

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089368.D
 Acq On : 28 Jul 2016 17:52
 Operator : UM/SJ
 Sample : PB92474BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92474BS

Quant Time: Jul 29 01:15:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	45067	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	186244	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	87003	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	165488	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	99478	20.00	ng	-0.02
86) Perylene-d12	14.98	264	82843	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.11	112	338657	119.99	ng	0.00
7) Phenol-d6	6.19	99	452389	121.28	ng	-0.01
23) Nitrobenzene-d5	7.11	82	288584	91.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.35	330	93780	130.15	ng	-0.01
44) 2-Fluorobiphenyl	8.89	172	522932	88.21	ng	-0.02
78) Terphenyl-d14	12.62	244	452887	106.55	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.02	88	44309	34.13	ng	# 90
3) Pyridine	2.62	79	98879	35.81	ng	99
4) n-Nitrosodimethylamine	2.59	42	47030	42.43	ng	99
6) Aniline	6.19	93	116332	28.88	ng	# 50
8) 2-Chlorophenol	6.31	128	136195	42.66	ng	88
9) Benzaldehyde	6.07	77	57081	31.34	ng	96
10) Phenol	6.20	94	180394	43.83	ng	92
11) bis(2-Chloroethyl)ether	6.27	93	148609	42.49	ng	94
12) 1,3-Dichlorobenzene	6.70	146	124714	37.34	ng	95
13) 1,4-Dichlorobenzene	6.55	146	145657	39.52	ng	95
14) 1,2-Dichlorobenzene	6.70	146	141703	41.04	ng	96
15) Benzyl Alcohol	6.68	79	107420	46.41	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.82	45	148901	39.03	ng	89
17) 2-Methylphenol	6.81	107	106524	43.17	ng	97
18) Hexachloroethane	7.03	117	55186	39.06	ng	95
19) n-Nitroso-di-n-propylamine	6.96	70	101898	45.30	ng	# 91
20) 3+4-Methylphenols	6.97	107	137359	43.35	ng	90
22) Acetophenone	6.95	105	179390	40.46	ng	96
24) Nitrobenzene	7.12	77	144952	40.36	ng	90
25) Isophorone	7.36	82	276054	43.43	ng	98
26) 2-Nitrophenol	7.44	139	70665	44.01	ng	94
27) 2,4-Dimethylphenol	7.50	122	118734	46.42	ng	98
28) bis(2-Chloroethoxy)methane	7.59	93	166434	47.30	ng	98
29) 2,4-Dichlorophenol	7.69	162	109705	47.07	ng	95
30) 1,2,4-Trichlorobenzene	7.76	180	119052	44.77	ng	96
31) Naphthalene	7.84	128	405098	43.92	ng	99
32) Benzoic acid	7.66	122	54035	30.32	ng	96
33) 4-Chloroaniline	7.91	127	43367	12.35	ng	96
34) Hexachlorobutadiene	7.95	225	61660	40.49	ng	99
35) Caprolactam	8.27	113	18578	26.41	ng	96
36) 4-Chloro-3-methylphenol	8.40	107	128305	46.32	ng	96
37) 2-Methylnaphthalene	8.52	142	260971	46.96	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	105257	34.57	ng	99
40) Hexachlorocyclopentadiene	8.68	237	76790	87.53	ng	98

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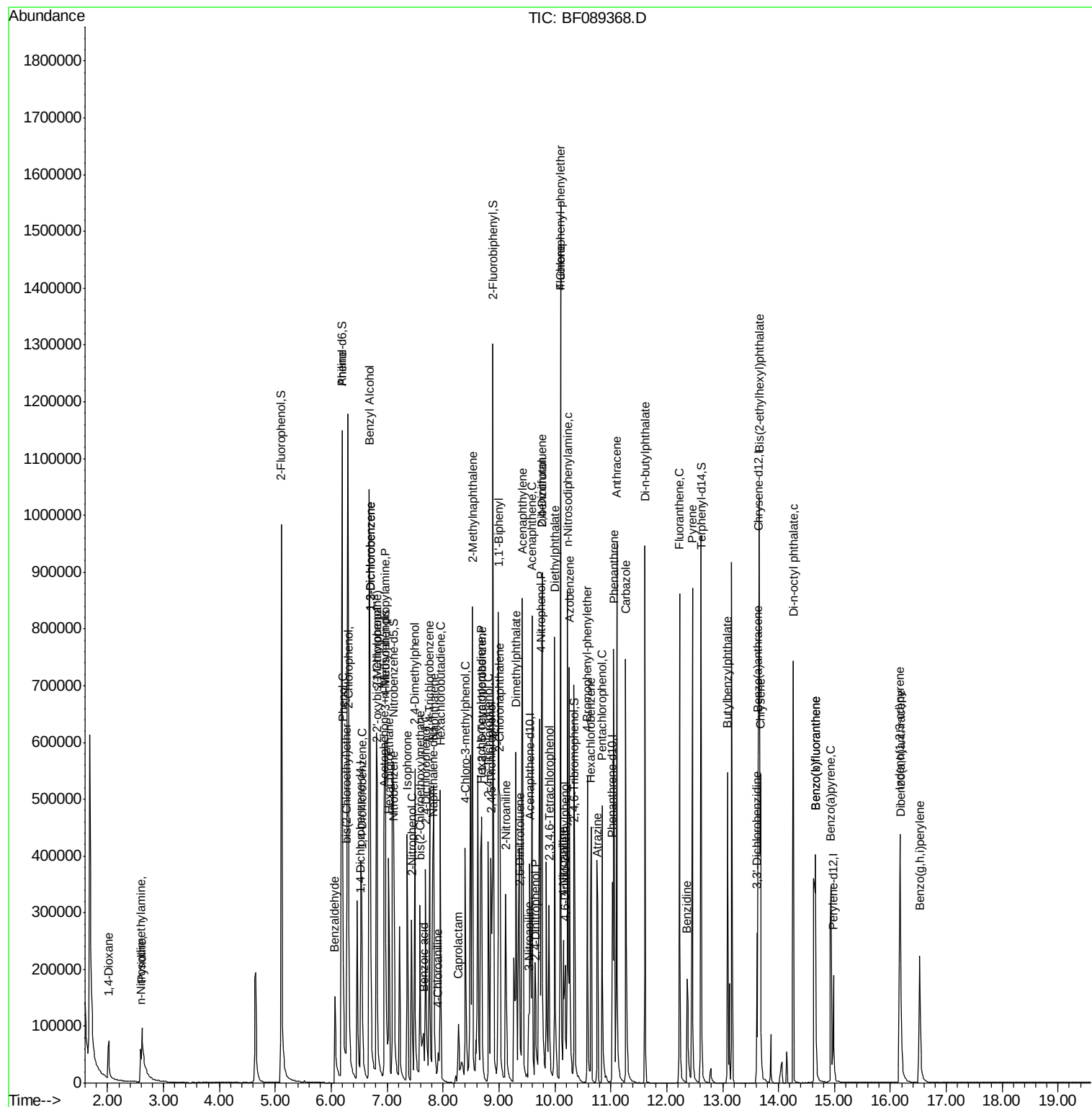
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	69101	47.74	ng	99
43) 2,4,5-Trichlorophenol	8.86	196	86880	47.38	ng #	89
45) 1,1'-Biphenyl	8.99	154	295666	39.91	ng	96
46) 2-Chloronaphthalene	9.02	162	243542	43.78	ng	94
47) 2-Nitroaniline	9.12	65	80725	49.00	ng #	78
48) Acenaphthylene	9.42	152	378804	43.23	ng	100
49) Dimethylphthalate	9.30	163	281324	42.49	ng	99
50) 2,6-Dinitrotoluene	9.37	165	61217	45.00	ng #	84
51) Acenaphthene	9.59	154	216528	42.31	ng	99
52) 3-Nitroaniline	9.53	138	33869	23.59	ng #	68
53) 2,4-Dinitrophenol	9.66	184	39544	68.24	ng	86
54) Dibenzofuran	9.77	168	337471	48.40	ng	97
55) 4-Nitrophenol	9.76	139	226522	305.09	ng #	12
56) 2,4-Dinitrotoluene	9.77	165	87267	48.72	ng	87
57) Fluorene	10.10	166	267578	43.96	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.90	232	61916	50.58	ng #	96
59) Diethylphthalate	10.00	149	300272	44.73	ng	99
60) 4-Chlorophenyl-phenylether	10.10	204	126311	45.24	ng #	85
61) 4-Nitroaniline	10.15	138	61908	41.83	ng	98
62) Azobenzene	10.26	77	341808	49.44	ng	93
64) 4,6-Dinitro-2-methylphenol	10.18	198	35796	36.94	ng	94
65) n-Nitrosodiphenylamine	10.23	169	246845	47.80	ng	99
66) 4-Bromophenyl-phenylether	10.58	248	71078	44.99	ng #	68
67) Hexachlorobenzene	10.65	284	73742	45.54	ng #	76
68) Atrazine	10.77	200	75201	47.41	ng	98
69) Pentachlorophenol	10.85	266	62727	79.96	ng	99
70) Phenanthrene	11.05	178	371958	43.58	ng	100
71) Anthracene	11.11	178	426623	44.96	ng	100
72) Carbazole	11.27	167	369162	46.21	ng	98
73) Di-n-butylphthalate	11.61	149	484548	45.21	ng	99
74) Fluoranthene	12.23	202	377655	42.06	ng	96
76) Benzidine	12.37	184	138073	37.56	ng	97
77) Pyrene	12.46	202	385895	51.18	ng	99
79) Butylbenzylphthalate	13.09	149	176217	51.41	ng #	80
80) Benzo(a)anthracene	13.63	228	263080	46.86	ng	100
81) 3,3'-Dichlorobenzidine	13.61	252	59557	29.48	ng #	98
82) Chrysene	13.68	228	270095	45.20	ng	99
83) Bis(2-ethylhexyl)phthalate	13.66	149	257621	51.99	ng #	97
84) Di-n-octyl phthalate	14.26	149	374094	48.38	ng	99
85) Indeno(1,2,3-cd)pyrene	16.17	276	227084	53.45	ng	99
87) Benzo(b)fluoranthene	14.66	252	436753	84.89	ng #	96
88) Benzo(k)fluoranthene	14.66	252	436753	92.34	ng #	95
89) Benzo(a)pyrene	14.94	252	206646	44.78	ng #	94
90) Dibenzo(a,h)anthracene	16.18	278	192267	52.88	ng	95
91) Benzo(g,h,i)perylene	16.53	276	192639	53.90	ng	96

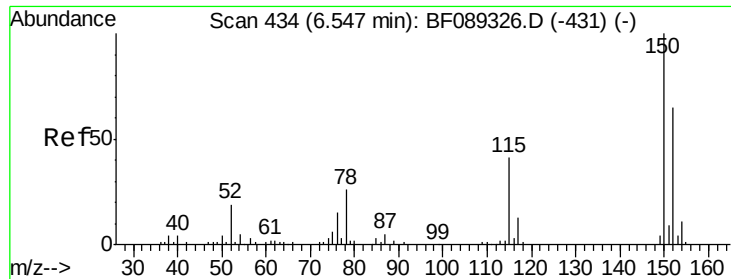
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Instrument :

BNA_F

ClientSampled :

PB92474BS

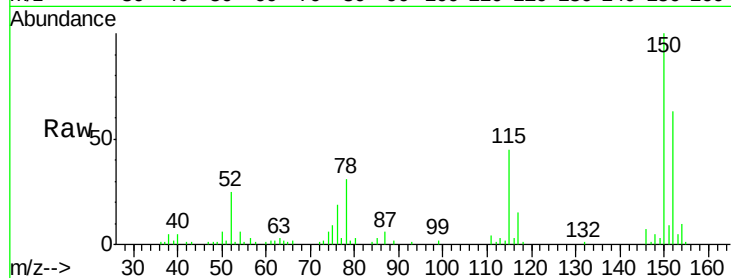
Tgt Ion:152 Resp: 45067

Ion Ratio Lower Upper

152 100

150 157.6 129.5 194.3

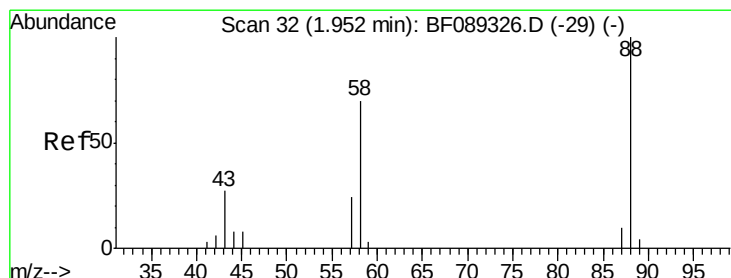
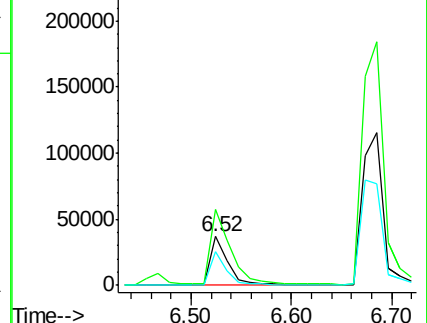
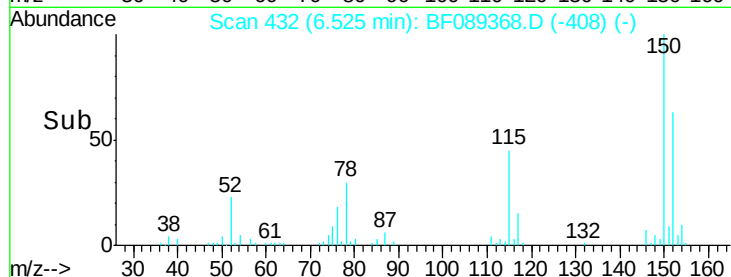
115 70.4 51.4 77.2



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: 34.13 ng

RT: 2.02 min Scan# 38

Delta R.T. 0.07 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

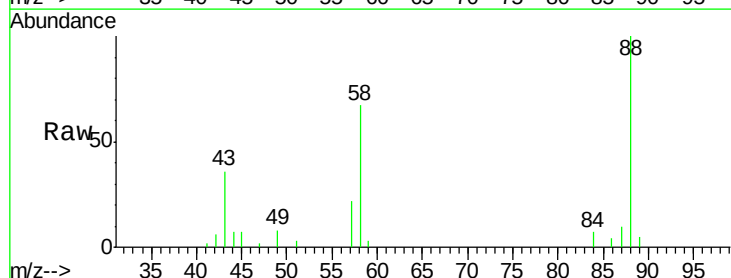
Tgt Ion: 88 Resp: 44309

Ion Ratio Lower Upper

88 100

58 69.3 53.2 79.8

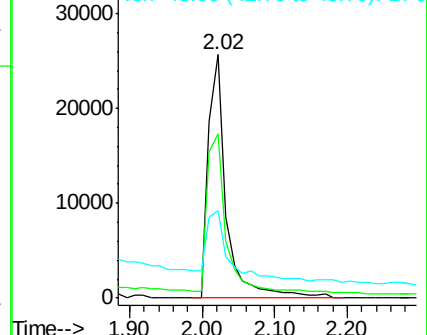
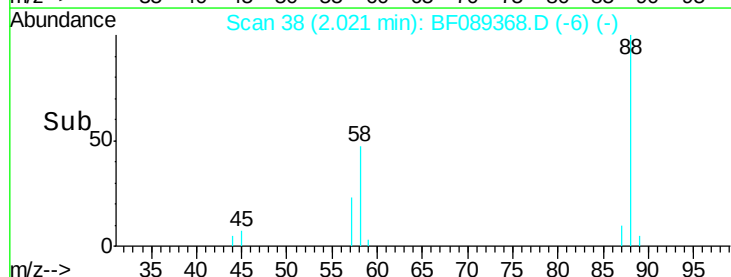
43 40.2 20.6 31.0#

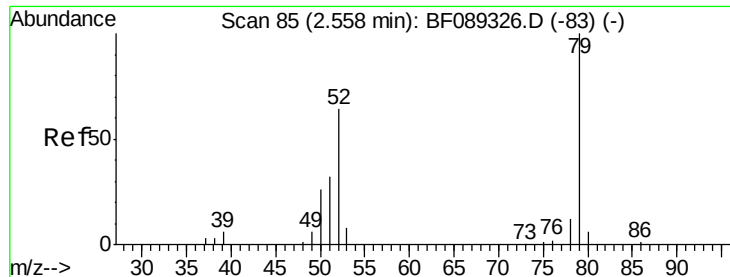


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.81 ng

RT: 2.62 min Scan# 90

Delta R.T. 0.05 min

Lab File: BF089368.D

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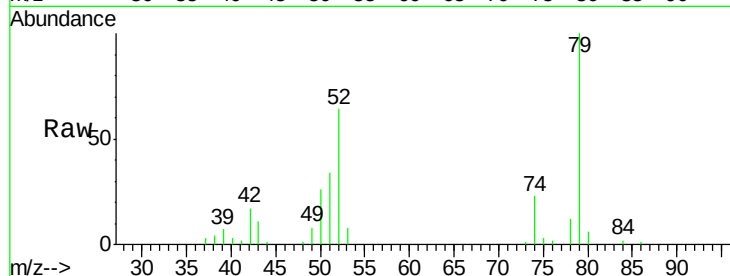
Tgt Ion: 79 Resp: 98879

Ion Ratio Lower Upper

79 100

52 64.4 51.9 77.9

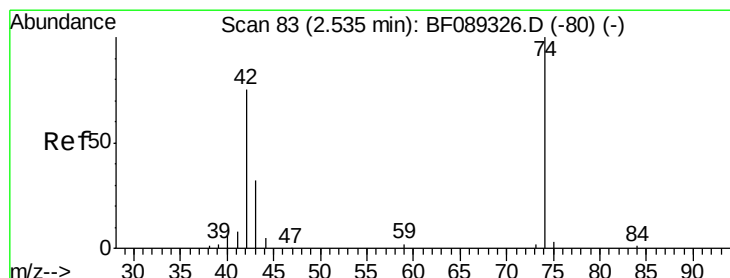
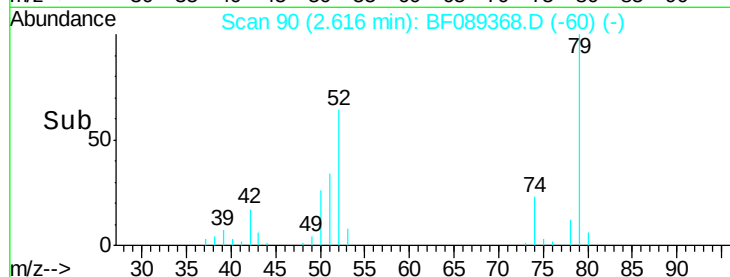
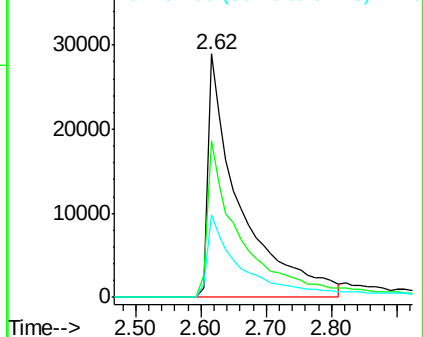
51 33.8 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.43 ng

RT: 2.59 min Scan# 88

Delta R.T. 0.06 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

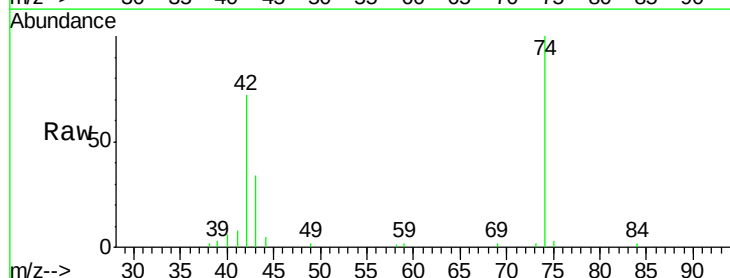
Tgt Ion: 42 Resp: 47030

Ion Ratio Lower Upper

42 100

74 139.5 110.8 166.2

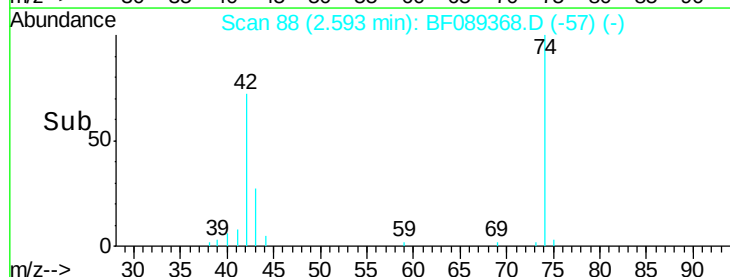
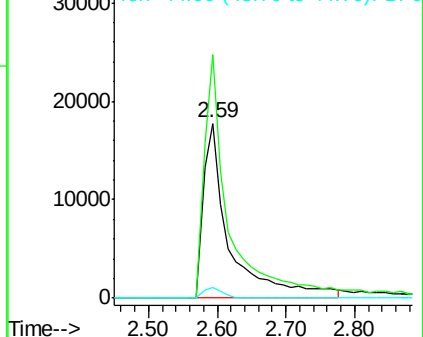
44 6.3 5.2 7.8

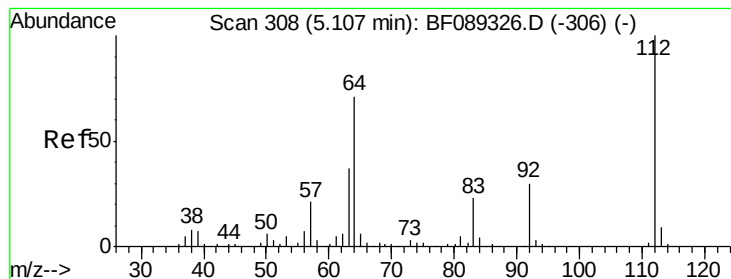


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 119.99 ng

RT: 5.11 min Scan# 308

Delta R.T. 0.00 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

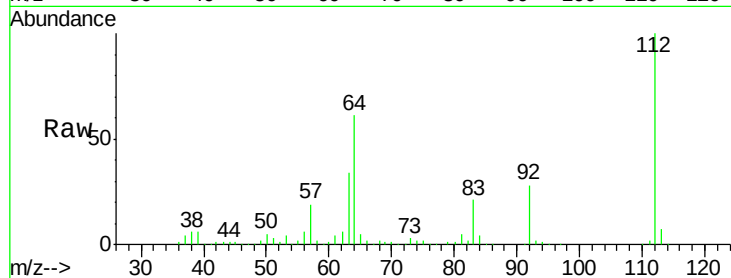
Instrument :

BNA_F

ClientSampleId :

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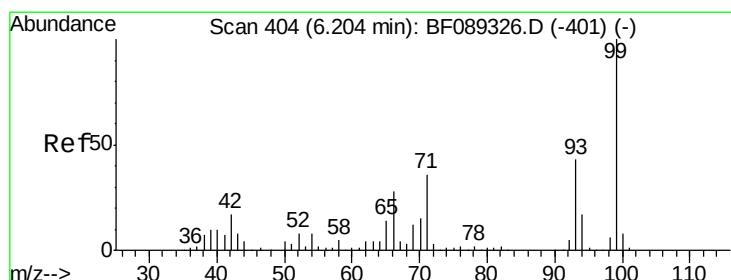
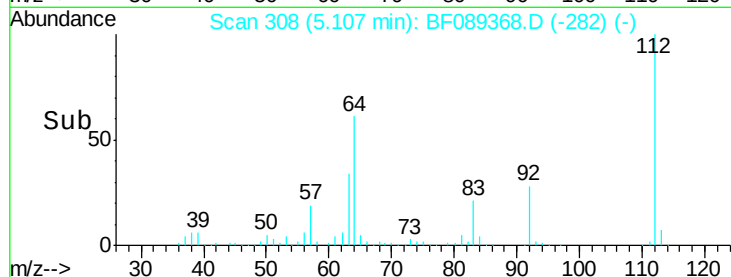
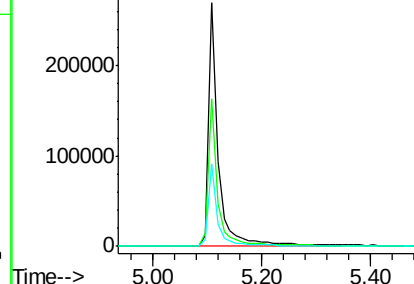
Tgt Ion:	112	Resp:	338657
Ion Ratio	Lower	Upper	
112	100		
64	60.6	55.0	82.6
63	33.6	29.4	44.2



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: 28.88 ng

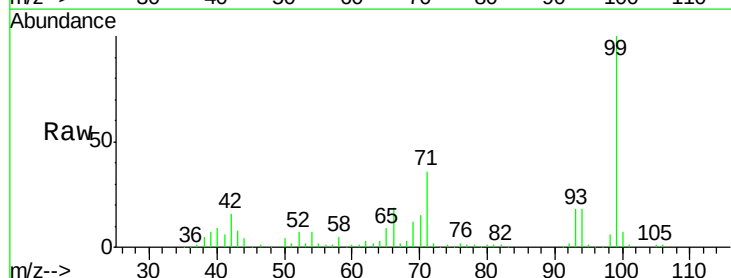
RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

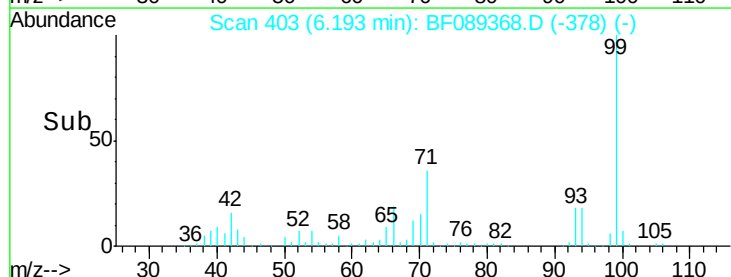
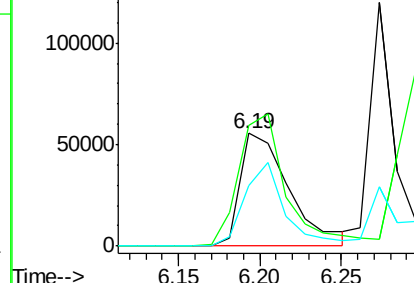
Tgt Ion:	93	Resp:	116332
Ion Ratio	Lower	Upper	
93	100		
66	107.4	51.6	77.4#
65	53.6	24.7	37.1#

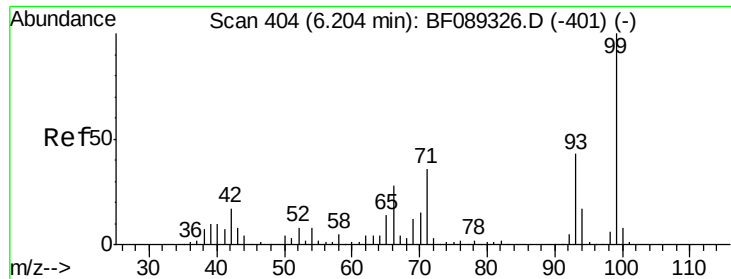


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.28 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF089368.D

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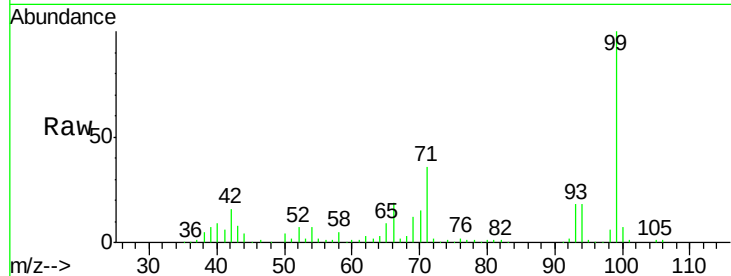
Tgt Ion: 99 Resp: 452389

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

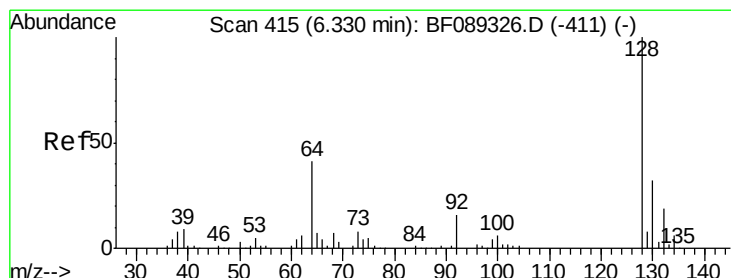
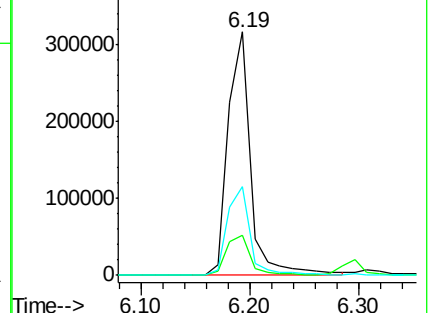
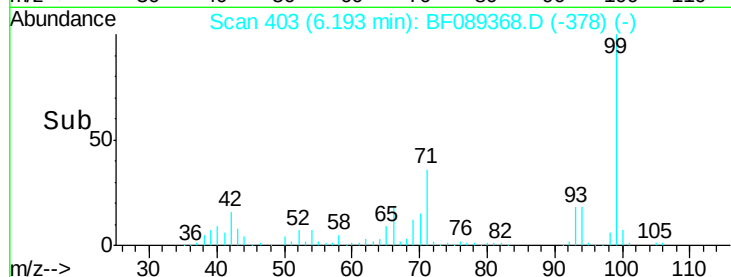
71 36.3 29.4 44.2



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: 42.66 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

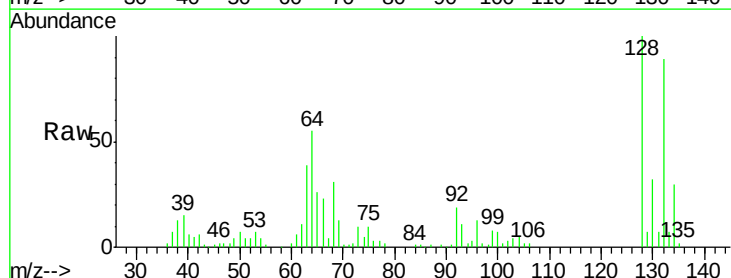
Tgt Ion: 128 Resp: 136195

Ion Ratio Lower Upper

128 100

130 31.9 12.6 52.6

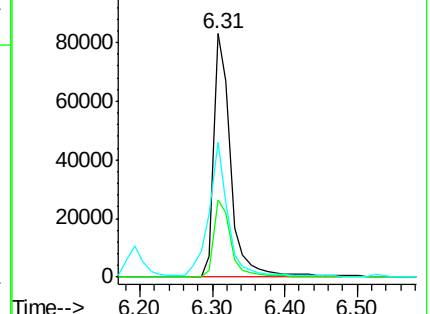
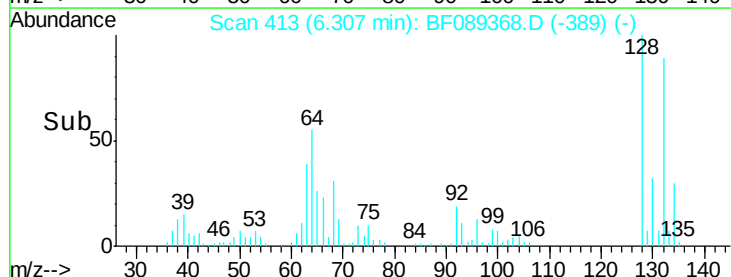
64 55.2 22.1 62.1

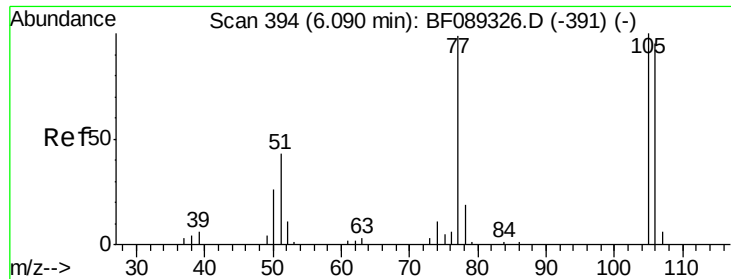


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

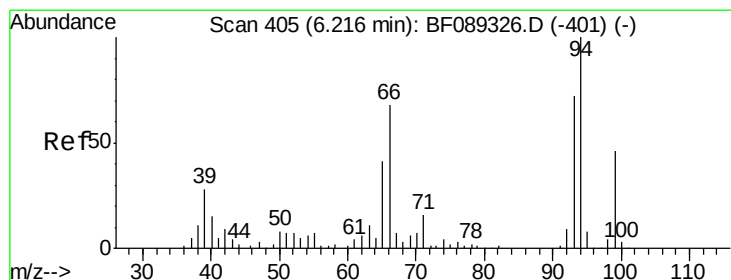
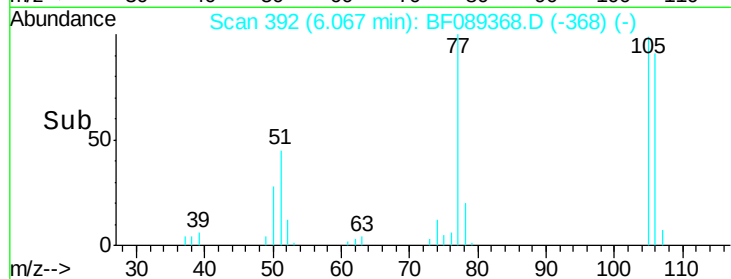
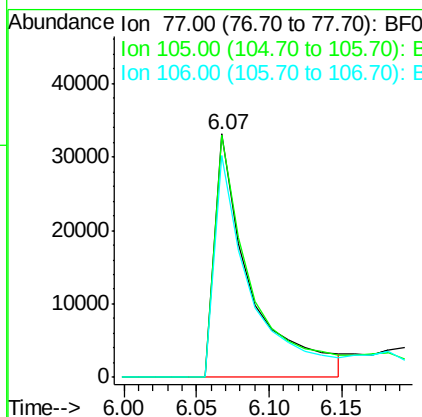
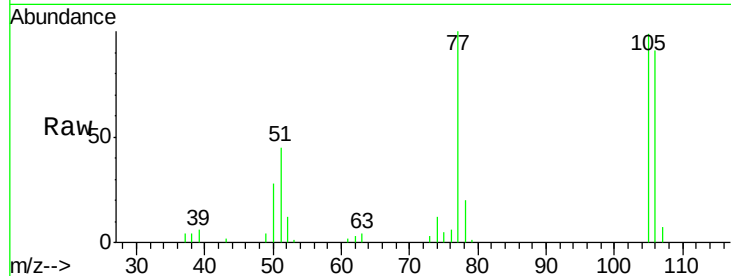




#9
Benzaldehyde
Concen: 31.34 ng
RT: 6.07 min Scan# 392
Delta R.T. -0.02 min
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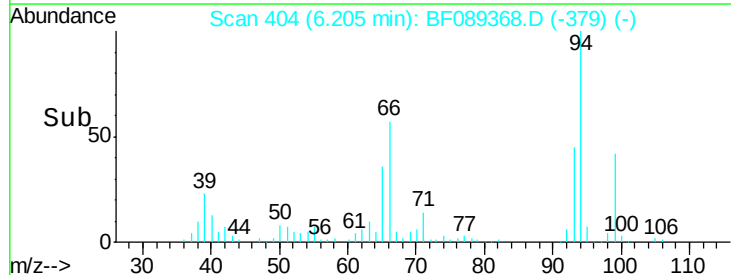
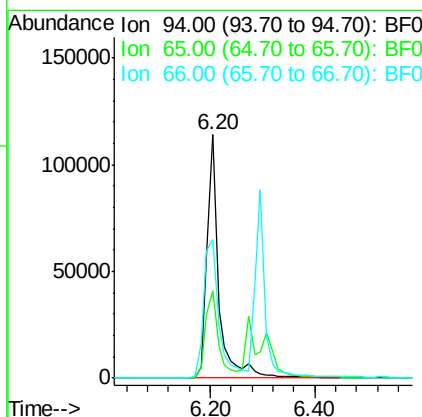
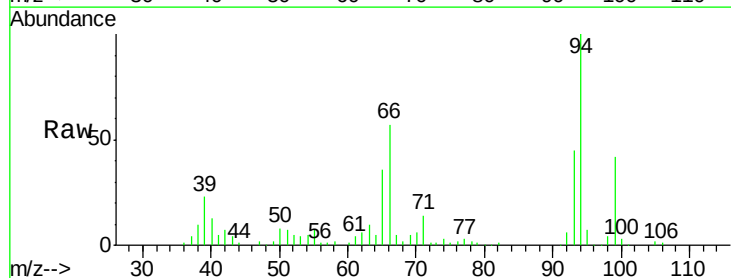
Instrument :
BNA_F
ClientSampleId :
PB92474BS

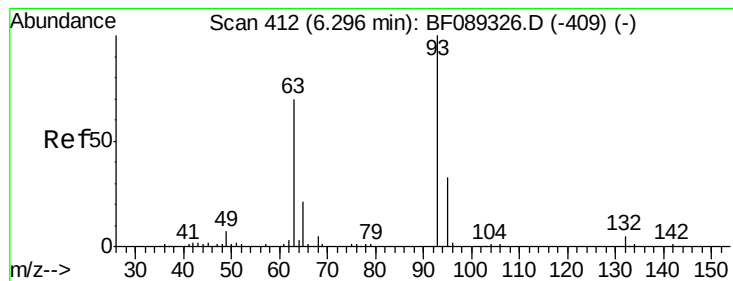
Tgt Ion: 77 Resp: 57081
Ion Ratio Lower Upper
77 100
105 99.4 82.9 122.9
106 91.0 75.9 115.9



#10
Phenol
Concen: 43.83 ng
RT: 6.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

Tgt Ion: 94 Resp: 180394
Ion Ratio Lower Upper
94 100
65 35.9 19.1 59.1
66 56.8 44.4 84.4





#11

bis(2-Chloroethyl)ether

Concen: 42.49 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Instrument :

BNA_F

ClientSampleId :

PB92474BS

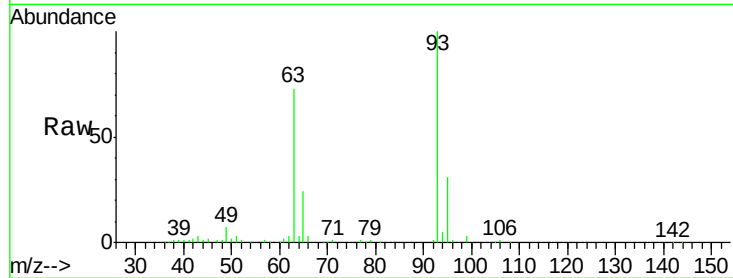
Tgt Ion: 93 Resp: 148609

Ion Ratio Lower Upper

93 100

63 72.5 45.6 85.6

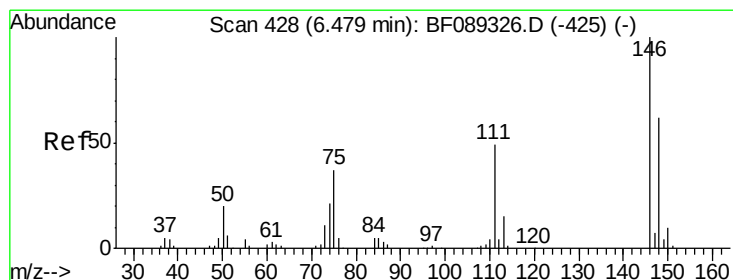
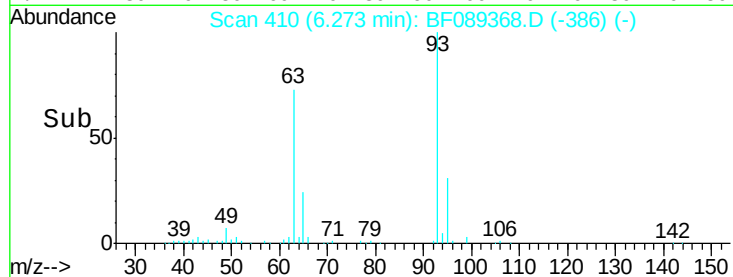
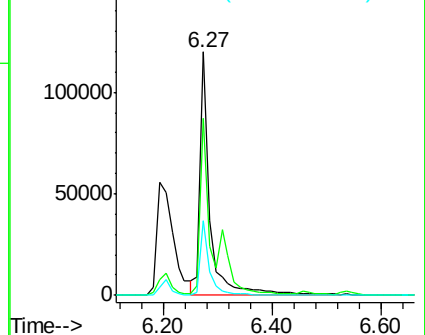
95 30.5 11.1 51.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.34 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.22 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

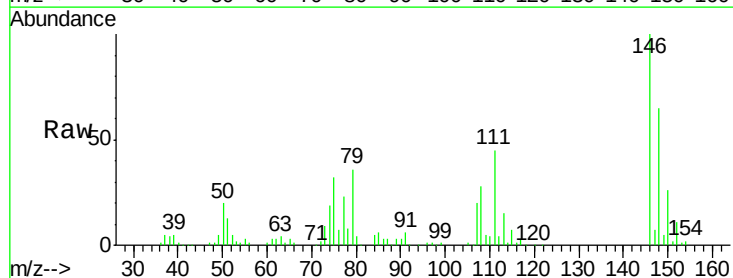
Tgt Ion: 146 Resp: 124714

Ion Ratio Lower Upper

146 100

148 65.4 50.5 75.7

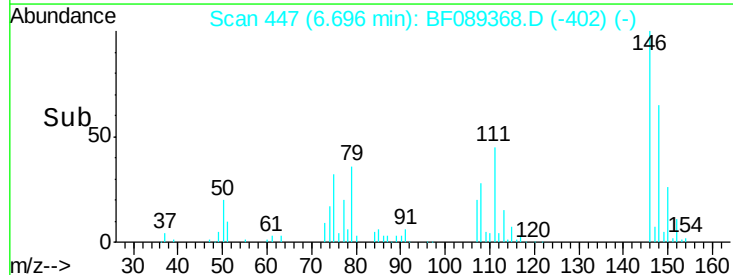
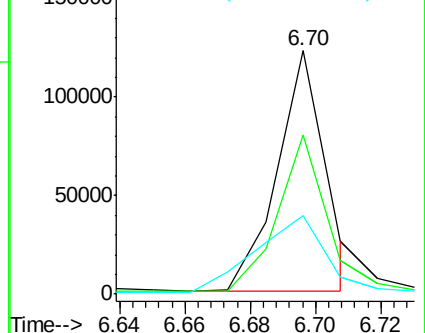
75 32.3 30.0 45.0

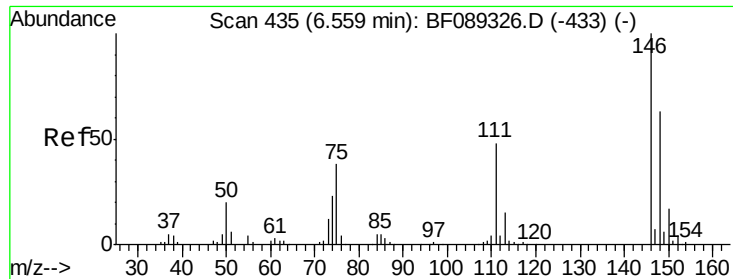


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

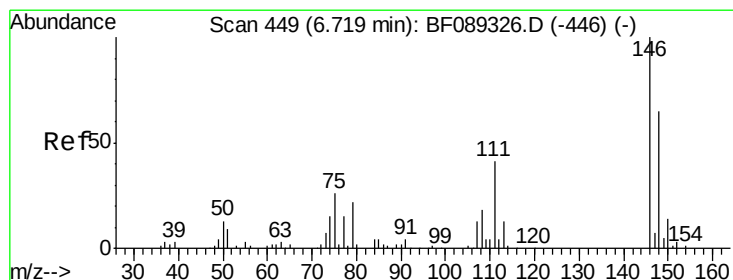
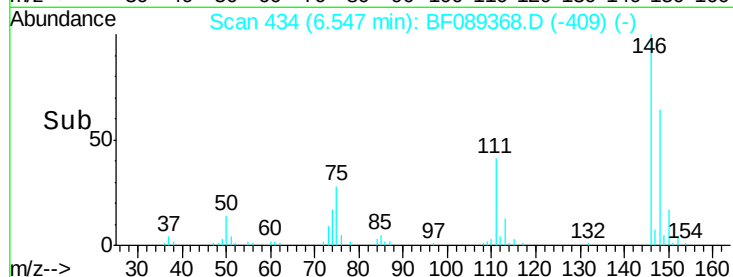
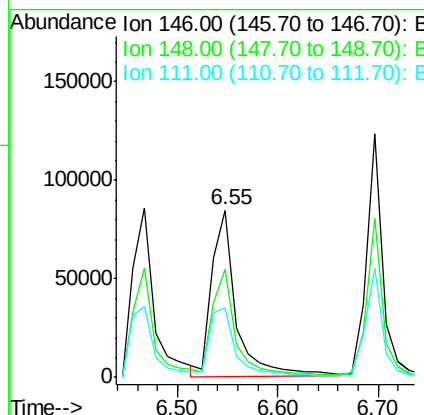
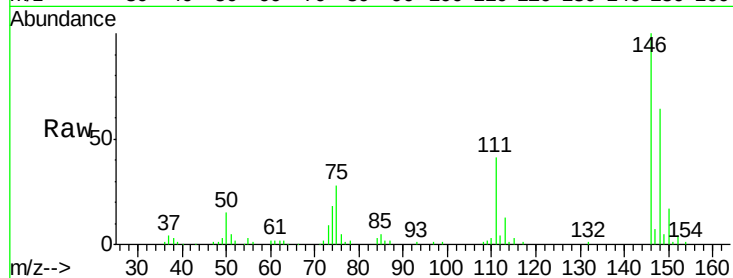




#13
 1,4-Dichlorobenzene
 Concen: 39.52 ng
 RT: 6.55 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

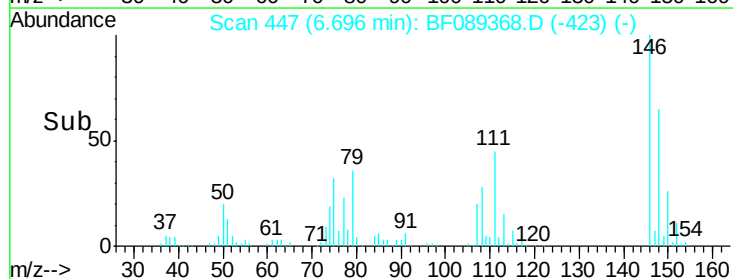
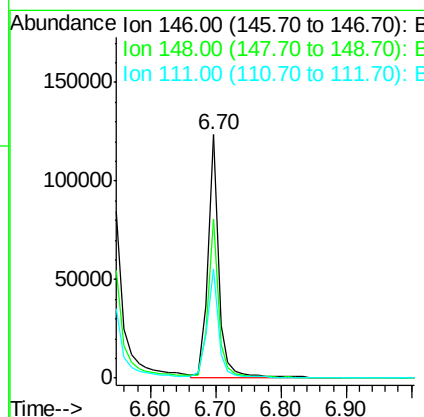
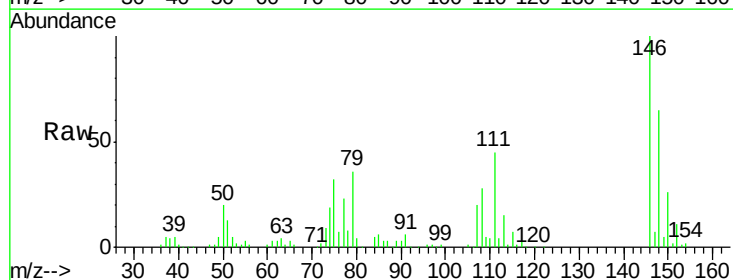
Instrument :
 BNA_F
 ClientSampleId :
 PB92474BS

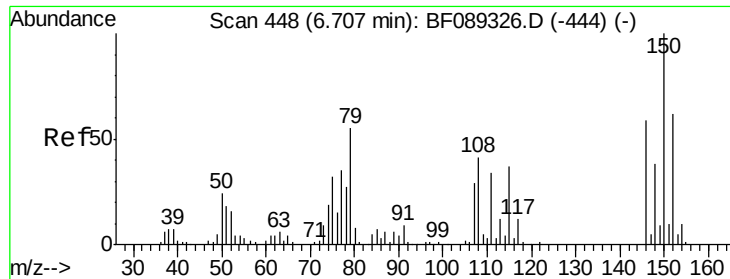
Tgt Ion:146 Resp: 145657
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 41.4 38.6 57.8



#14
 1,2-Dichlorobenzene
 Concen: 41.04 ng
 RT: 6.70 min Scan# 447
 Delta R.T. -0.02 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Tgt Ion:146 Resp: 141703
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.4 75.6
 111 44.7 33.0 49.4





#15

Benzyl Alcohol

Concen: 46.41 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Instrument :

BNA_F

ClientSampleId :

PB92474BS

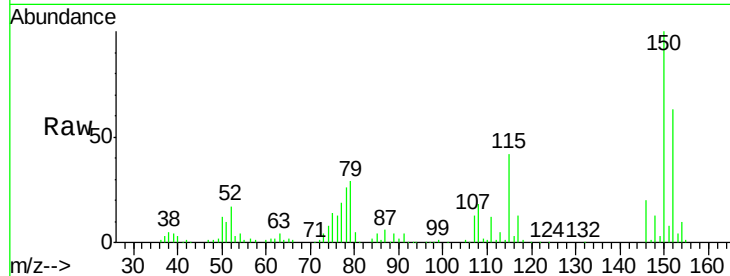
Tgt Ion: 79 Resp: 107420

Ion Ratio Lower Upper

79 100

108 63.8 59.8 89.6

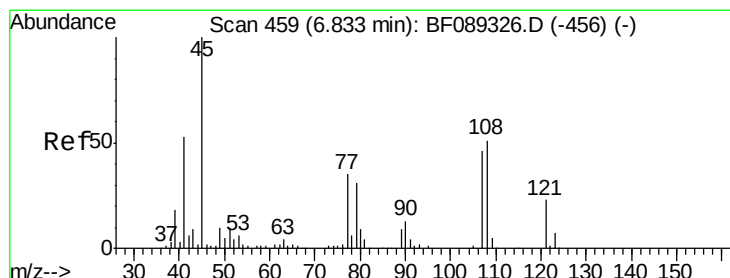
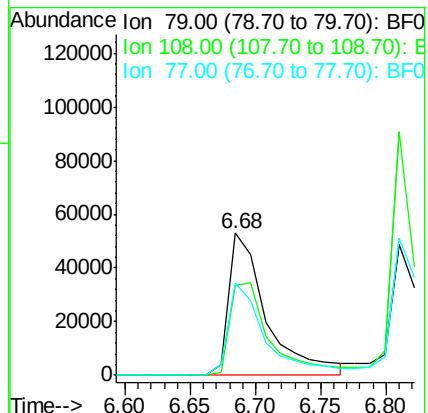
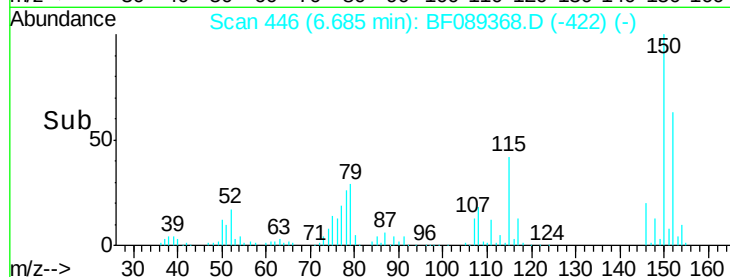
77 65.2 51.7 77.5



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: 39.03 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

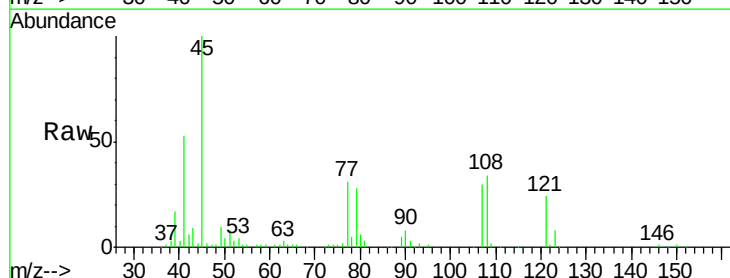
Tgt Ion: 45 Resp: 148901

Ion Ratio Lower Upper

45 100

77 31.0 17.3 57.3

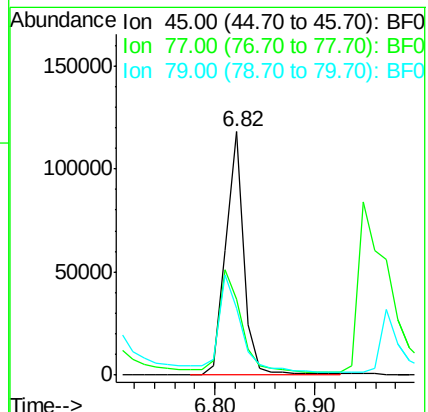
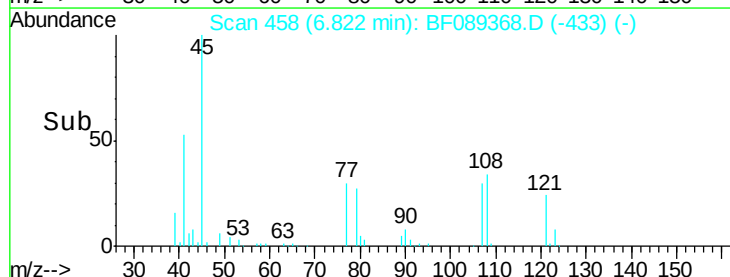
79 27.6 13.9 53.9

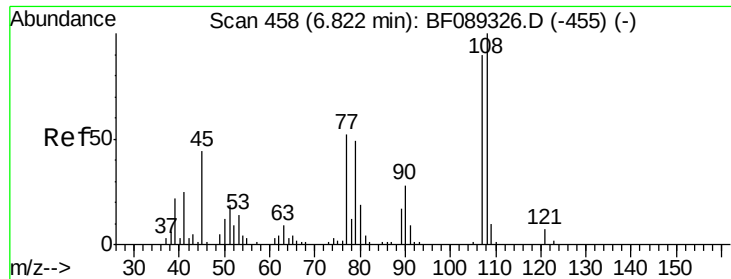


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

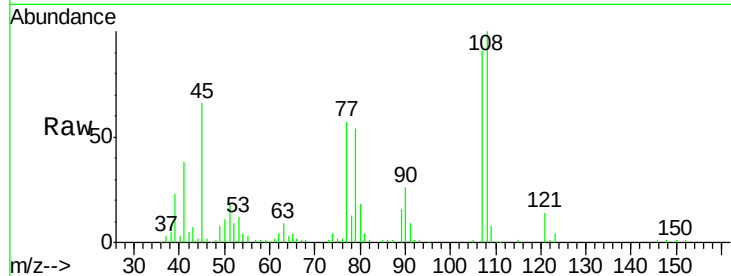




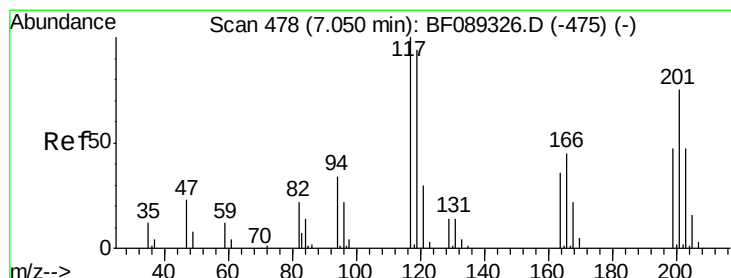
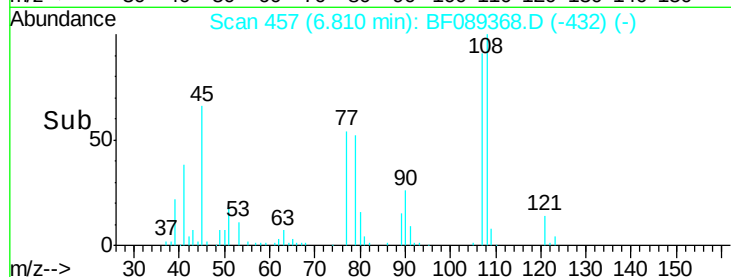
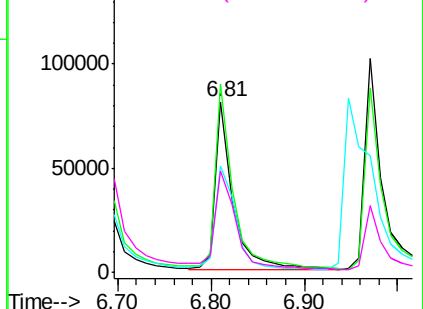
#17
2-Methylphenol
Concen: 43.17 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

Instrument :
BNA_F
ClientSampleId :
PB92474BS

Tgt Ion:107 Resp: 106524
Ion Ratio Lower Upper
107 100
108 110.5 91.4 137.0
77 62.6 48.6 73.0
79 59.3 48.2 72.4

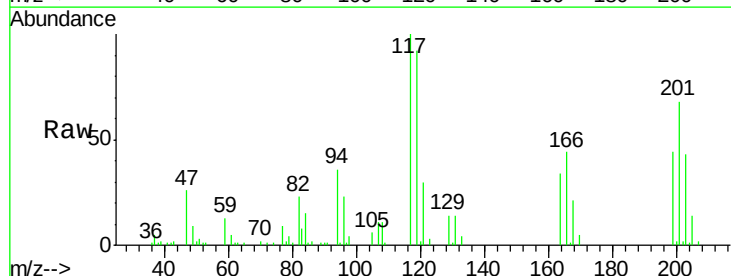


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

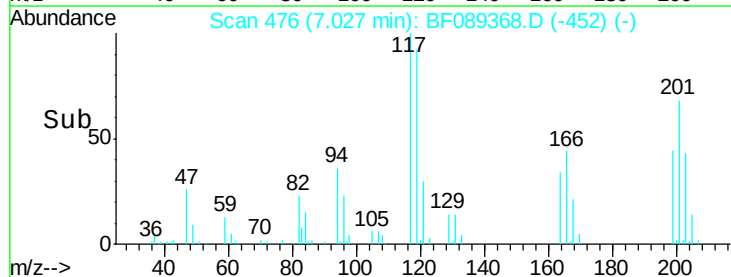
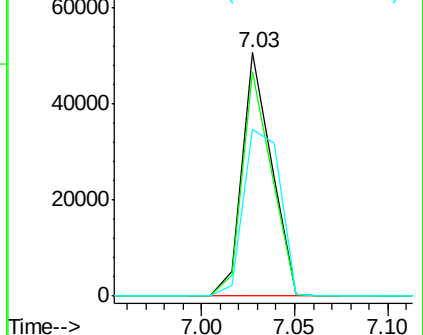


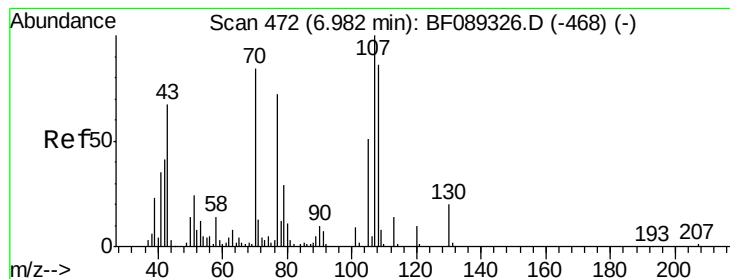
#18
Hexachloroethane
Concen: 39.06 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

Tgt Ion:117 Resp: 55186
Ion Ratio Lower Upper
117 100
119 92.3 76.0 114.0
201 68.5 60.0 90.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 45.30 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Instrument :

BNA_F

ClientSampleId :

PB92474BS

Tgt Ion: 70 Resp: 101898

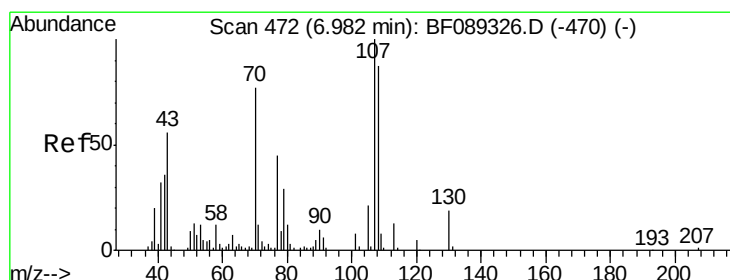
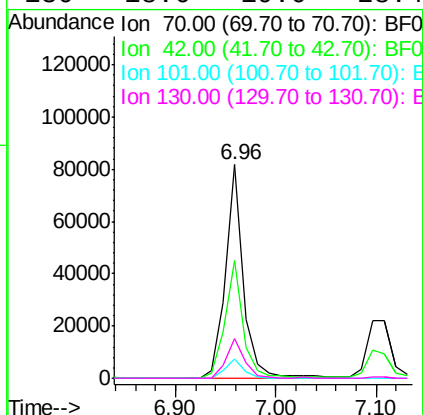
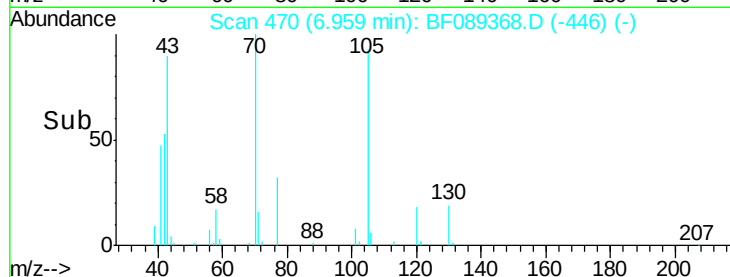
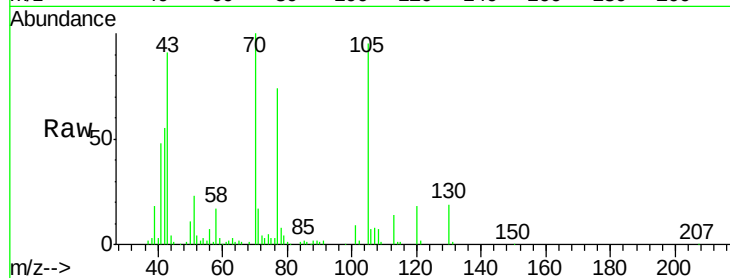
Ion Ratio Lower Upper

70 100

42 55.1 38.6 57.8

101 9.1 8.3 12.5

130 18.6 19.0 28.4#



#20

3+4-Methylphenols

Concen: 43.35 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Tgt Ion: 107 Resp: 137359

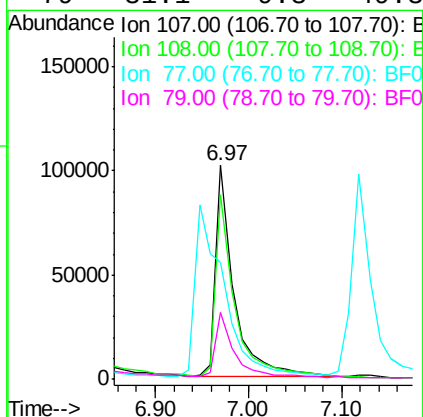
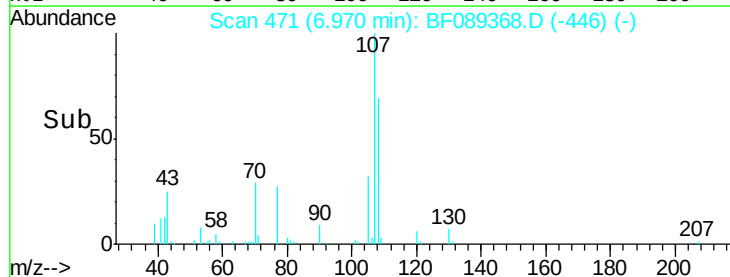
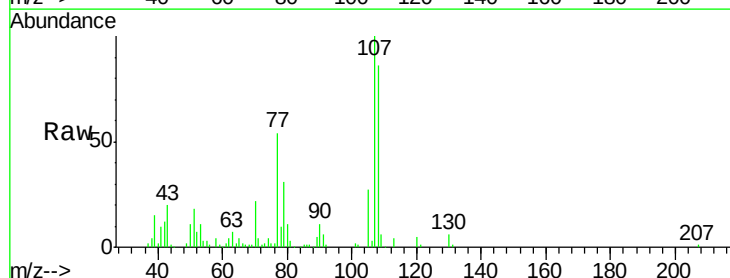
Ion Ratio Lower Upper

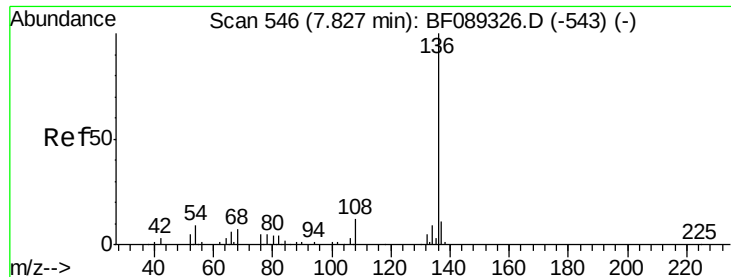
107 100

108 86.2 63.3 103.3

77 54.5 51.1 91.1

79 31.1 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

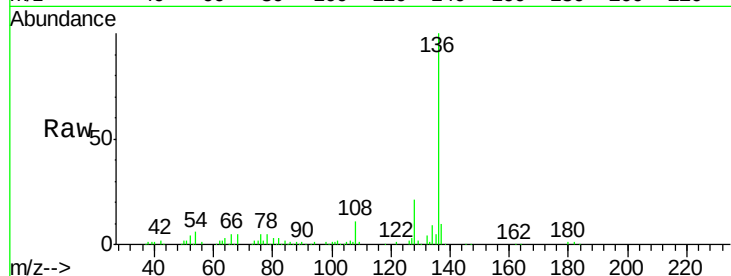
Instrument :

BNA_F

ClientSampleId :

PB92474BS

Tgt Ion:	136	Resp:	186244
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	6.4	7.0	10.4#
68	5.0	4.9	7.3



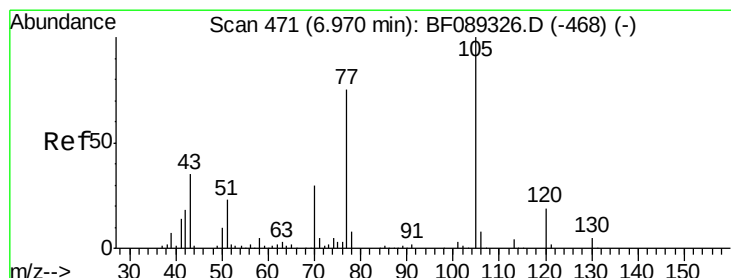
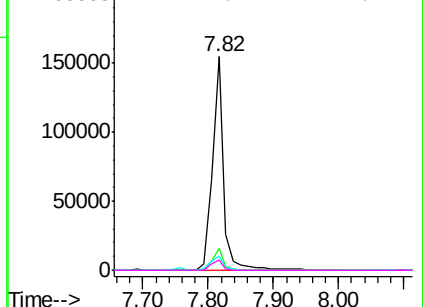
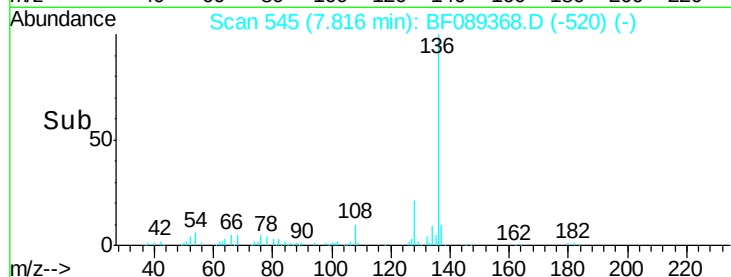
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.46 ng

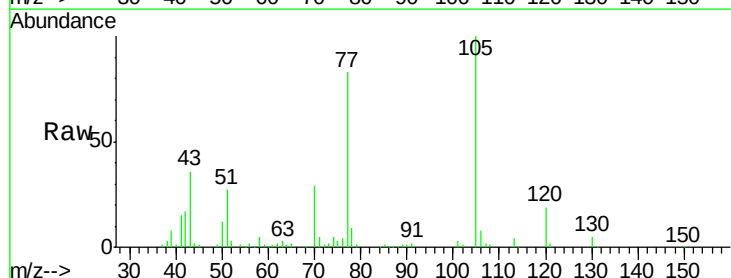
RT: 6.95 min Scan# 469

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Tgt Ion:	105	Resp:	179390
Ion	Ratio	Lower	Upper
105	100		
71	5.0	4.2	6.2
51	26.8	18.7	28.1
120	18.8	15.8	23.6



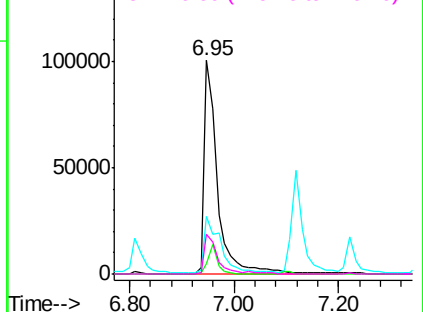
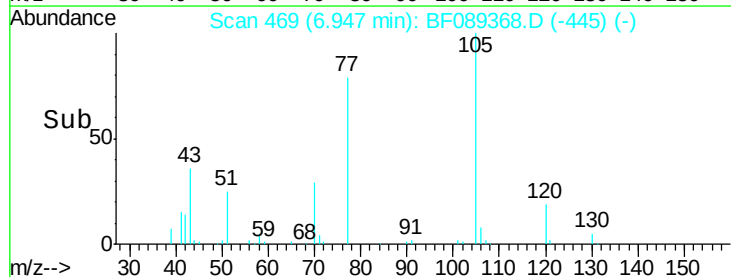
Abundance

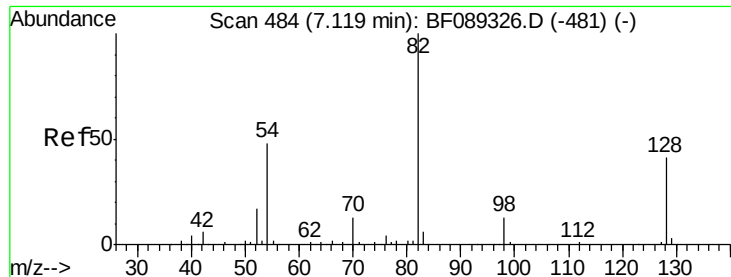
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

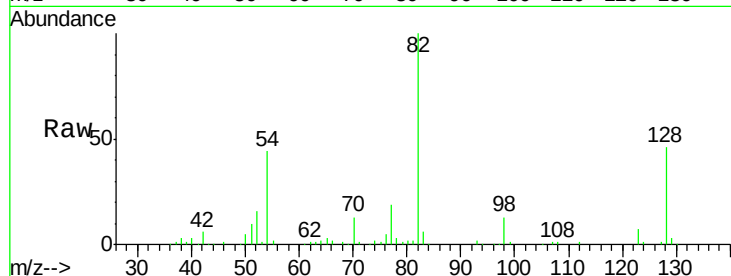




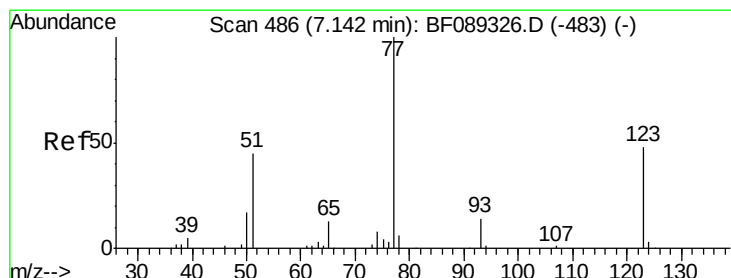
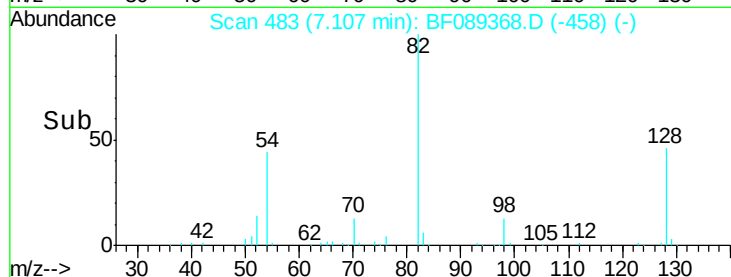
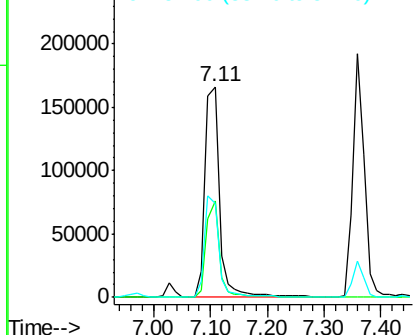
#23
 Nitrobenzene-d5
 Concen: 91.46 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB92474BS

Tgt Ion: 82 Resp: 288584
 Ion Ratio Lower Upper
 82 100
 128 45.9 32.5 48.7
 54 44.4 38.8 58.2

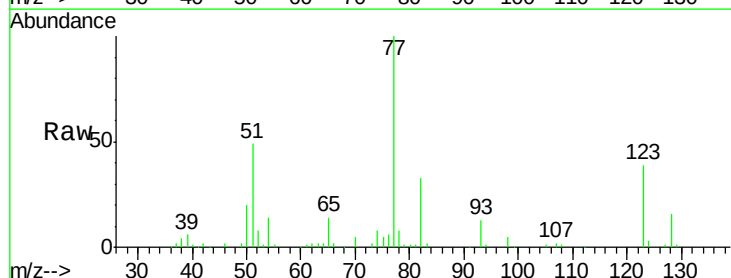


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

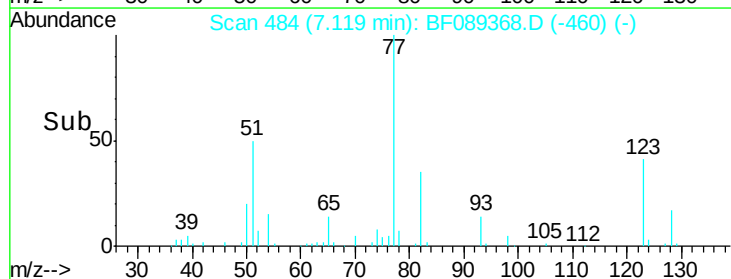
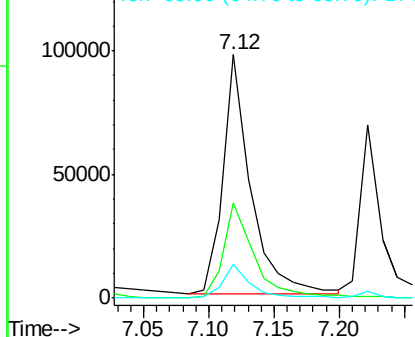


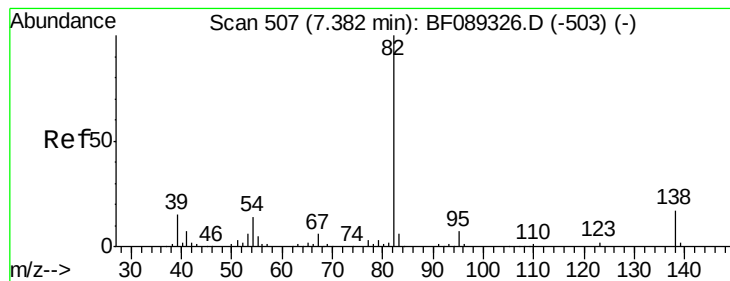
#24
 Nitrobenzene
 Concen: 40.36 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Tgt Ion: 77 Resp: 144952
 Ion Ratio Lower Upper
 77 100
 123 38.8 37.2 55.8
 65 13.7 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.43 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Instrument :

BNA_F

ClientSampleId :

PB92474BS

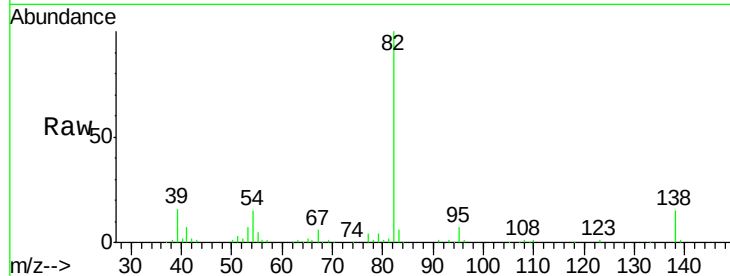
Tgt Ion: 82 Resp: 276054

Ion Ratio Lower Upper

82 100

95 7.4 6.0 9.0

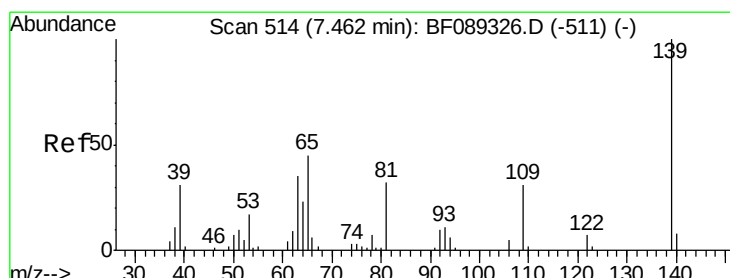
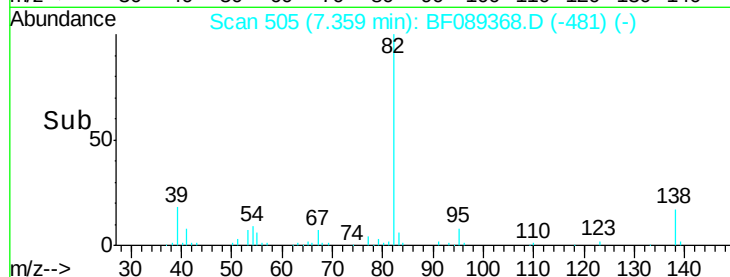
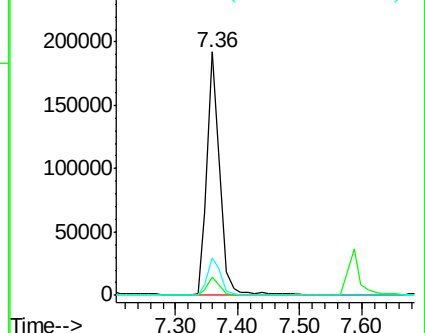
138 15.4 13.3 19.9



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: 44.01 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

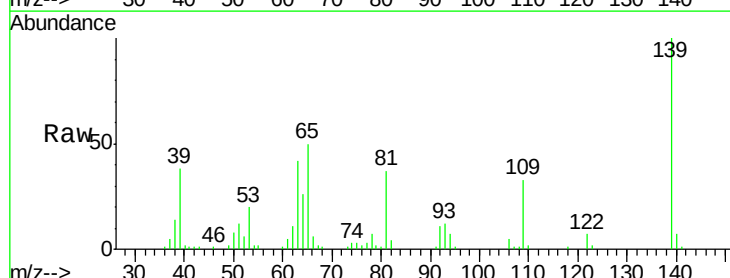
Tgt Ion: 139 Resp: 70665

Ion Ratio Lower Upper

139 100

109 33.2 25.8 38.8

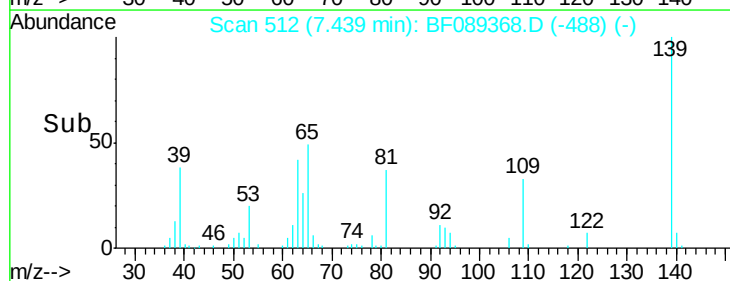
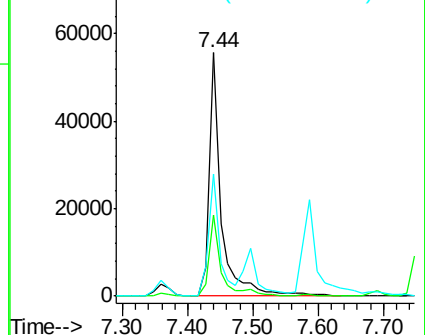
65 50.3 35.2 52.8

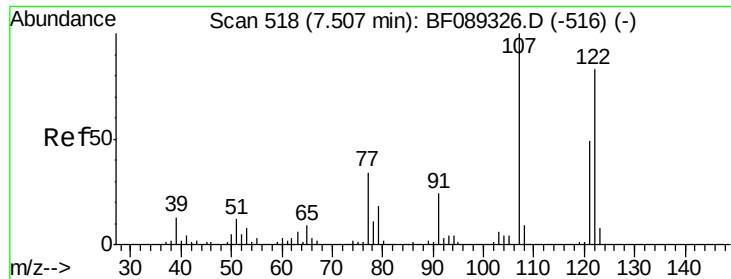


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 46.42 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Instrument :

BNA_F

ClientSampleId :

PB92474BS

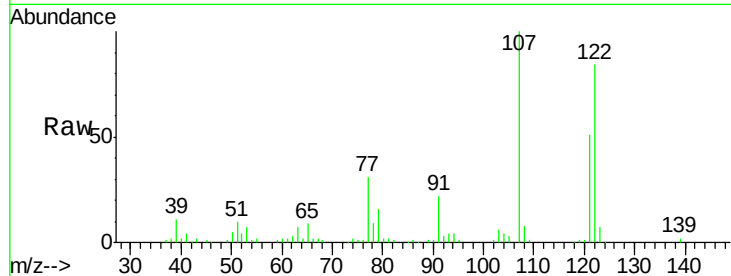
Tgt Ion:122 Resp: 118734

Ion Ratio Lower Upper

122 100

107 118.8 97.2 145.8

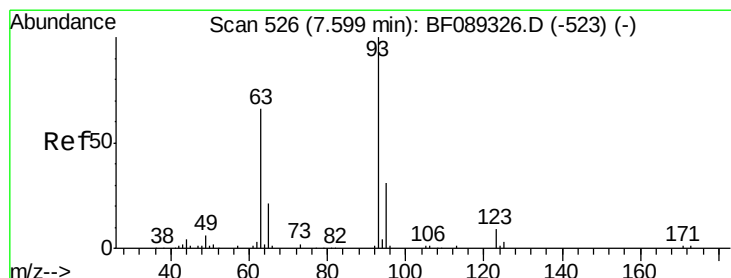
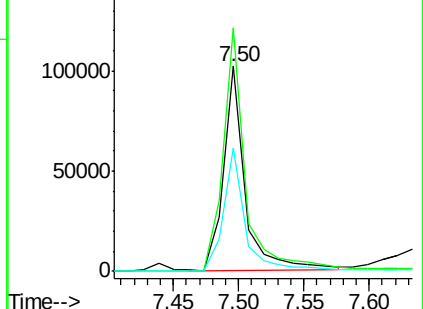
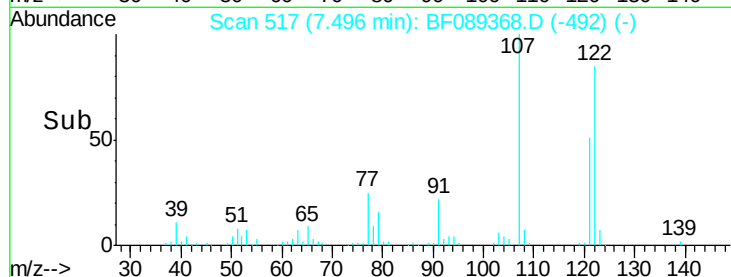
121 60.3 48.8 73.2



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: 47.30 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

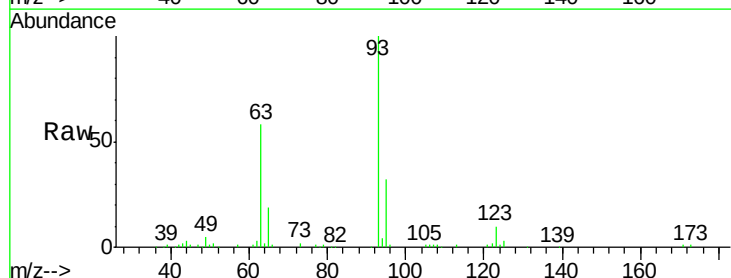
Tgt Ion: 93 Resp: 166434

Ion Ratio Lower Upper

93 100

95 31.8 24.7 37.1

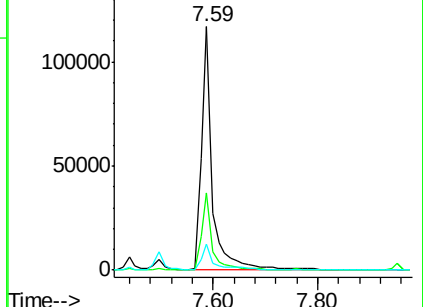
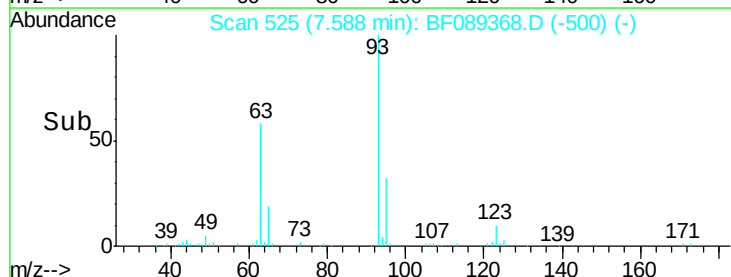
123 10.5 7.5 11.3

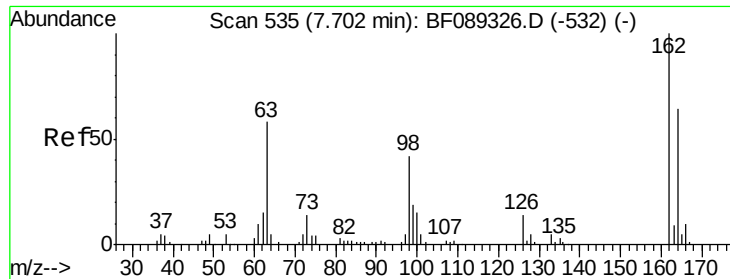


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

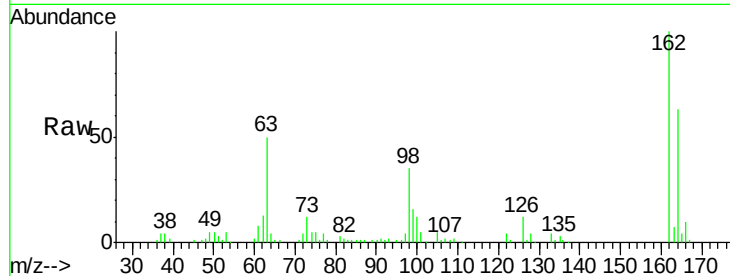




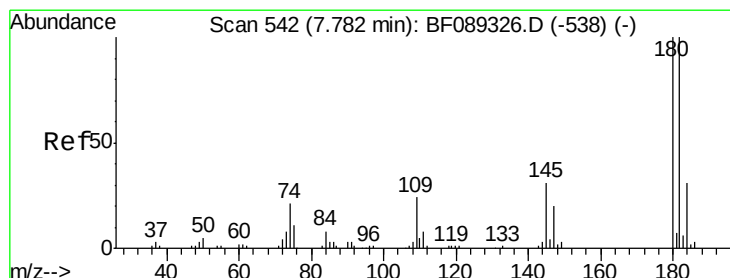
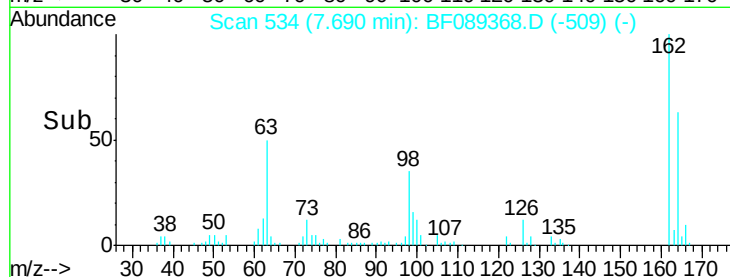
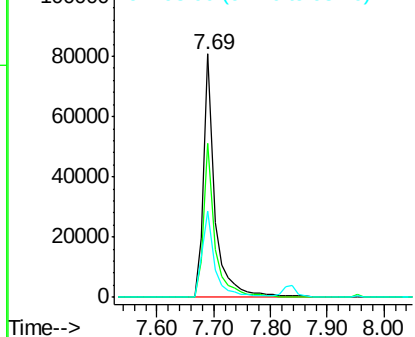
#29
2,4-Dichlorophenol
Concen: 47.07 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

Instrument :
BNA_F
ClientSampleId :
PB92474BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.0	84.0
98	35.3	21.8	61.8

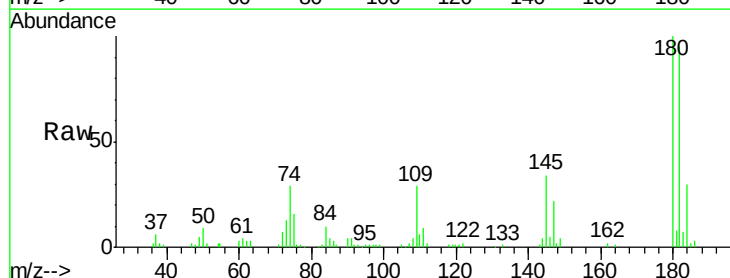


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): E

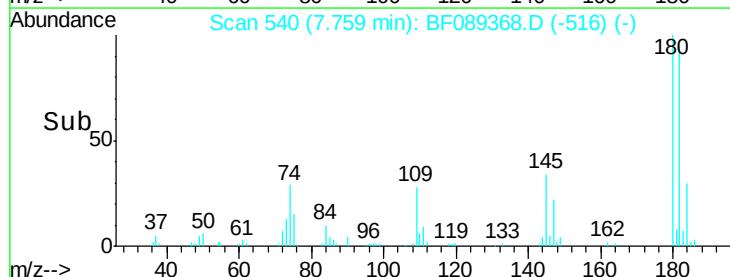
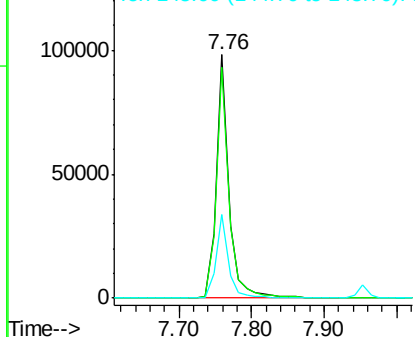


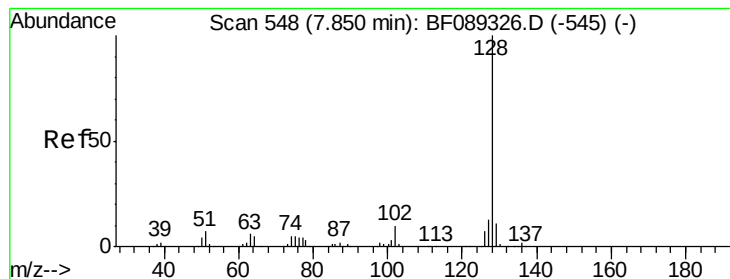
#30
1,2,4-Trichlorobenzene
Concen: 44.77 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.2	117.2
145	34.3	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: 43.92 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Instrument :

BNA_F

ClientSampleId :

PB92474BS

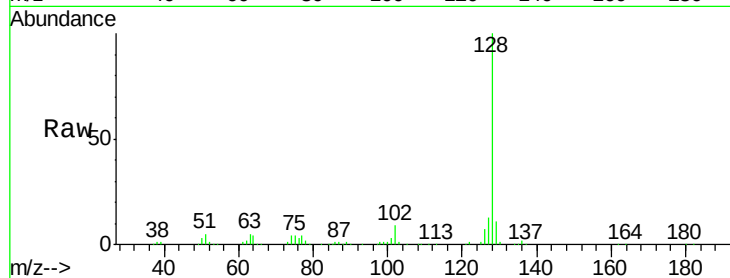
Tgt Ion:128 Resp: 405098

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

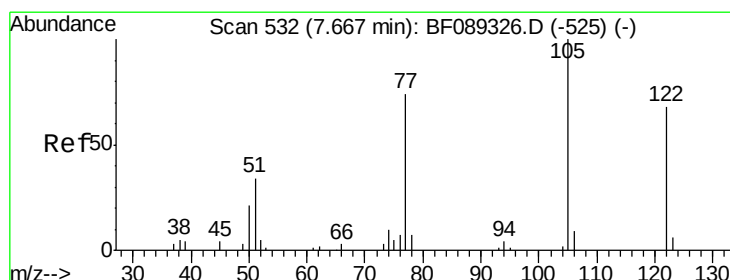
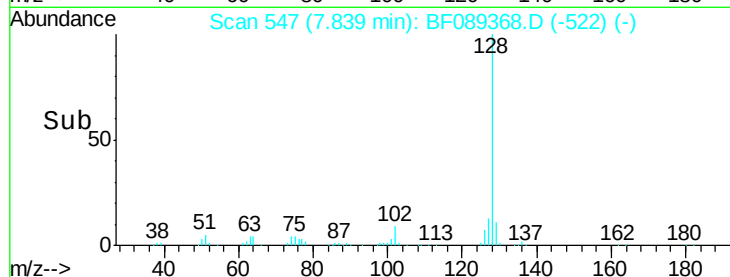
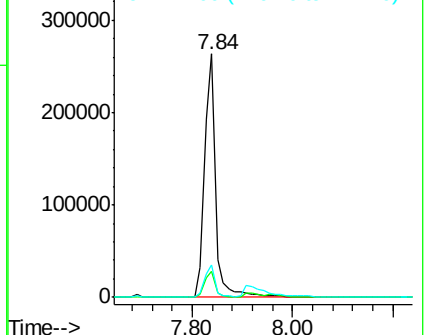
127 13.2 10.8 16.2



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: 30.32 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

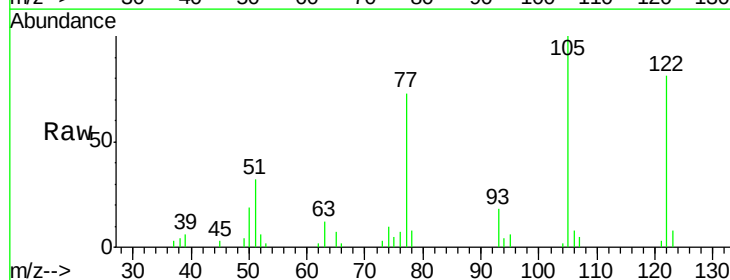
Tgt Ion:122 Resp: 54035

Ion Ratio Lower Upper

122 100

105 123.7 106.4 146.4

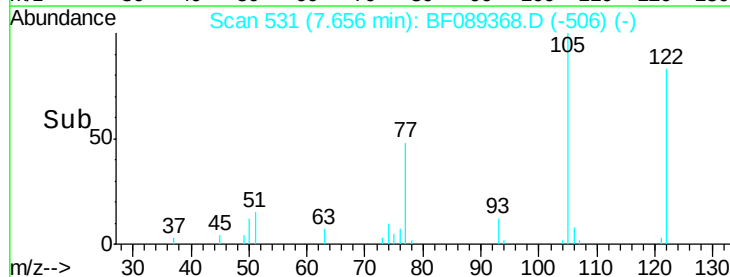
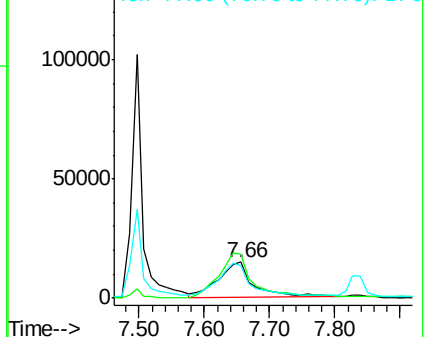
77 90.9 76.4 116.4

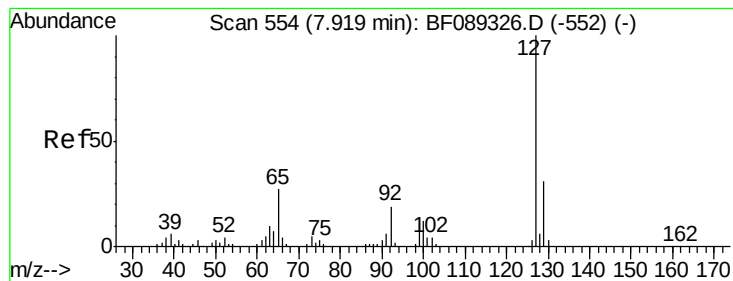


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 12.35 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

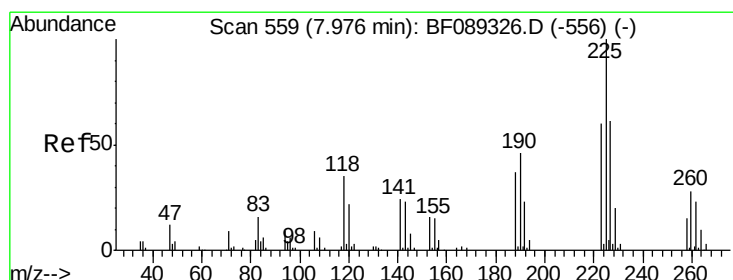
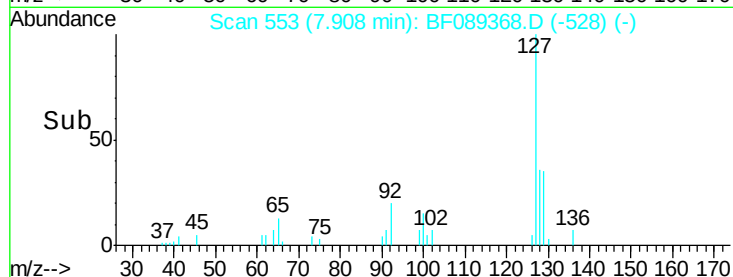
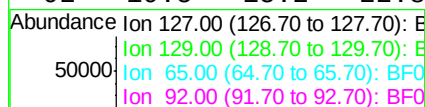
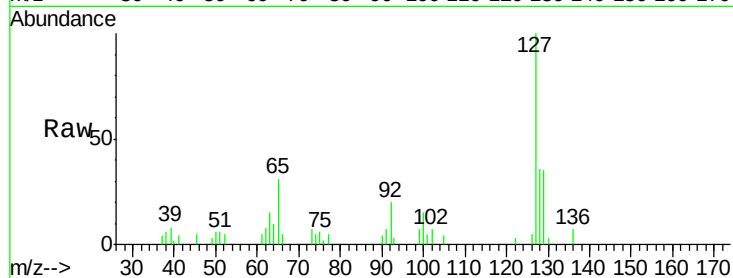
Instrument :

BNA_F

ClientSampleId :

PB92474BS

Tgt Ion:	127	Resp:	43367
Ion	Ratio	Lower	Upper
127	100		
129	34.9	26.1	39.1
65	30.8	22.0	33.0
92	19.5	15.2	22.8



#34

Hexachlorobutadiene

Concen: 40.49 ng

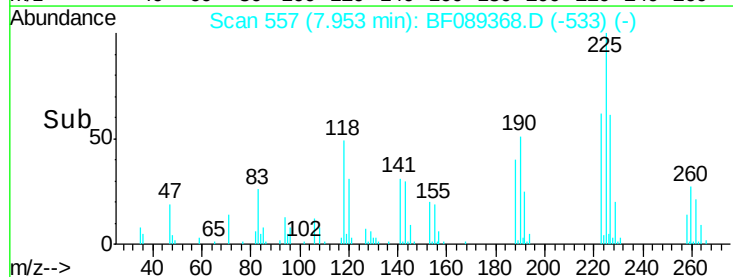
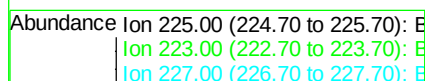
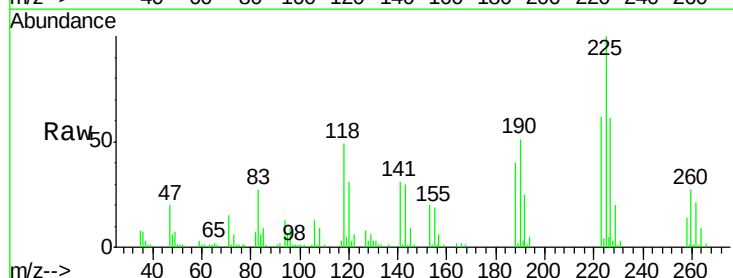
RT: 7.95 min Scan# 557

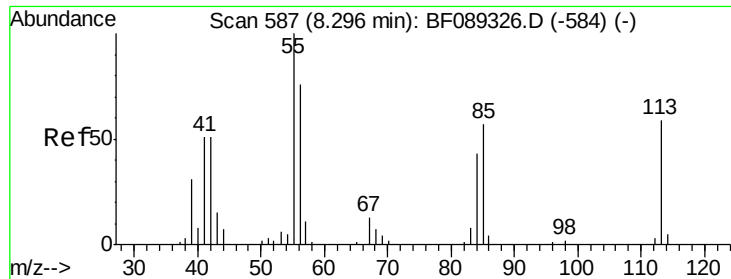
Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Tgt Ion:	225	Resp:	61660
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.8	74.8
227	61.3	49.4	74.2

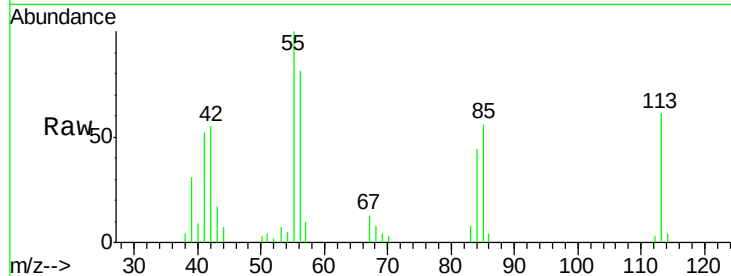




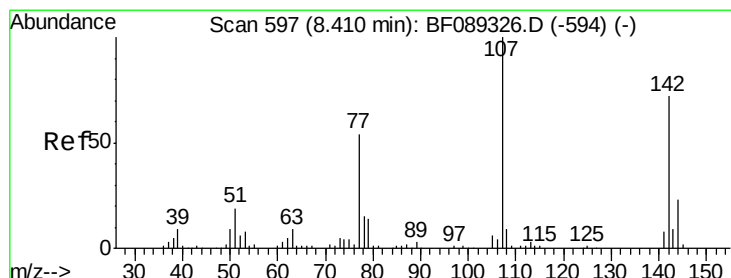
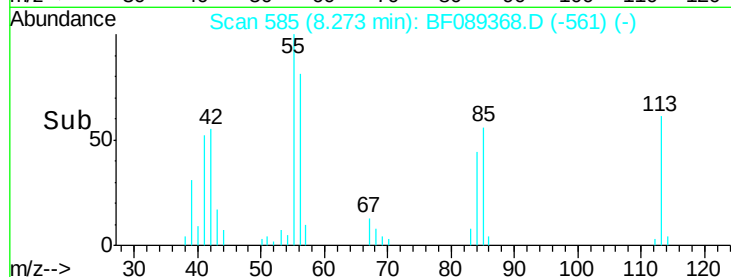
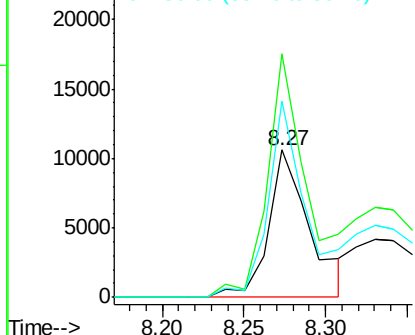
#35
 Caprolactam
 Concen: 26.41 ng
 RT: 8.27 min Scan# 585
 Delta R.T. -0.02 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB92474BS

Tgt Ion:113 Resp: 18578
 Ion Ratio Lower Upper
 113 100
 55 165.1 142.3 182.3
 56 133.4 105.8 145.8

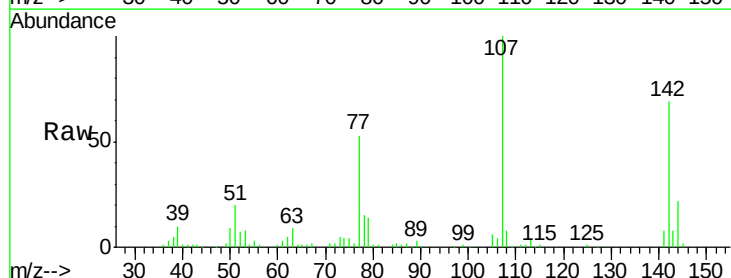


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

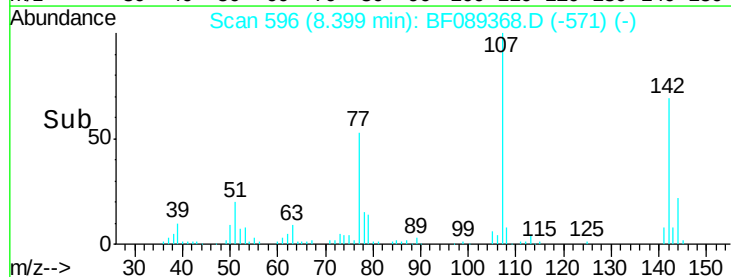
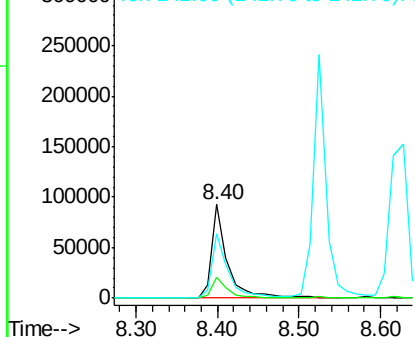


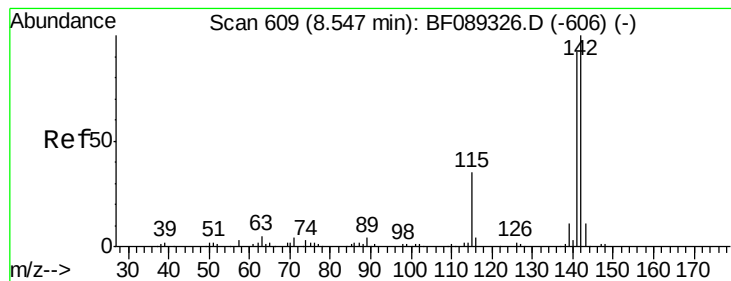
#36
 4-Chloro-3-methylphenol
 Concen: 46.32 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Tgt Ion:107 Resp: 128305
 Ion Ratio Lower Upper
 107 100
 144 22.3 18.4 27.6
 142 69.0 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: 46.96 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Instrument :

BNA_F

ClientSampleId :

PB92474BS

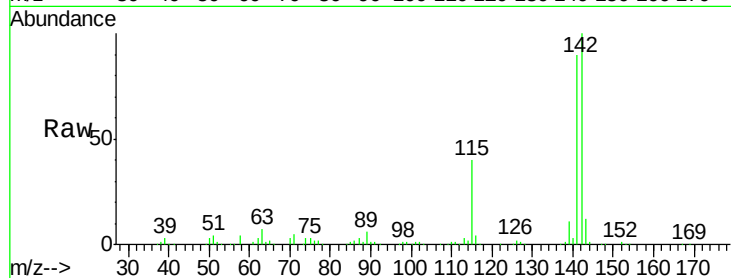
Tgt Ion:142 Resp: 260971

Ion Ratio Lower Upper

142 100

141 89.9 70.9 106.3

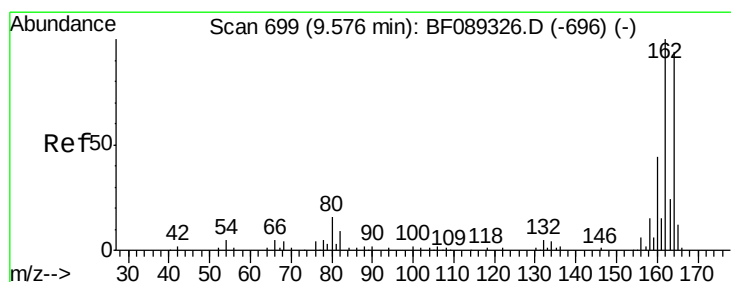
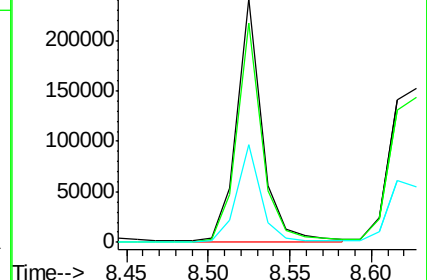
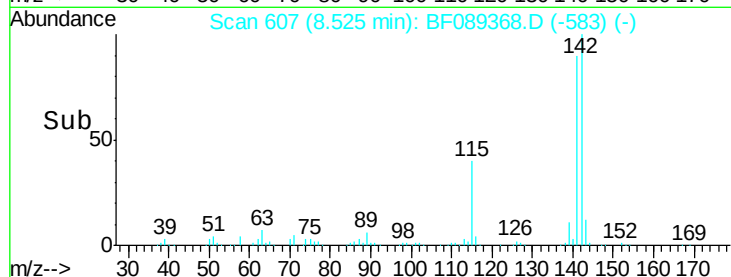
115 39.9 27.6 41.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

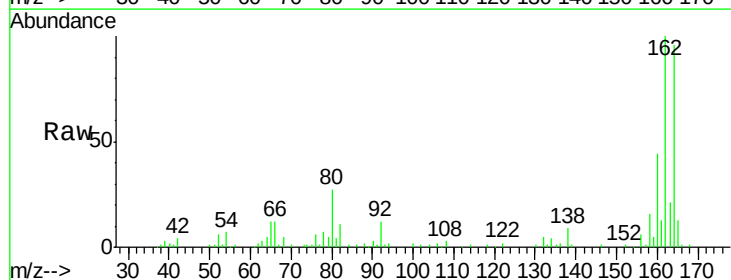
Tgt Ion:164 Resp: 87003

Ion Ratio Lower Upper

164 100

162 103.7 83.7 125.5

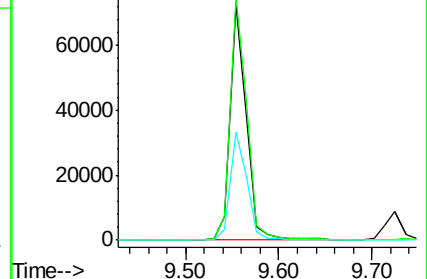
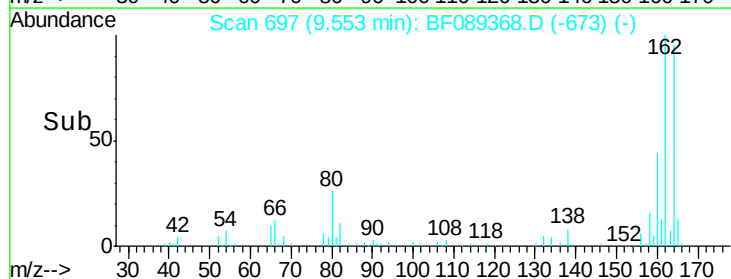
160 46.0 37.8 56.6

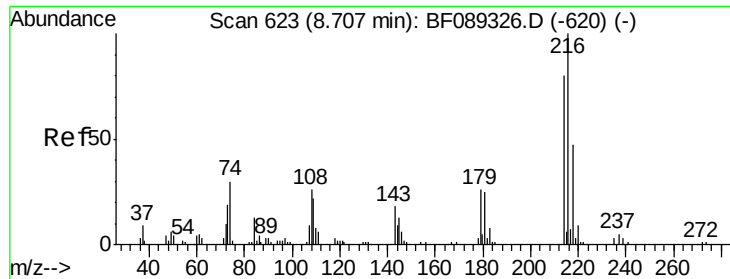


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

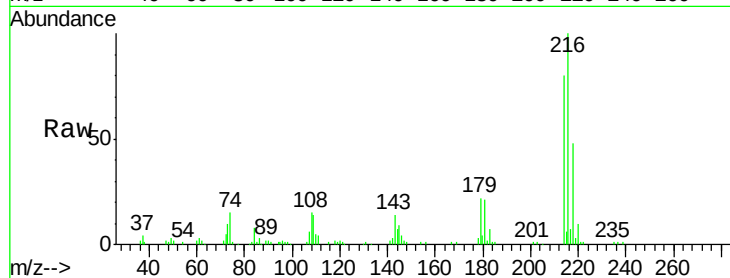




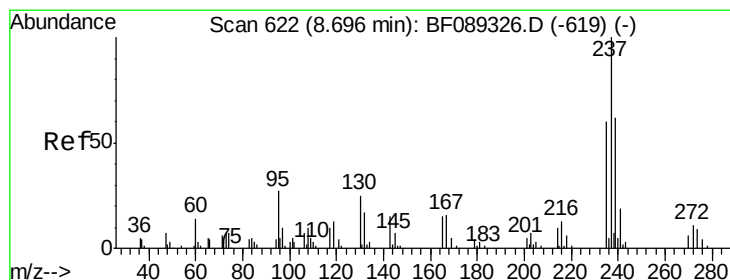
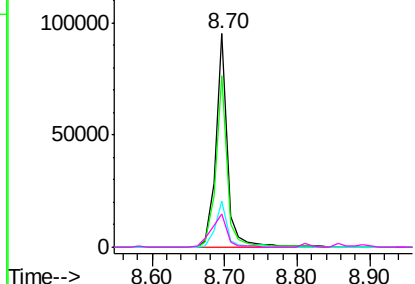
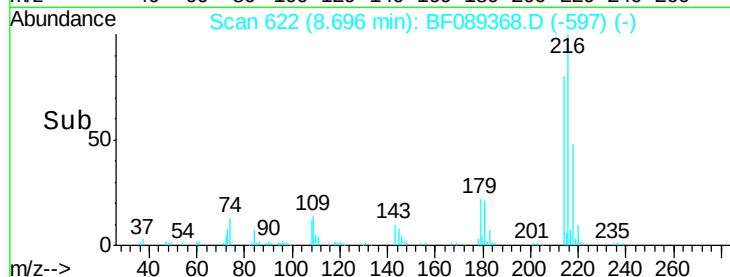
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.57 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB92474BS

Tgt Ion:	216	Resp:	105257
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.3	94.9
179	22.3	18.1	27.1
108	21.4	17.2	25.8

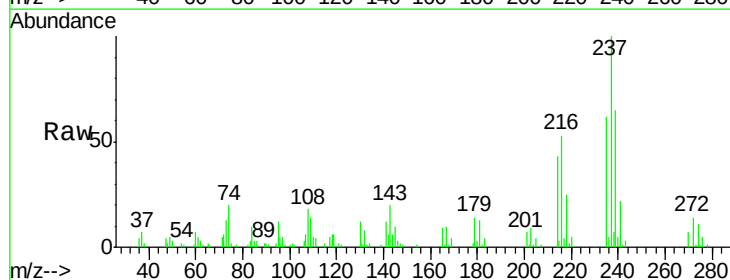


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

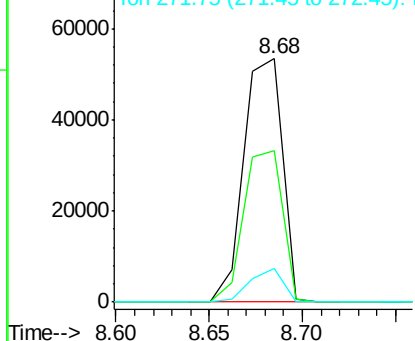
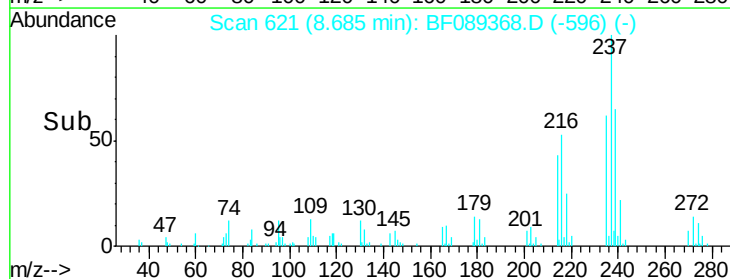


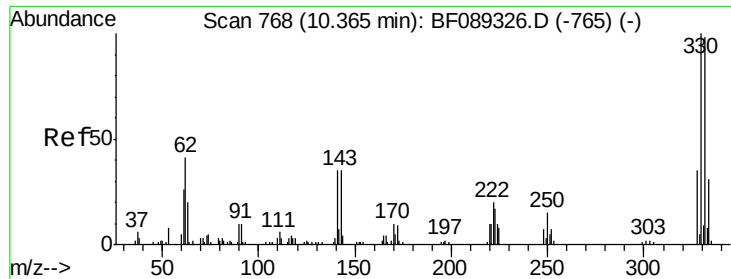
#40
 Hexachlorocyclopentadiene
 Concen: 87.53 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Tgt Ion:	237	Resp:	76790
Ion	Ratio	Lower	Upper
237	100		
235	62.3	41.6	81.6
272	14.0	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

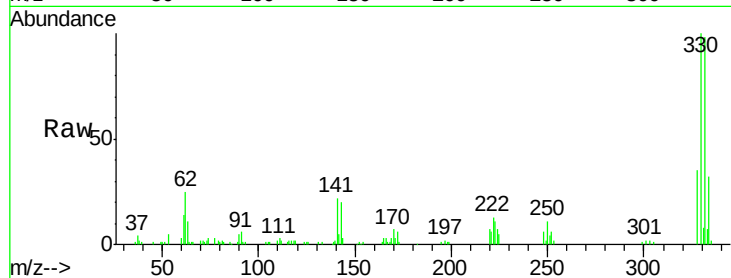




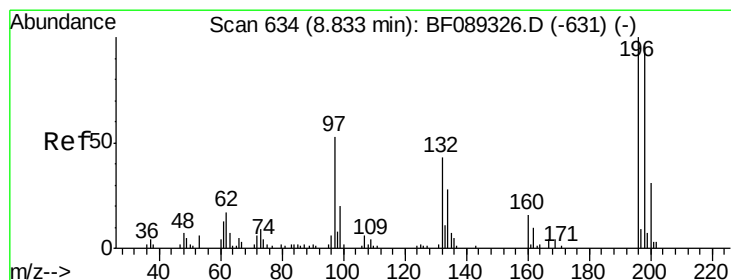
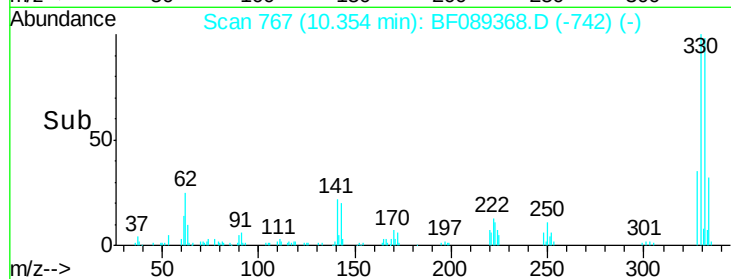
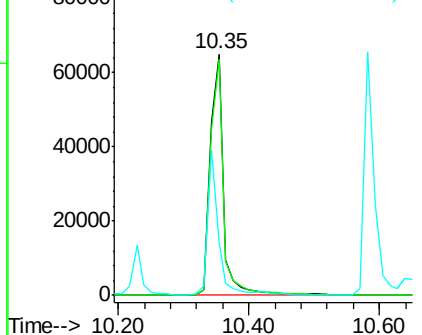
#41
 2,4,6-Tribromophenol
 Concen: 130.15 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB92474BS

Tgt Ion:330 Resp: 93780
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.8 115.2
 141 49.0 37.3 55.9

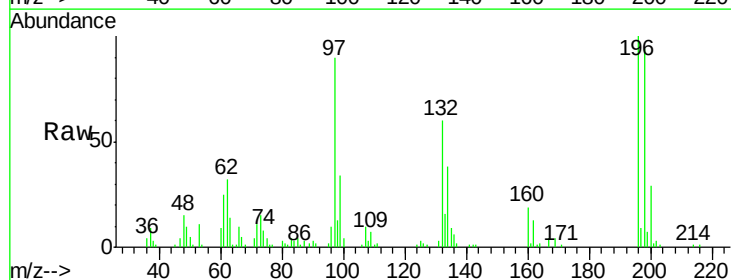


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

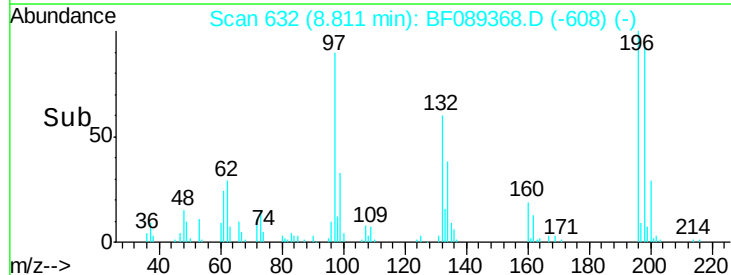
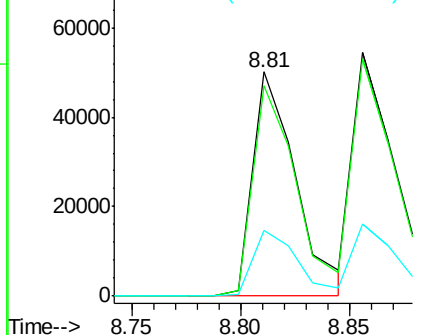


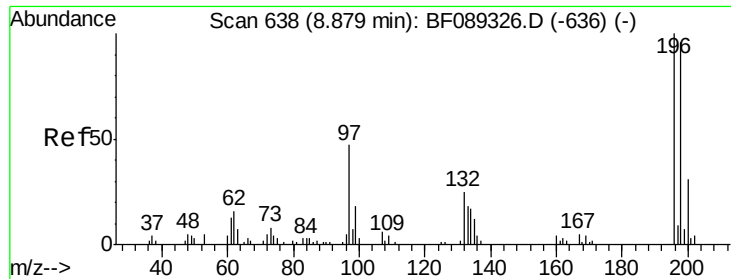
#42
 2,4,6-Trichlorophenol
 Concen: 47.74 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Tgt Ion:196 Resp: 69101
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.5 113.3
 200 29.3 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

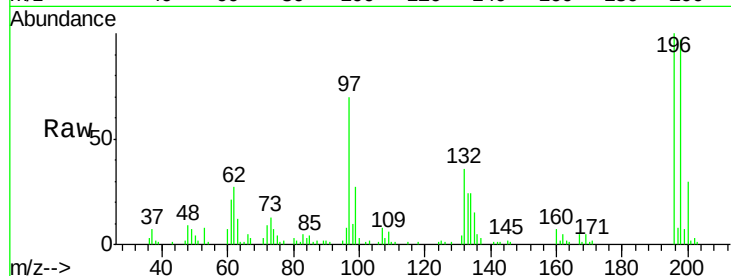




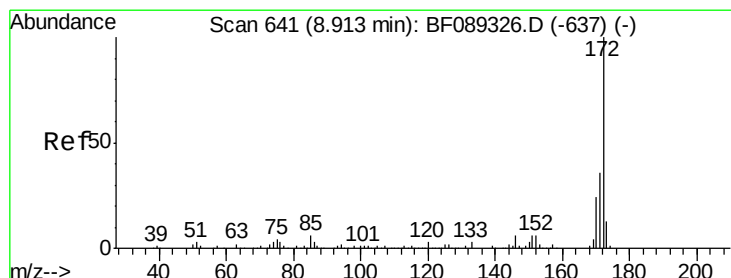
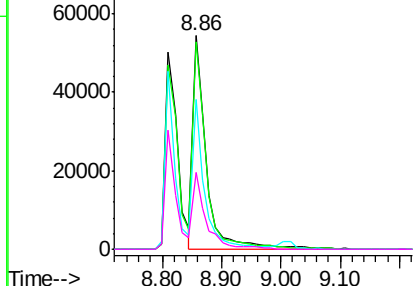
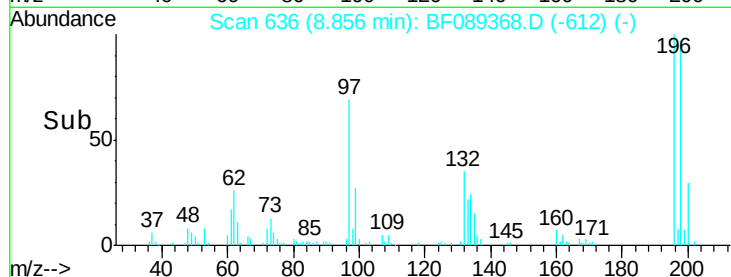
#43
 2,4,5-Trichlorophenol
 Concen: 47.38 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB92474BS

Tgt Ion:196 Resp: 86880
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.7 118.1
 97 70.1 39.7 59.5#
 132 35.8 22.8 34.2#

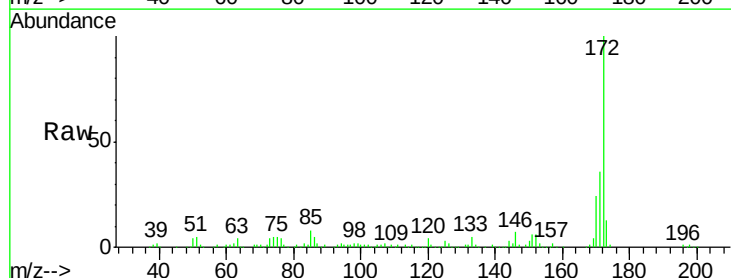


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

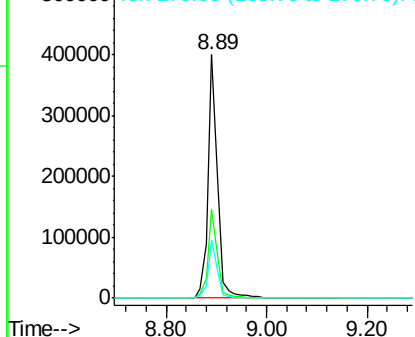
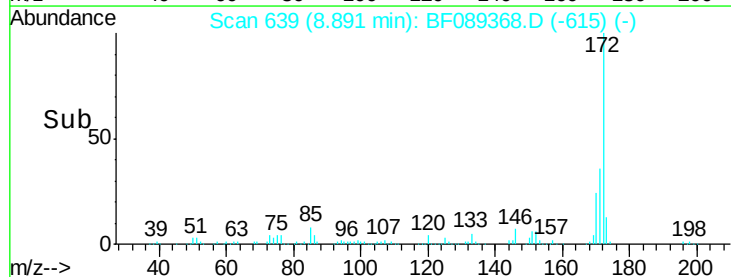


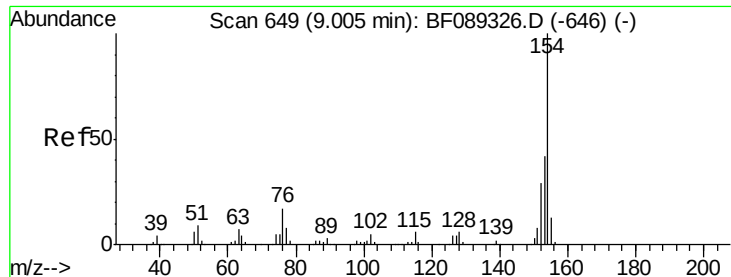
#44
 2-Fluorobiphenyl
 Concen: 88.21 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Tgt Ion:172 Resp: 522932
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.2 43.8
 170 23.9 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

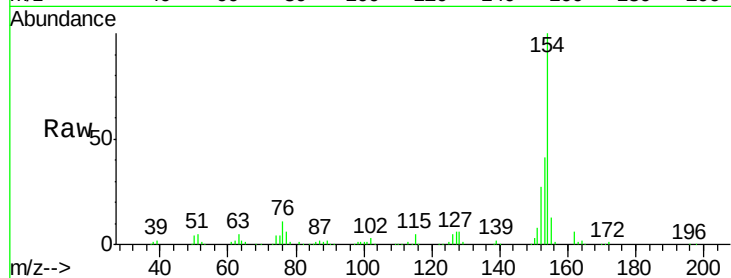




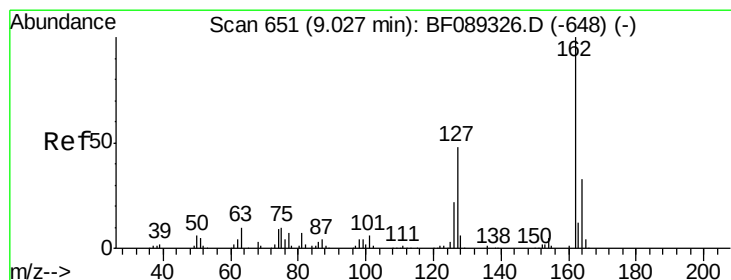
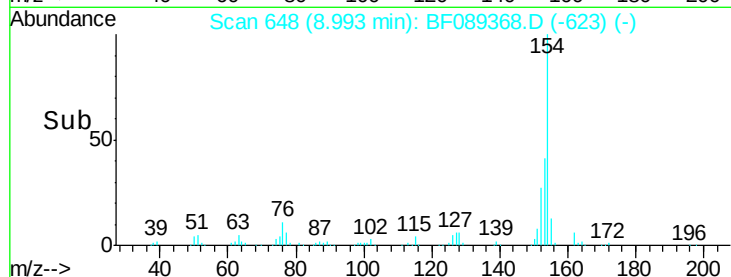
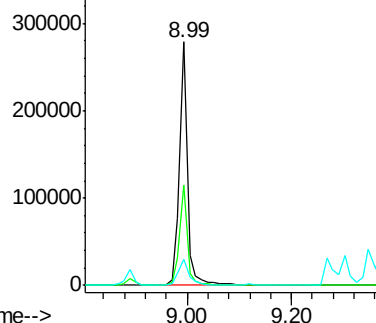
#45
 1,1'-Biphenyl
 Concen: 39.91 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB92474BS

Tgt Ion:154 Resp: 295666
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.0 61.0
 76 10.8 0.0 36.6

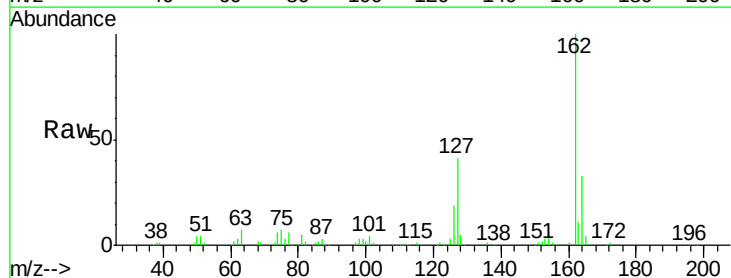


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

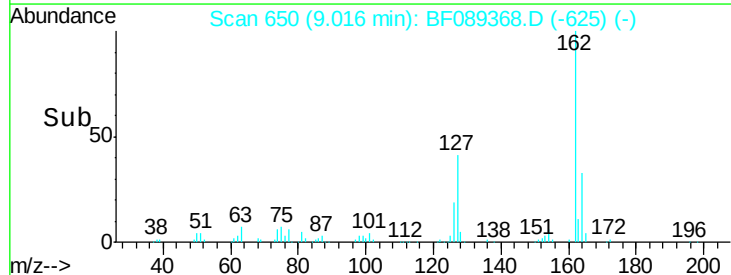
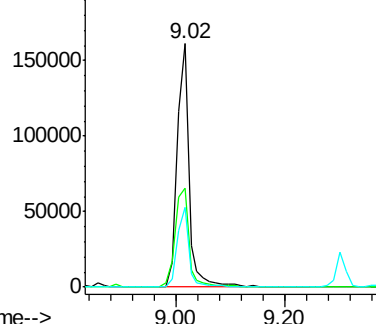


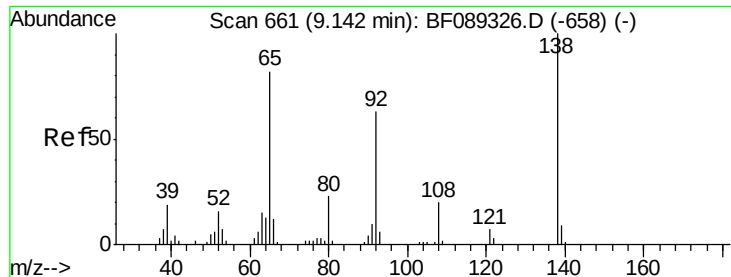
#46
 2-Chloronaphthalene
 Concen: 43.78 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.01 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Tgt Ion:162 Resp: 243542
 Ion Ratio Lower Upper
 162 100
 127 40.8 37.8 56.8
 164 32.8 25.8 38.8



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

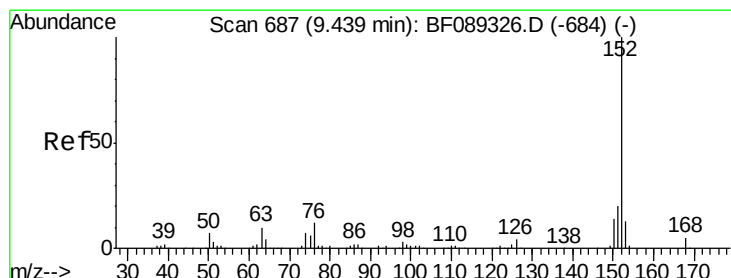
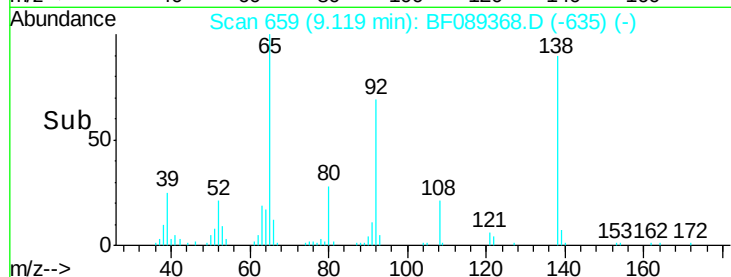
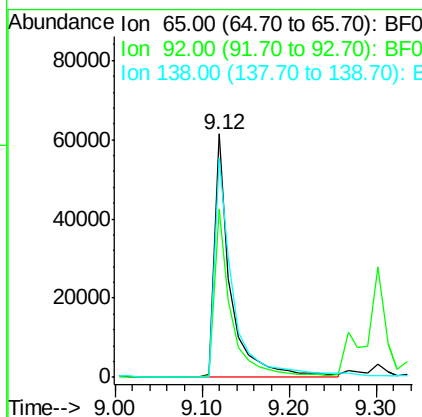
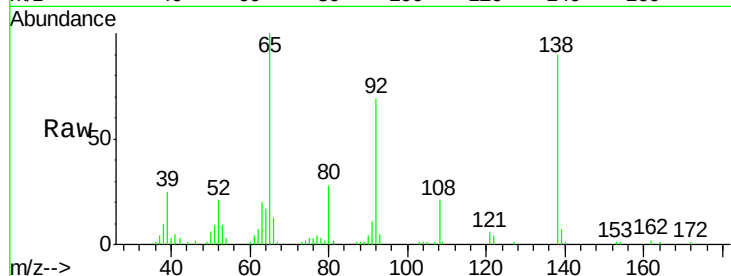




#47
2-Nitroaniline
Concen: 49.00 ng
RT: 9.12 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

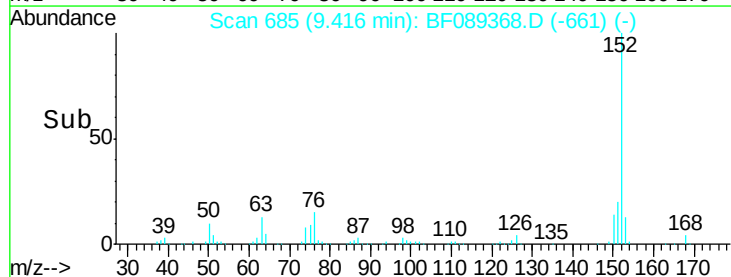
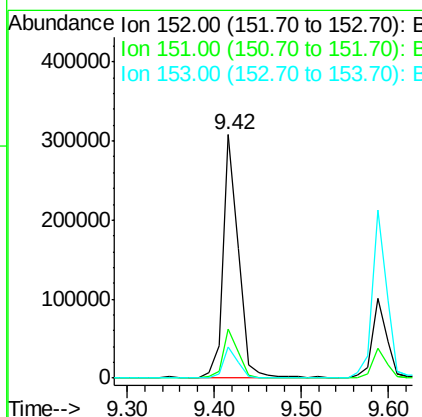
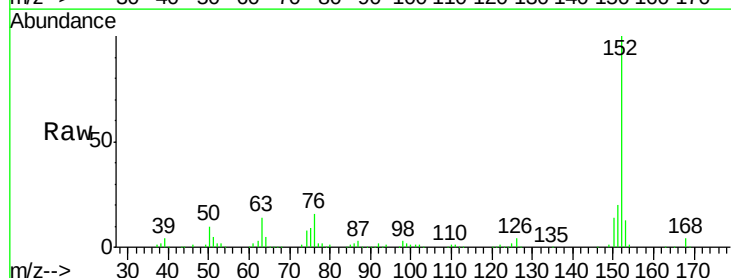
Instrument :
BNA_F
ClientSampleId :
PB92474BS

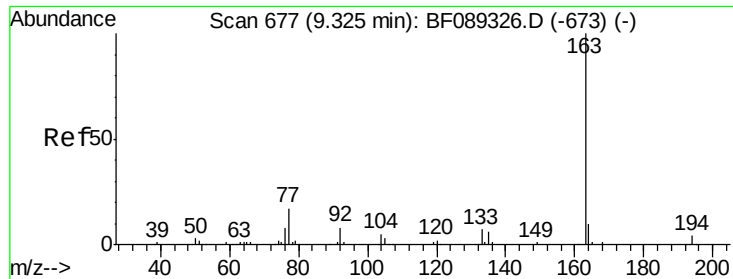
Tgt Ion: 65 Resp: 80725
Ion Ratio Lower Upper
65 100
92 69.3 61.0 91.4
138 90.0 99.1 148.7#



#48
Acenaphthylene
Concen: 43.23 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

Tgt Ion: 152 Resp: 378804
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 12.9 10.2 15.4

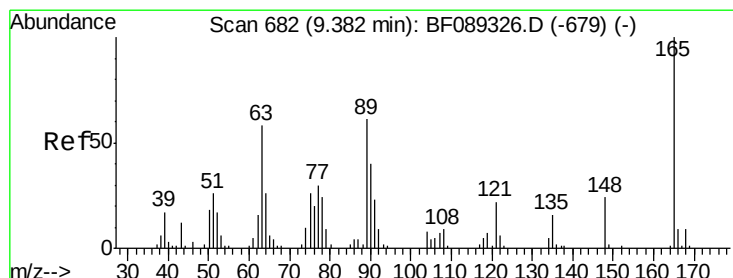
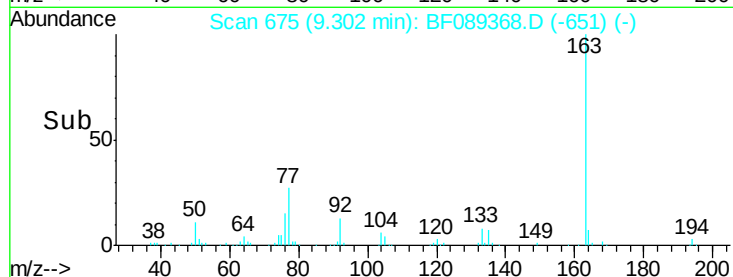
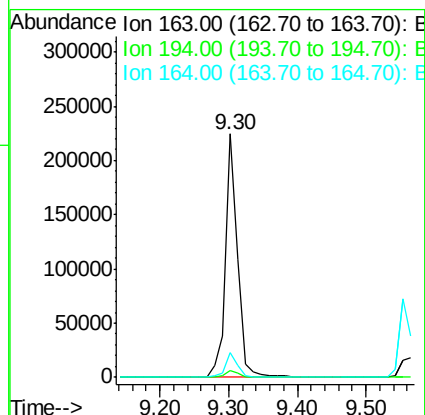
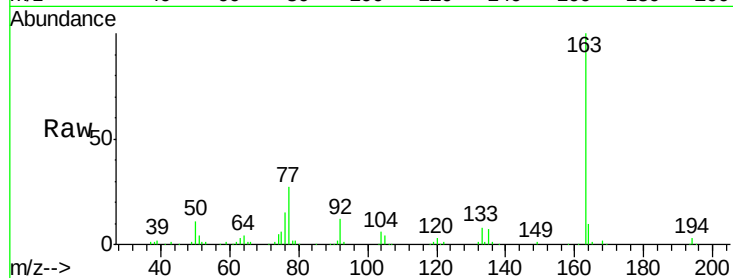




#49
Dimethylphthalate
Concen: 42.49 ng
RT: 9.30 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

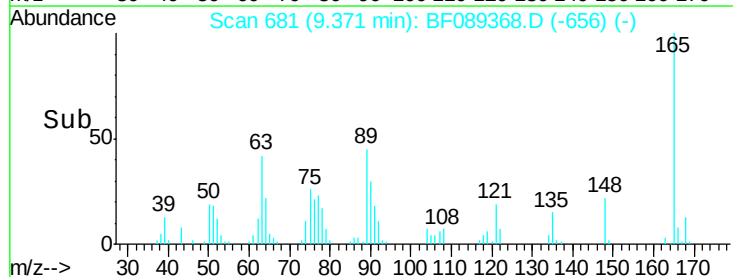
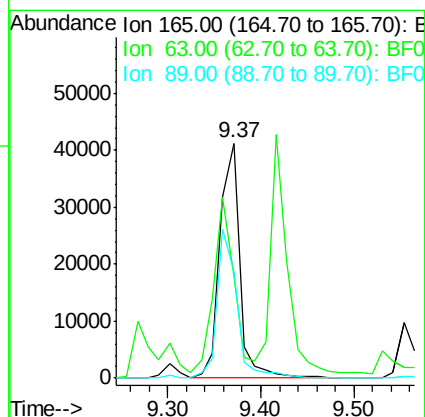
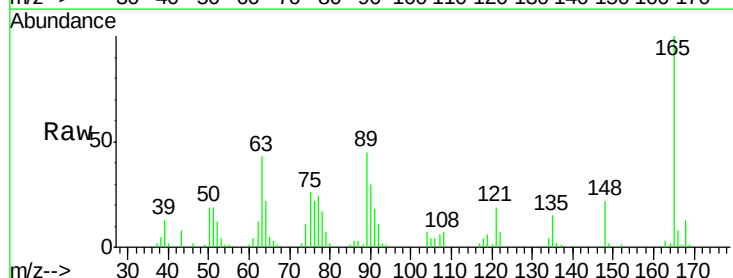
Instrument :
BNA_F
ClientSampleId :
PB92474BS

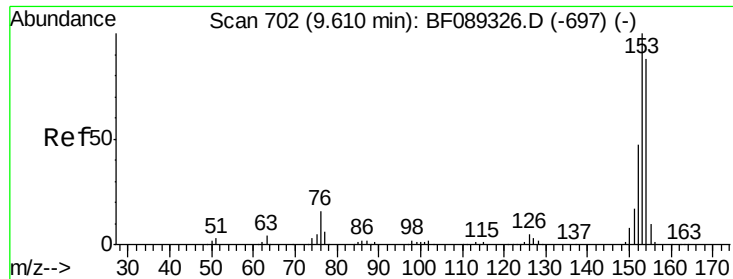
Tgt Ion:163 Resp: 281324
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.4 7.8 11.8



#50
2,6-Dinitrotoluene
Concen: 45.00 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

Tgt Ion:165 Resp: 61217
Ion Ratio Lower Upper
165 100
63 42.9 43.5 65.3#
89 45.1 45.0 67.4





#51

Acenaphthene

Concen: 42.31 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Instrument :

BNA_F

ClientSampleId :

PB92474BS

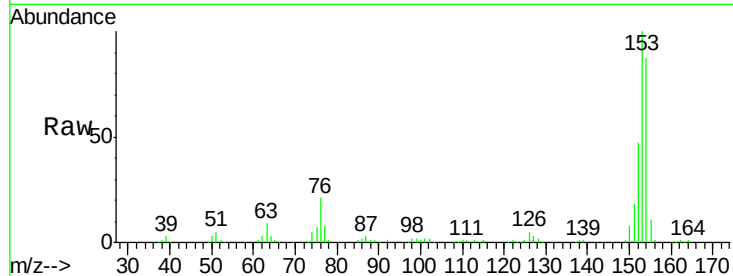
Tgt Ion:154 Resp: 216528

Ion Ratio Lower Upper

154 100

153 114.9 91.4 137.2

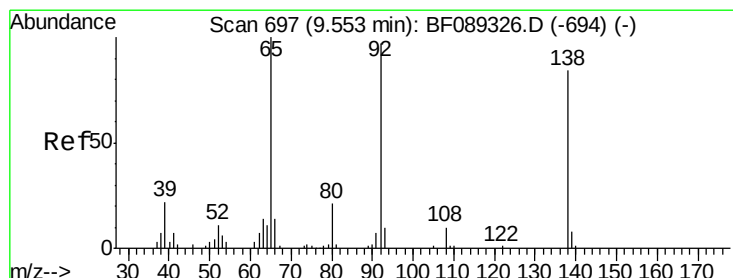
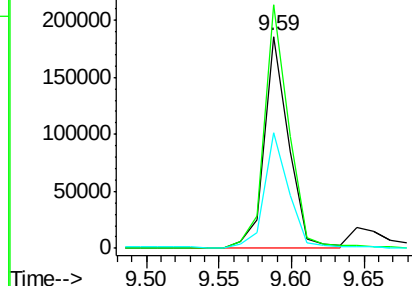
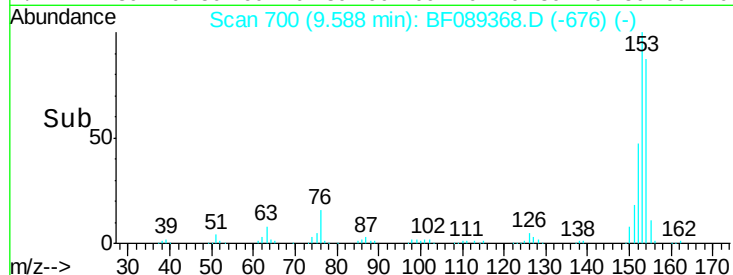
152 54.3 43.8 65.6



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: 23.59 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

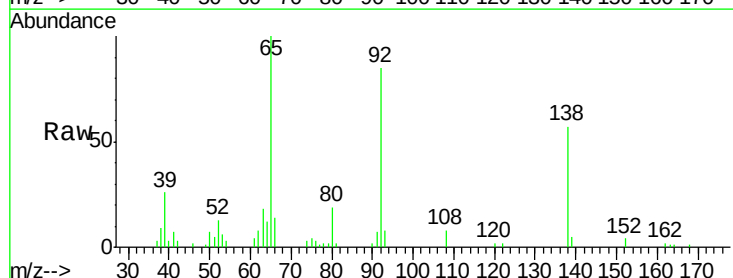
Tgt Ion:138 Resp: 33869

Ion Ratio Lower Upper

138 100

108 13.4 8.6 13.0#

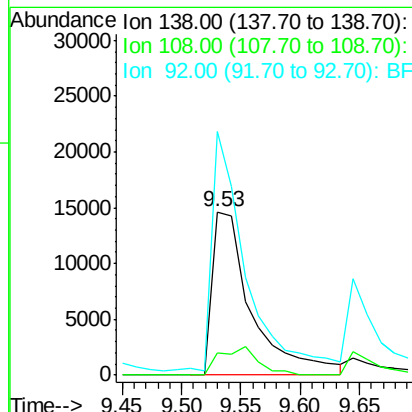
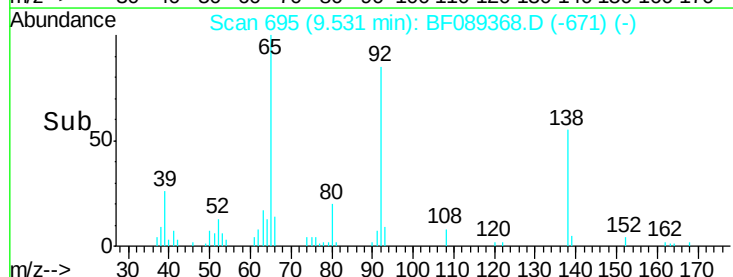
92 148.9 90.0 135.0#

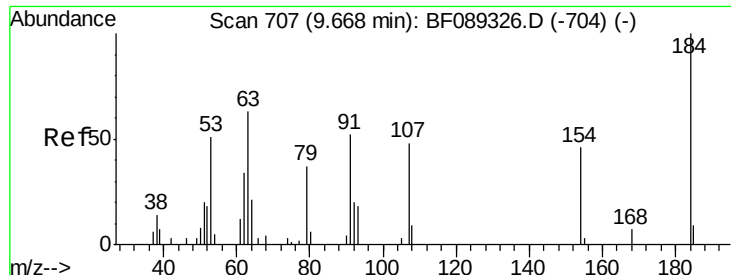


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

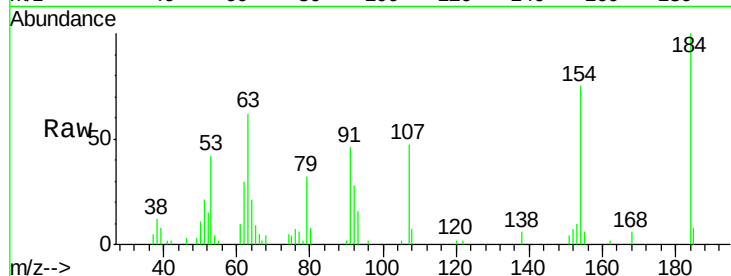




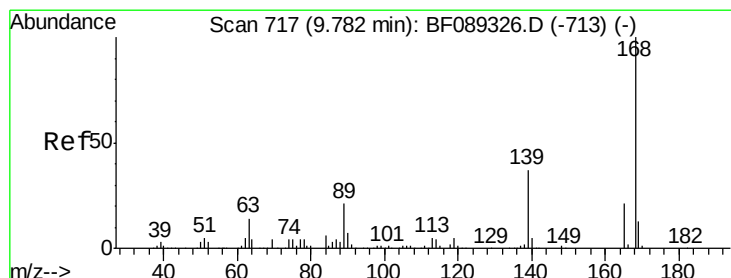
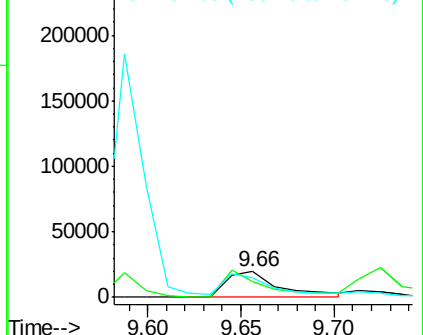
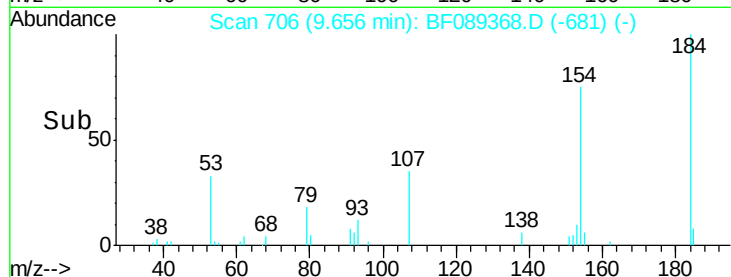
#53
2,4-Dinitrophenol
Concen: 68.24 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

Instrument :
BNA_F
ClientSampleId :
PB92474BS

Tgt Ion:184 Resp: 39544
Ion Ratio Lower Upper
184 100
63 61.8 60.6 90.8
154 75.3 69.8 104.8

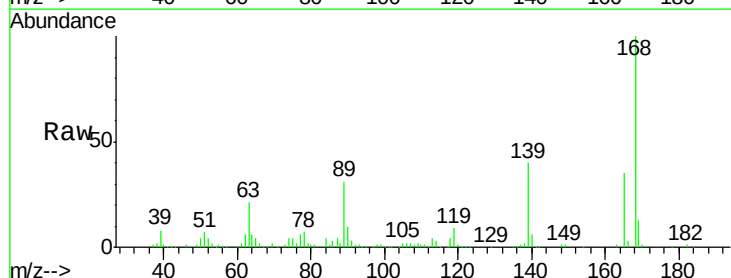


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

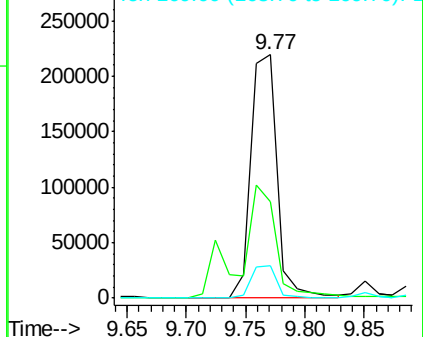
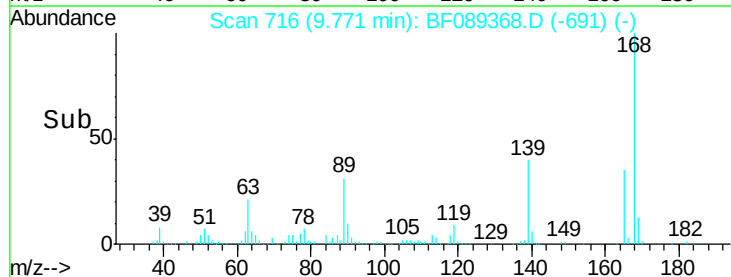


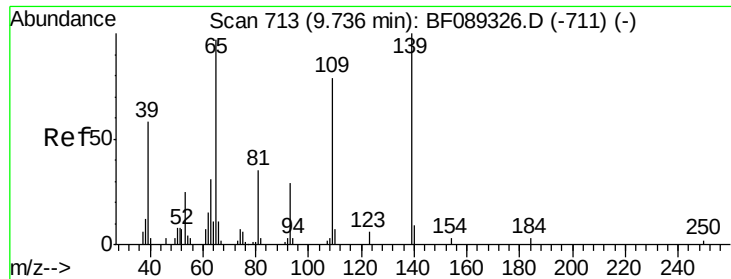
#54
Dibenzofuran
Concen: 48.40 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

Tgt Ion:168 Resp: 337471
Ion Ratio Lower Upper
168 100
139 39.8 33.7 50.5
169 13.1 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

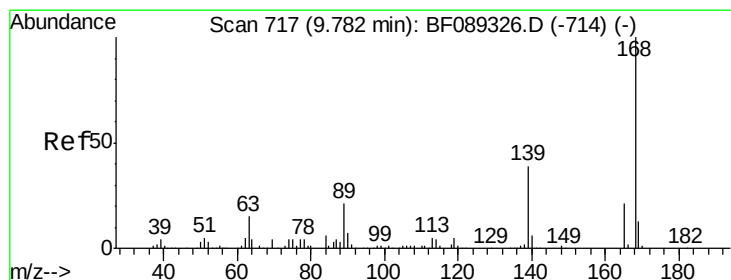
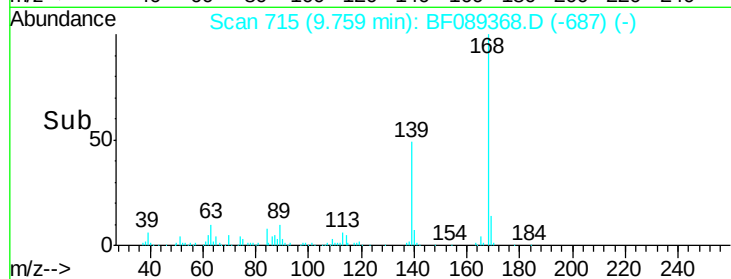
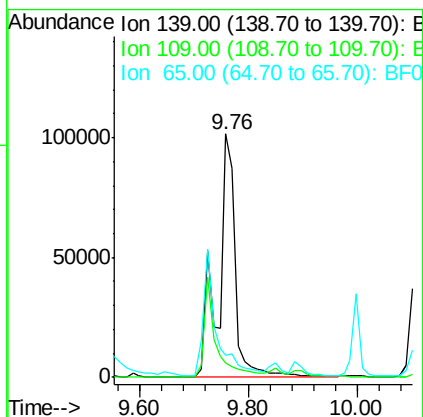
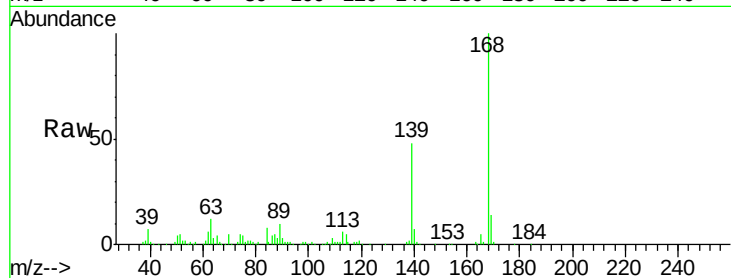




#55
4-Nitrophenol
Concen: 305.09 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.02 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

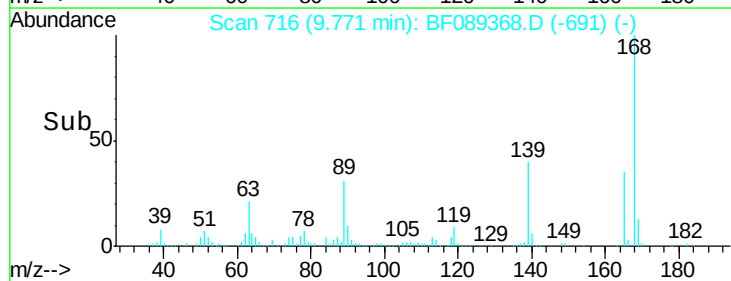
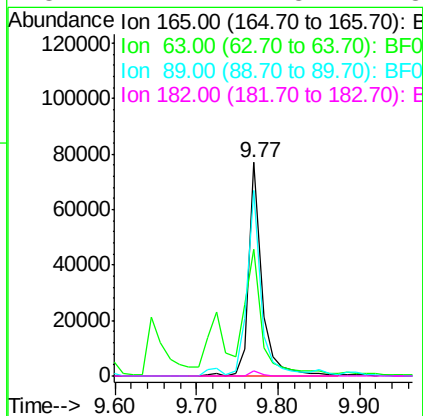
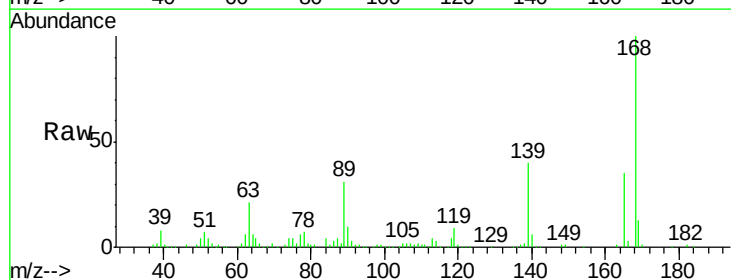
Instrument :
BNA_F
ClientSampleId :
PB92474BS

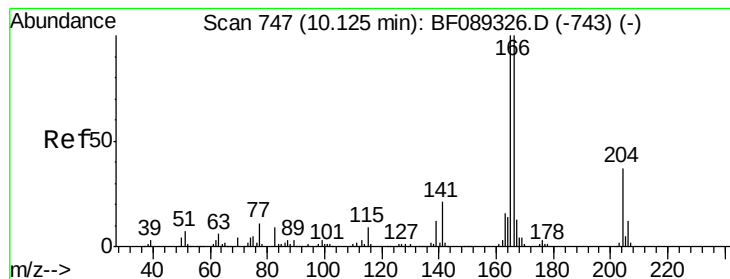
Tgt Ion:139 Resp: 226522
Ion Ratio Lower Upper
139 100
109 6.2 57.8 97.8#
65 9.3 81.7 121.7#



#56
2,4-Dinitrotoluene
Concen: 48.72 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

Tgt Ion:165 Resp: 87267
Ion Ratio Lower Upper
165 100
63 59.6 58.2 87.2
89 87.2 79.1 118.7
182 2.4 1.8 2.8





#57

Fluorene

Concen: 43.96 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Instrument :

BNA_F

ClientSampleId :

PB92474BS

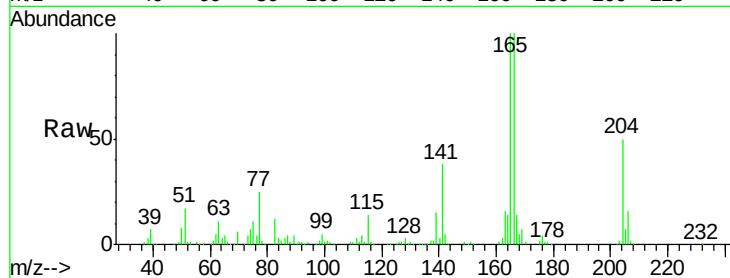
Tgt Ion:166 Resp: 267578

Ion Ratio Lower Upper

166 100

165 100.4 79.0 118.4

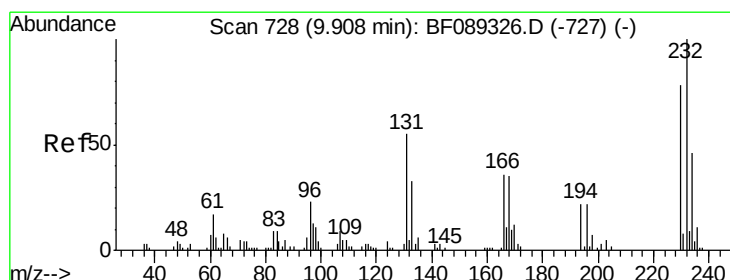
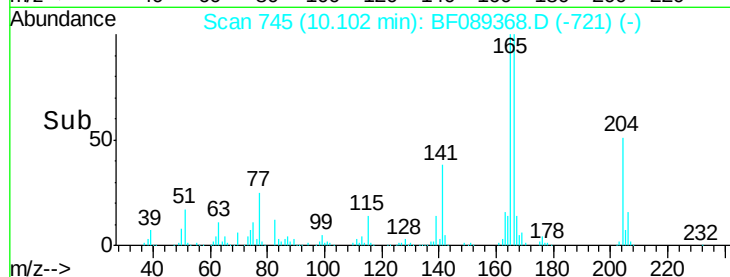
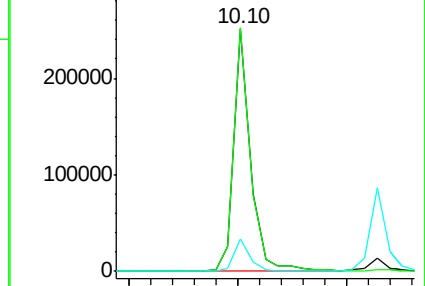
167 13.6 10.2 15.2



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: 50.58 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Tgt Ion:232 Resp: 61916

Ion Ratio Lower Upper

232 100

131 52.7 42.7 64.1

130 2.8 1.7 2.5#

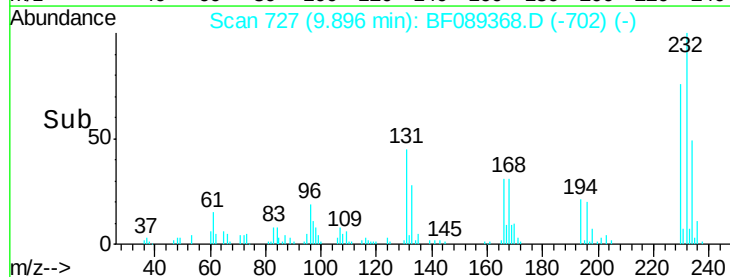
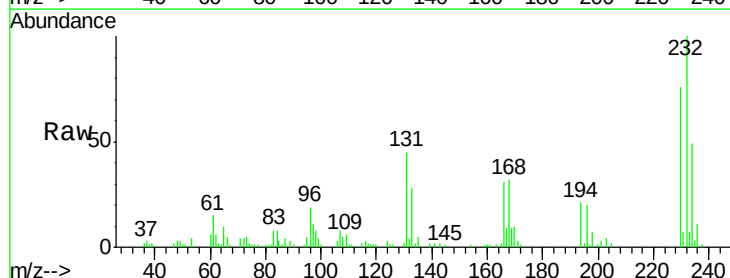
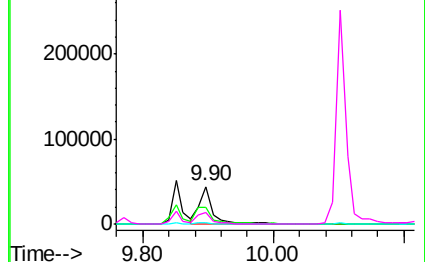
166 37.5 25.7 38.5

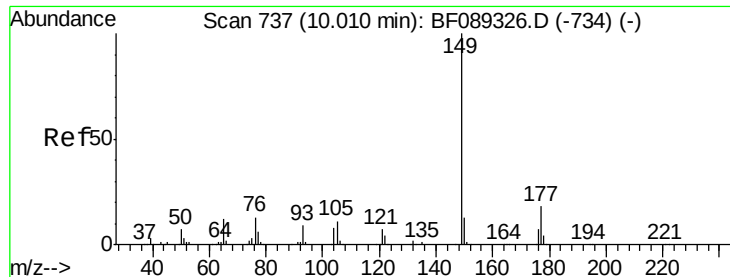
Abundance Ion 232.00 (231.70 to 232.70): E

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

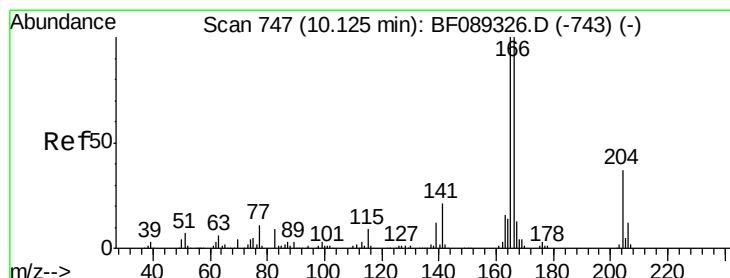
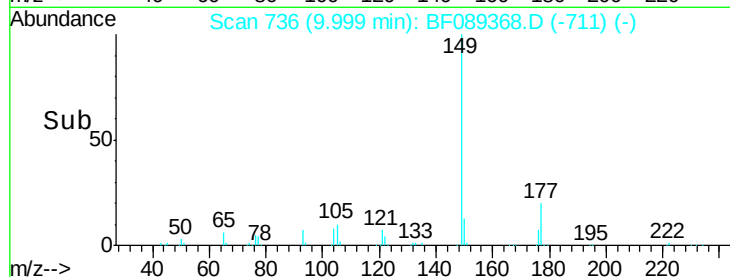
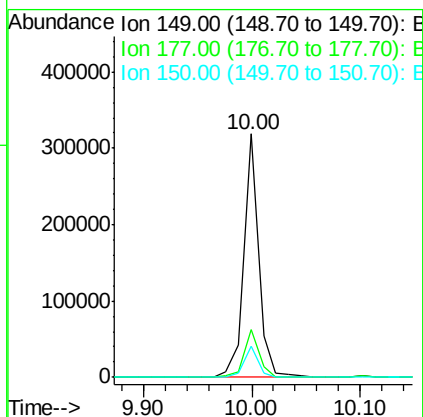
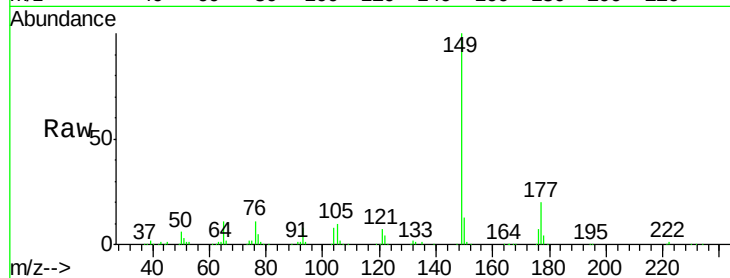




#59
Diethylphthalate
Concen: 44.73 ng
RT: 10.00 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

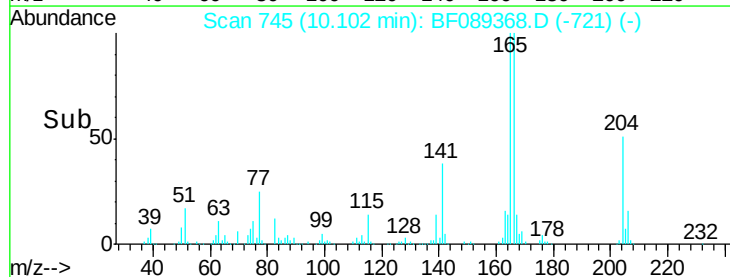
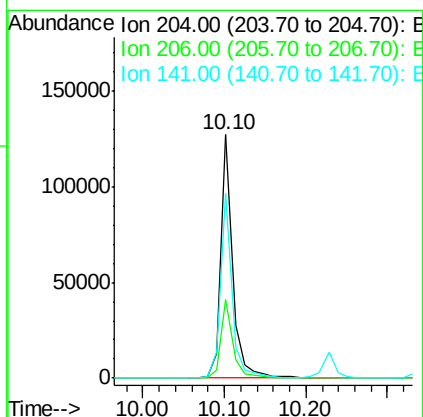
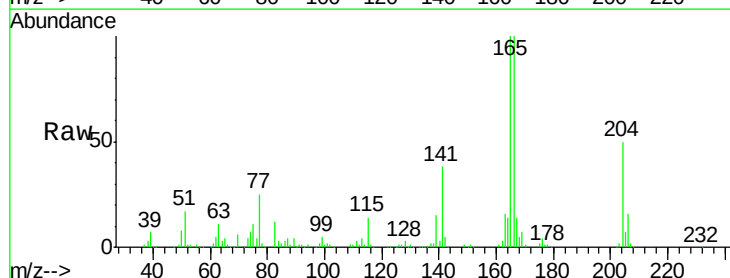
Instrument :
BNA_F
ClientSampleId :
PB92474BS

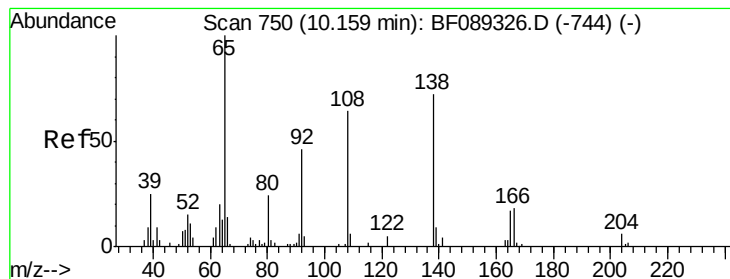
Tgt Ion:149 Resp: 300272
Ion Ratio Lower Upper
149 100
177 19.6 15.1 22.7
150 12.6 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 45.24 ng
RT: 10.10 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

Tgt Ion:204 Resp: 126311
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 75.7 46.6 70.0#





#61

4-Nitroaniline

Concen: 41.83 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Instrument :

BNA_F

ClientSampleId :

PB92474BS

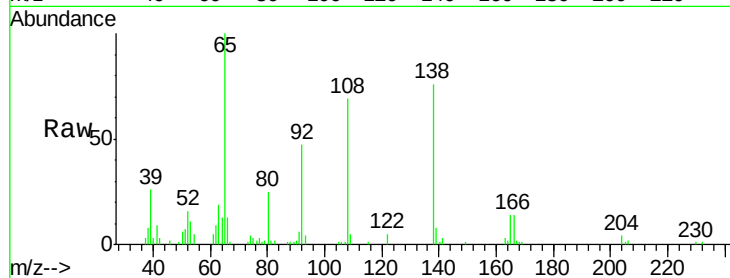
Tgt Ion:138 Resp: 61908

Ion Ratio Lower Upper

138 100

92 62.3 41.2 81.2

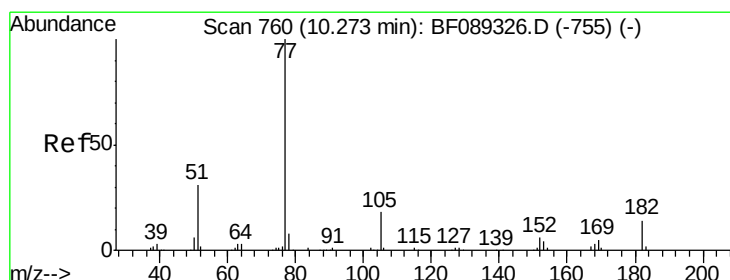
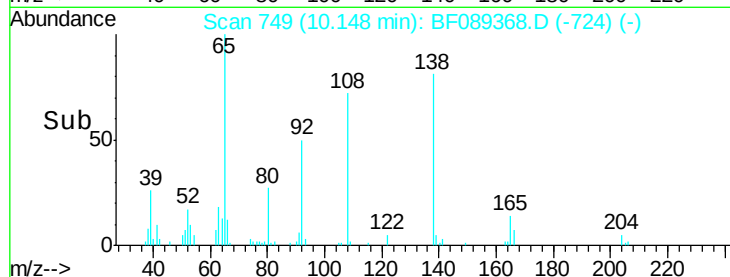
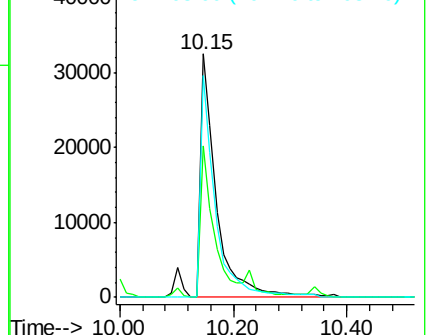
108 91.1 69.6 109.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.44 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Tgt Ion: 77 Resp: 341808

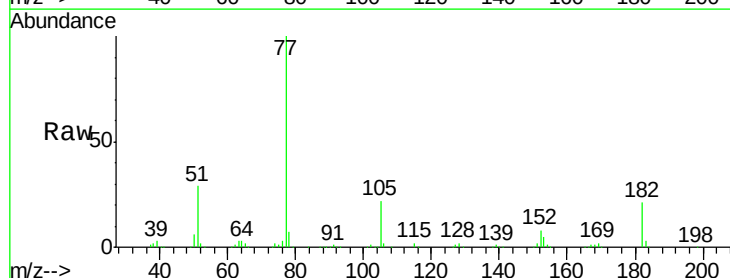
Ion Ratio Lower Upper

77 100

182 20.6 0.0 33.8

105 21.9 0.0 39.8

51 28.9 11.0 51.0

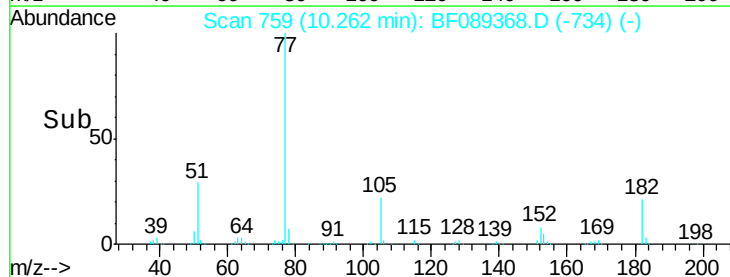
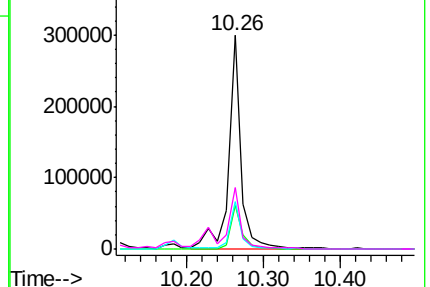


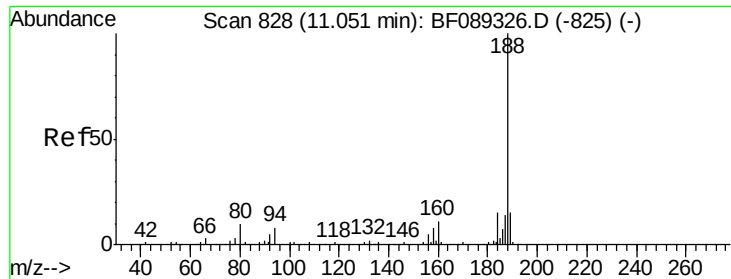
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

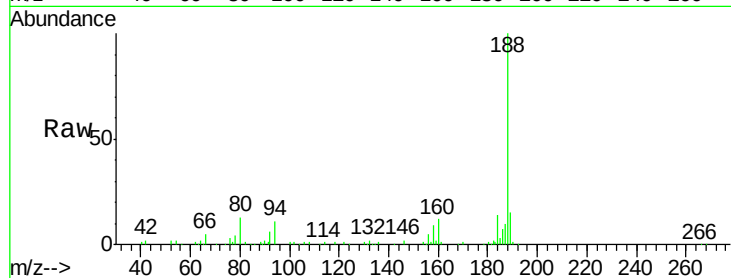




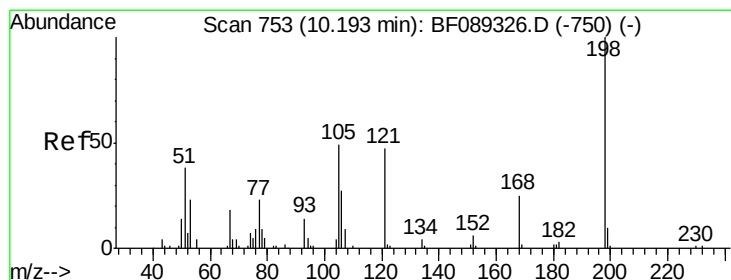
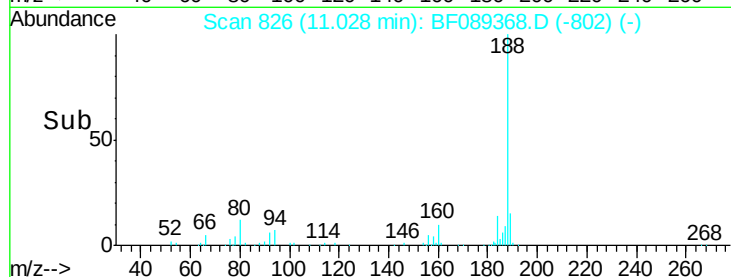
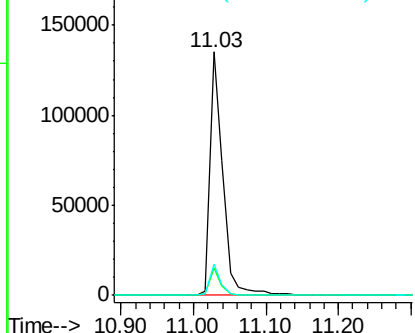
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

Instrument :
BNA_F
ClientSampleId :
PB92474BS

Tgt Ion:188 Resp: 165488
Ion Ratio Lower Upper
188 100
94 11.2 6.5 9.7#
80 12.7 7.2 10.8#

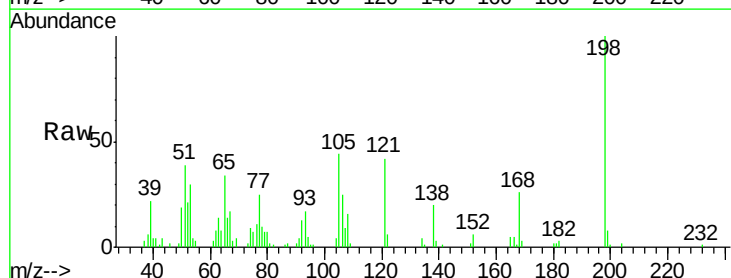


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

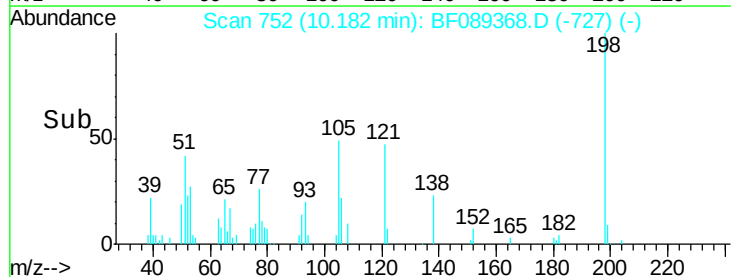
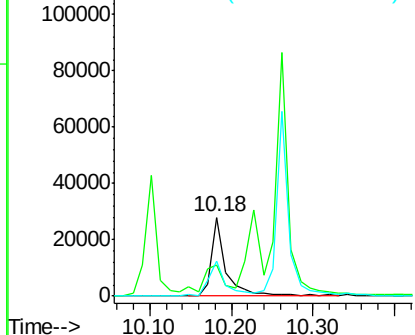


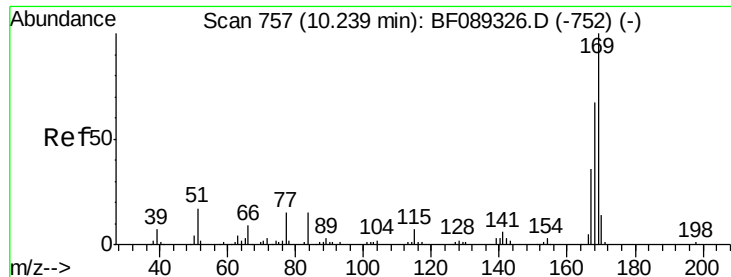
#64
4,6-Dinitro-2-methylphenol
Concen: 36.94 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

Tgt Ion:198 Resp: 35796
Ion Ratio Lower Upper
198 100
51 39.1 23.0 63.0
105 44.2 28.3 68.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.80 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Instrument :

BNA_F

ClientSampleId :

PB92474BS

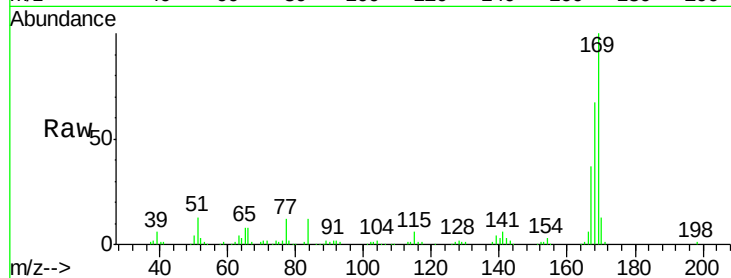
Tgt Ion:169 Resp: 246845

Ion Ratio Lower Upper

169 100

168 67.4 55.4 83.0

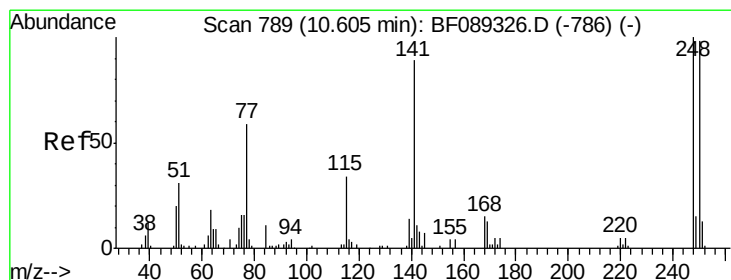
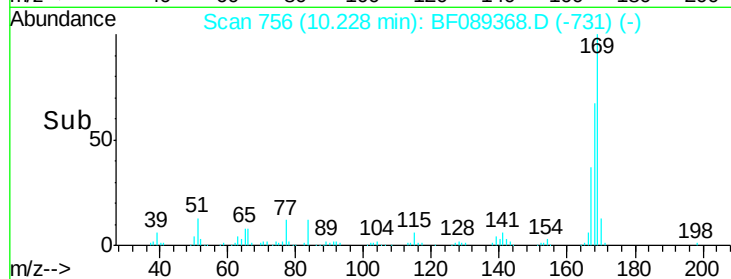
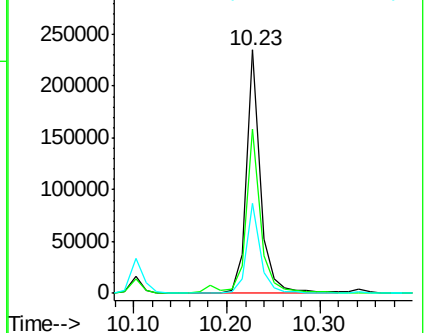
167 37.1 29.7 44.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.99 ng

RT: 10.58 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

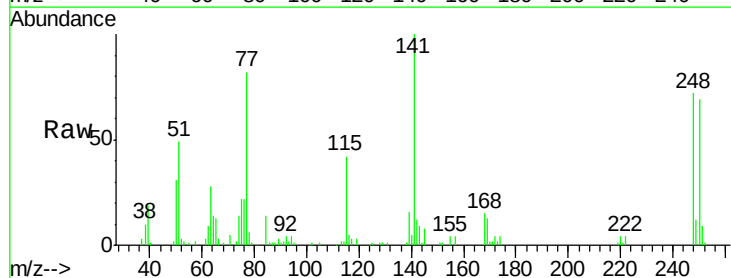
Tgt Ion:248 Resp: 71078

Ion Ratio Lower Upper

248 100

250 95.7 78.2 117.2

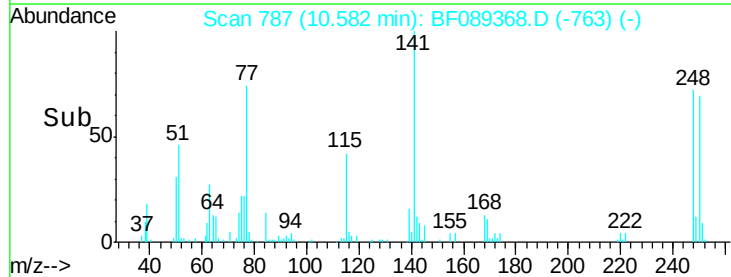
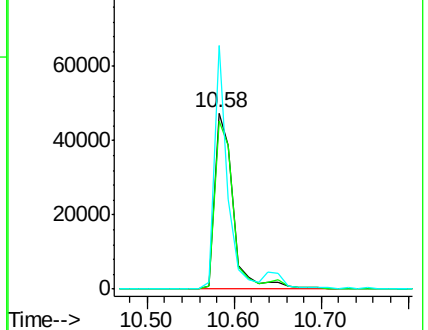
141 138.5 62.0 93.0#

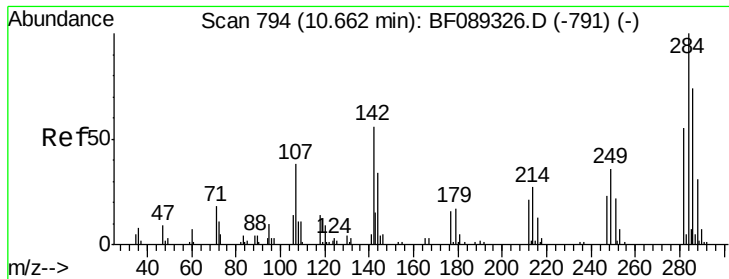


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.54 ng

RT: 10.65 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Instrument :

BNA_F

ClientSampleId :

PB92474BS

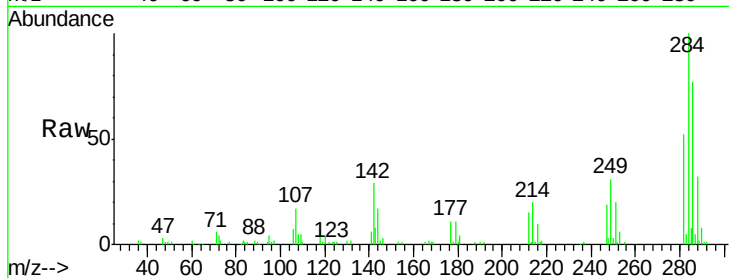
Tgt Ion: 284 Resp: 73742

Ion Ratio Lower Upper

284 100

142 28.7 42.2 63.4#

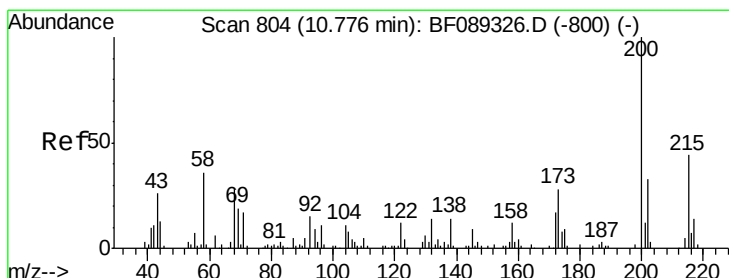
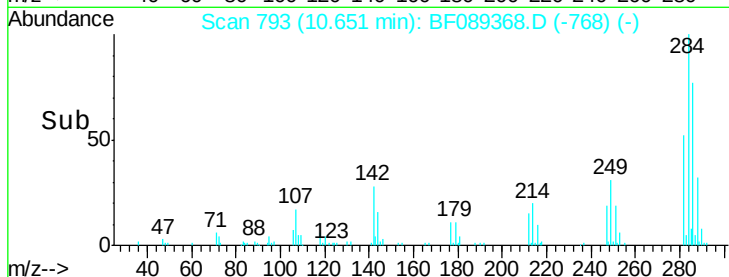
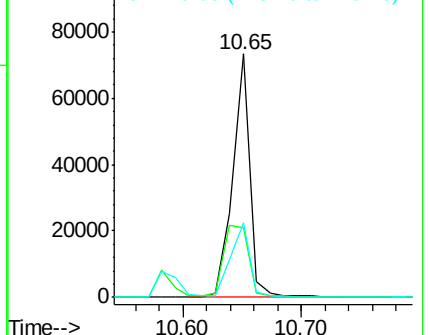
249 30.9 29.4 44.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.41 ng

RT: 10.77 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

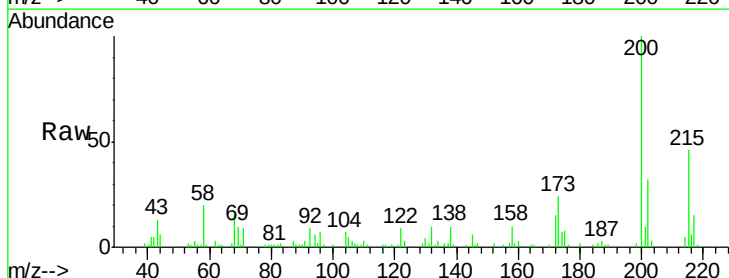
Tgt Ion: 200 Resp: 75201

Ion Ratio Lower Upper

200 100

173 24.4 6.0 46.0

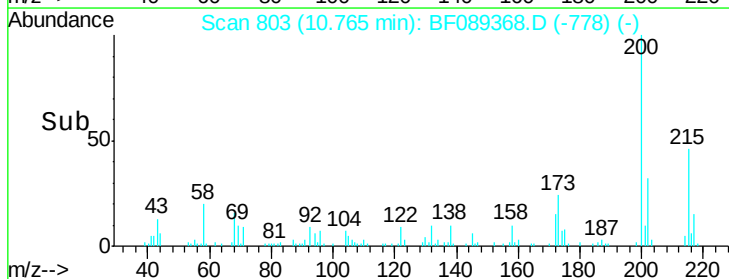
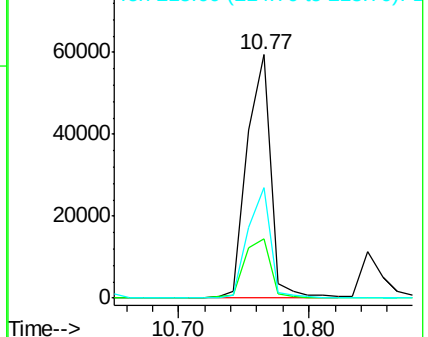
215 45.6 24.3 64.3

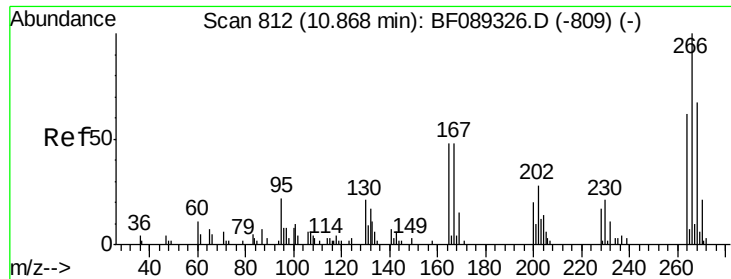


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

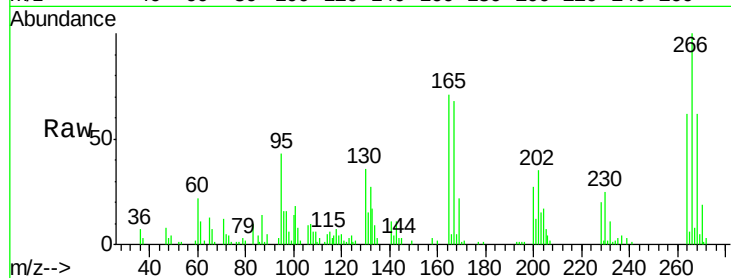




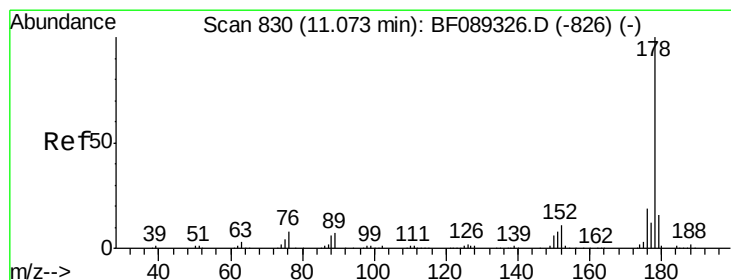
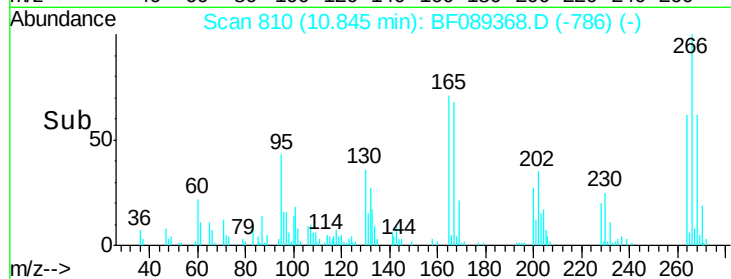
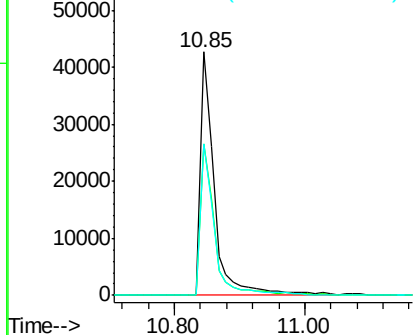
#69
 Pentachlorophenol
 Concen: 79.96 ng
 RT: 10.85 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Instrument :
 BNA_F
 ClientSampled :
 PB92474BS

Tgt Ion:266 Resp: 62727
 Ion Ratio Lower Upper
 266 100
 268 62.1 49.4 74.2
 264 62.1 50.2 75.2

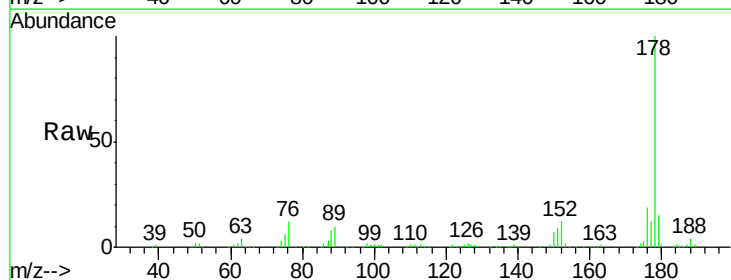


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

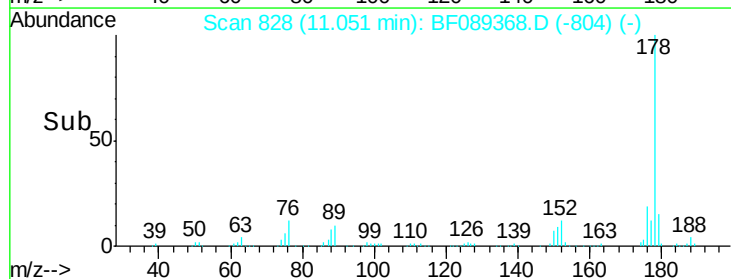
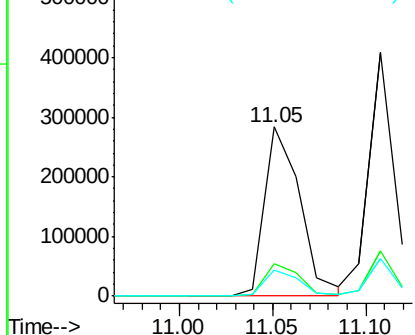


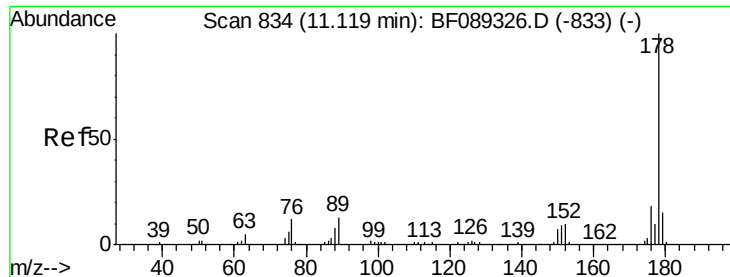
#70
 Phenanthrene
 Concen: 43.58 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Tgt Ion:178 Resp: 371958
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.5 23.3
 179 15.2 12.3 18.5



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

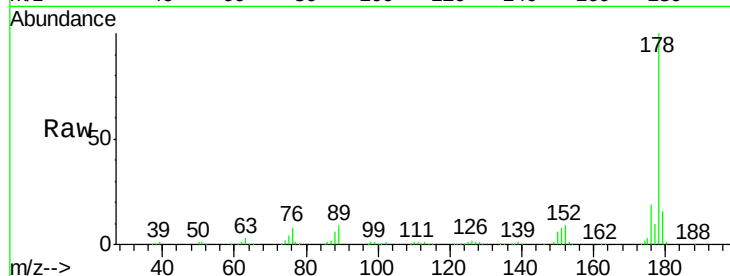




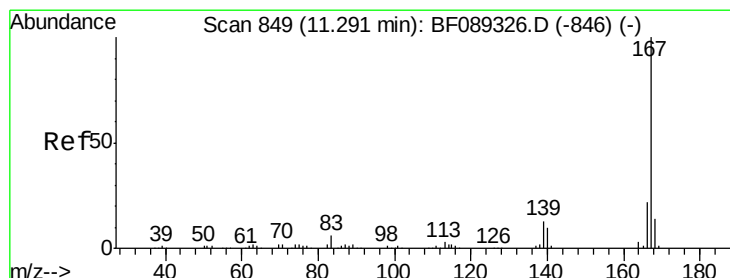
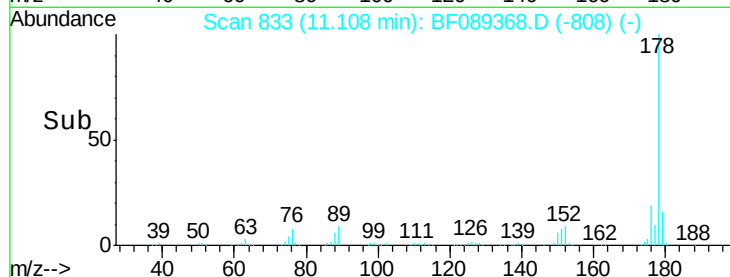
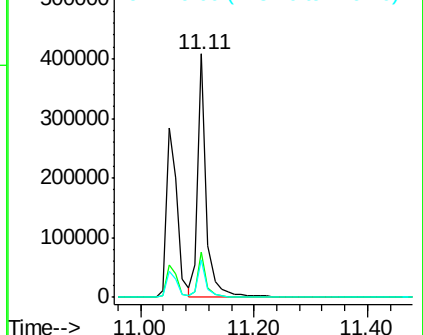
#71
 Anthracene
 Concen: 44.96 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Instrument :
 BNA_F
 ClientSampled :
 PB92474BS

Tgt Ion:178 Resp: 426623
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.8 22.2
 179 15.6 12.6 18.8

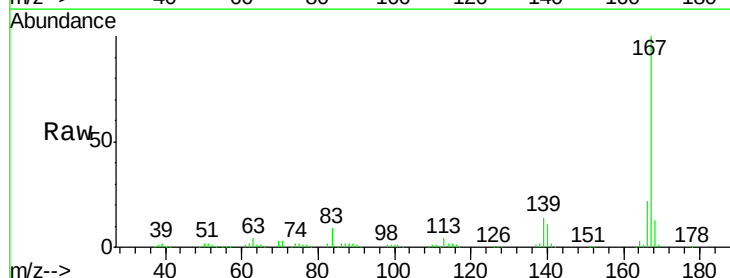


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

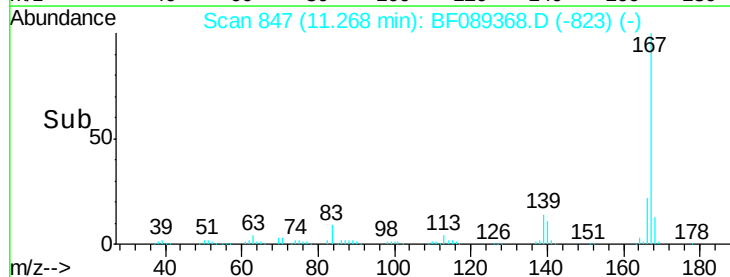
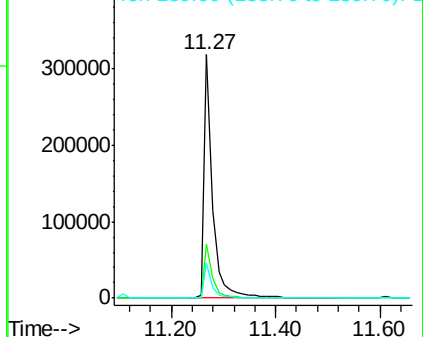


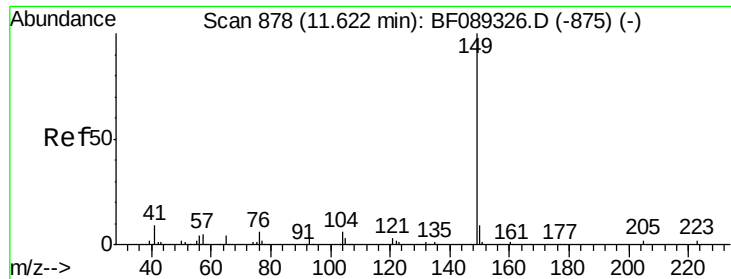
#72
 Carbazole
 Concen: 46.21 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.02 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Tgt Ion:167 Resp: 369162
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.1 10.1 15.1



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





#73

Di-n-butylphthalate

Concen: 45.21 ng

RT: 11.61 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Instrument :

BNA_F

ClientSampleId :

PB92474BS

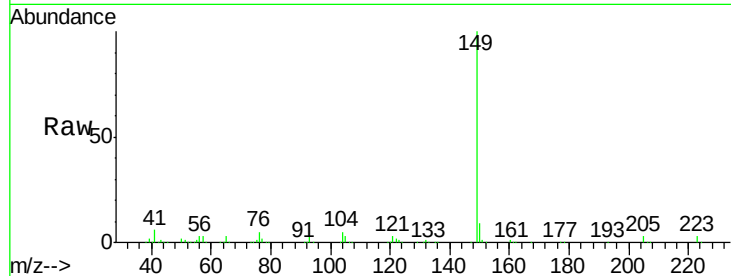
Tgt Ion:149 Resp: 484548

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

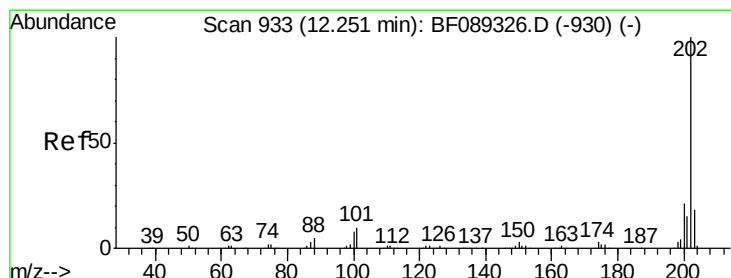
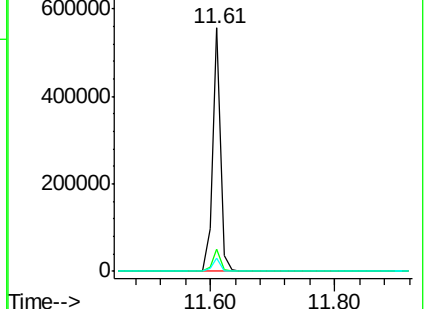
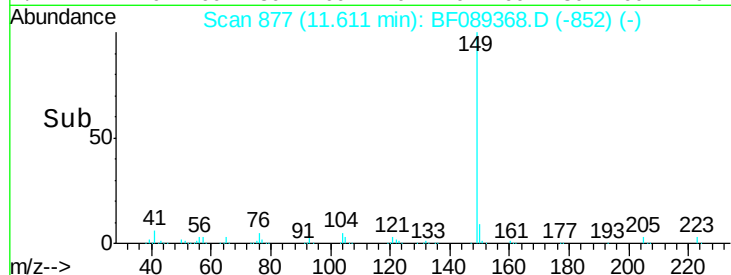
104 5.4 4.7 7.1



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: 42.06 ng

RT: 12.23 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

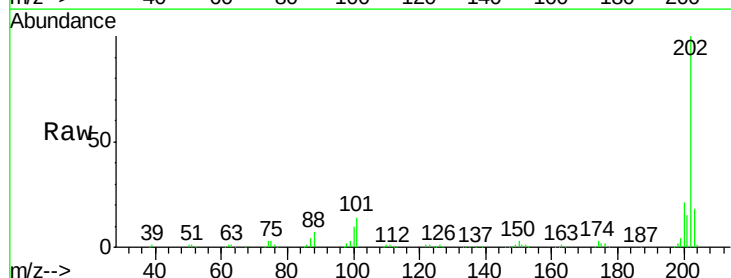
Tgt Ion:202 Resp: 377655

Ion Ratio Lower Upper

202 100

101 13.8 0.0 29.9

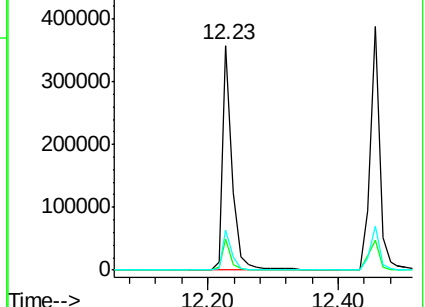
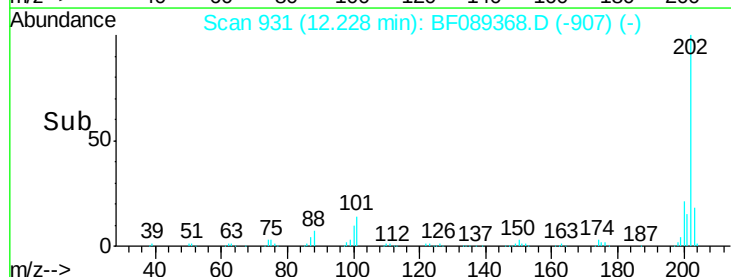
203 17.7 0.0 37.3

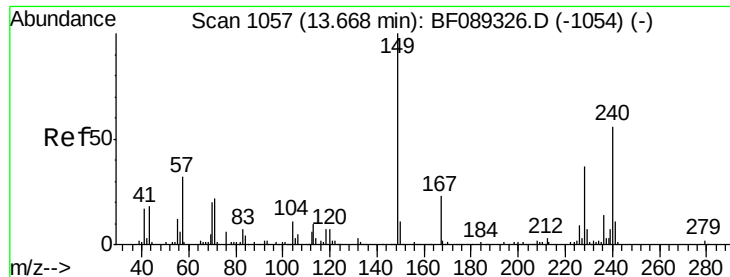


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Instrument :

BNA_F

ClientSampleId :

PB92474BS

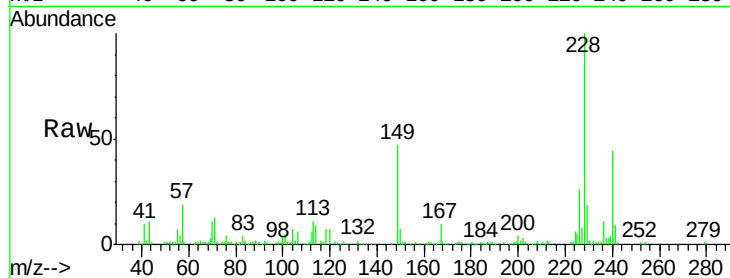
Tgt Ion:240 Resp: 99478

Ion Ratio Lower Upper

240 100

120 16.5 9.1 13.7#

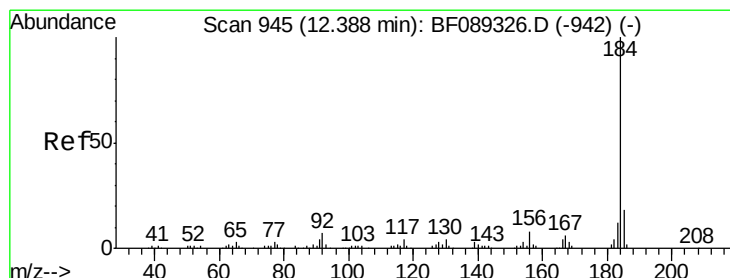
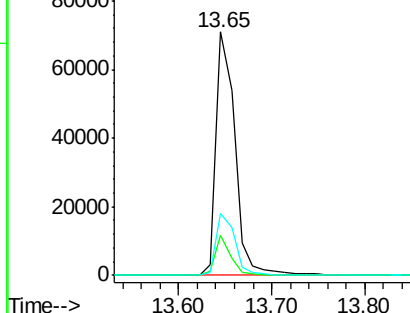
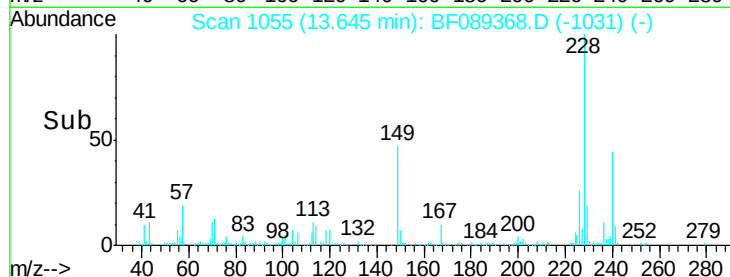
236 25.3 20.6 30.8



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: 37.56 ng

RT: 12.37 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

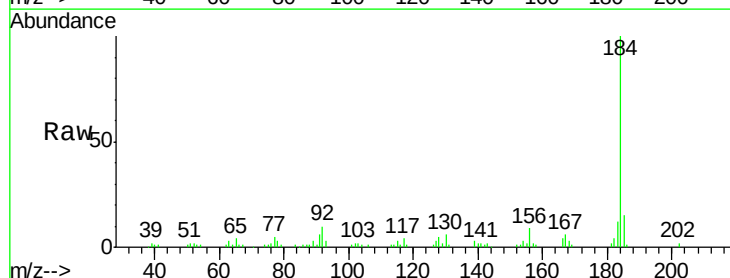
Tgt Ion:184 Resp: 138073

Ion Ratio Lower Upper

184 100

185 14.6 13.5 20.3

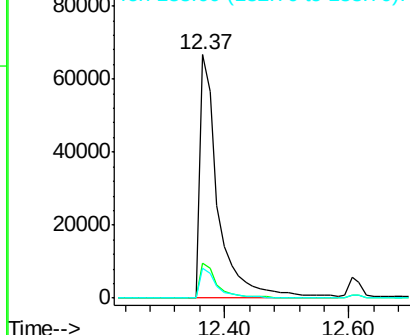
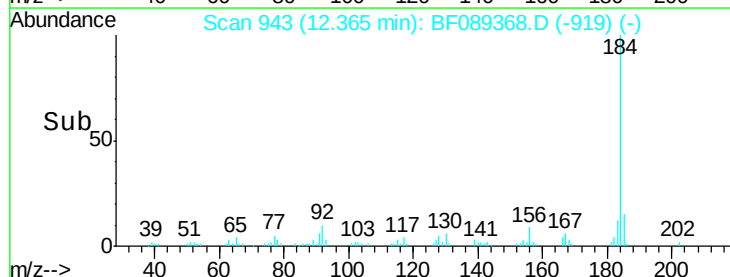
183 12.1 9.8 14.6

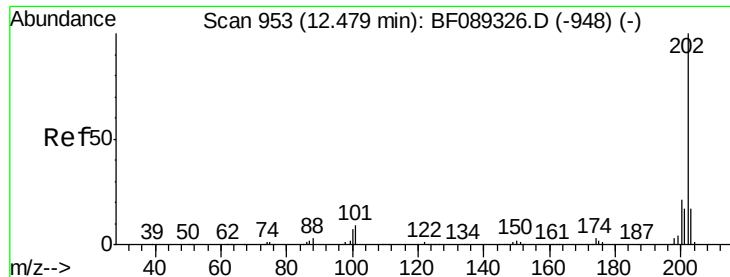


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

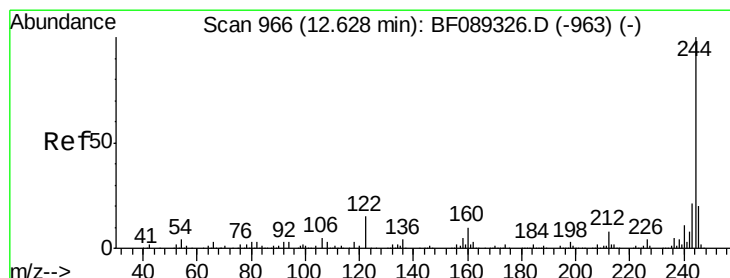
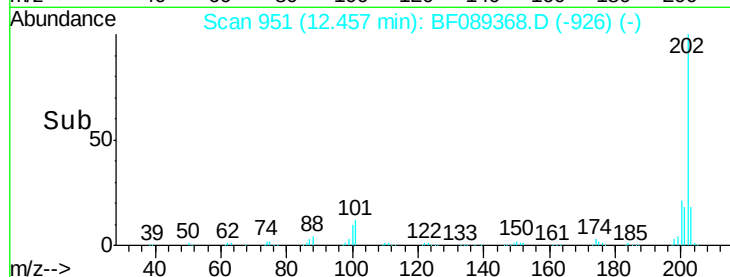
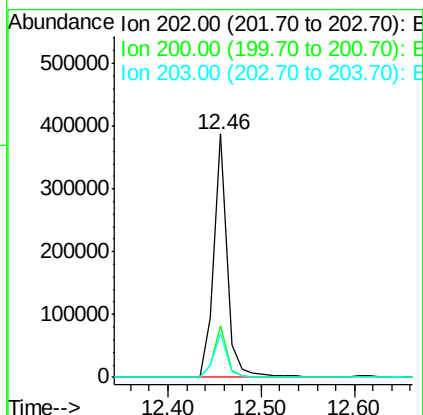
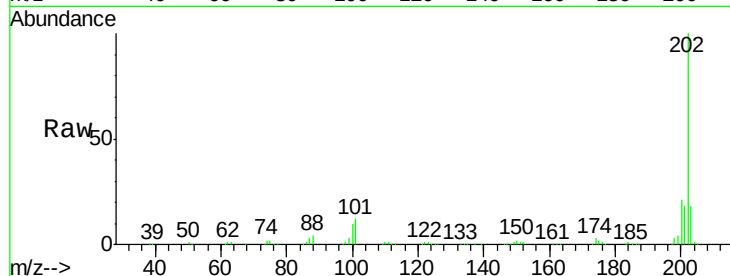




#77
Pyrene
 Concen: 51.18 ng
 RT: 12.46 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

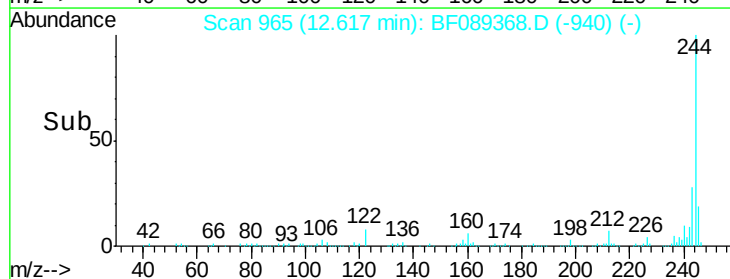
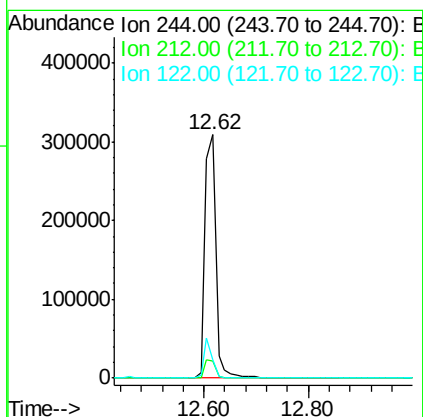
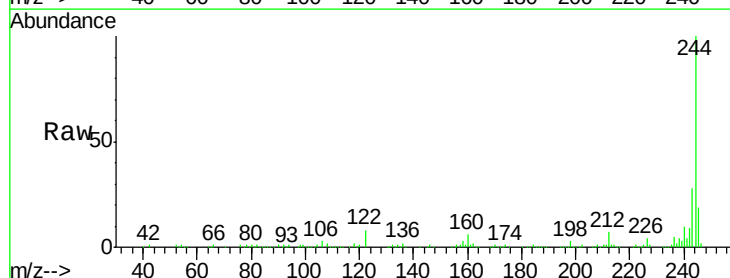
Instrument :
 BNA_F
 ClientSampleId :
 PB92474BS

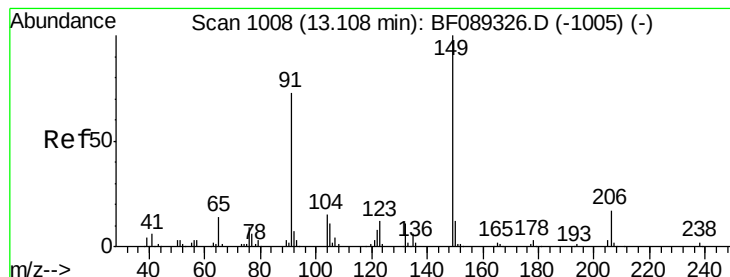
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.9	14.0	21.0



#78
Terphenyl-d14
 Concen: 106.55 ng
 RT: 12.62 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	7.6	11.4	17.0





#79

Butylbenzylphthalate

Concen: 51.41 ng

RT: 13.09 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Instrument :

BNA_F

ClientSampleId :

PB92474BS

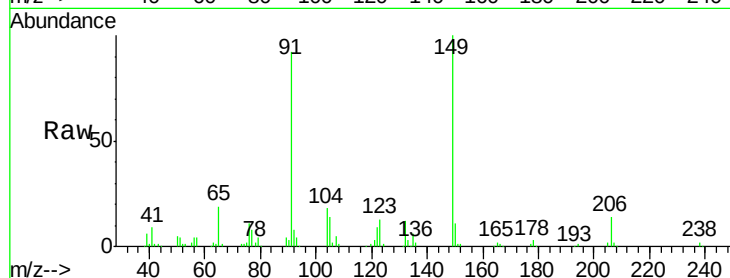
Tgt Ion:149 Resp: 176217

Ion Ratio Lower Upper

149 100

91 92.3 58.5 87.7#

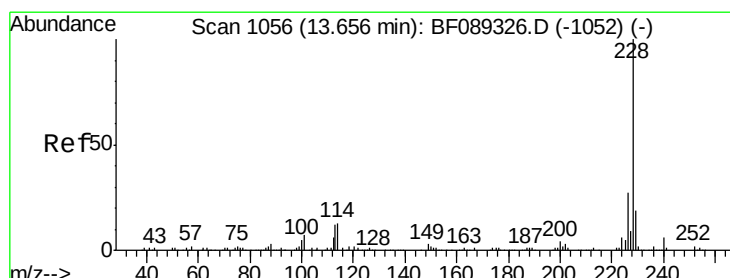
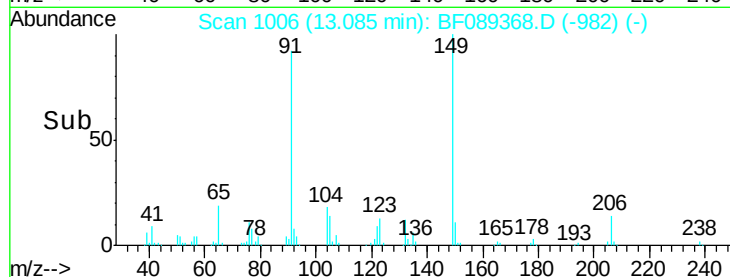
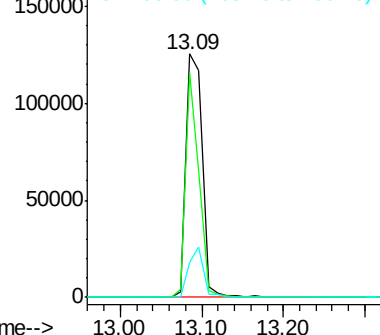
206 14.1 13.8 20.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.86 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

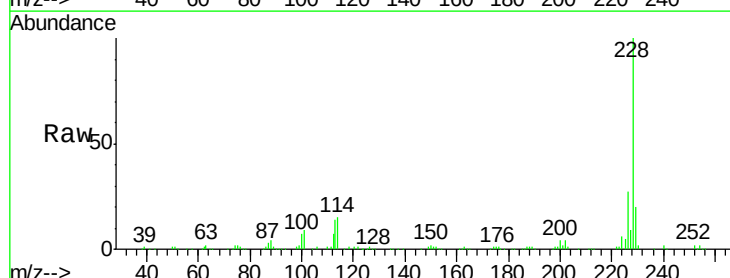
Tgt Ion:228 Resp: 263080

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.2

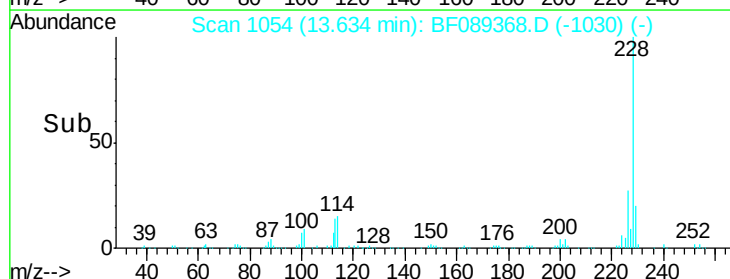
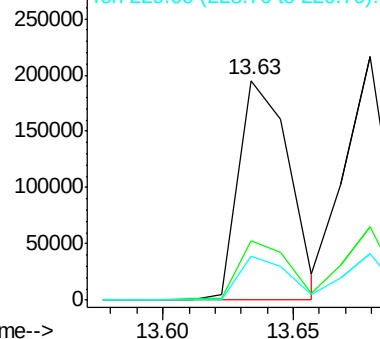
229 19.9 15.9 23.9

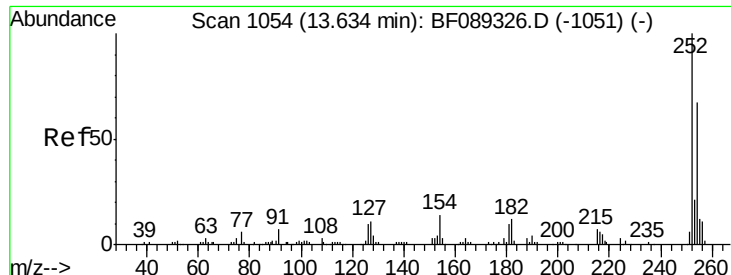


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

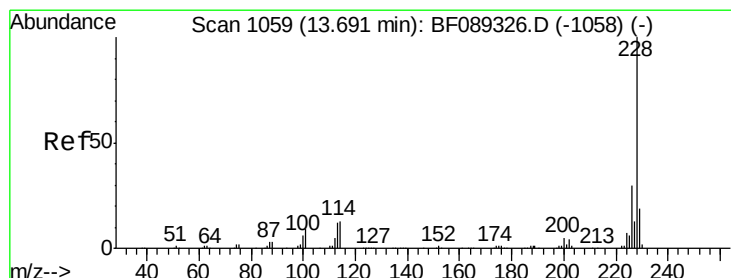
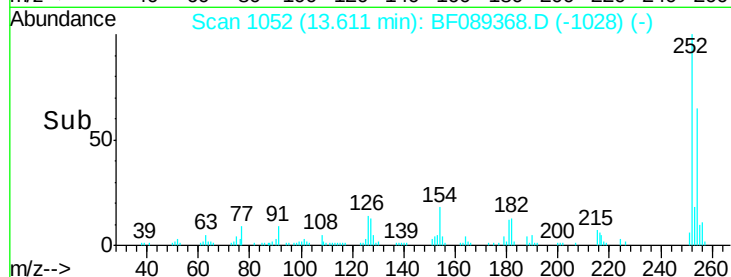
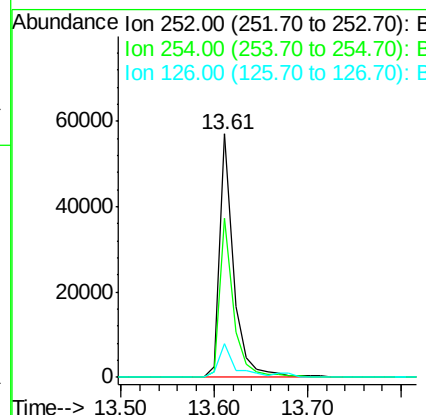
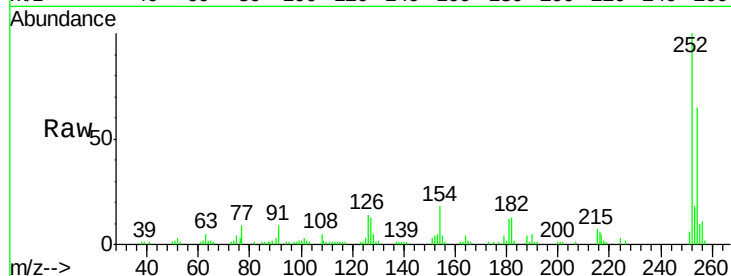




#81
 3,3'-Dichlorobenzidine
 Concen: 29.48 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

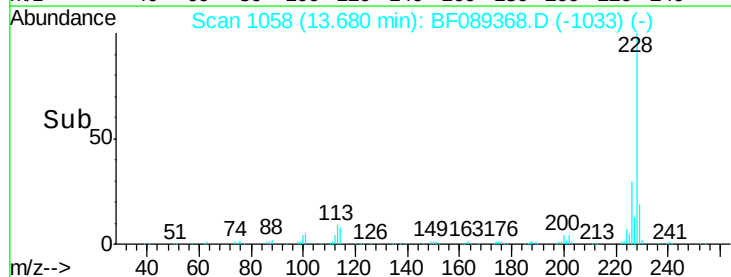
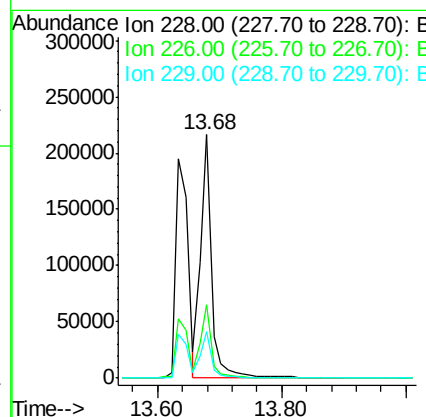
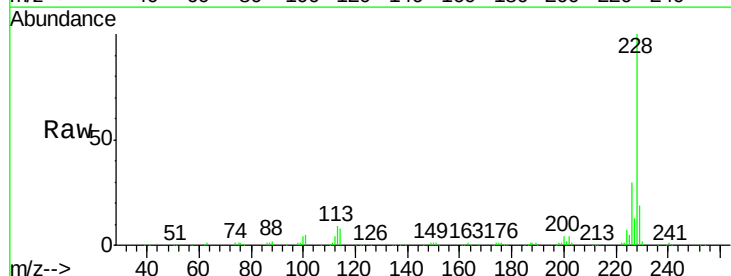
Instrument :
 BNA_F
 ClientSampleId :
 PB92474BS

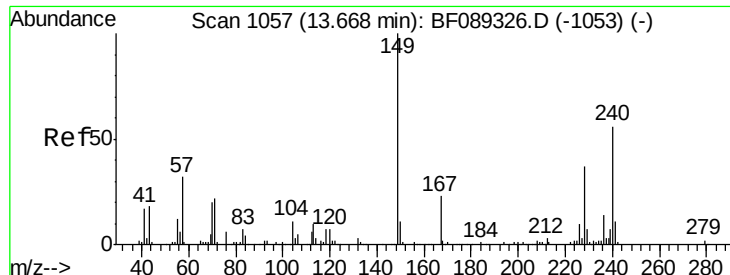
Tgt Ion:252 Resp: 59557
 Ion Ratio Lower Upper
 252 100
 254 65.4 52.5 78.7
 126 13.8 7.4 11.2#



#82
 Chrysene
 Concen: 45.20 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Tgt Ion:228 Resp: 270095
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.2 36.2
 229 19.2 15.9 23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.99 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Instrument :

BNA_F

ClientSampleId :

PB92474BS

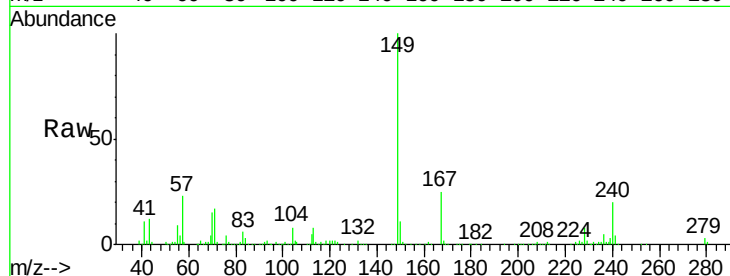
Tgt Ion:149 Resp: 257621

Ion Ratio Lower Upper

149 100

167 25.0 18.8 28.2

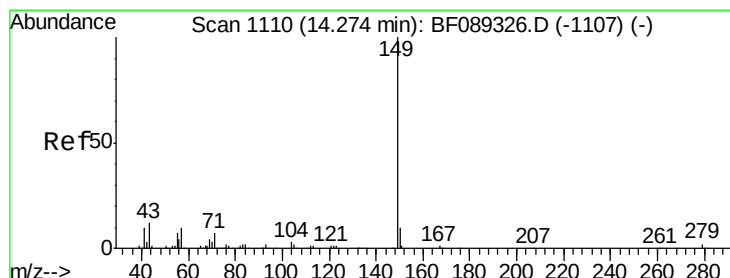
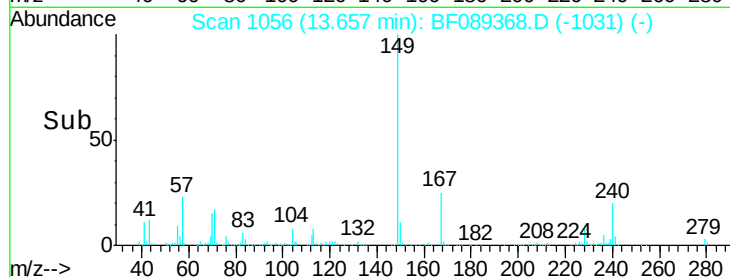
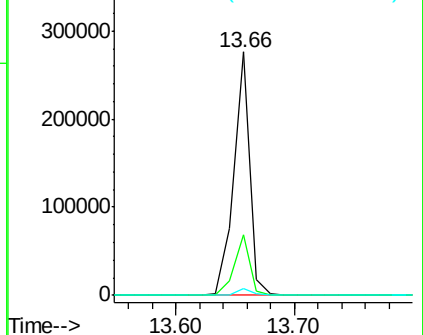
279 2.8 1.4 2.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.38 ng

RT: 14.26 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

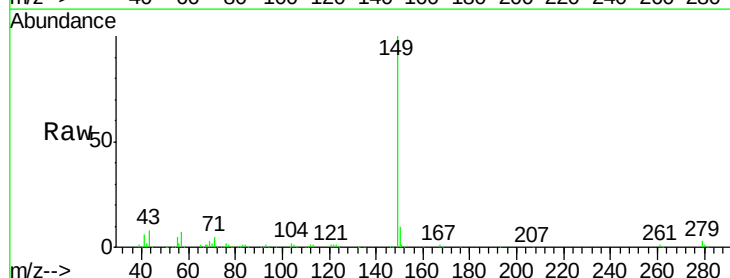
Tgt Ion:149 Resp: 374094

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

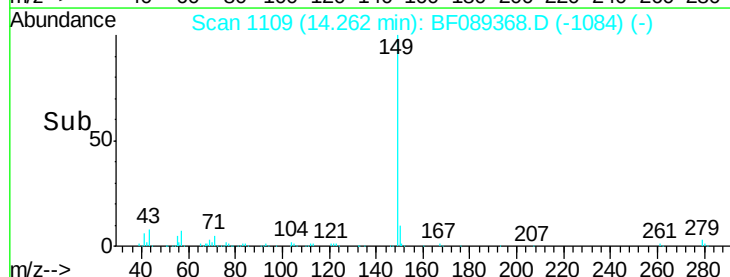
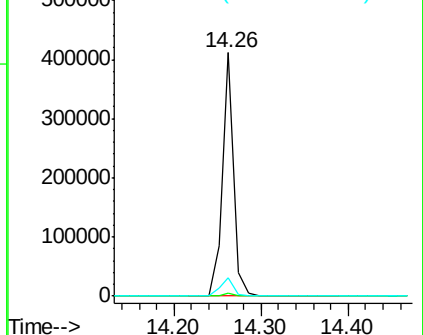
43 8.8 7.3 10.9

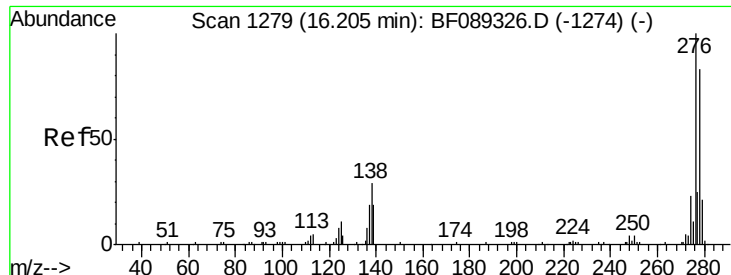


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

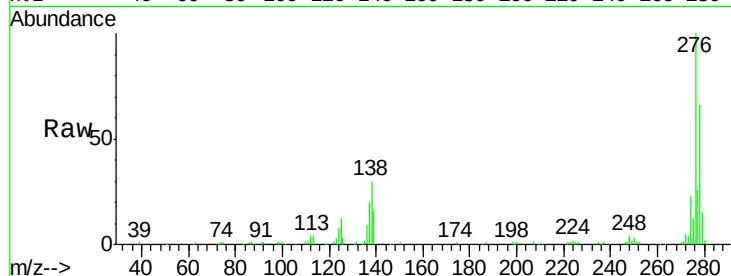




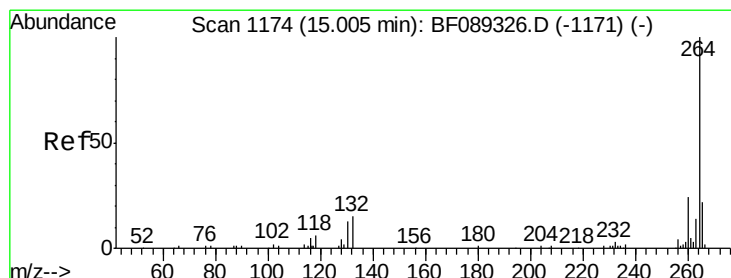
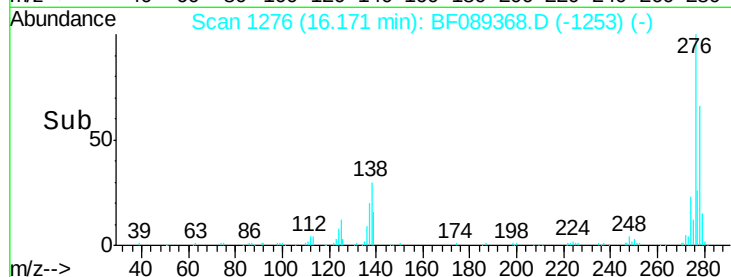
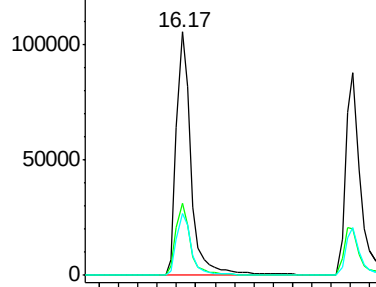
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.45 ng
 RT: 16.17 min Scan# 1276
 Delta R.T. -0.03 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Instrument :
 BNA_F
 ClientSampled :
 PB92474BS

Tgt Ion: 276 Resp: 227084
 Ion Ratio Lower Upper
 276 100
 138 29.2 23.0 34.4
 277 25.7 20.2 30.4

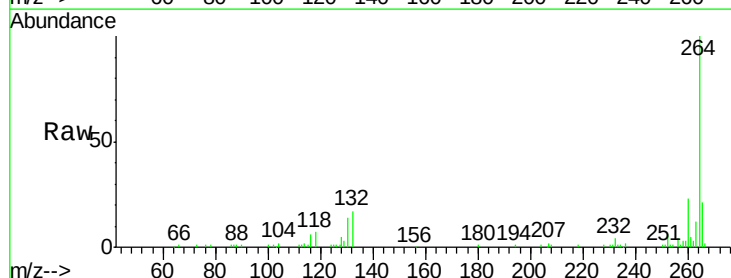


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

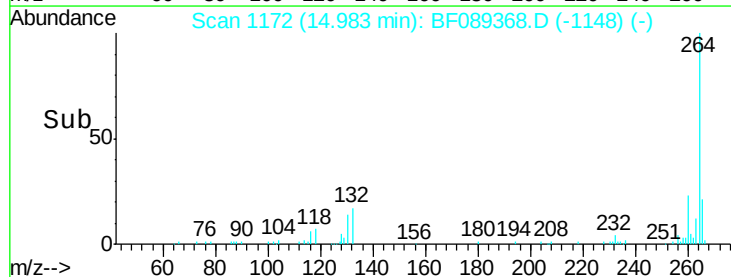
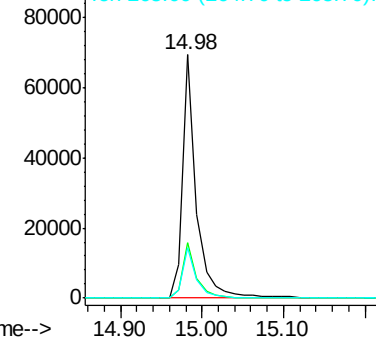


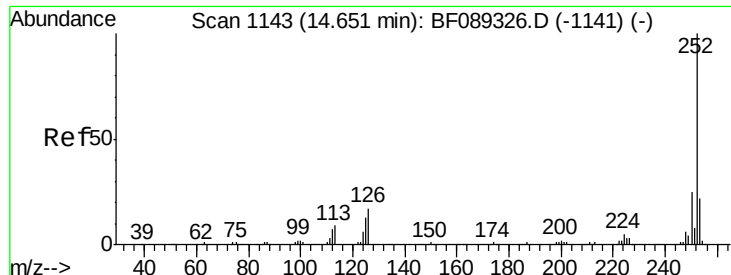
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF089368.D
 Acq: 28 Jul 2016 17:52

Tgt Ion: 264 Resp: 82843
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.4
 265 20.6 17.5 26.3



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

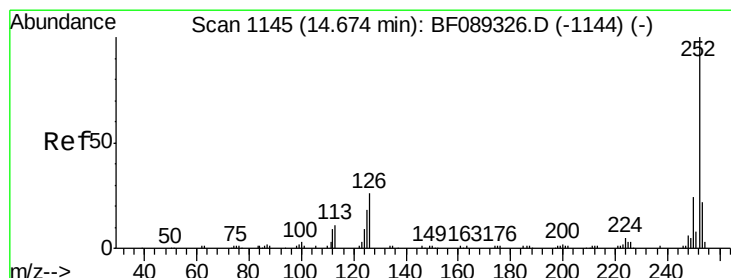
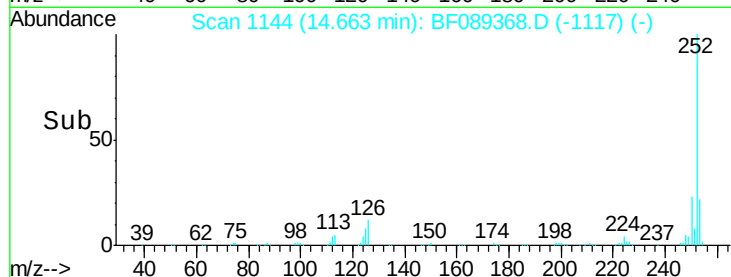
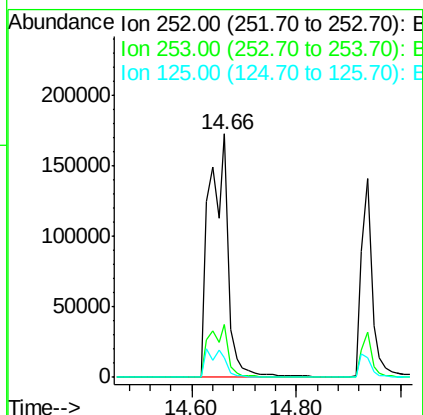
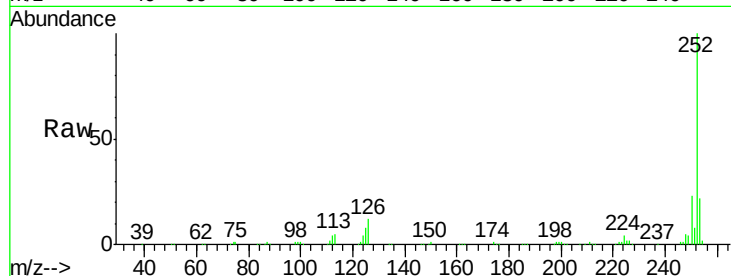




#87
Benzo(b)fluoranthene
Concen: 84.89 ng
RT: 14.66 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

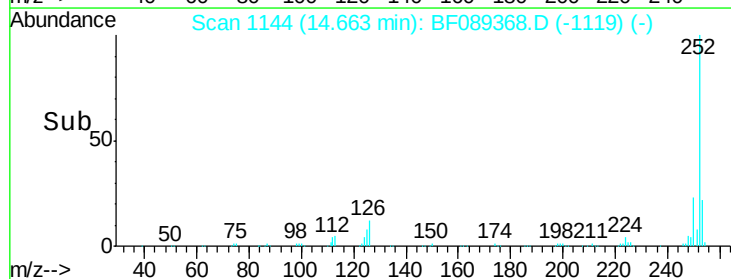
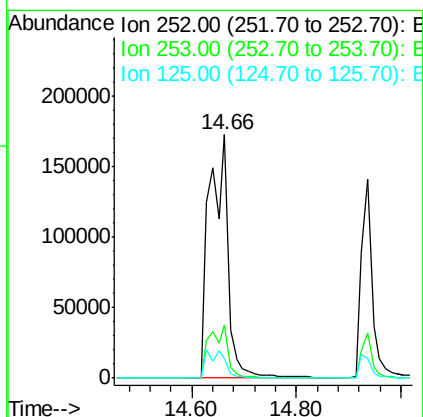
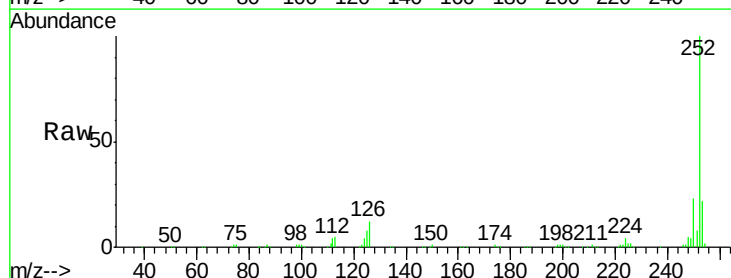
Instrument :
BNA_F
ClientSampleId :
PB92474BS

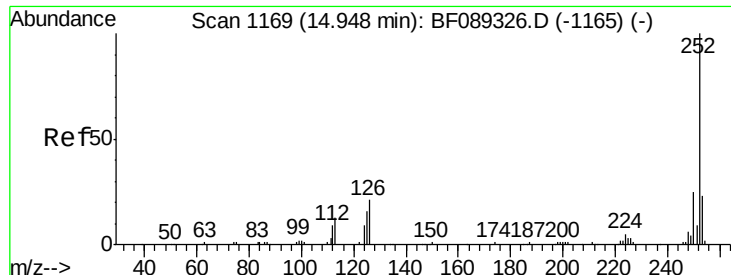
Tgt Ion:252 Resp: 436753
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 8.1 9.7 14.5#



#88
Benzo(k)fluoranthene
Concen: 92.34 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

Tgt Ion:252 Resp: 436753
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 8.1 10.7 16.1#

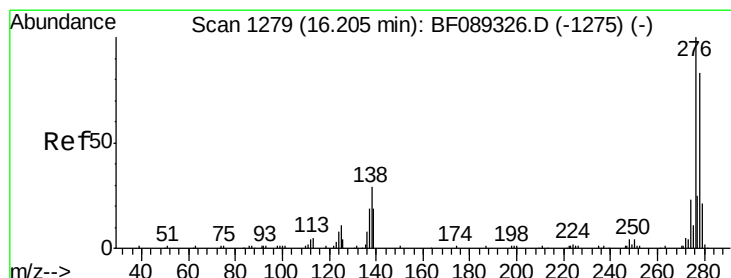
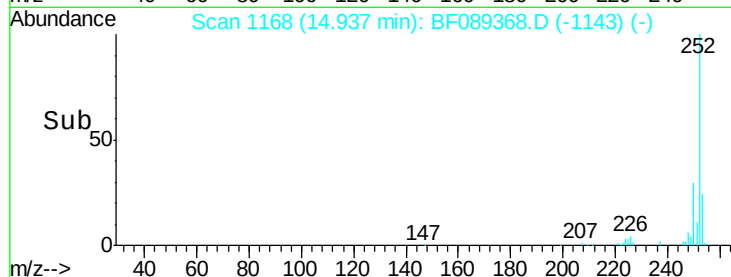
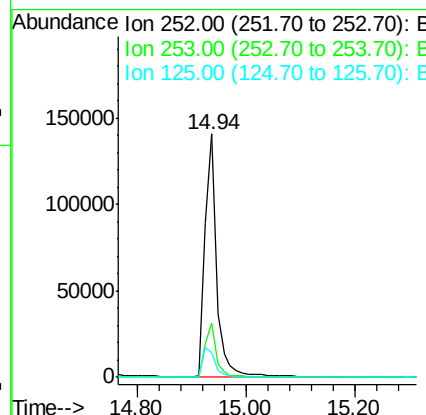
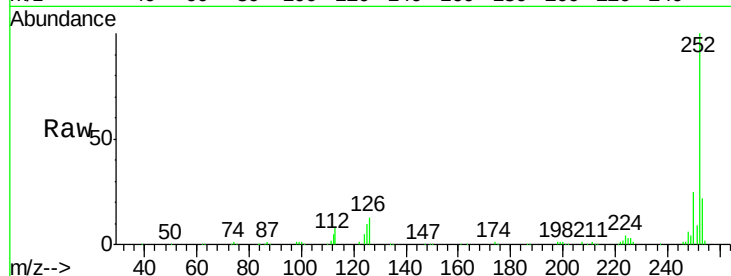




#89
Benzo(a)pyrene
Concen: 44.78 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

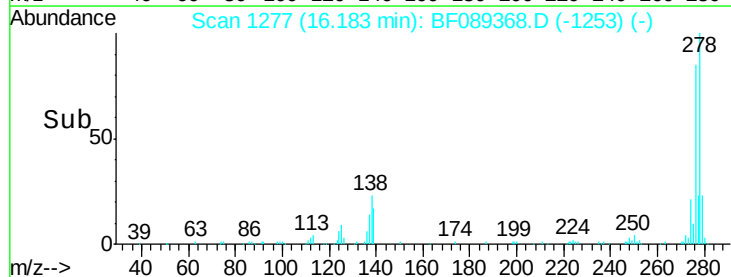
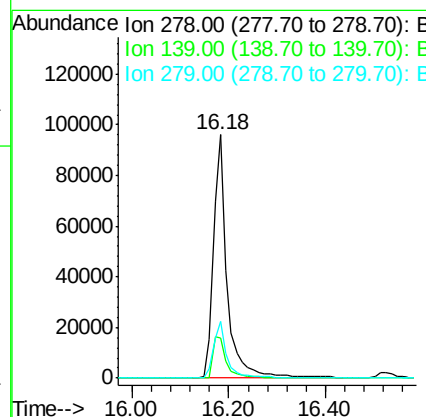
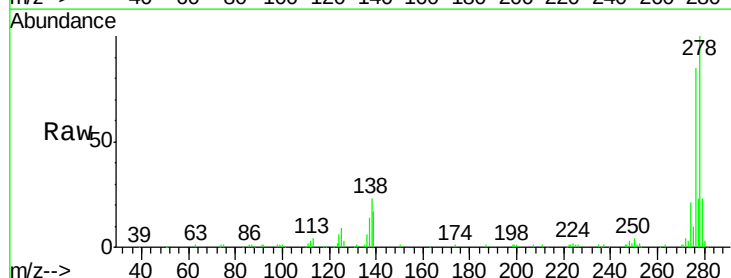
Instrument :
BNA_F
ClientSampleId :
PB92474BS

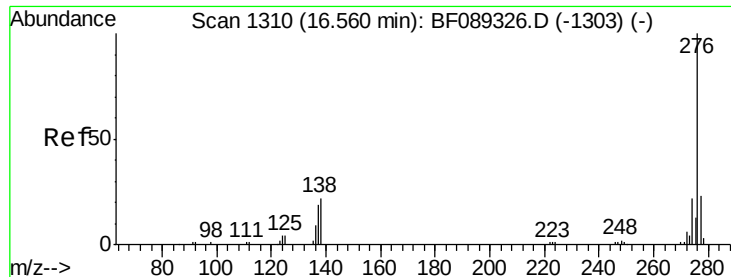
Tgt Ion: 252 Resp: 206646
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 10.1 12.4 18.6#



#90
Dibenzo(a,h)anthracene
Concen: 52.88 ng
RT: 16.18 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF089368.D
Acq: 28 Jul 2016 17:52

Tgt Ion: 278 Resp: 192267
Ion Ratio Lower Upper
278 100
139 16.5 16.3 24.5
279 23.3 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 53.90 ng

RT: 16.53 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF089368.D

Acq: 28 Jul 2016 17:52

Instrument :

BNA_F

ClientSampleId :

PB92474BS

Tgt Ion: 276 Resp: 192639

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 23.2 21.4 32.0

