

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
 Data File : BF089542.D
 Acq On : 2 Aug 2016 12:45
 Operator : UM/SJ
 Sample : PB92596BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92596BS

Quant Time: Aug 03 01:35:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 03 01:32:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	43485	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	182442	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	83810	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	159534	20.00	ng	0.00
75) Chrysene-d12	13.60	240	112320	20.00	ng	0.00
86) Perylene-d12	14.91	264	86702	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.05	112	337343	123.87	ng	0.02
7) Phenol-d6	6.15	99	449291	124.83	ng	0.01
23) Nitrobenzene-d5	7.05	82	284647	92.09	ng	0.00
41) 2,4,6-Tribromophenol	10.30	330	97480	140.44	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	550166	96.34	ng	0.00
78) Terphenyl-d14	12.56	244	485494	101.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.93	88	46691	37.63	ng	# 93
3) Pyridine	2.51	79	118636	44.52	ng	100
4) n-Nitrosodimethylamine	2.49	42	48829	45.07	ng	93
6) Aniline	6.14	93	118627	30.53	ng	95
8) 2-Chlorophenol	6.26	128	139344	45.23	ng	98
9) Benzaldehyde	6.01	77	54864	31.22	ng	94
10) Phenol	6.16	94	177978	44.81	ng	79
11) bis(2-Chloroethyl)ether	6.23	93	140673	41.69	ng	99
12) 1,3-Dichlorobenzene	6.41	146	133524m	41.44	ng	
13) 1,4-Dichlorobenzene	6.49	146	147152	41.38	ng	95
14) 1,2-Dichlorobenzene	6.64	146	137854m	41.38	ng	
15) Benzyl Alcohol	6.64	79	119676	53.58	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.78	45	156518	42.52	ng	88
17) 2-Methylphenol	6.76	107	107328	45.08	ng	97
18) Hexachloroethane	6.98	117	57671	42.30	ng	# 86
19) n-Nitroso-di-n-propylamine	6.91	70	110723	51.02	ng	96
20) 3+4-Methylphenols	6.92	107	140208	45.85	ng	# 84
22) Acetophenone	6.90	105	179414	41.31	ng	98
24) Nitrobenzene	7.07	77	136800	38.89	ng	98
25) Isophorone	7.31	82	272612	43.78	ng	99
26) 2-Nitrophenol	7.38	139	68629	43.64	ng	# 76
27) 2,4-Dimethylphenol	7.45	122	117904	47.06	ng	94
28) bis(2-Chloroethoxy)methane	7.53	93	164862	47.83	ng	99
29) 2,4-Dichlorophenol	7.63	162	110046	48.20	ng	93
30) 1,2,4-Trichlorobenzene	7.71	180	114845	44.09	ng	98
31) Naphthalene	7.78	128	425905	47.14	ng	100
32) Benzoic acid	7.61	122	65596	37.57	ng	96
33) 4-Chloroaniline	7.85	127	67049	19.49	ng	97
34) Hexachlorobutadiene	7.91	225	63744	42.73	ng	98
35) Caprolactam	8.23	113	32939m	47.80	ng	
36) 4-Chloro-3-methylphenol	8.35	107	127772	47.09	ng	99
37) 2-Methylnaphthalene	8.47	142	247333	45.43	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	97229	33.15	ng	99
40) Hexachlorocyclopentadiene	8.63	237	77875	91.68	ng	98

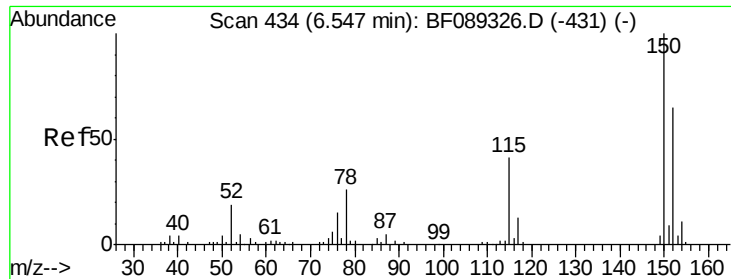
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
 Data File : BF089542.D
 Acq On : 2 Aug 2016 12:45
 Operator : UM/SJ
 Sample : PB92596BS
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 QLast Update : Wed Aug 03 01:32:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	70367	50.46	nq	97
43) 2,4,5-Trichlorophenol	8.81	196	82674	46.81	nq	97
45) 1,1'-Biphenyl	8.94	154	280883	39.36	nq	98
46) 2-Chloronaphthalene	8.96	162	252377	47.09	nq	97
47) 2-Nitroaniline	9.07	65	77457	48.81	nq	94
48) Acenaphthylene	9.37	152	381528	45.20	nq	100
49) Dimethylphthalate	9.26	163	299084	46.89	nq	100
50) 2,6-Dinitrotoluene	9.31	165	64042	48.87	nq	# 85
51) Acenaphthene	9.54	154	224650	45.57	nq	99
52) 3-Nitroaniline	9.48	138	36792	26.60	nq	95
53) 2,4-Dinitrophenol	9.60	184	56410	88.07	nq	93
54) Dibenzofuran	9.71	168	347884	51.79	nq	97
55) 4-Nitrophenol	9.68	139	54681m	81.09	nq	
56) 2,4-Dinitrotoluene	9.72	165	83525	48.41	nq	# 57
57) Fluorene	10.04	166	255829	43.63	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.84	232	65986	55.95	nq	99
59) Diethylphthalate	9.95	149	294211	45.50	nq	# 93
60) 4-Chlorophenyl-phenylether	10.04	204	114858	42.70	nq	# 78
61) 4-Nitroaniline	10.10	138	61910	43.43	nq	87
62) Azobenzene	10.20	77	335645	50.40	nq	96
64) 4,6-Dinitro-2-methylphenol	10.12	198	42350	44.35	nq	# 46
65) n-Nitrosodiphenylamine	10.17	169	229008	46.01	nq	99
66) 4-Bromophenyl-phenylether	10.54	248	68492	44.97	nq	# 89
67) Hexachlorobenzene	10.59	284	73317	46.97	nq	# 87
68) Atrazine	10.71	200	70874	46.35	nq	98
69) Pentachlorophenol	10.80	266	65861	86.55	nq	97
70) Phenanthrene	11.00	178	379557	46.13	nq	98
71) Anthracene	11.05	178	424938	46.45	nq	100
72) Carbazole	11.21	167	355858	46.21	nq	98
73) Di-n-butylphthalate	11.55	149	430740	41.69	nq	99
74) Fluoranthene	12.17	202	390749	45.15	nq	95
76) Benzidine	12.31	184	135588	32.67	nq	96
77) Pyrene	12.40	202	410234	48.19	nq	99
79) Butylbenzylphthalate	13.04	149	204882	52.94	nq	90
80) Benzo(a)anthracene	13.59	228	303699	47.91	nq	99
81) 3,3'-Dichlorobenzidine	13.55	252	70178	30.77	nq	# 98
82) Chrysene	13.62	228	315683	46.79	nq	100
83) Bis(2-ethylhexyl)phthalate	13.60	149	261140	46.68	nq	# 99
84) Di-n-octyl phthalate	14.21	149	407302	46.66	nq	98
85) Indeno(1,2,3-cd)pyrene	16.08	276	223362	46.56	nq	99
87) Benzo(b)fluoranthene	14.58	252	282177m	52.41	nq	
88) Benzo(k)fluoranthene	14.61	252	204812m	41.37	nq	
89) Benzo(a)pyrene	14.87	252	212085	43.91	nq	100
90) Dibenzo(a,h)anthracene	16.09	278	187861	49.37	nq	95
91) Benzo(g,h,i)perylene	16.42	276	189268	50.60	nq	98

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

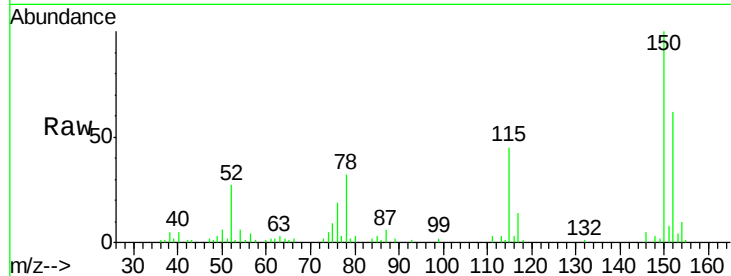


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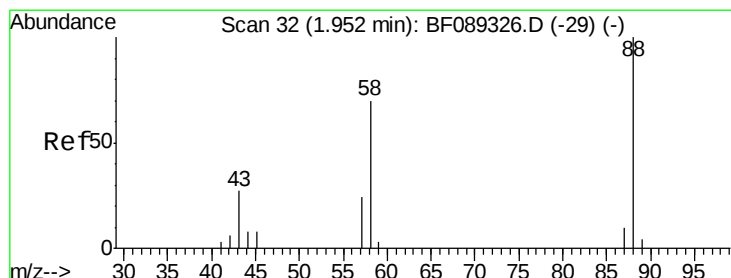
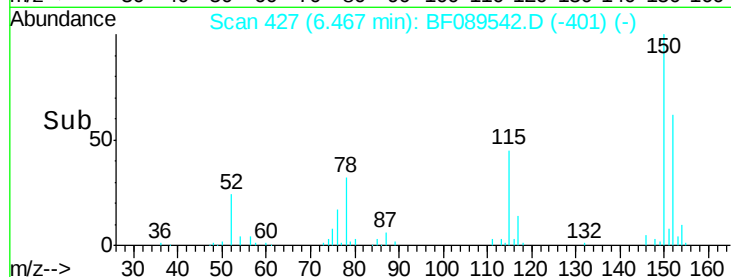
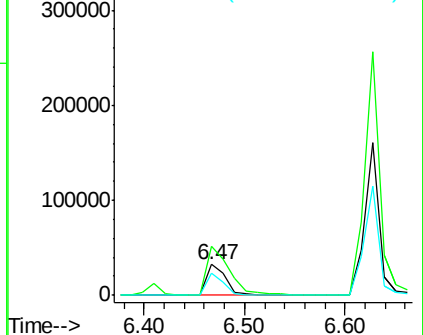
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.47 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB92596BS

Tot Ion:152 Resp: 43485
Ion Ratio Lower Upper
152 100
150 161.2 129.5 194.3
115 72.2 51.4 77.2



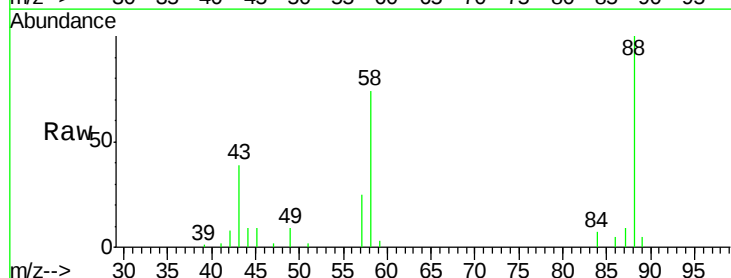
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



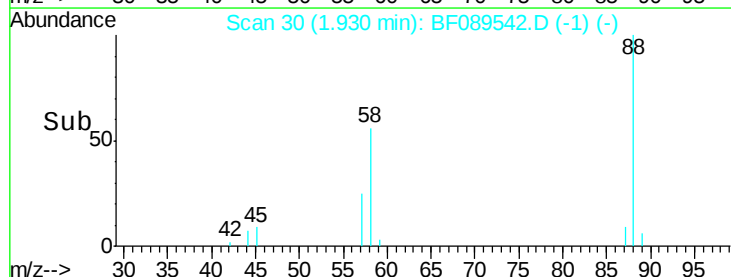
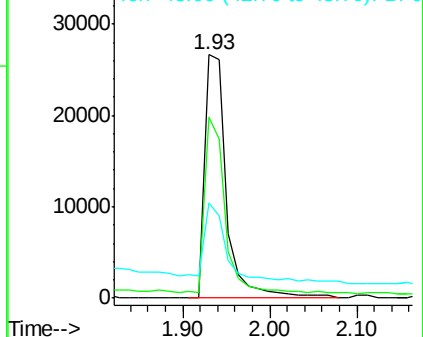
#2

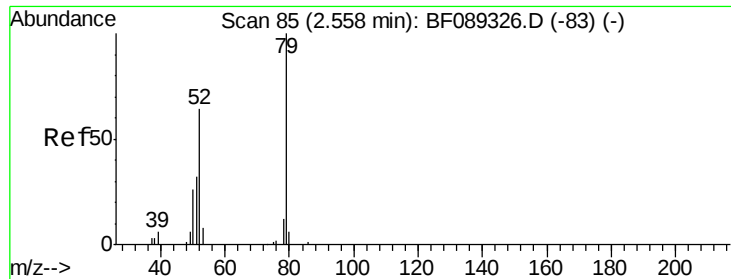
1,4-Dioxane
Concen: 37.63 ng
RT: 1.93 min Scan# 30
Delta R.T. 0.09 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

Tgt Ion: 88 Resp: 46691
Ion Ratio Lower Upper
88 100
58 65.7 53.2 79.8
43 37.4 20.6 31.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.52 ng

RT: 2.51 min Scan# 81

Delta R.T. 0.08 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB92596BS

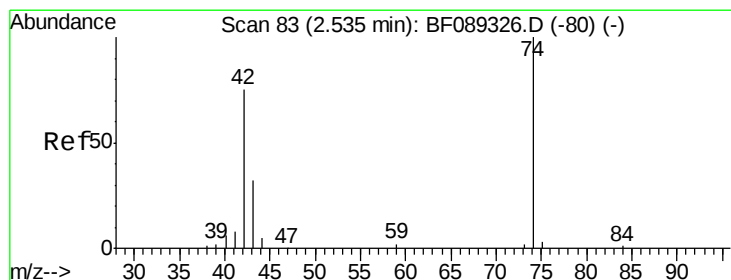
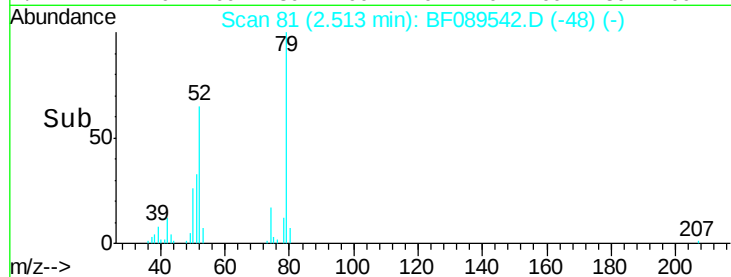
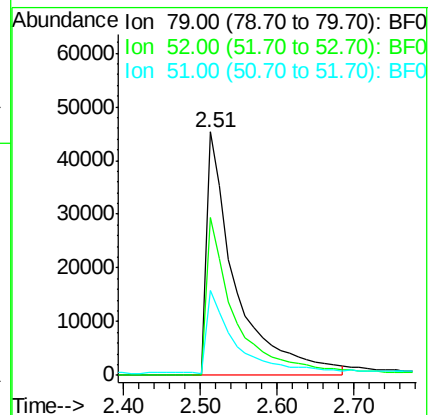
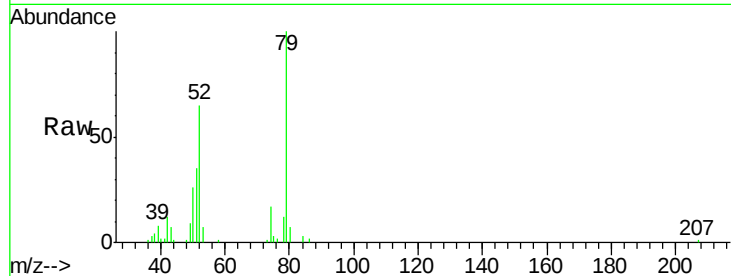
Tot Ion: 79 Resp: 118636

Ion Ratio Lower Upper

79 100

52 65.0 51.9 77.9

51 34.7 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 45.07 ng

RT: 2.49 min Scan# 79

Delta R.T. 0.09 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

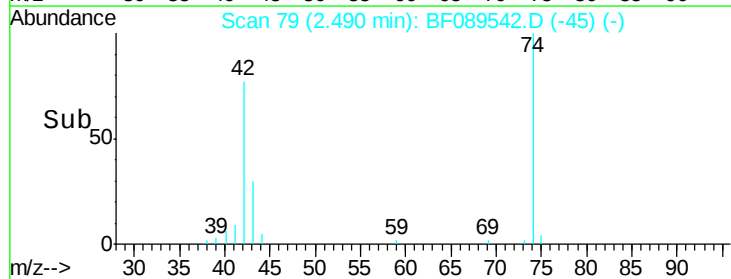
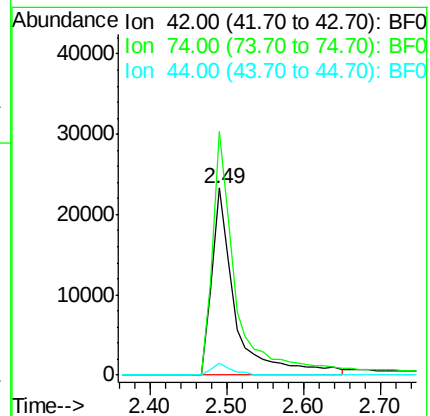
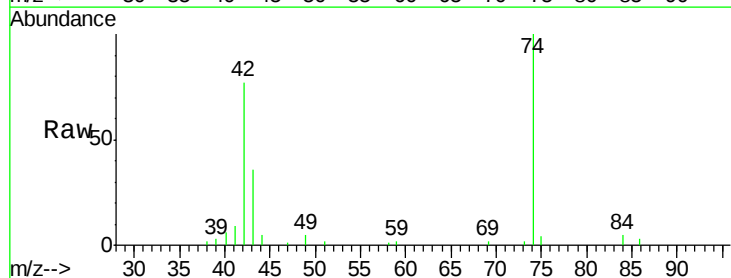
Tgt Ion: 42 Resp: 48829

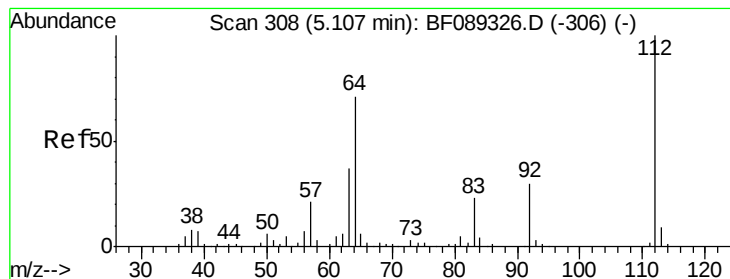
Ion Ratio Lower Upper

42 100

74 130.2 110.8 166.2

44 6.6 5.2 7.8





#5

2-Fluorophenol

Concen: 123.87 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.02 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB92596BS

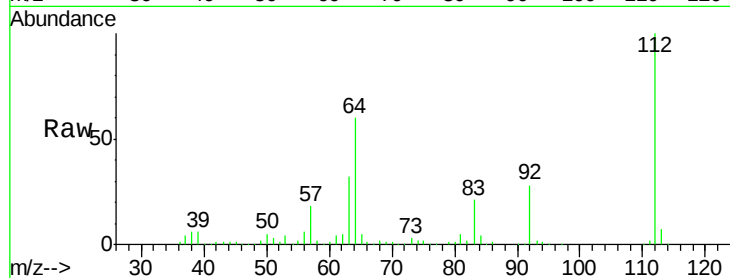
Tot Ion:112 Resp: 337343

Ion Ratio Lower Upper

112 100

64 60.0 55.0 82.6

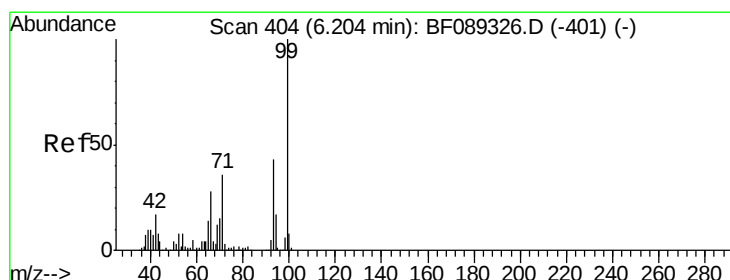
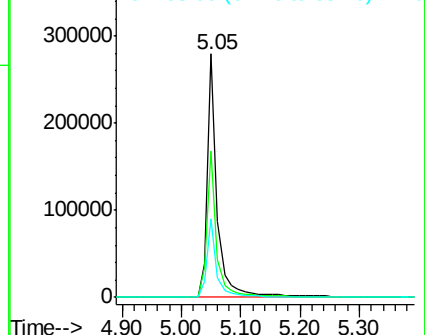
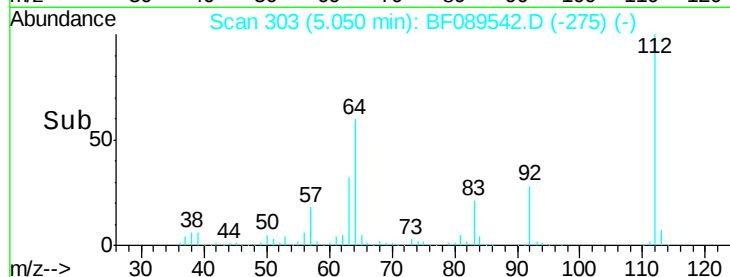
63 32.3 29.4 44.2



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: 30.53 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.09 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

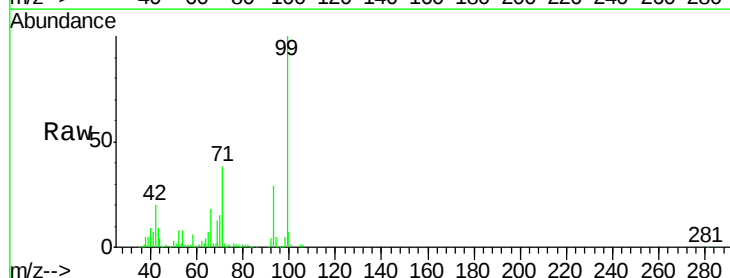
Tgt Ion: 93 Resp: 118627

Ion Ratio Lower Upper

93 100

66 61.8 51.6 77.4

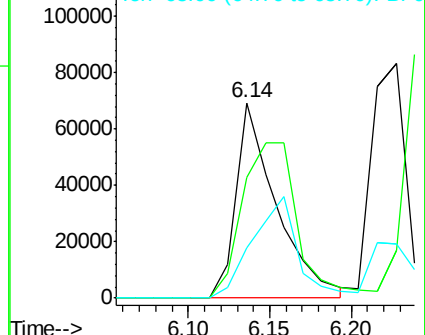
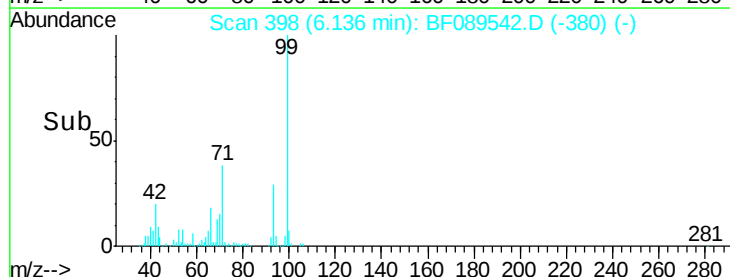
65 25.9 24.7 37.1

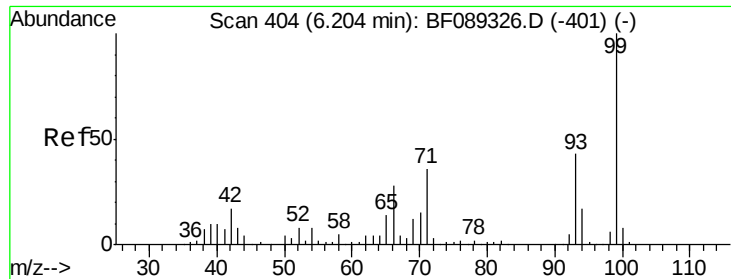


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.83 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB92596BS

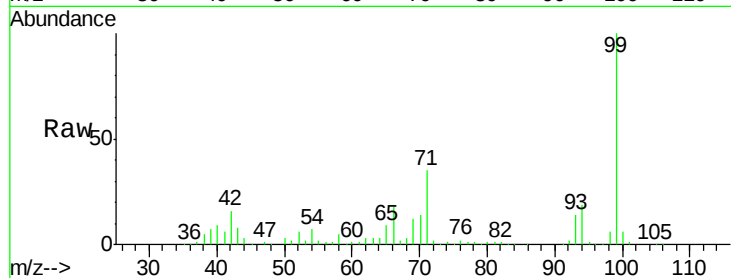
Tot Ion: 99 Resp: 449291

Ion Ratio Lower Upper

99 100

42 15.6 13.6 20.4

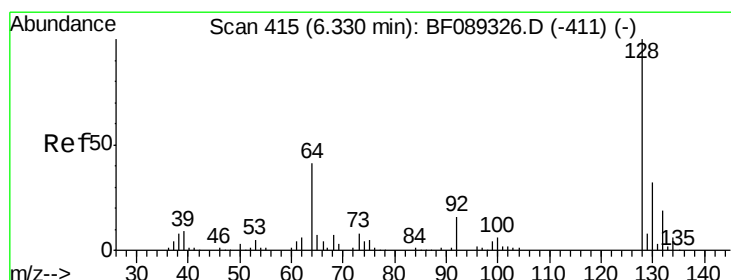
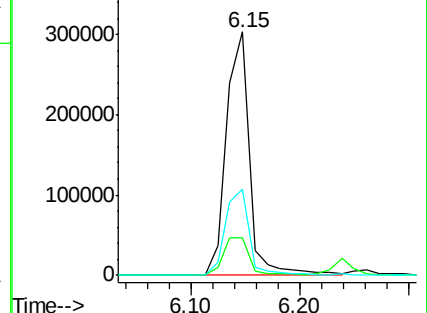
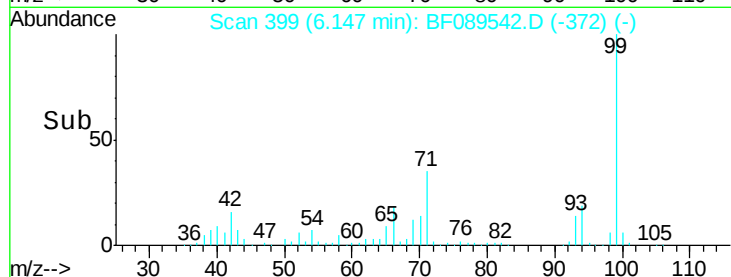
71 35.4 29.4 44.2



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: 45.23 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

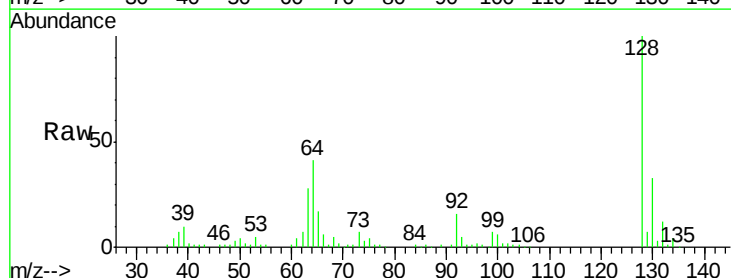
Tgt Ion:128 Resp: 139344

Ion Ratio Lower Upper

128 100

130 33.2 12.6 52.6

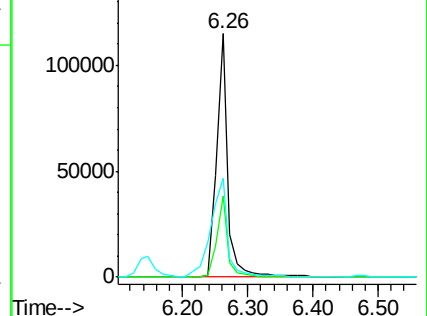
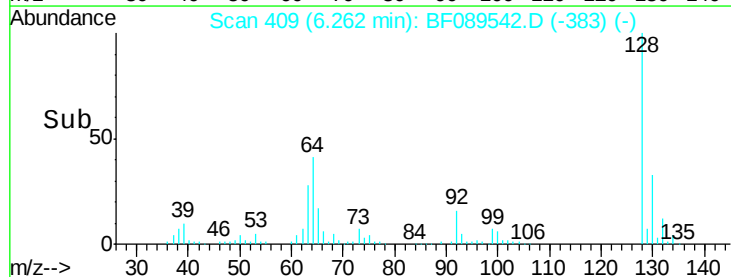
64 40.6 22.1 62.1

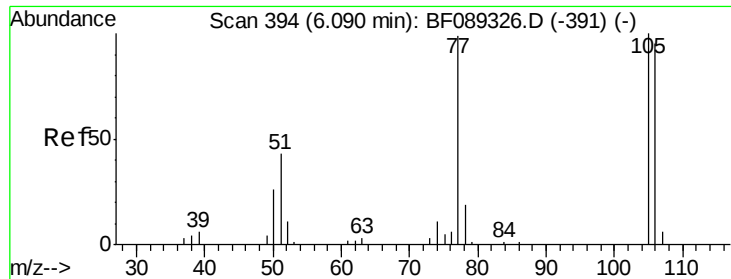


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 31.22 ng

RT: 6.01 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

Instrument :

BNA_F

ClientSampleID :

PB92596BS

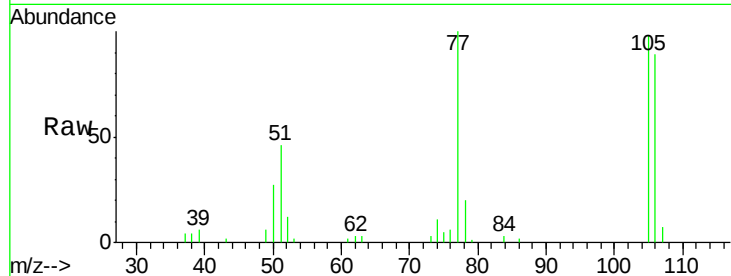
Tot Ion: 77 Resp: 54864

Ion Ratio Lower Upper

77 100

105 97.7 82.9 122.9

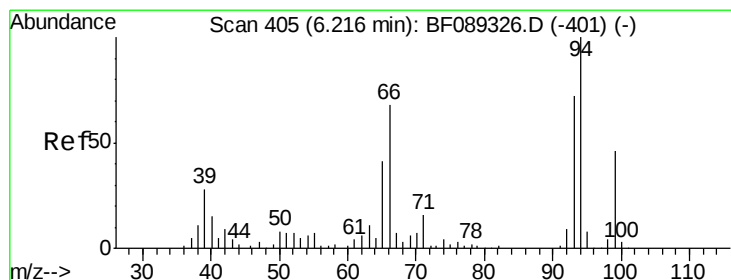
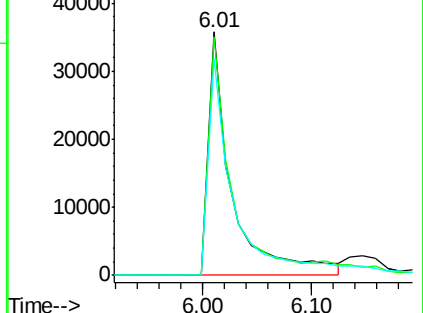
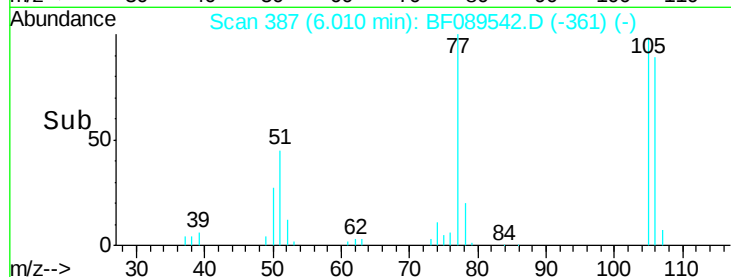
106 89.1 75.9 115.9



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: 44.81 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

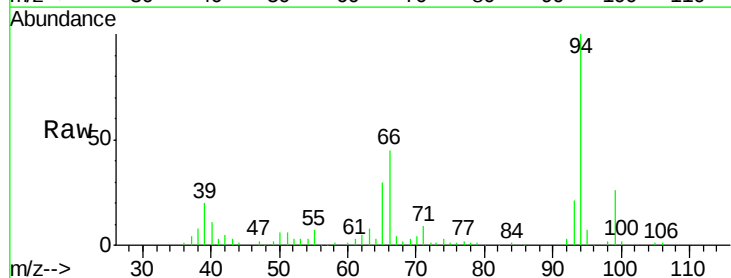
Tgt Ion: 94 Resp: 177978

Ion Ratio Lower Upper

94 100

65 29.6 19.1 59.1

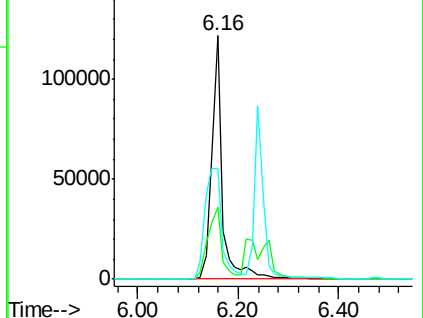
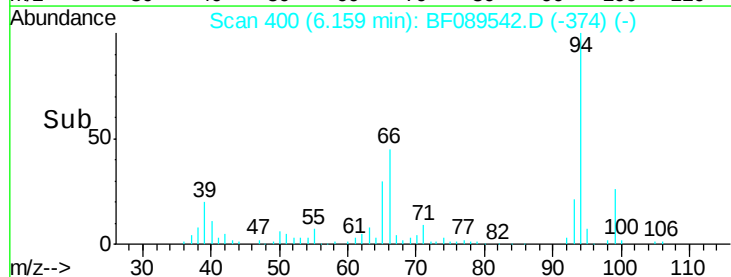
66 45.3 44.4 84.4



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

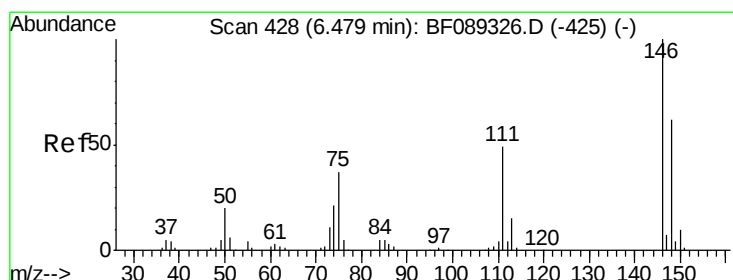
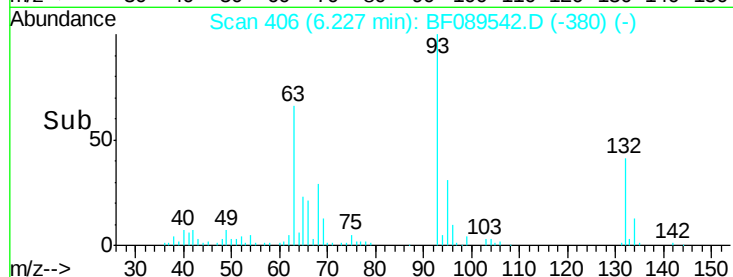
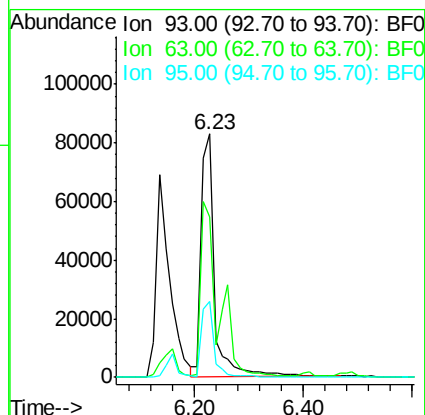
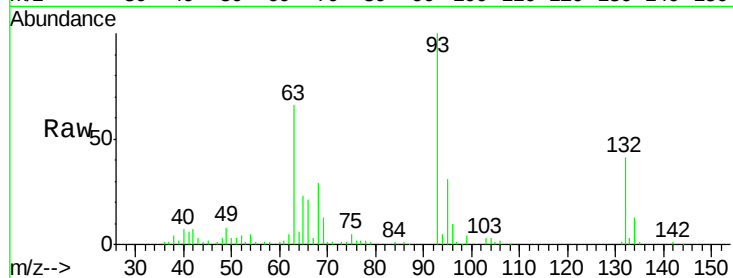




#11
bis(2-Chloroethyl)ether
Concen: 41.69 ng
RT: 6.23 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

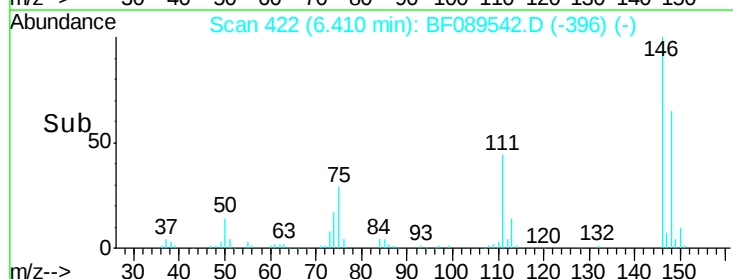
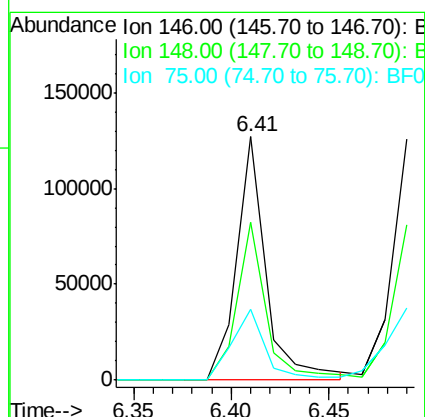
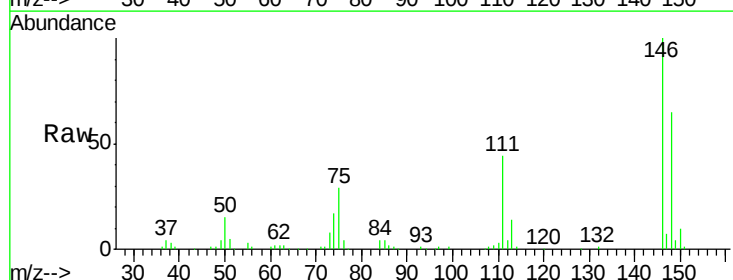
Instrument :
BNA_F
ClientSampleId :
PB92596BS

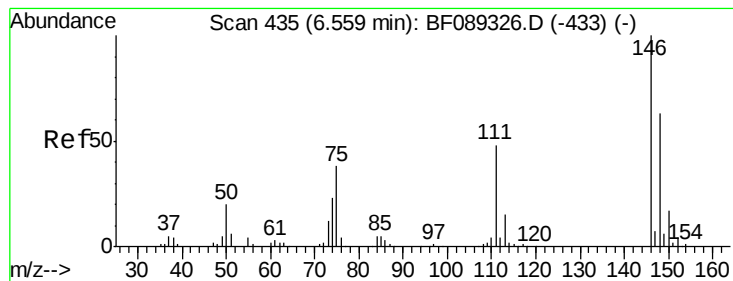
Tot Ion: 93 Resp: 140673
Ion Ratio Lower Upper
93 100
63 66.1 45.6 85.6
95 31.4 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 41.44 ng m
RT: 6.41 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

Tgt Ion: 146 Resp: 133524
Ion Ratio Lower Upper
146 100
148 64.7 50.5 75.7
75 29.0 30.0 45.0#





#13

1,4-Dichlorobenzene

Concen: 41.38 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

Instrument :

BNA_F

ClientSampleID :

PB92596BS

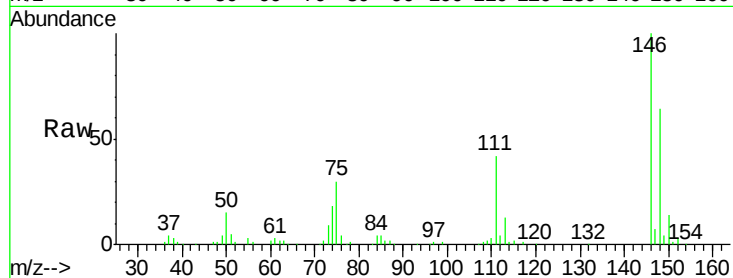
Tot Ion:146 Resp: 147152

Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

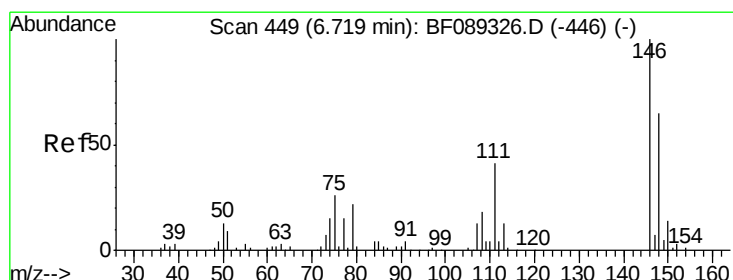
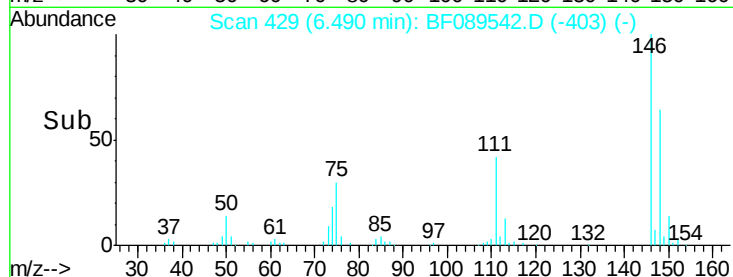
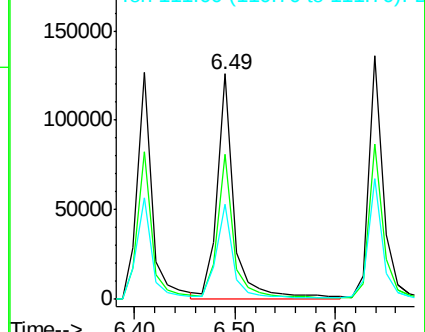
111 42.2 38.6 57.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.38 ng m

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

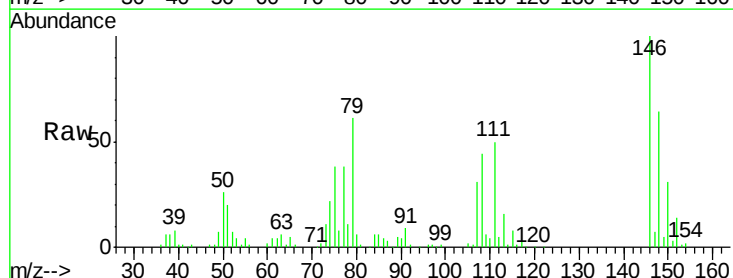
Tgt Ion:146 Resp: 137854

Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

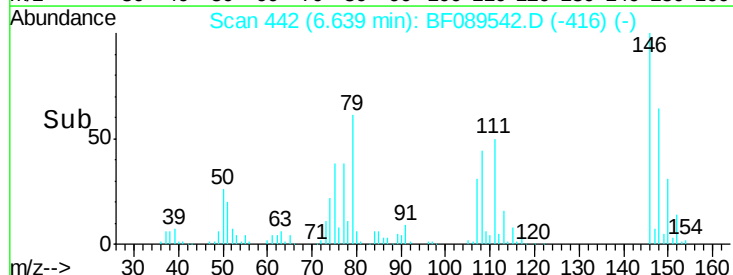
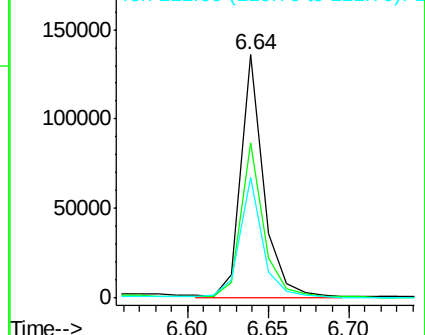
111 49.7 33.0 49.4#

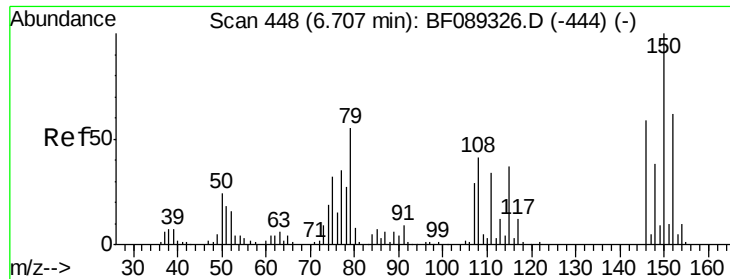


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

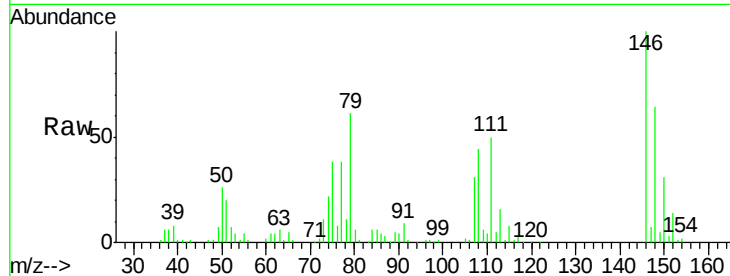




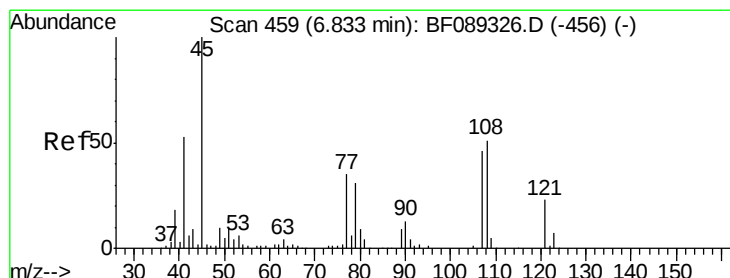
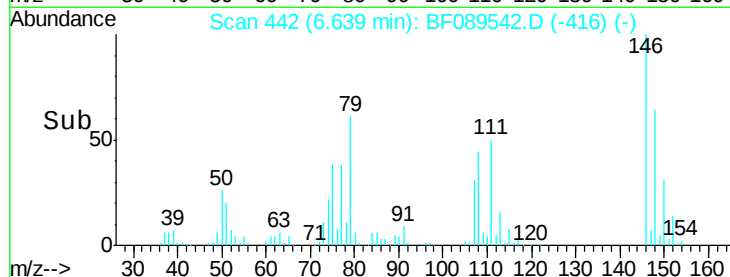
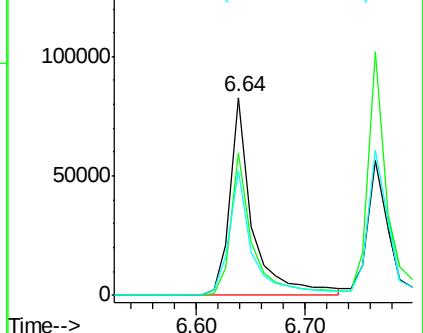
#15
Benzyl Alcohol
Concen: 53.58 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB92596BS

Tot Ion: 79 Resp: 119676
Ion Ratio Lower Upper
79 100
108 72.2 59.8 89.6
77 62.8 51.7 77.5

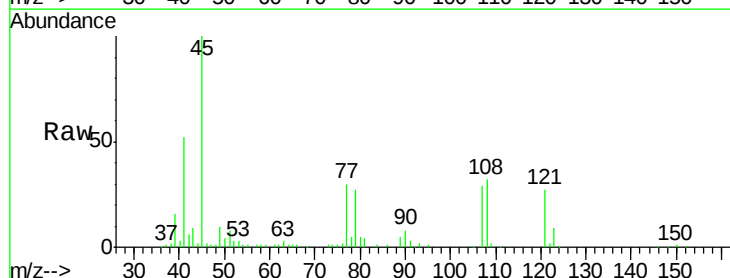


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

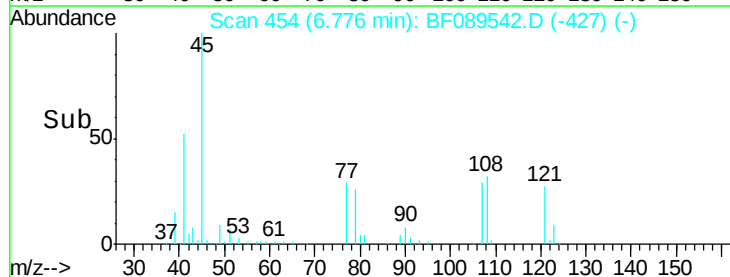
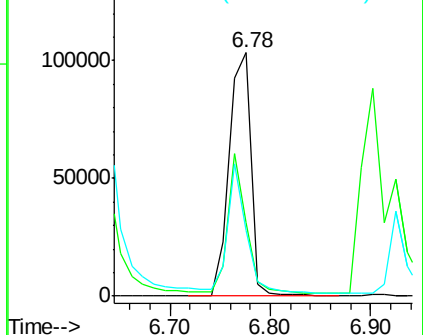


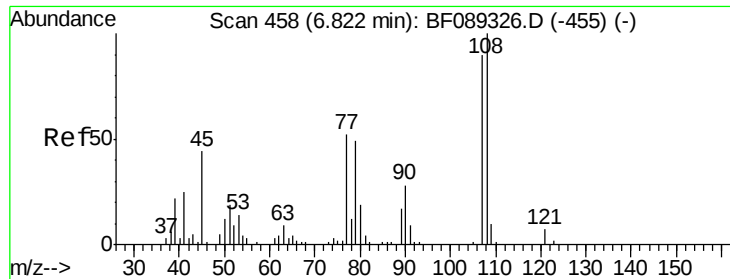
#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.52 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

Tgt Ion: 45 Resp: 156518
Ion Ratio Lower Upper
45 100
77 30.4 17.3 57.3
79 27.1 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

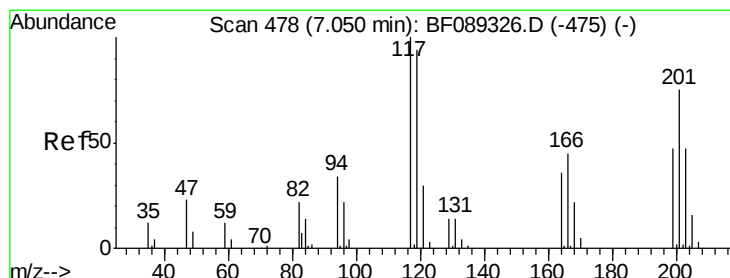
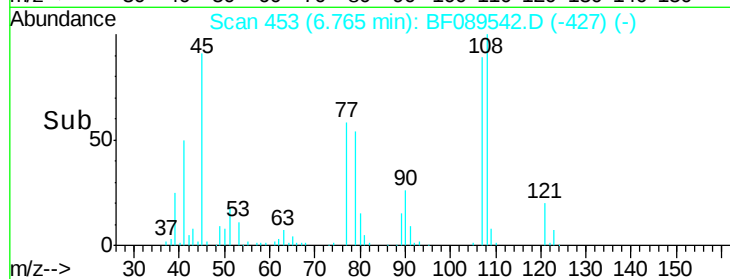
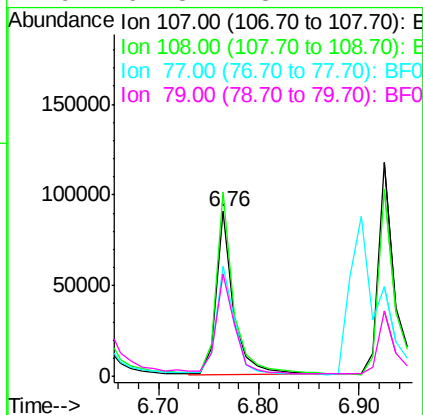
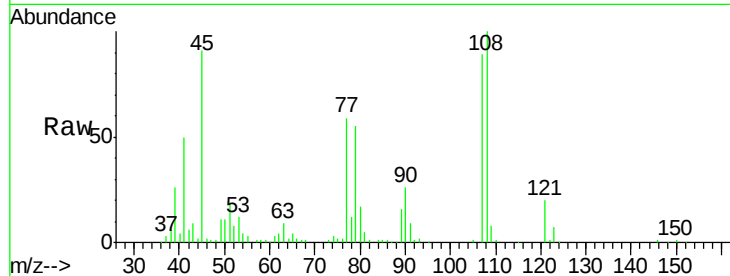




#17
2-Methylphenol
Concen: 45.08 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

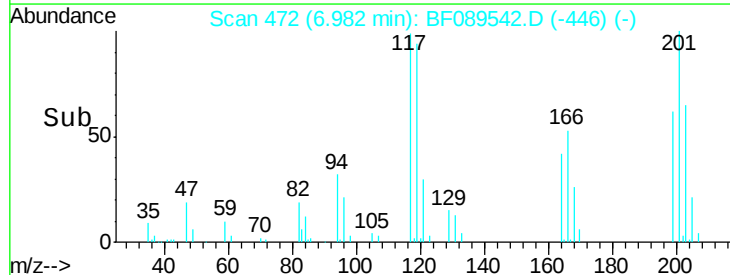
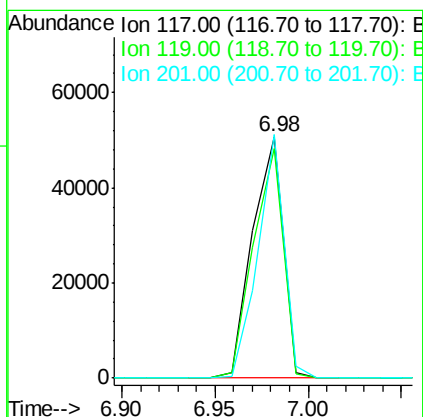
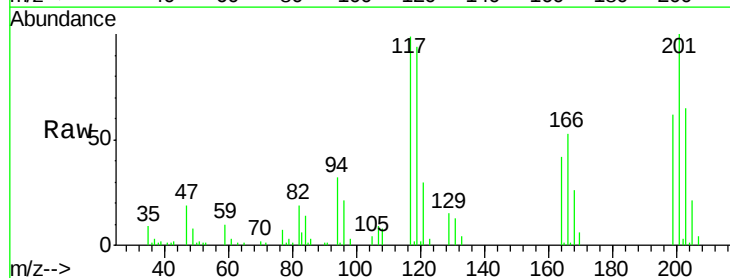
Instrument :
BNA_F
ClientSampleId :
PB92596BS

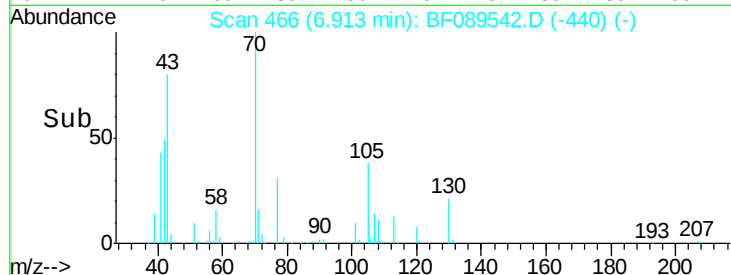
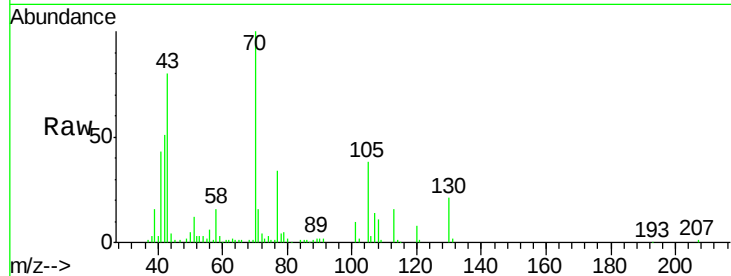
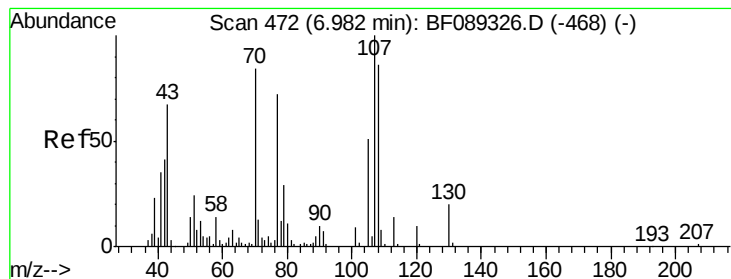
Tot Ion:107 Resp: 107328
Ion Ratio Lower Upper
107 100
108 112.0 91.4 137.0
77 66.5 48.6 73.0
79 61.8 48.2 72.4



#18
Hexachloroethane
Concen: 42.30 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

Tgt Ion:117 Resp: 57671
Ion Ratio Lower Upper
117 100
119 95.3 76.0 114.0
201 100.9 60.0 90.0#





#19

n-Nitroso-di-n-propylamine

Concen: 51.02 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB92596BS

Tot Ion: 70 Resp: 110723

Ion Ratio Lower Upper

70 100

42 51.1 38.6 57.8

101 9.7 8.3 12.5

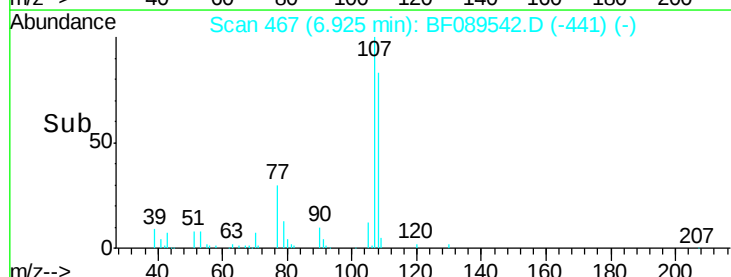
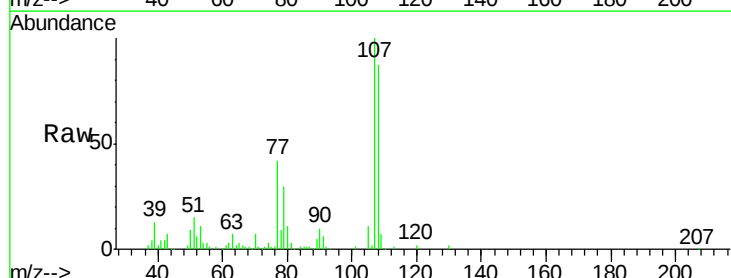
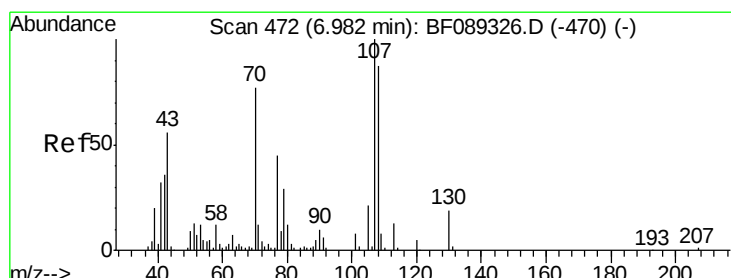
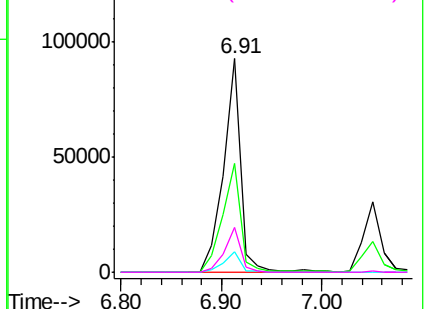
130 21.2 19.0 28.4

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 45.85 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

Tgt Ion:107 Resp: 140208

Ion Ratio Lower Upper

107 100

108 87.3 63.3 103.3

77 42.1 51.1 91.1#

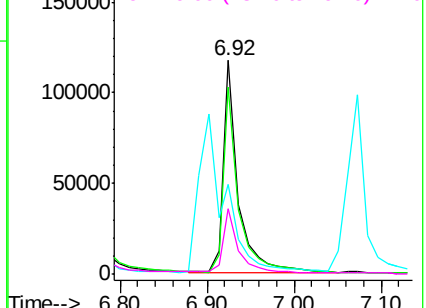
79 30.5 9.3 49.3

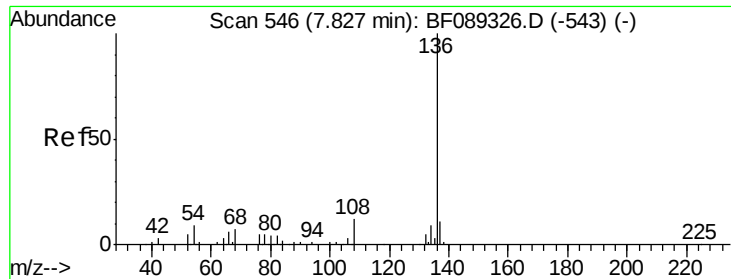
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

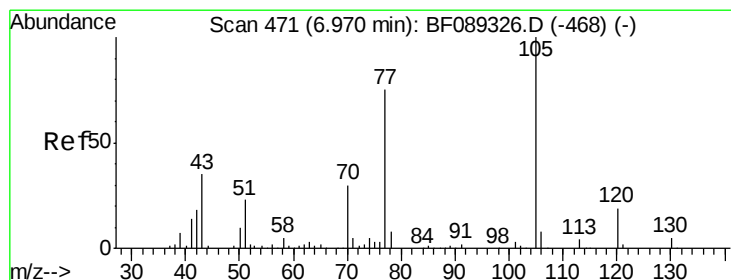
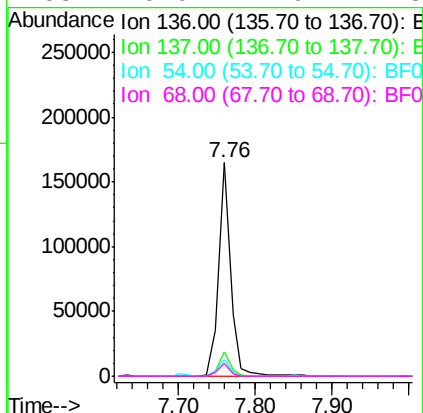
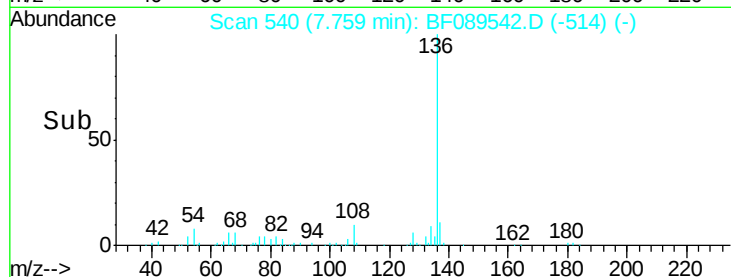
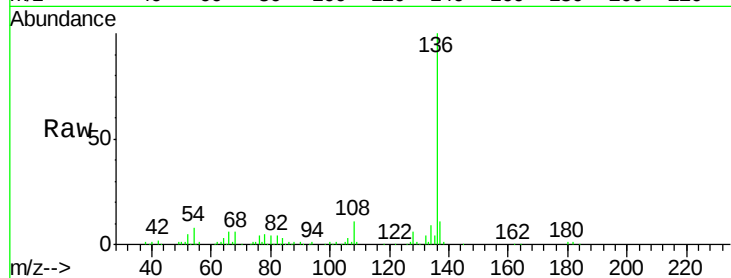




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

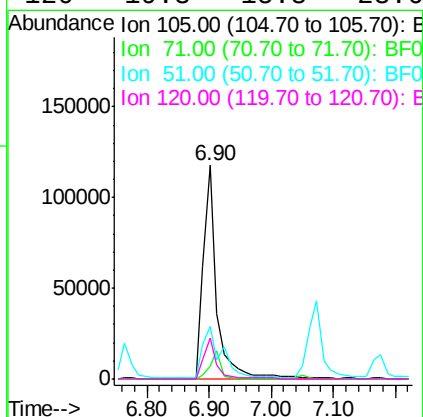
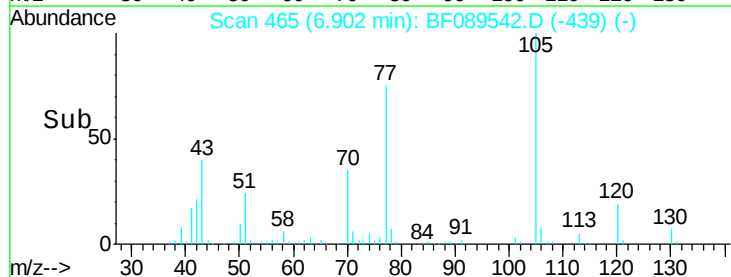
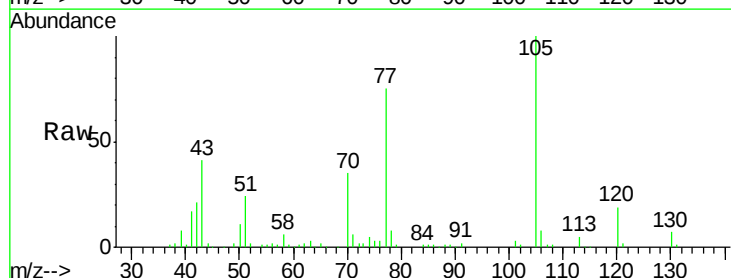
Instrument :
BNA_F
ClientSampleId :
PB92596BS

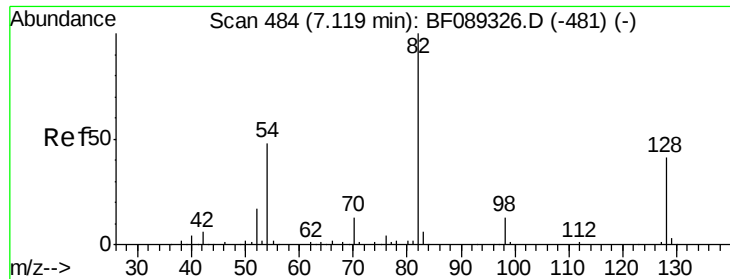
Tot Ion:136	Resp: 182442
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 7.6	7.0 10.4
68 6.0	4.9 7.3



#22
Acetophenone
Concen: 41.31 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

Tgt Ion:105	Resp: 179414
Ion Ratio	Lower Upper
105 100	
71 6.2	4.2 6.2
51 24.3	18.7 28.1
120 19.3	15.8 23.6

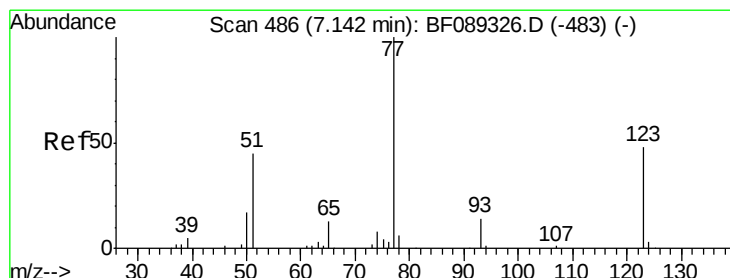
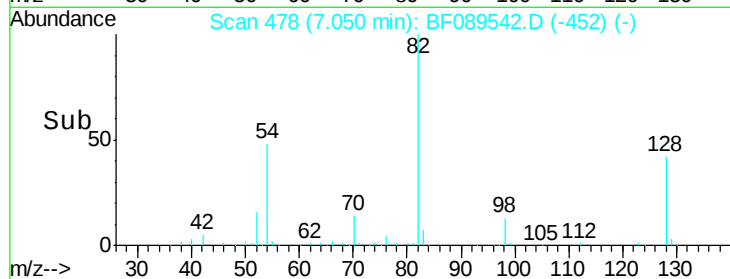
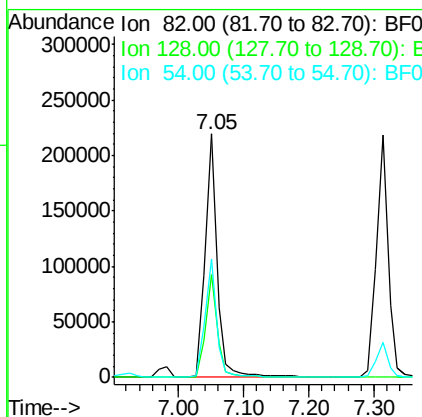
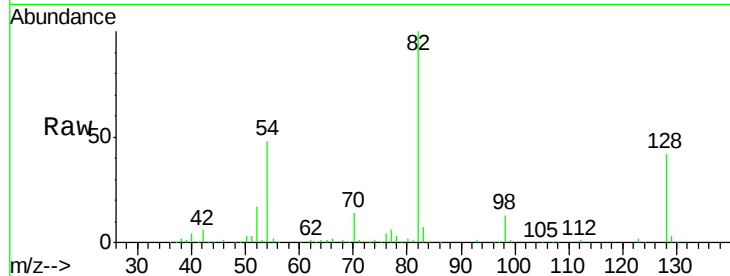




#23
 Nitrobenzene-d5
 Concen: 92.09 ng
 RT: 7.05 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

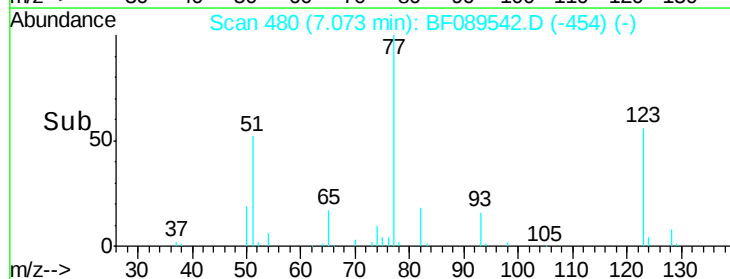
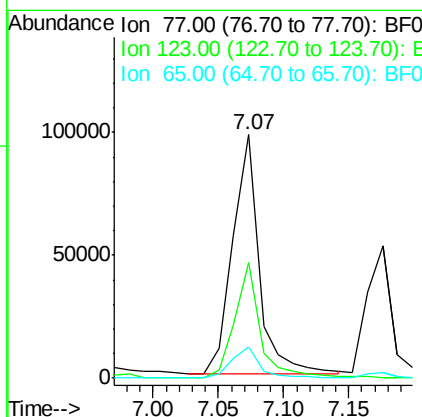
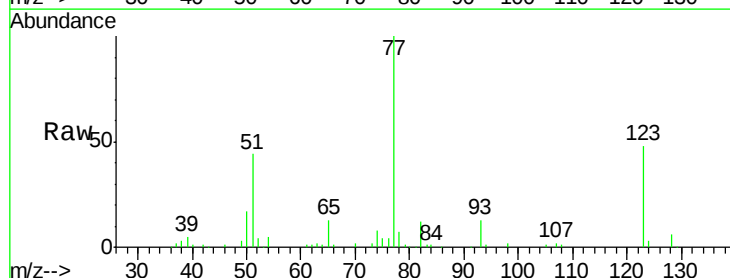
Instrument :
 BNA_F
 ClientSampled :
 PB92596BS

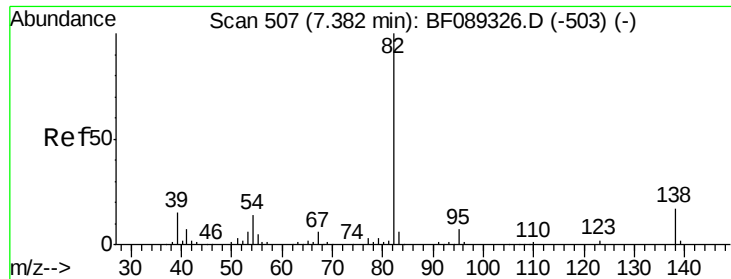
Tot Ion	82	Resp	284647
Ion Ratio	100	Lower	Upper
128	42.3	32.5	48.7
54	48.5	38.8	58.2



#24
 Nitrobenzene
 Concen: 38.89 ng
 RT: 7.07 min Scan# 480
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Tgt Ion	77	Resp	136800
Ion Ratio	100	Lower	Upper
123	47.7	37.2	55.8
65	13.0	10.2	15.4





#25

Isophorone

Concen: 43.78 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB92596BS

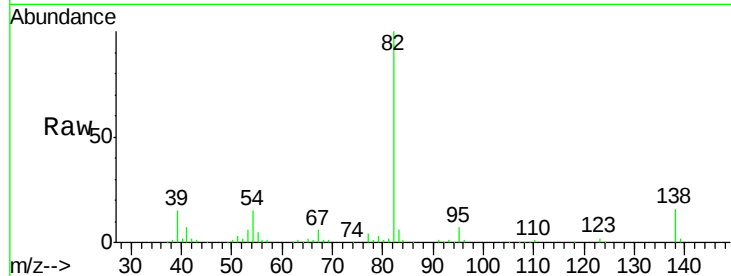
Tot Ion: 82 Resp: 272612

Ion Ratio Lower Upper

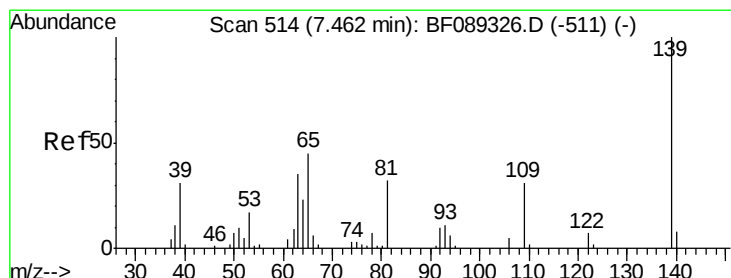
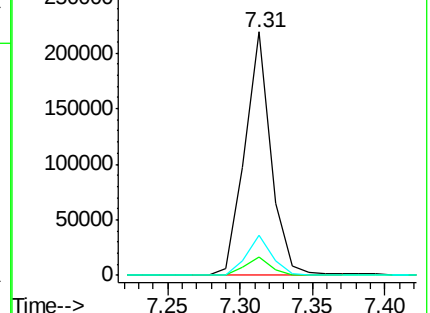
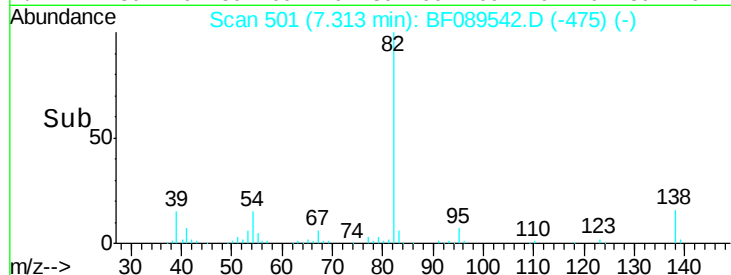
82 100

95 7.5 6.0 9.0

138 16.2 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: 43.64 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

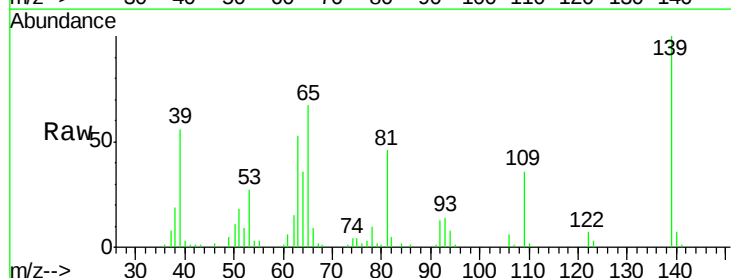
Tgt Ion: 139 Resp: 68629

Ion Ratio Lower Upper

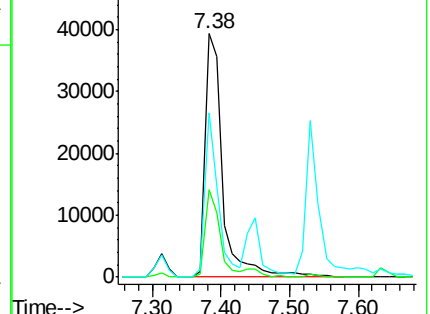
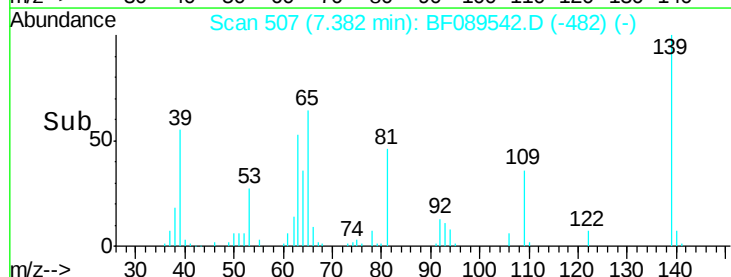
139 100

109 36.0 25.8 38.8

65 67.3 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

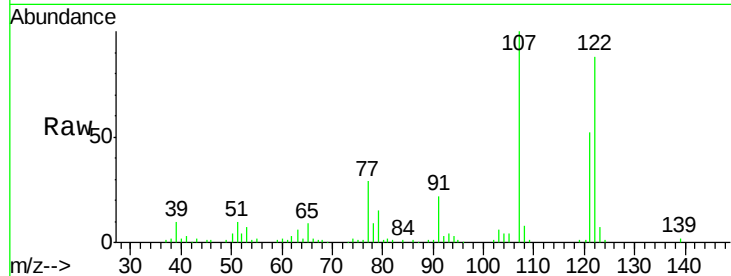




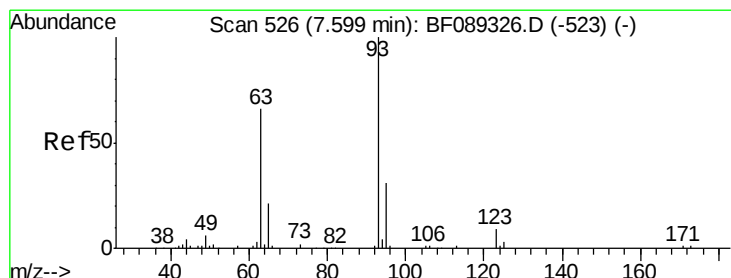
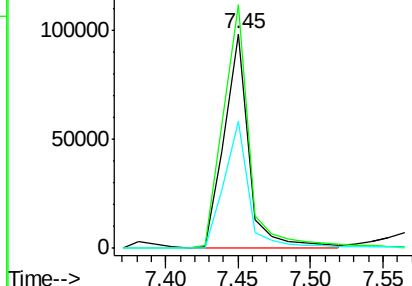
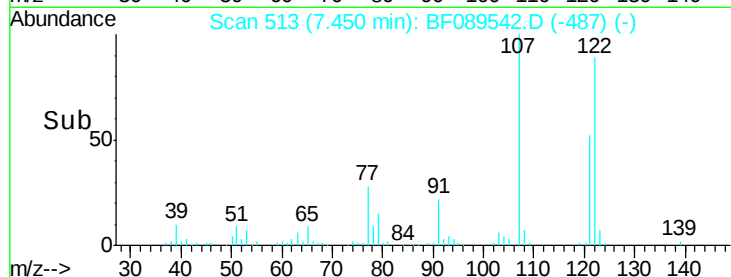
#27
 2,4-Dimethylphenol
 Concen: 47.06 ng
 RT: 7.45 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Instrument :
 BNA_F
 ClientSampled :
 PB92596BS

Tot Ion:122 Resp: 117904
 Ion Ratio Lower Upper
 122 100
 107 113.4 97.2 145.8
 121 58.9 48.8 73.2

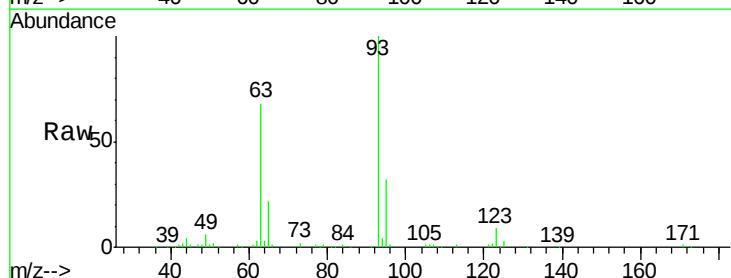


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

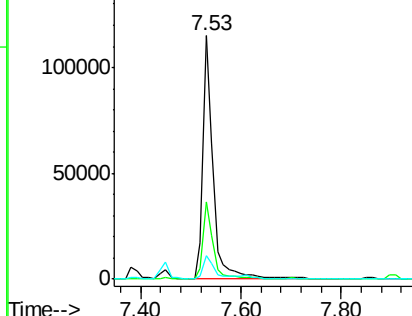
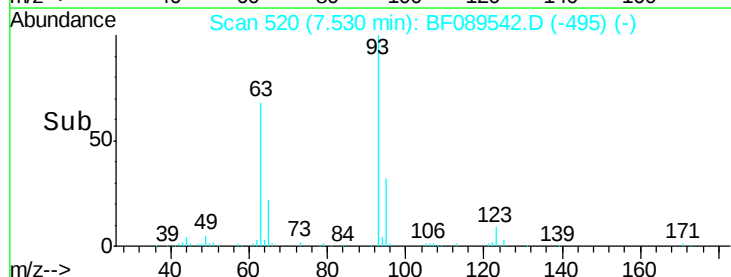


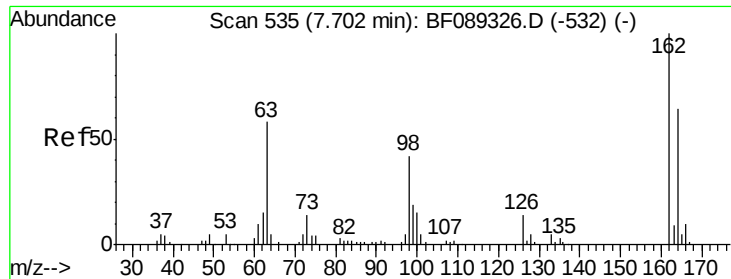
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.83 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Tgt Ion: 93 Resp: 164862
 Ion Ratio Lower Upper
 93 100
 95 31.7 24.7 37.1
 123 9.4 7.5 11.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

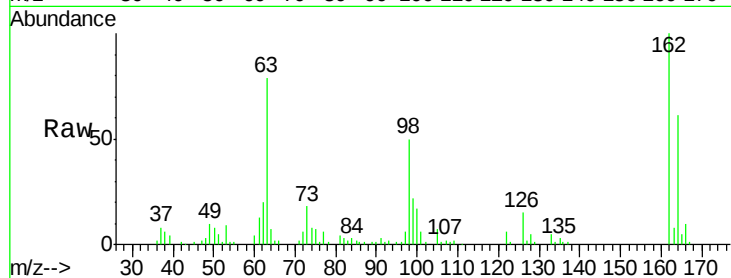




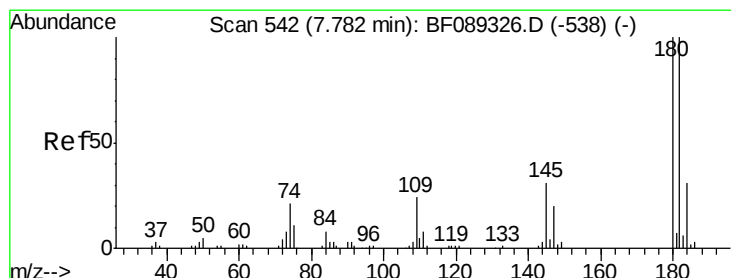
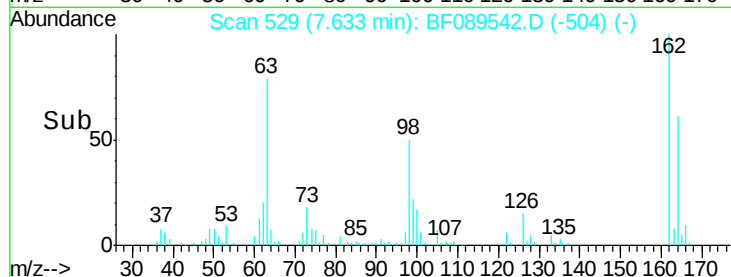
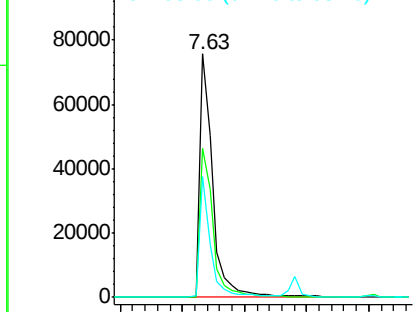
#29
 2,4-Dichlorophenol
 Concen: 48.20 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB92596BS

Tot Ion:162 Resp: 110046
 Ion Ratio Lower Upper
 162 100
 164 60.9 44.0 84.0
 98 49.8 21.8 61.8

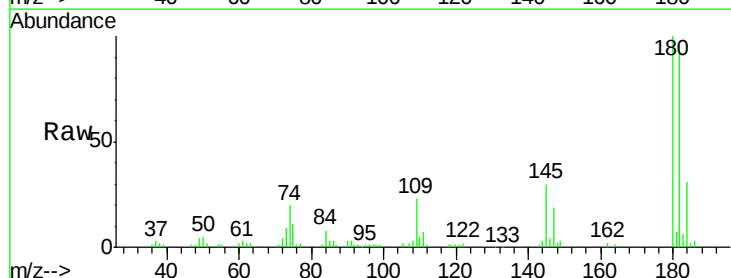


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

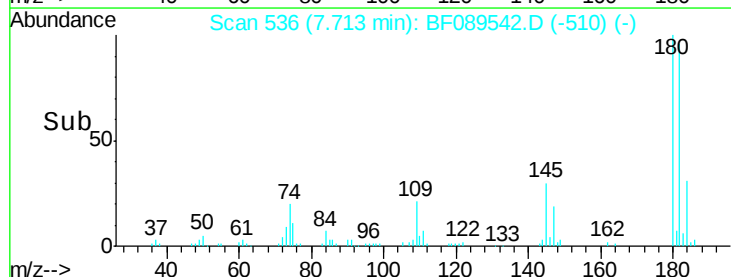
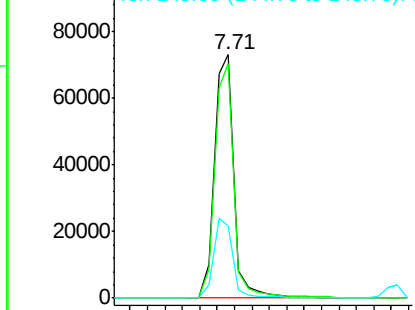


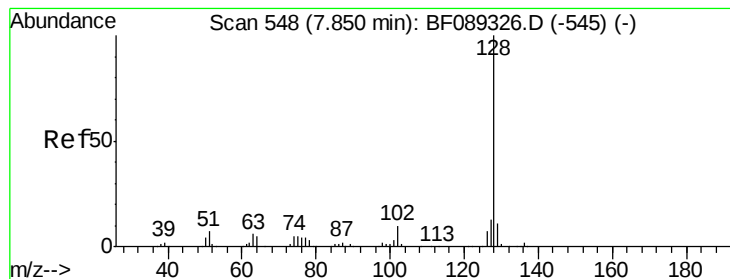
#30
 1,2,4-Trichlorobenzene
 Concen: 44.09 ng
 RT: 7.71 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Tgt Ion:180 Resp: 114845
 Ion Ratio Lower Upper
 180 100
 182 96.2 78.2 117.2
 145 29.8 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: 47.14 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB92596BS

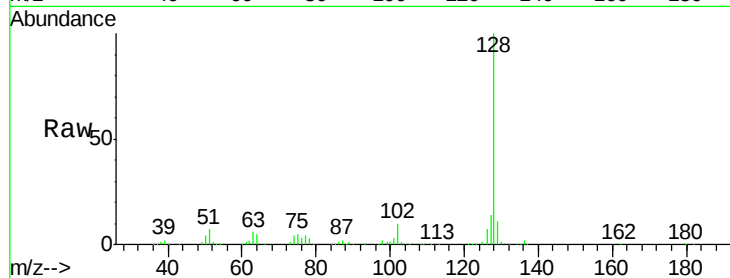
Tot Ion:128 Resp: 425905

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

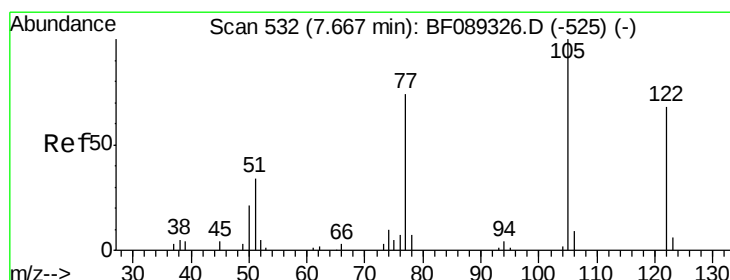
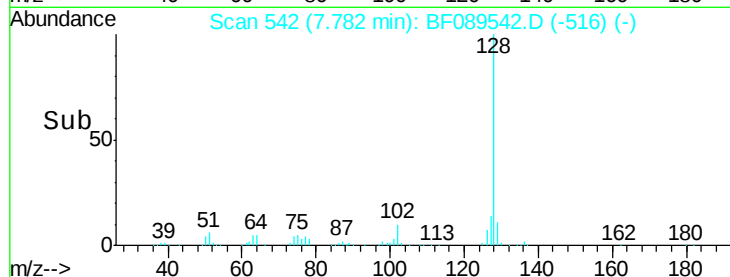
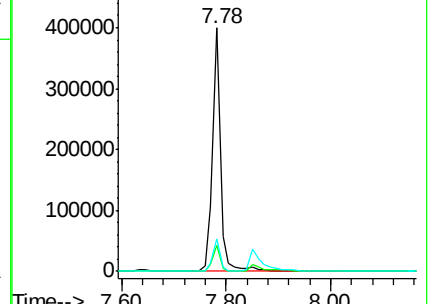
127 13.5 10.8 16.2



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: 37.57 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

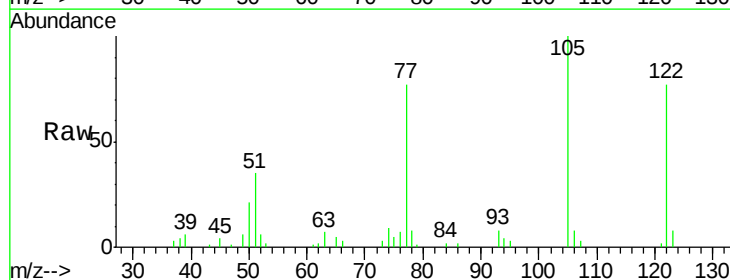
Tgt Ion:122 Resp: 65596

Ion Ratio Lower Upper

122 100

105 130.2 106.4 146.4

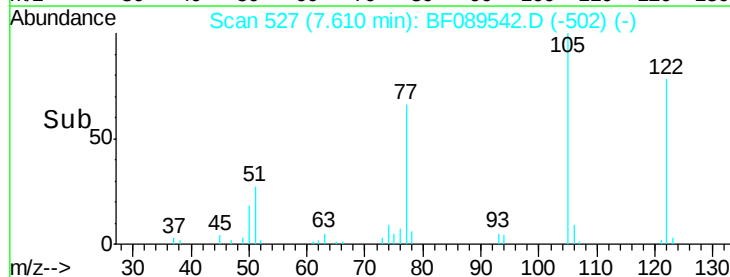
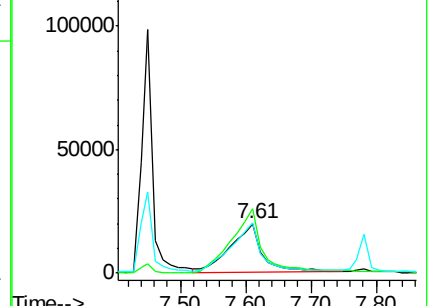
77 100.2 76.4 116.4

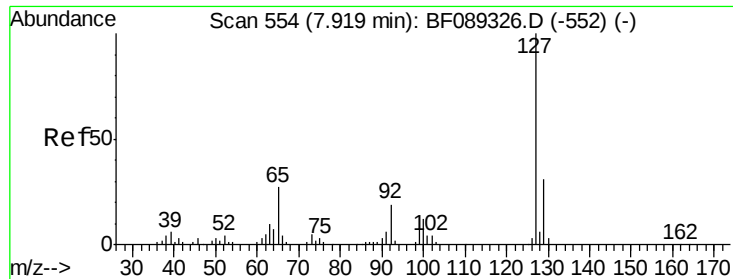


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

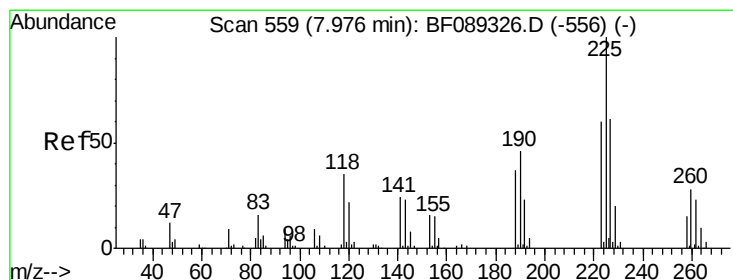
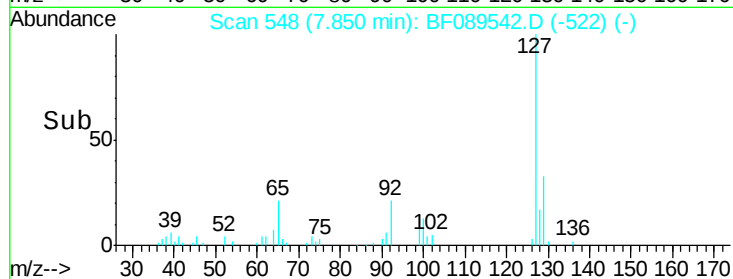
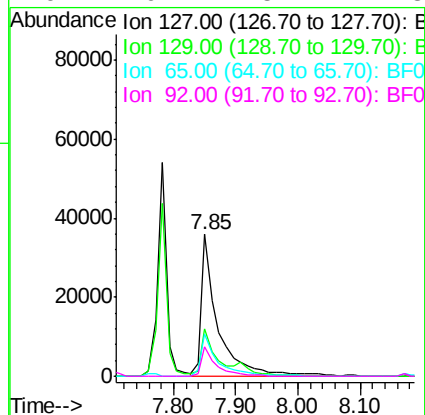
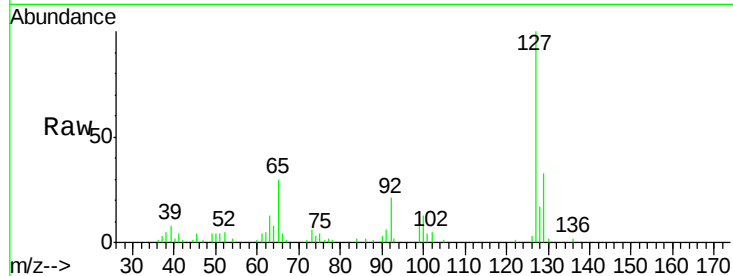




#33
4-Chloroaniline
Concen: 19.49 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

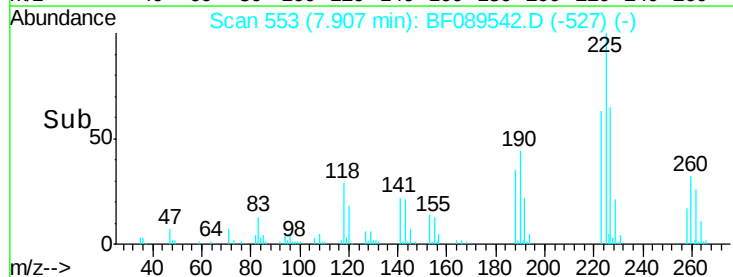
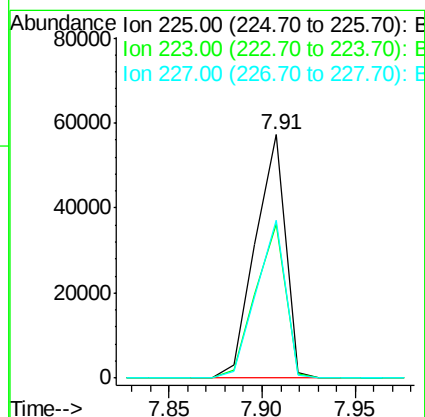
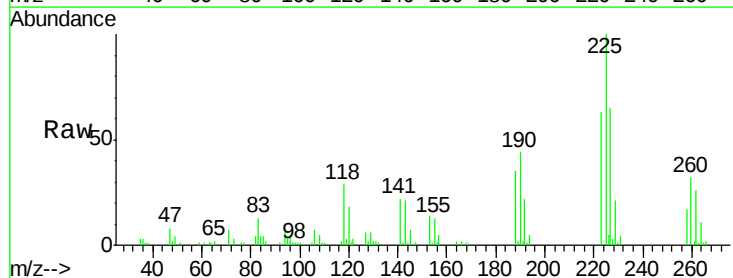
Instrument :
BNA_F
ClientSampleId :
PB92596BS

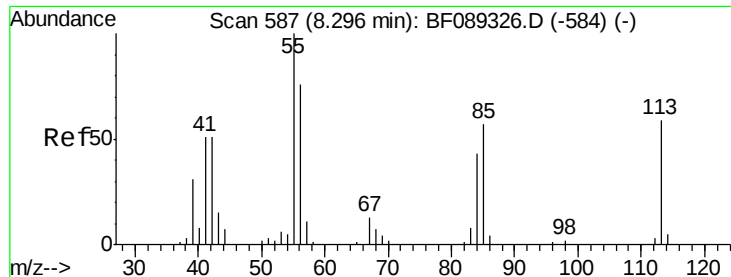
Tot Ion:	127	Resp:	67049
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.1	39.1
65	29.7	22.0	33.0
92	20.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.73 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

Tgt Ion:	225	Resp:	63744
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.8
227	64.6	49.4	74.2





#35

Caprolactam

Concen: 47.80 ng/ml

RT: 8.23 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB92596BS

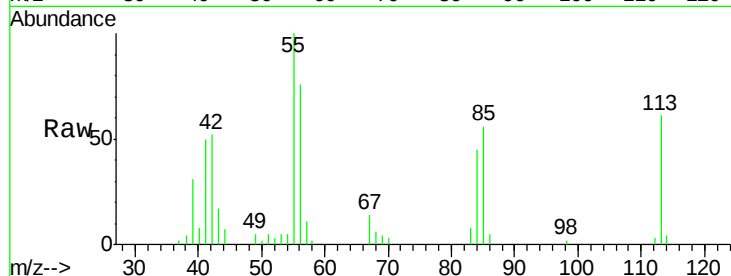
Tot Ion:113 Resp: 32939

Ion Ratio Lower Upper

113 100

55 164.6 142.3 182.3

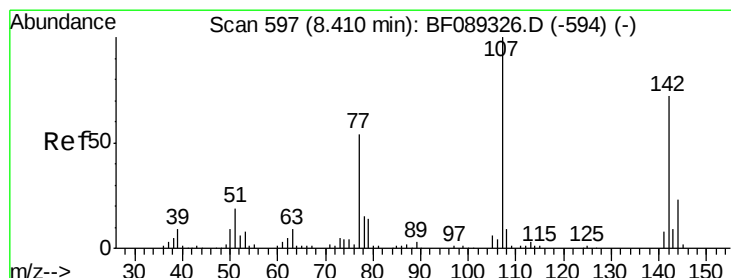
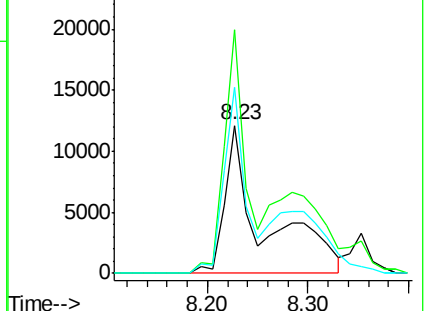
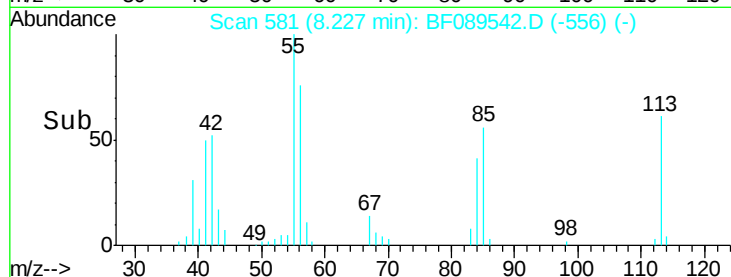
56 125.8 105.8 145.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.09 ng/ml

RT: 8.35 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

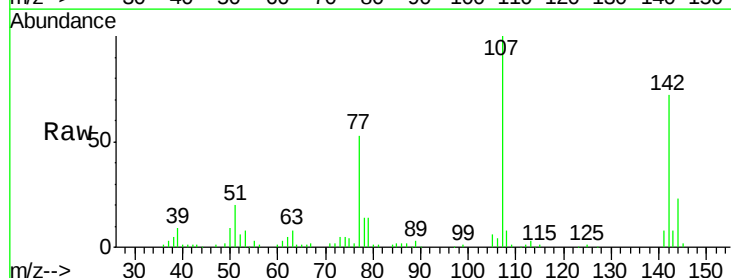
Tgt Ion:107 Resp: 127772

Ion Ratio Lower Upper

107 100

144 23.0 18.4 27.6

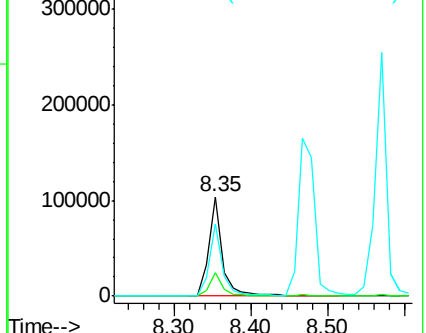
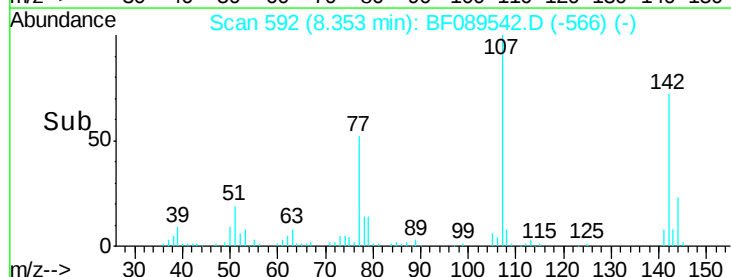
142 72.4 58.6 87.8

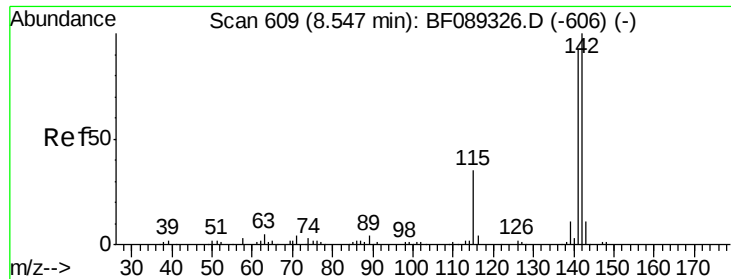


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

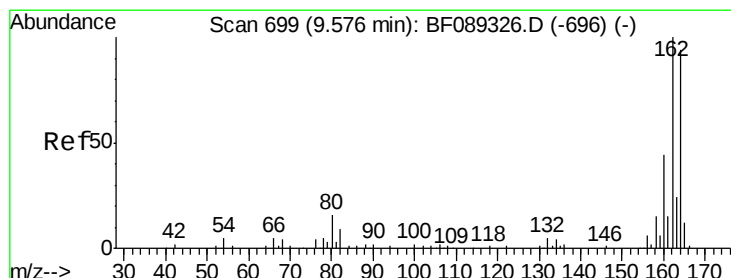
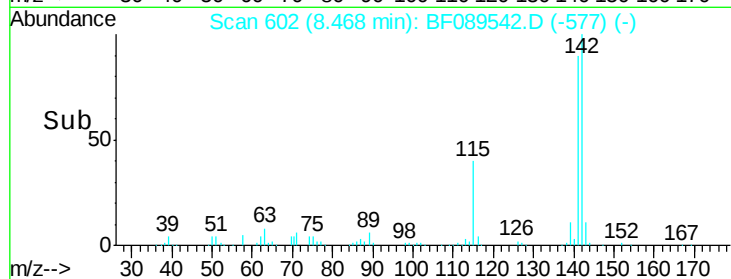
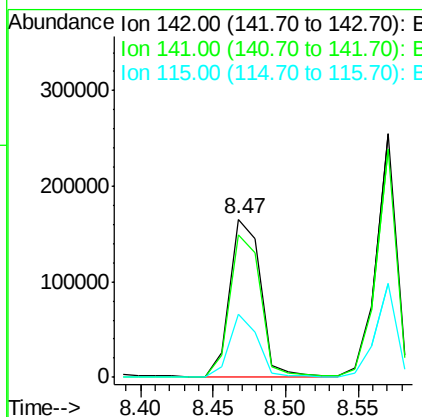
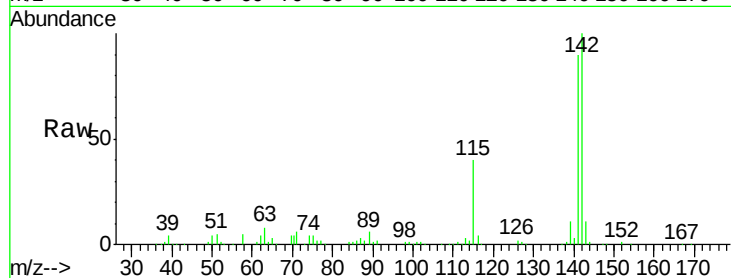




#37
2-Methylnaphthalene
Concen: 45.43 ng
RT: 8.47 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

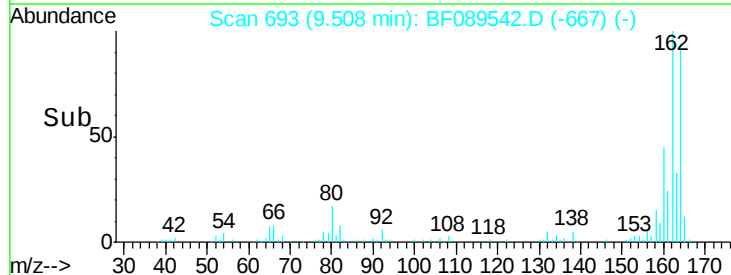
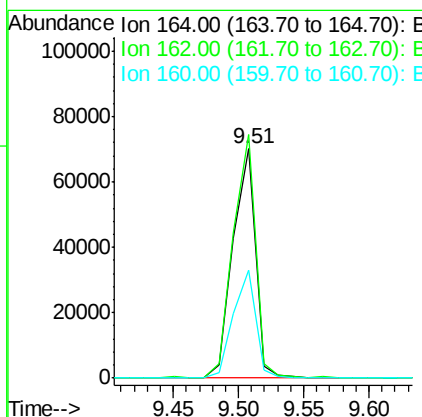
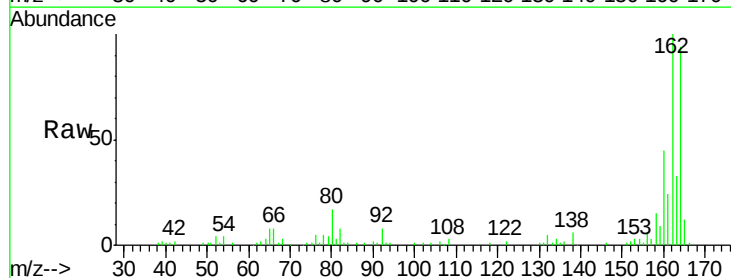
Instrument :
BNA_F
ClientSampleId :
PB92596BS

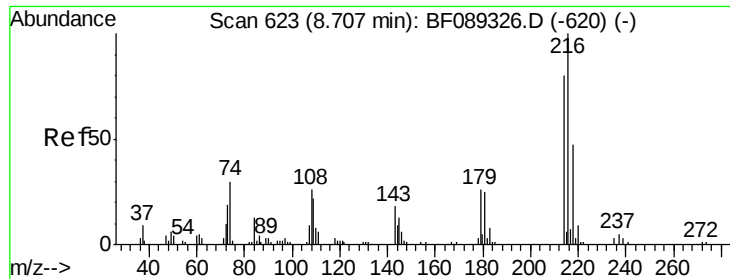
Tot Ion:142 Resp: 247333
Ion Ratio Lower Upper
142 100
141 90.3 70.9 106.3
115 39.8 27.6 41.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

Tgt Ion:164 Resp: 83810
Ion Ratio Lower Upper
164 100
162 106.2 83.7 125.5
160 47.3 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.15 ng

RT: 8.64 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB92596BS

Tot Ion:216 Resp: 97229

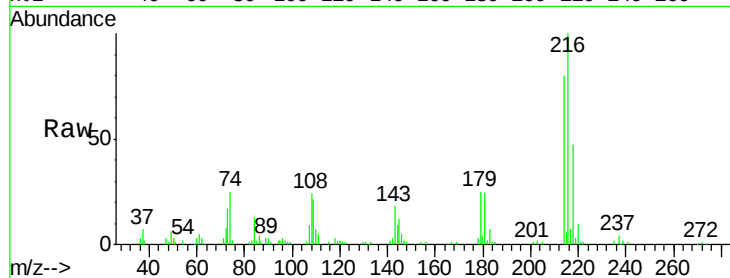
Ion Ratio Lower Upper

216 100

214 79.2 63.3 94.9

179 23.3 18.1 27.1

108 24.1 17.2 25.8

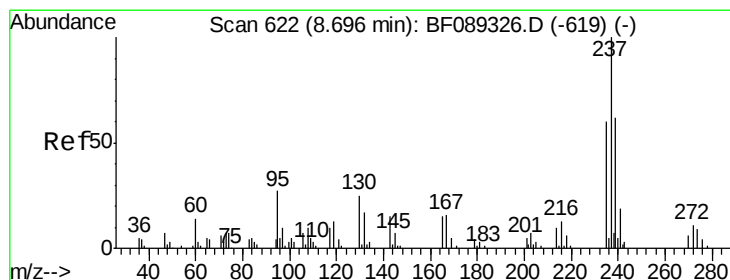
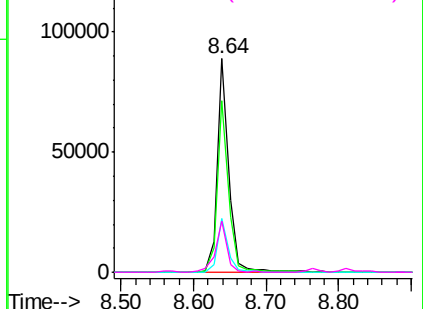
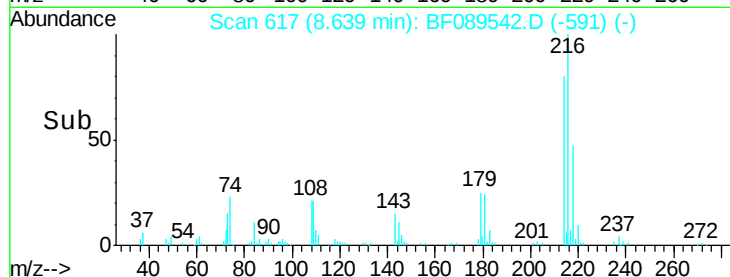


Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.68 ng

RT: 8.63 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

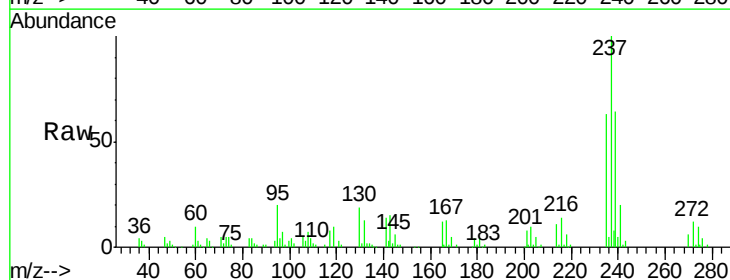
Tgt Ion:237 Resp: 77875

Ion Ratio Lower Upper

237 100

235 62.8 41.6 81.6

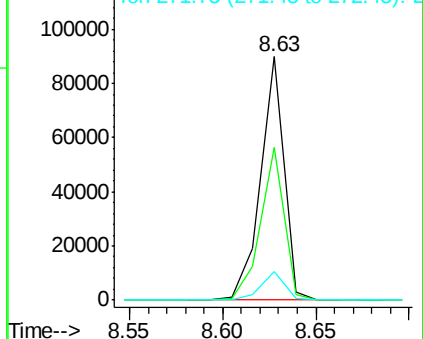
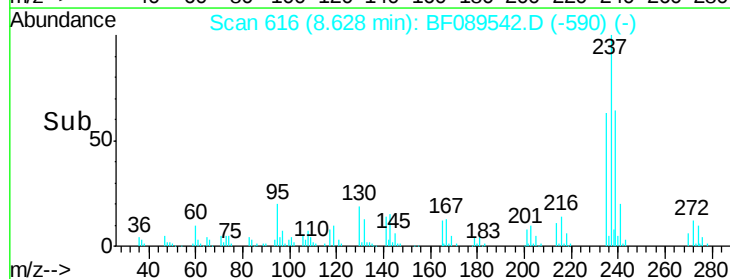
272 11.7 0.0 30.8

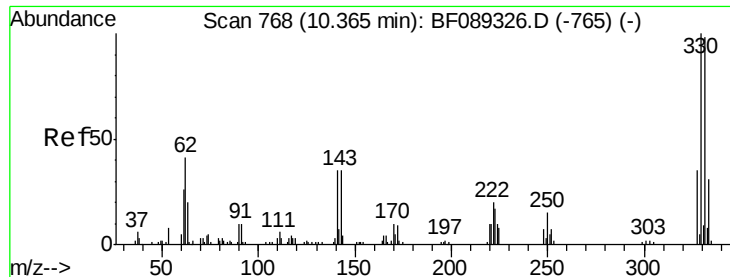


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

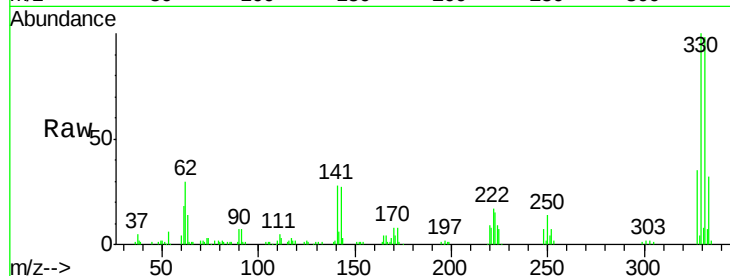




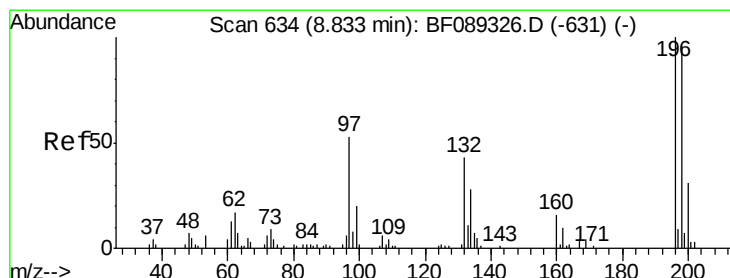
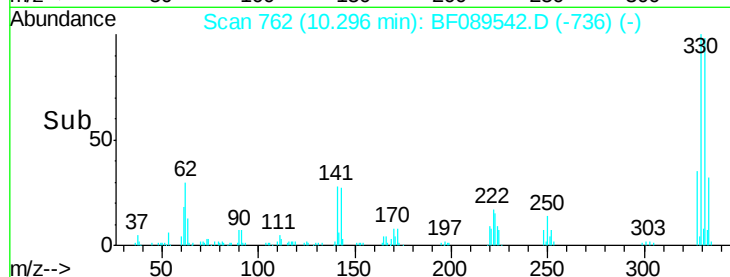
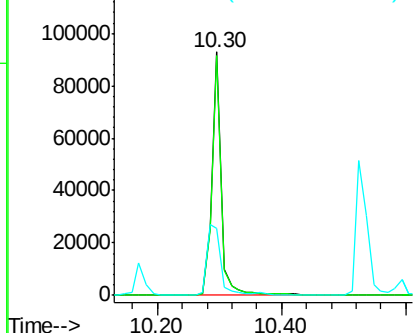
#41
 2,4,6-Tribromophenol
 Concen: 140.44 ng
 RT: 10.30 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB92596BS

Tot Ion:330 Resp: 97480
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.8 115.2
 141 42.6 37.3 55.9

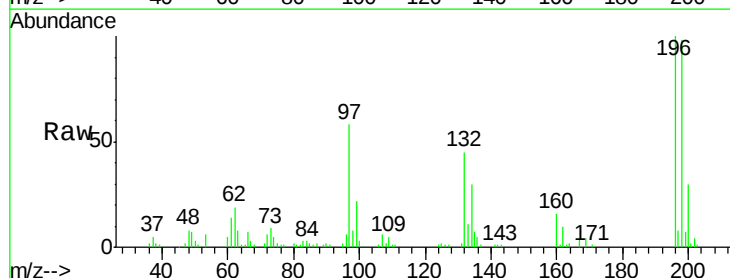


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

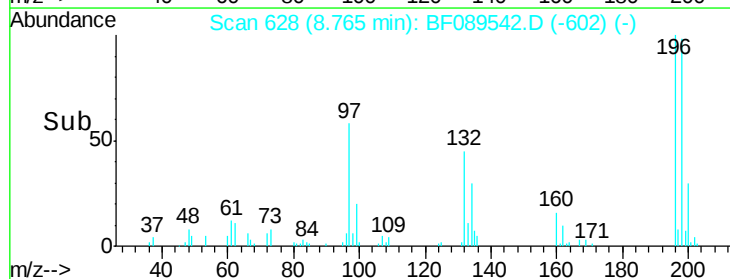
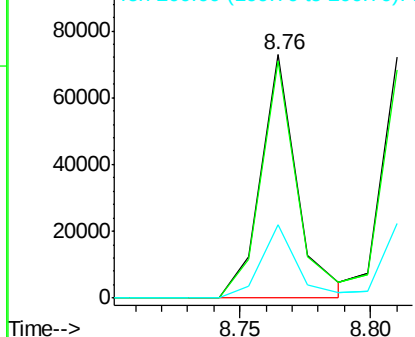


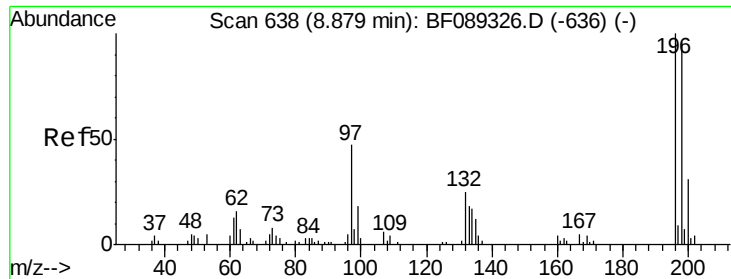
#42
 2,4,6-Trichlorophenol
 Concen: 50.46 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Tgt Ion:196 Resp: 70367
 Ion Ratio Lower Upper
 196 100
 198 97.7 75.5 113.3
 200 30.1 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

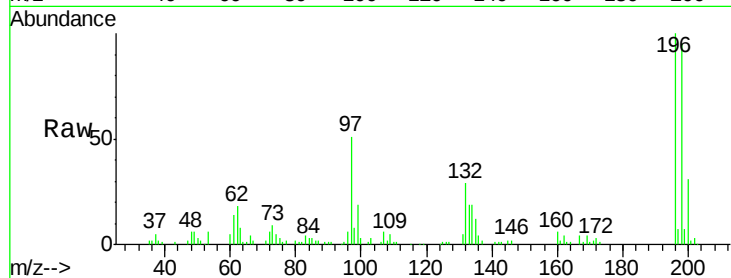




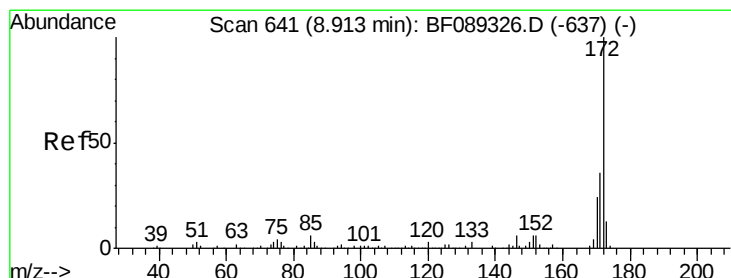
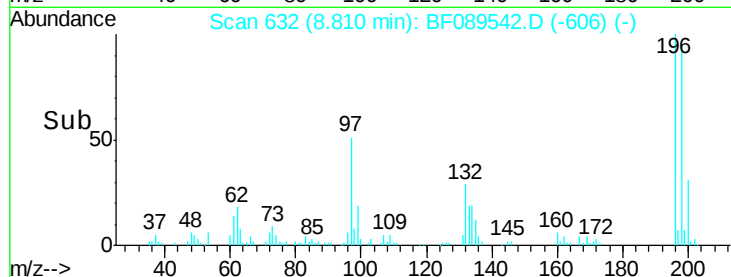
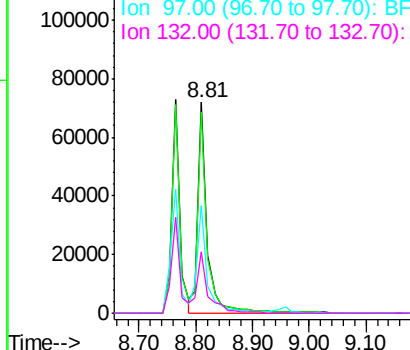
#43
 2,4,5-Trichlorophenol
 Concen: 46.81 ng
 RT: 8.81 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Instrument :
 BNA_F
 ClientSampled :
 PB92596BS

Tot Ion:196 Resp: 82674
 Ion Ratio Lower Upper
 196 100
 198 95.0 78.7 118.1
 97 51.2 39.7 59.5
 132 29.2 22.8 34.2

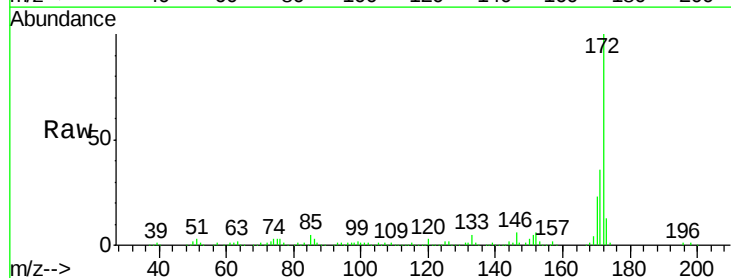


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

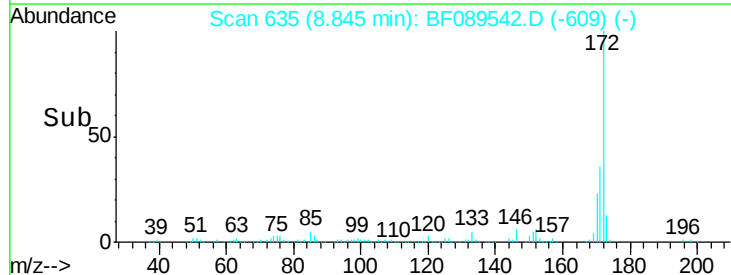
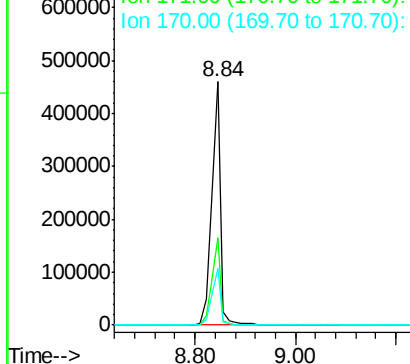


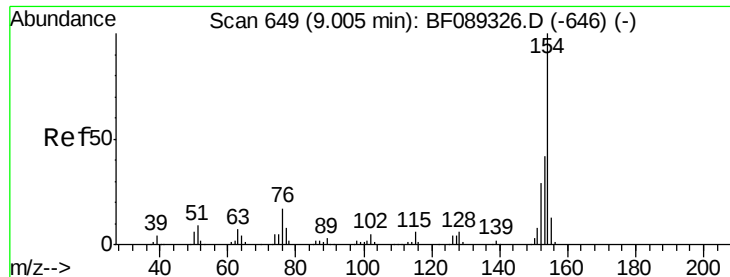
#44
 2-Fluorobiphenyl
 Concen: 96.34 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Tgt Ion:172 Resp: 550166
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.3 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

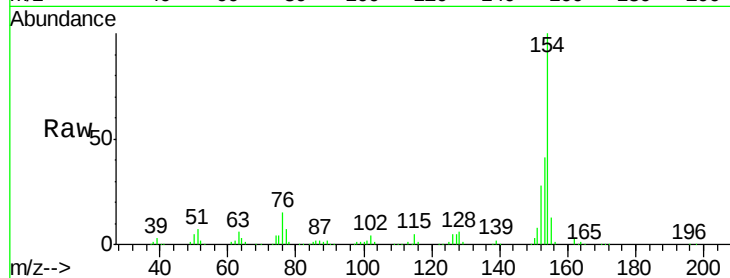




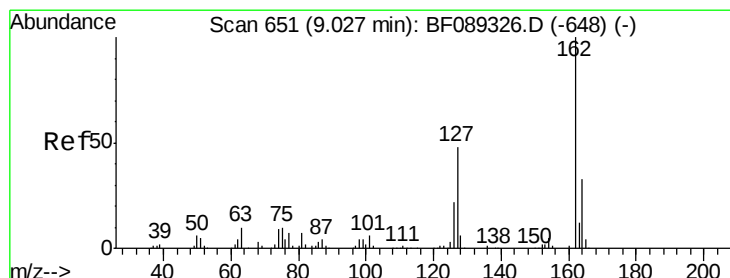
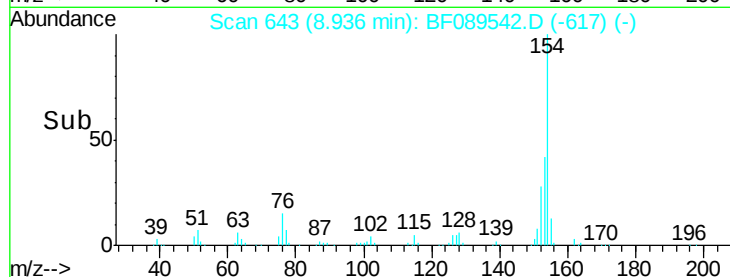
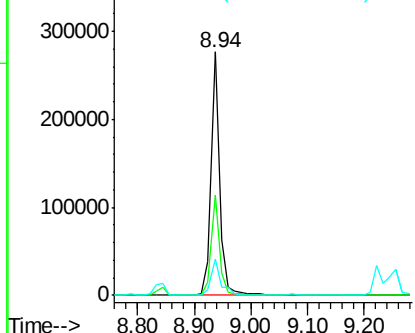
#45
 1,1'-Biphenyl
 Concen: 39.36 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB92596BS

Tot Ion:154 Resp: 280883
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.0 61.0
 76 14.7 0.0 36.6

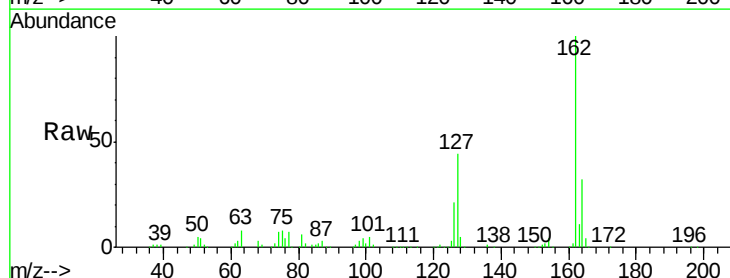


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

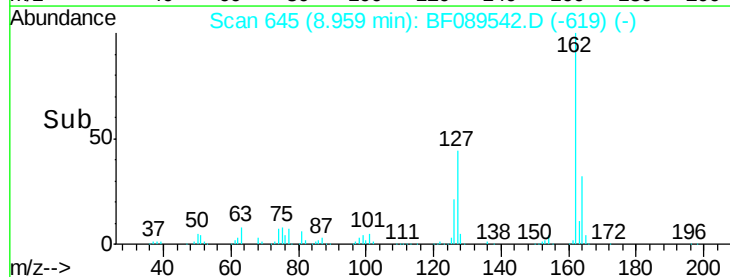
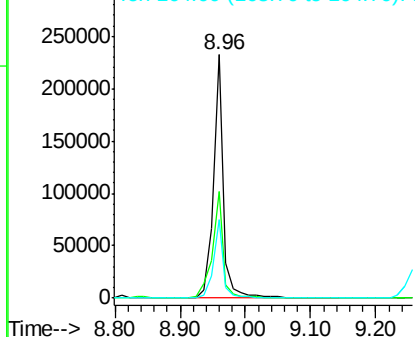


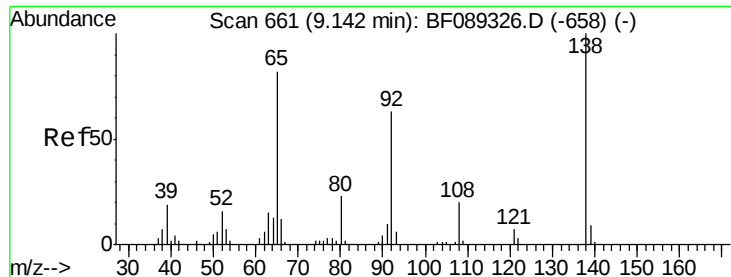
#46
 2-Chloronaphthalene
 Concen: 47.09 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Tgt Ion:162 Resp: 252377
 Ion Ratio Lower Upper
 162 100
 127 43.9 37.8 56.8
 164 32.1 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

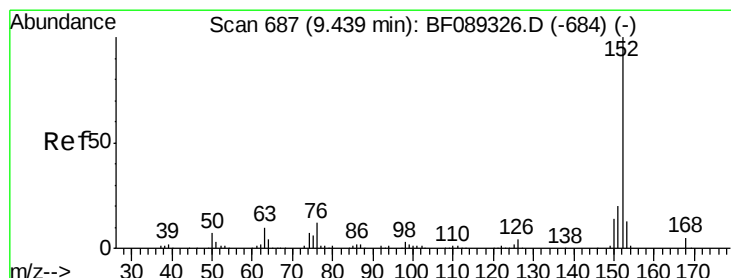
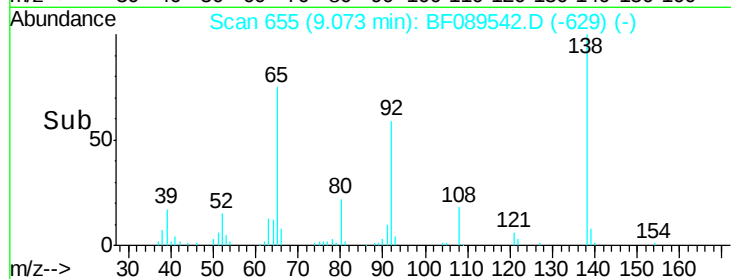
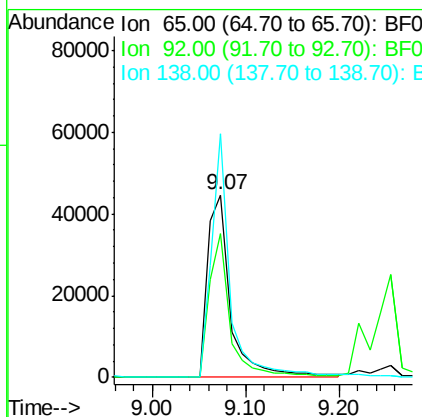
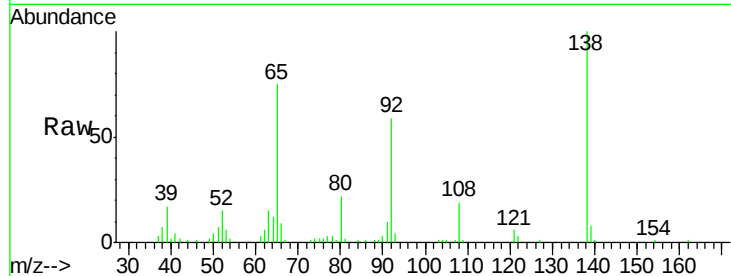




#47
2-Nitroaniline
Concen: 48.81 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

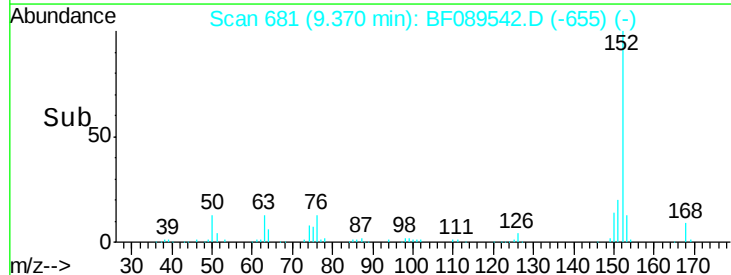
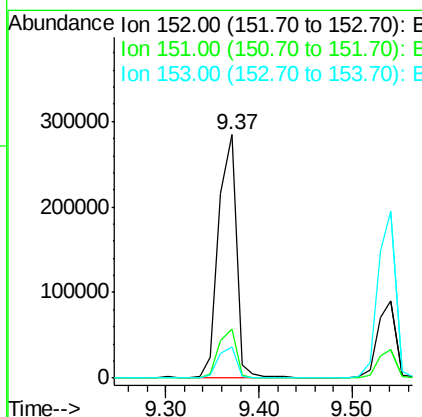
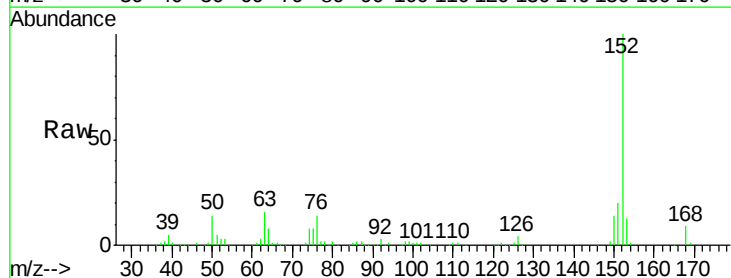
Instrument :
BNA_F
ClientSampleId :
PB92596BS

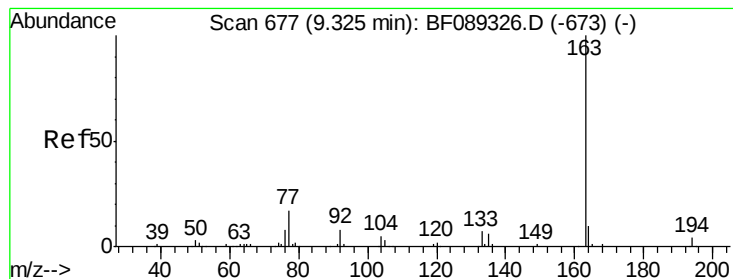
Tot Ion: 65 Resp: 77457
Ion Ratio Lower Upper
65 100
92 78.5 61.0 91.4
138 133.5 99.1 148.7



#48
Acenaphthylene
Concen: 45.20 ng
RT: 9.37 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

Tgt Ion: 152 Resp: 381528
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 12.6 10.2 15.4





#49

Dimethylphthalate

Concen: 46.89 ng

RT: 9.26 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB92596BS

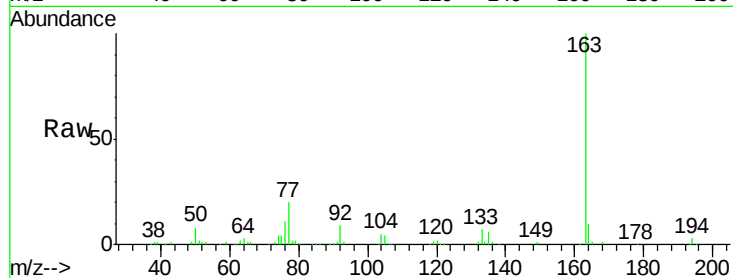
Tot Ion:163 Resp: 299084

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

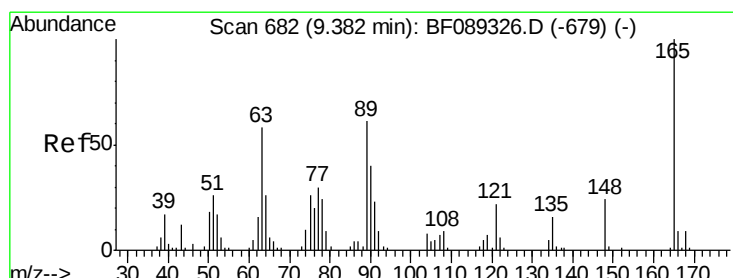
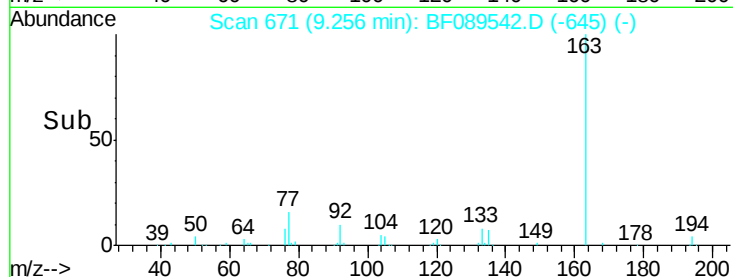
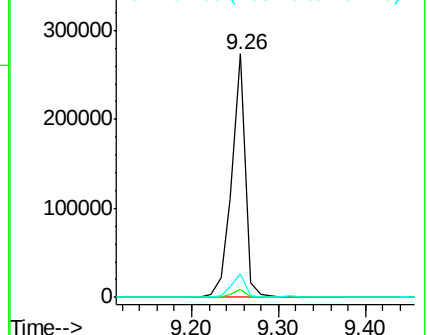
164 9.9 7.8 11.8



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: 48.87 ng

RT: 9.31 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

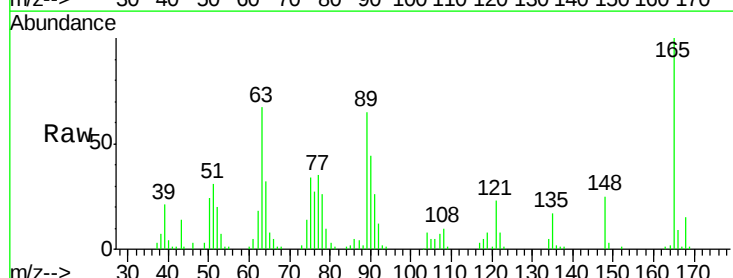
Tgt Ion:165 Resp: 64042

Ion Ratio Lower Upper

165 100

63 67.0 43.5 65.3#

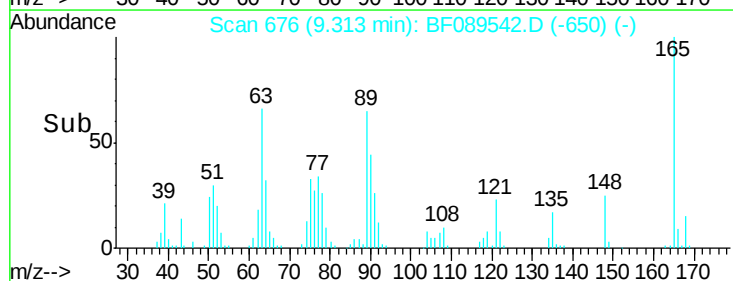
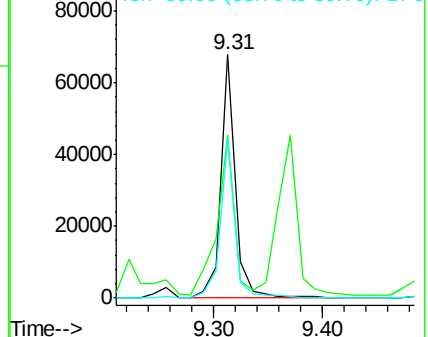
89 65.3 45.0 67.4

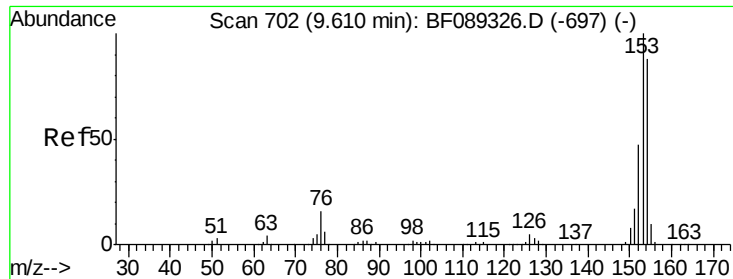


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.57 ng

RT: 9.54 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB92596BS

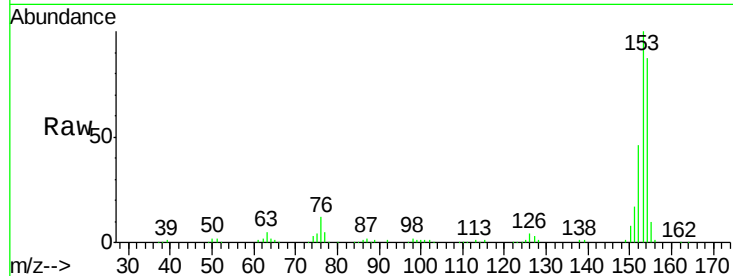
Tot Ion:154 Resp: 224650

Ion Ratio Lower Upper

154 100

153 114.5 91.4 137.2

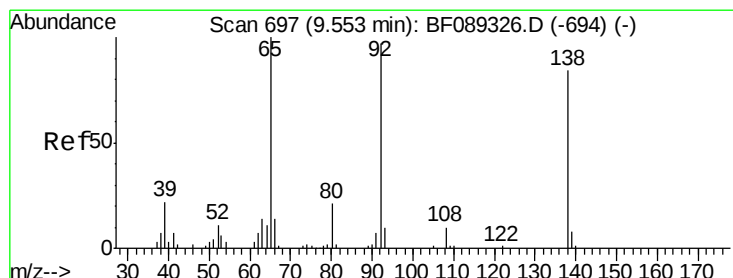
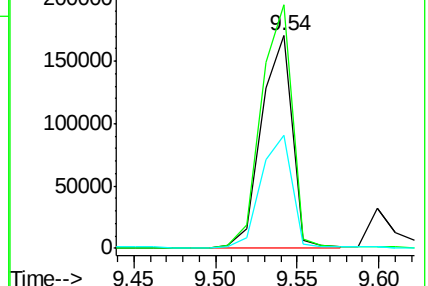
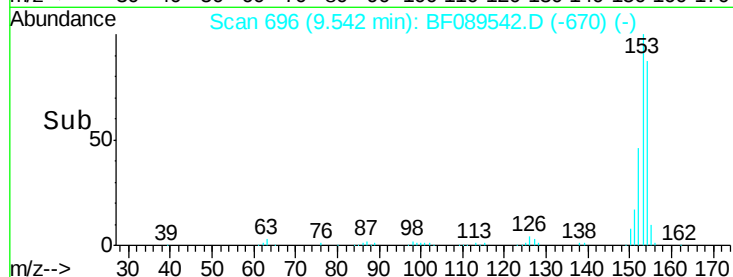
152 53.2 43.8 65.6



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: 26.60 ng

RT: 9.48 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

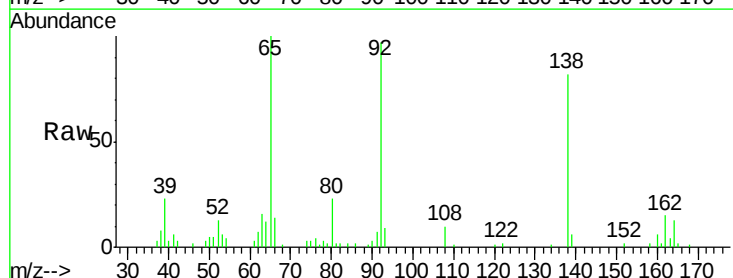
Tgt Ion:138 Resp: 36792

Ion Ratio Lower Upper

138 100

108 11.7 8.6 13.0

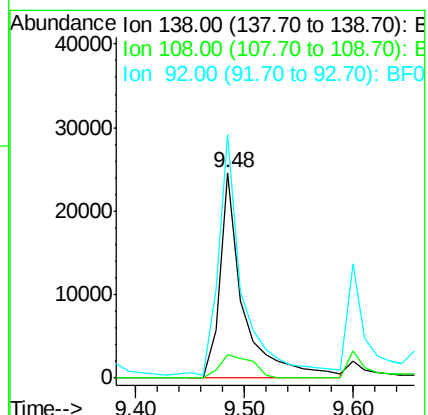
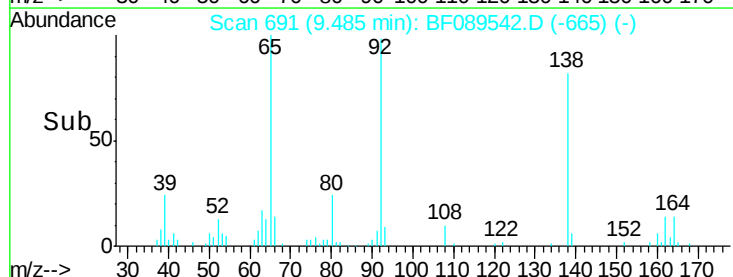
92 118.3 90.0 135.0

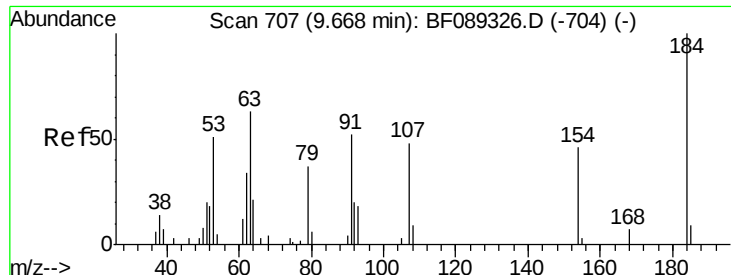


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

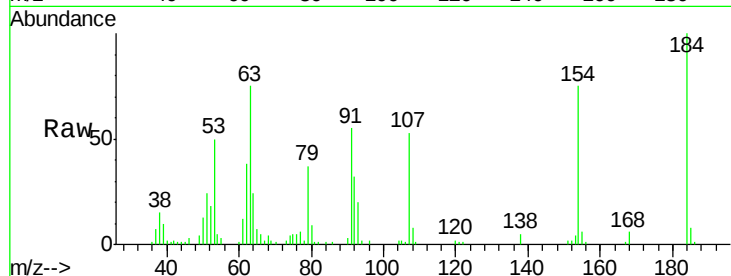




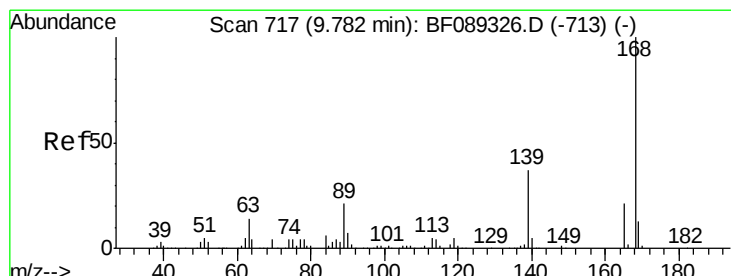
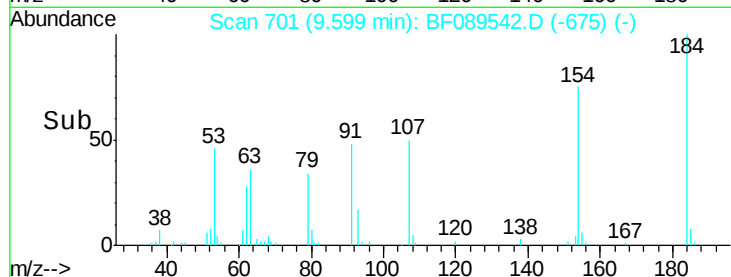
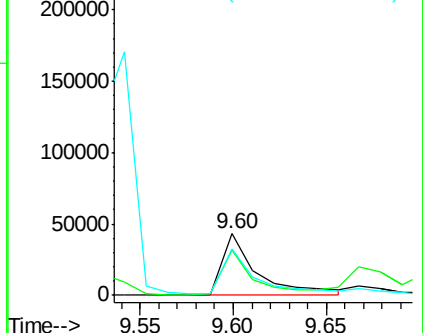
#53
 2,4-Dinitrophenol
 Concen: 88.07 ng
 RT: 9.60 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB92596BS

Tot Ion:184 Resp: 56410
 Ion Ratio Lower Upper
 184 100
 63 74.7 60.6 90.8
 154 75.3 69.8 104.8

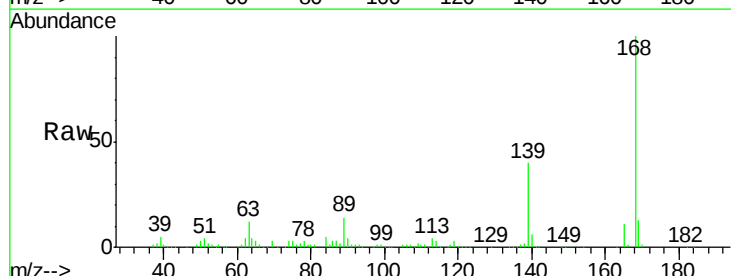


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

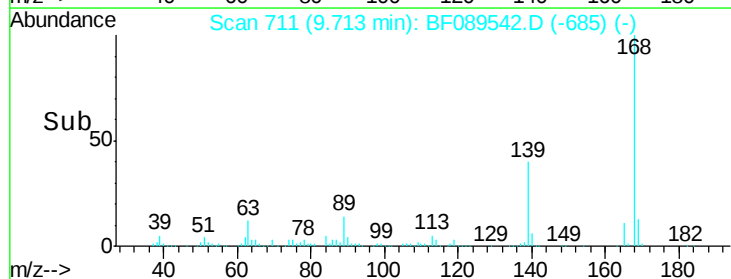
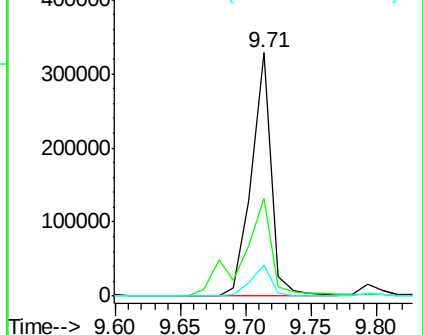


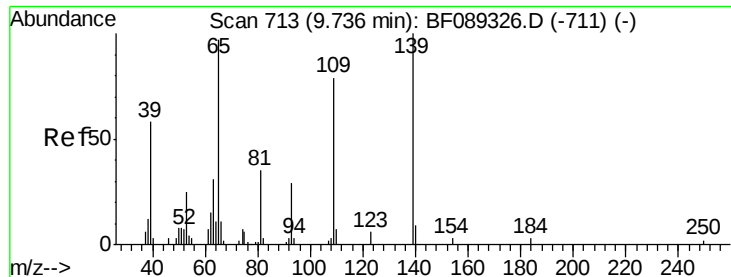
#54
 Dibenzofuran
 Concen: 51.79 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Tgt Ion:168 Resp: 347884
 Ion Ratio Lower Upper
 168 100
 139 39.9 33.7 50.5
 169 13.0 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

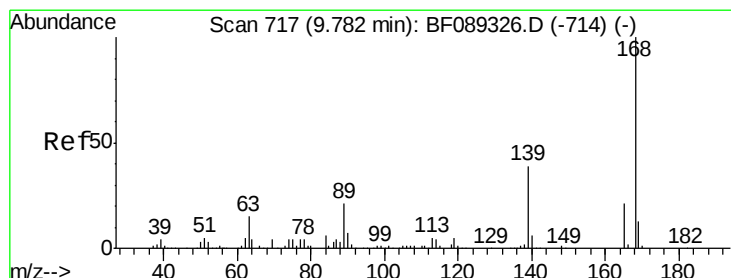
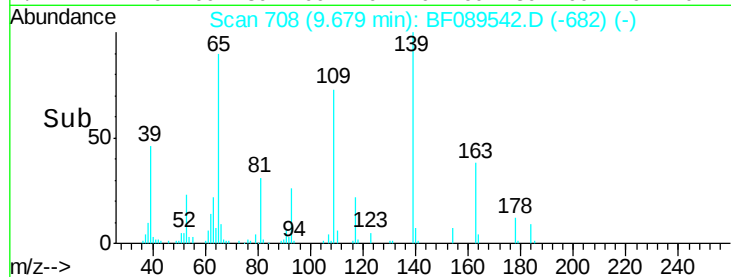
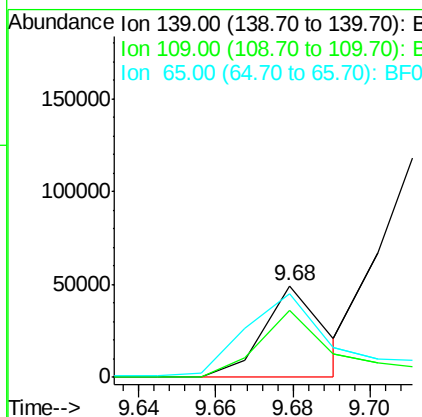
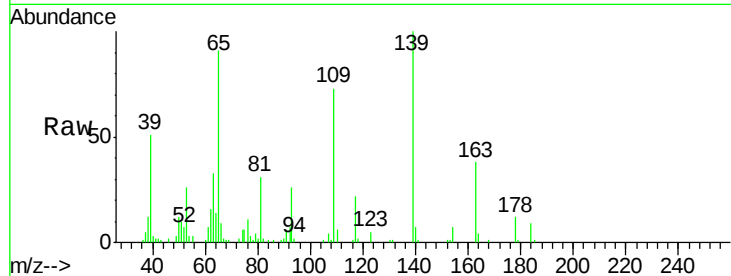




#55
4-Nitrophenol
Concen: 81.09 ng/ml
RT: 9.68 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

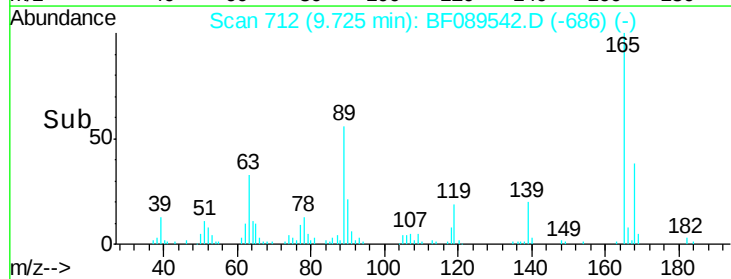
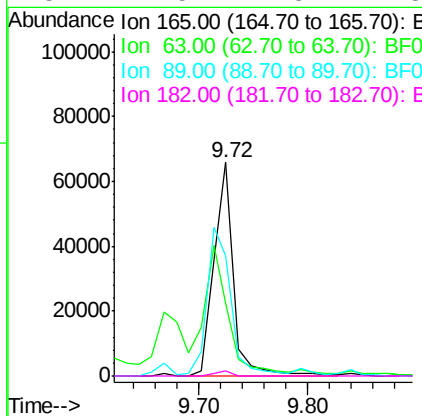
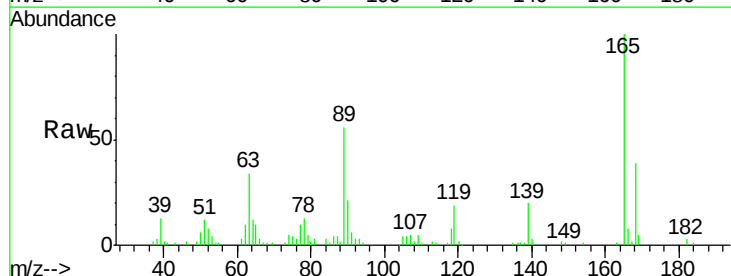
Instrument :
BNA_F
ClientSampleID :
PB92596BS

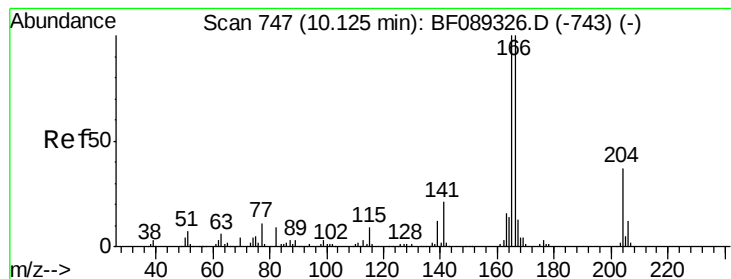
Tot Ion:139 Resp: 54681
Ion Ratio Lower Upper
139 100
109 72.8 57.8 97.8
65 91.2 81.7 121.7



#56
2,4-Dinitrotoluene
Concen: 48.41 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

Tgt Ion:165 Resp: 83525
Ion Ratio Lower Upper
165 100
63 34.5 58.2 87.2#
89 56.5 79.1 118.7#
182 2.5 1.8 2.8





#57

Fluorene

Concen: 43.63 ng

RT: 10.04 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB92596BS

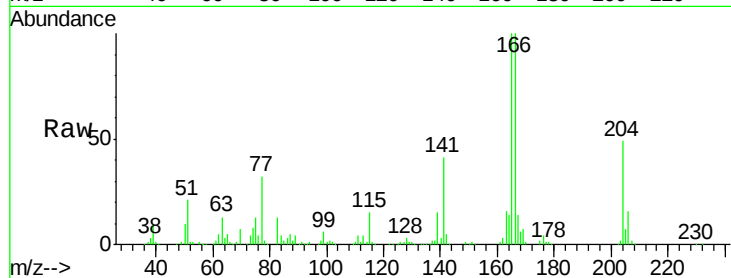
Tot Ion:166 Resp: 255829

Ion Ratio Lower Upper

166 100

165 100.2 79.0 118.4

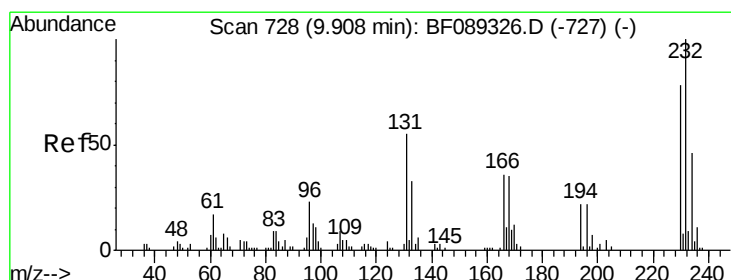
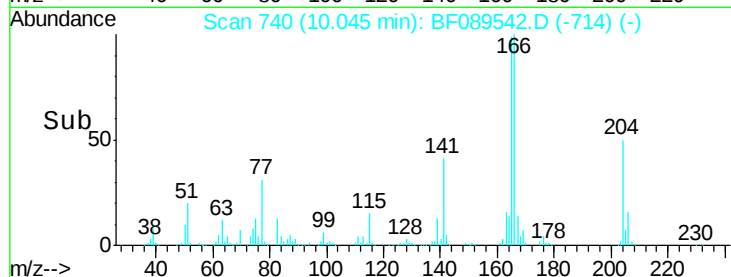
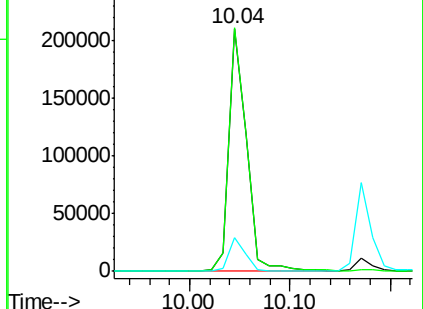
167 13.7 10.2 15.2



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: 55.95 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

Tgt Ion:232 Resp: 65986

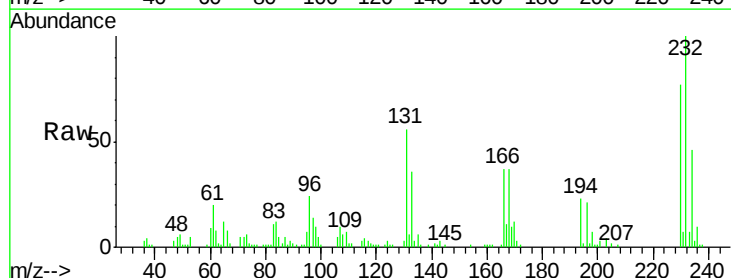
Ion Ratio Lower Upper

232 100

131 53.8 42.7 64.1

130 2.4 1.7 2.5

166 33.0 25.7 38.5

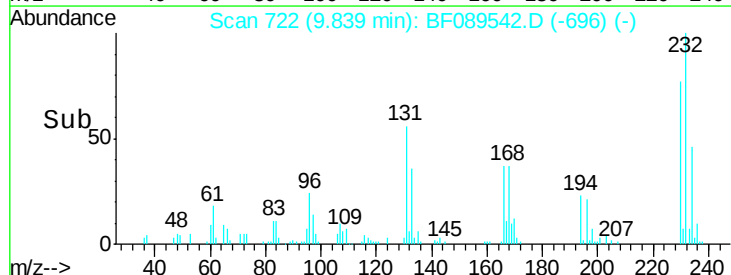
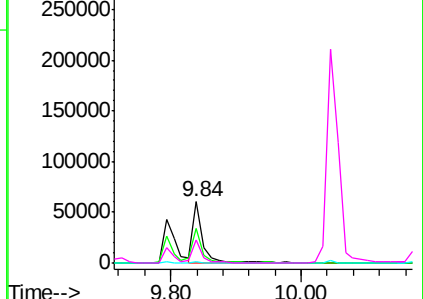


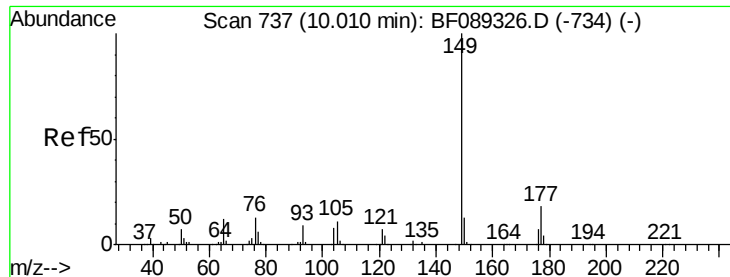
Abundance Ion 232.00 (231.70 to 232.70): E

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

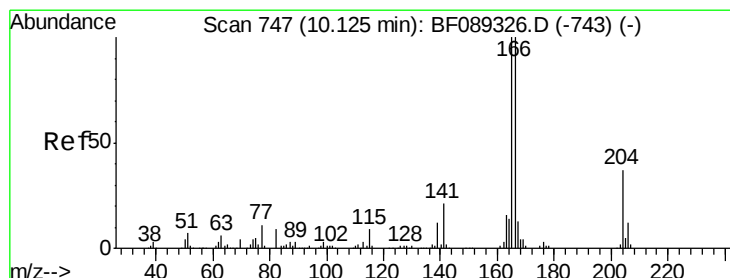
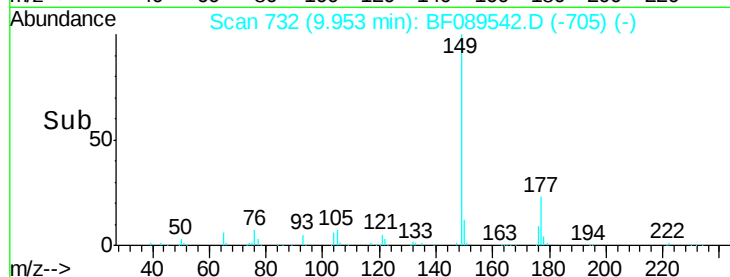
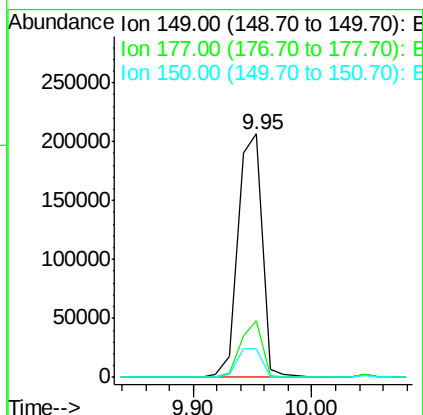
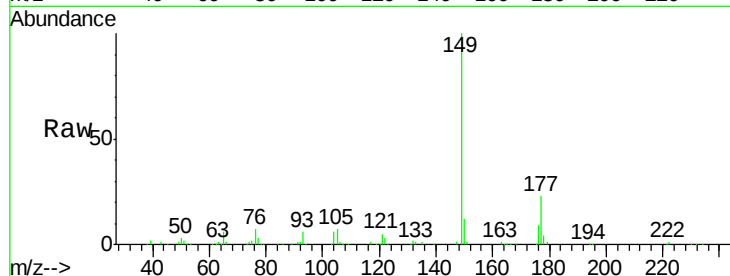




#59
Diethylphthalate
Concen: 45.50 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

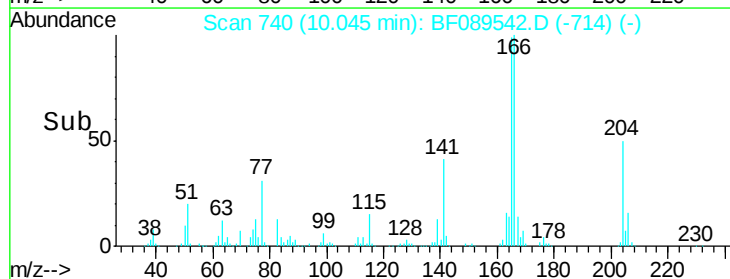
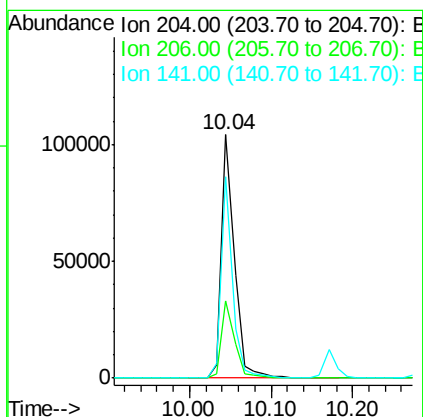
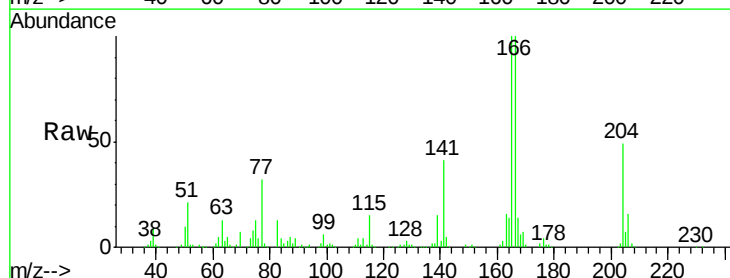
Instrument :
BNA_F
ClientSampleId :
PB92596BS

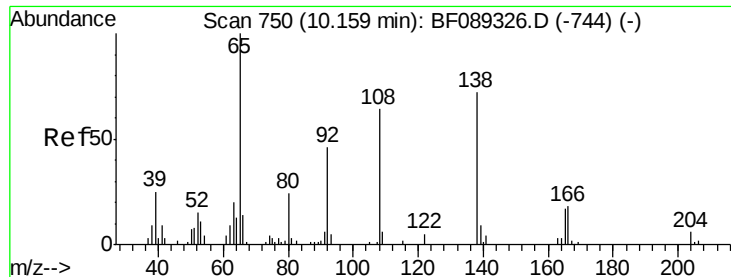
Tot Ion:149 Resp: 294211
Ion Ratio Lower Upper
149 100
177 23.3 15.1 22.7#
150 12.0 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 42.70 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

Tgt Ion:204 Resp: 114858
Ion Ratio Lower Upper
204 100
206 31.7 26.6 39.8
141 82.9 46.6 70.0#

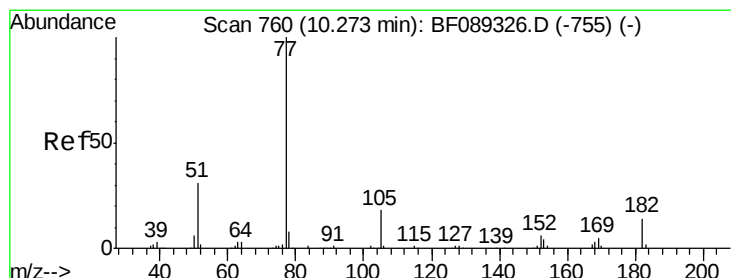
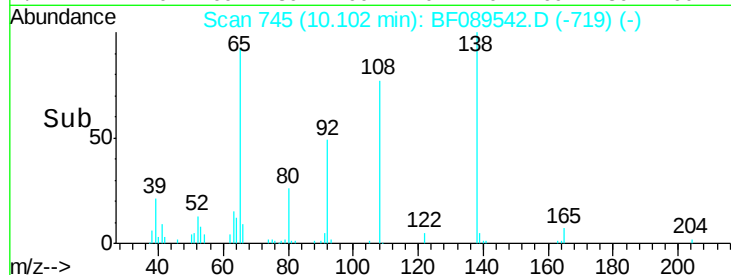
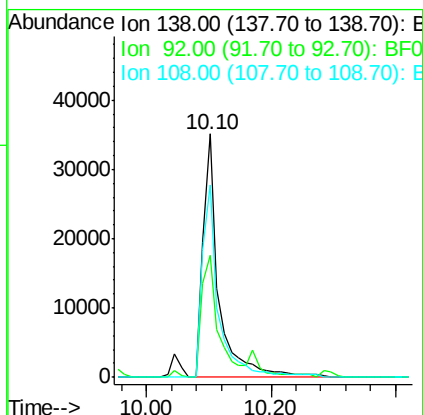
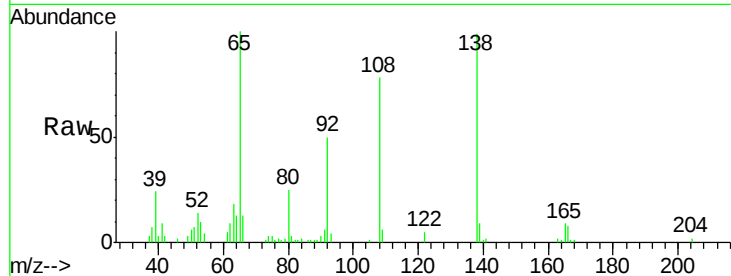




#61
4-Nitroaniline
Concen: 43.43 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

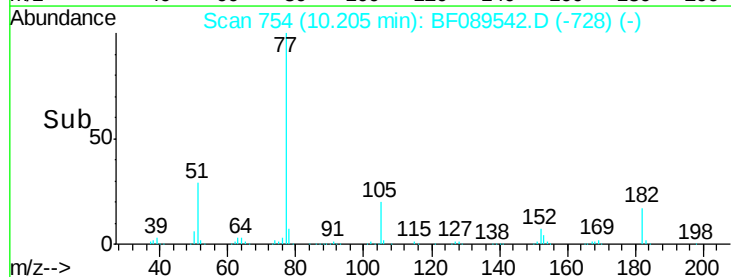
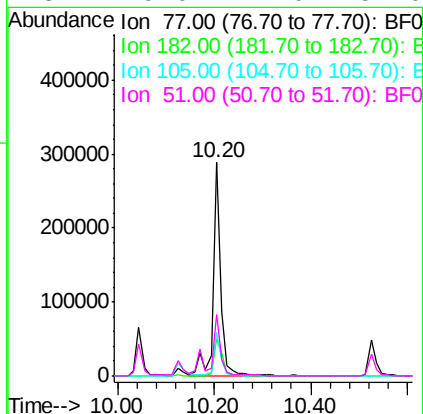
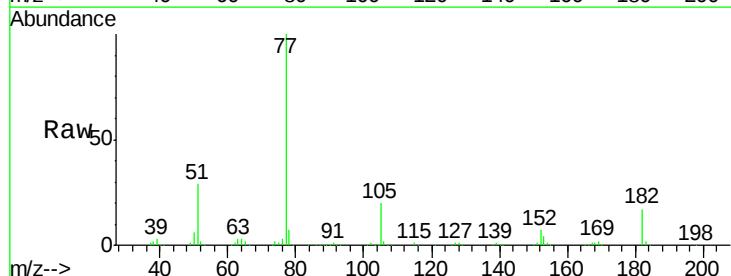
Instrument :
BNA_F
ClientSampleId :
PB92596BS

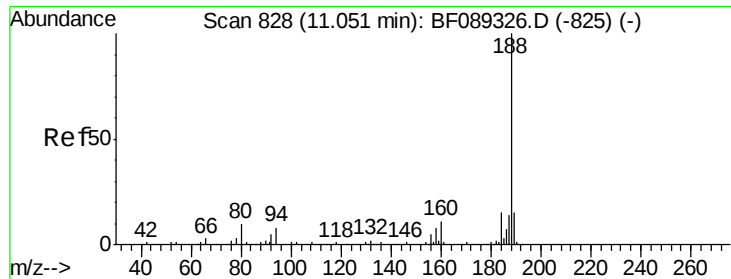
Tot Ion:138 Resp: 61910
Ion Ratio Lower Upper
138 100
92 50.1 41.2 81.2
108 79.0 69.6 109.6



#62
Azobenzene
Concen: 50.40 ng
RT: 10.20 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

Tgt Ion: 77 Resp: 335645
Ion Ratio Lower Upper
77 100
182 17.4 0.0 33.8
105 20.2 0.0 39.8
51 29.0 11.0 51.0

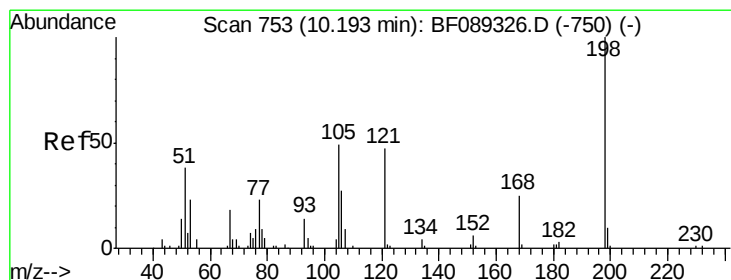
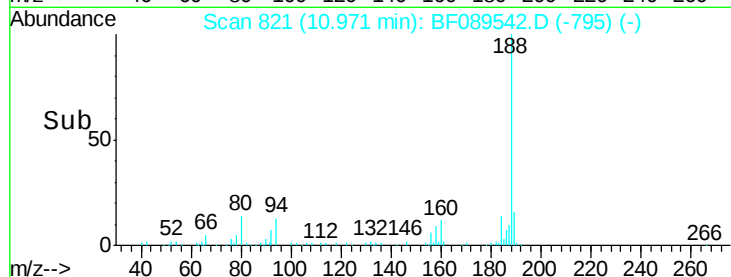
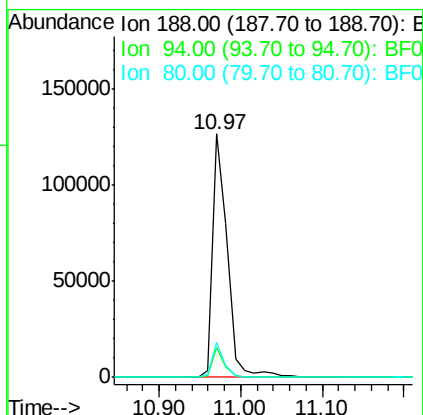
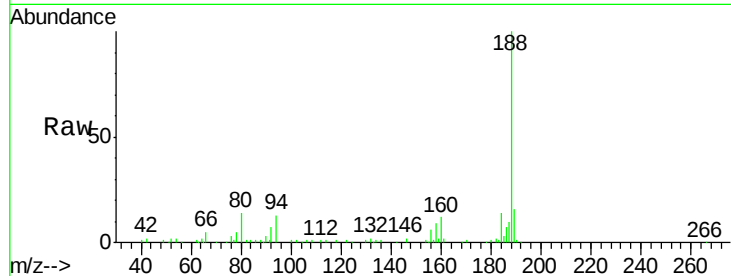




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

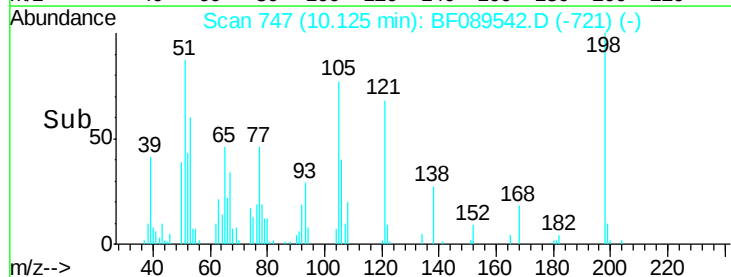
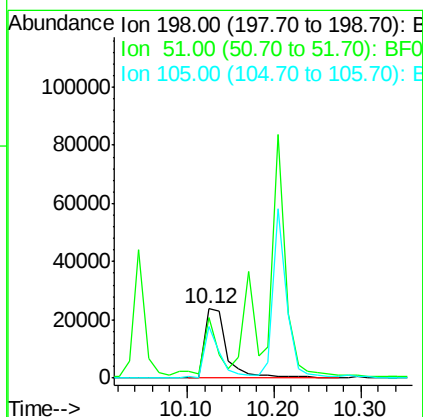
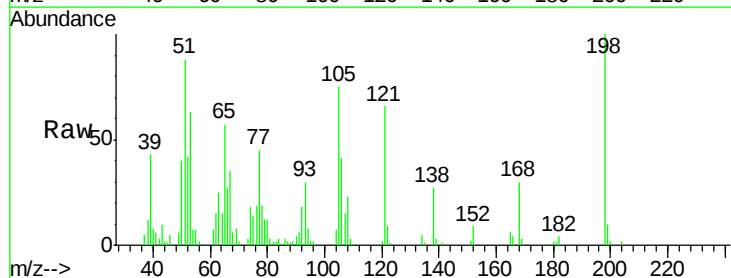
Instrument :
BNA_F
ClientSampleId :
PB92596BS

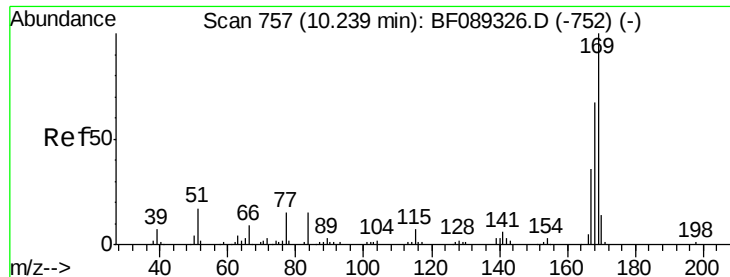
Tot Ion:188 Resp: 159534
Ion Ratio Lower Upper
188 100
94 12.5 6.5 9.7#
80 14.3 7.2 10.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 44.35 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

Tgt Ion:198 Resp: 42350
Ion Ratio Lower Upper
198 100
51 87.6 23.0 63.0#
105 75.2 28.3 68.3#

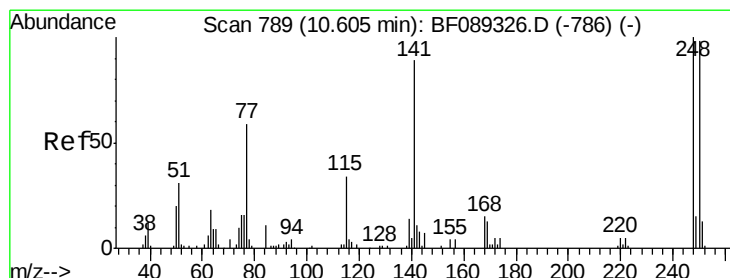
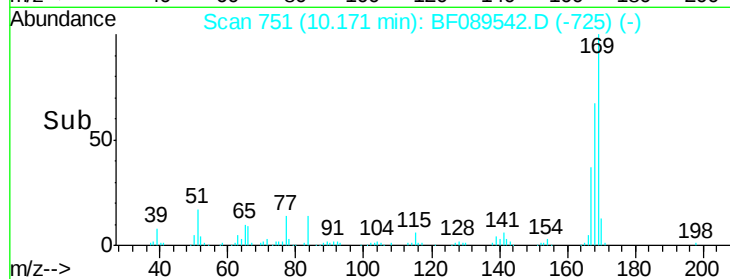
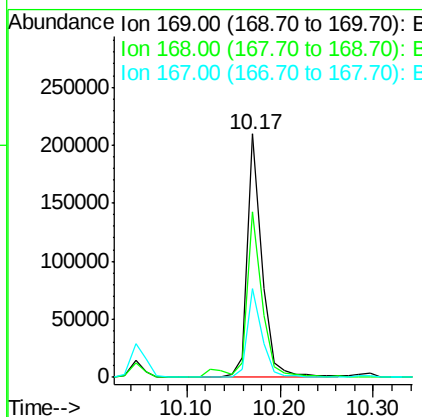
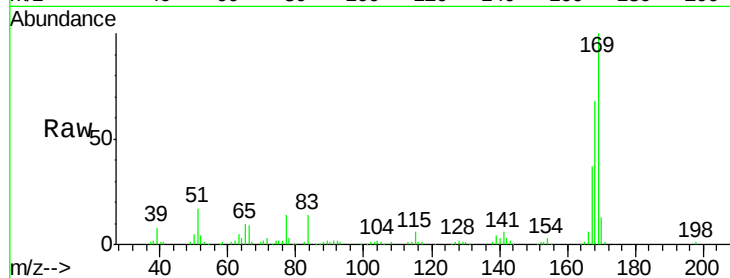




#65
 n-Nitrosodiphenylamine
 Concen: 46.01 ng
 RT: 10.17 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

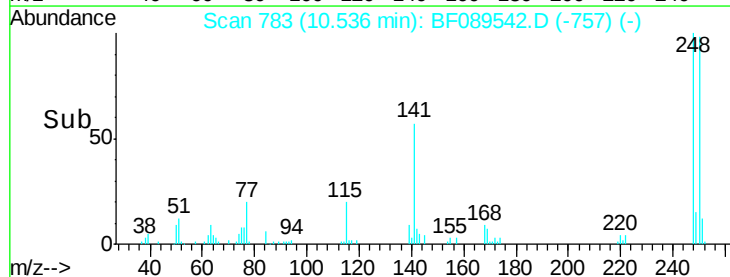
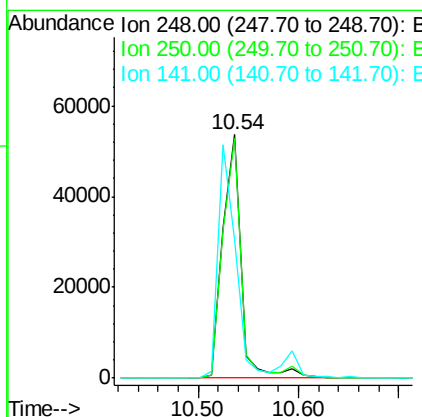
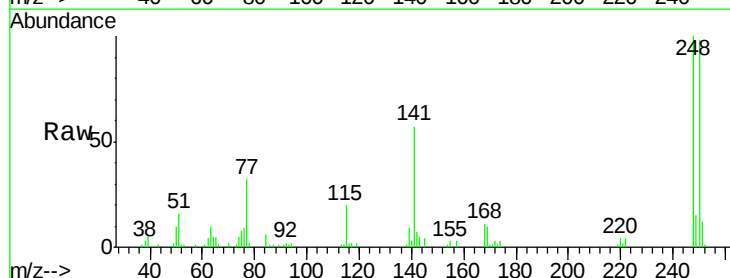
Instrument :
 BNA_F
 ClientSampleId :
 PB92596BS

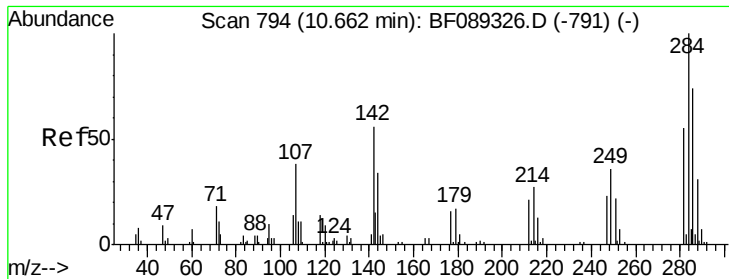
Tot Ion:169 Resp: 229008
 Ion Ratio Lower Upper
 169 100
 168 68.1 55.4 83.0
 167 36.7 29.7 44.5



#66
 4-Bromophenyl-phenylether
 Concen: 44.97 ng
 RT: 10.54 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Tgt Ion:248 Resp: 68492
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.2 117.2
 141 56.7 62.0 93.0#

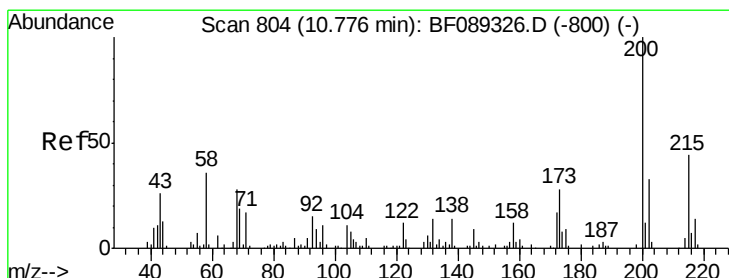
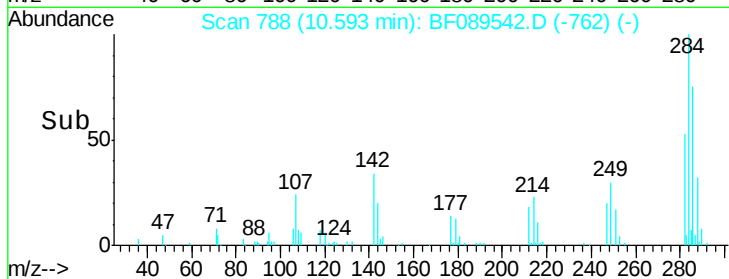
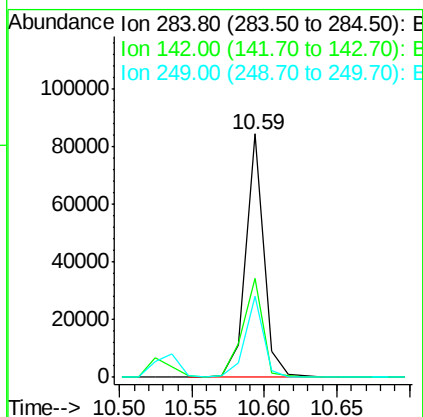
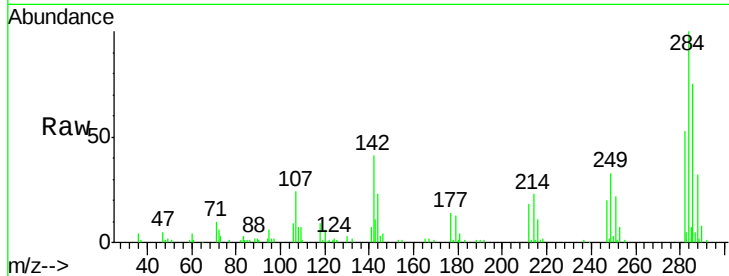




#67
Hexachlorobenzene
Concen: 46.97 ng
RT: 10.59 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

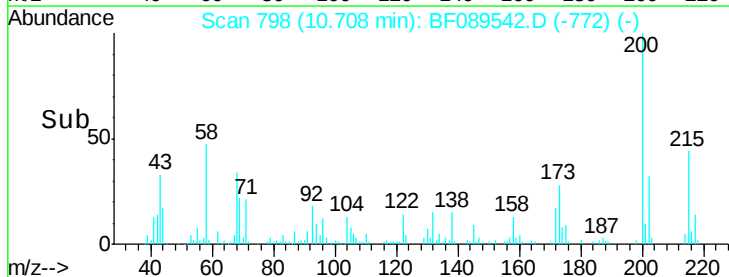
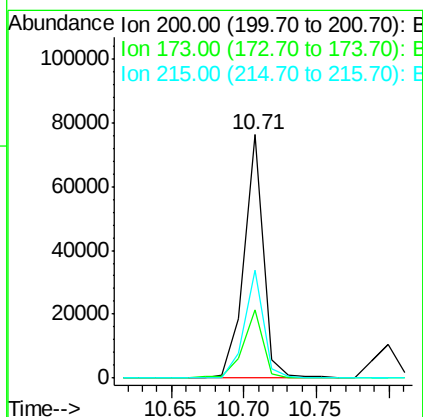
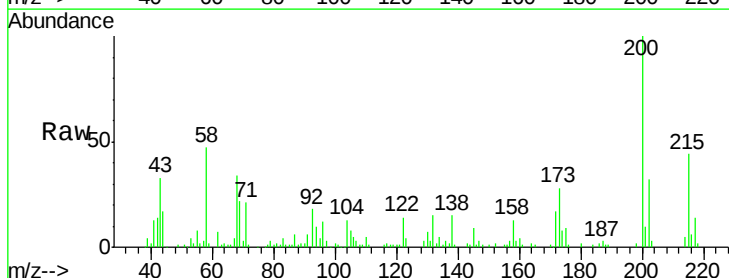
Instrument :
BNA_F
ClientSampled :
PB92596BS

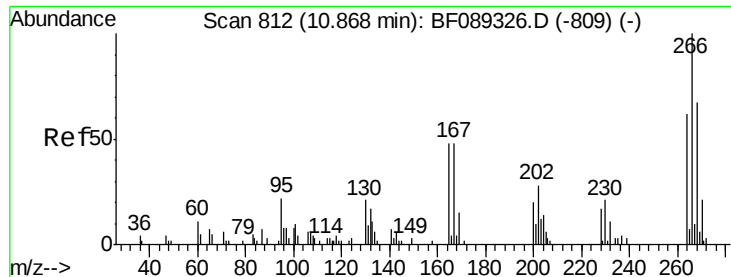
Tot Ion:284 Resp: 73317
Ion Ratio Lower Upper
284 100
142 40.5 42.2 63.4#
249 33.1 29.4 44.0



#68
Atrazine
Concen: 46.35 ng
RT: 10.71 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

Tgt Ion:200 Resp: 70874
Ion Ratio Lower Upper
200 100
173 28.3 6.0 46.0
215 44.1 24.3 64.3

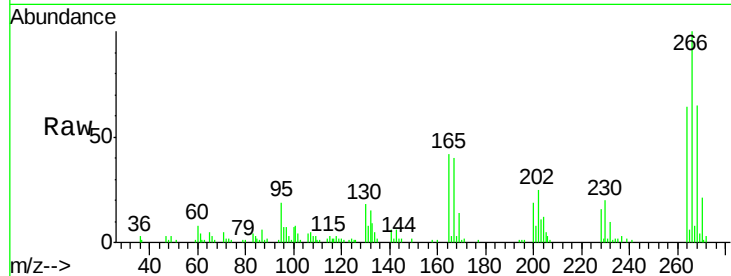




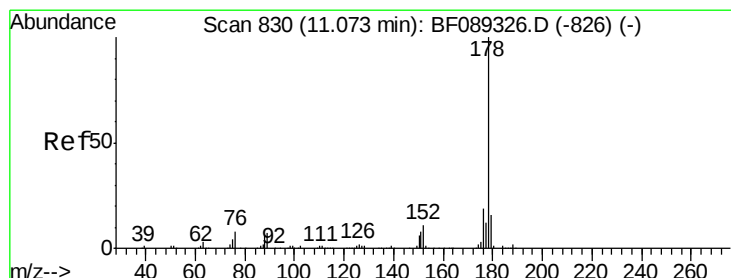
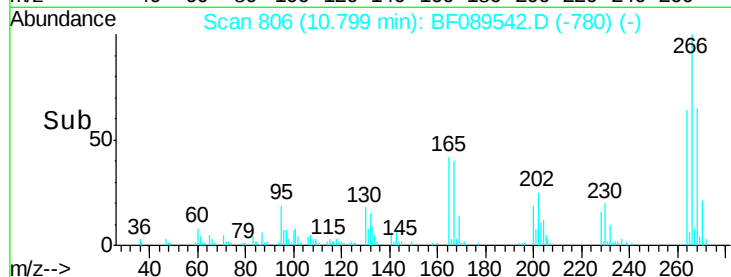
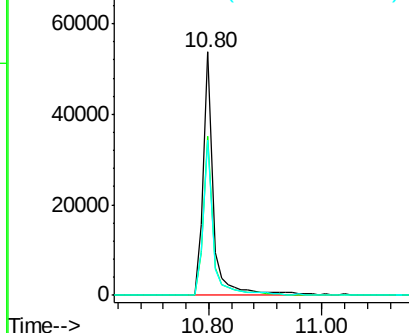
#69
 Pentachlorophenol
 Concen: 86.55 ng
 RT: 10.80 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB92596BS

Tot Ion:266 Resp: 65861
 Ion Ratio Lower Upper
 266 100
 268 65.1 49.4 74.2
 264 63.8 50.2 75.2

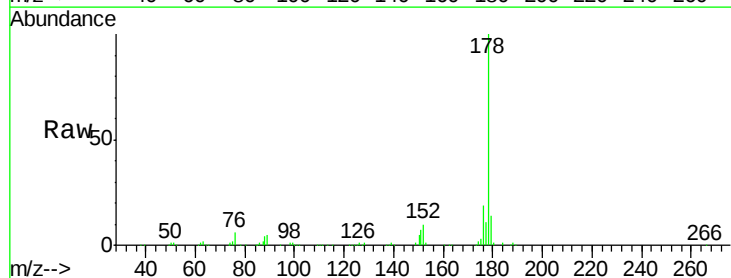


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

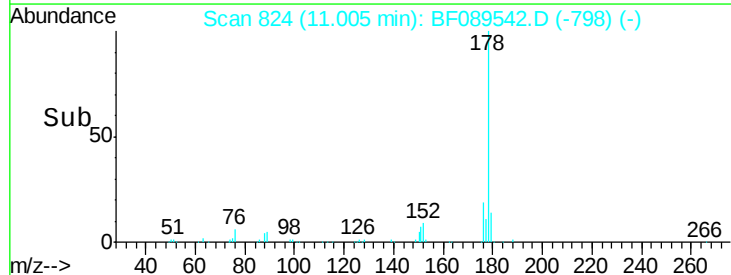
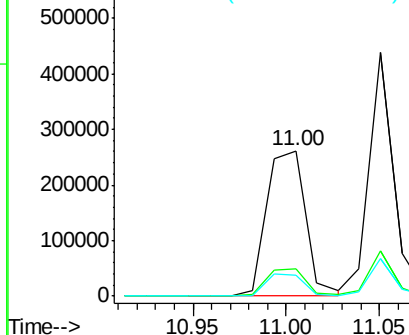


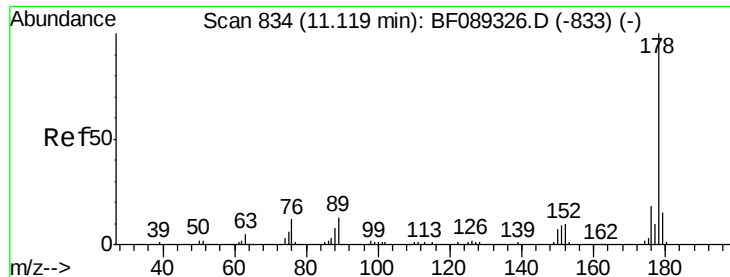
#70
 Phenanthrene
 Concen: 46.13 ng
 RT: 11.00 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Tgt Ion:178 Resp: 379557
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.5 23.3
 179 14.5 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

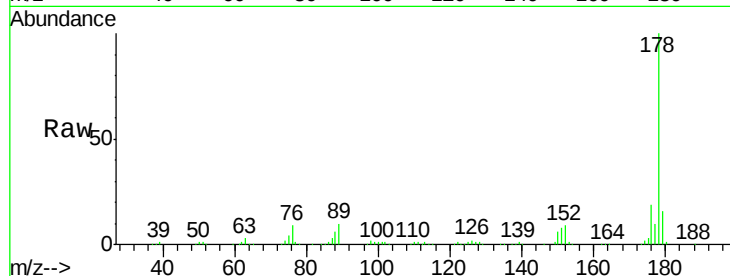




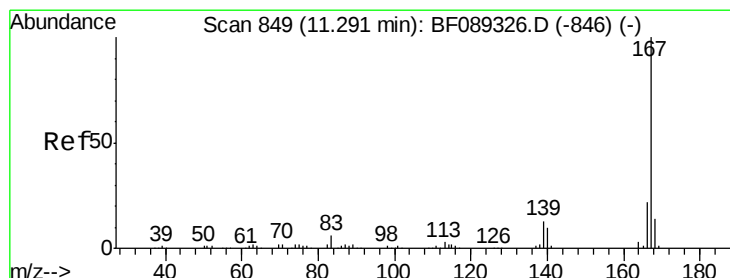
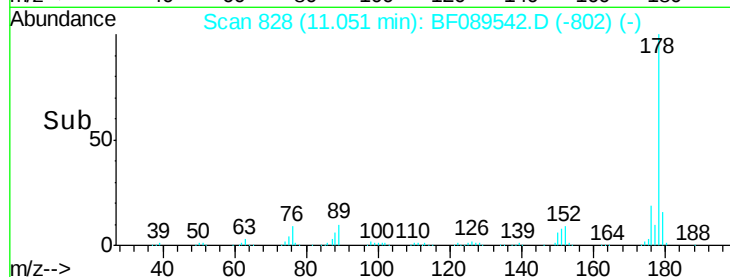
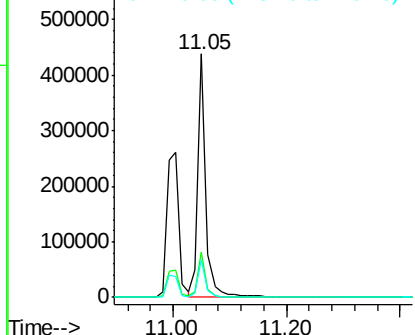
#71
 Anthracene
 Concen: 46.45 ng
 RT: 11.05 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB92596BS

Tot Ion:178 Resp: 424938
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.8 22.2
 179 15.5 12.6 18.8

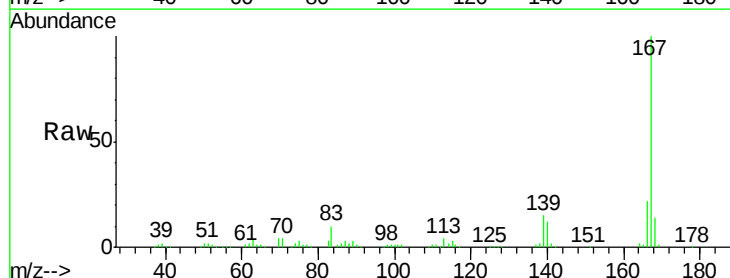


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

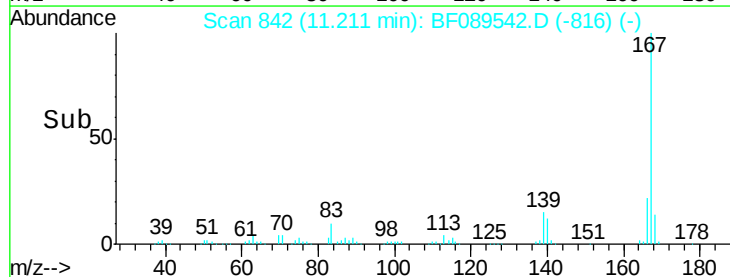
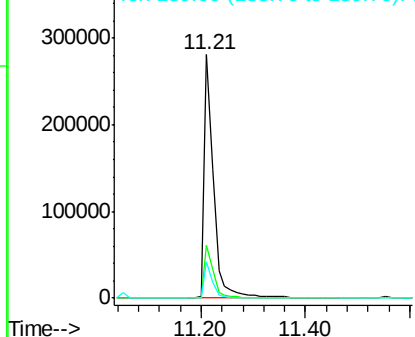


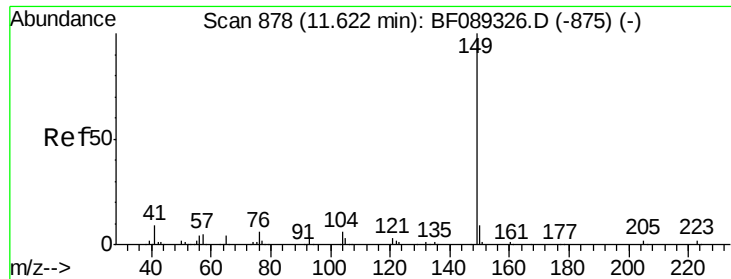
#72
 Carbazole
 Concen: 46.21 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Tgt Ion:167 Resp: 355858
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 14.8 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: 41.69 ng

RT: 11.55 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB92596BS

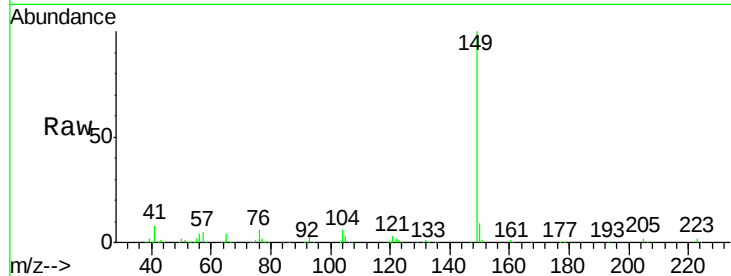
Tot Ion:149 Resp: 430740

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

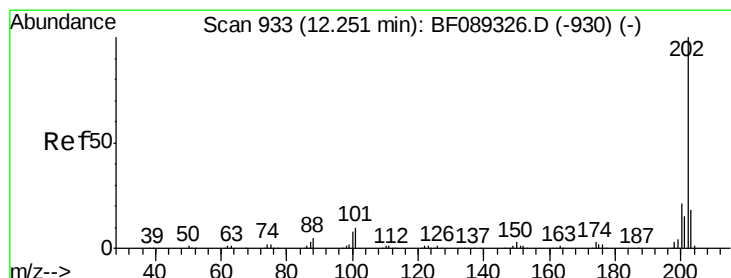
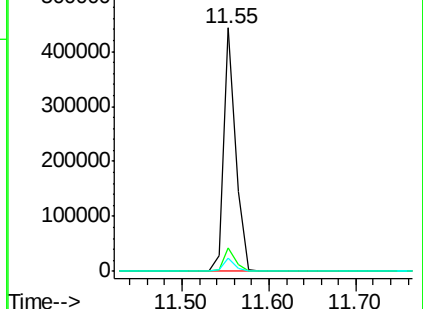
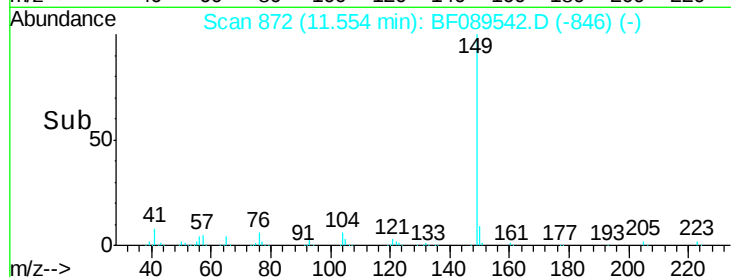
104 5.5 4.7 7.1



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: 45.15 ng

RT: 12.17 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

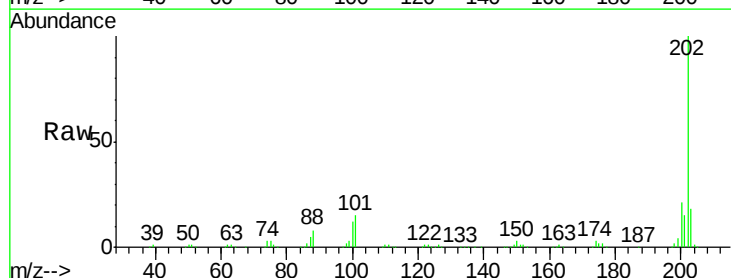
Tgt Ion:202 Resp: 390749

Ion Ratio Lower Upper

202 100

101 14.8 0.0 29.9

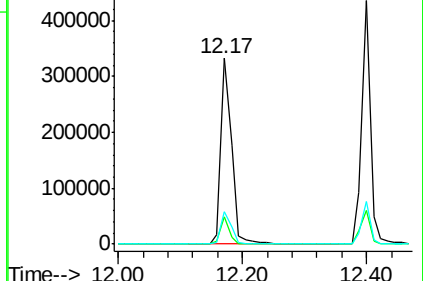
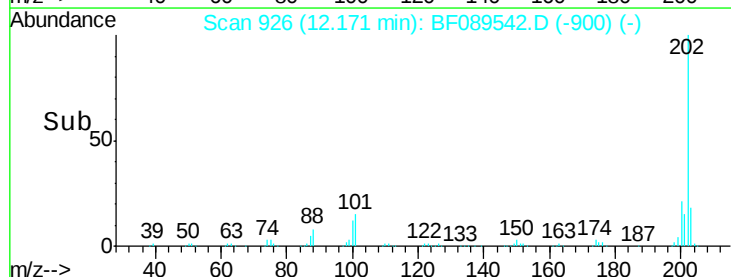
203 17.7 0.0 37.3



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: 13.60 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB92596BS

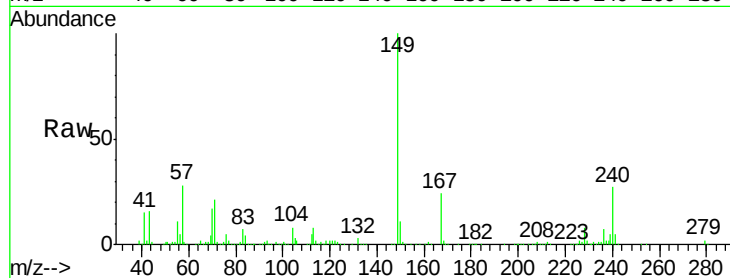
Tot Ion:240 Resp: 112320

Ion Ratio Lower Upper

240 100

120 8.2 9.1 13.7#

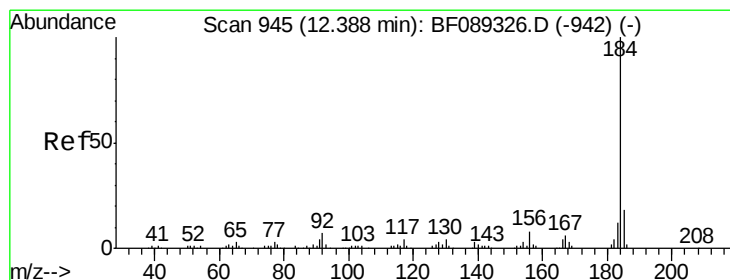
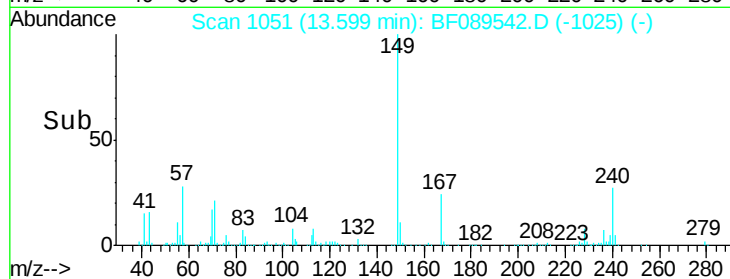
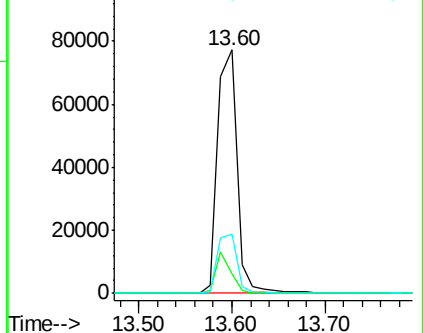
236 24.4 20.6 30.8



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: 32.67 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

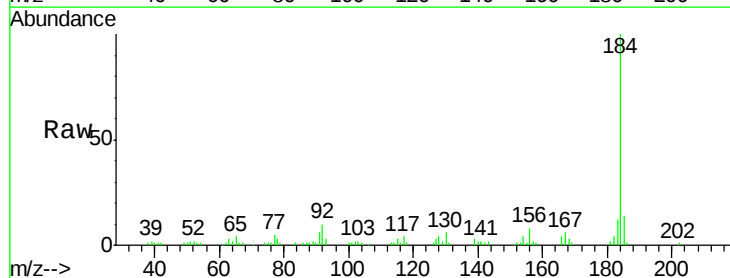
Tgt Ion:184 Resp: 135588

Ion Ratio Lower Upper

184 100

185 14.5 13.5 20.3

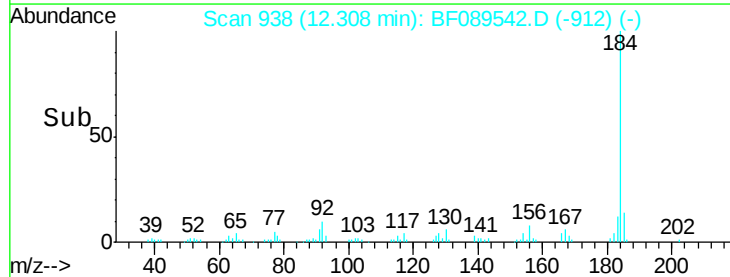
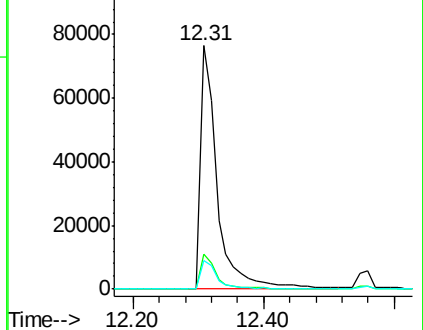
183 11.9 9.8 14.6

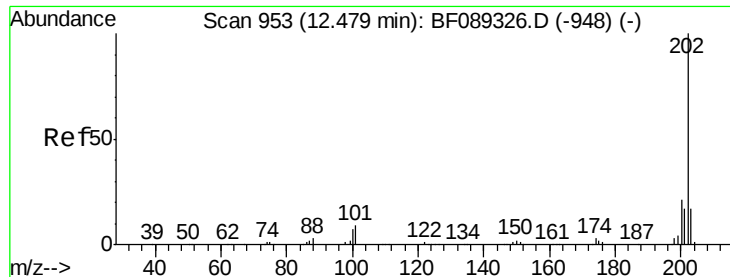


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

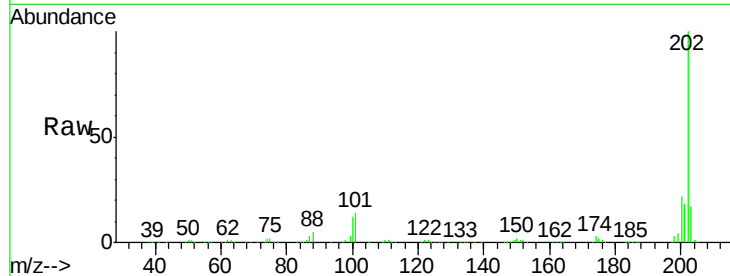




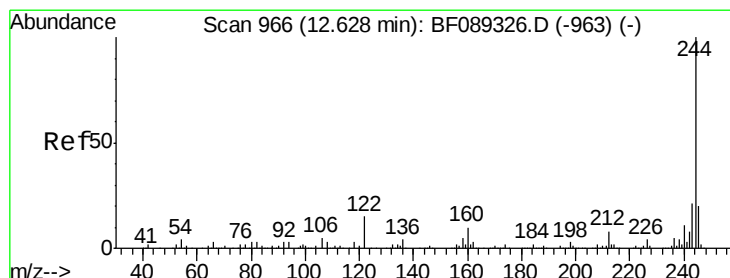
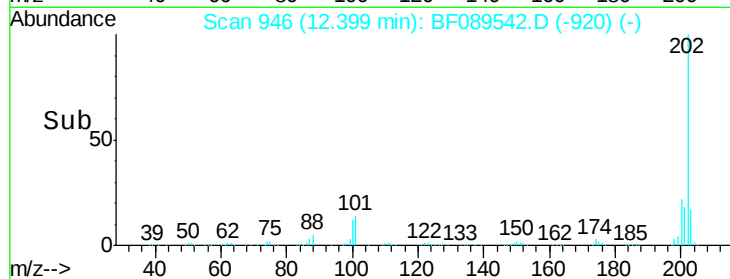
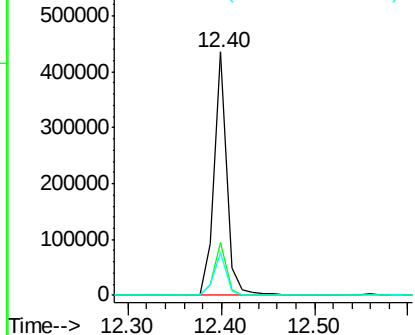
#77
Pvrene
Concen: 48.19 ng
RT: 12.40 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB92596BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	17.5	14.0	21.0

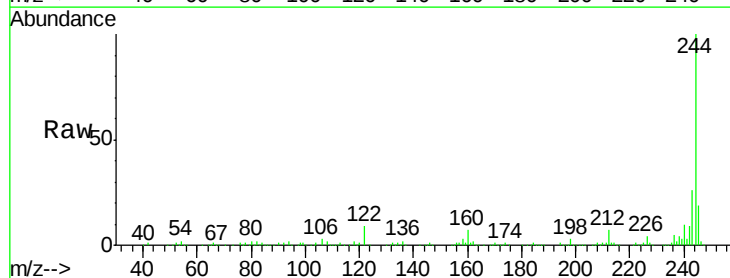


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

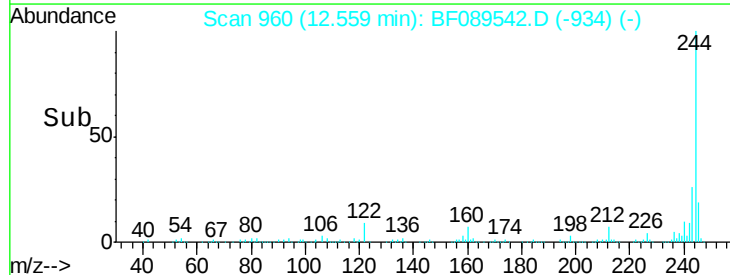
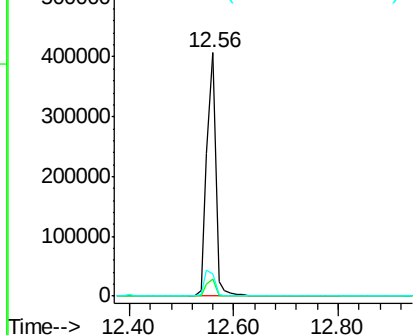


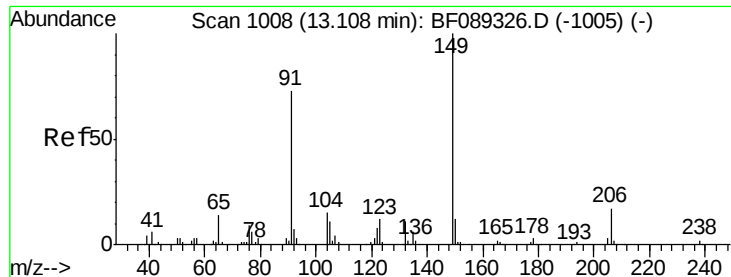
#78
Terphenyl-d14
Concen: 101.16 ng
RT: 12.56 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	8.9	11.4	17.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

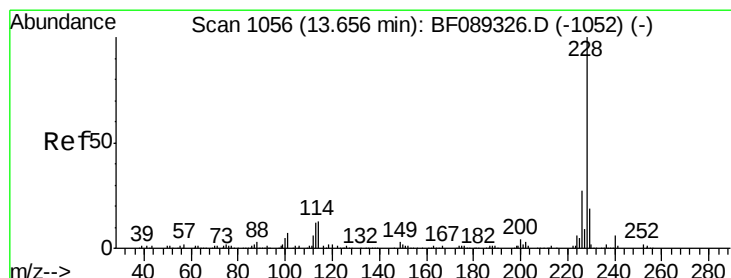
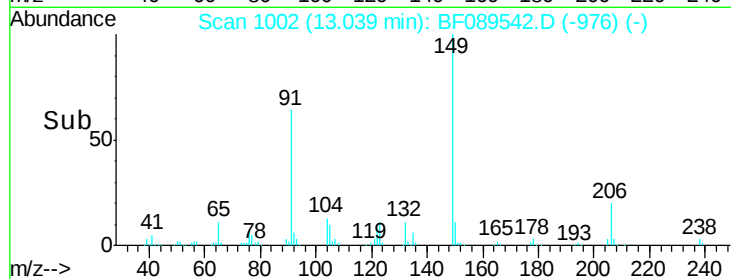
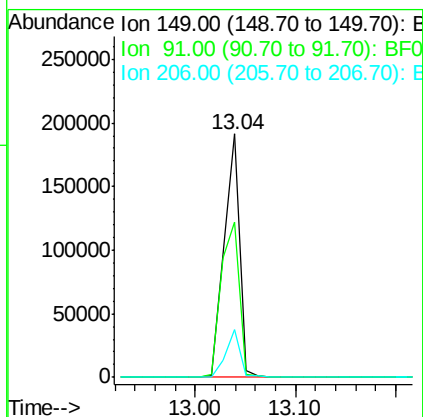
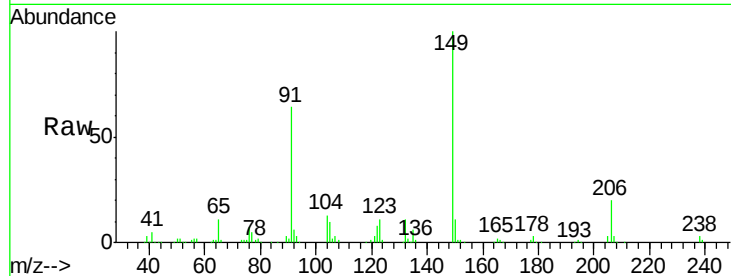




#79
Butylbenzylphthalate
Concen: 52.94 ng
RT: 13.04 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

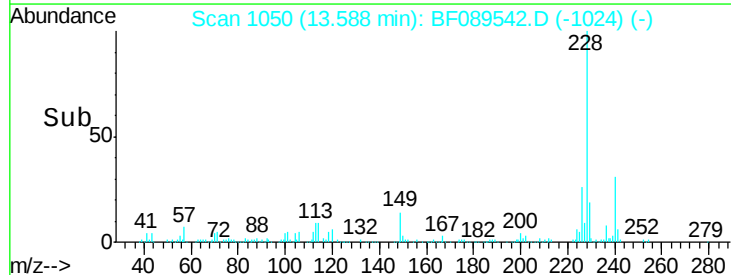
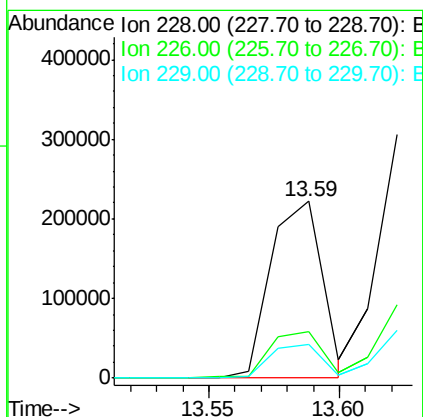
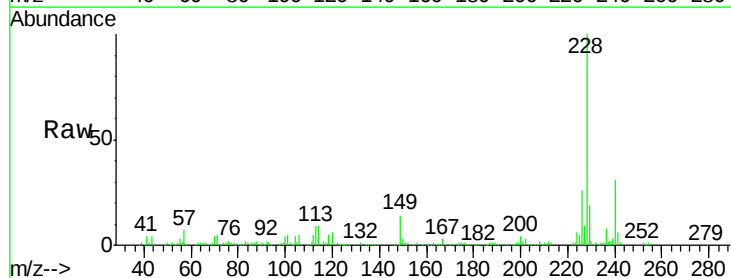
Instrument :
BNA_F
ClientSampleId :
PB92596BS

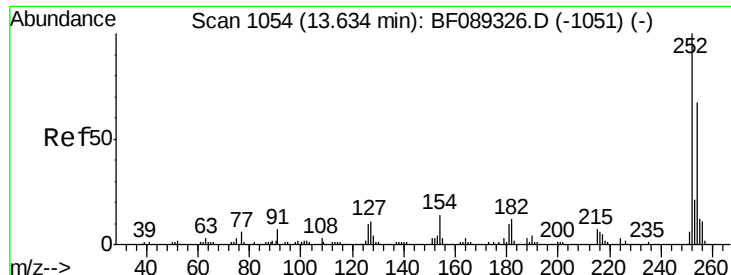
Tot Ion:149 Resp: 204882
Ion Ratio Lower Upper
149 100
91 63.9 58.5 87.7
206 19.6 13.8 20.8



#80
Benzo(a)anthracene
Concen: 47.91 ng
RT: 13.59 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

Tgt Ion:228 Resp: 303699
Ion Ratio Lower Upper
228 100
226 26.5 21.4 32.2
229 19.1 15.9 23.9

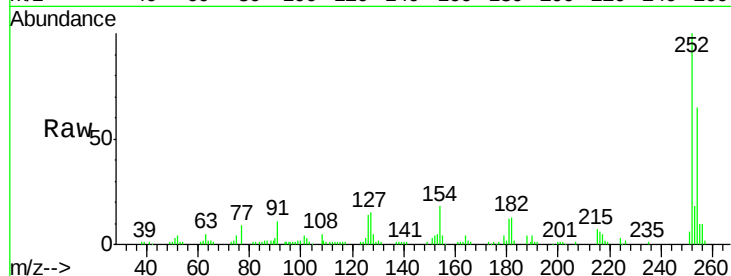




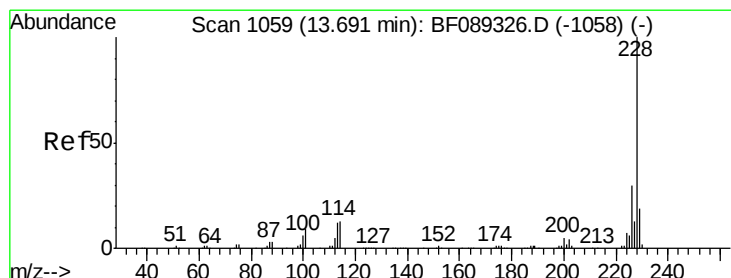
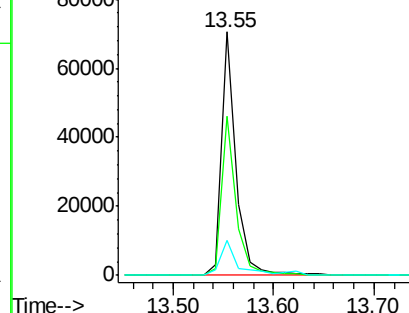
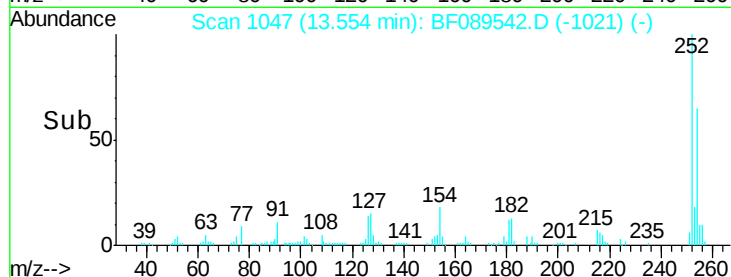
#81
 3,3'-Dichlorobenzidine
 Concen: 30.77 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB92596BS

Tot Ion:252 Resp: 70178
 Ion Ratio Lower Upper
 252 100
 254 65.3 52.5 78.7
 126 14.4 7.4 11.2#

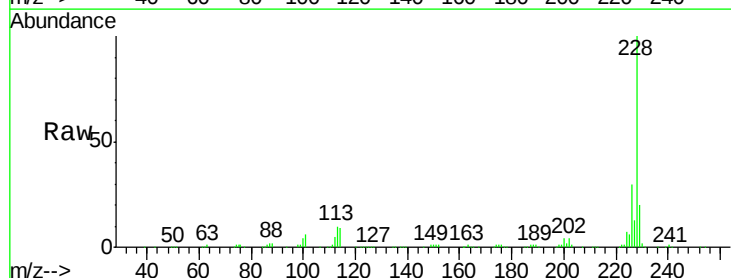


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

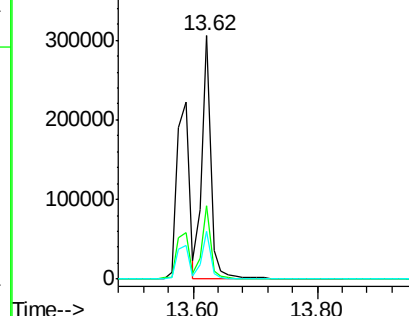
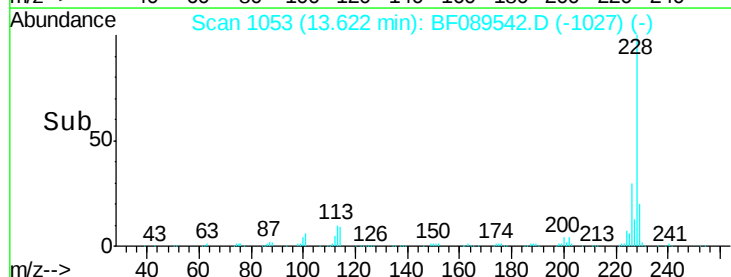


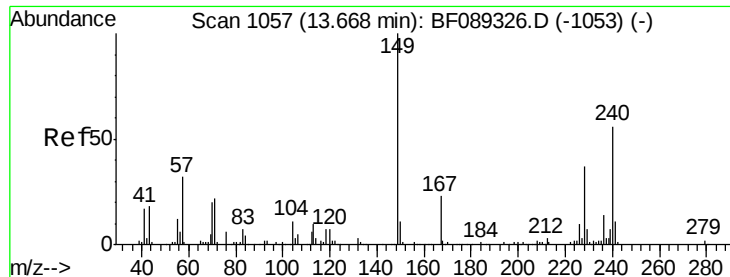
#82
 Chrysene
 Concen: 46.79 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Tgt Ion:228 Resp: 315683
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.2 36.2
 229 19.7 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

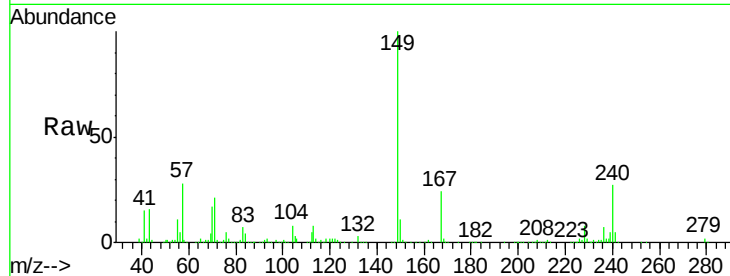




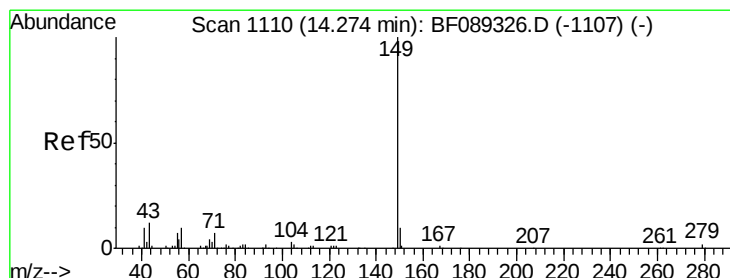
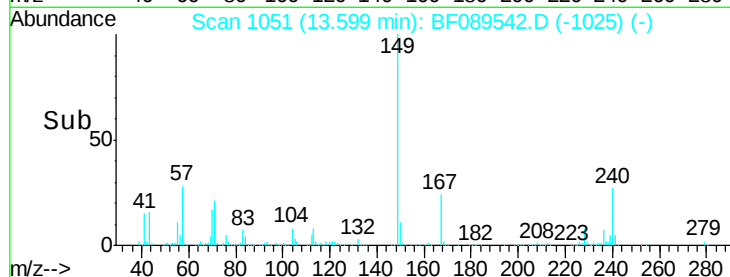
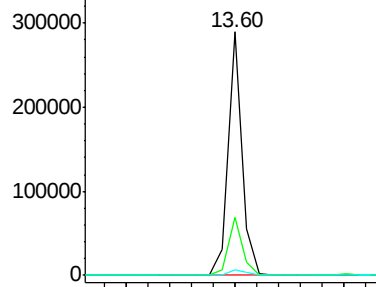
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.68 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB92596BS

Tot Ion:149 Resp: 261140
 Ion Ratio Lower Upper
 149 100
 167 24.0 18.8 28.2
 279 2.2 1.4 2.0#

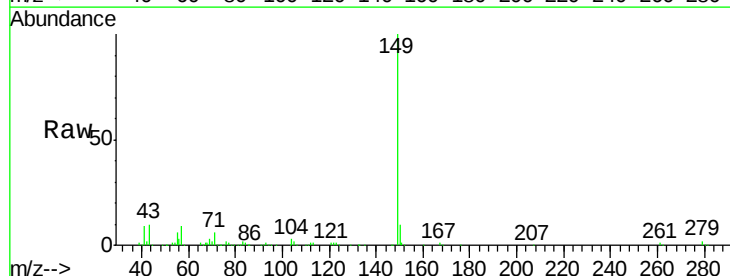


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

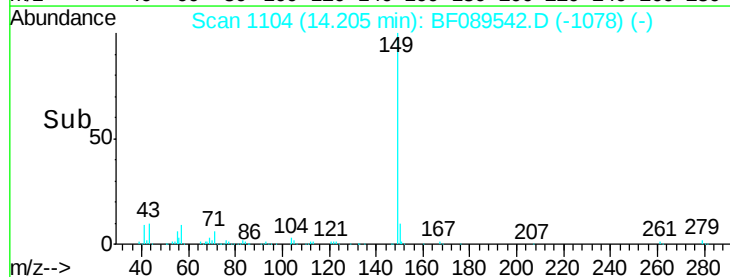
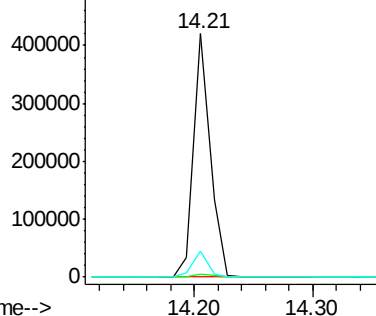


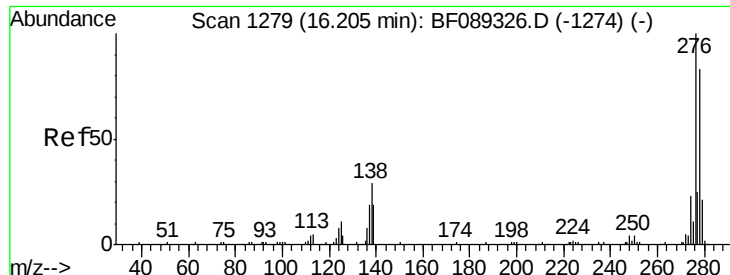
#84
 Di-n-octyl phthalate
 Concen: 46.66 ng
 RT: 14.21 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Tgt Ion:149 Resp: 407302
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.9 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

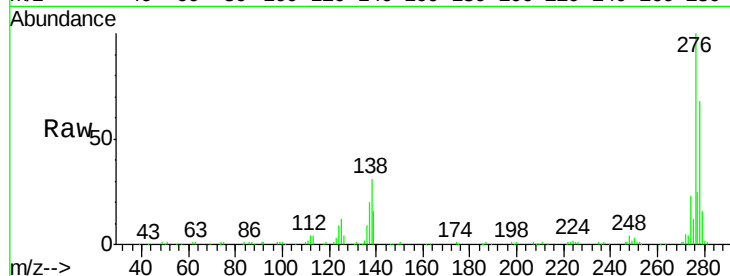




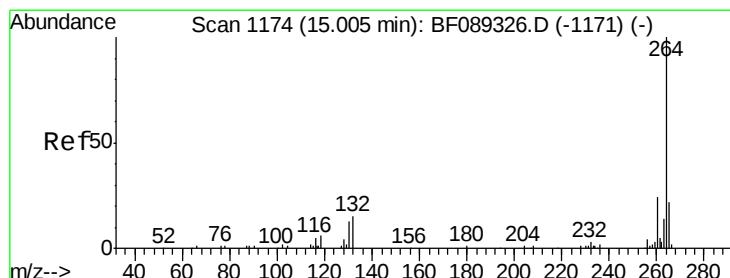
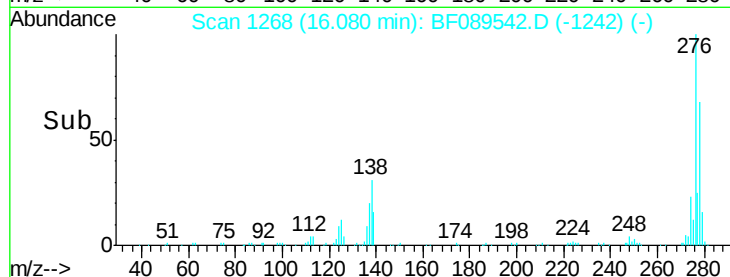
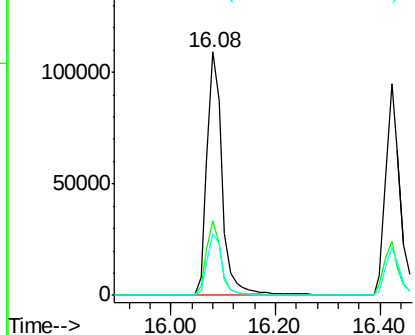
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.56 ng
 RT: 16.08 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Instrument :
 BNA_F
 ClientSampled :
 PB92596BS

Tot Ion:276 Resp: 223362
 Ion Ratio Lower Upper
 276 100
 138 29.5 23.0 34.4
 277 25.3 20.2 30.4

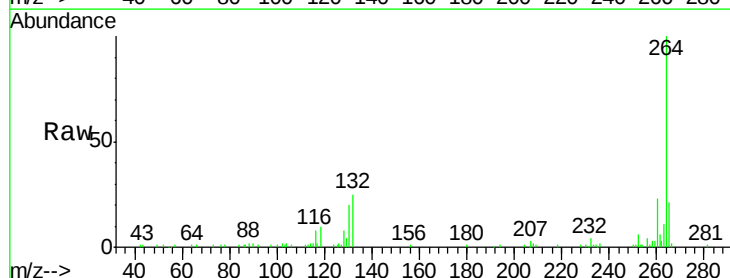


Abundance Ion 276.00 (275.70 to 276.70): E
 150000 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

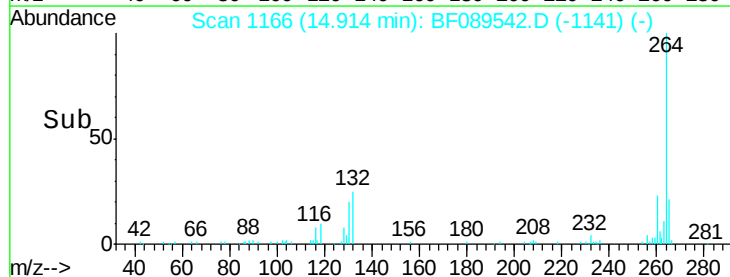
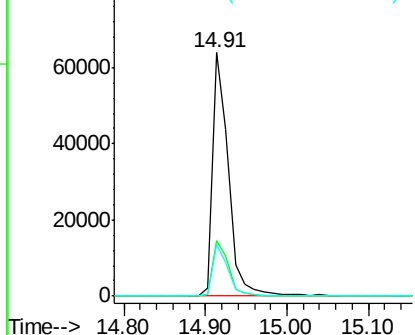


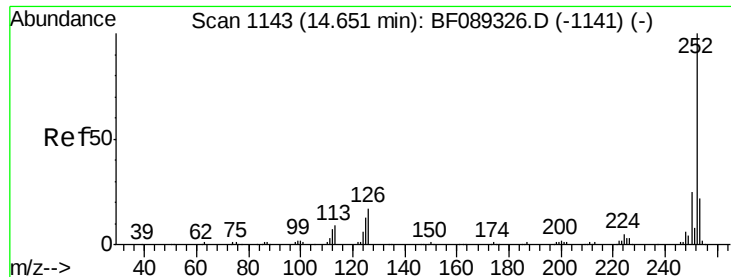
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF089542.D
 Acq: 2 Aug 2016 12:45

Tgt Ion:264 Resp: 86702
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 21.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 80000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 52.41 ng m

RT: 14.58 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB92596BS

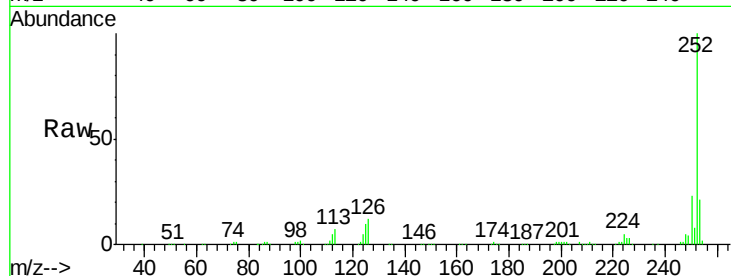
Tot Ion:252 Resp: 282177

Ion Ratio Lower Upper

252 100

253 21.0 17.2 25.8

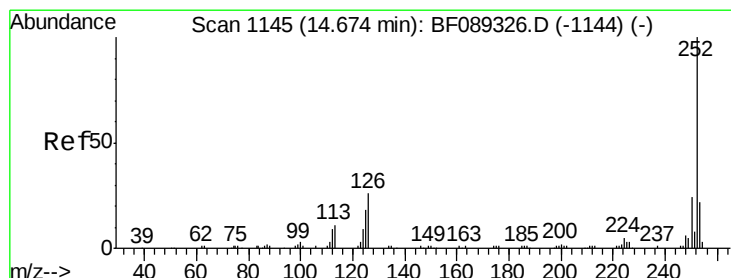
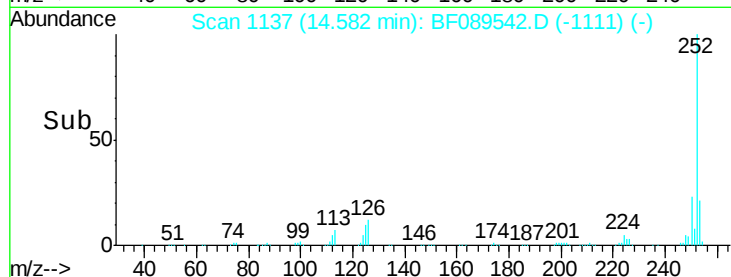
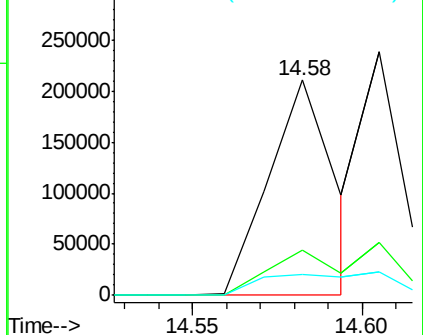
125 9.8 9.7 14.5



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



#88

Benzo(k)fluoranthene

Concen: 41.37 ng m

RT: 14.61 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

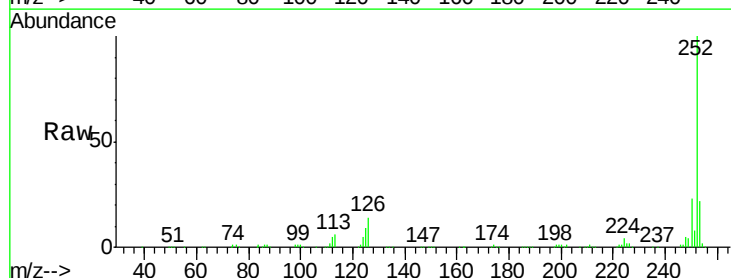
Tgt Ion:252 Resp: 204812

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

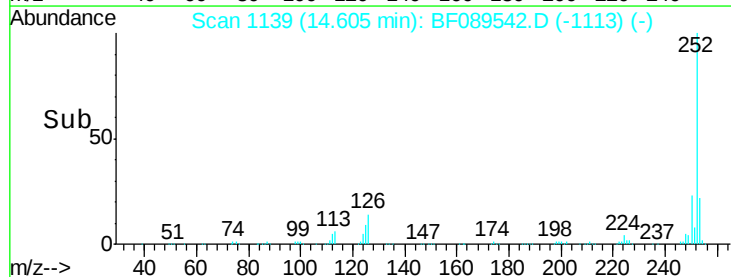
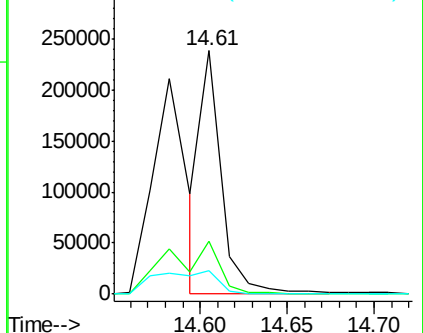
125 9.4 10.7 16.1#

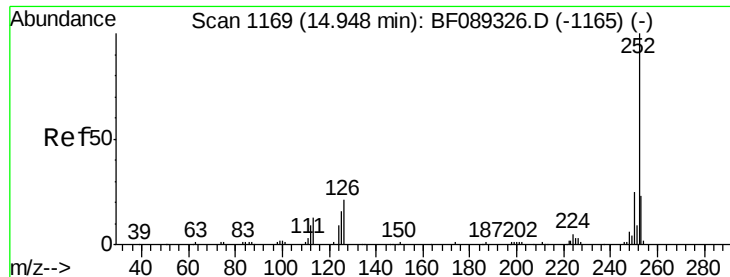


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

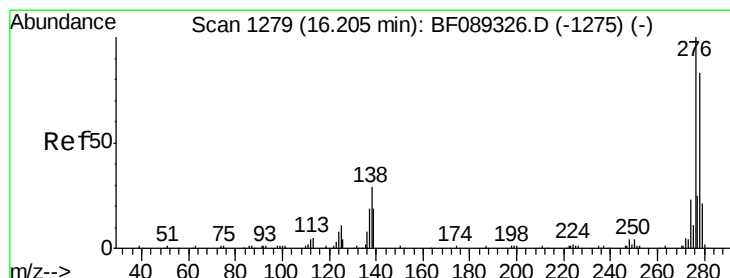
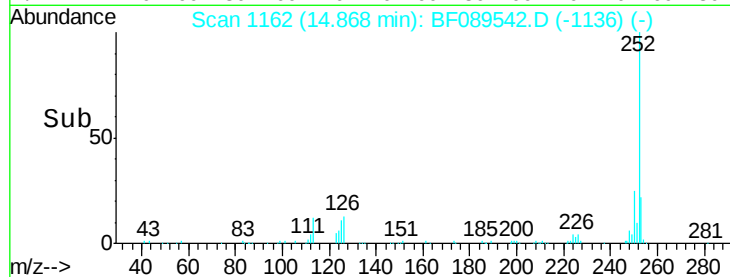
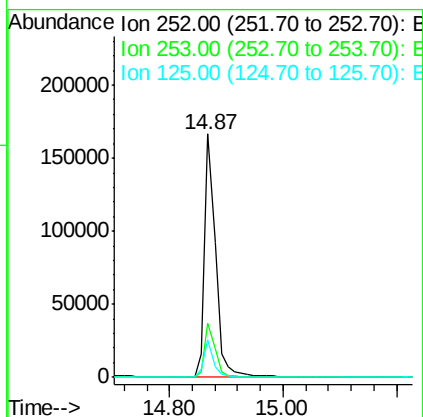
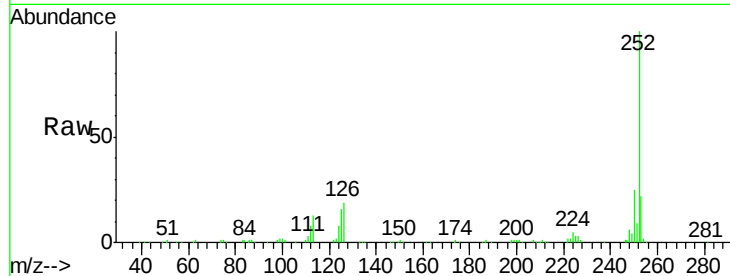




#89
Benzo(a)pyrene
Concen: 43.91 ng
RT: 14.87 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

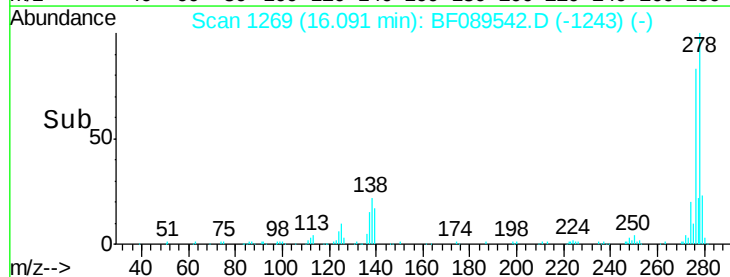
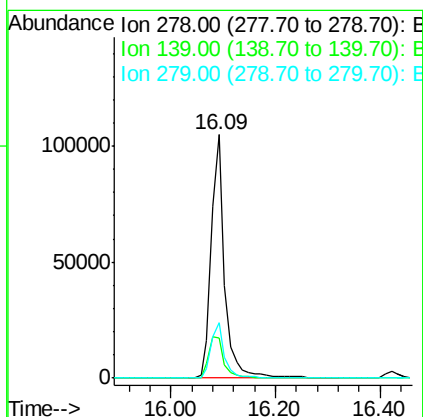
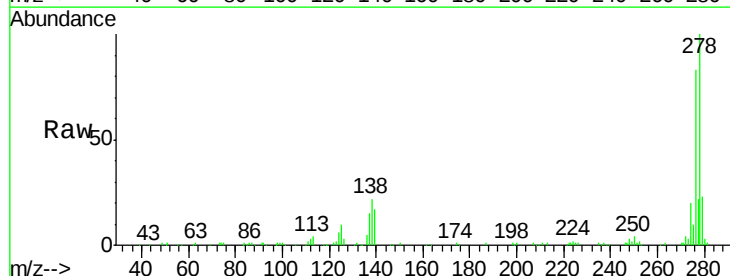
Instrument :
BNA_F
ClientSampleId :
PB92596BS

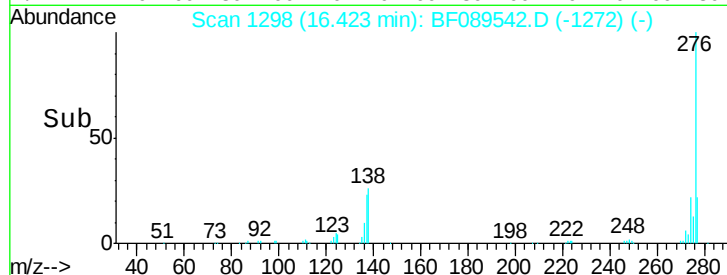
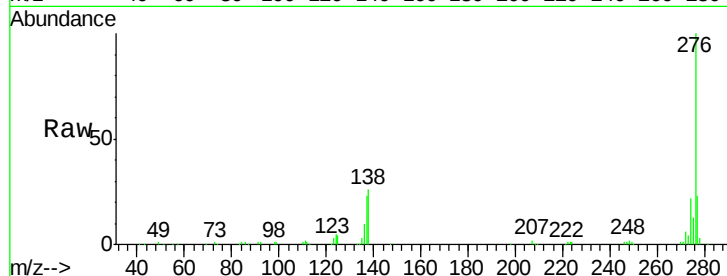
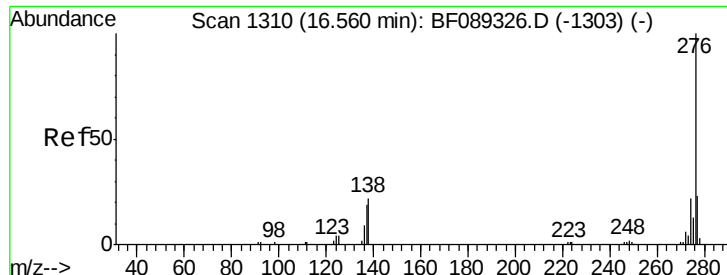
Tot Ion:252 Resp: 212085
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 15.5 12.4 18.6



#90
Dibenzo(a,h)anthracene
Concen: 49.37 ng
RT: 16.09 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF089542.D
Acq: 2 Aug 2016 12:45

Tgt Ion:278 Resp: 187861
Ion Ratio Lower Upper
278 100
139 16.6 16.3 24.5
279 22.9 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 50.60 ng

RT: 16.42 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF089542.D

Acq: 2 Aug 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB92596BS

Tot Ion:276 Resp: 189268

Ion Ratio Lower Upper

276 100

277 22.6 18.6 28.0

138 25.7 21.4 32.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

