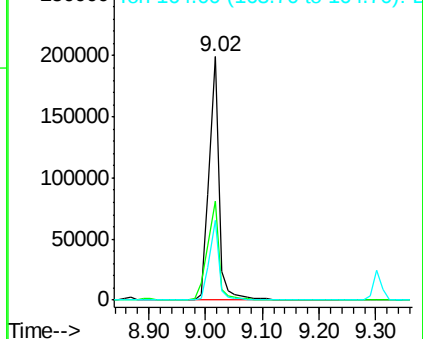


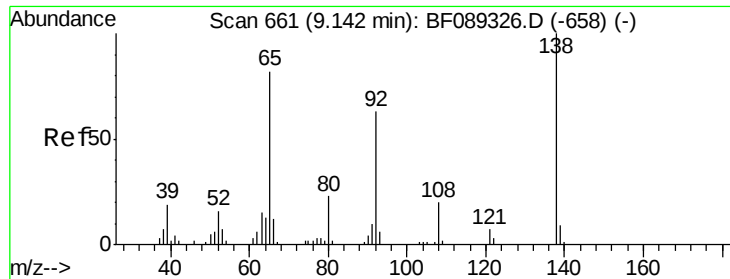
#46
 2-Chloronaphthalene
 Concen: 46.13 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.01 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Tgt Ion:162 Resp: 233608
 Ion Ratio Lower Upper
 162 100
 127 40.5 37.8 56.8
 164 33.0 25.8 38.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

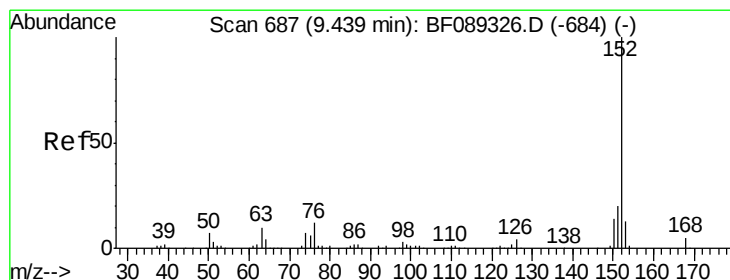
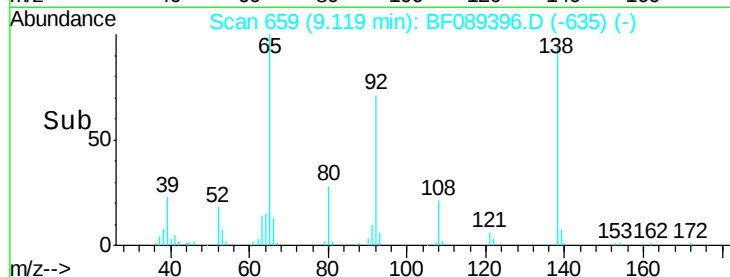
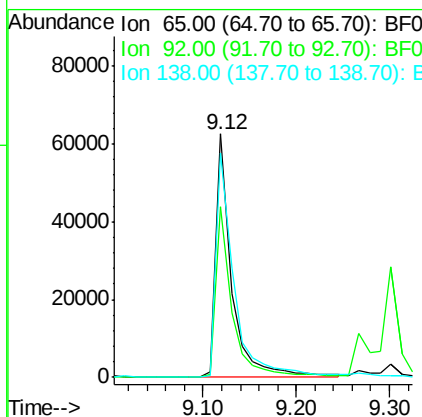
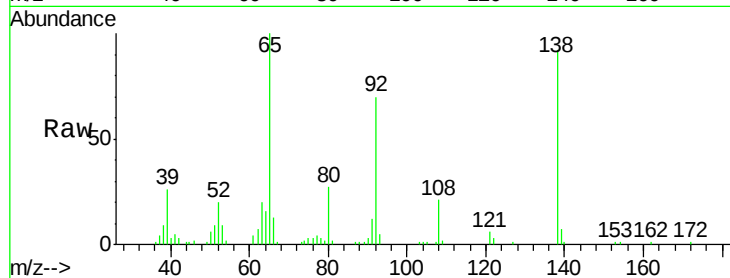




#47
 2-Nitroaniline
 Concen: 49.58 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.02 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

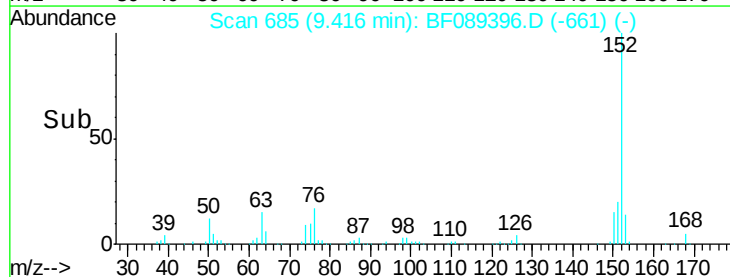
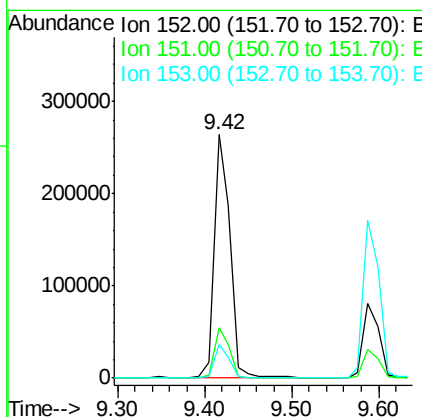
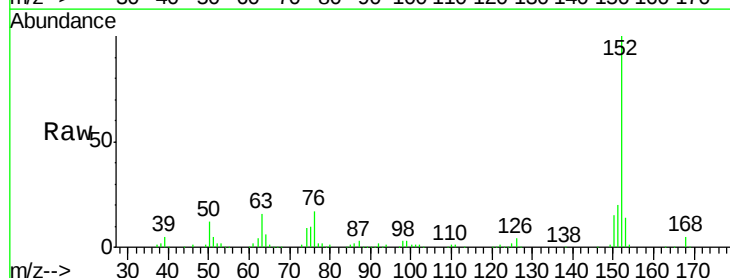
Instrument :
 BNA_F
 ClientSampleId :
 PB92528BS

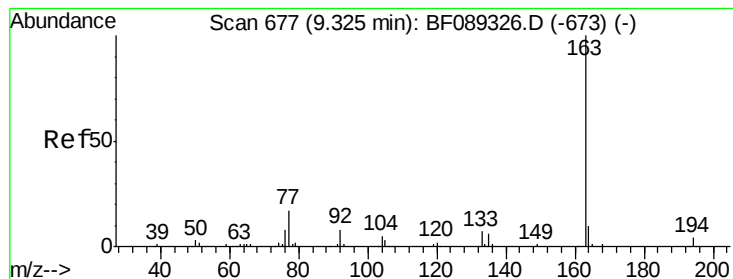
Tgt Ion: 65 Resp: 74350
 Ion Ratio Lower Upper
 65 100
 92 70.1 61.0 91.4
 138 92.2 99.1 148.7#



#48
 Acenaphthylene
 Concen: 42.71 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.02 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Tgt Ion: 152 Resp: 340625
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.2 24.2
 153 13.6 10.2 15.4





#49

Dimethylphthalate

Concen: 44.18 ng

RT: 9.30 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

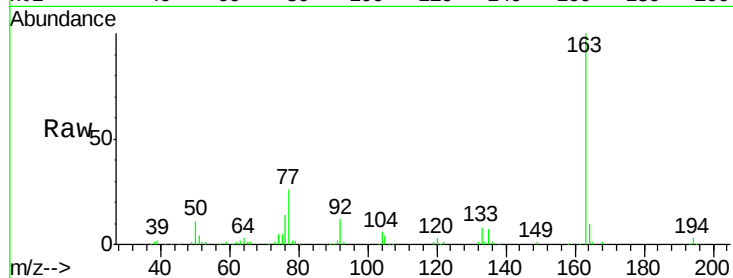
Tgt Ion:163 Resp: 266279

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

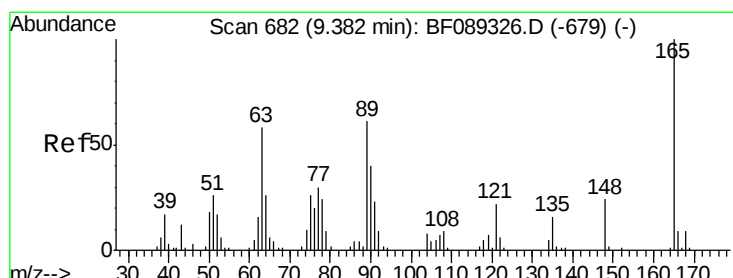
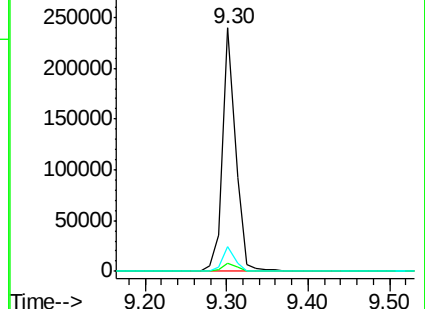
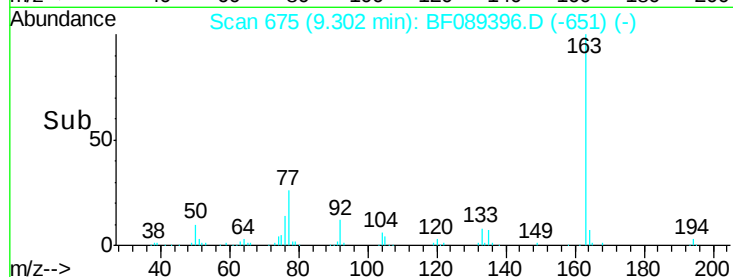
164 10.3 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.62 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

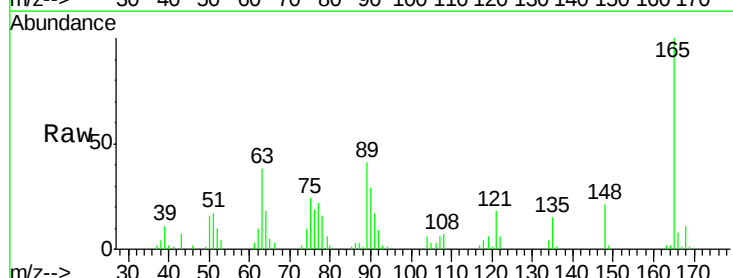
Tgt Ion:165 Resp: 52781

Ion Ratio Lower Upper

165 100

63 38.0 43.5 65.3#

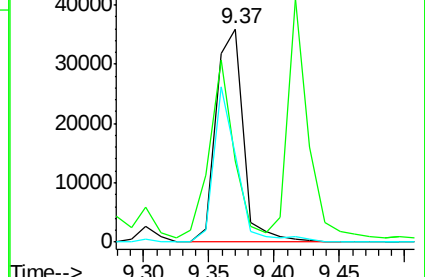
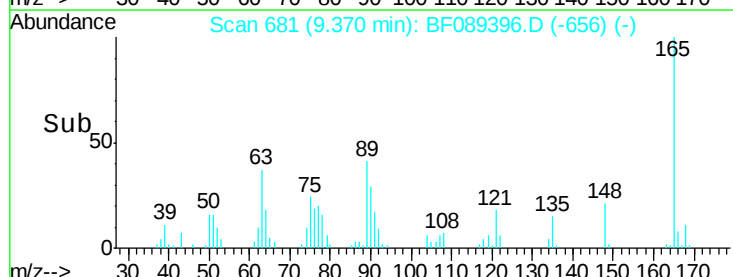
89 40.9 45.0 67.4#

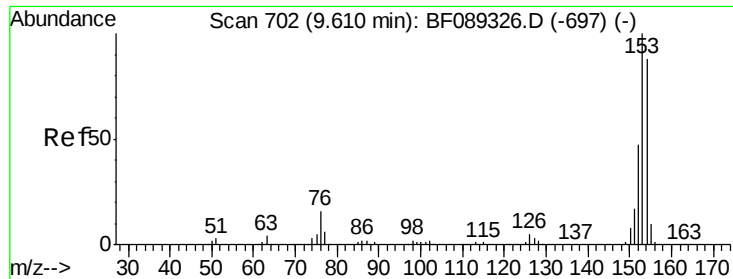


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.79 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

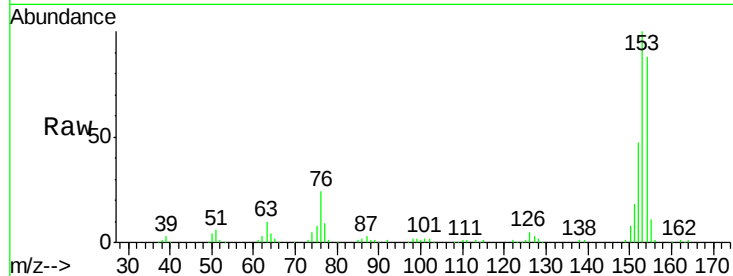
Tgt Ion:154 Resp: 189974

Ion Ratio Lower Upper

154 100

153 113.3 91.4 137.2

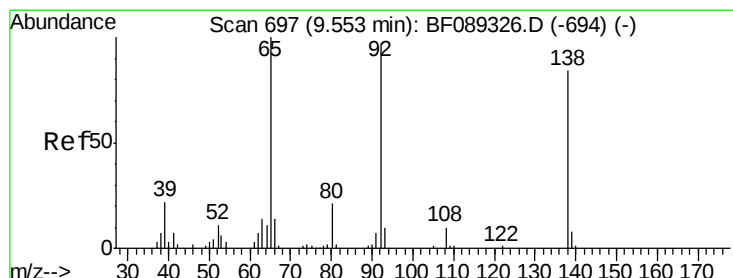
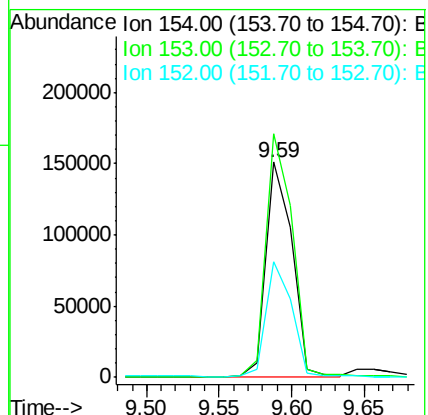
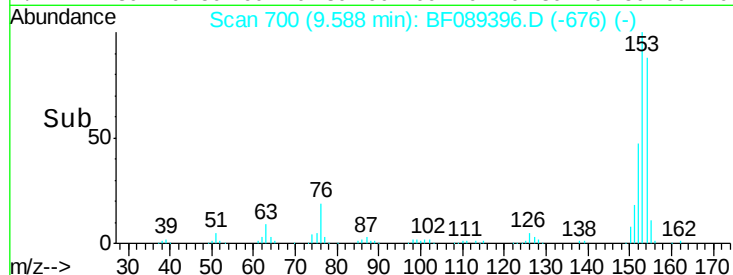
152 53.7 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.04 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

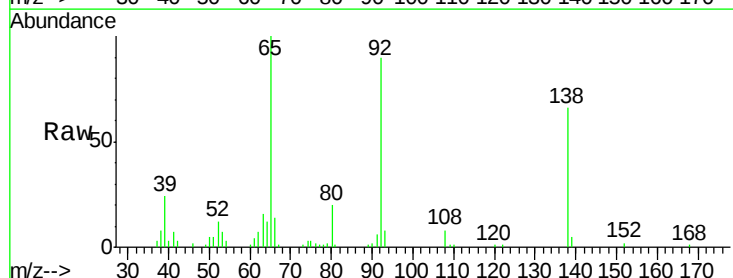
Tgt Ion:138 Resp: 49708

Ion Ratio Lower Upper

138 100

108 12.1 8.6 13.0

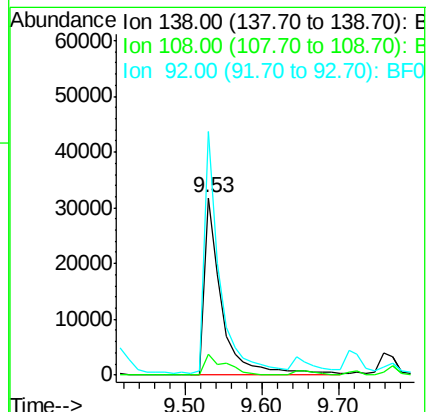
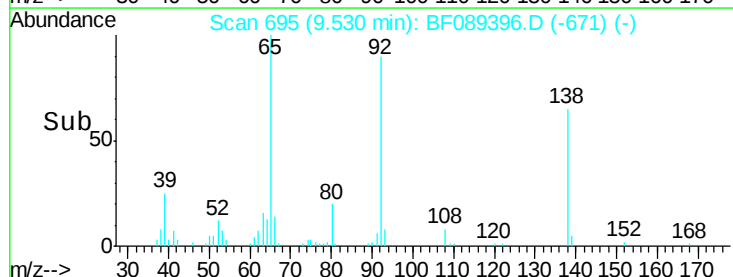
92 137.4 90.0 135.0#

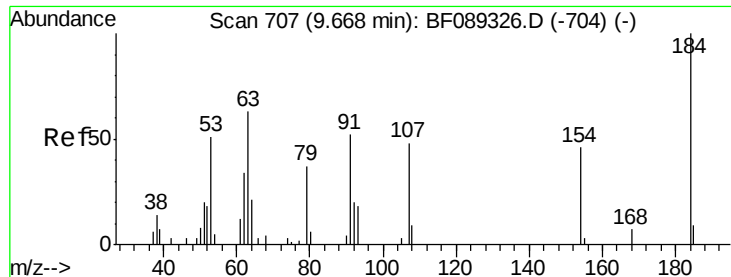


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

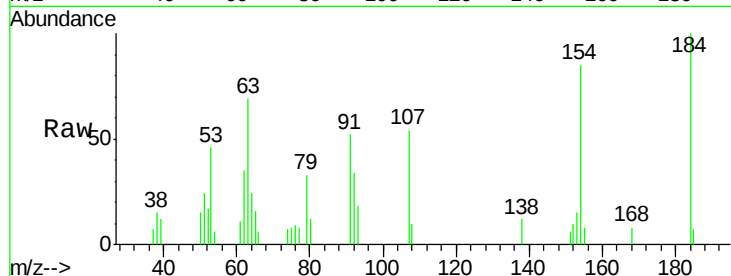




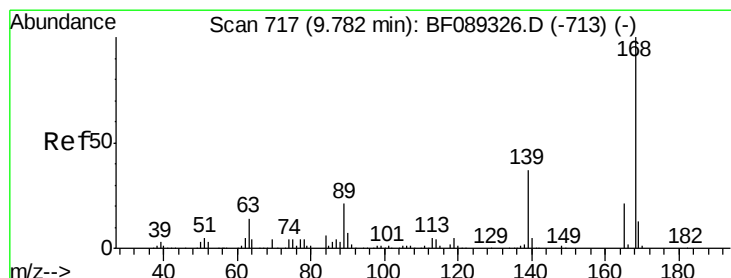
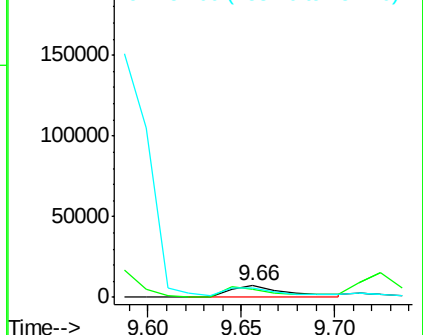
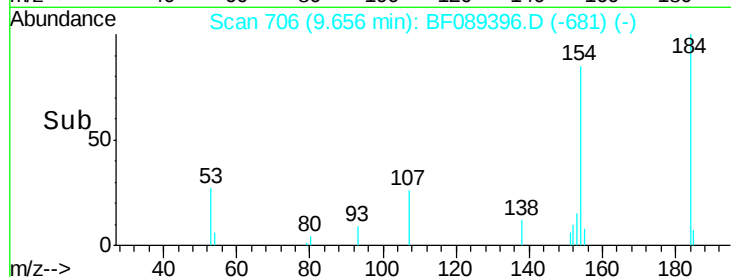
#53
 2,4-Dinitrophenol
 Concen: 37.84 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Instrument :
 BNA_F
 ClientSampleId :
 PB92528BS

Tgt Ion:184 Resp: 15041
 Ion Ratio Lower Upper
 184 100
 63 68.6 60.6 90.8
 154 85.4 69.8 104.8

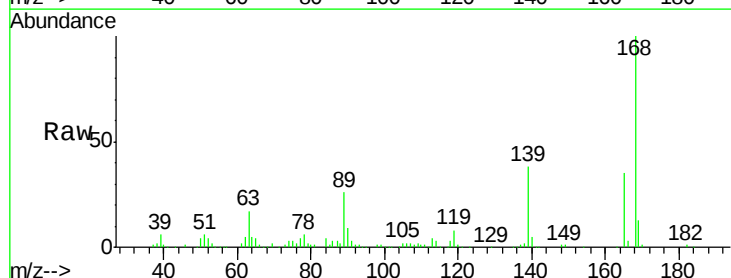


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

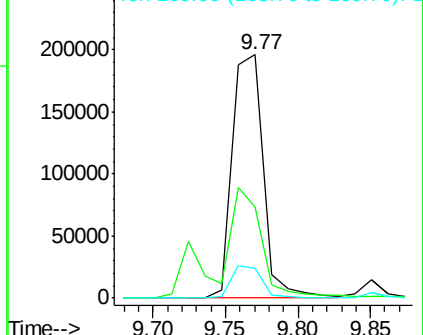
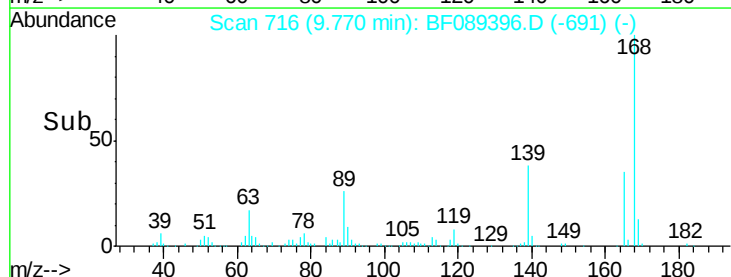


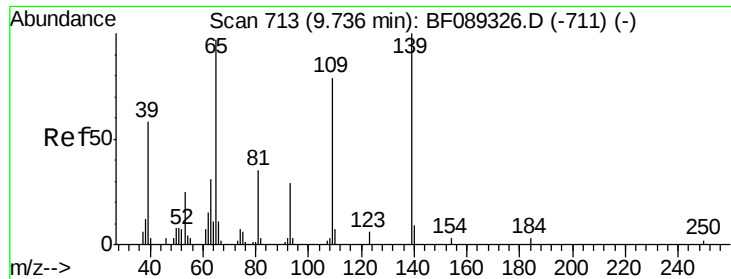
#54
 Dibenzofuran
 Concen: 45.89 ng
 RT: 9.77 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Tgt Ion:168 Resp: 291243
 Ion Ratio Lower Upper
 168 100
 139 37.5 33.7 50.5
 169 12.5 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

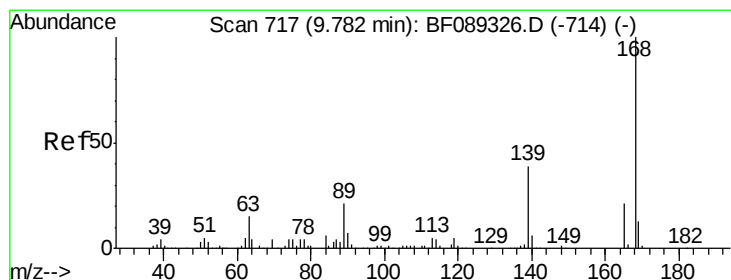
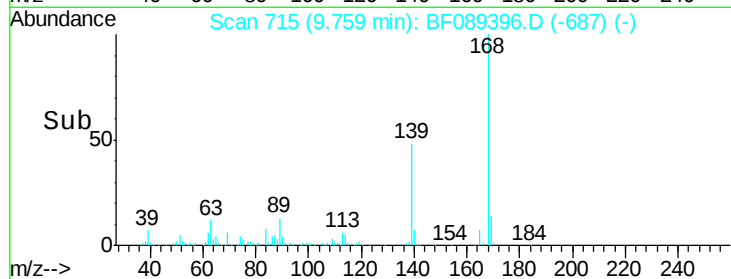
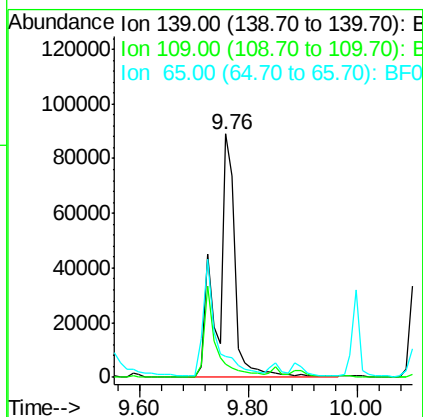
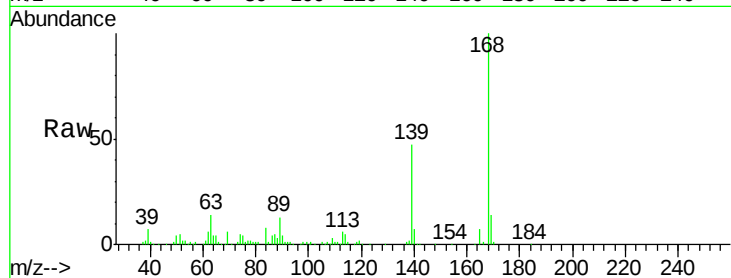




#55
4-Nitrophenol
Concen: 281.87 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.02 min
Lab File: BF089396.D
Acq: 29 Jul 2016 7:24

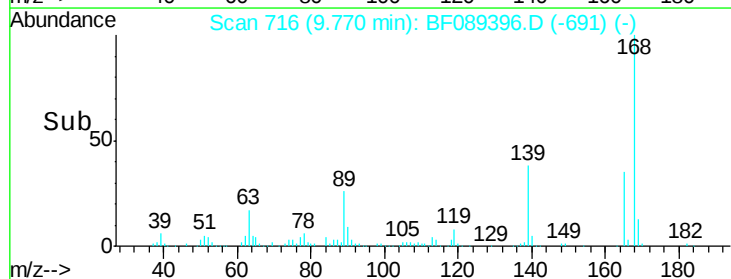
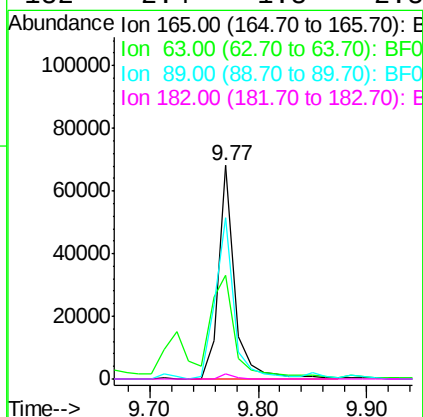
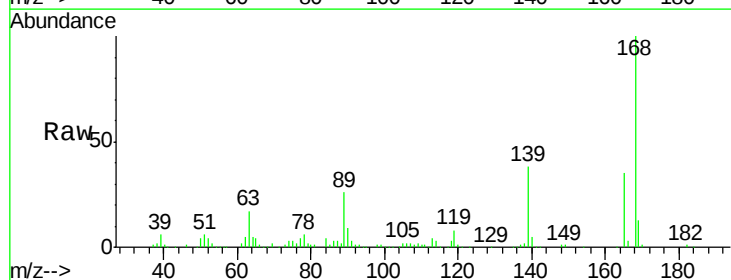
Instrument :
BNA_F
ClientSampleId :
PB92528BS

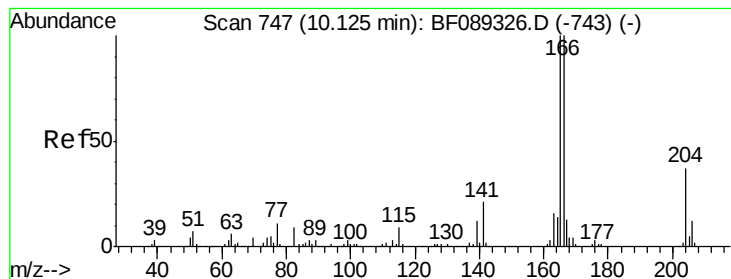
Tgt Ion:139 Resp: 190161
Ion Ratio Lower Upper
139 100
109 5.6 57.8 97.8#
65 8.8 81.7 121.7#



#56
2,4-Dinitrotoluene
Concen: 44.39 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF089396.D
Acq: 29 Jul 2016 7:24

Tgt Ion:165 Resp: 72361
Ion Ratio Lower Upper
165 100
63 48.3 58.2 87.2#
89 75.3 79.1 118.7#
182 2.4 1.8 2.8





#57

Fluorene

Concen: 39.79 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

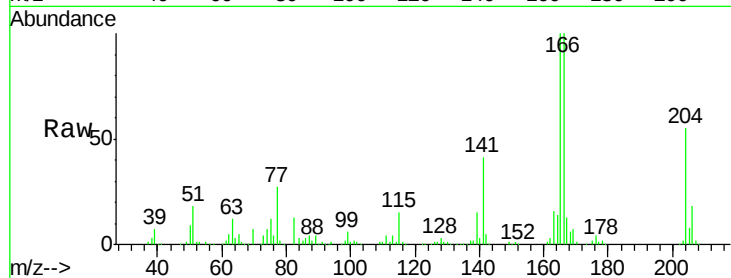
Tgt Ion:166 Resp: 220456

Ion Ratio Lower Upper

166 100

165 100.1 79.0 118.4

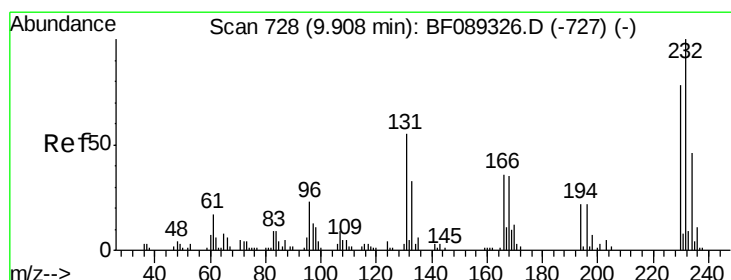
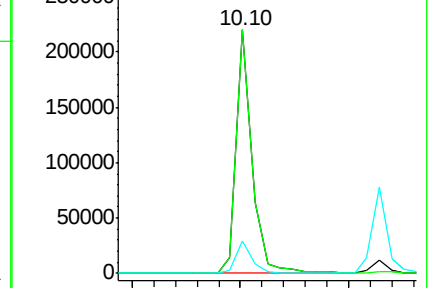
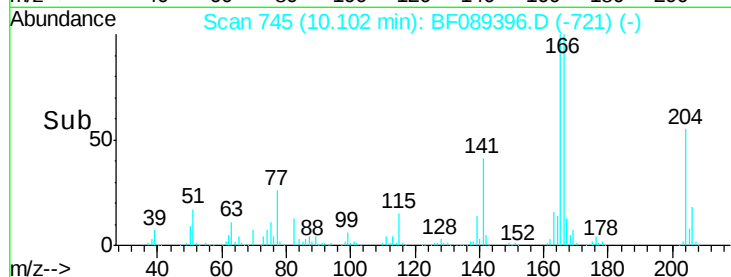
167 13.5 10.2 15.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.31 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Tgt Ion:232 Resp: 48258

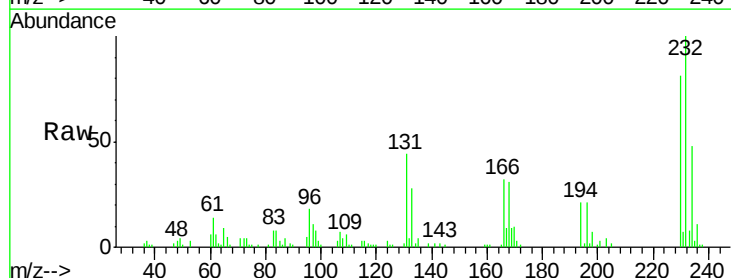
Ion Ratio Lower Upper

232 100

131 58.7 42.7 64.1

130 2.5 1.7 2.5

166 38.0 25.7 38.5

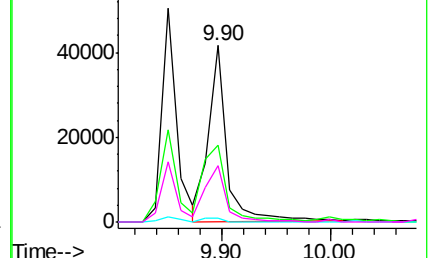
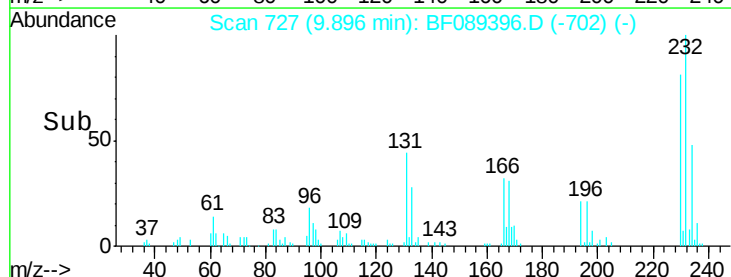


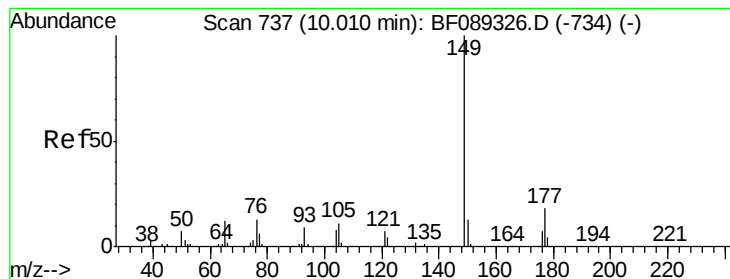
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.92 ng

RT: 10.00 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

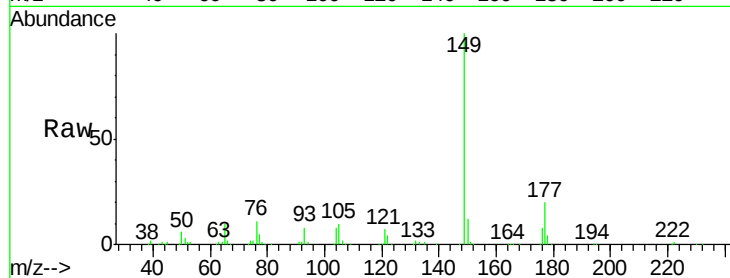
Tgt Ion:149 Resp: 280573

Ion Ratio Lower Upper

149 100

177 20.0 15.1 22.7

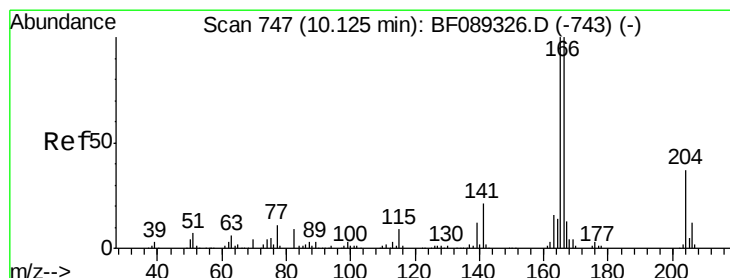
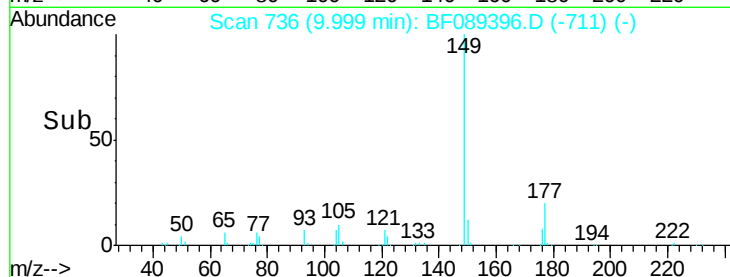
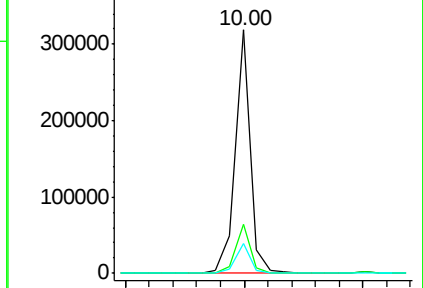
150 12.5 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.71 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

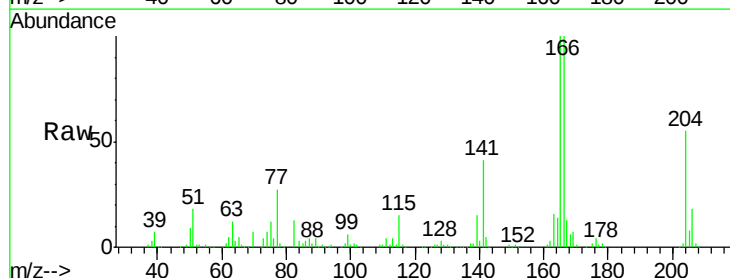
Tgt Ion:204 Resp: 111073

Ion Ratio Lower Upper

204 100

206 32.1 26.6 39.8

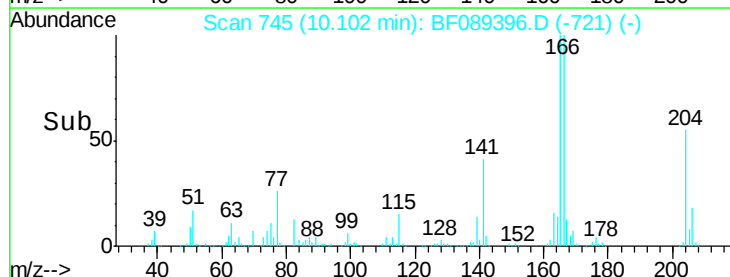
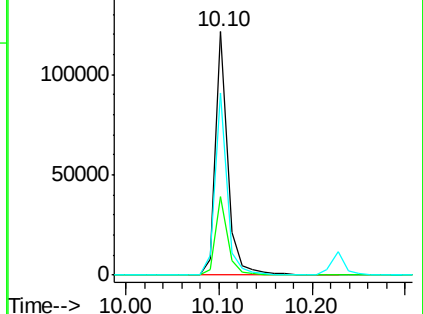
141 74.6 46.6 70.0#

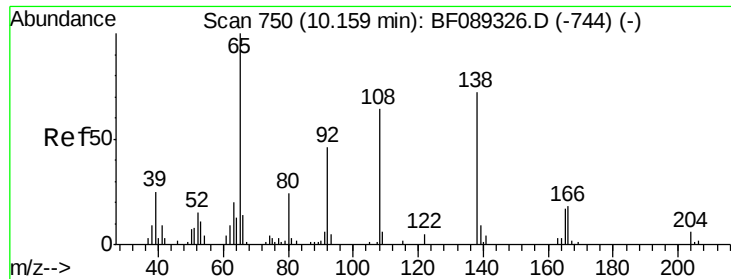


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.52 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

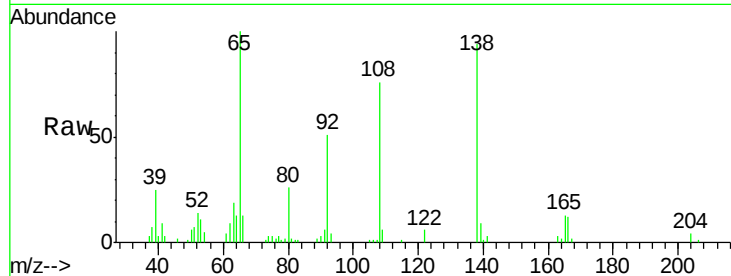
Tgt Ion:138 Resp: 46503

Ion Ratio Lower Upper

138 100

92 54.1 41.2 81.2

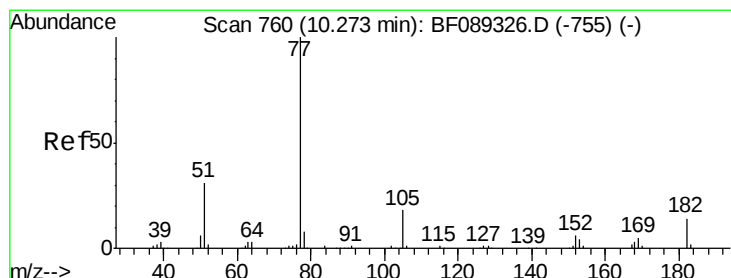
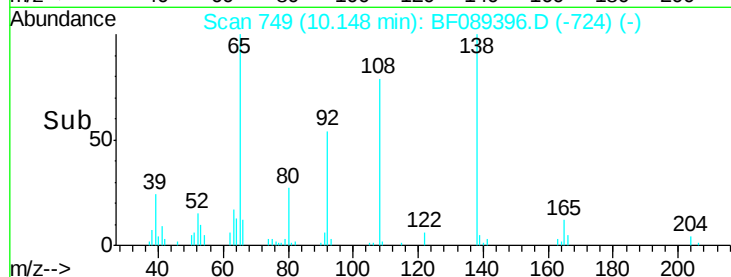
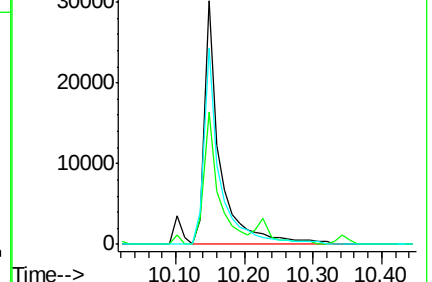
108 80.4 69.6 109.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.45 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Tgt Ion: 77 Resp: 292282

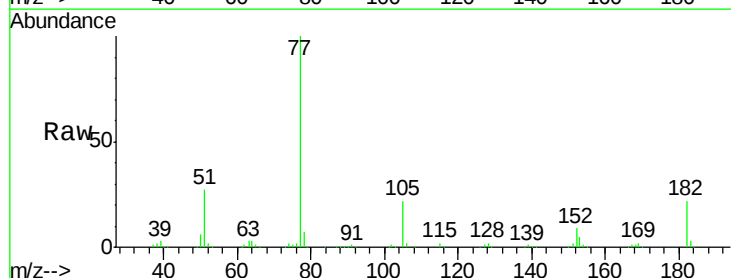
Ion Ratio Lower Upper

77 100

182 22.3 0.0 33.8

105 21.7 0.0 39.8

51 27.4 11.0 51.0

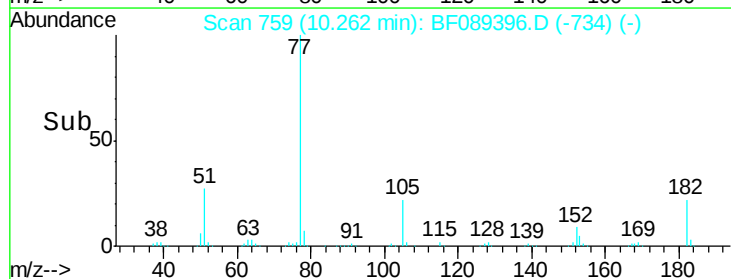
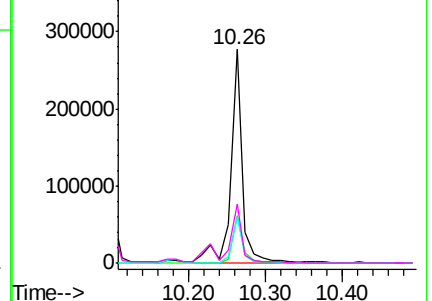


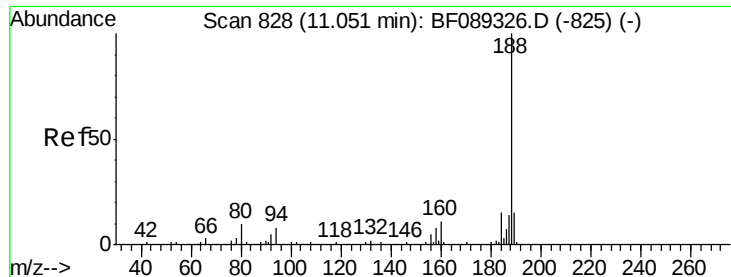
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

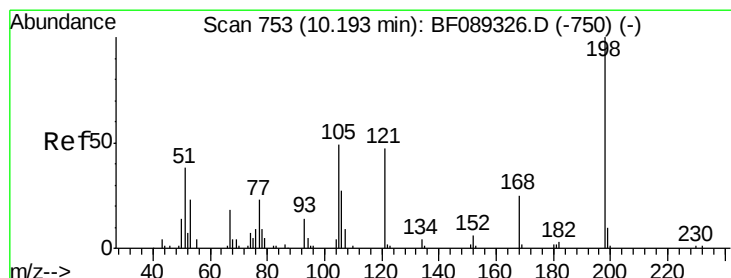
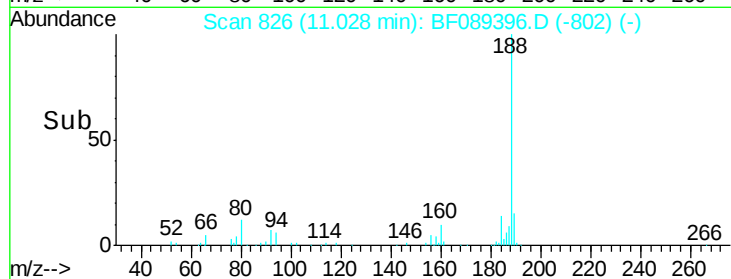
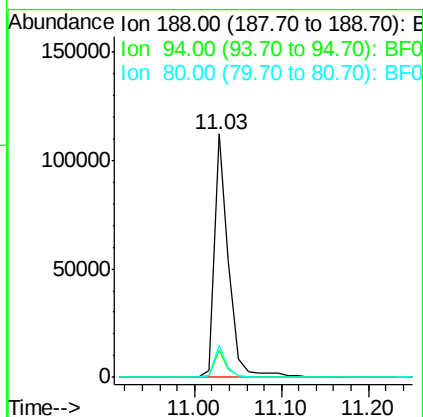
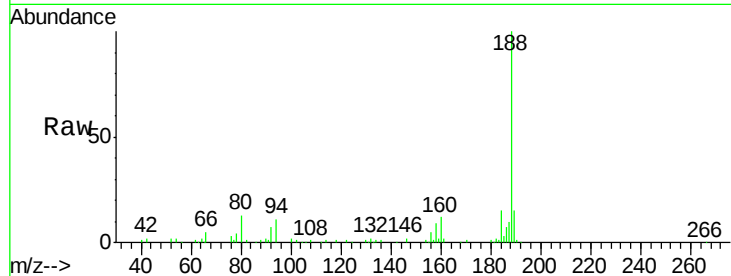




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089396.D
Acq: 29 Jul 2016 7:24

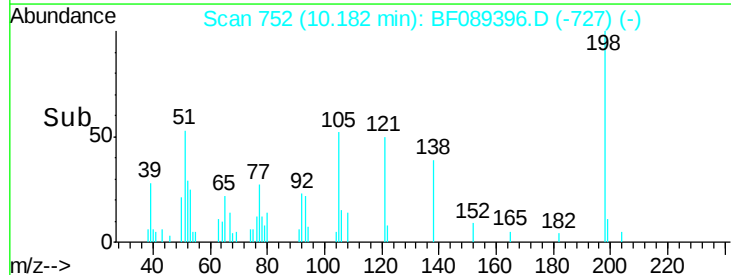
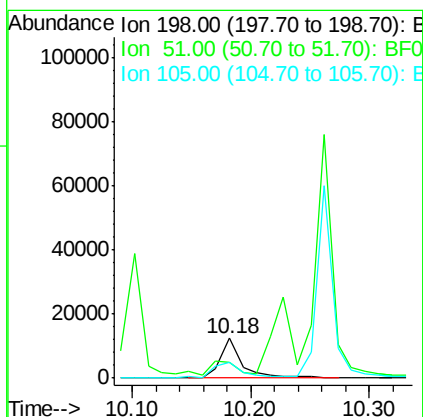
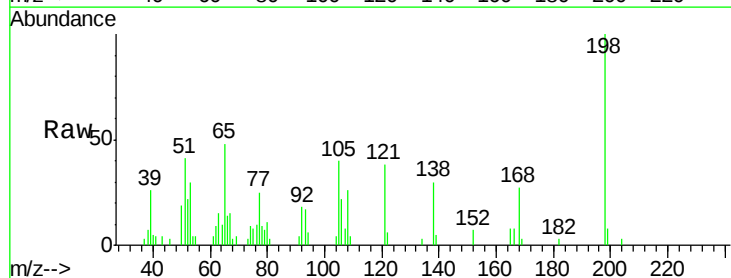
Instrument :
BNA_F
ClientSampleId :
PB92528BS

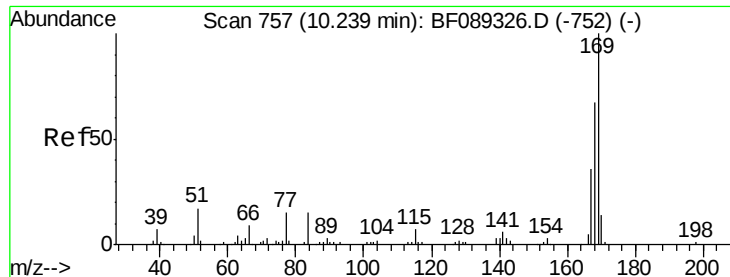
Tgt Ion:188 Resp: 129146
Ion Ratio Lower Upper
188 100
94 11.2 6.5 9.7#
80 13.1 7.2 10.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 22.36 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF089396.D
Acq: 29 Jul 2016 7:24

Tgt Ion:198 Resp: 15441
Ion Ratio Lower Upper
198 100
51 41.0 23.0 63.0
105 40.0 28.3 68.3





#65

n-Nitrosodiphenylamine

Concen: 52.48 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

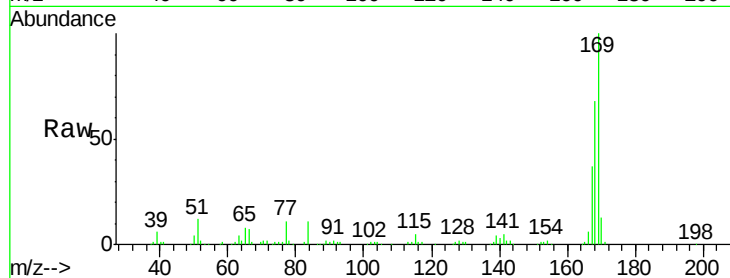
Tgt Ion:169 Resp: 211489

Ion Ratio Lower Upper

169 100

168 68.4 55.4 83.0

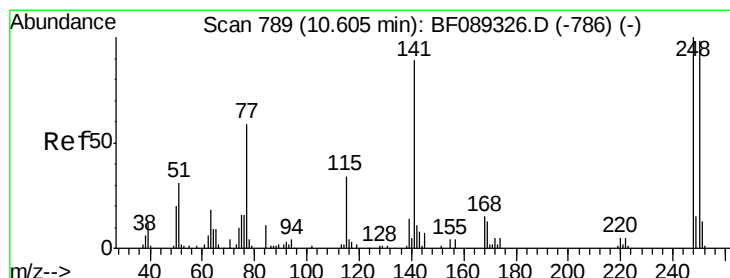
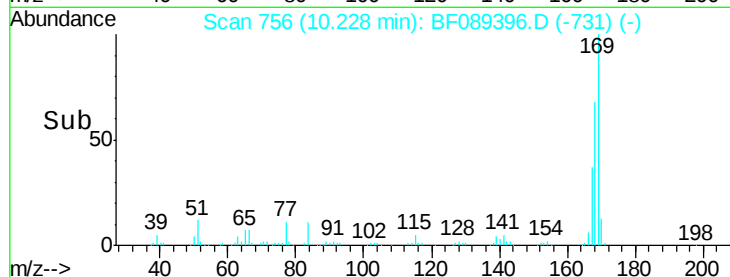
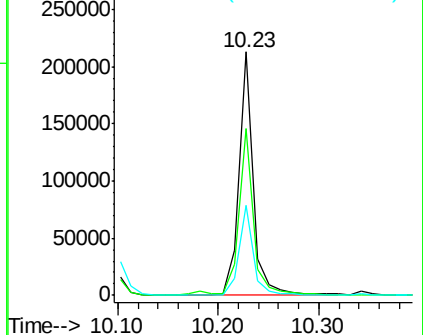
167 36.8 29.7 44.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.76 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

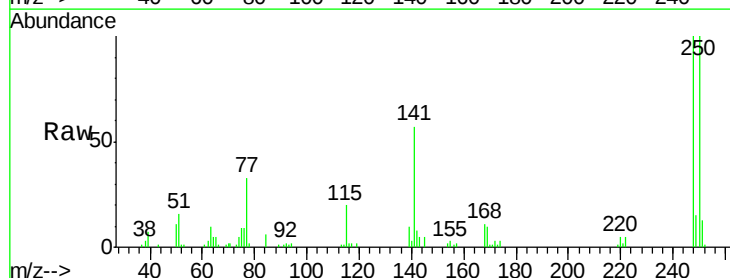
Tgt Ion:248 Resp: 58884

Ion Ratio Lower Upper

248 100

250 99.7 78.2 117.2

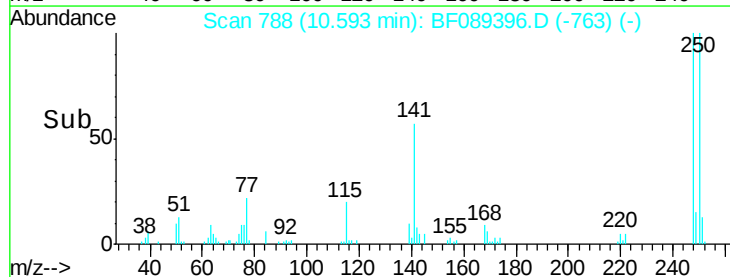
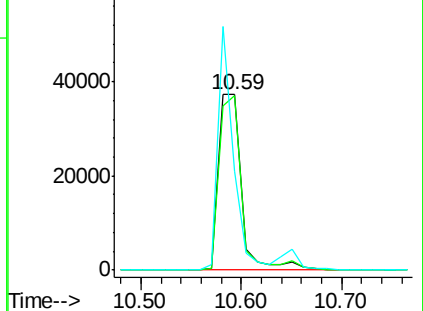
141 56.7 62.0 93.0#

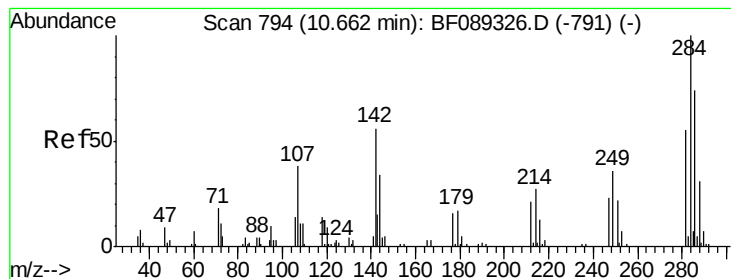


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.88 ng

RT: 10.65 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

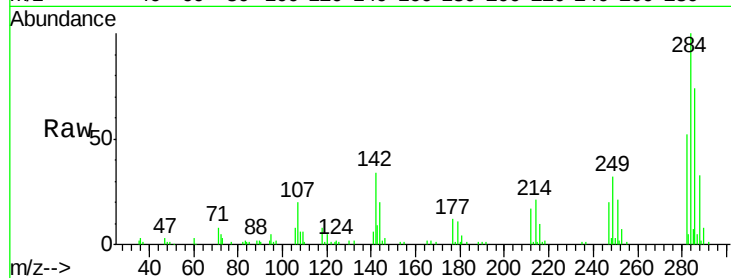
Tgt Ion:284 Resp: 59234

Ion Ratio Lower Upper

284 100

142 33.5 42.2 63.4#

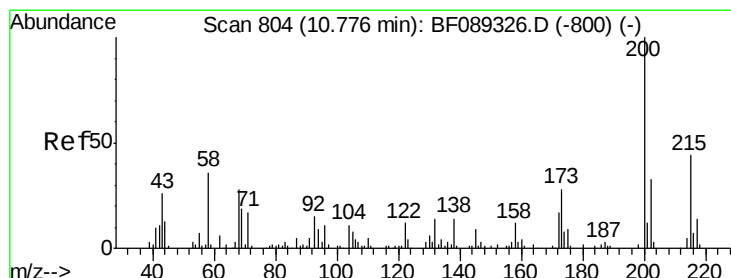
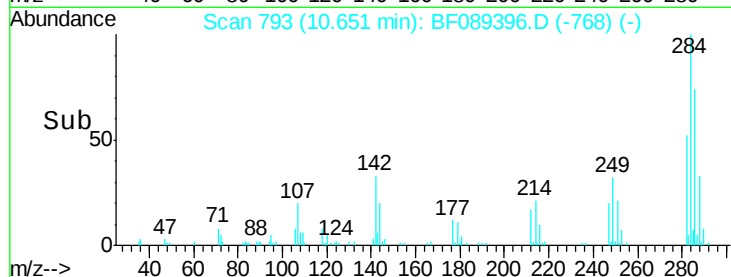
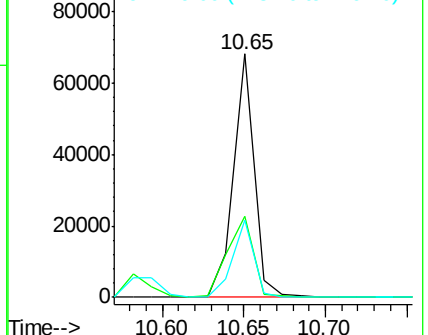
249 31.8 29.4 44.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.10 ng

RT: 10.75 min Scan# 802

Delta R.T. -0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

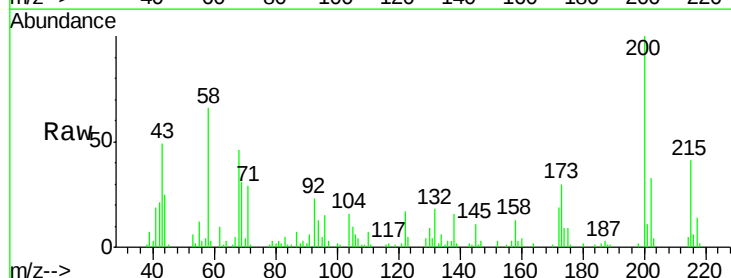
Tgt Ion:200 Resp: 57074

Ion Ratio Lower Upper

200 100

173 30.0 6.0 46.0

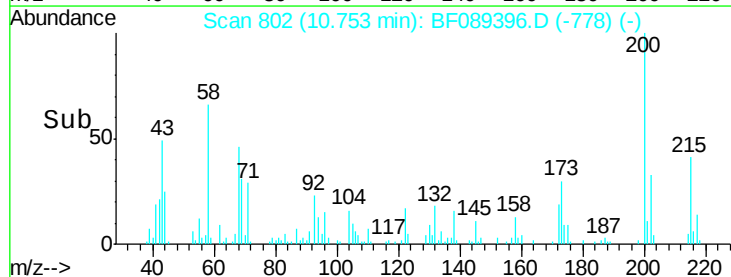
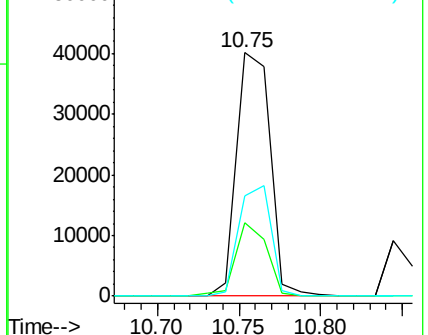
215 41.3 24.3 64.3

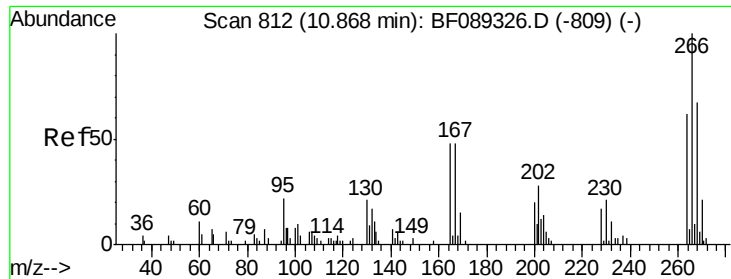


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

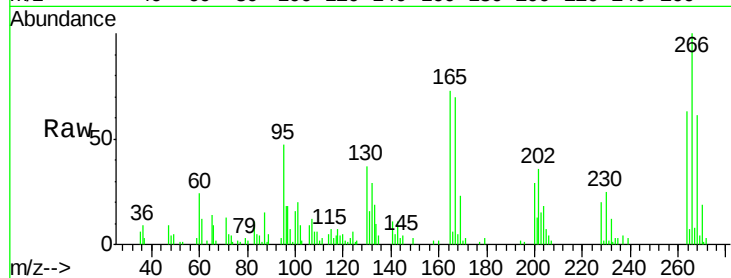




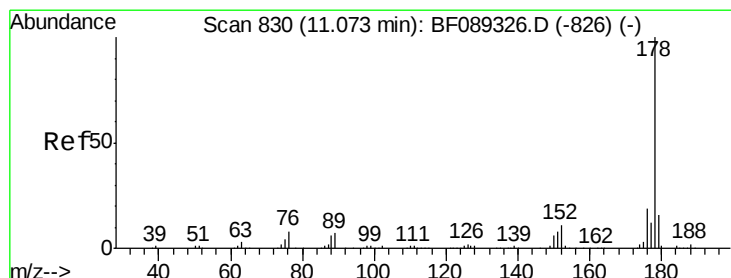
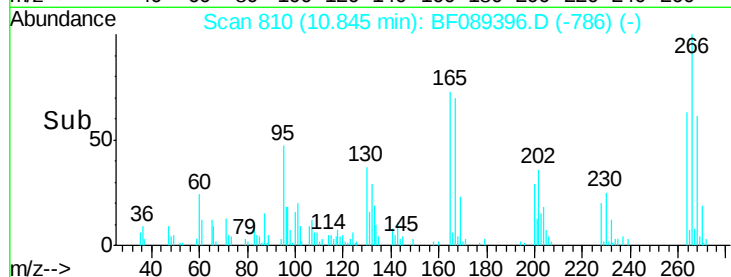
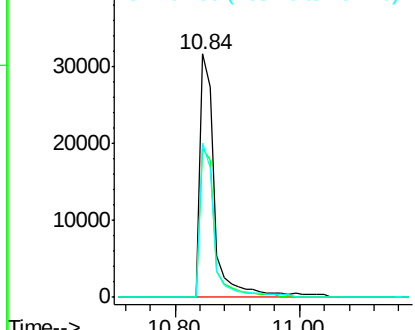
#69
 Pentachlorophenol
 Concen: 85.80 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Instrument :
 BNA_F
 ClientSampleId :
 PB92528BS

Tgt Ion:266 Resp: 52819
 Ion Ratio Lower Upper
 266 100
 268 61.3 49.4 74.2
 264 63.3 50.2 75.2

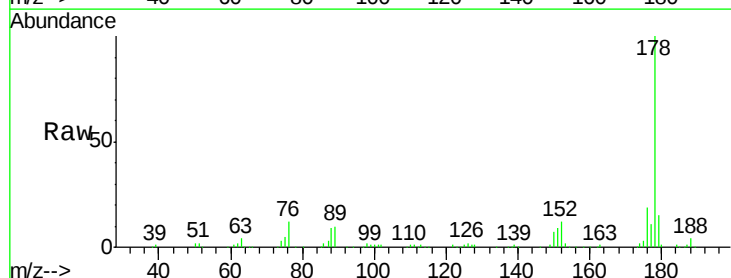


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

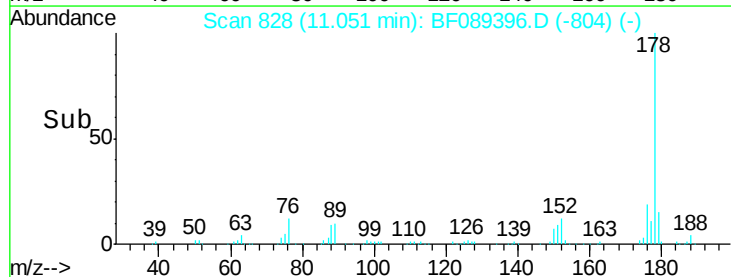
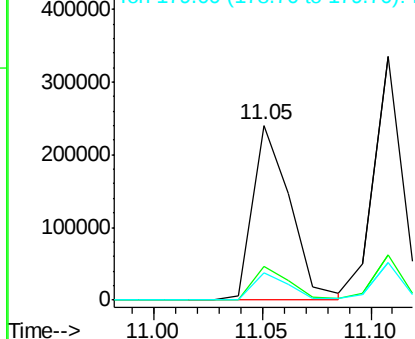


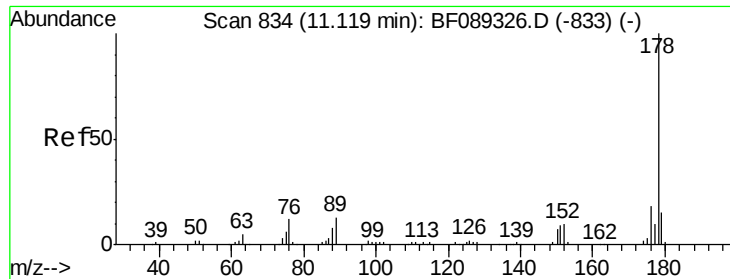
#70
 Phenanthrene
 Concen: 43.40 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Tgt Ion:178 Resp: 289089
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.5 23.3
 179 15.5 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

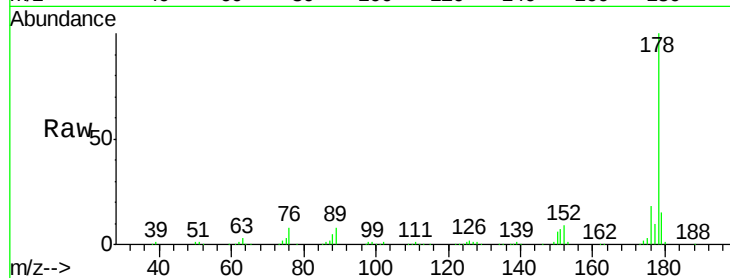




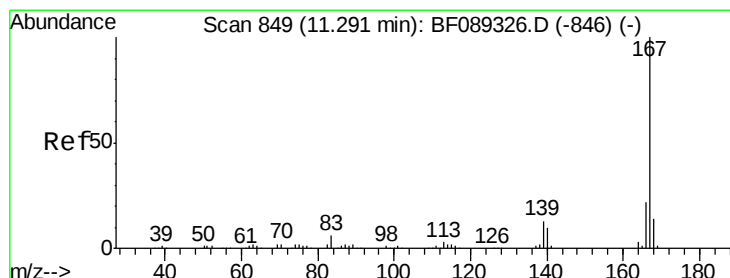
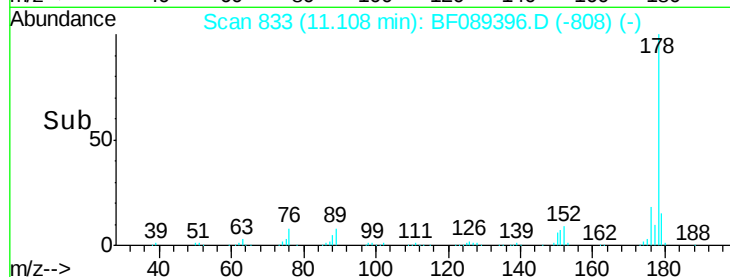
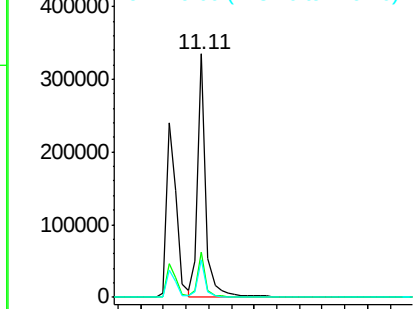
#71
 Anthracene
 Concen: 44.96 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Instrument :
 BNA_F
 ClientSampleId :
 PB92528BS

Tgt Ion:178 Resp: 332935
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.8 22.2
 179 15.4 12.6 18.8

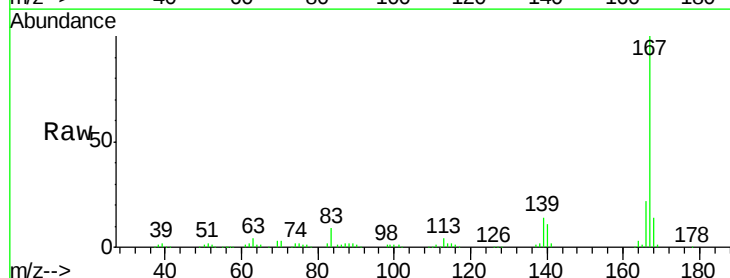


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

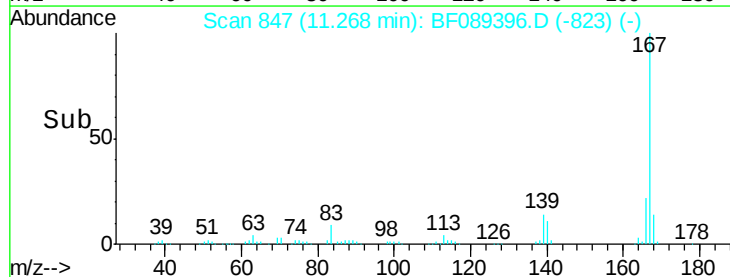
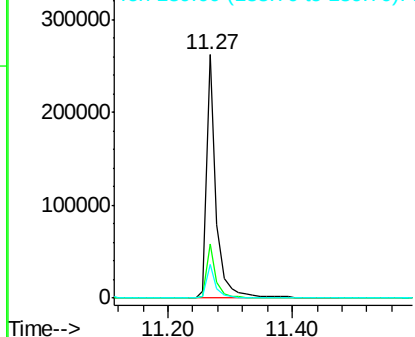


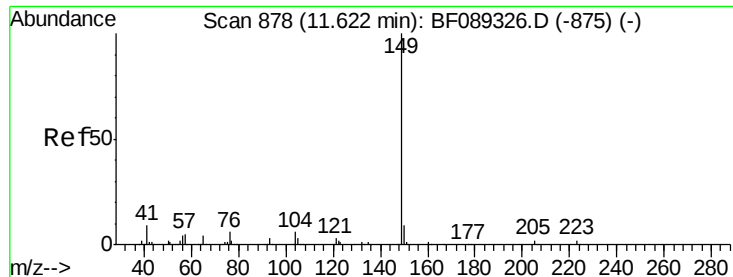
#72
 Carbazole
 Concen: 44.86 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.02 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Tgt Ion:167 Resp: 279672
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 14.1 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.98 ng

RT: 11.61 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

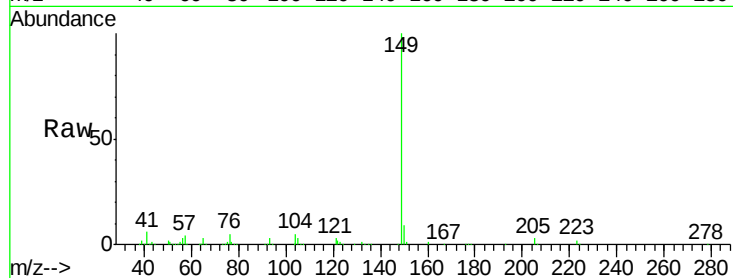
Tgt Ion:149 Resp: 392958

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

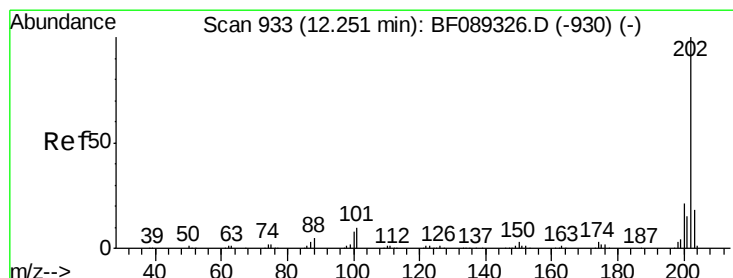
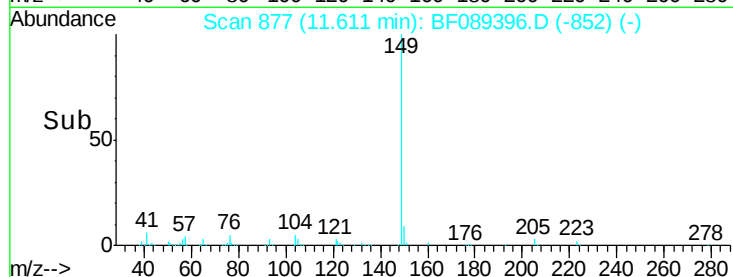
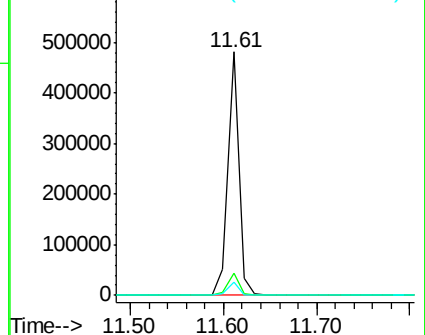
104 5.2 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.58 ng

RT: 12.23 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

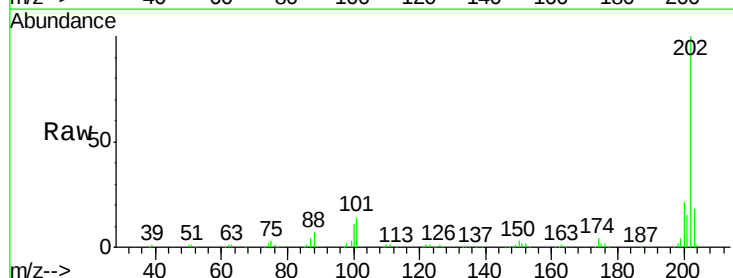
Tgt Ion:202 Resp: 277304

Ion Ratio Lower Upper

202 100

101 14.4 0.0 29.9

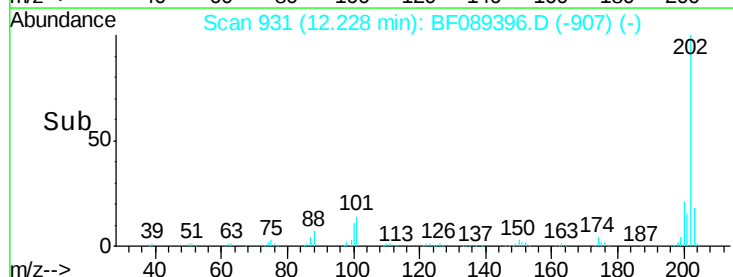
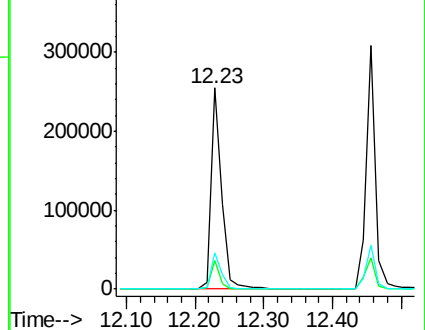
203 17.9 0.0 37.3

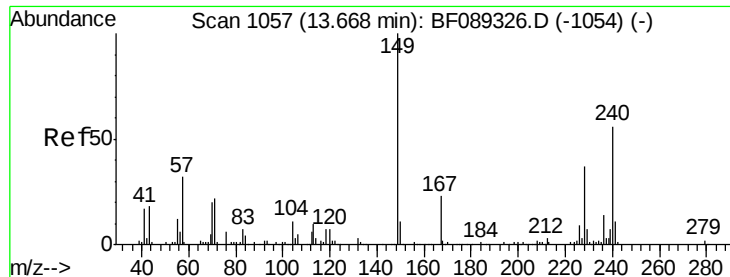


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

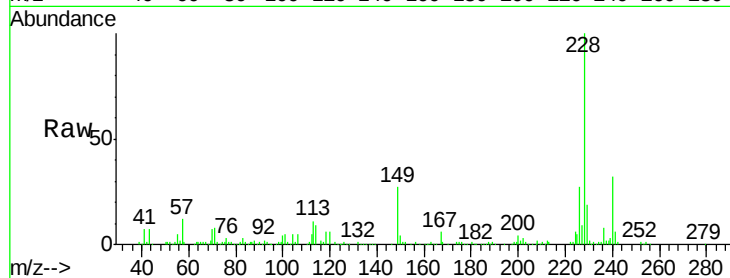
Tgt Ion:240 Resp: 88287

Ion Ratio Lower Upper

240 100

120 20.0 9.1 13.7#

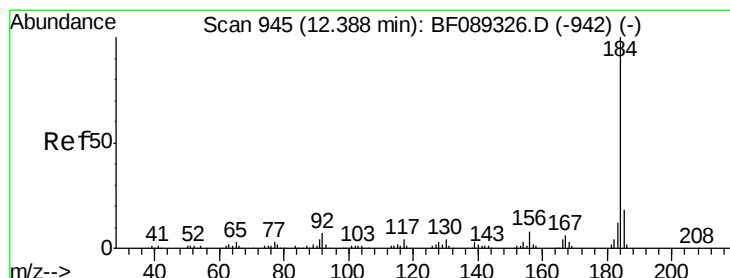
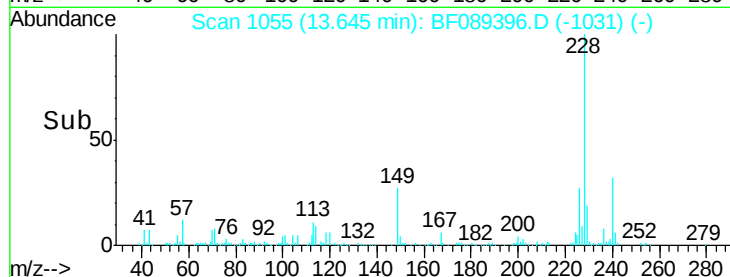
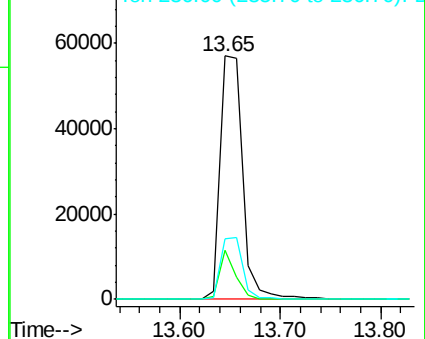
236 25.1 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 46.06 ng

RT: 12.37 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

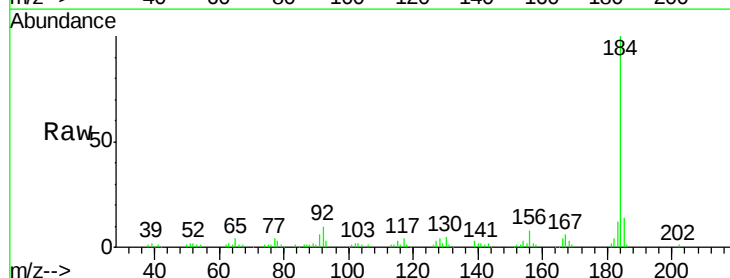
Tgt Ion:184 Resp: 150265

Ion Ratio Lower Upper

184 100

185 14.0 13.5 20.3

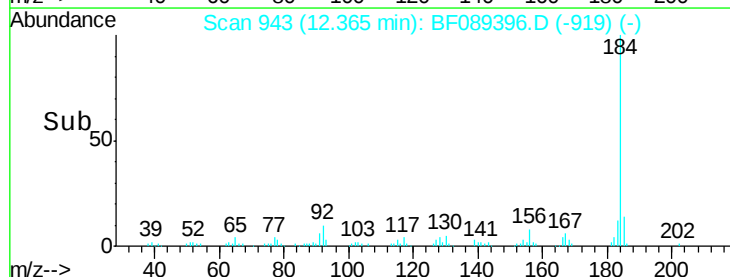
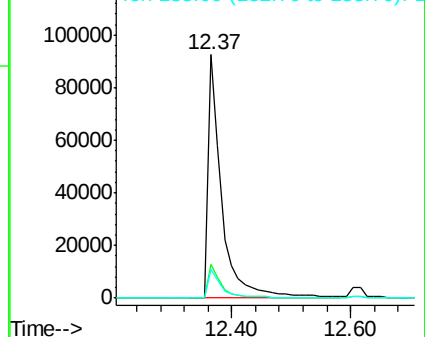
183 11.9 9.8 14.6

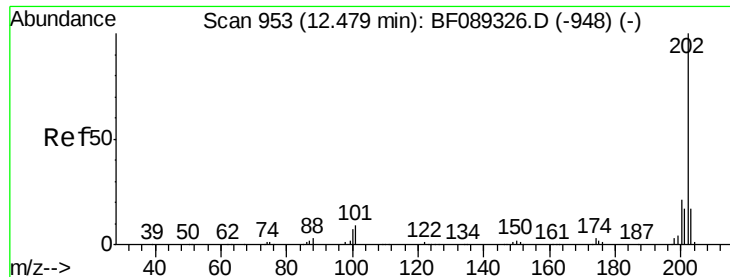


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

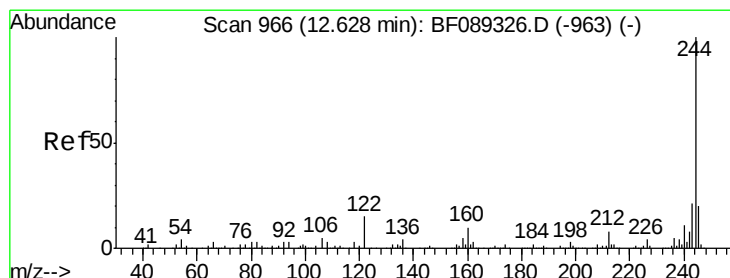
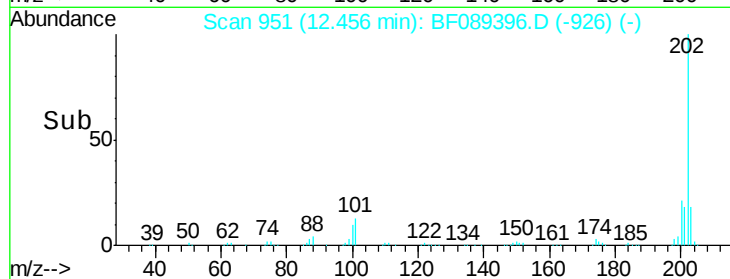
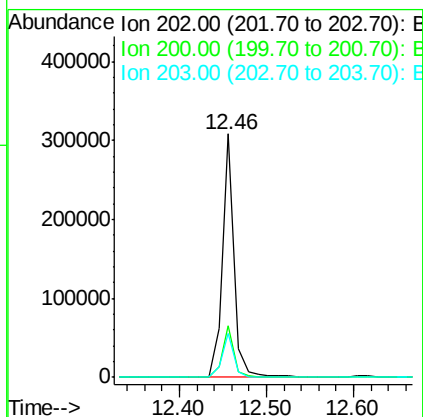
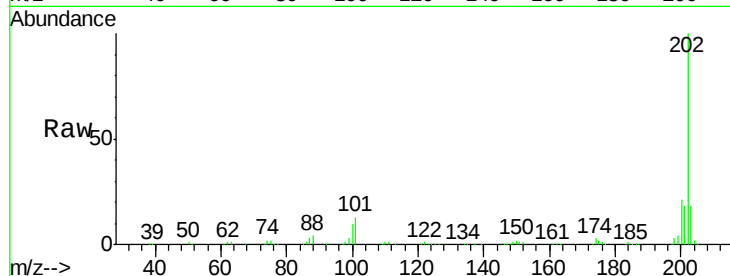




#77
Pyrene
 Concen: 43.35 ng
 RT: 12.46 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

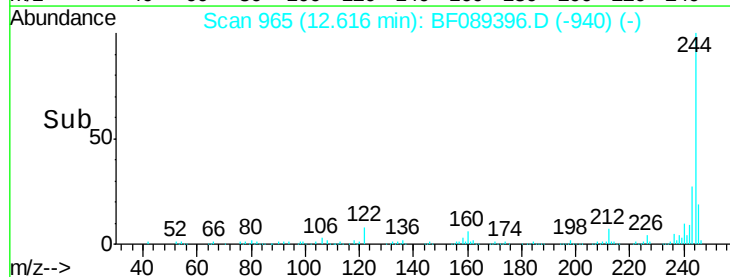
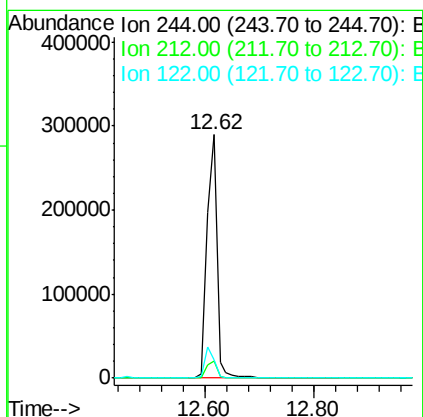
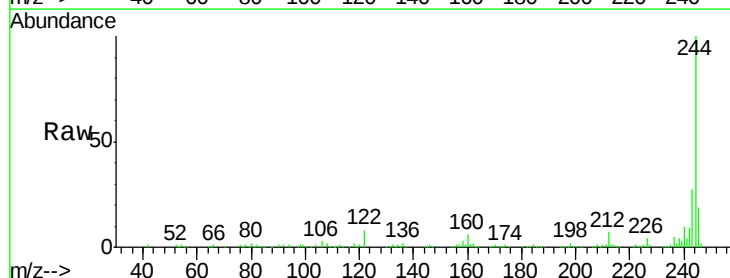
Instrument :
 BNA_F
 ClientSampleId :
 PB92528BS

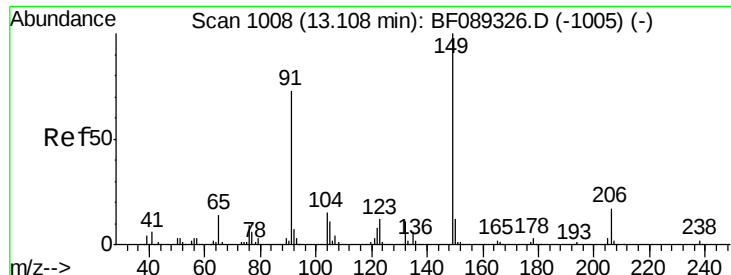
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	17.8	14.0	21.0



#78
Terphenyl-d14
 Concen: 97.11 ng
 RT: 12.62 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	7.6	11.4	17.0

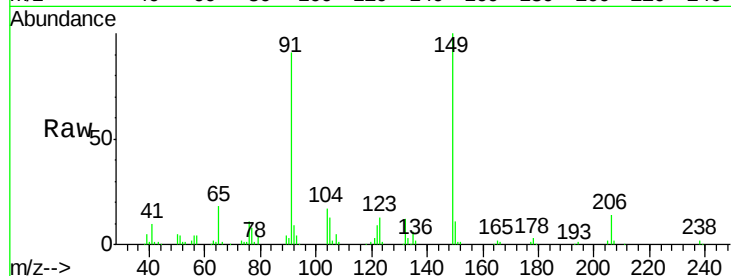




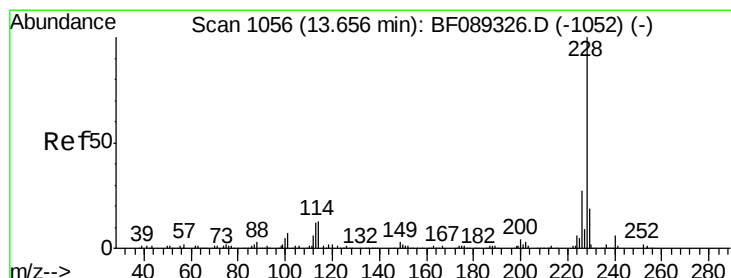
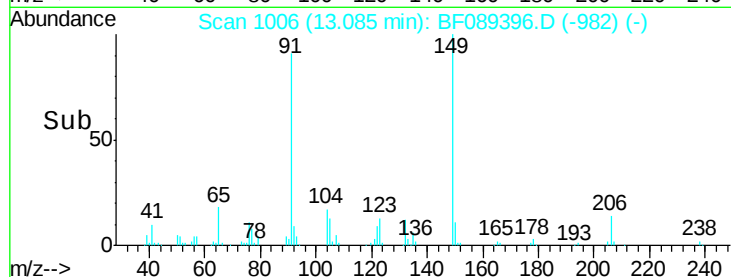
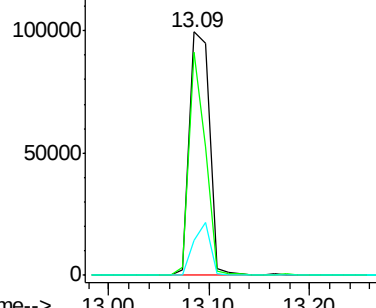
#79
Butylbenzylphthalate
Concen: 45.64 ng
RT: 13.09 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF089396.D
Acq: 29 Jul 2016 7:24

Instrument :
BNA_F
ClientSampled :
PB92528BS

Tgt Ion:149 Resp: 138836
Ion Ratio Lower Upper
149 100
91 91.5 58.5 87.7#
206 14.1 13.8 20.8

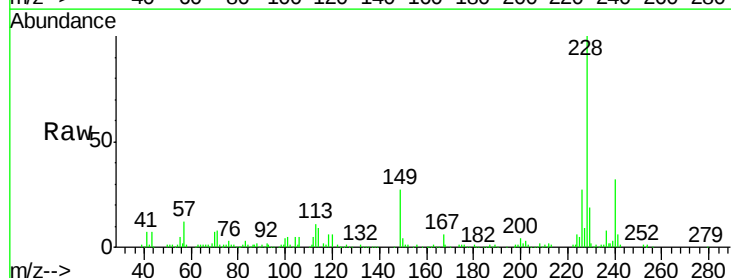


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

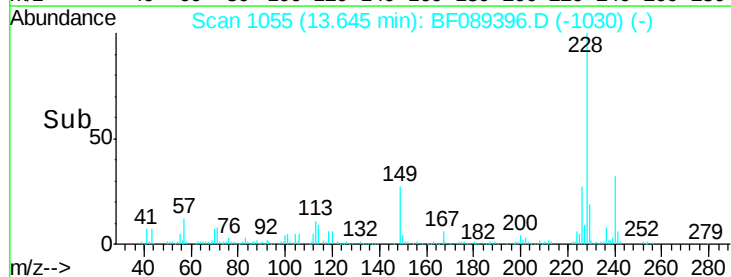
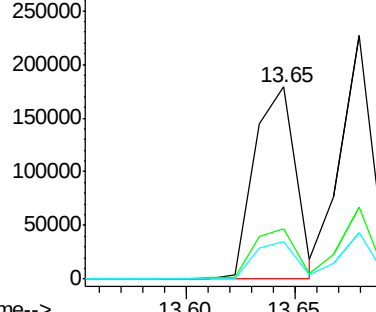


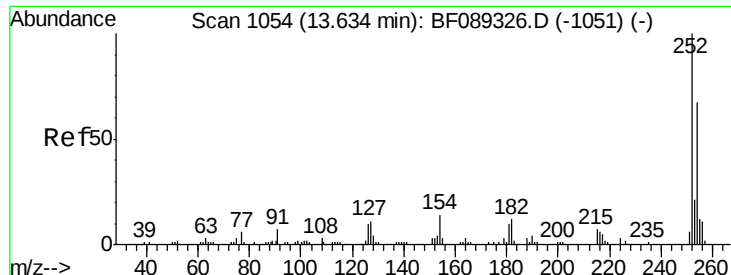
#80
Benzo(a)anthracene
Concen: 47.76 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF089396.D
Acq: 29 Jul 2016 7:24

Tgt Ion:228 Resp: 237959
Ion Ratio Lower Upper
228 100
226 26.5 21.4 32.2
229 19.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

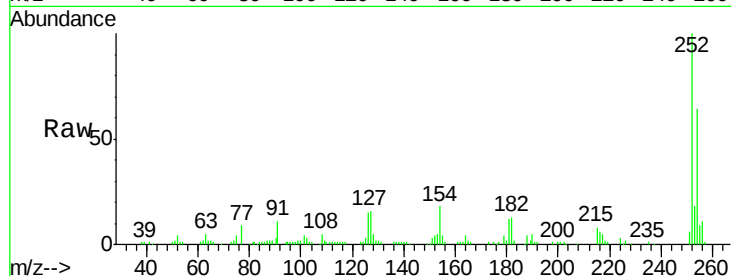




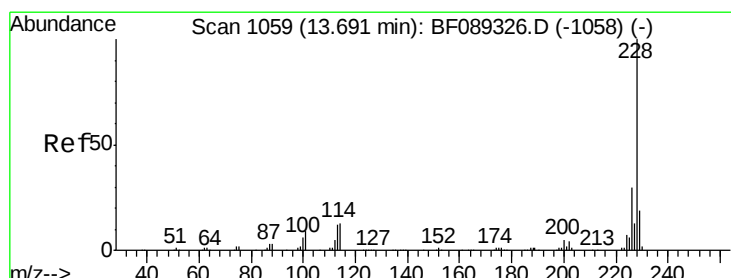
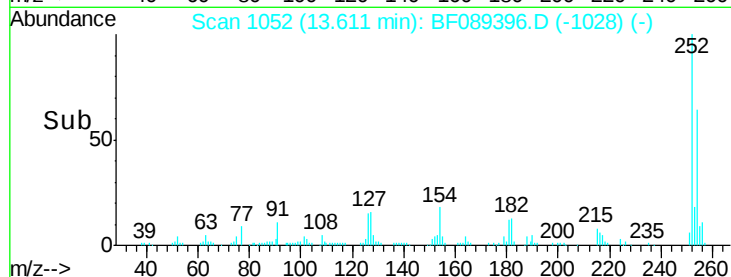
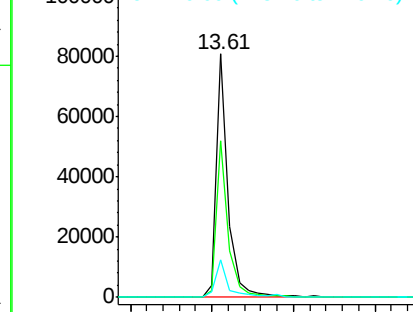
#81
 3,3'-Dichlorobenzidine
 Concen: 46.06 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Instrument :
 BNA_F
 ClientSampleId :
 PB92528BS

Tgt Ion:252 Resp: 82579
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.5 78.7
 126 15.2 7.4 11.2#

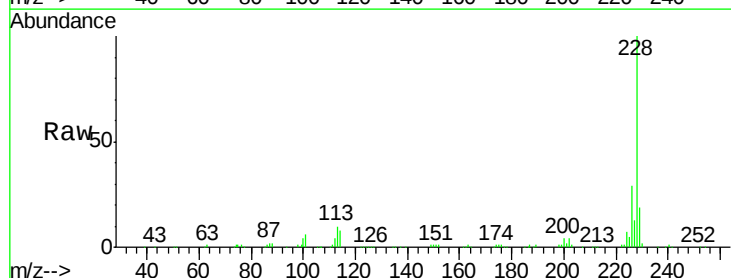


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

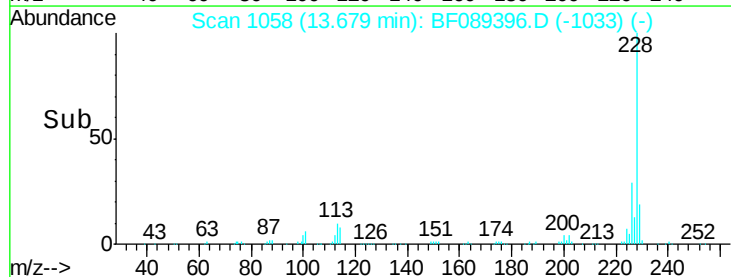
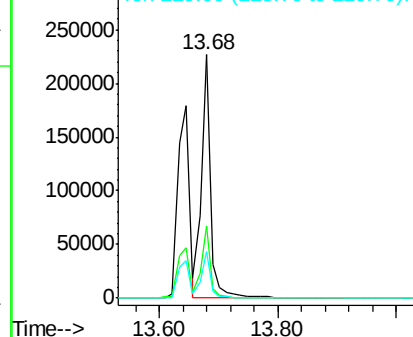


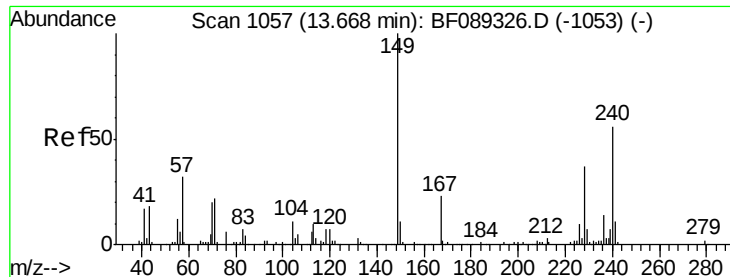
#82
 Chrysene
 Concen: 47.45 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Tgt Ion:228 Resp: 251625
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.2 36.2
 229 19.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.28 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

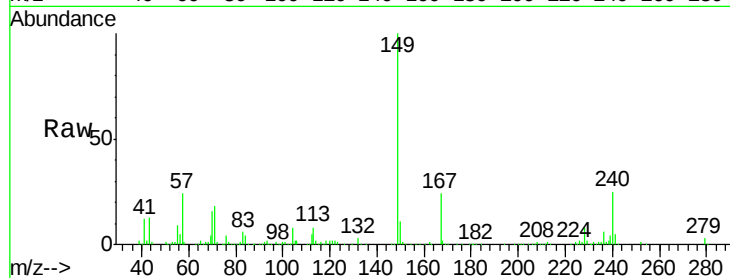
Tgt Ion:149 Resp: 203505

Ion Ratio Lower Upper

149 100

167 24.4 18.8 28.2

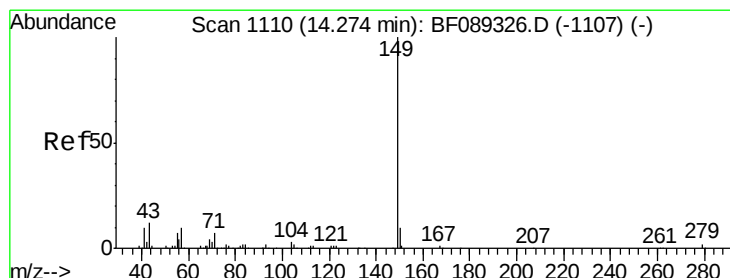
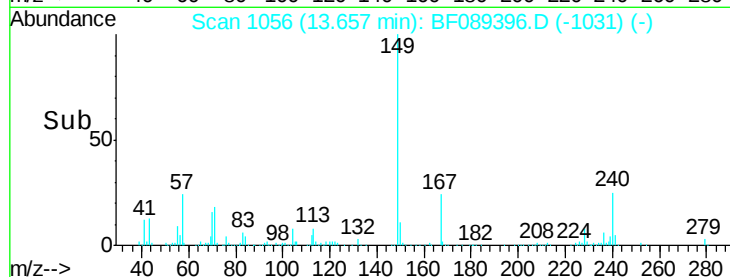
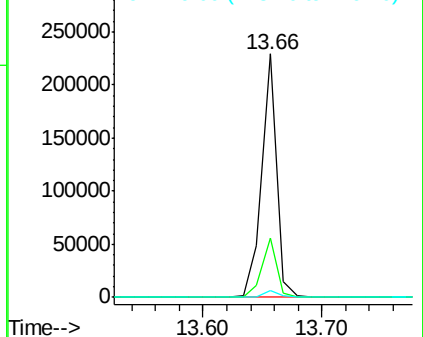
279 2.6 1.4 2.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.05 ng

RT: 14.26 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

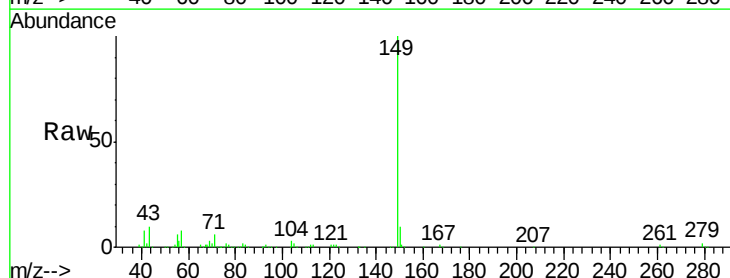
Tgt Ion:149 Resp: 329688

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

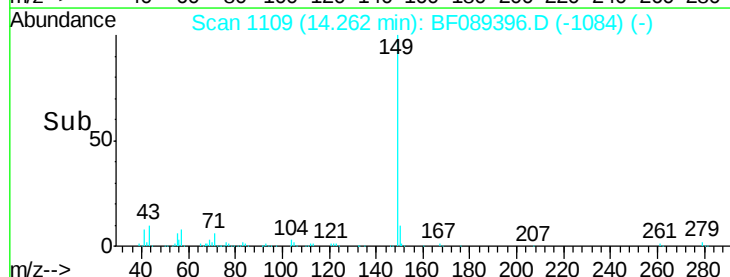
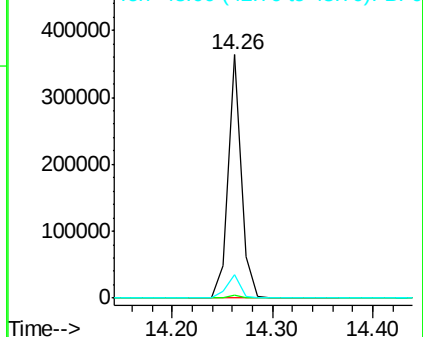
43 10.1 7.3 10.9

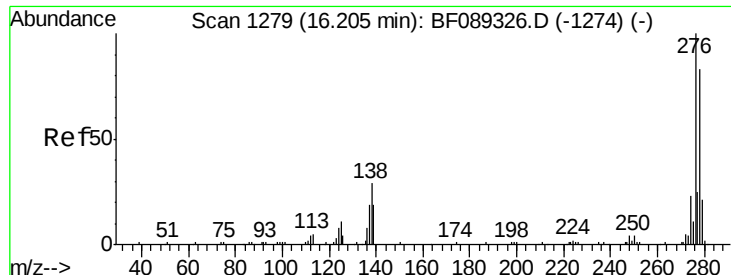


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

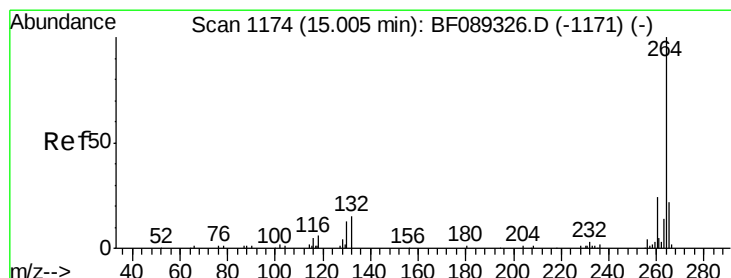
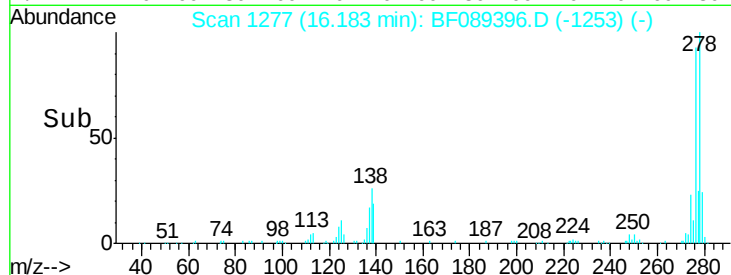
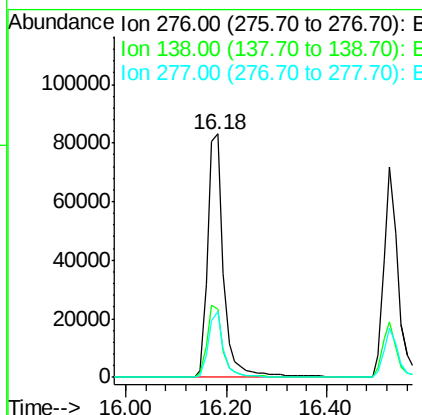
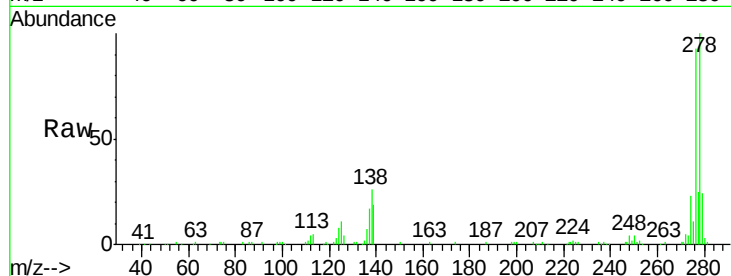




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.88 ng
 RT: 16.18 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

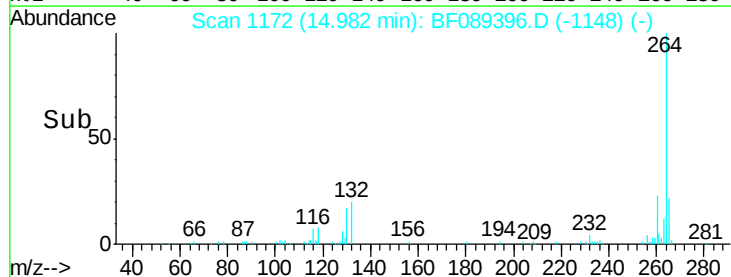
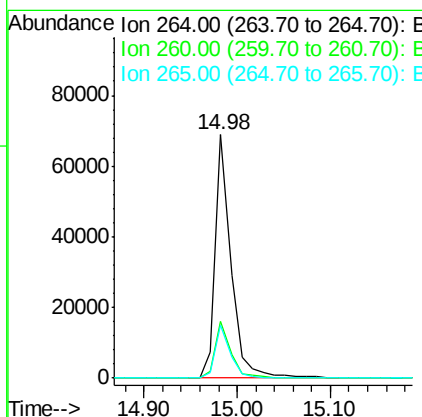
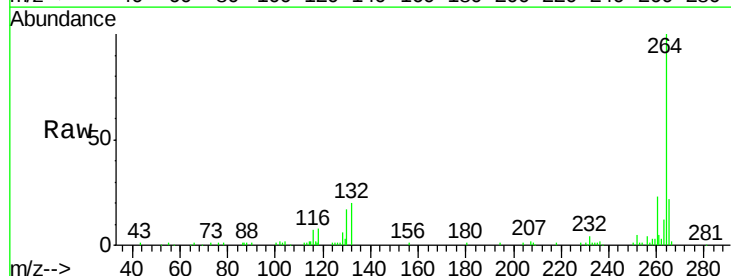
Instrument :
 BNA_F
 ClientSampled :
 PB92528BS

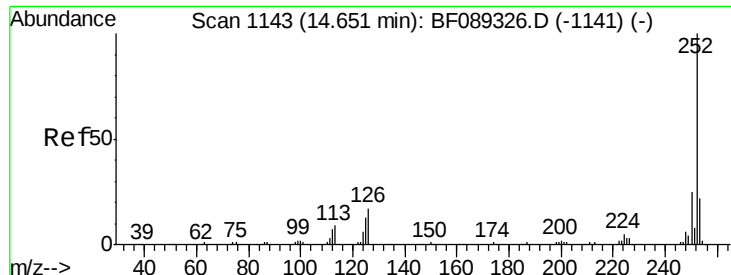
Tgt Ion: 276 Resp: 184327
 Ion Ratio Lower Upper
 276 100
 138 28.9 23.0 34.4
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF089396.D
 Acq: 29 Jul 2016 7:24

Tgt Ion: 264 Resp: 81045
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 21.8 17.5 26.3

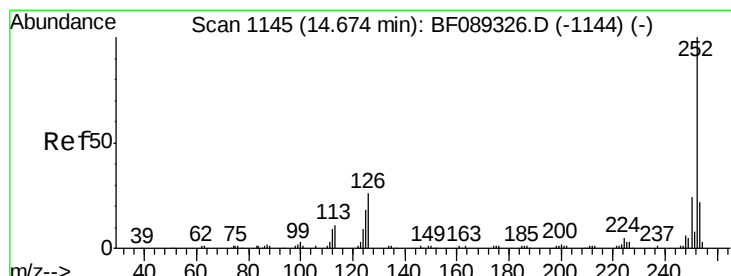
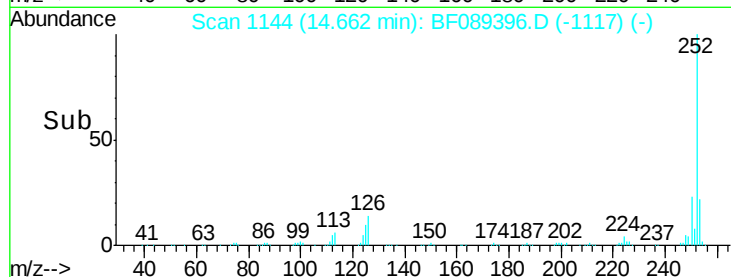
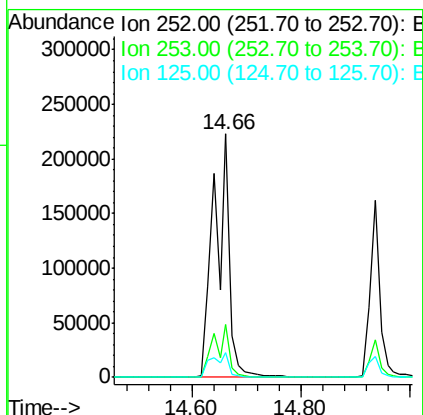
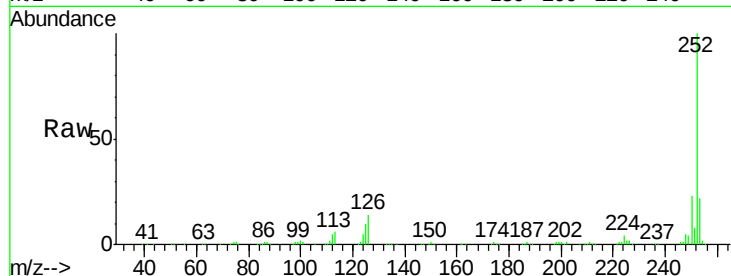




#87
Benzo(b)fluoranthene
Concen: 88.09 ng
RT: 14.66 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BF089396.D
Acq: 29 Jul 2016 7:24

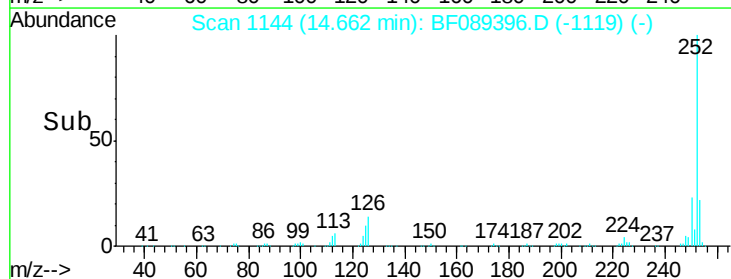
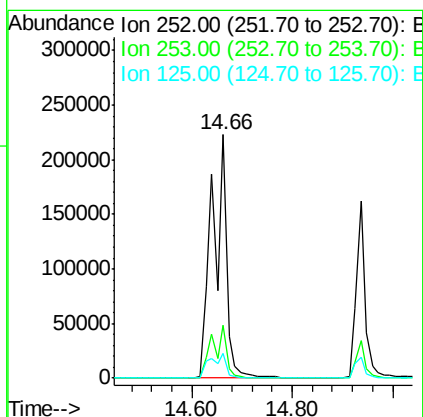
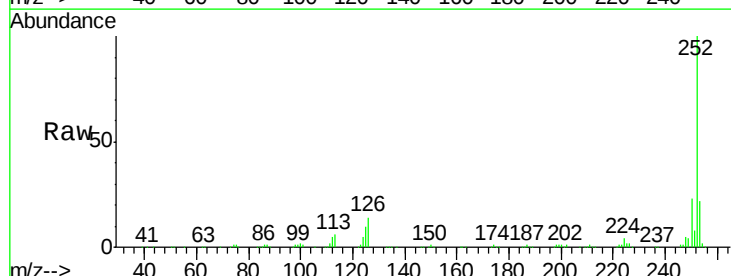
Instrument :
BNA_F
ClientSampleId :
PB92528BS

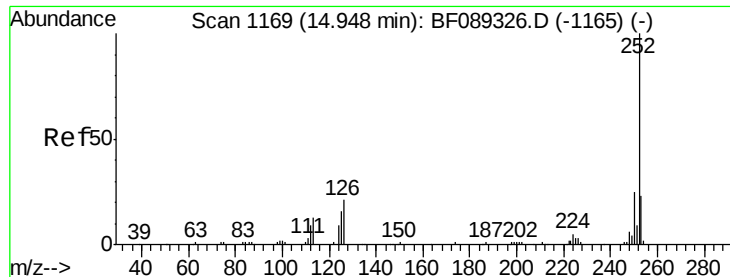
Tgt Ion: 252 Resp: 443365
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.1 9.7 14.5



#88
Benzo(k)fluoranthene
Concen: 95.91 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF089396.D
Acq: 29 Jul 2016 7:24

Tgt Ion: 252 Resp: 443826
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.1 10.7 16.1#





#89

Benzo(a)pyrene

Concen: 44.61 ng

RT: 14.94 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

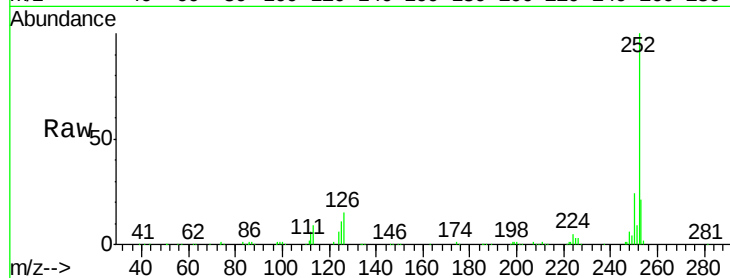
Tgt Ion:252 Resp: 201406

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

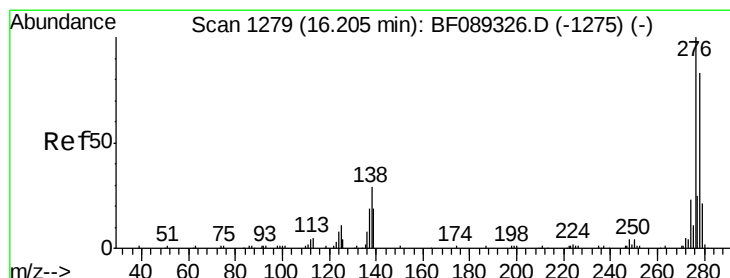
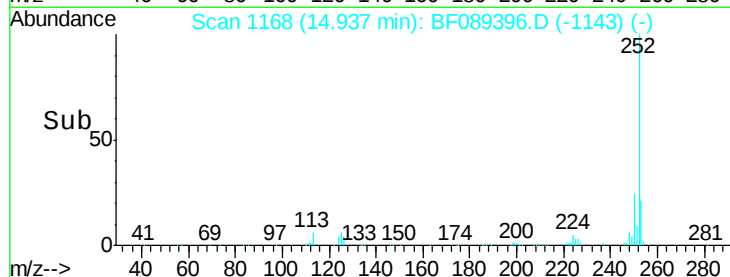
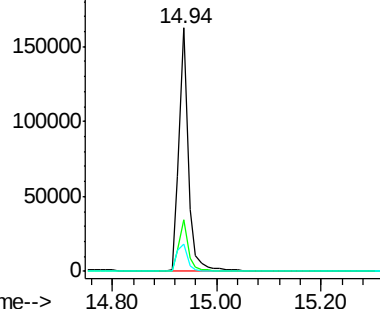
125 11.4 12.4 18.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.55 ng

RT: 16.18 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

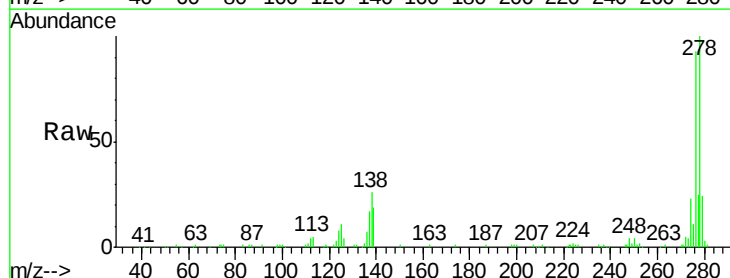
Tgt Ion:278 Resp: 158445

Ion Ratio Lower Upper

278 100

139 18.6 16.3 24.5

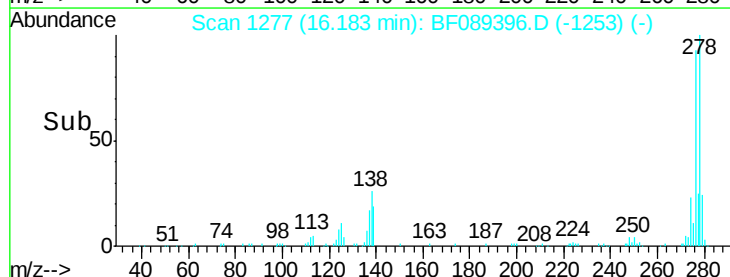
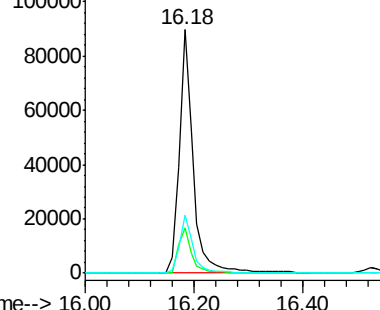
279 23.6 19.1 28.7

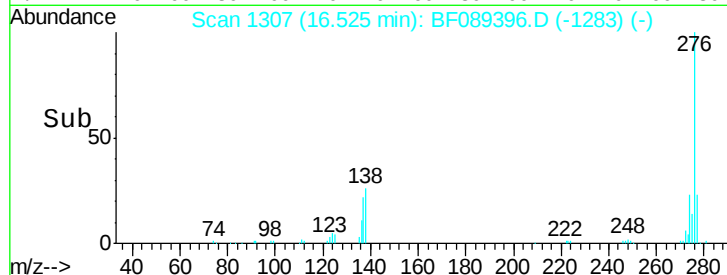
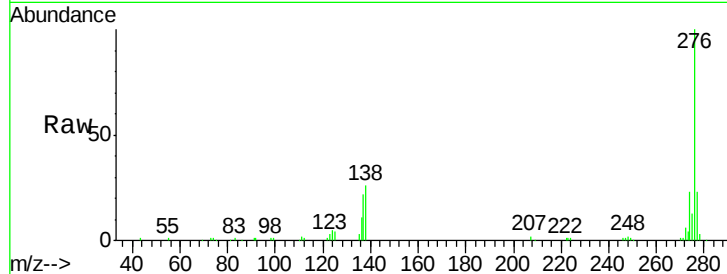
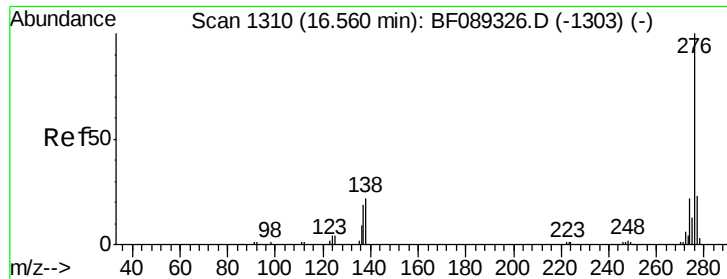


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.73 ng

RT: 16.53 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF089396.D

Acq: 29 Jul 2016 7:24

Instrument :

BNA_F

ClientSampleId :

PB92528BS

Tgt Ion: 276 Resp: 145897

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 26.3 21.4 32.0

