

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089401.D
 Acq On : 29 Jul 2016 9:49
 Operator : UM/SJ
 Sample : H4186-25MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

Quant Time: Jul 29 15:22:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	45874	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	187149	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	76226	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	124702	20.00	ng	-0.02
75) Chrysene-d12	13.64	240	79884	20.00	ng	-0.02
86) Perylene-d12	14.98	264	82527	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	340326	118.46	ng	0.01
7) Phenol-d6	6.19	99	409975	107.98	ng	-0.01
23) Nitrobenzene-d5	7.11	82	302934	95.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.35	330	76882	121.78	ng	-0.01
44) 2-Fluorobiphenyl	8.89	172	496254	95.54	ng	-0.02
78) Terphenyl-d14	12.60	244	311167	91.17	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	48072	36.63	ng	# 86
3) Pyridine	2.68	79	69518m	24.73	ng	
4) n-Nitrosodimethylamine	2.62	42	50557	44.38	ng	91
6) Aniline	6.20	93	60256	14.70	ng	# 1
8) 2-Chlorophenol	6.32	128	143174	44.06	ng	99
9) Benzaldehyde	6.07	77	49786	26.85	ng	93
10) Phenol	6.20	94	159540	38.08	ng	96
11) bis(2-Chloroethyl)ether	6.27	93	154754	43.47	ng	92
12) 1,3-Dichlorobenzene	6.47	146	123045m	36.20	ng	
13) 1,4-Dichlorobenzene	6.55	146	136191	36.30	ng	94
14) 1,2-Dichlorobenzene	6.70	146	142149	40.45	ng	96
15) Benzyl Alcohol	6.68	79	123212	52.29	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.82	45	159972	41.20	ng	100
17) 2-Methylphenol	6.82	107	106097	42.24	ng	# 87
18) Hexachloroethane	7.03	117	47319	32.90	ng	93
19) n-Nitroso-di-n-propylamine	6.96	70	106431	46.49	ng	# 88
20) 3+4-Methylphenols	6.97	107	145158	45.00	ng	91
22) Acetophenone	6.95	105	192419	43.19	ng	96
24) Nitrobenzene	7.12	77	146676	40.65	ng	90
25) Isophorone	7.36	82	291613	45.66	ng	96
26) 2-Nitrophenol	7.44	139	73874	45.79	ng	92
27) 2,4-Dimethylphenol	7.50	122	125296	48.75	ng	99
28) bis(2-Chloroethoxy)methane	7.59	93	189569	53.62	ng	98
29) 2,4-Dichlorophenol	7.69	162	119021	50.82	ng	97
30) 1,2,4-Trichlorobenzene	7.76	180	117826	44.09	ng	97
31) Naphthalene	7.84	128	429128	46.30	ng	100
32) Benzoic acid	7.66	122	61351	34.26	ng	99
33) 4-Chloroaniline	7.91	127	26059	7.39	ng	# 95
34) Hexachlorobutadiene	7.95	225	61063	39.90	ng	99
35) Caprolactam	8.27	113	28331	40.08	ng	97
36) 4-Chloro-3-methylphenol	8.40	107	121753	43.74	ng	95
37) 2-Methylnaphthalene	8.52	142	260672	46.68	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	107407	40.26	ng	98
40) Hexachlorocyclopentadiene	8.68	237	27093	40.58	ng	98

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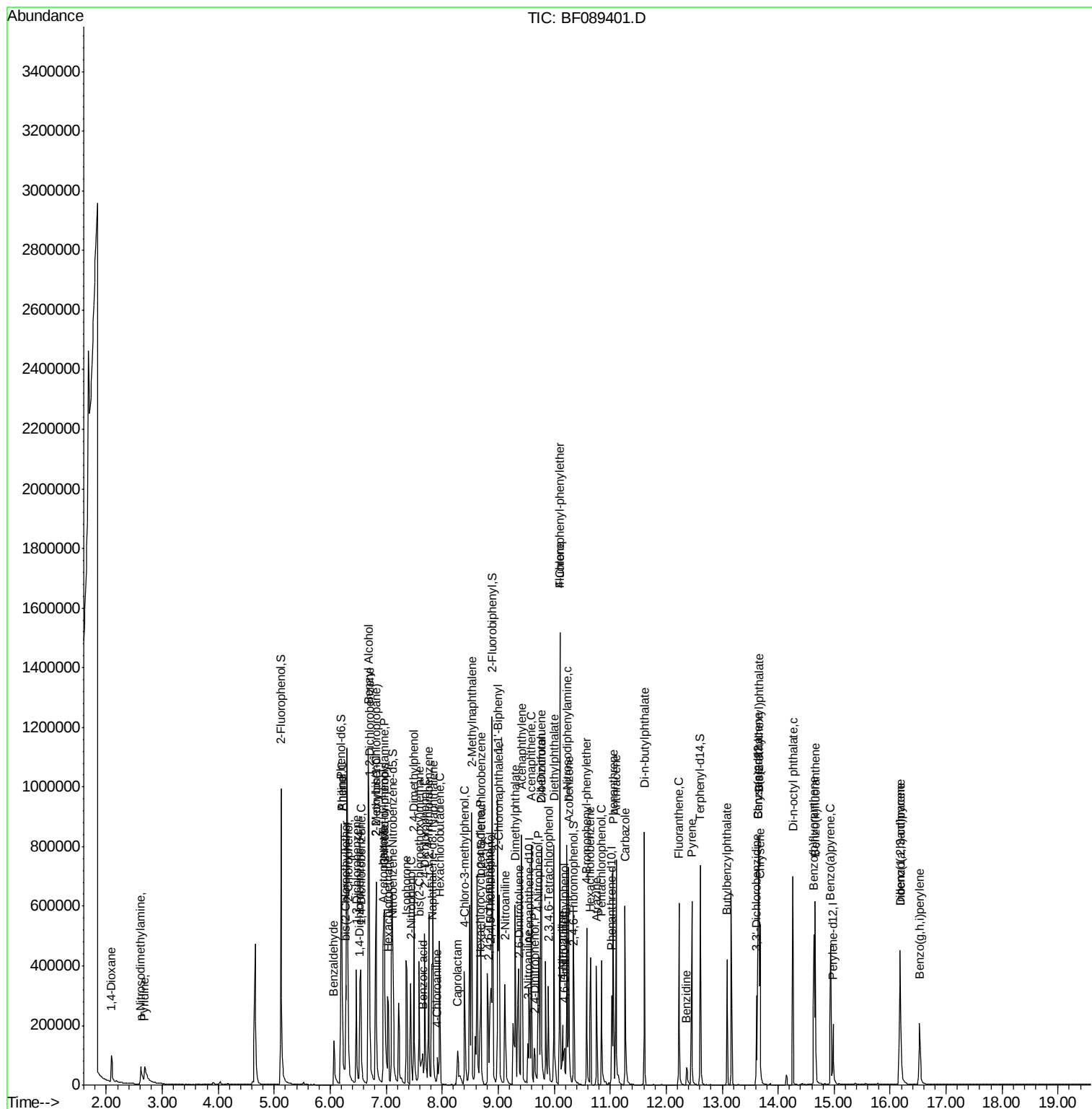
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	67756	53.43	ng	97
43) 2,4,5-Trichlorophenol	8.87	196	79068	49.22	ng	96
45) 1,1'-Biphenyl	8.99	154	308027	47.46	ng	96
46) 2-Chloronaphthalene	9.02	162	252969	51.90	ng	93
47) 2-Nitroaniline	9.12	65	77030	53.37	ng	# 78
48) Acenaphthylene	9.42	152	357568	46.57	ng	99
49) Dimethylphthalate	9.30	163	285069	49.14	ng	98
50) 2,6-Dinitrotoluene	9.37	165	57417	48.17	ng	# 81
51) Acenaphthene	9.59	154	206876	46.14	ng	99
52) 3-Nitroaniline	9.53	138	33643	26.75	ng	81
53) 2,4-Dinitrophenol	9.66	184	30324	62.47	ng	92
54) Dibenzofuran	9.77	168	313527	51.32	ng	92
55) 4-Nitrophenol	9.72	139	50297m	81.94	ng	
56) 2,4-Dinitrotoluene	9.77	165	77793	49.57	ng	# 77
57) Fluorene	10.10	166	238881	44.79	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.90	232	57685	53.78	ng	98
59) Diethylphthalate	10.00	149	298057	50.68	ng	98
60) 4-Chlorophenyl-phenylether	10.10	204	118819	48.57	ng	# 86
61) 4-Nitroaniline	10.15	138	49171	37.92	ng	87
62) Azobenzene	10.26	77	314936	52.00	ng	91
64) 4,6-Dinitro-2-methylphenol	10.18	198	20581	29.21	ng	91
65) n-Nitrosodiphenylamine	10.23	169	228114	58.63	ng	99
66) 4-Bromophenyl-phenylether	10.58	248	62847	52.79	ng	# 72
67) Hexachlorobenzene	10.65	284	62409	51.15	ng	# 77
68) Atrazine	10.75	200	55775	46.66	ng	96
69) Pentachlorophenol	10.84	266	55192	92.35	ng	98
70) Phenanthrene	11.05	178	301275	46.84	ng	100
71) Anthracene	11.11	178	340531	47.62	ng	99
72) Carbazole	11.27	167	280567	46.61	ng	99
73) Di-n-butylphthalate	11.61	149	425706	52.71	ng	99
74) Fluoranthene	12.23	202	270075	39.92	ng	96
76) Benzidine	12.36	184	47322	16.03	ng	97
77) Pyrene	12.46	202	280846	46.39	ng	99
79) Butylbenzylphthalate	13.08	149	129073	46.89	ng	# 82
80) Benzo(a)anthracene	13.64	228	229200	50.84	ng	98
81) 3,3'-Dichlorobenzidine	13.61	252	64765	39.92	ng	# 96
82) Chrysene	13.68	228	247624	51.60	ng	100
83) Bis(2-ethylhexyl)phthalate	13.66	149	192983	48.50	ng	# 97
84) Di-n-octyl phthalate	14.26	149	326516	52.59	ng	99
85) Indeno(1,2,3-cd)pyrene	16.18	276	203643	59.69	ng	99
87) Benzo(b)fluoranthene	14.64	252	254421m	49.64	ng	
88) Benzo(k)fluoranthene	14.66	252	220036m	46.70	ng	
89) Benzo(a)pyrene	14.94	252	221370	48.15	ng	# 96
90) Dibenzo(a,h)anthracene	16.18	278	176082	48.62	ng	98
91) Benzo(g,h,i)perylene	16.53	276	157383	44.21	ng	99

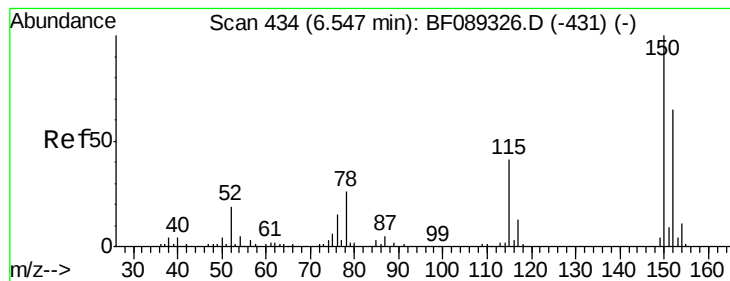
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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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: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampled :

I-2MS

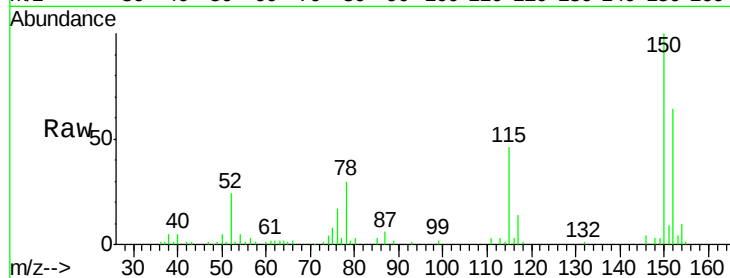
Tgt Ion:152 Resp: 45874

Ion Ratio Lower Upper

152 100

150 155.5 129.5 194.3

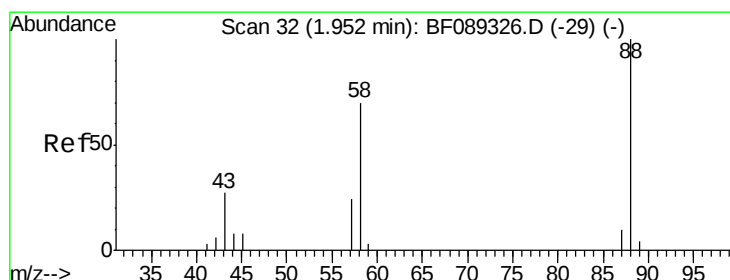
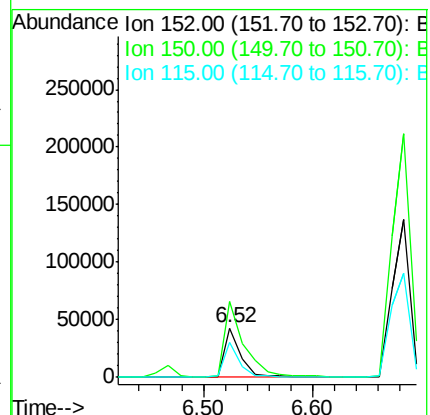
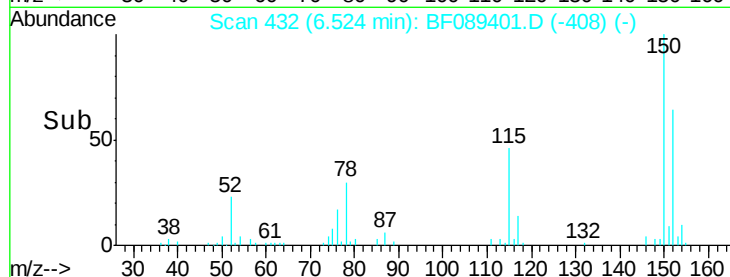
115 70.8 51.4 77.2



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: 36.63 ng

RT: 2.09 min Scan# 44

Delta R.T. 0.14 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

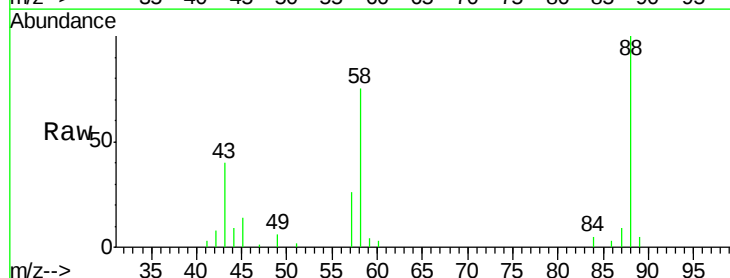
Tgt Ion: 88 Resp: 48072

Ion Ratio Lower Upper

88 100

58 66.4 53.2 79.8

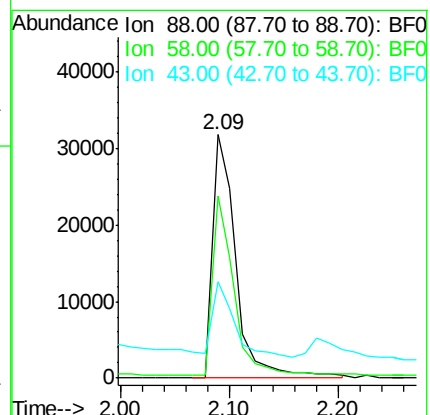
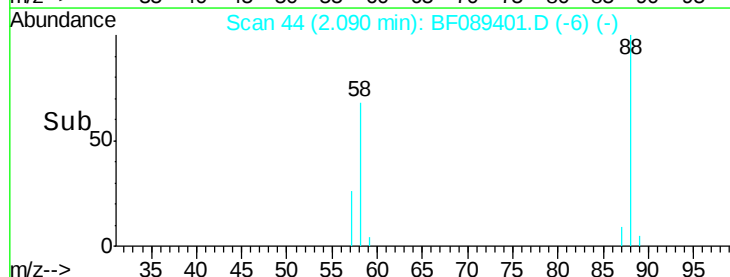
43 0.0 20.6 31.0#

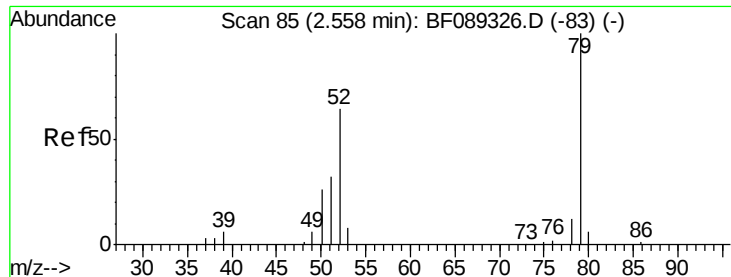


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 24.73 ng m

RT: 2.68 min Scan# 96

Delta R.T. 0.11 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

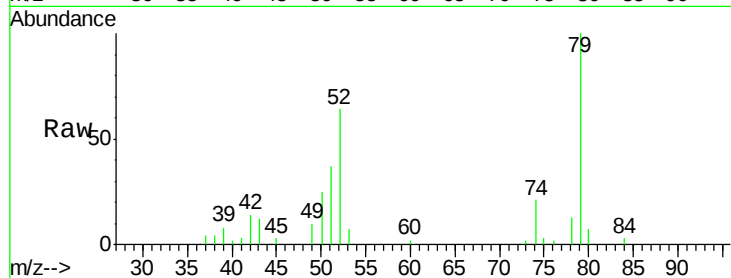
Tgt Ion: 79 Resp: 69518

Ion Ratio Lower Upper

79 100

52 63.6 51.9 77.9

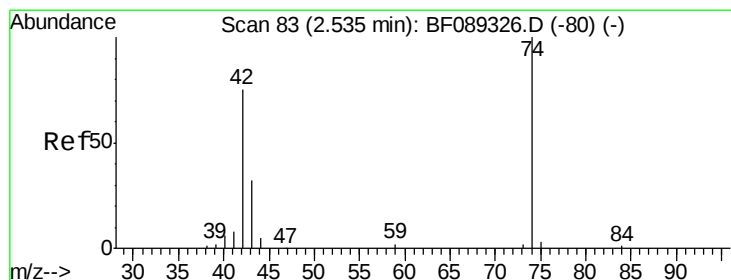
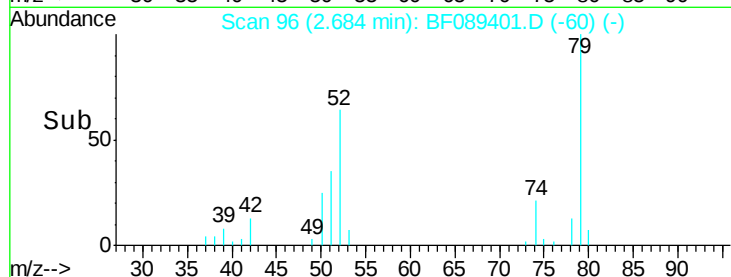
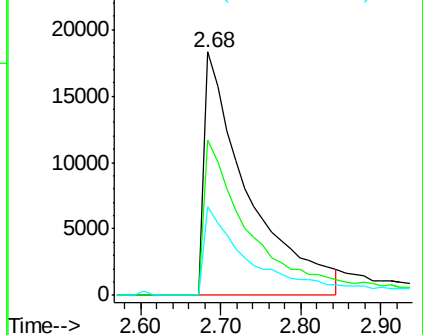
51 36.6 28.2 42.4



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: 44.38 ng

RT: 2.62 min Scan# 90

Delta R.T. 0.08 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

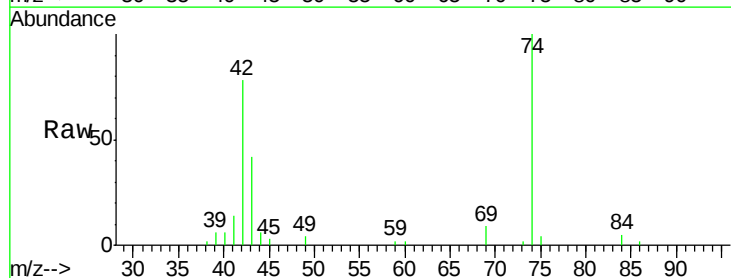
Tgt Ion: 42 Resp: 50557

Ion Ratio Lower Upper

42 100

74 127.5 110.8 166.2

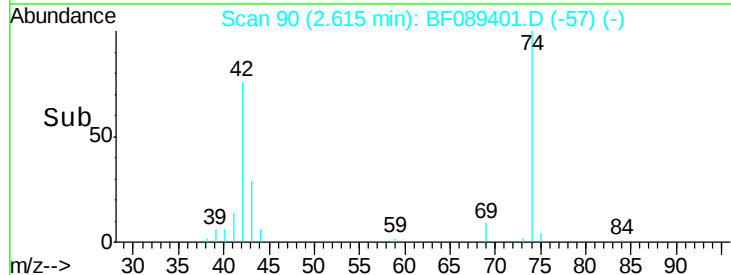
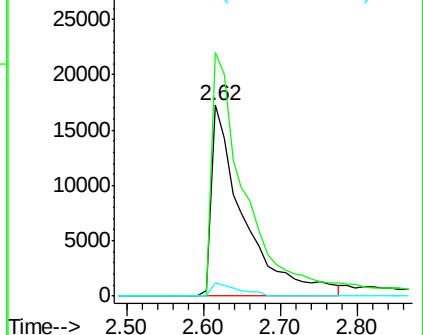
44 7.0 5.2 7.8

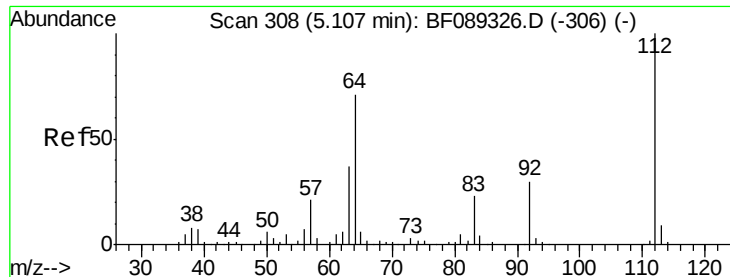


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 118.46 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

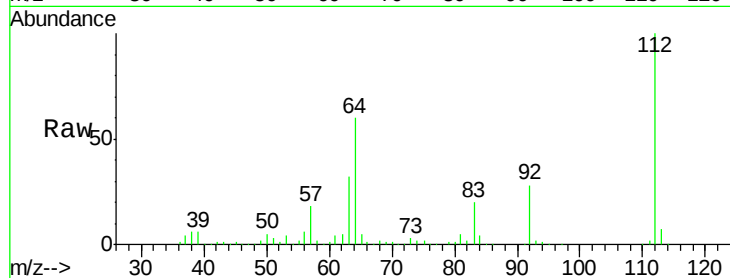
Instrument :

BNA_F

ClientSampleId :

I-2MS

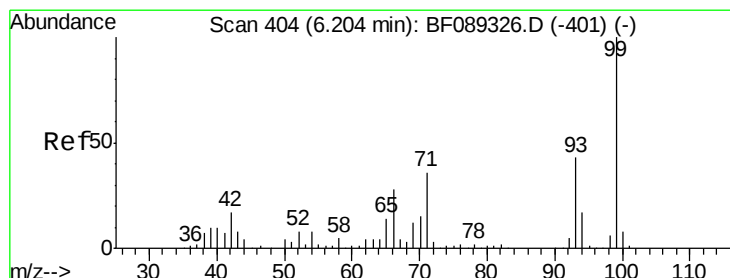
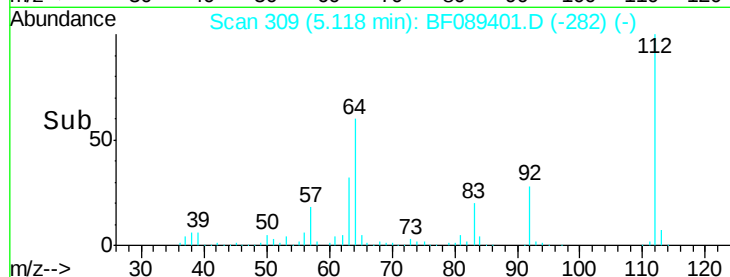
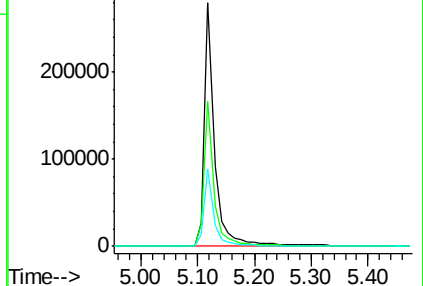
Tgt Ion:	112	Resp:	340326
Ion	Ratio	Lower	Upper
112	100		
64	59.7	55.0	82.6
63	31.8	29.4	44.2



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: 14.70 ng

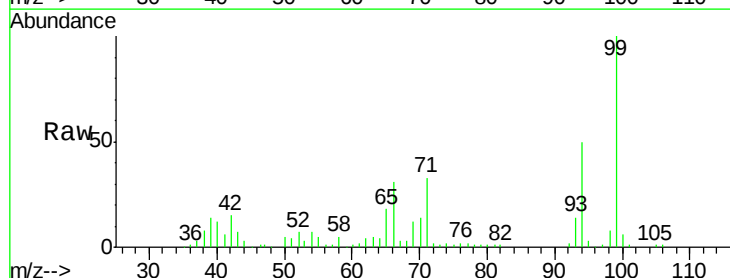
RT: 6.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

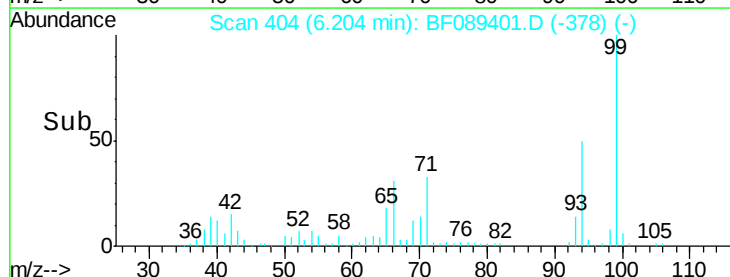
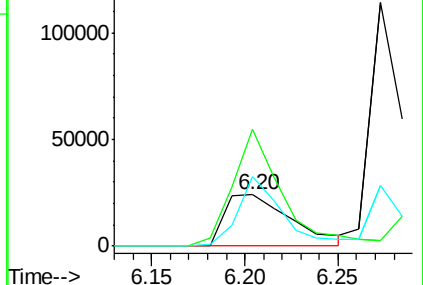
Tgt Ion:	93	Resp:	60256
Ion	Ratio	Lower	Upper
93	100		
66	226.9	51.6	77.4#
65	135.2	24.7	37.1#

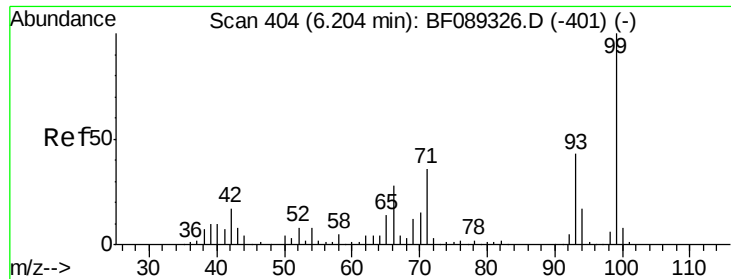


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.98 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

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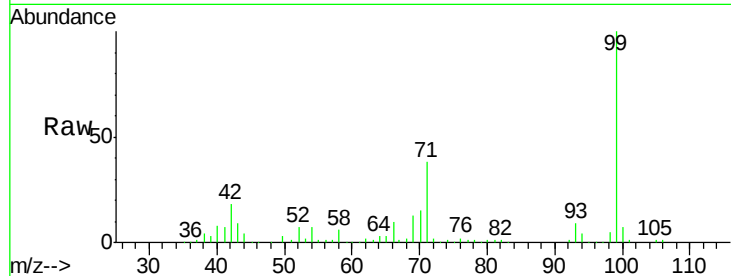
Tgt Ion: 99 Resp: 409975

Ion Ratio Lower Upper

99 100

42 18.5 13.6 20.4

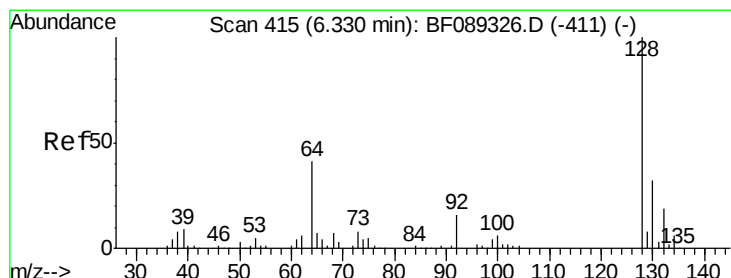
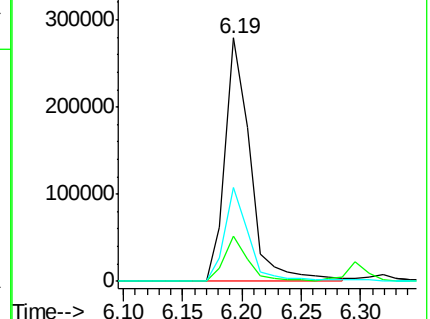
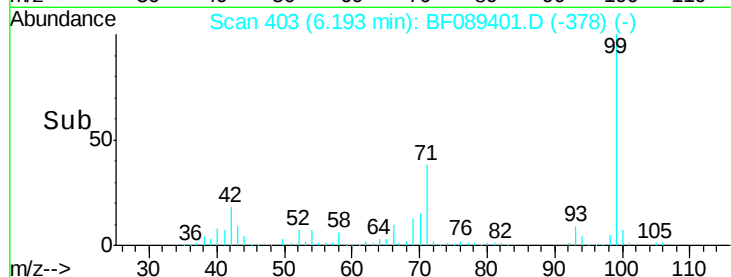
71 38.5 29.4 44.2



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: 44.06 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

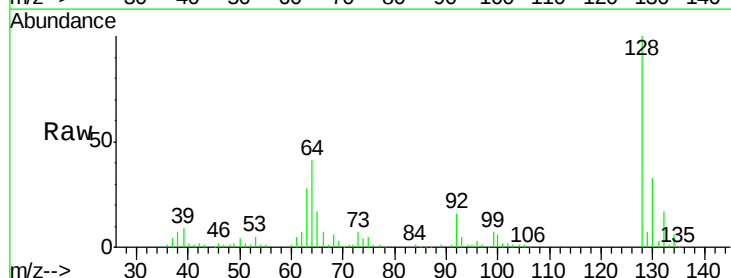
Tgt Ion: 128 Resp: 143174

Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

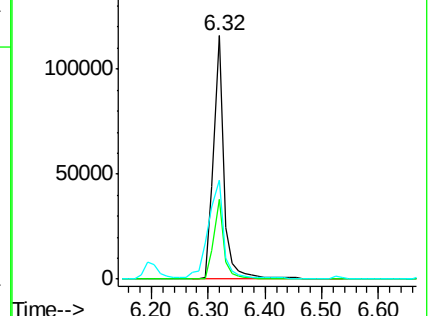
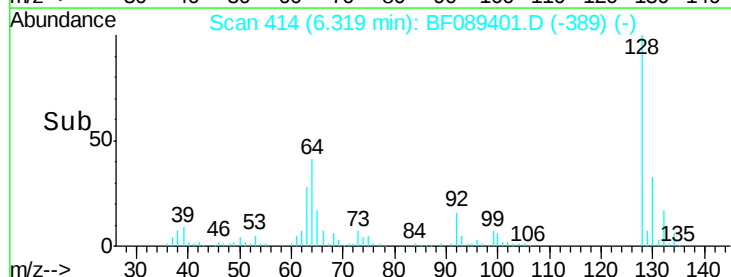
64 40.5 22.1 62.1

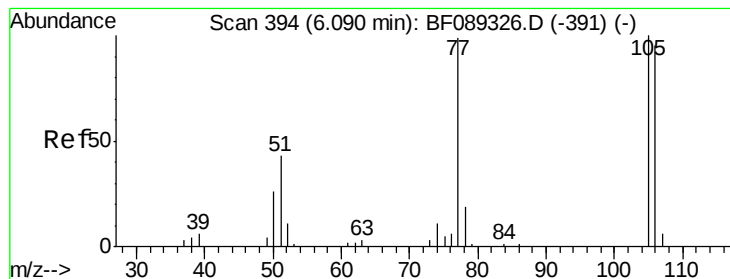


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.85 ng

RT: 6.07 min Scan# 392

Delta R.T. -0.02 min

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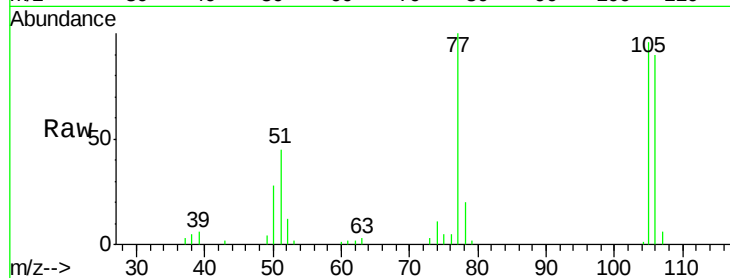
Tgt Ion: 77 Resp: 49786

Ion Ratio Lower Upper

77 100

105 95.7 82.9 122.9

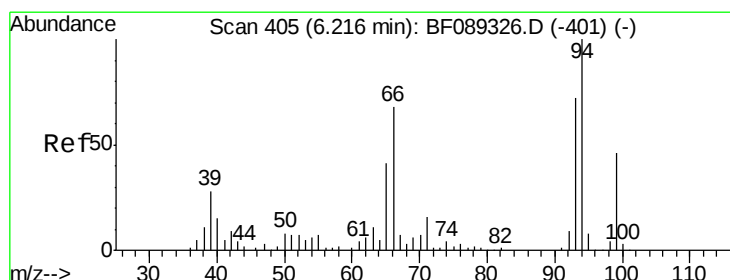
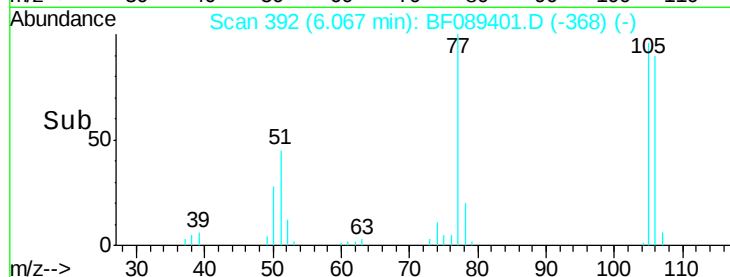
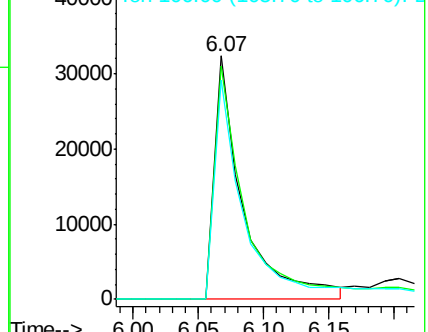
106 90.1 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.08 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

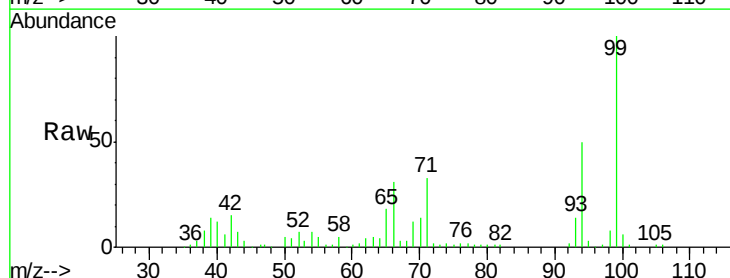
Tgt Ion: 94 Resp: 159540

Ion Ratio Lower Upper

94 100

65 36.6 19.1 59.1

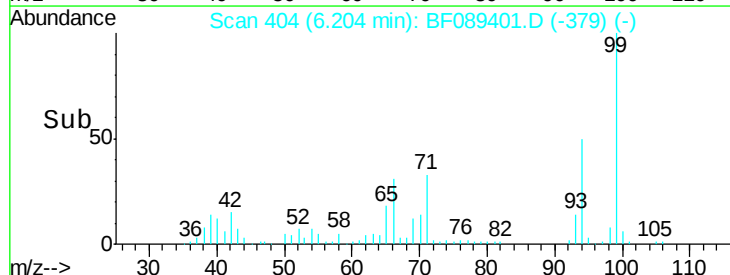
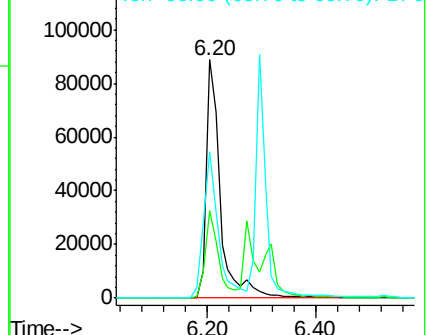
66 61.5 44.4 84.4

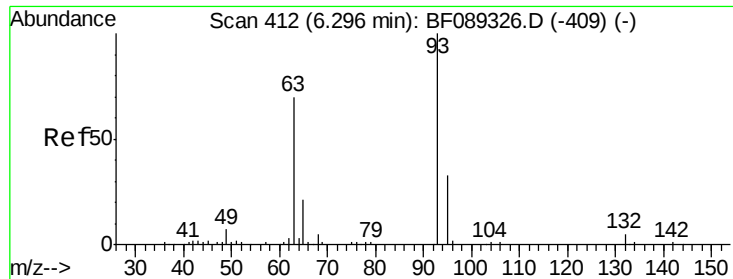


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.47 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

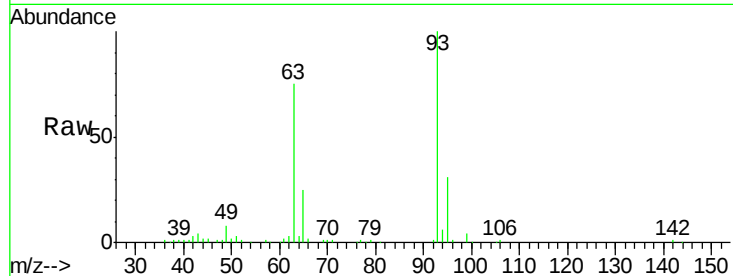
Tgt Ion: 93 Resp: 154754

Ion Ratio Lower Upper

93 100

63 74.6 45.6 85.6

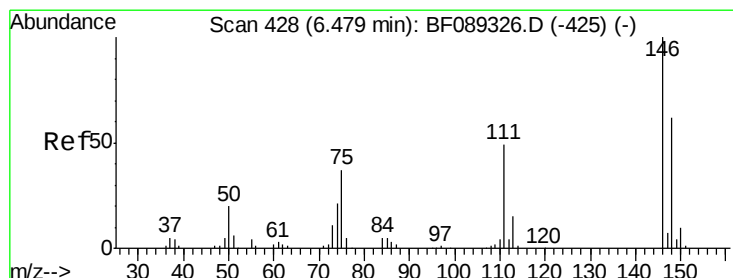
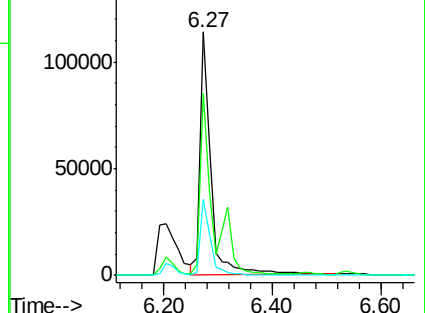
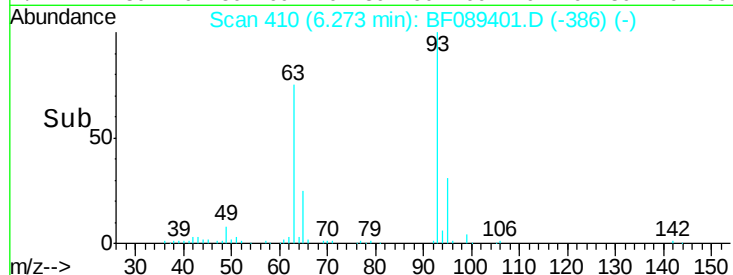
95 31.0 11.1 51.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.20 ng m

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

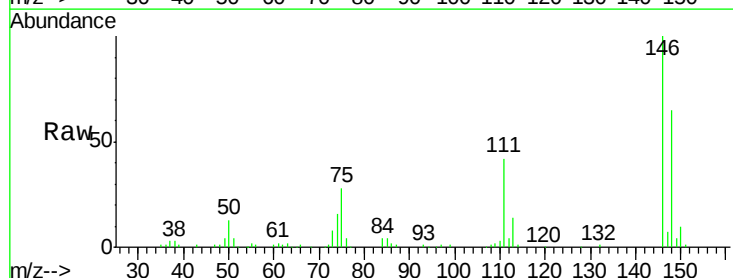
Tgt Ion: 146 Resp: 123045

Ion Ratio Lower Upper

146 100

148 64.9 50.5 75.7

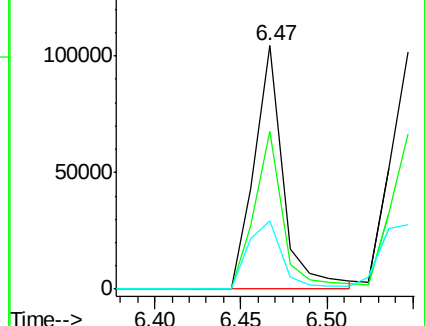
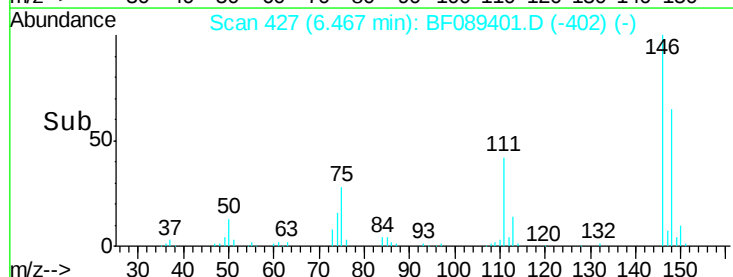
75 27.8 30.0 45.0#

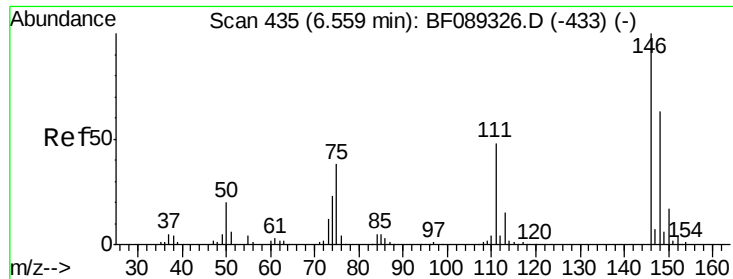


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

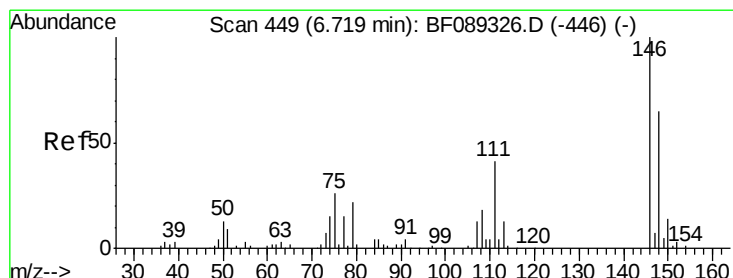
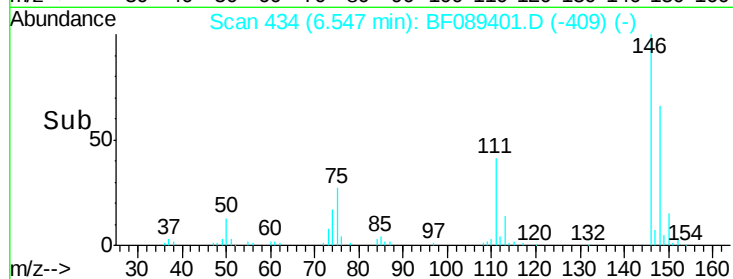
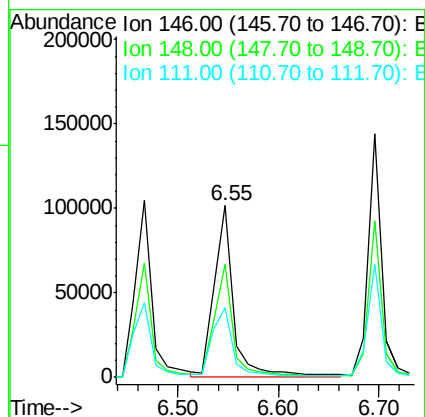
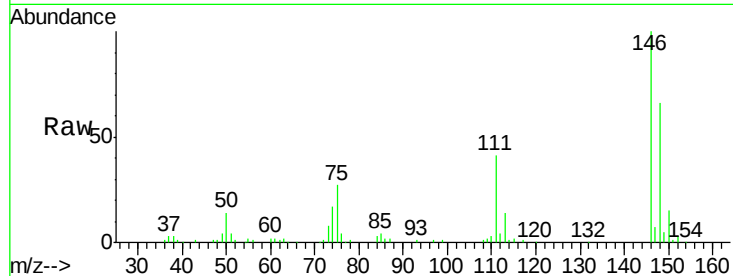




#13
 1,4-Dichlorobenzene
 Concen: 36.30 ng
 RT: 6.55 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

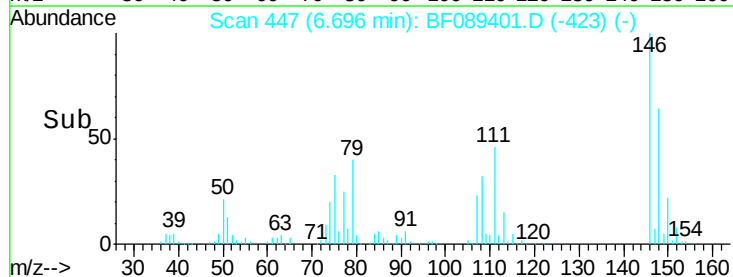
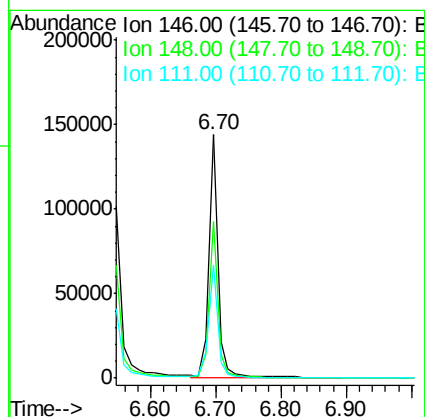
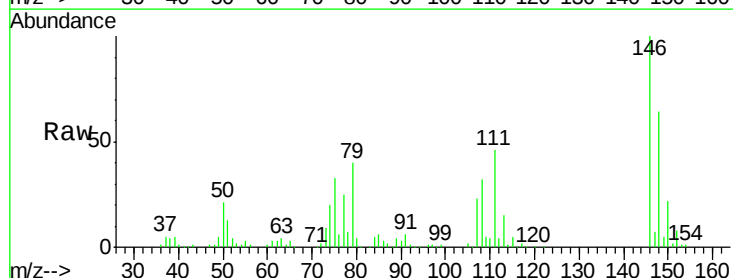
Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

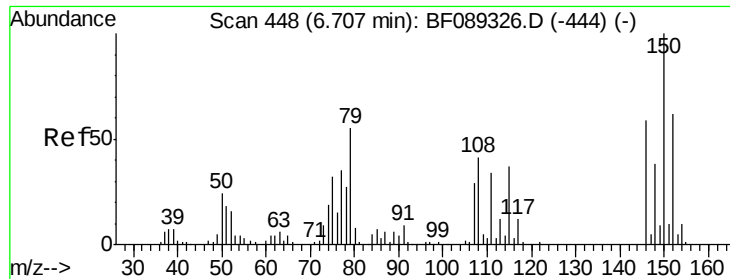
Tgt Ion:146 Resp: 136191
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.8 76.2
 111 40.6 38.6 57.8



#14
 1,2-Dichlorobenzene
 Concen: 40.45 ng
 RT: 6.70 min Scan# 447
 Delta R.T. -0.02 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion:146 Resp: 142149
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 46.3 33.0 49.4

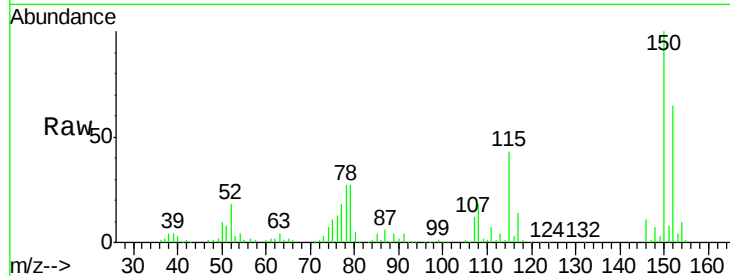




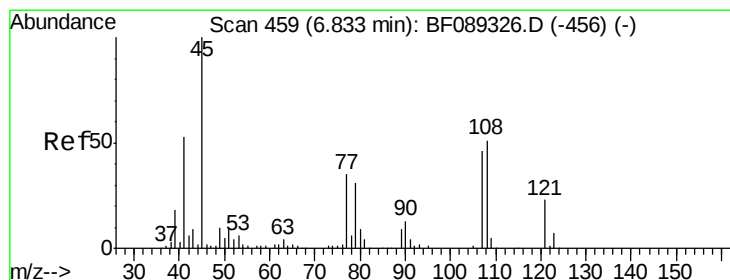
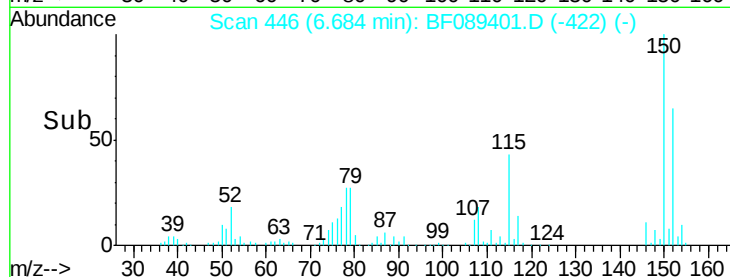
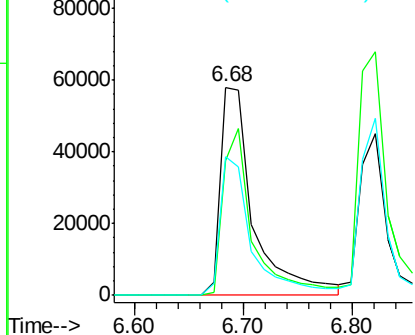
#15
Benzyl Alcohol
Concen: 52.29 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Instrument :
BNA_F
ClientSampleId :
I-2MS

Tgt Ion: 79 Resp: 123212
Ion Ratio Lower Upper
79 100
108 64.7 59.8 89.6
77 66.4 51.7 77.5

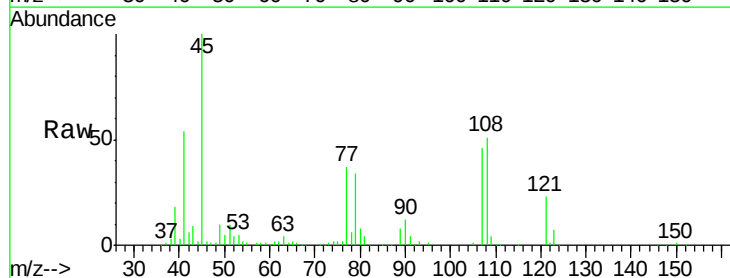


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

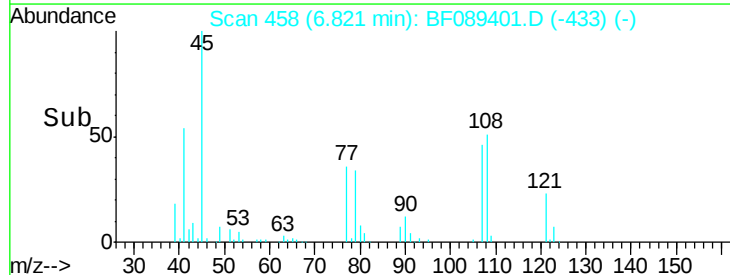
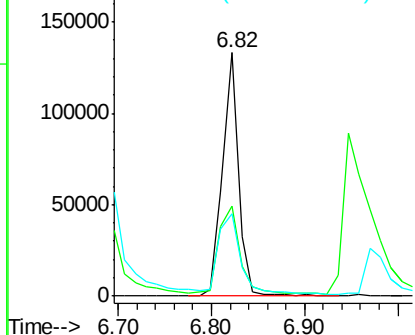


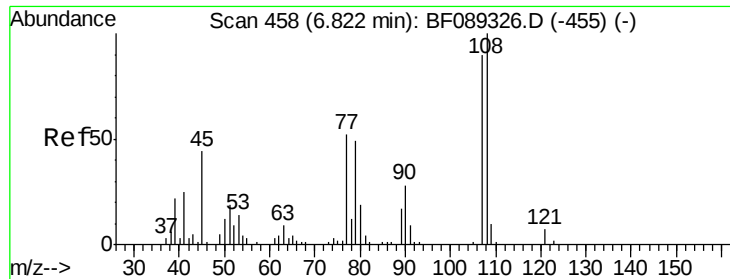
#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.20 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion: 45 Resp: 159972
Ion Ratio Lower Upper
45 100
77 37.1 17.3 57.3
79 34.0 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

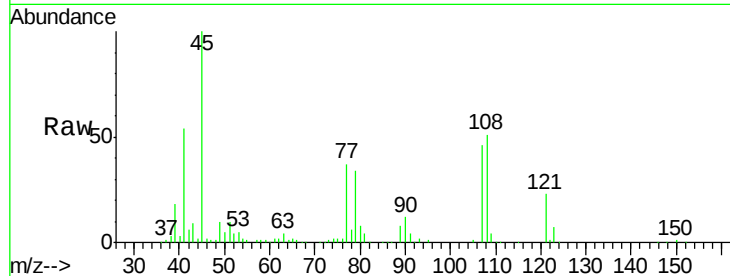




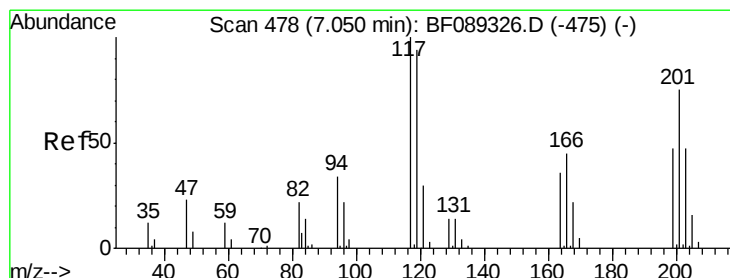
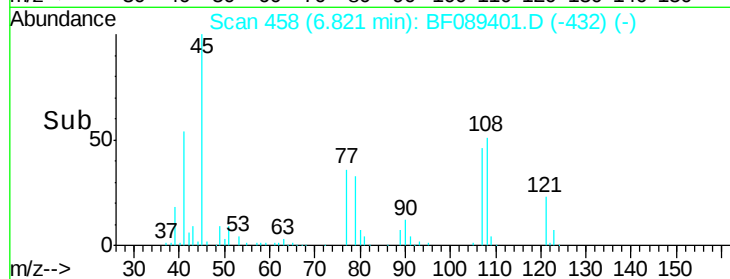
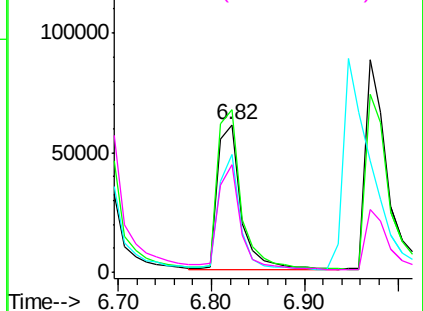
#17
2-Methylphenol
Concen: 42.24 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Instrument :
BNA_F
ClientSampleId :
I-2MS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.9	91.4	137.0
77	80.1	48.6	73.0#
79	73.3	48.2	72.4#

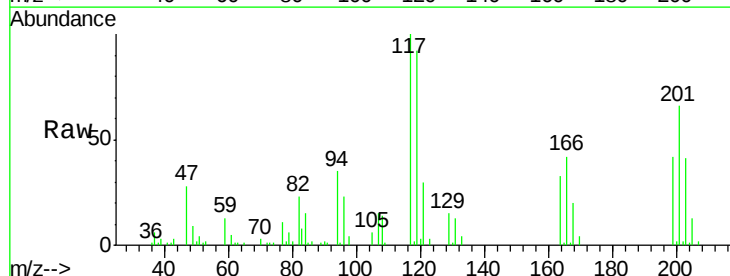


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

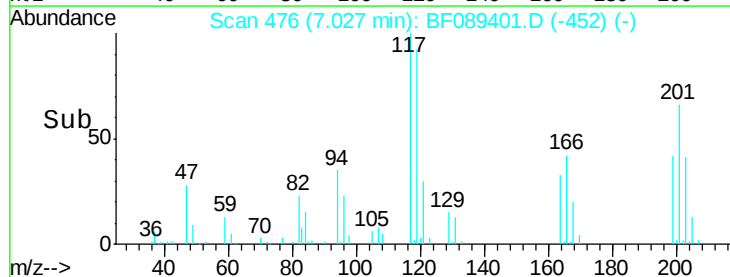
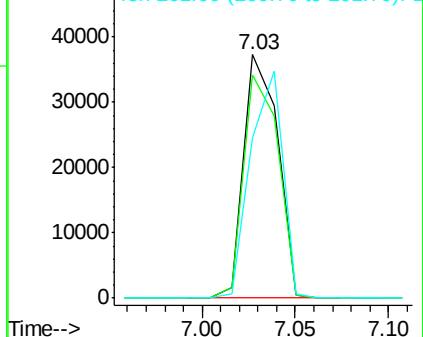


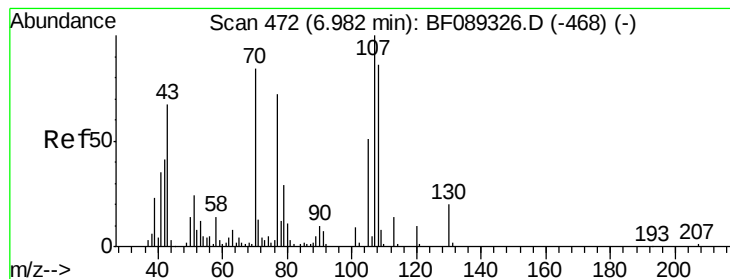
#18
Hexachloroethane
Concen: 32.90 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	76.0	114.0
201	66.1	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: 46.49 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

Tgt Ion: 70 Resp: 106431

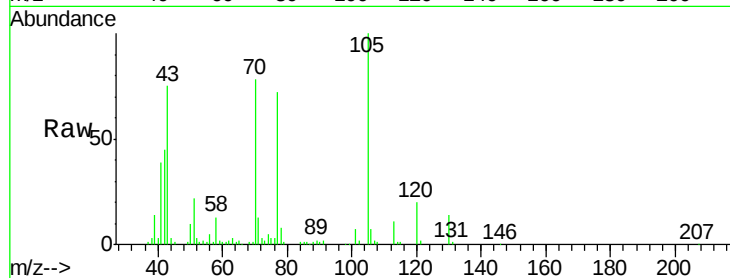
Ion Ratio Lower Upper

70 100

42 57.8 38.6 57.8

101 9.1 8.3 12.5

130 17.5 19.0 28.4#

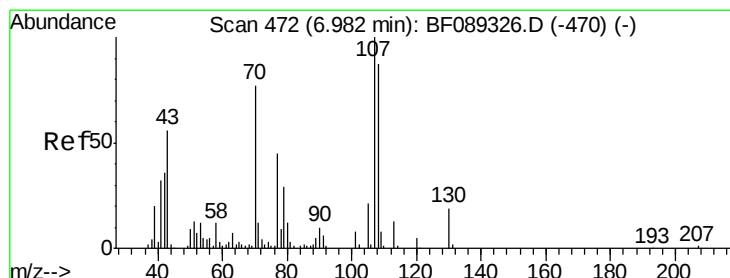
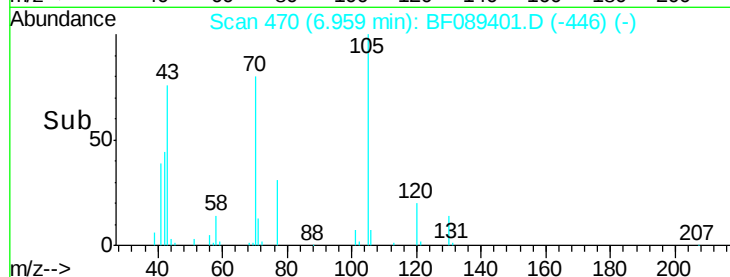
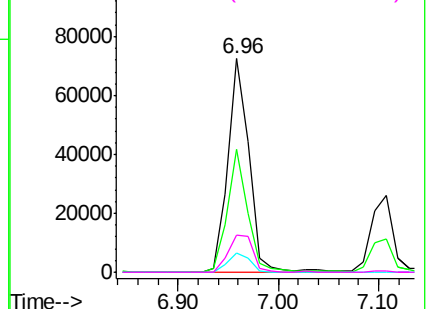


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 45.00 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Tgt Ion: 107 Resp: 145158

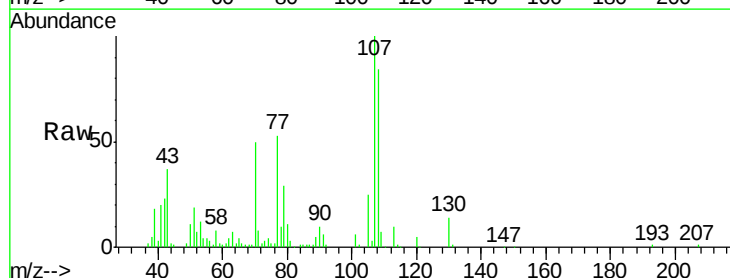
Ion Ratio Lower Upper

107 100

108 83.8 63.3 103.3

77 52.8 51.1 91.1

79 29.4 9.3 49.3

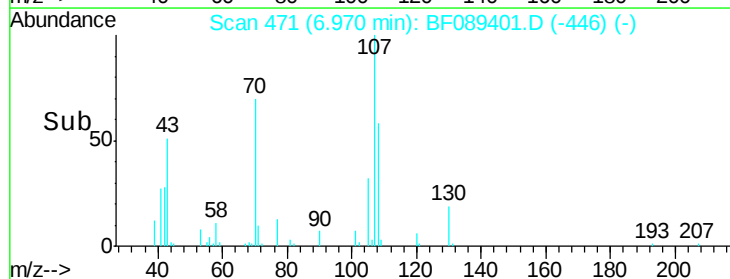
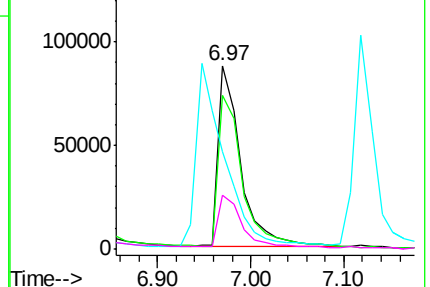


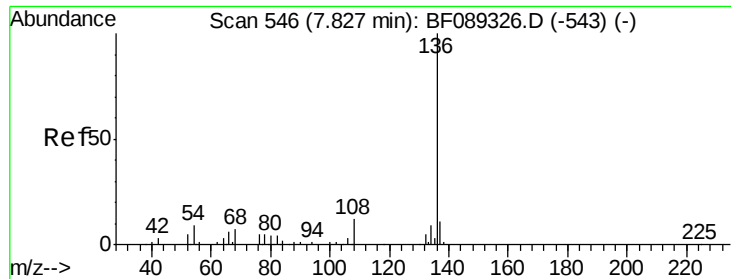
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

Tgt Ion:136 Resp: 187149

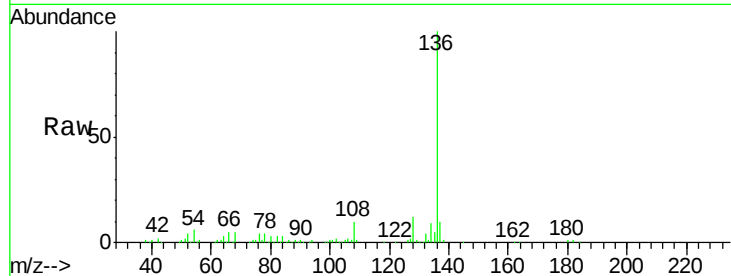
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 6.2 7.0 10.4#

68 4.9 4.9 7.3

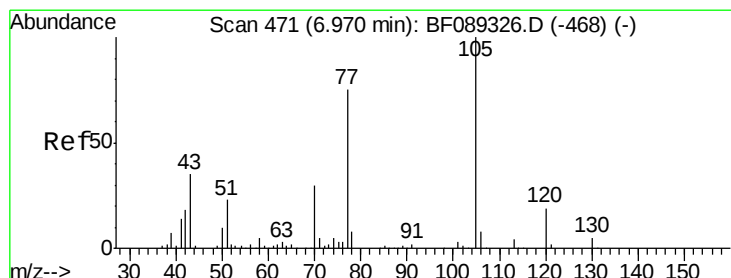
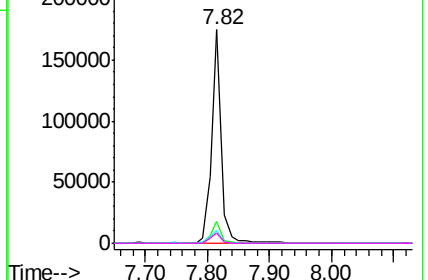
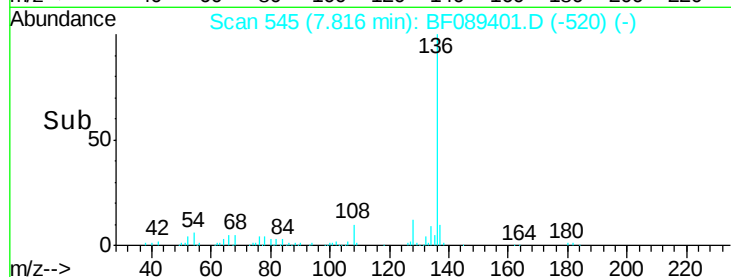


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.19 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.02 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Tgt Ion:105 Resp: 192419

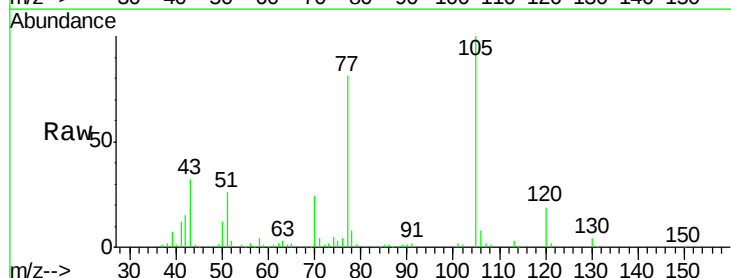
Ion Ratio Lower Upper

105 100

71 4.2 4.2 6.2

51 26.5 18.7 28.1

120 19.1 15.8 23.6

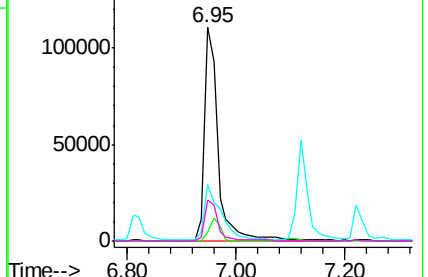
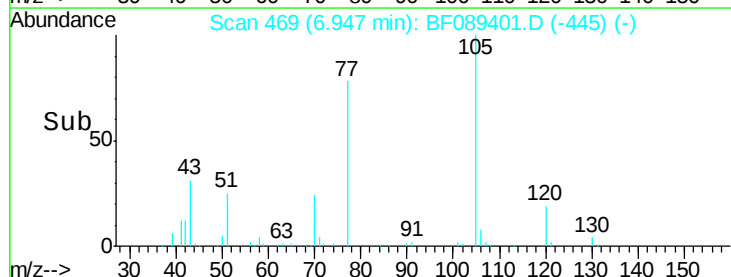


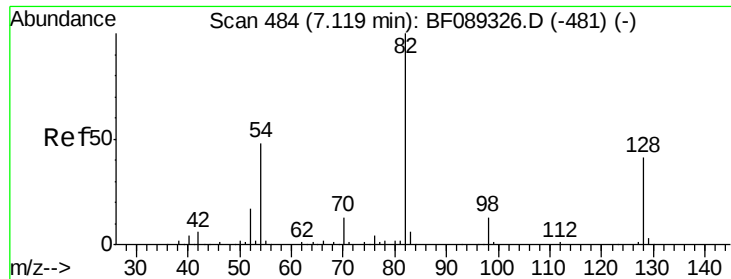
Abundance Ion 105.00 (104.70 to 105.70): E

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

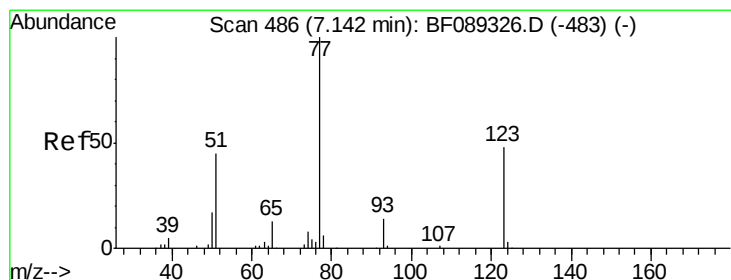
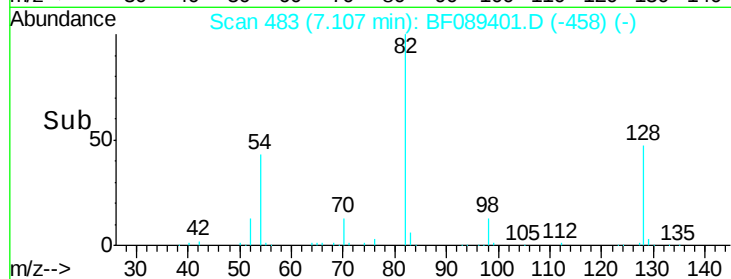
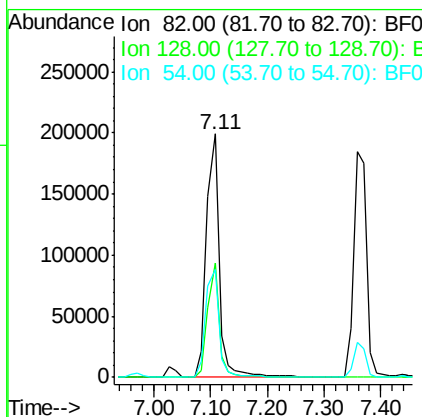
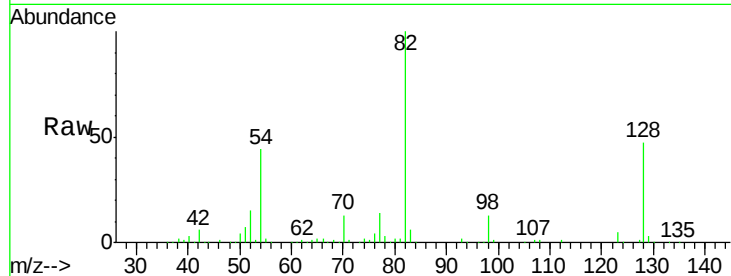




#23
 Nitrobenzene-d5
 Concen: 95.54 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

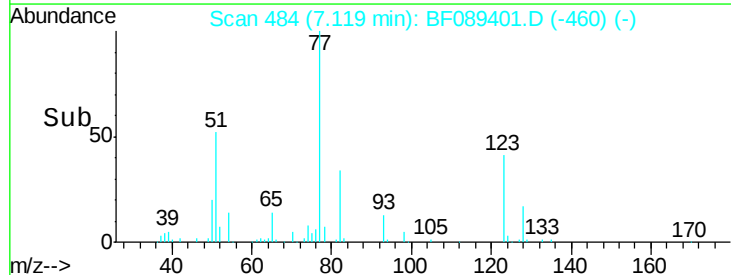
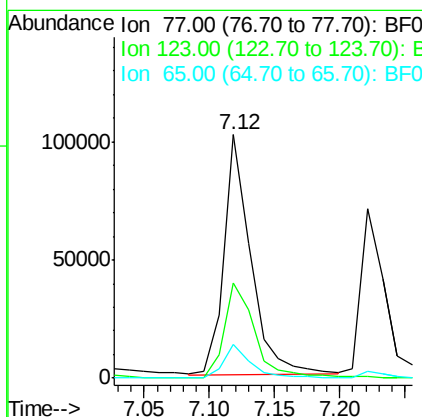
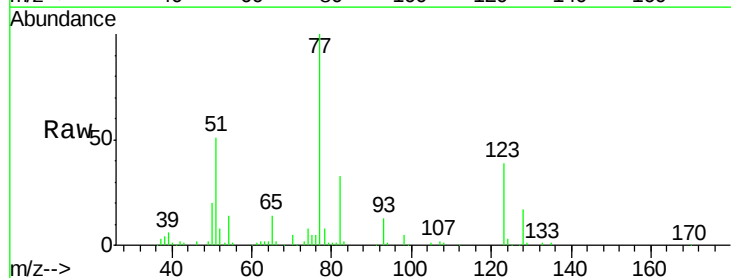
Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

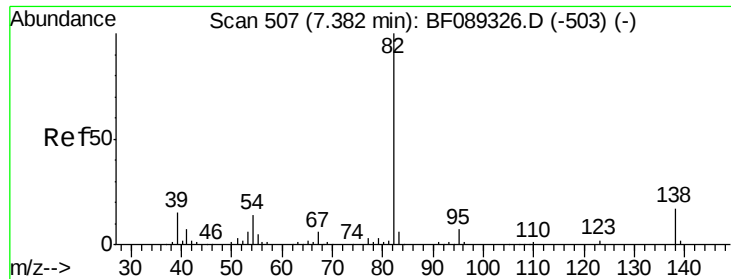
Tgt Ion: 82 Resp: 302934
 Ion Ratio Lower Upper
 82 100
 128 46.9 32.5 48.7
 54 44.3 38.8 58.2



#24
 Nitrobenzene
 Concen: 40.65 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion: 77 Resp: 146676
 Ion Ratio Lower Upper
 77 100
 123 38.9 37.2 55.8
 65 13.9 10.2 15.4





#25

Isophorone

Concen: 45.66 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

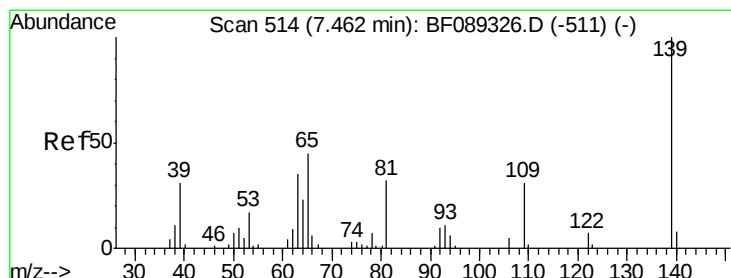
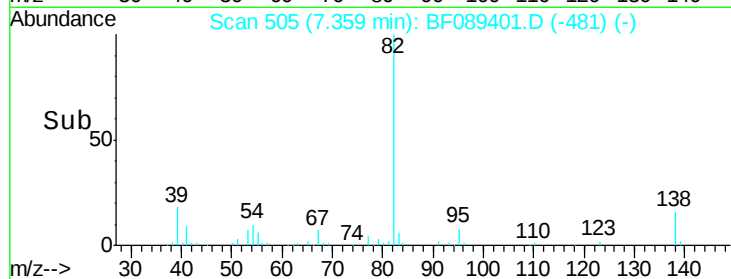
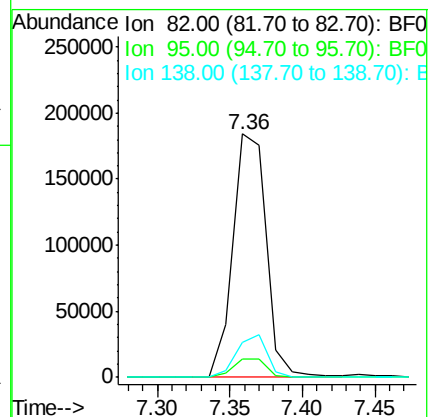
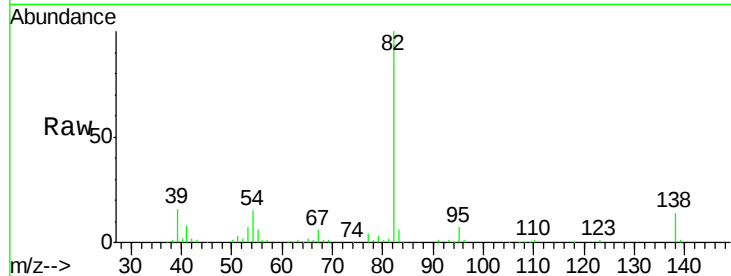
Tgt Ion: 82 Resp: 291613

Ion Ratio Lower Upper

82 100

95 7.3 6.0 9.0

138 14.1 13.3 19.9



#26

2-Nitrophenol

Concen: 45.79 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

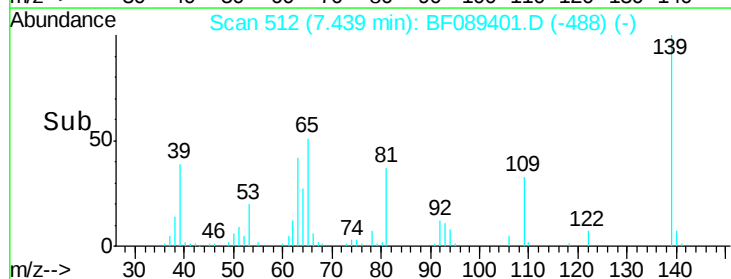
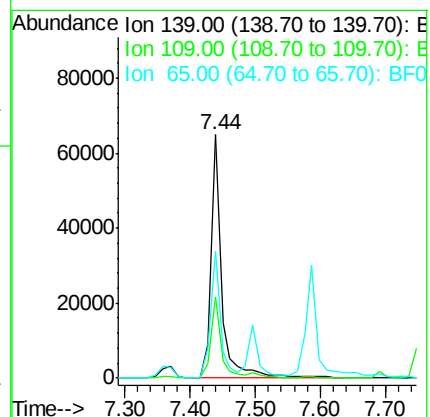
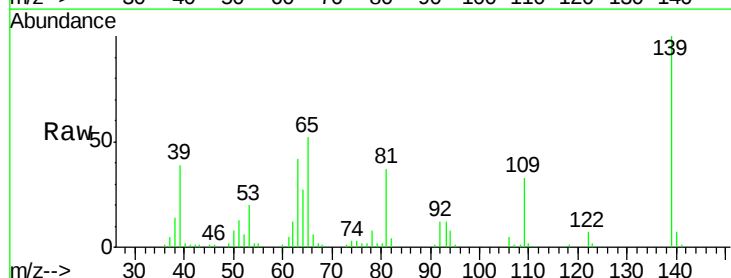
Tgt Ion: 139 Resp: 73874

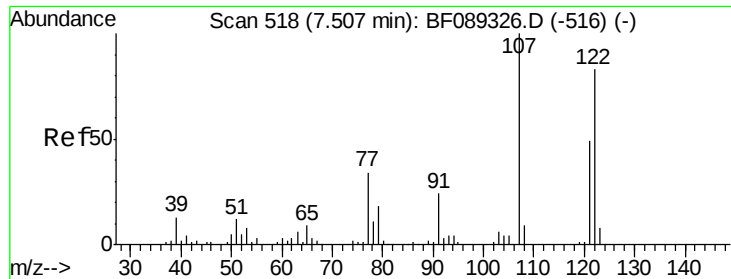
Ion Ratio Lower Upper

139 100

109 33.1 25.8 38.8

65 52.1 35.2 52.8

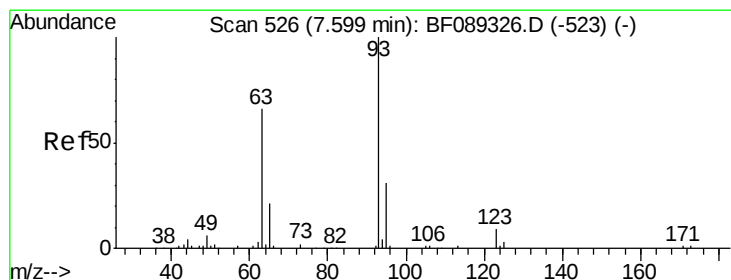
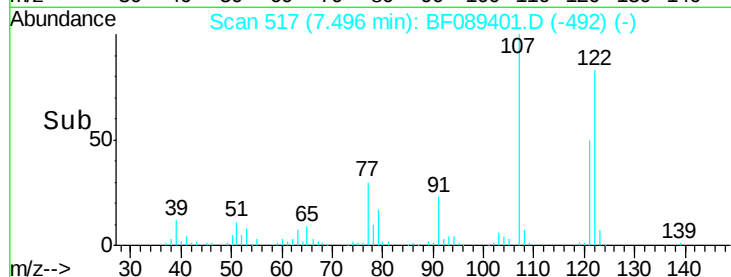
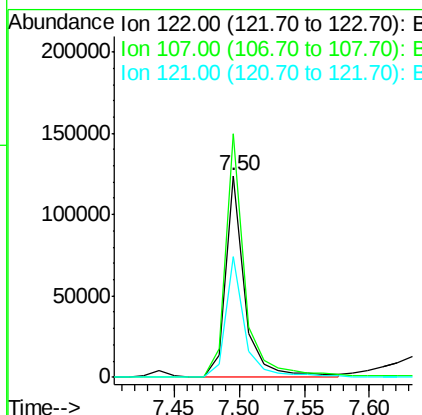
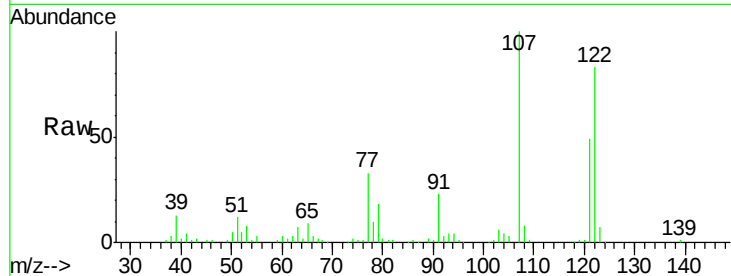




#27
 2,4-Dimethylphenol
 Concen: 48.75 ng
 RT: 7.50 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

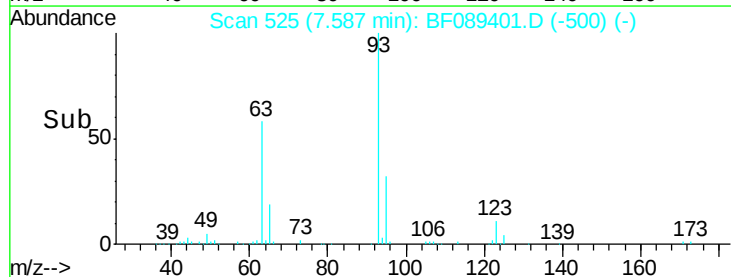
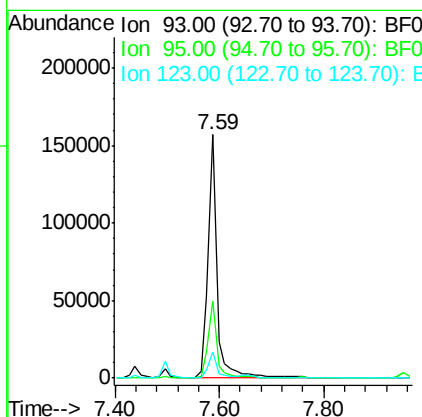
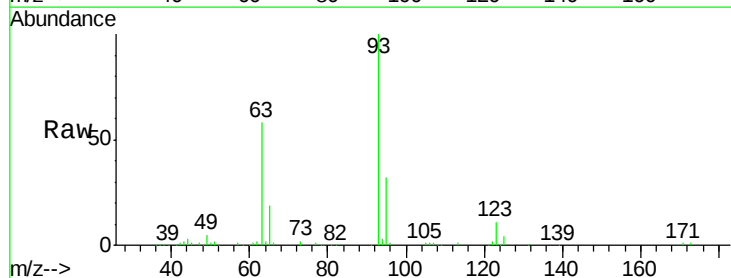
Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

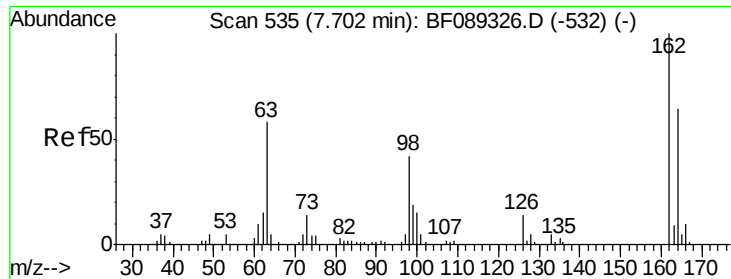
Tgt Ion: 122 Resp: 125296
 Ion Ratio Lower Upper
 122 100
 107 120.8 97.2 145.8
 121 59.7 48.8 73.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.62 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion: 93 Resp: 189569
 Ion Ratio Lower Upper
 93 100
 95 31.7 24.7 37.1
 123 10.6 7.5 11.3

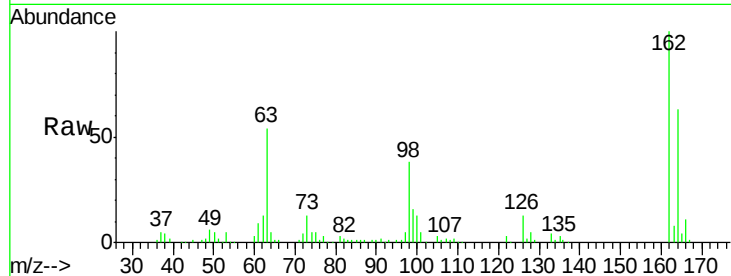




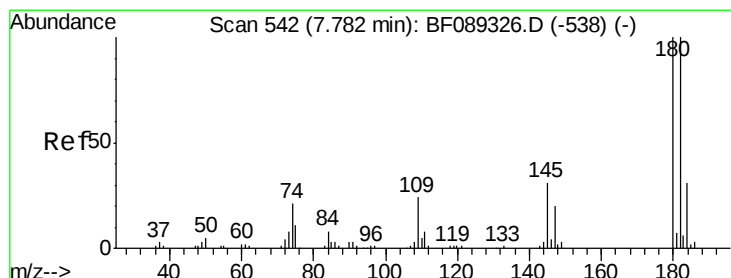
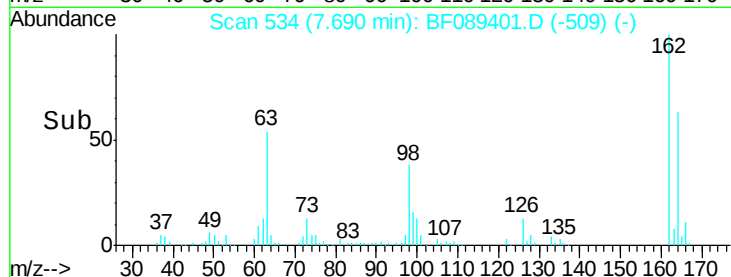
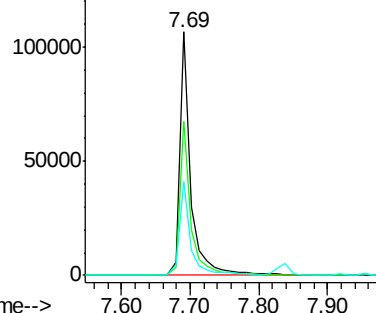
#29
 2,4-Dichlorophenol
 Concen: 50.82 ng
 RT: 7.69 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.0	84.0
98	38.4	21.8	61.8

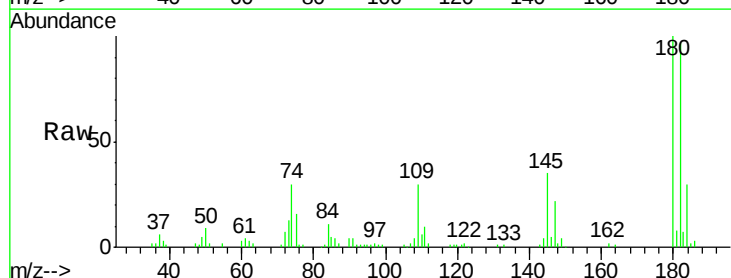


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

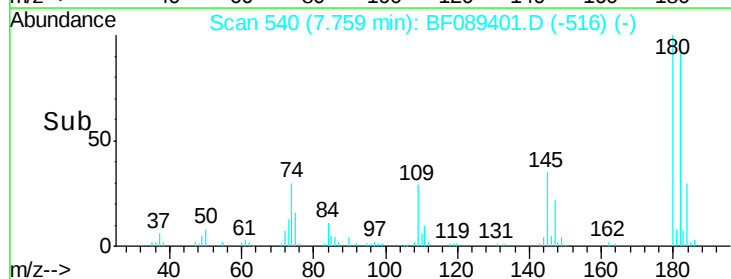
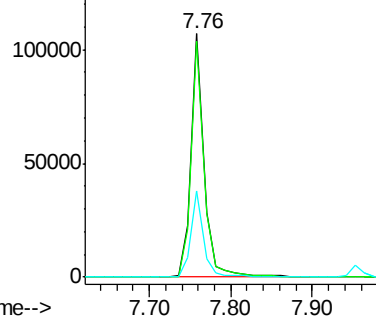


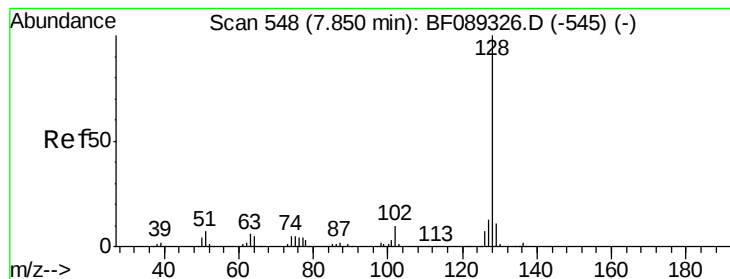
#30
 1,2,4-Trichlorobenzene
 Concen: 44.09 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	78.2	117.2
145	35.4	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: 46.30 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

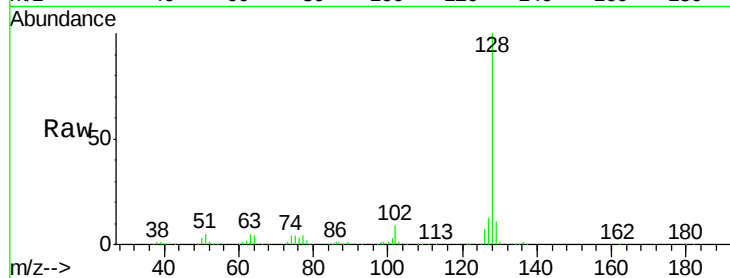
Tgt Ion:128 Resp: 429128

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

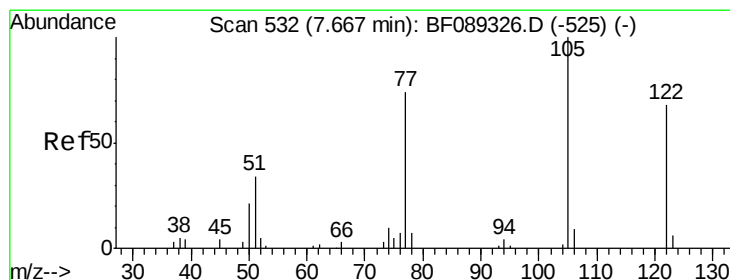
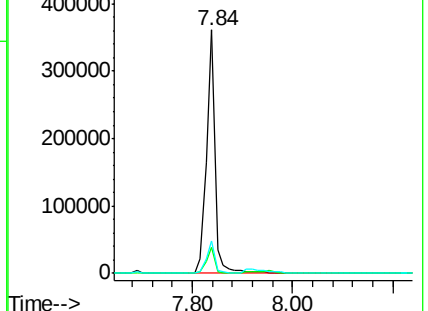
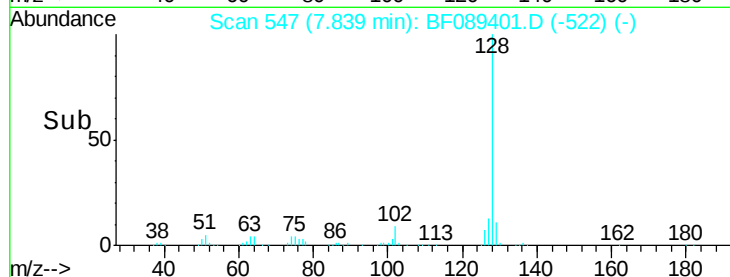
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.26 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

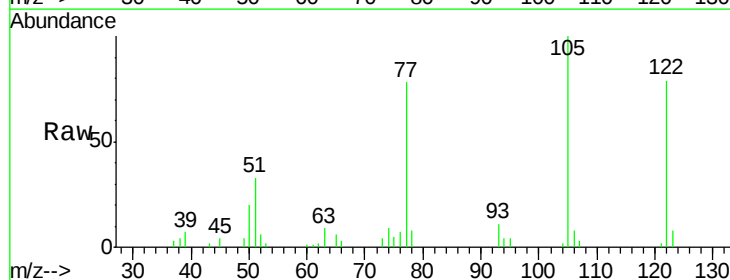
Tgt Ion:122 Resp: 61351

Ion Ratio Lower Upper

122 100

105 127.1 106.4 146.4

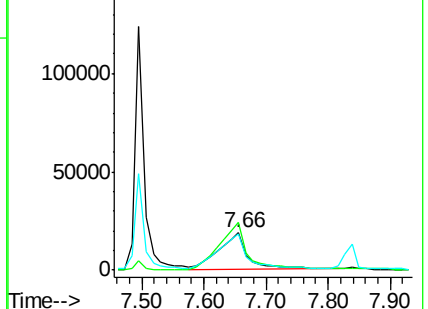
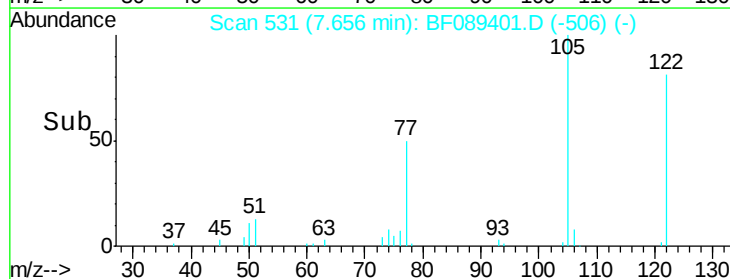
77 98.7 76.4 116.4

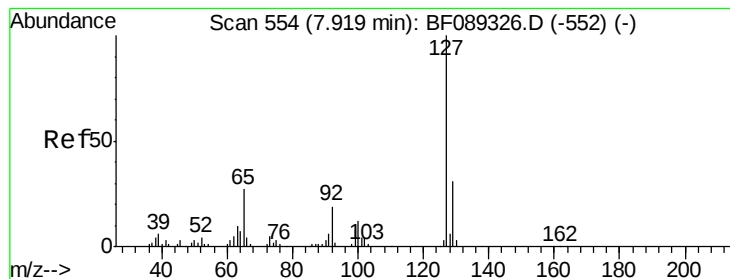


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 7.39 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

Tgt Ion:127 Resp: 26059

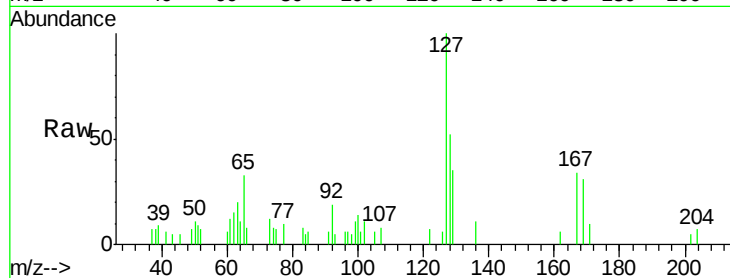
Ion Ratio Lower Upper

127 100

129 34.9 26.1 39.1

65 33.1 22.0 33.0#

92 19.1 15.2 22.8

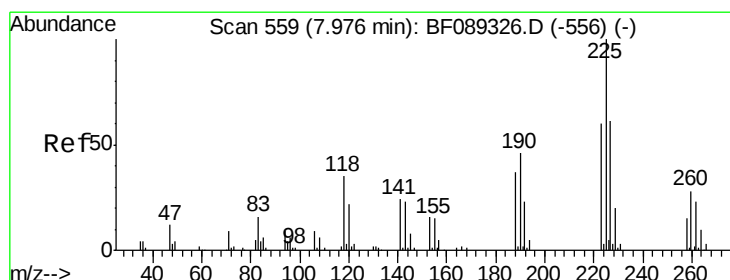
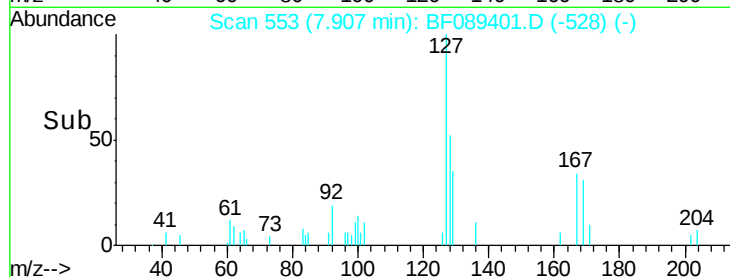
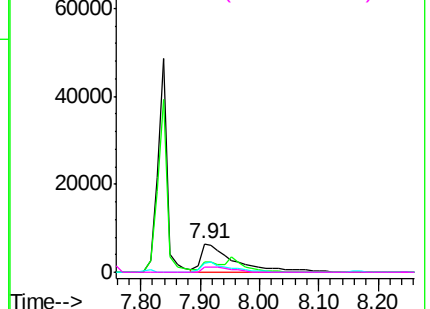


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.90 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

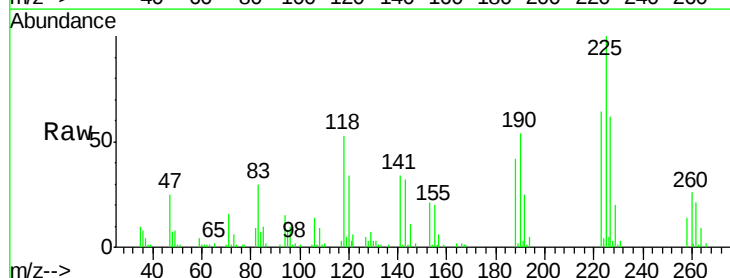
Tgt Ion:225 Resp: 61063

Ion Ratio Lower Upper

225 100

223 63.7 49.8 74.8

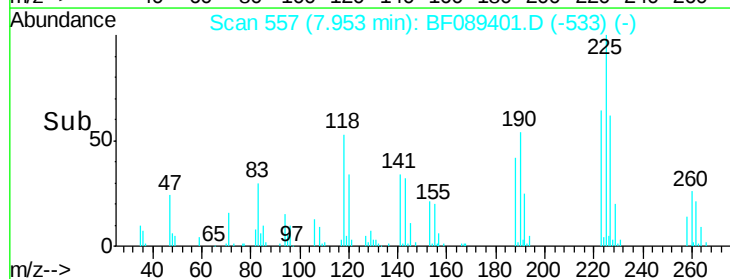
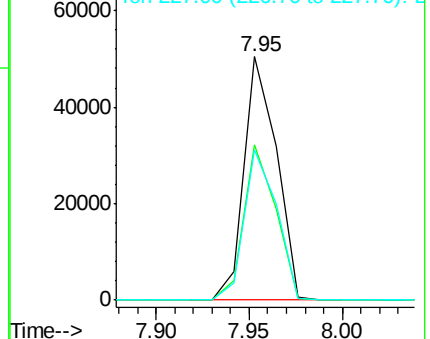
227 61.6 49.4 74.2

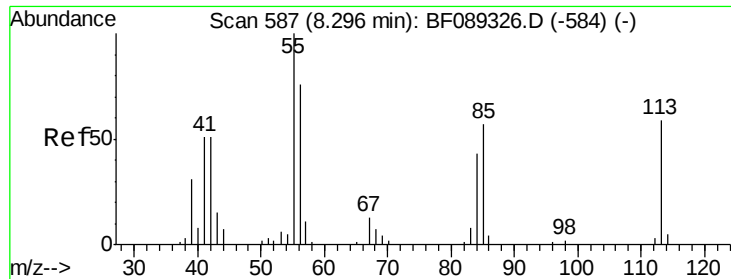


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

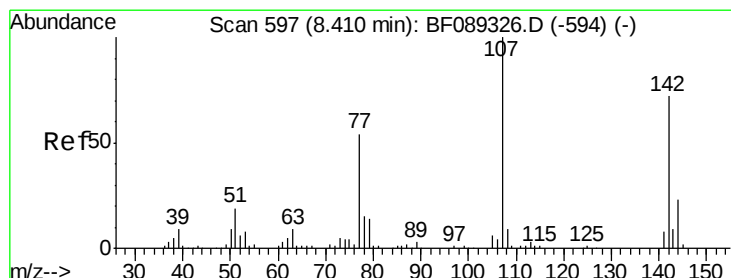
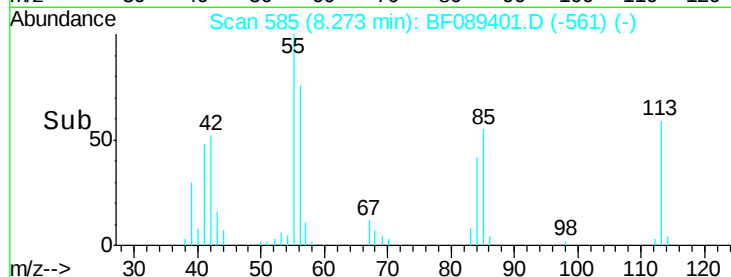
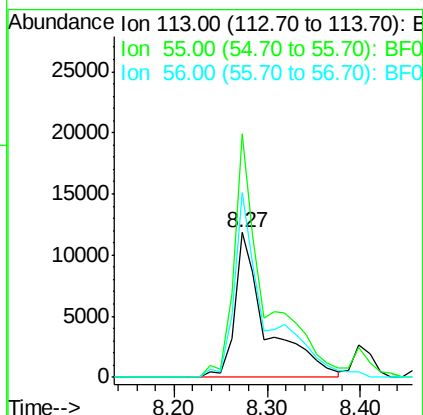
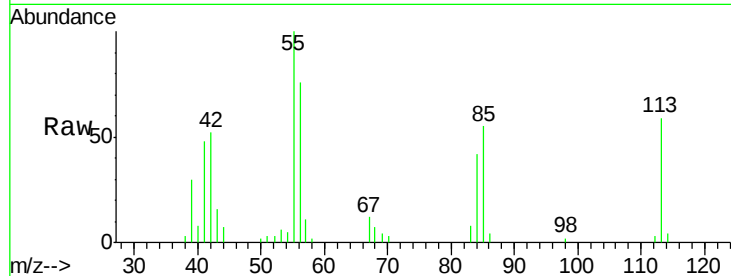




#35
 Caprolactam
 Concen: 40.08 ng
 RT: 8.27 min Scan# 585
 Delta R.T. -0.02 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

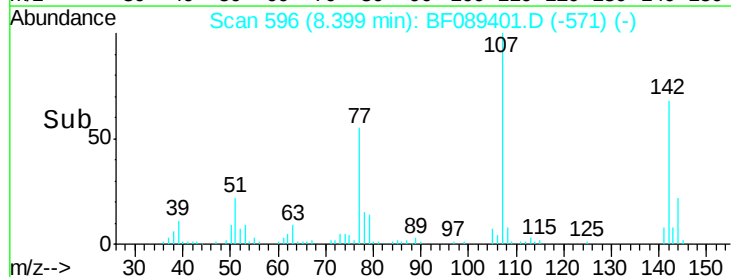
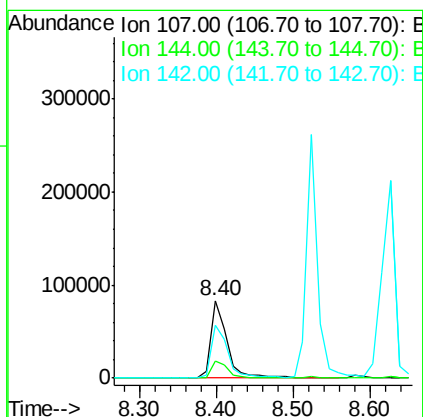
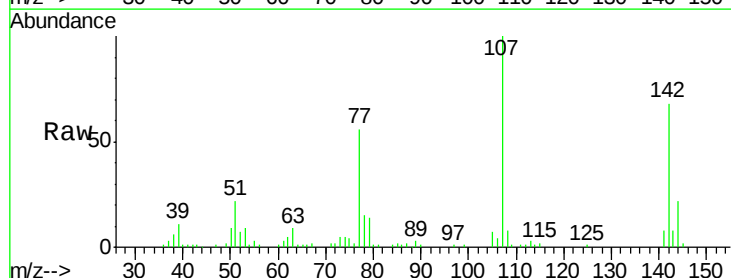
Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

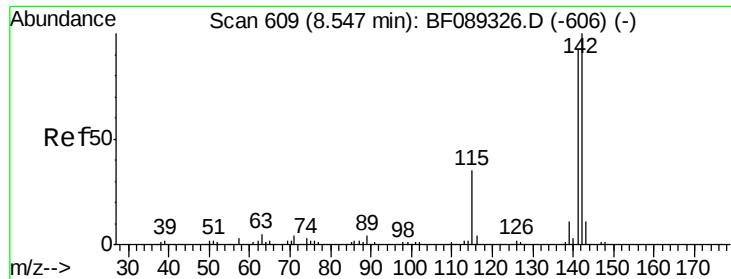
Tgt Ion:113 Resp: 28331
 Ion Ratio Lower Upper
 113 100
 55 168.4 142.3 182.3
 56 127.7 105.8 145.8



#36
 4-Chloro-3-methylphenol
 Concen: 43.74 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion:107 Resp: 121753
 Ion Ratio Lower Upper
 107 100
 144 21.7 18.4 27.6
 142 68.5 58.6 87.8

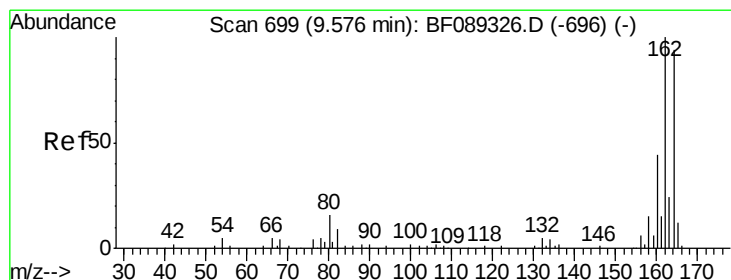
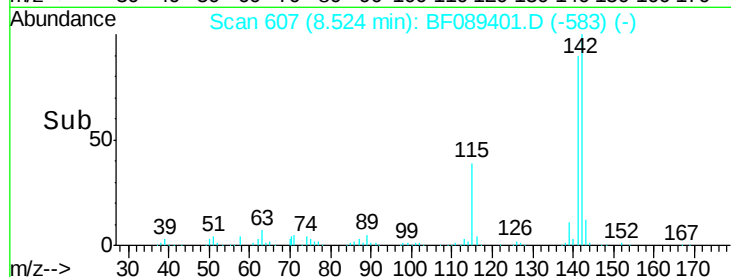
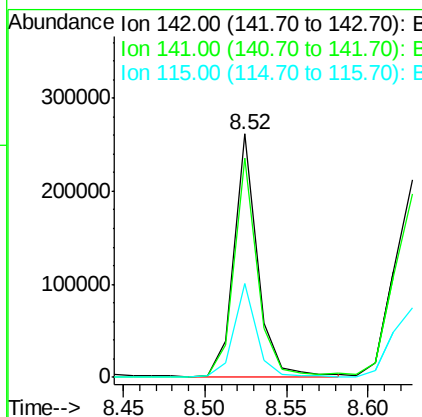
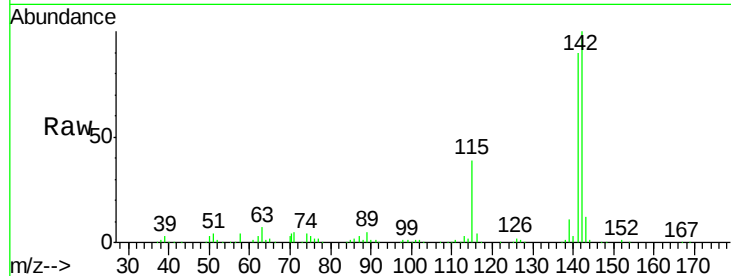




#37
 2-Methylnaphthalene
 Concen: 46.68 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

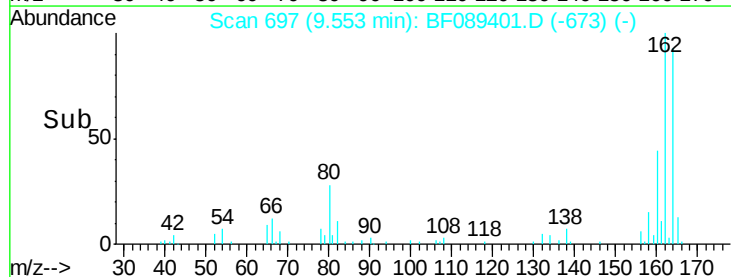
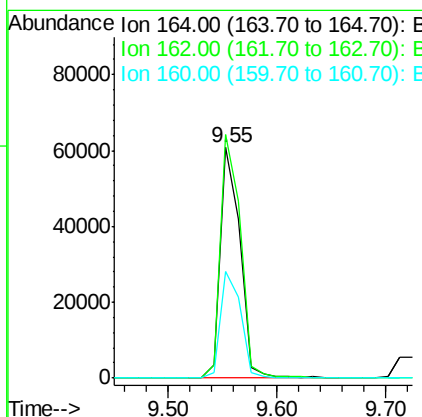
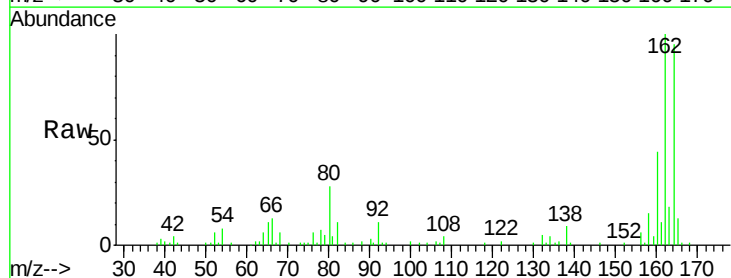
Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

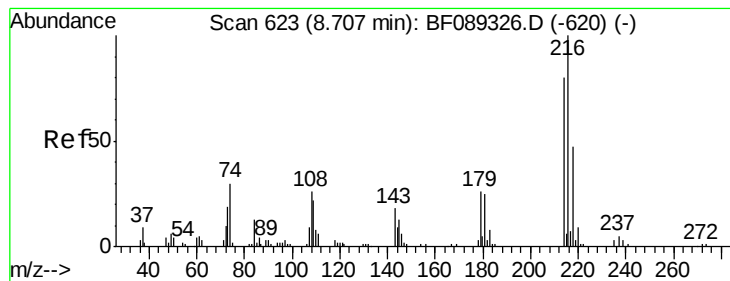
Tgt Ion:142 Resp: 260672
 Ion Ratio Lower Upper
 142 100
 141 90.3 70.9 106.3
 115 38.7 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.02 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion:164 Resp: 76226
 Ion Ratio Lower Upper
 164 100
 162 105.5 83.7 125.5
 160 46.2 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.26 ng

RT: 8.70 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

Tgt Ion:216 Resp: 107407

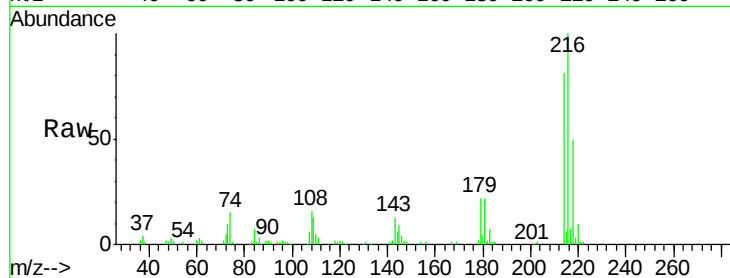
Ion Ratio Lower Upper

216 100

214 80.1 63.3 94.9

179 21.8 18.1 27.1

108 19.2 17.2 25.8

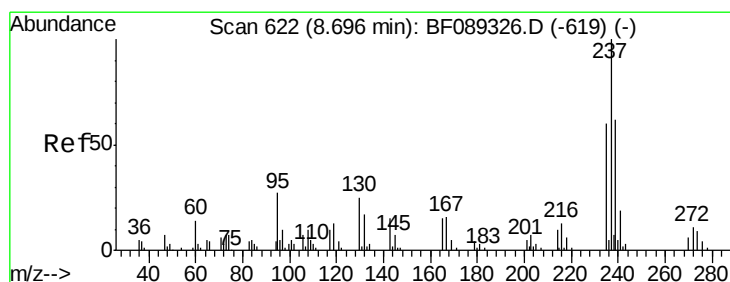
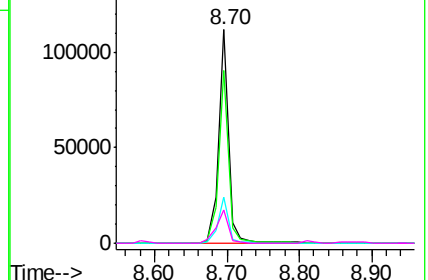
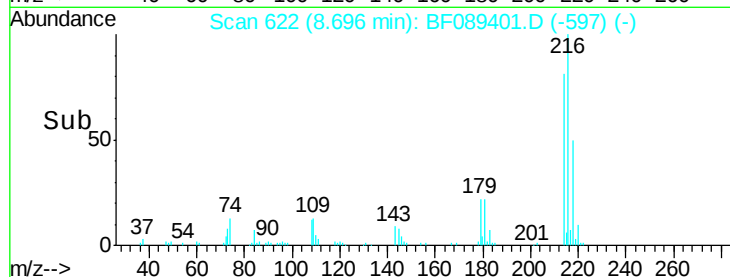


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.58 ng

RT: 8.68 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

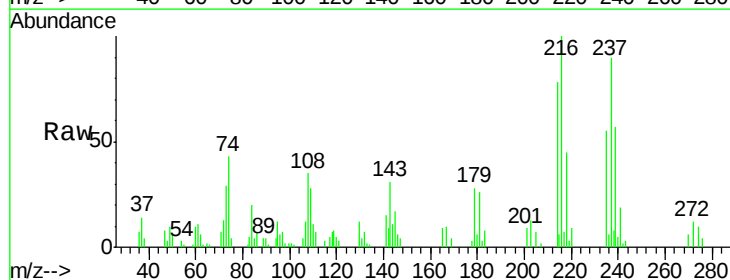
Tgt Ion:237 Resp: 27093

Ion Ratio Lower Upper

237 100

235 61.0 41.6 81.6

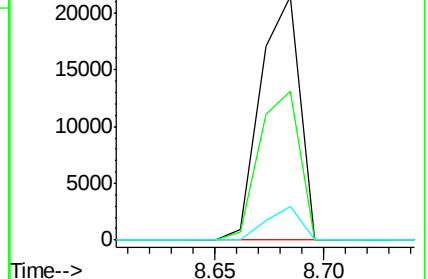
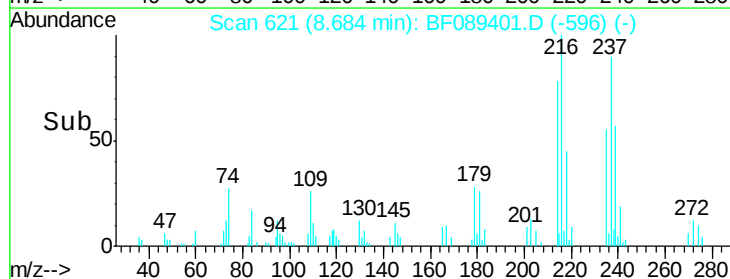
272 13.8 0.0 30.8

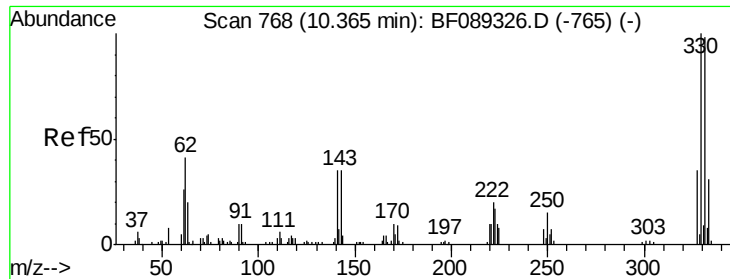


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

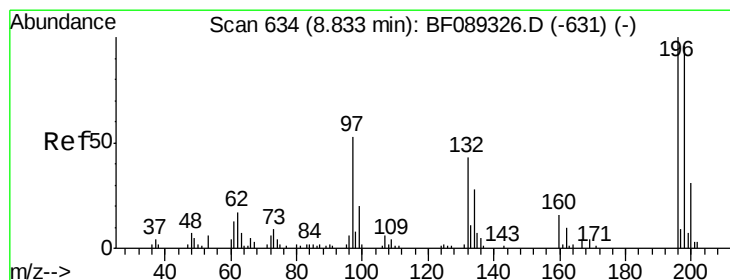
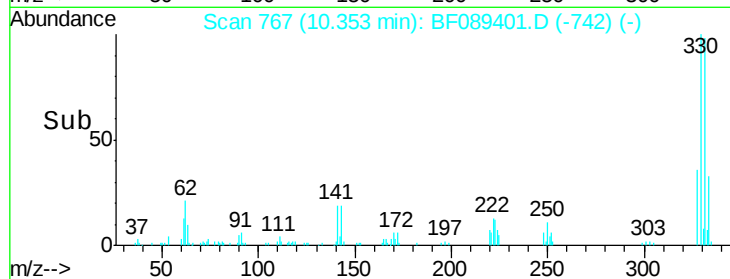
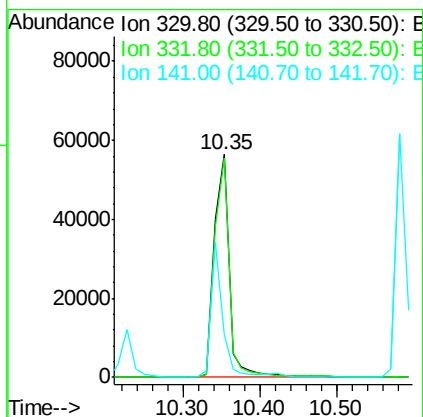
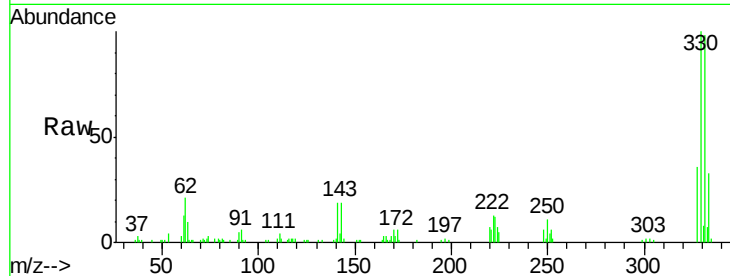




#41
 2,4,6-Tribromophenol
 Concen: 121.78 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

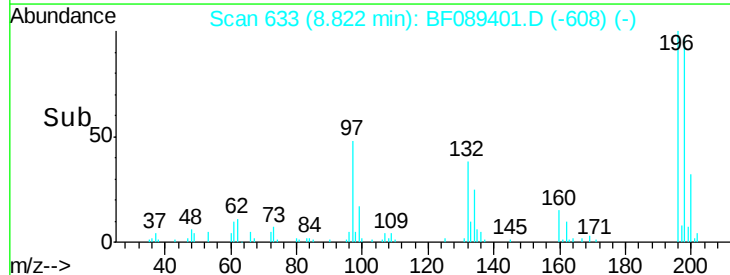
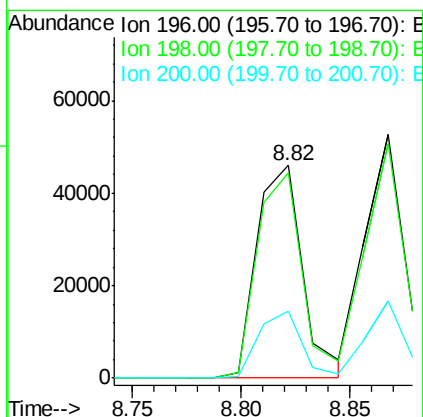
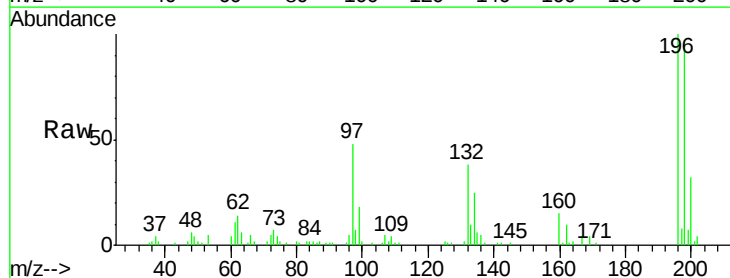
Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

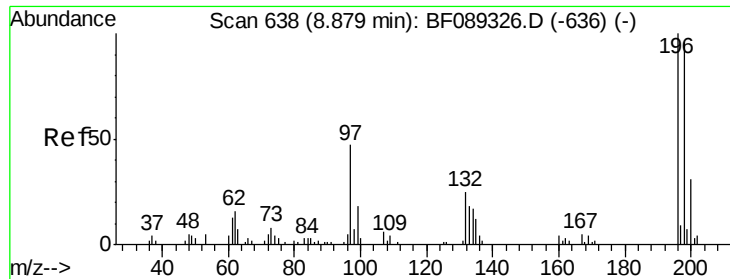
Tgt Ion:330 Resp: 76882
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.8 115.2
 141 46.1 37.3 55.9



#42
 2,4,6-Trichlorophenol
 Concen: 53.43 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion:196 Resp: 67756
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.5 113.3
 200 31.7 23.9 35.9

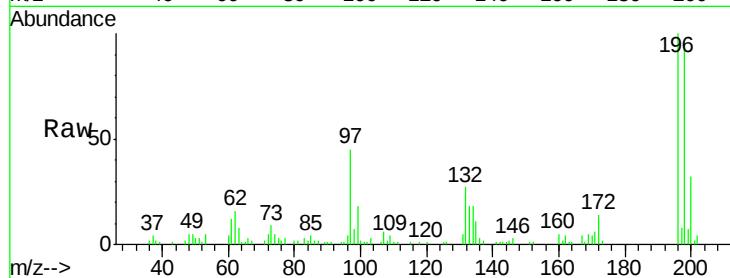




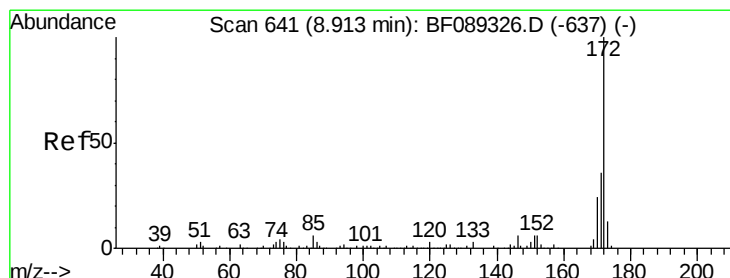
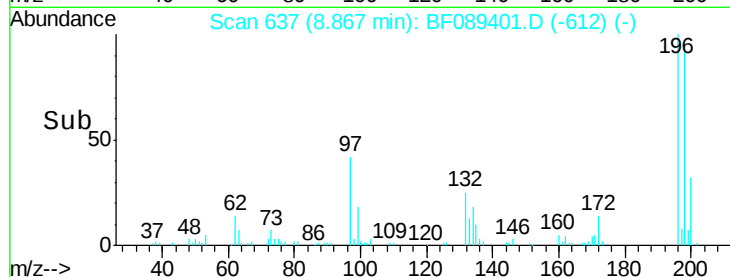
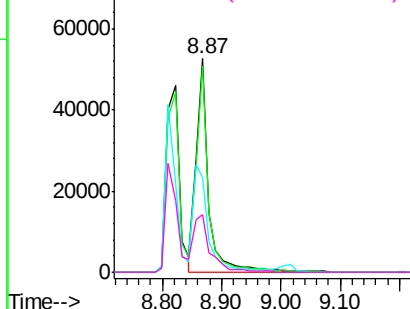
#43
 2,4,5-Trichlorophenol
 Concen: 49.22 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

Tgt Ion:196 Resp: 79068
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.7 118.1
 97 44.6 39.7 59.5
 132 26.7 22.8 34.2

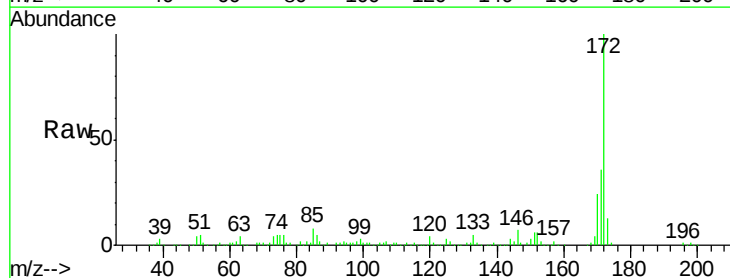


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

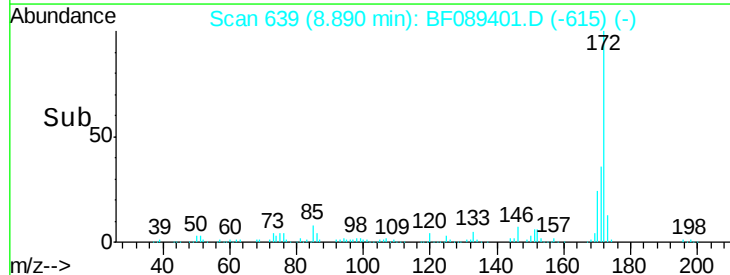
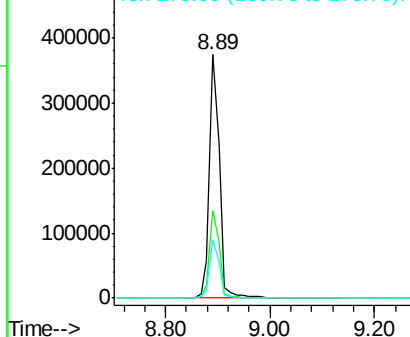


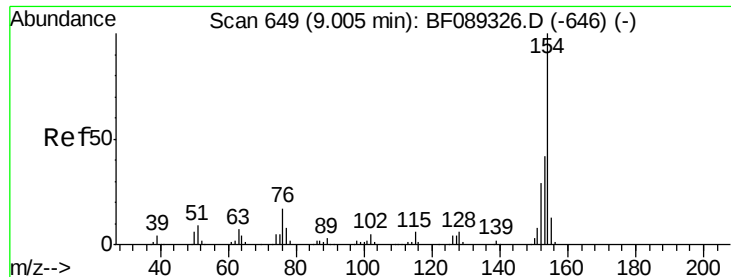
#44
 2-Fluorobiphenyl
 Concen: 95.54 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion:172 Resp: 496254
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.7 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 47.46 ng

RT: 8.99 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

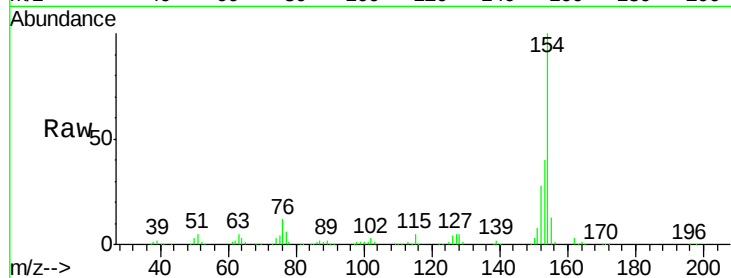
Tgt Ion:154 Resp: 308027

Ion Ratio Lower Upper

154 100

153 40.4 21.0 61.0

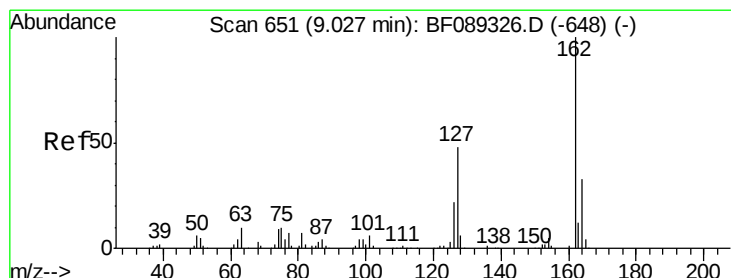
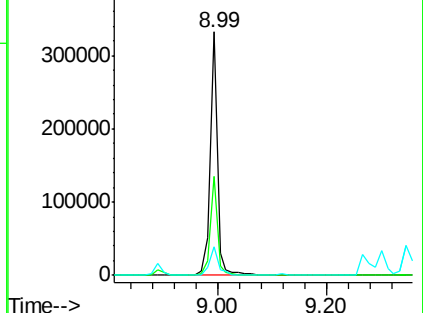
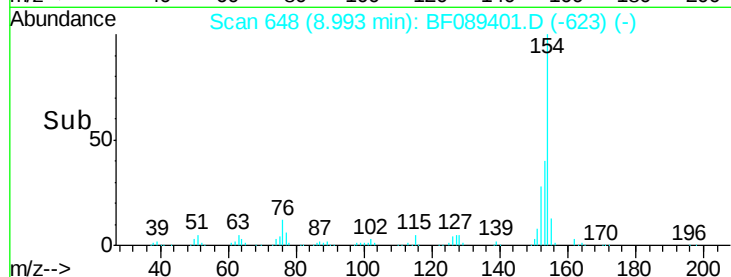
76 11.7 0.0 36.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 51.90 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

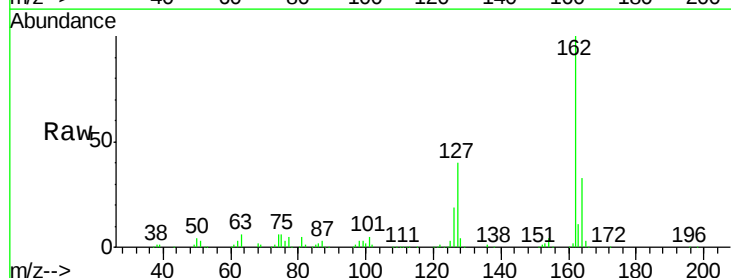
Tgt Ion:162 Resp: 252969

Ion Ratio Lower Upper

162 100

127 39.7 37.8 56.8

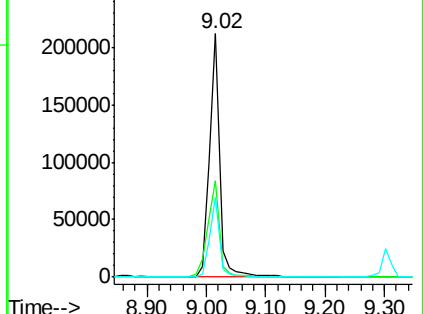
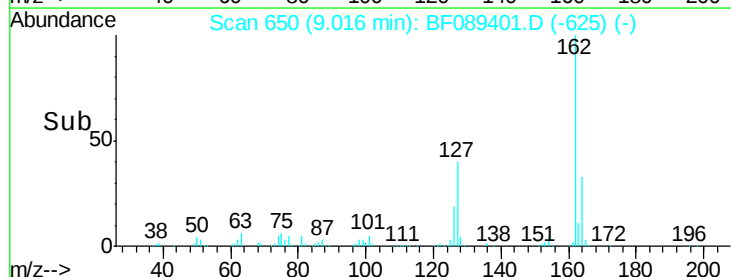
164 32.7 25.8 38.8

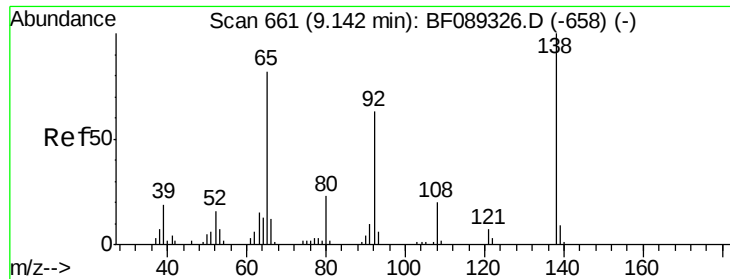


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

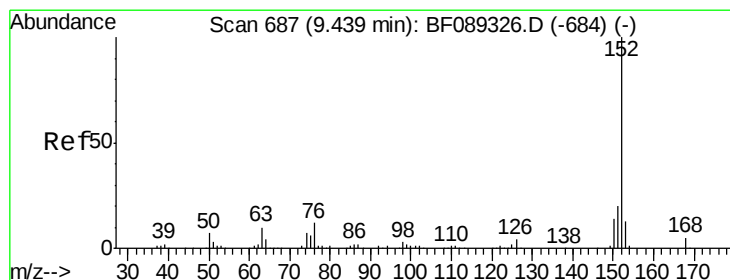
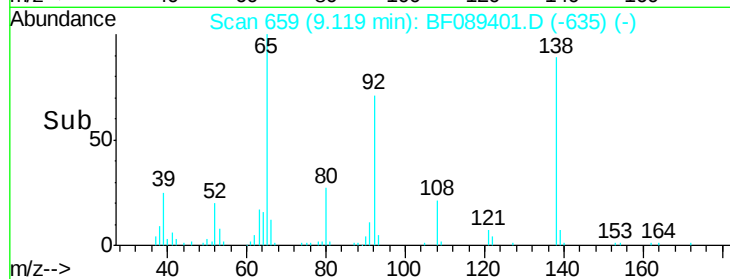
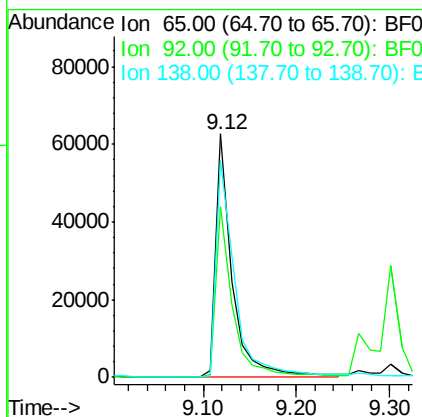
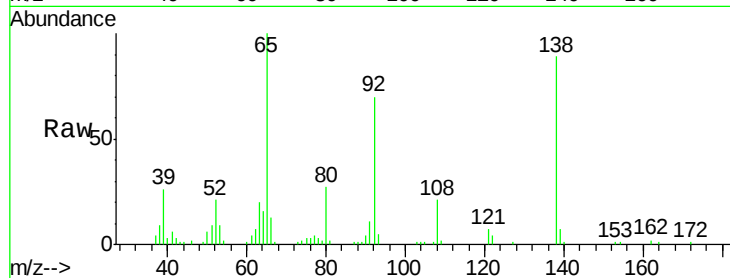




#47
 2-Nitroaniline
 Concen: 53.37 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.02 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

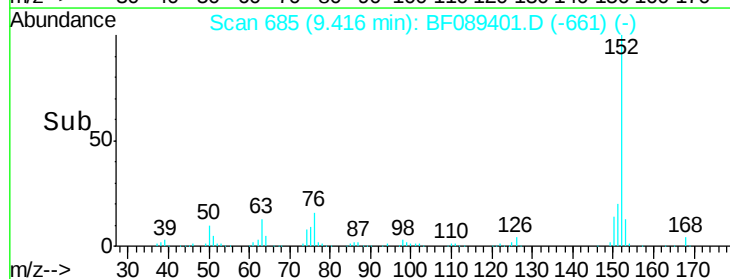
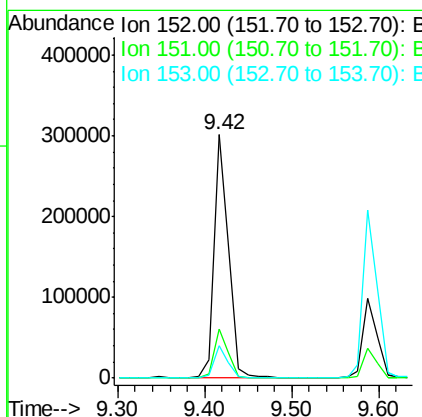
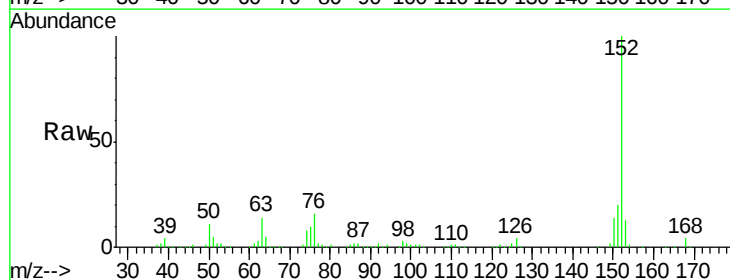
Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

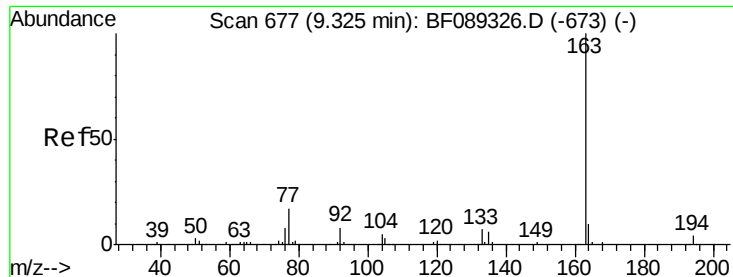
Tgt Ion: 65 Resp: 77030
 Ion Ratio Lower Upper
 65 100
 92 70.1 61.0 91.4
 138 88.8 99.1 148.7#



#48
 Acenaphthylene
 Concen: 46.57 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.02 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion: 152 Resp: 357568
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.2 24.2
 153 13.3 10.2 15.4

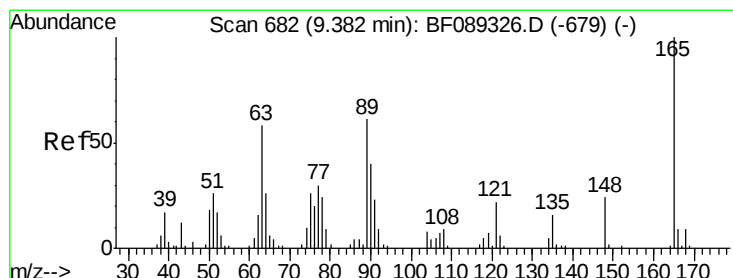
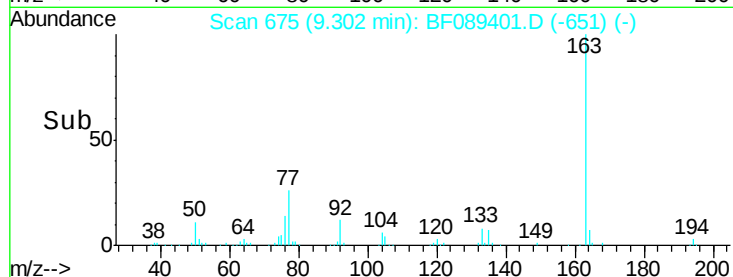
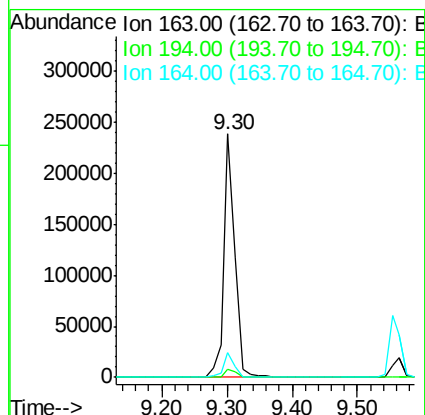
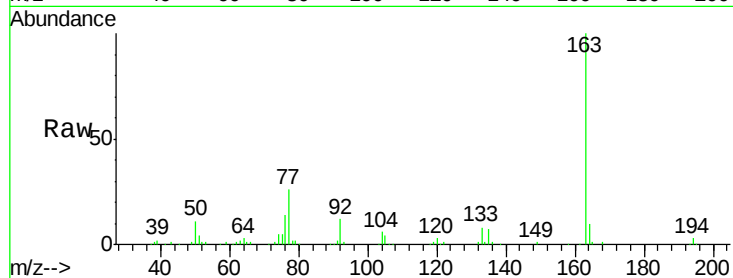




#49
Dimethylphthalate
Concen: 49.14 ng
RT: 9.30 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

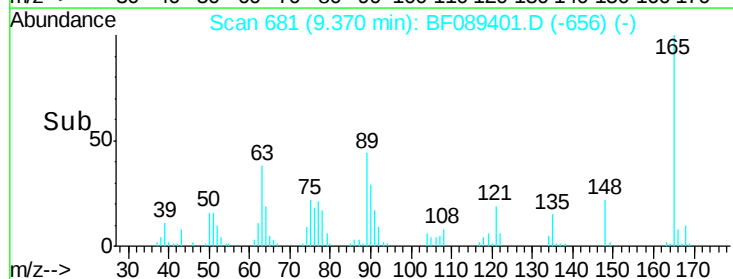
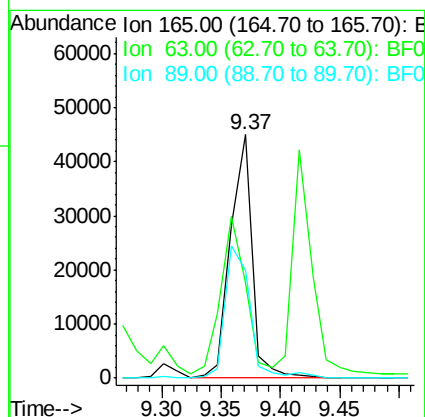
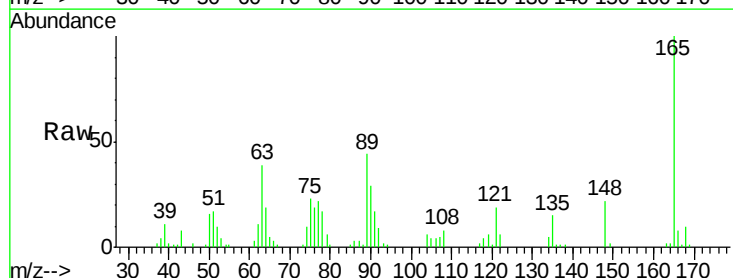
Instrument :
BNA_F
ClientSampleId :
I-2MS

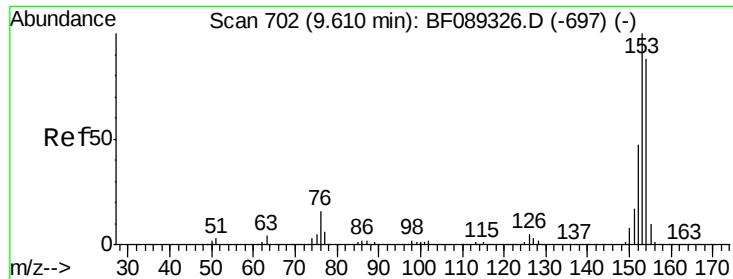
Tgt Ion:163 Resp: 285069
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.4 7.8 11.8



#50
2,6-Dinitrotoluene
Concen: 48.17 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion:165 Resp: 57417
Ion Ratio Lower Upper
165 100
63 39.2 43.5 65.3#
89 44.1 45.0 67.4#





#51

Acenaphthene

Concen: 46.14 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

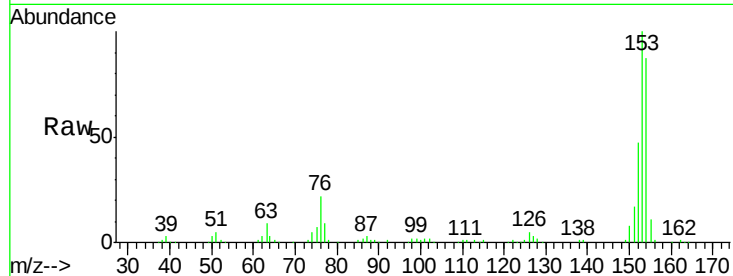
Tgt Ion:154 Resp: 206876

Ion Ratio Lower Upper

154 100

153 115.2 91.4 137.2

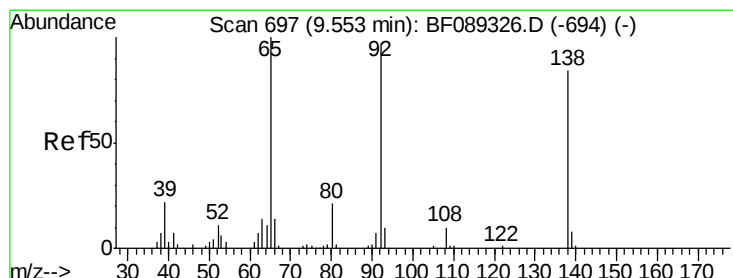
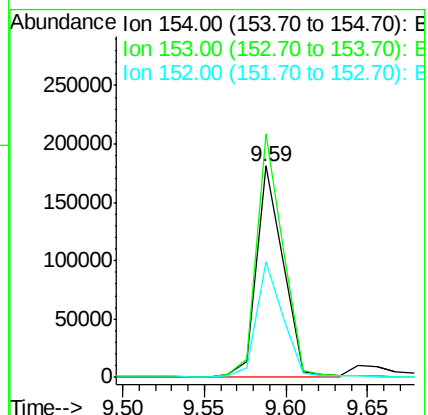
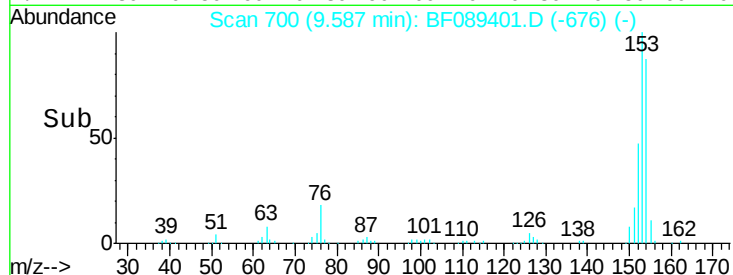
152 54.6 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.75 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

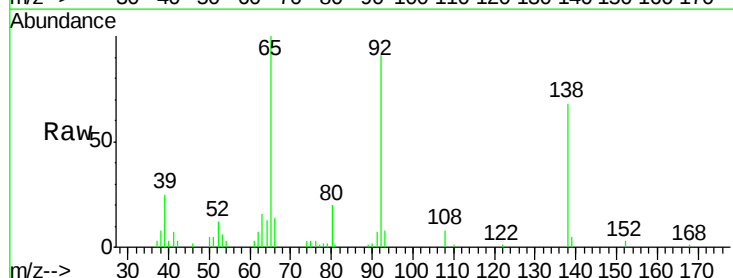
Tgt Ion:138 Resp: 33643

Ion Ratio Lower Upper

138 100

108 12.1 8.6 13.0

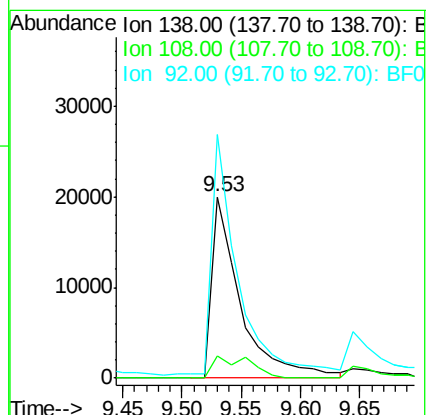
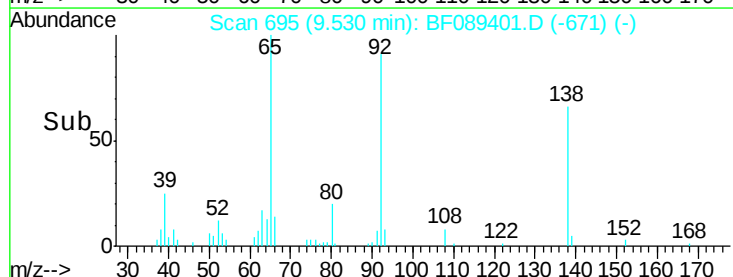
92 134.3 90.0 135.0

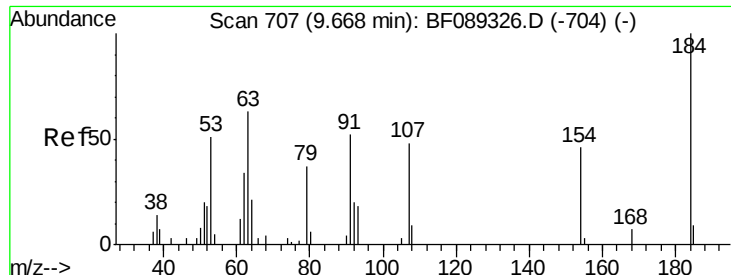


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

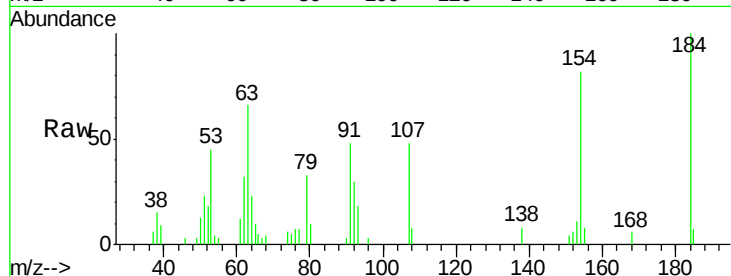




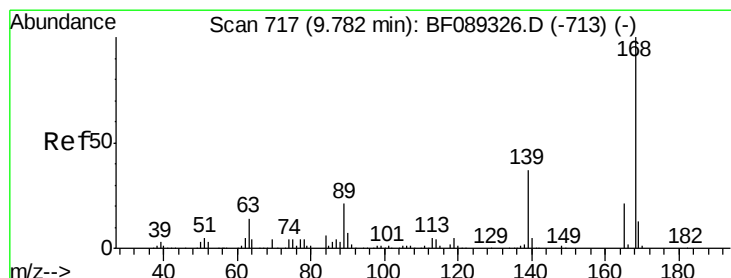
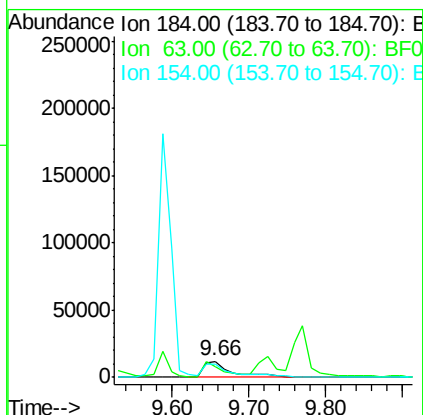
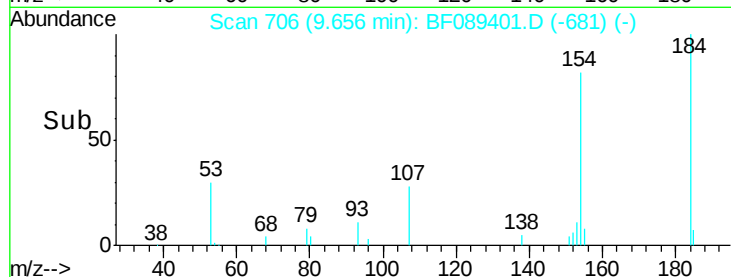
#53
2,4-Dinitrophenol
Concen: 62.47 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Instrument :
BNA_F
ClientSampleId :
I-2MS

Tgt Ion:184 Resp: 30324
Ion Ratio Lower Upper
184 100
63 65.9 60.6 90.8
154 82.3 69.8 104.8

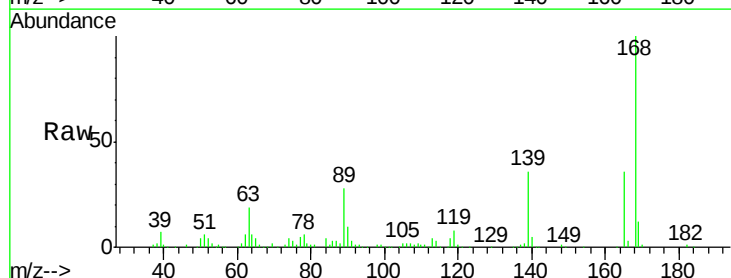


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

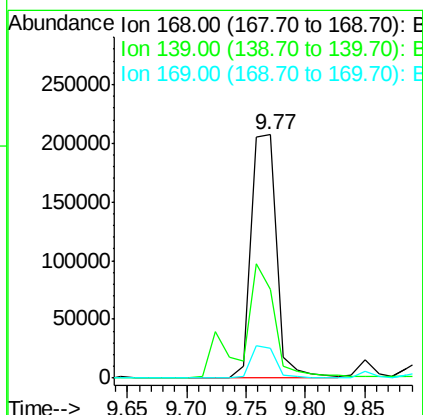
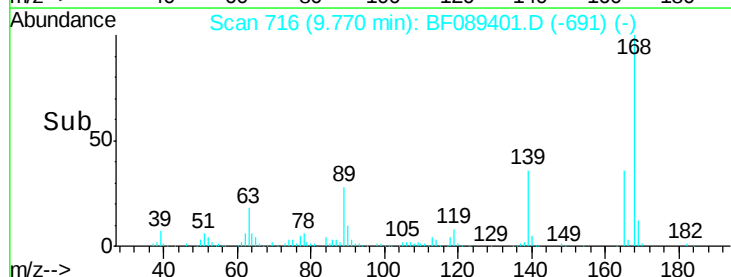


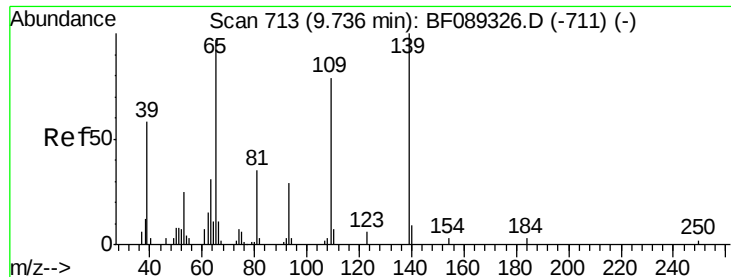
#54
Dibenzofuran
Concen: 51.32 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion:168 Resp: 313527
Ion Ratio Lower Upper
168 100
139 36.2 33.7 50.5
169 12.4 10.7 16.1



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





#55

4-Nitrophenol

Concen: 81.94 ng m

RT: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

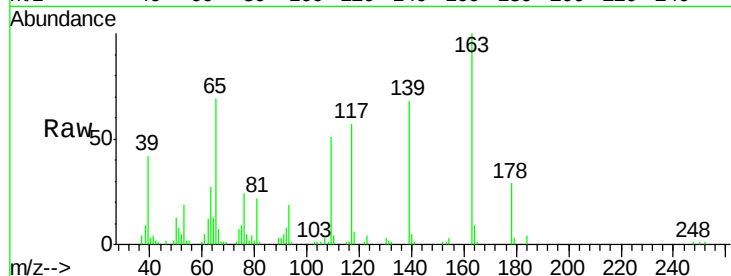
Tgt Ion:139 Resp: 50297

Ion Ratio Lower Upper

139 100

109 75.1 57.8 97.8

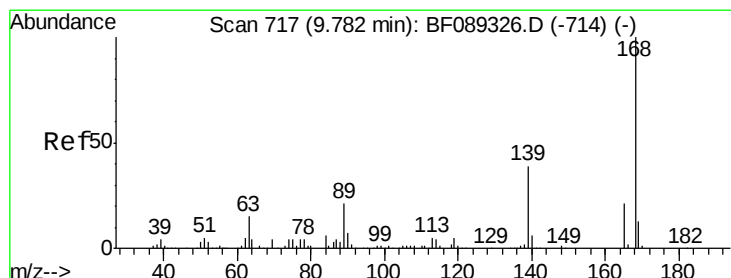
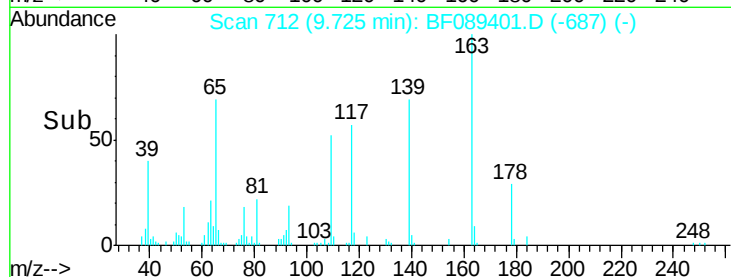
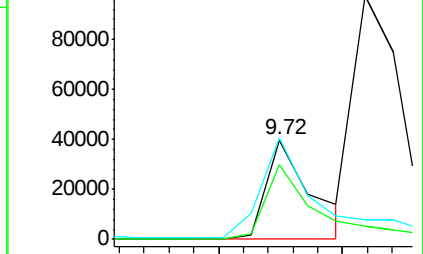
65 101.5 81.7 121.7



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): E



#56

2,4-Dinitrotoluene

Concen: 49.57 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Tgt Ion:165 Resp: 77793

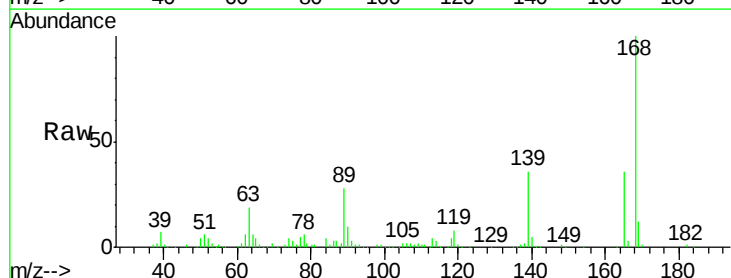
Ion Ratio Lower Upper

165 100

63 51.6 58.2 87.2#

89 77.6 79.1 118.7#

182 2.6 1.8 2.8

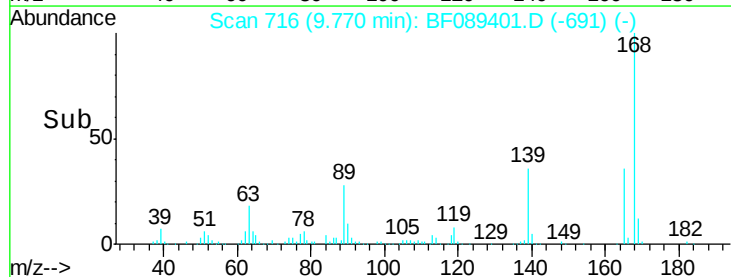
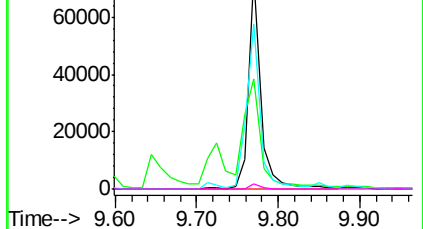


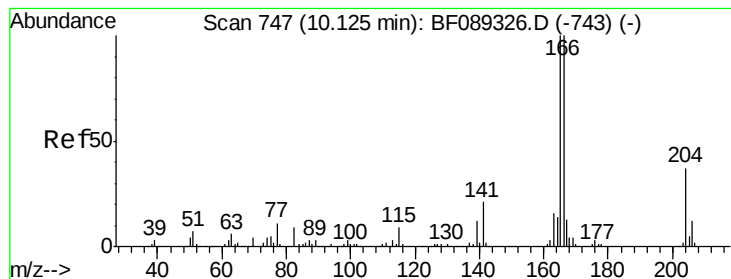
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.79 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

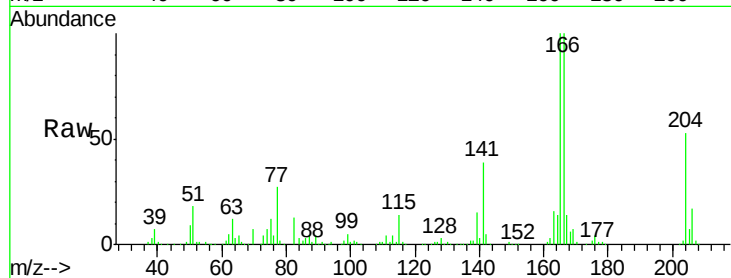
Tgt Ion:166 Resp: 238881

Ion Ratio Lower Upper

166 100

165 100.1 79.0 118.4

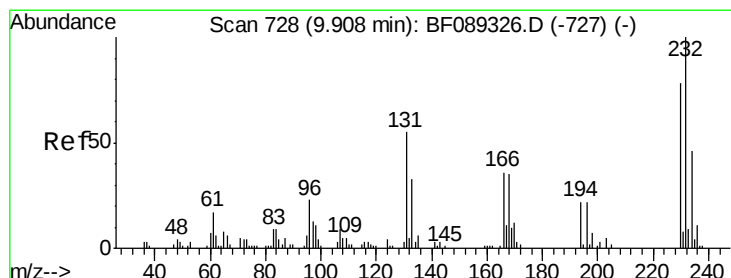
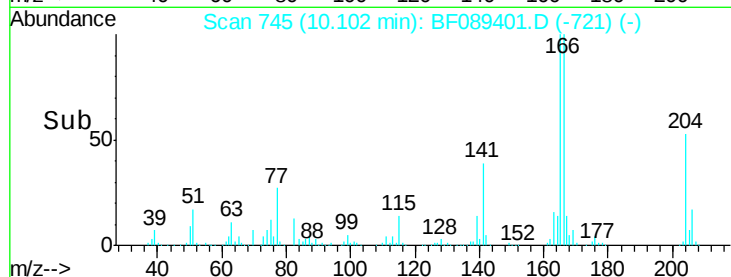
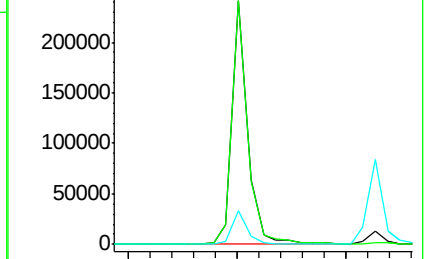
167 14.0 10.2 15.2



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: 53.78 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Tgt Ion:232 Resp: 57685

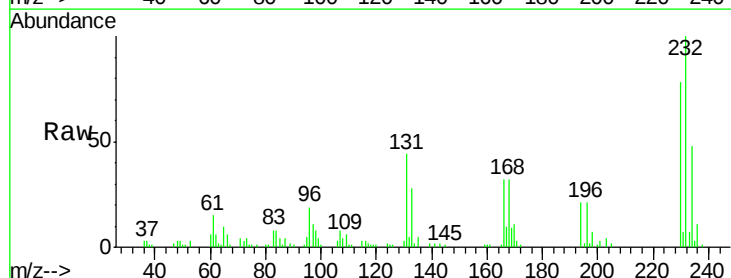
Ion Ratio Lower Upper

232 100

131 52.9 42.7 64.1

130 2.4 1.7 2.5

166 33.7 25.7 38.5

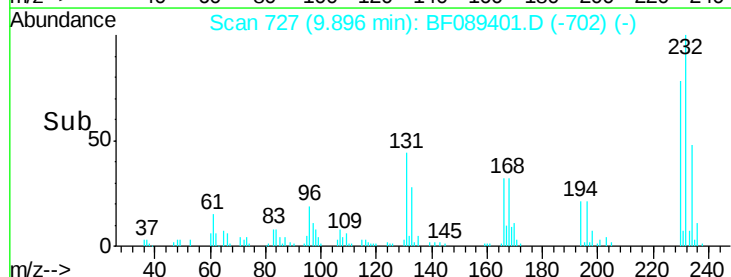
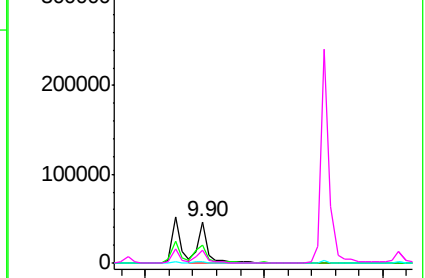


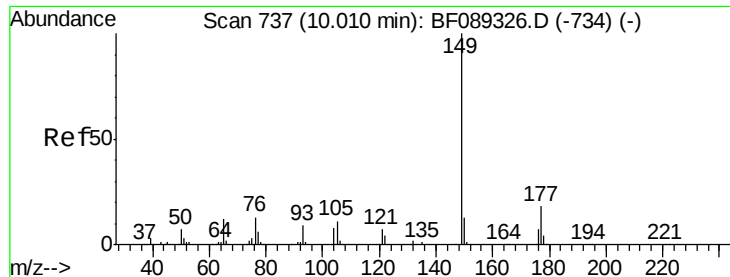
Abundance Ion 232.00 (231.70 to 232.70): E

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

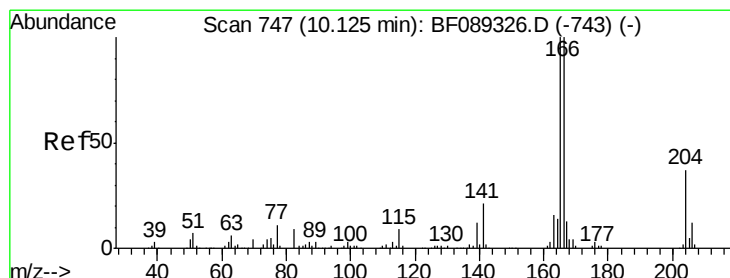
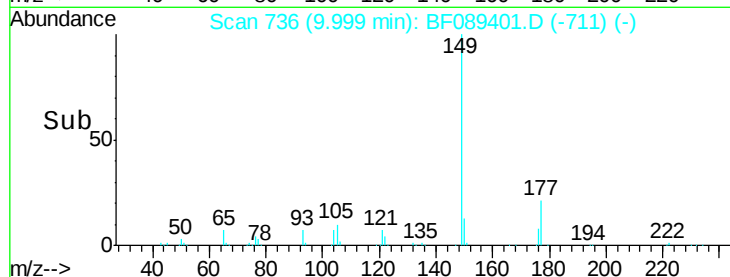
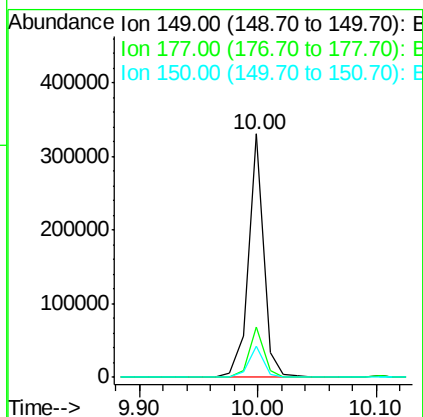
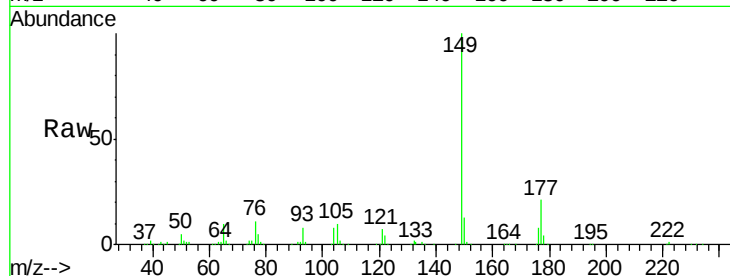




#59
Diethylphthalate
Concen: 50.68 ng
RT: 10.00 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

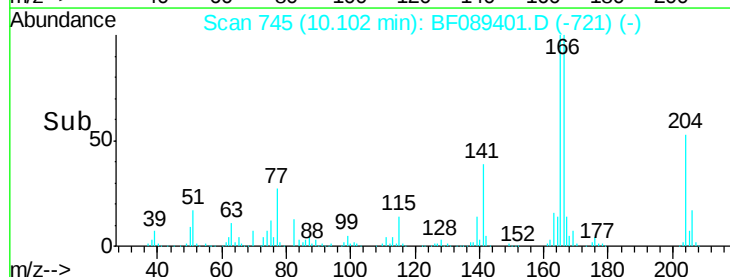
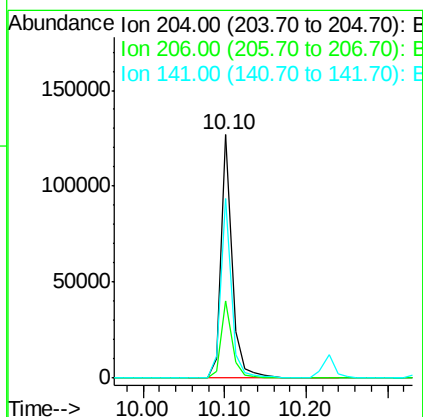
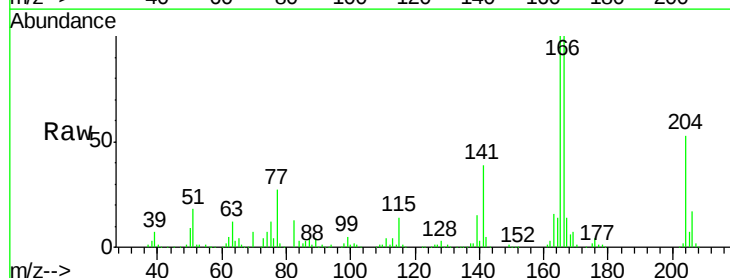
Instrument :
BNA_F
ClientSampleId :
I-2MS

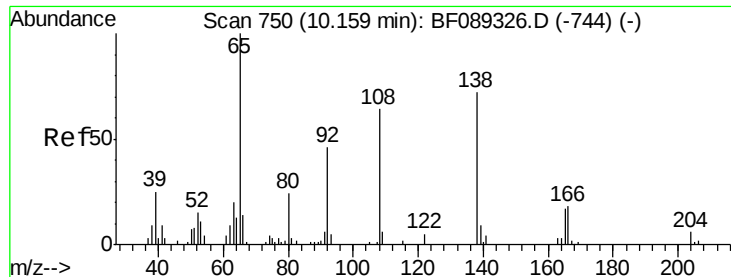
Tgt Ion:149 Resp: 298057
Ion Ratio Lower Upper
149 100
177 20.6 15.1 22.7
150 12.8 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 48.57 ng
RT: 10.10 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion:204 Resp: 118819
Ion Ratio Lower Upper
204 100
206 31.7 26.6 39.8
141 74.0 46.6 70.0#

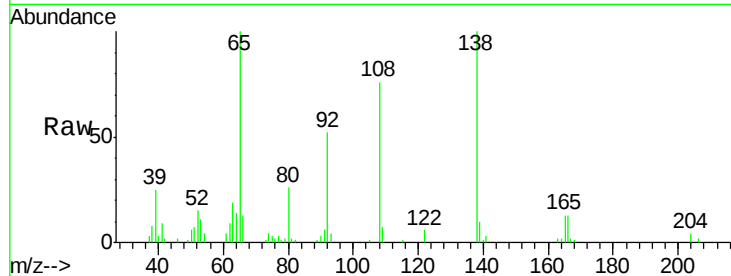




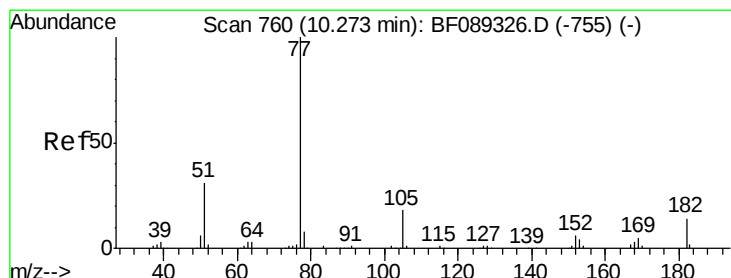
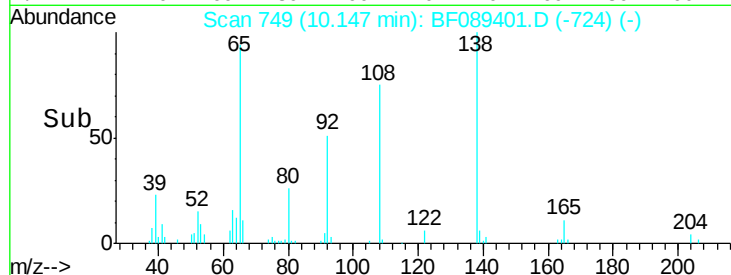
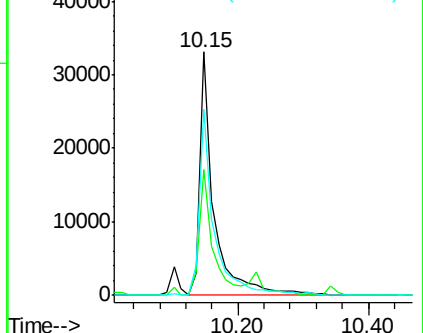
#61
4-Nitroaniline
Concen: 37.92 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Instrument :
BNA_F
ClientSampleId :
I-2MS

Tgt Ion:138 Resp: 49171
Ion Ratio Lower Upper
138 100
92 51.7 41.2 81.2
108 76.3 69.6 109.6

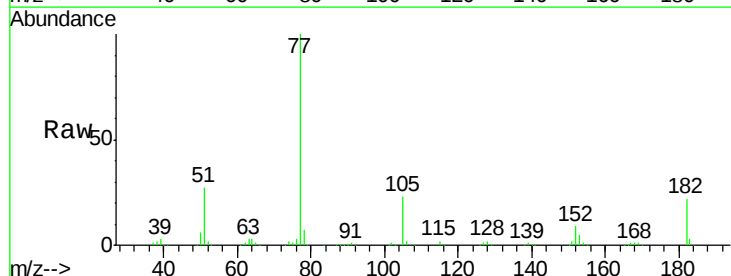


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

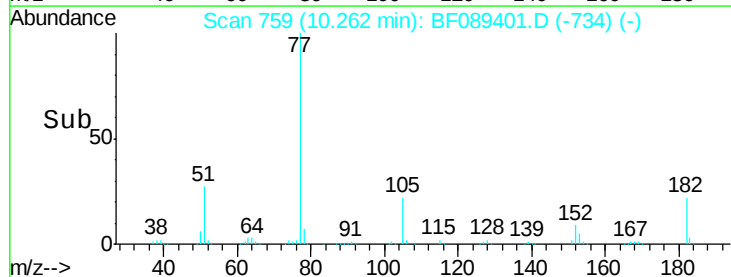
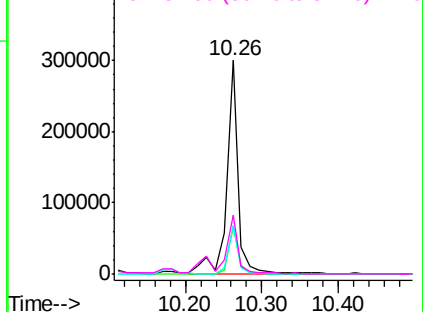


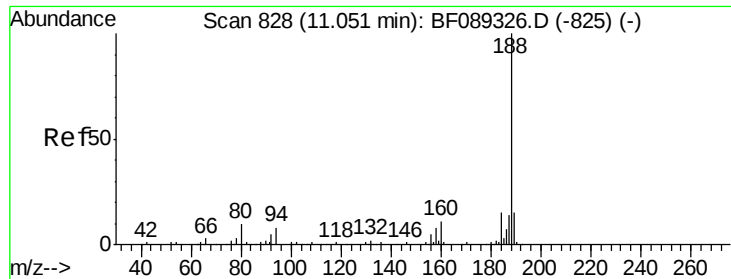
#62
Azobenzene
Concen: 52.00 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion: 77 Resp: 314936
Ion Ratio Lower Upper
77 100
182 22.3 0.0 33.8
105 22.5 0.0 39.8
51 27.4 11.0 51.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.03 min Scan# 826

Delta R.T. -0.02 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

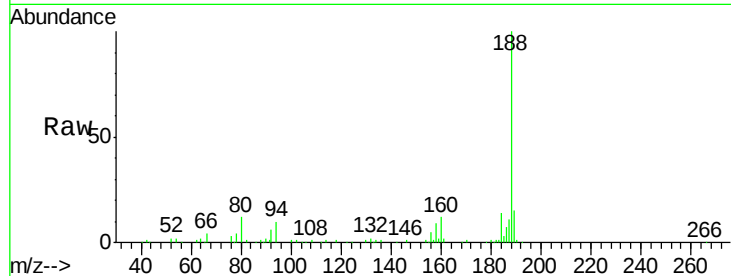
Tgt Ion:188 Resp: 124702

Ion Ratio Lower Upper

188 100

94 10.3 6.5 9.7#

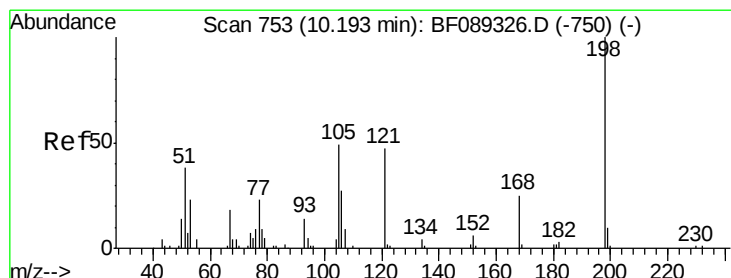
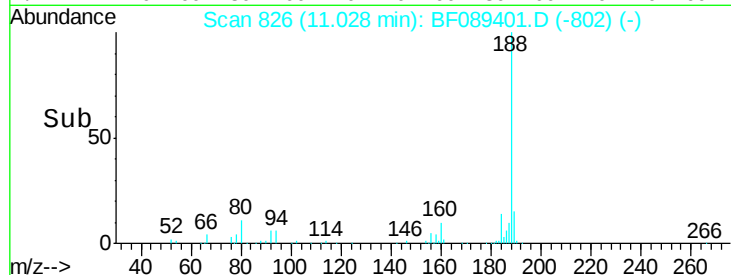
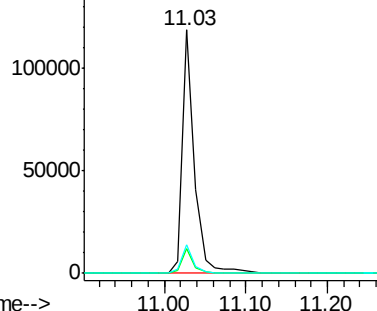
80 12.0 7.2 10.8#



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: 29.21 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

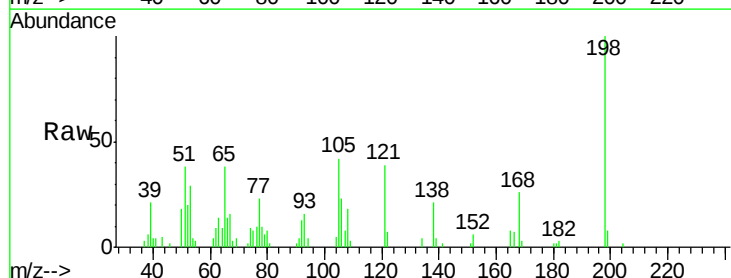
Tgt Ion:198 Resp: 20581

Ion Ratio Lower Upper

198 100

51 38.3 23.0 63.0

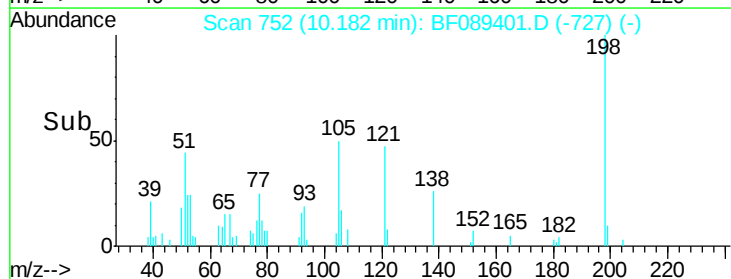
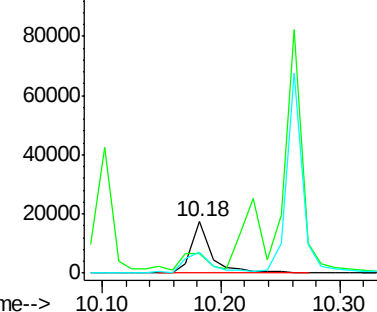
105 41.6 28.3 68.3

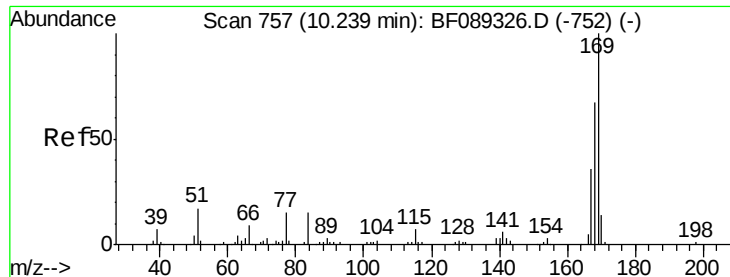


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

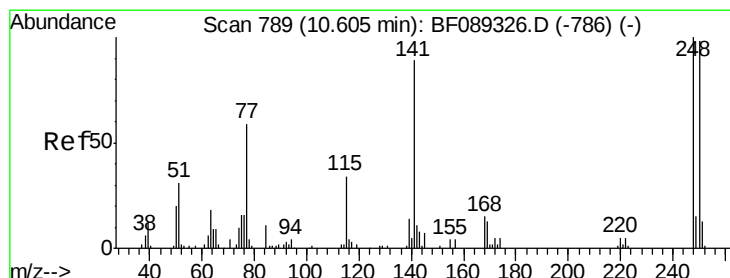
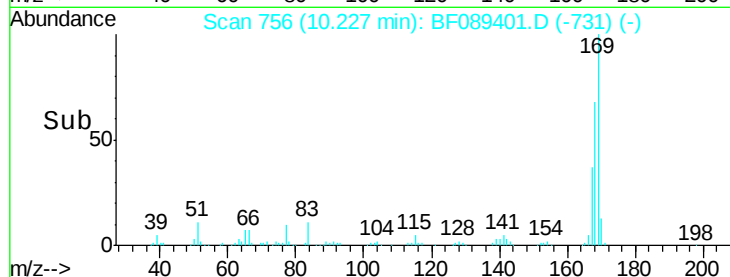
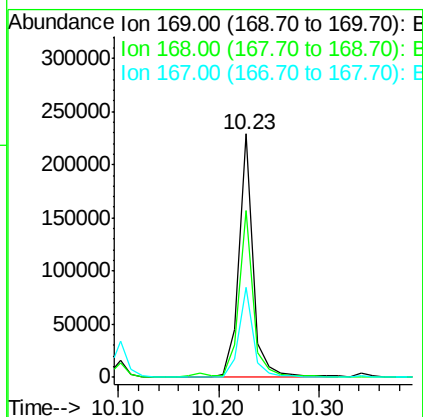
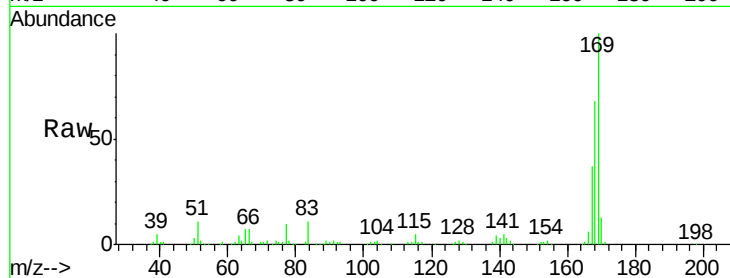




#65
n-Nitrosodiphenylamine
Concen: 58.63 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

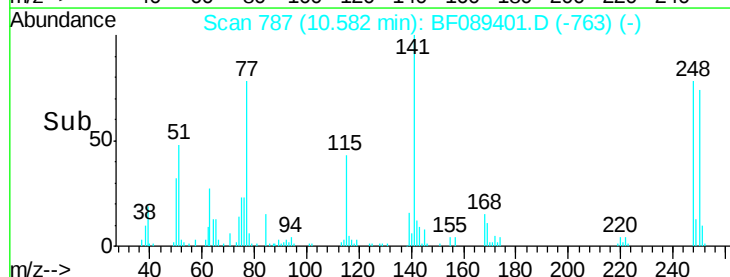
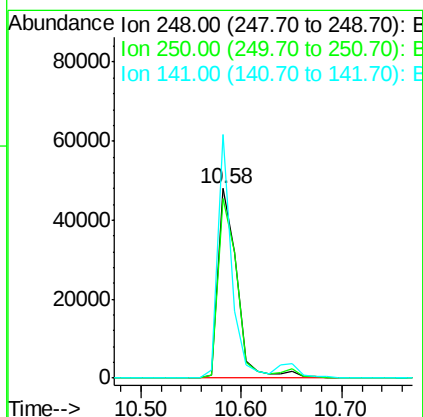
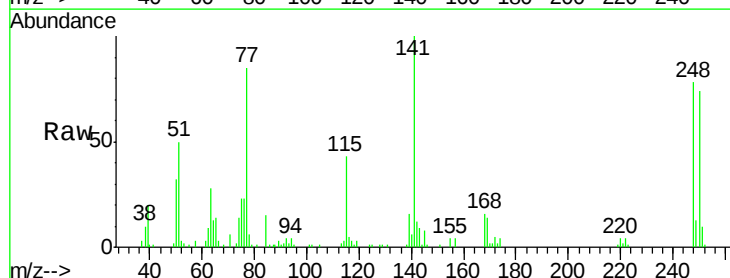
Instrument :
BNA_F
ClientSampleId :
I-2MS

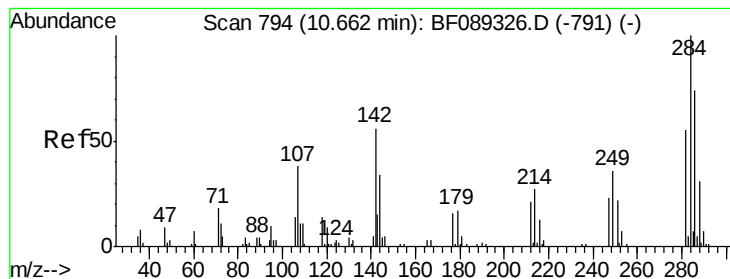
Tgt Ion:169 Resp: 228114
Ion Ratio Lower Upper
169 100
168 68.4 55.4 83.0
167 36.7 29.7 44.5



#66
4-Bromophenyl-phenylether
Concen: 52.79 ng
RT: 10.58 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion:248 Resp: 62847
Ion Ratio Lower Upper
248 100
250 95.0 78.2 117.2
141 128.6 62.0 93.0#





#67

Hexachlorobenzene

Concen: 51.15 ng

RT: 10.65 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

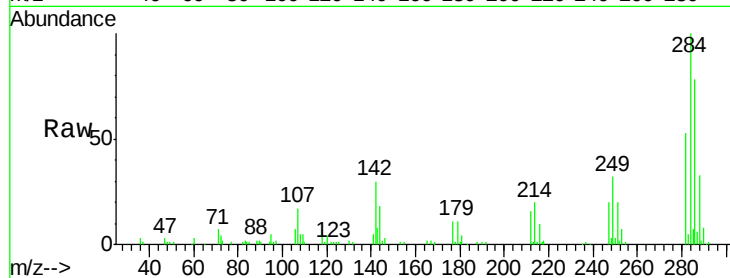
Tgt Ion:284 Resp: 62409

Ion Ratio Lower Upper

284 100

142 29.9 42.2 63.4#

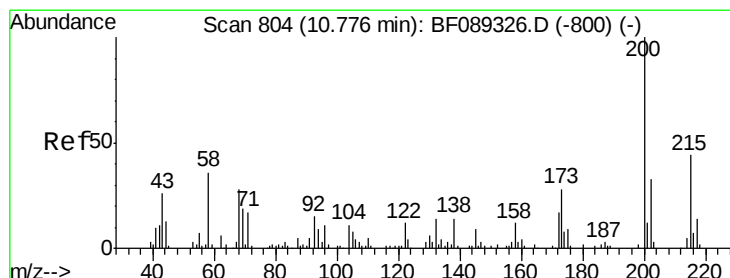
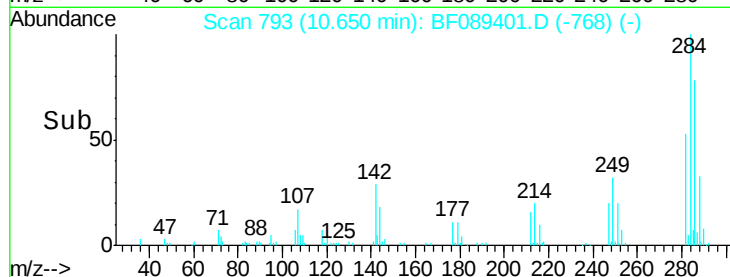
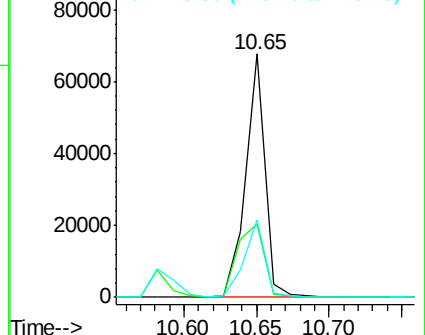
249 31.6 29.4 44.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.66 ng

RT: 10.75 min Scan# 802

Delta R.T. -0.02 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

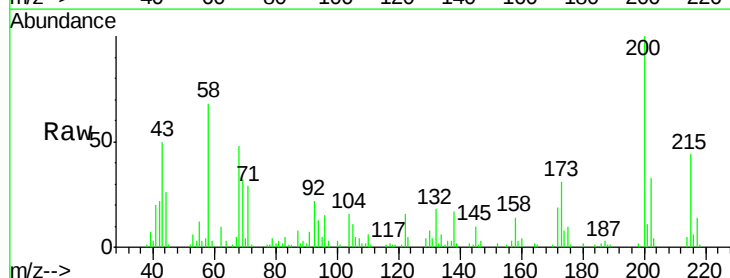
Tgt Ion:200 Resp: 55775

Ion Ratio Lower Upper

200 100

173 31.2 6.0 46.0

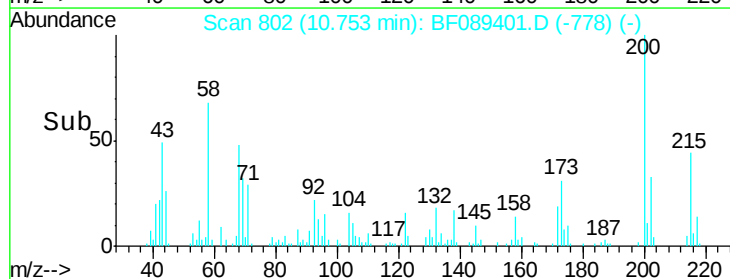
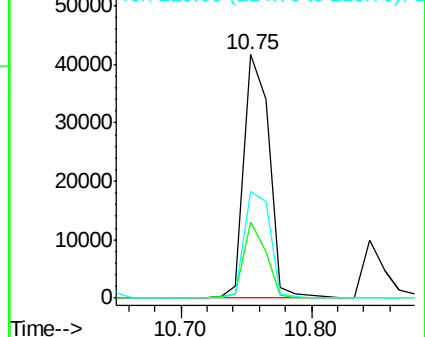
215 44.0 24.3 64.3

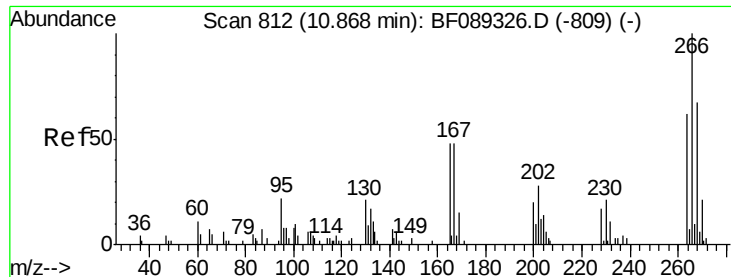


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

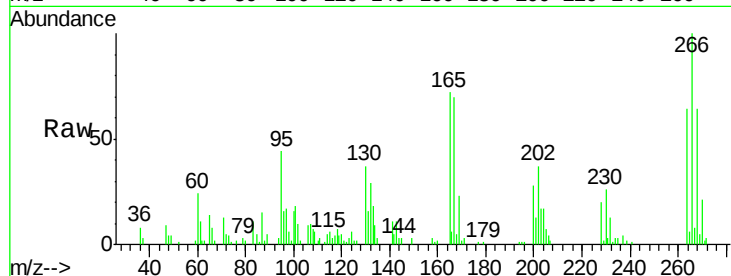




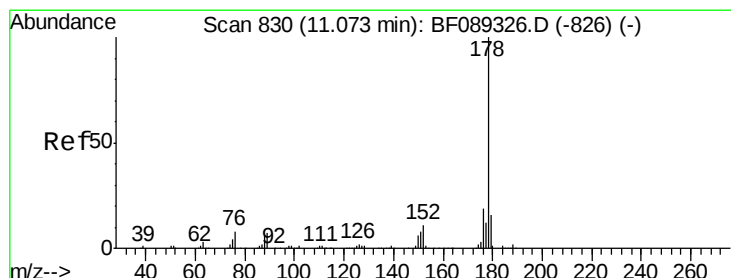
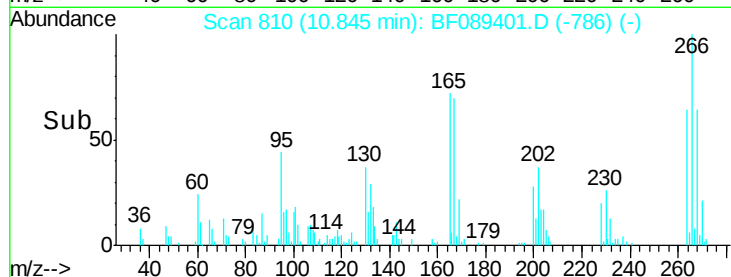
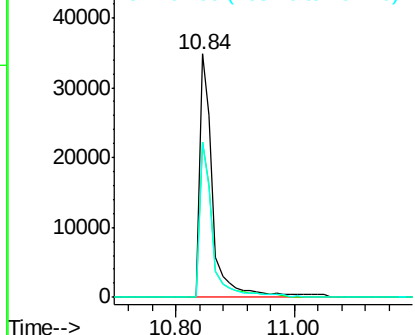
#69
 Pentachlorophenol
 Concen: 92.35 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

Tgt Ion:266 Resp: 55192
 Ion Ratio Lower Upper
 266 100
 268 64.0 49.4 74.2
 264 64.0 50.2 75.2

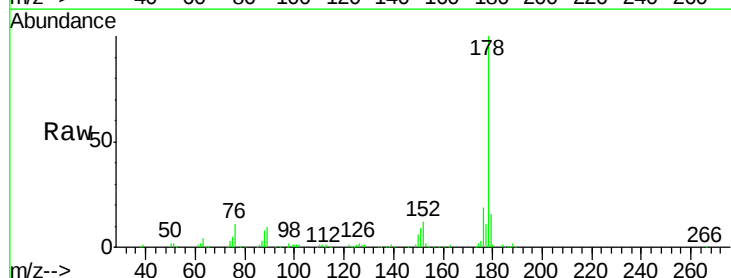


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

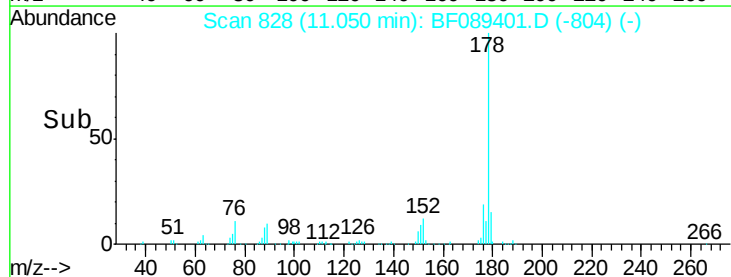
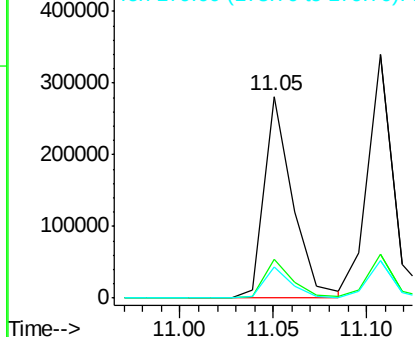


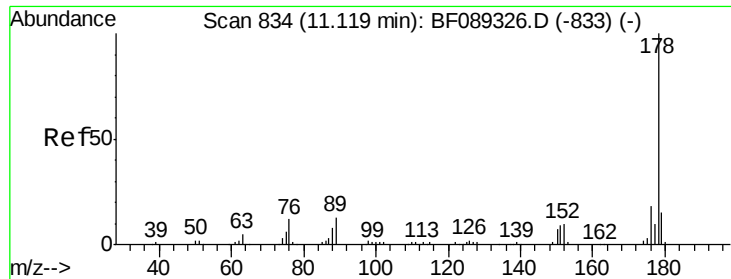
#70
 Phenanthrene
 Concen: 46.84 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion:178 Resp: 301275
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 15.7 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

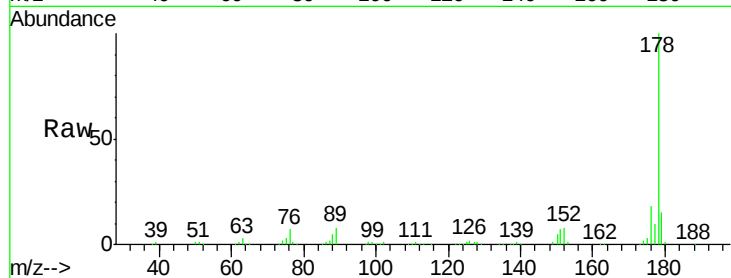




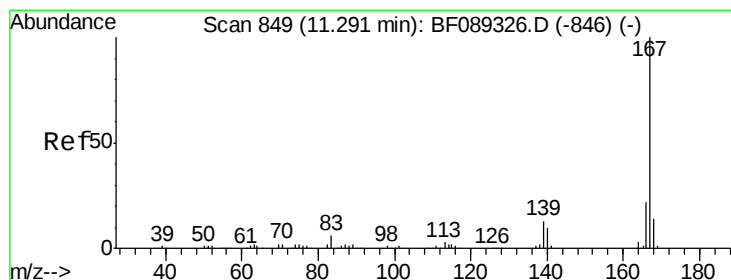
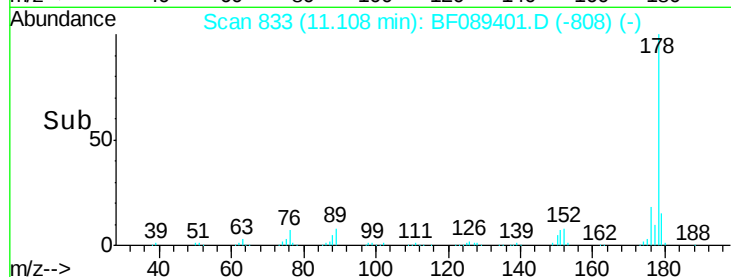
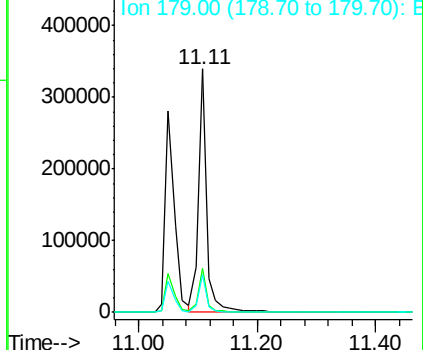
#71
 Anthracene
 Concen: 47.62 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Instrument :
 BNA_F
 ClientSampled :
 I-2MS

Tgt Ion:178 Resp: 340531
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.8 22.2
 179 15.4 12.6 18.8

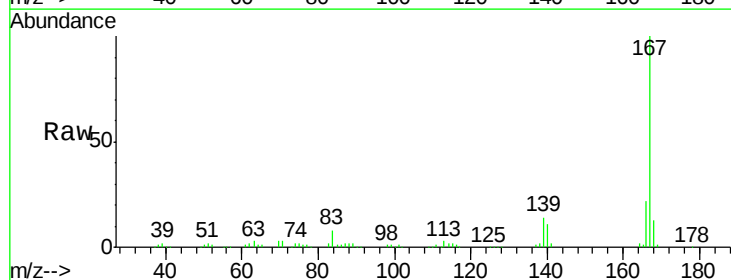


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

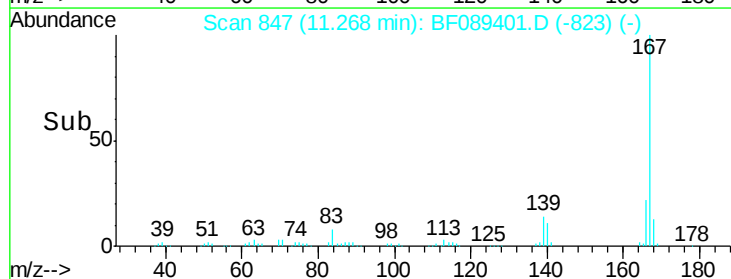
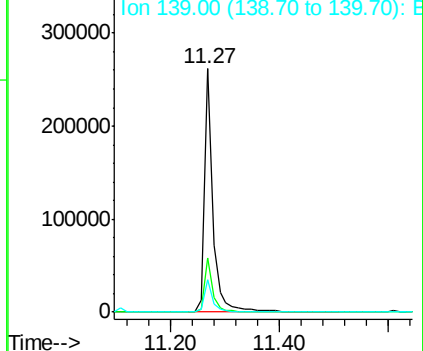


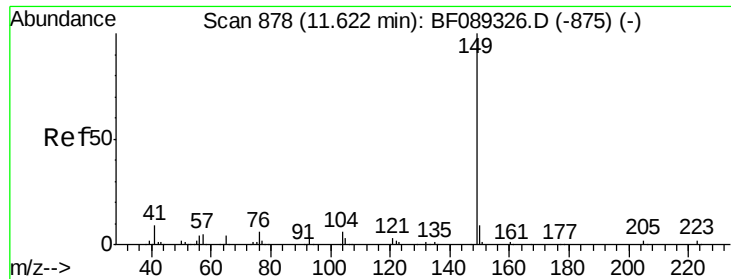
#72
 Carbazole
 Concen: 46.61 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.02 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion:167 Resp: 280567
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.5 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

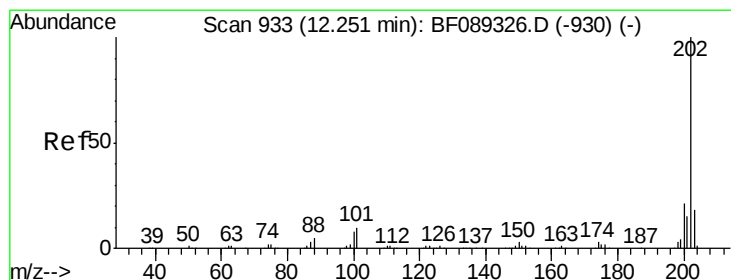
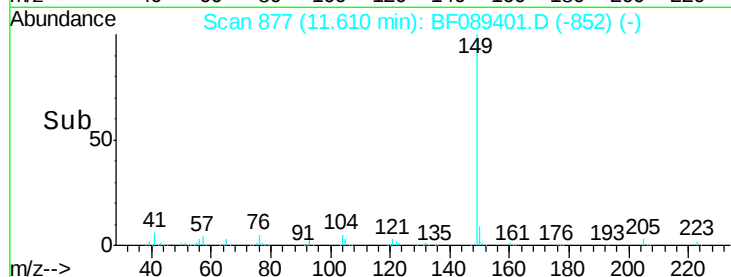
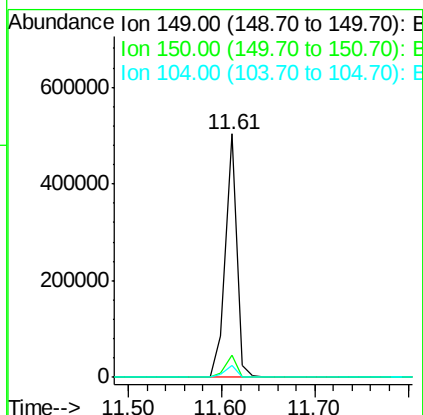
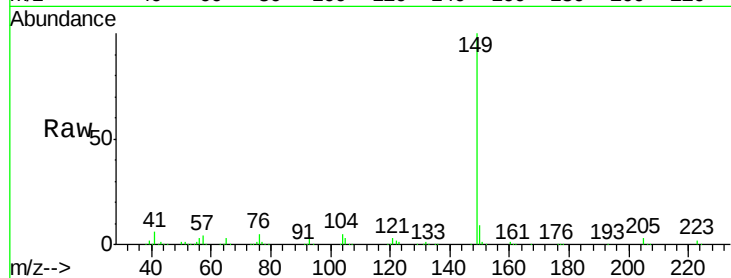




#73
Di-n-butylphthalate
Concen: 52.71 ng
RT: 11.61 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

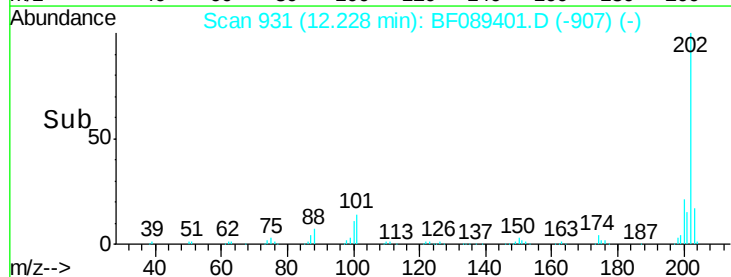
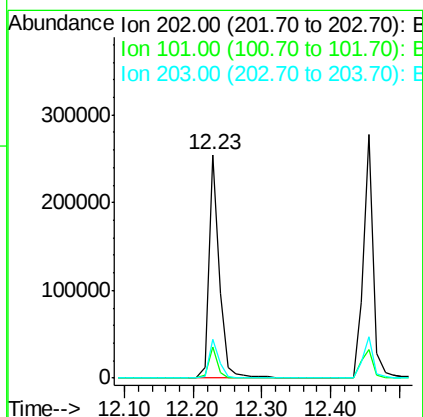
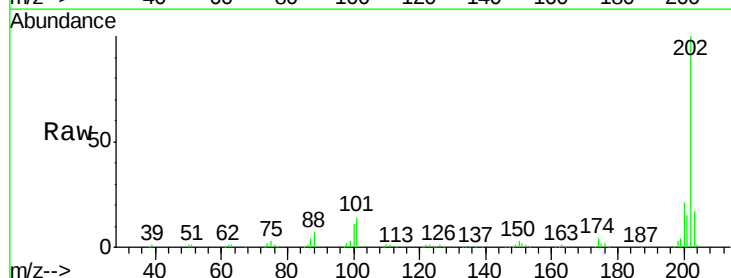
Instrument :
BNA_F
ClientSampleId :
I-2MS

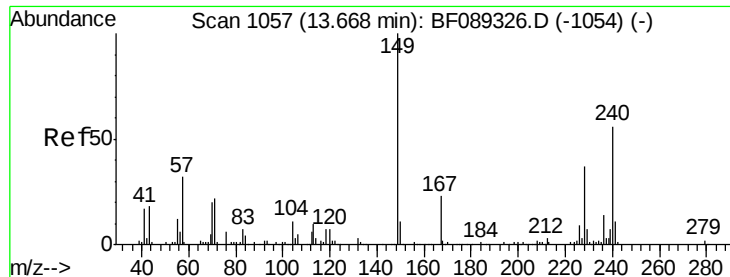
Tgt Ion:149 Resp: 425706
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 5.1 4.7 7.1



#74
Fluoranthene
Concen: 39.92 ng
RT: 12.23 min Scan# 931
Delta R.T. -0.02 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion:202 Resp: 270075
Ion Ratio Lower Upper
202 100
101 13.7 0.0 29.9
203 17.4 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.64 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

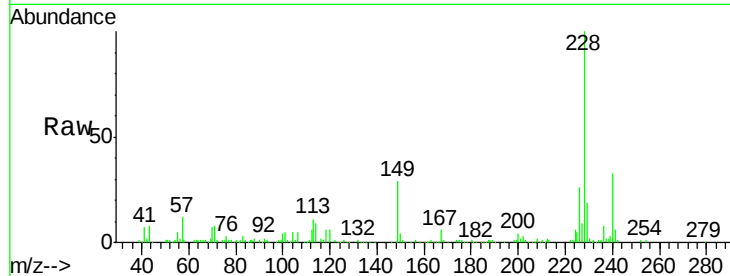
Tgt Ion:240 Resp: 79884

Ion Ratio Lower Upper

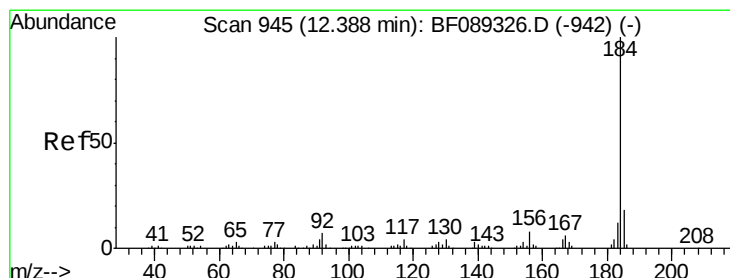
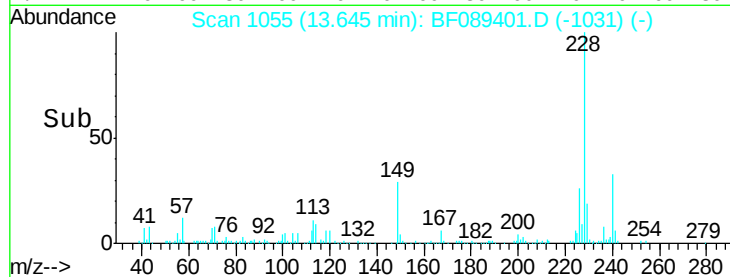
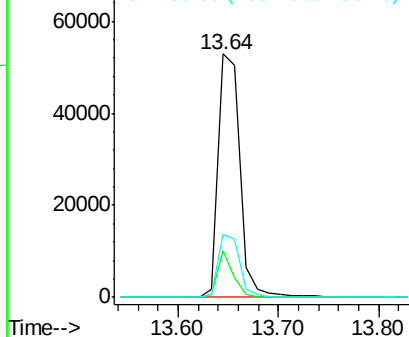
240 100

120 19.3 9.1 13.7#

236 25.8 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: 16.03 ng

RT: 12.36 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

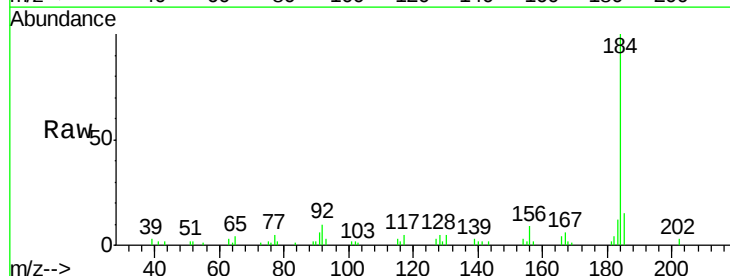
Tgt Ion:184 Resp: 47322

Ion Ratio Lower Upper

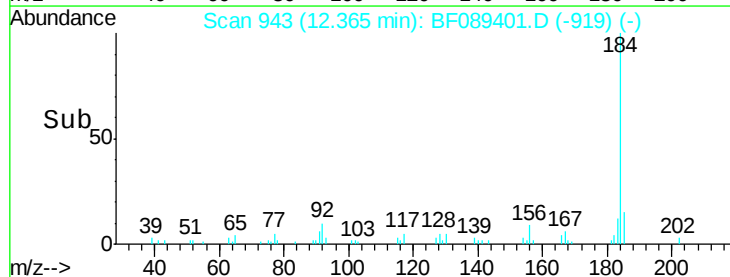
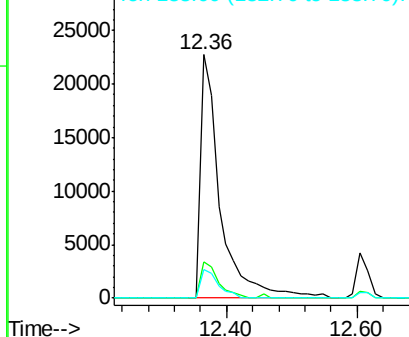
184 100

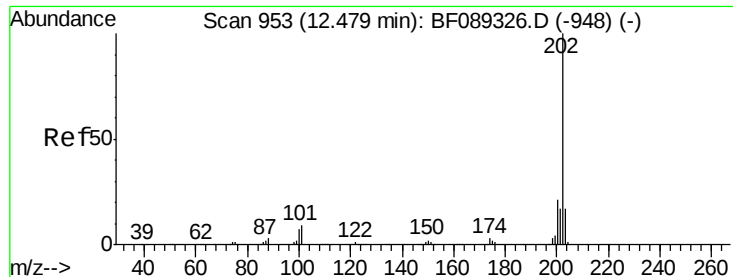
185 15.1 13.5 20.3

183 11.9 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.39 ng

RT: 12.46 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

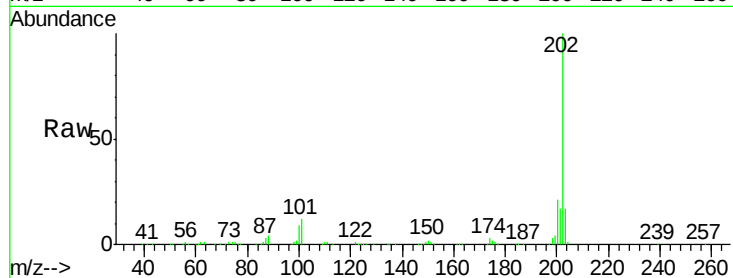
Tgt Ion:202 Resp: 280846

Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

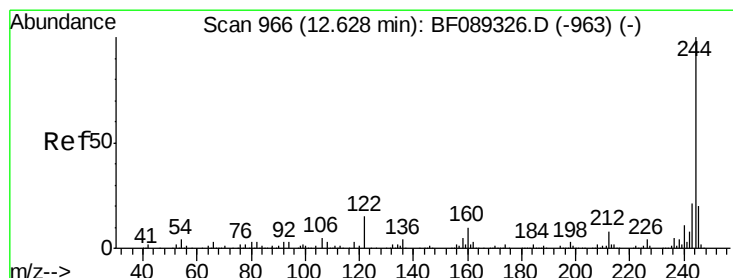
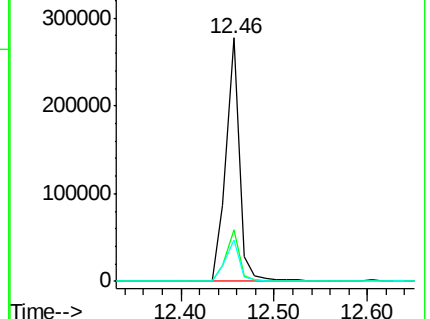
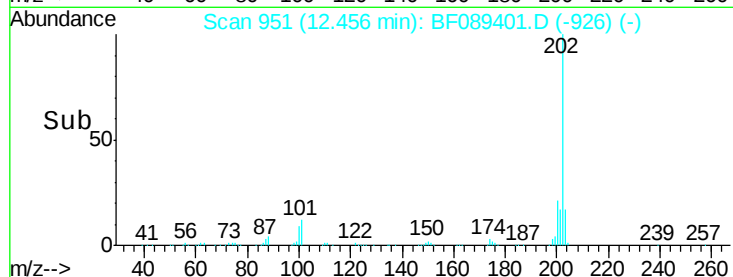
203 17.1 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.17 ng

RT: 12.60 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

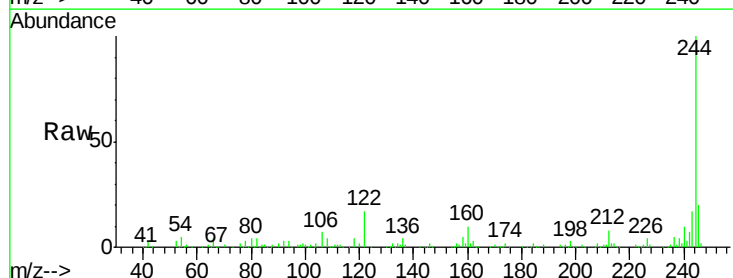
Tgt Ion:244 Resp: 311167

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

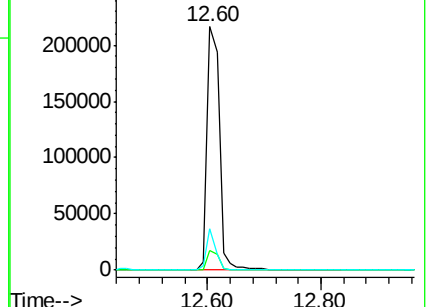
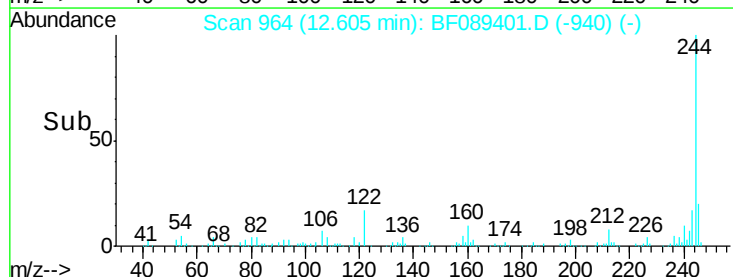
122 17.1 11.4 17.0#

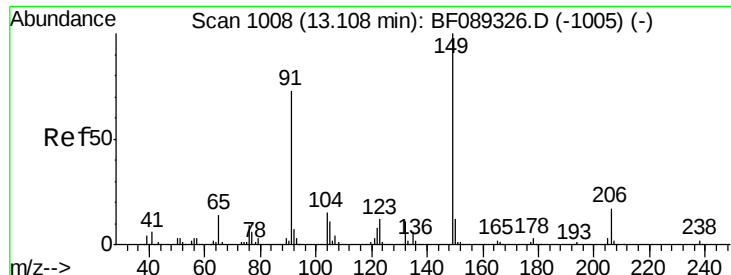


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.89 ng

RT: 13.08 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampled :

I-2MS

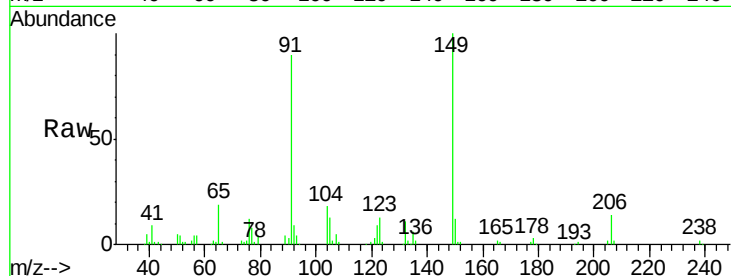
Tgt Ion:149 Resp: 129073

Ion Ratio Lower Upper

149 100

91 90.2 58.5 87.7#

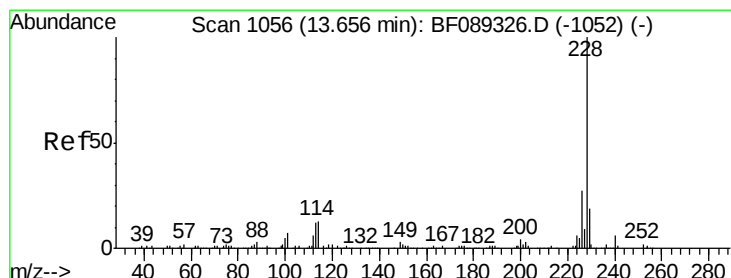
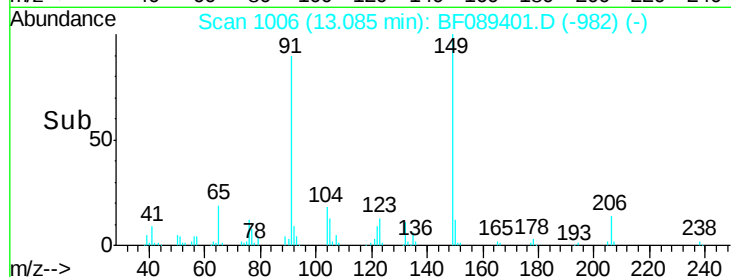
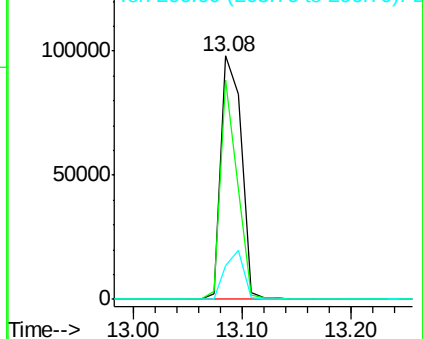
206 13.9 13.8 20.8



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: 50.84 ng

RT: 13.64 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

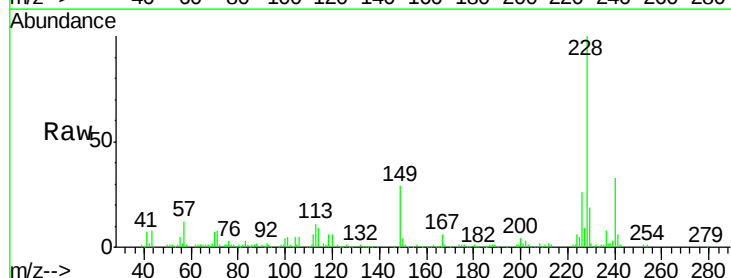
Tgt Ion:228 Resp: 229200

Ion Ratio Lower Upper

228 100

226 26.3 21.4 32.2

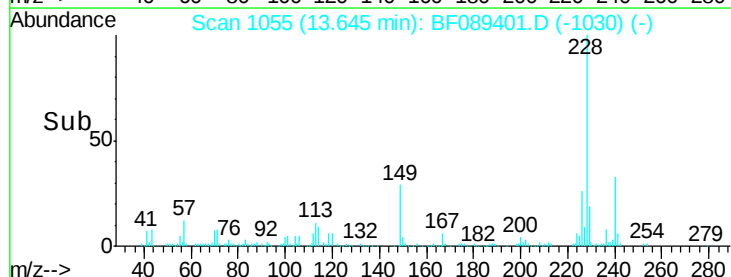
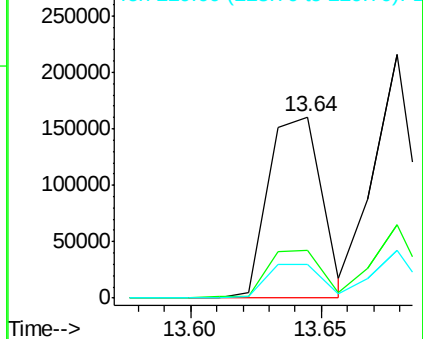
229 18.8 15.9 23.9

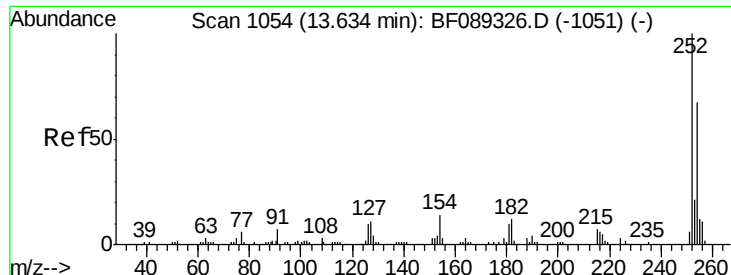


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

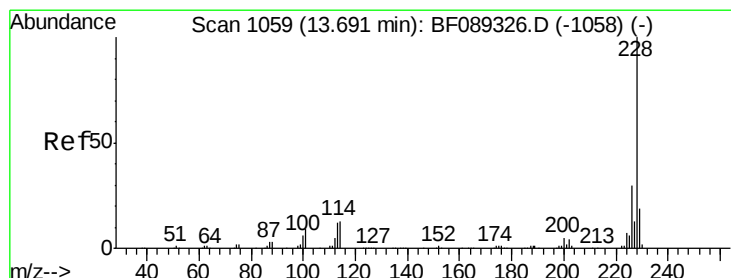
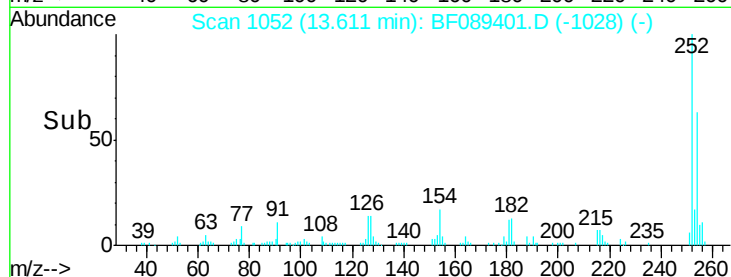
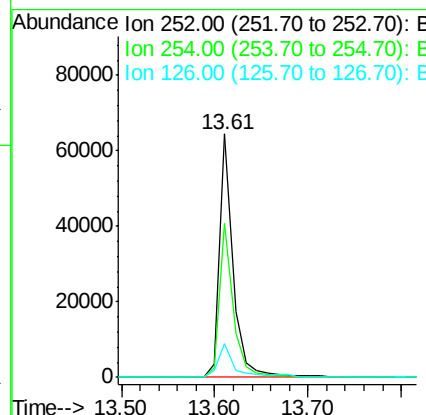
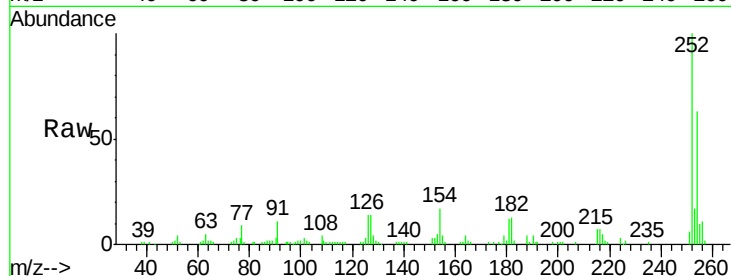




#81
 3,3'-Dichlorobenzidine
 Concen: 39.92 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

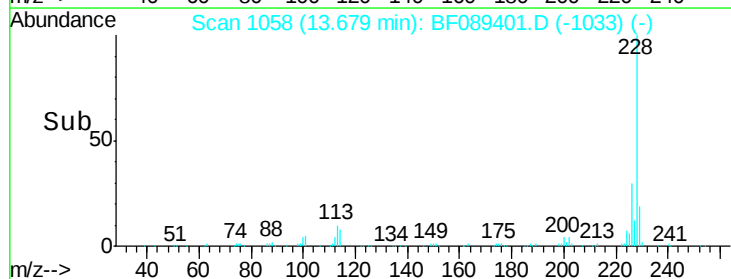
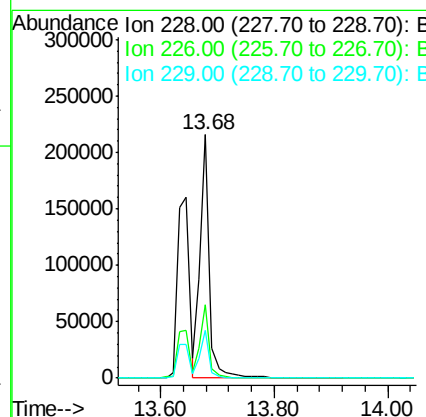
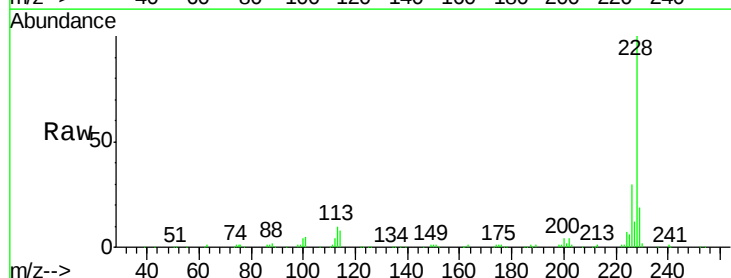
Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

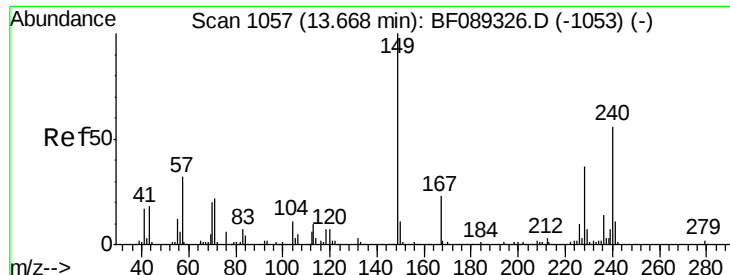
Tgt Ion: 252 Resp: 64765
 Ion Ratio Lower Upper
 252 100
 254 63.1 52.5 78.7
 126 13.7 7.4 11.2#



#82
 Chrysene
 Concen: 51.60 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion: 228 Resp: 247624
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.2 36.2
 229 19.4 15.9 23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.50 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

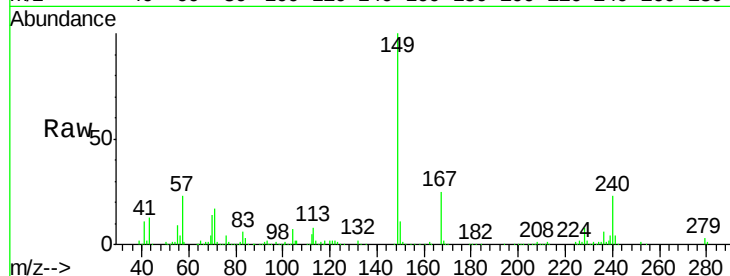
Tgt Ion:149 Resp: 192983

Ion Ratio Lower Upper

149 100

167 25.1 18.8 28.2

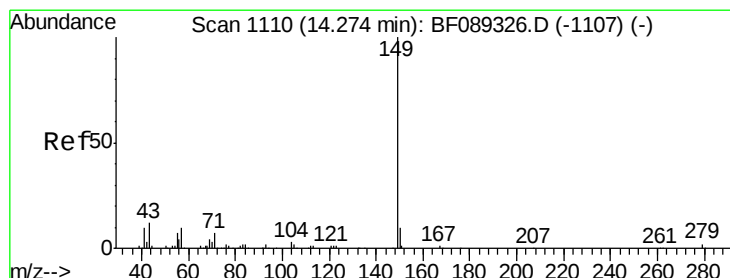
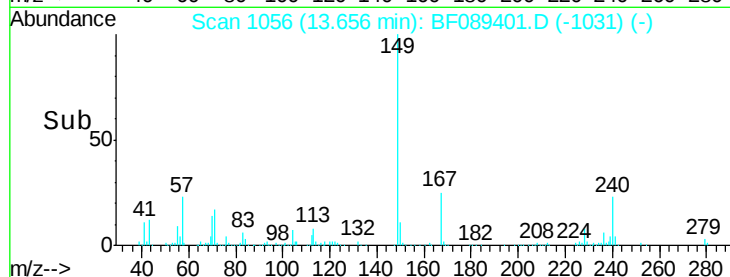
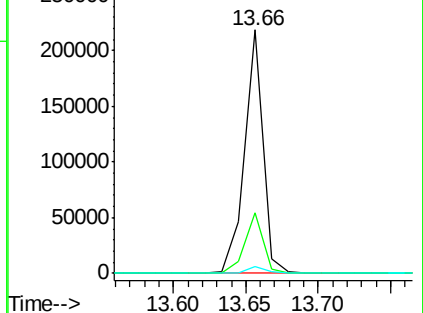
279 2.7 1.4 2.0#



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: 52.59 ng

RT: 14.26 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

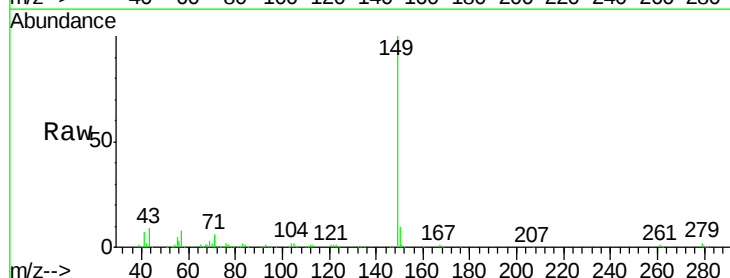
Tgt Ion:149 Resp: 326516

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

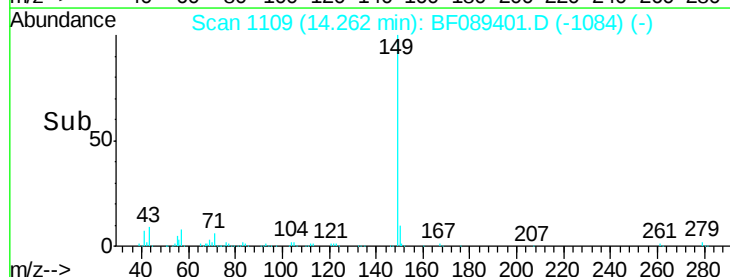
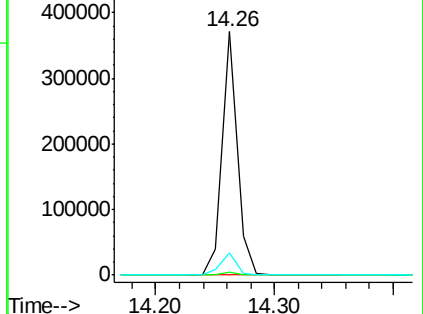
43 9.6 7.3 10.9

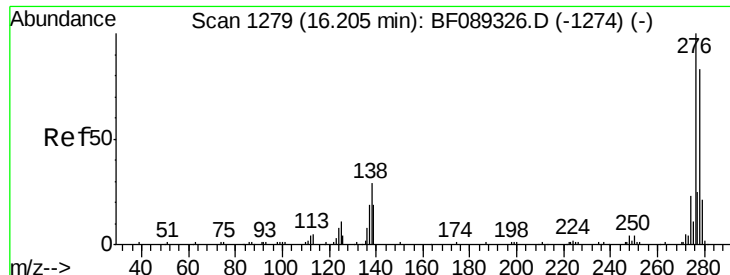


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

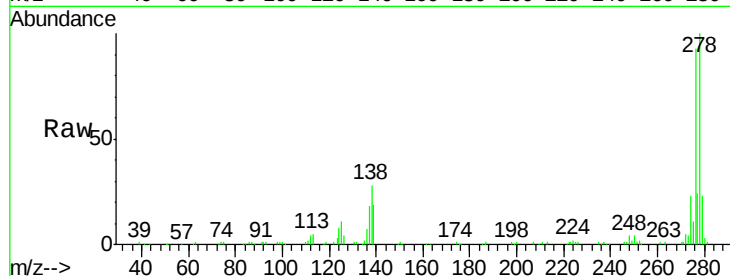




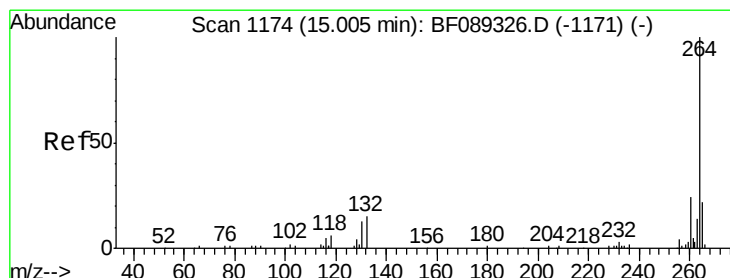
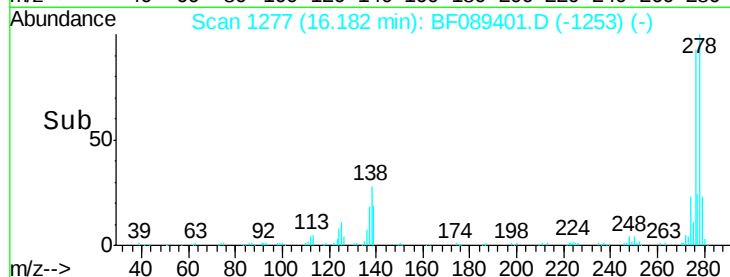
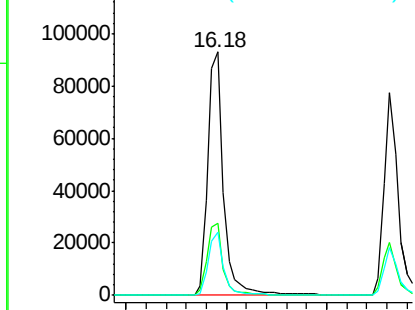
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.69 ng
 RT: 16.18 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Instrument :
 BNA_F
 ClientSampleId :
 I-2MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.9	23.0	34.4
277	25.1	20.2	30.4

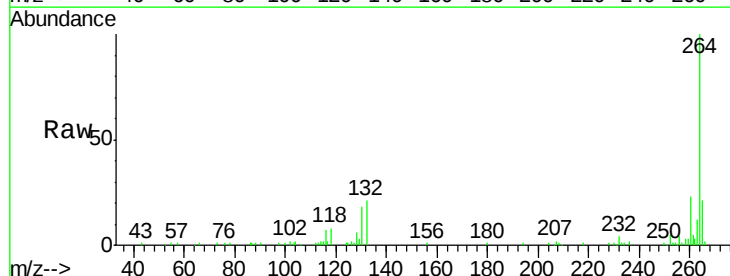


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

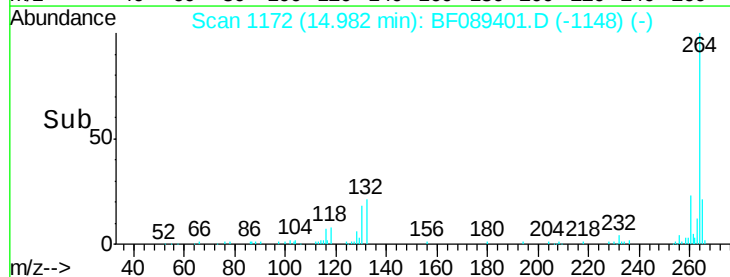
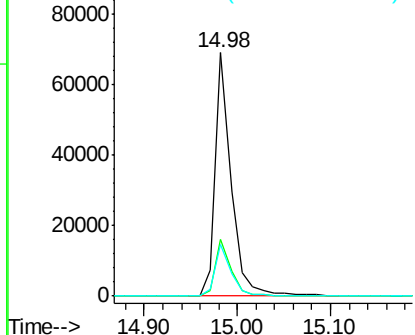


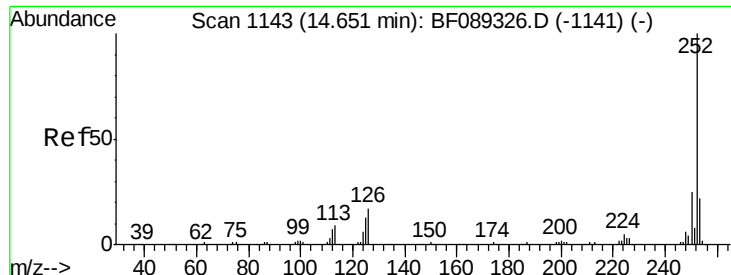
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF089401.D
 Acq: 29 Jul 2016 9:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.1	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

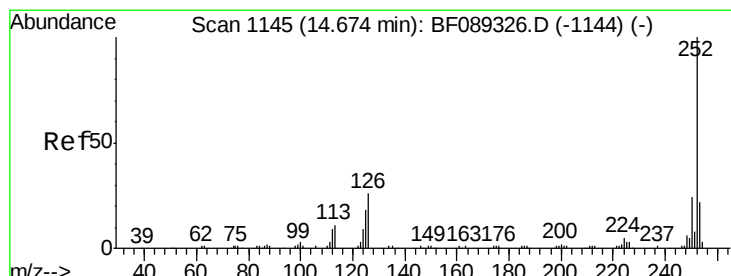
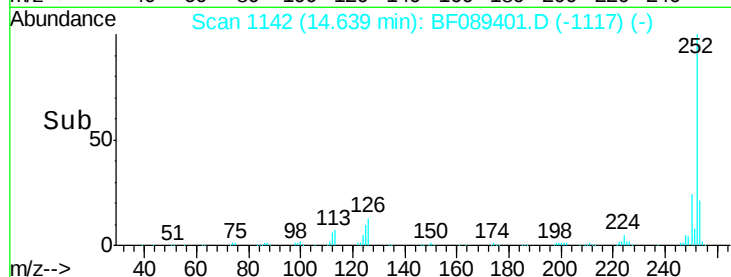
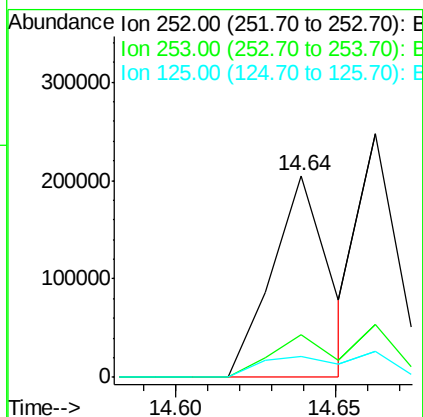
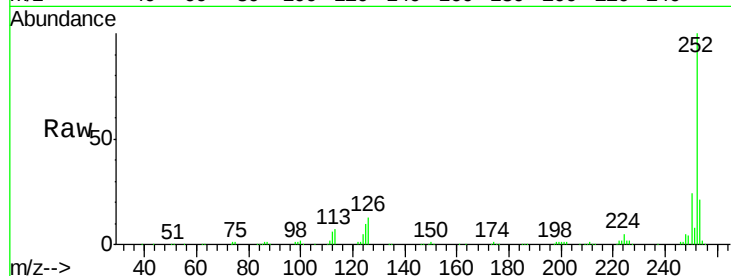




#87
Benzo(b)fluoranthene
Concen: 49.64 ng m
RT: 14.64 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

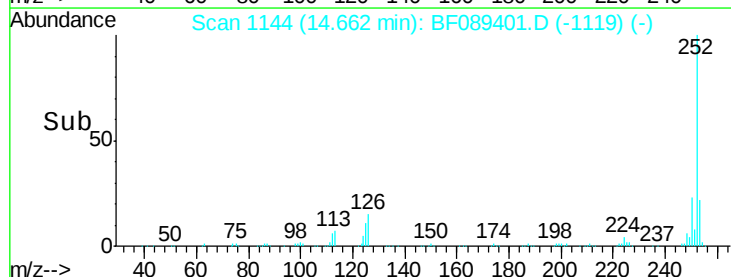
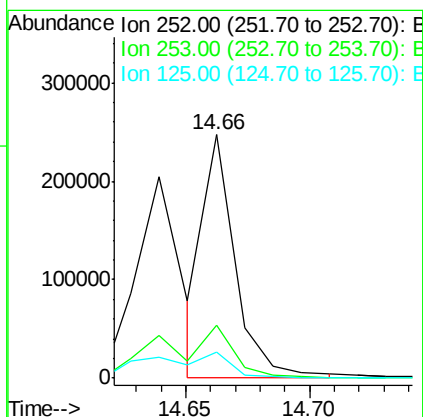
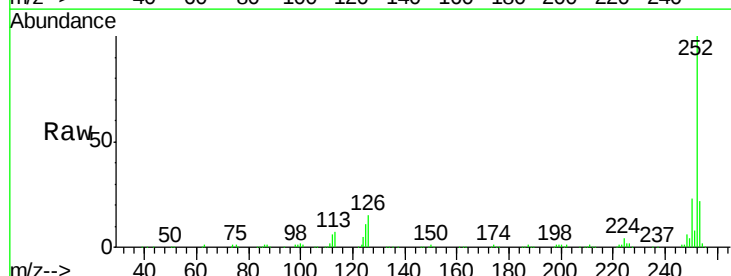
Instrument :
BNA_F
ClientSampleId :
I-2MS

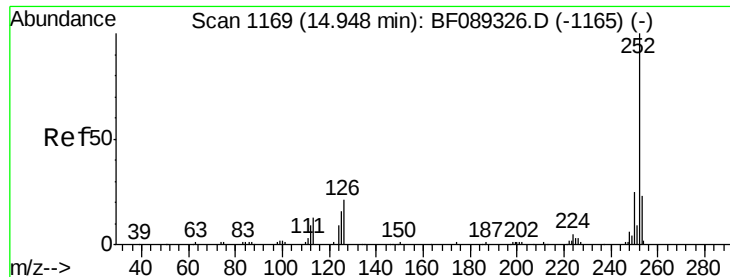
Tgt Ion: 252 Resp: 254421
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 10.3 9.7 14.5



#88
Benzo(k)fluoranthene
Concen: 46.70 ng m
RT: 14.66 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF089401.D
Acq: 29 Jul 2016 9:49

Tgt Ion: 252 Resp: 220036
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 10.6 10.7 16.1#





#89

Benzo(a)pyrene

Concen: 48.15 ng

RT: 14.94 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

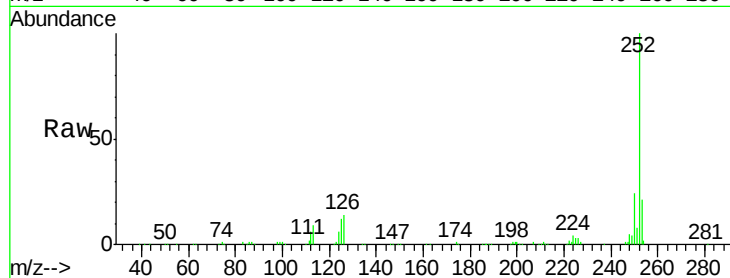
Tgt Ion:252 Resp: 221370

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

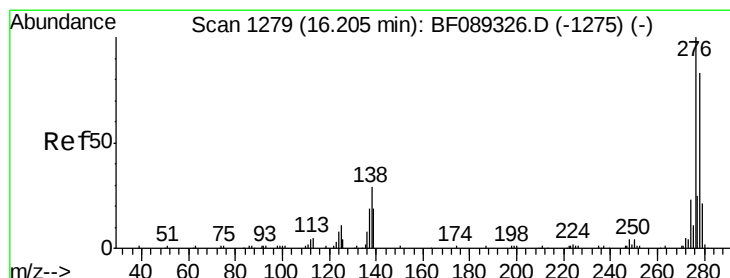
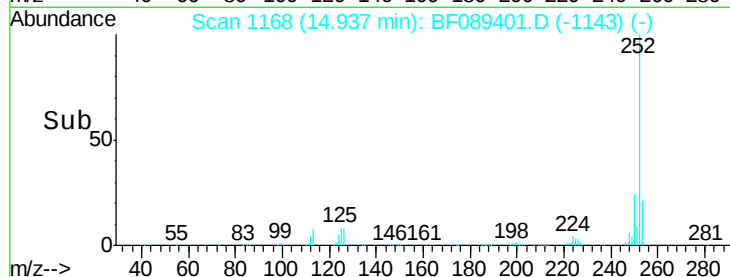
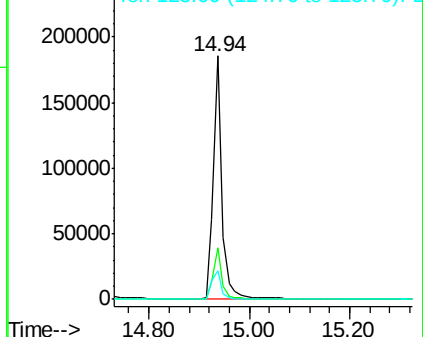
125 11.8 12.4 18.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.62 ng

RT: 16.18 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

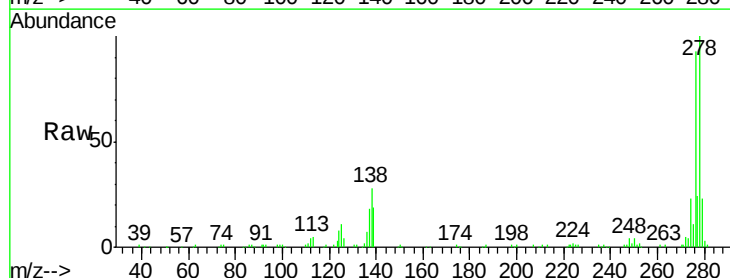
Tgt Ion:278 Resp: 176082

Ion Ratio Lower Upper

278 100

139 19.3 16.3 24.5

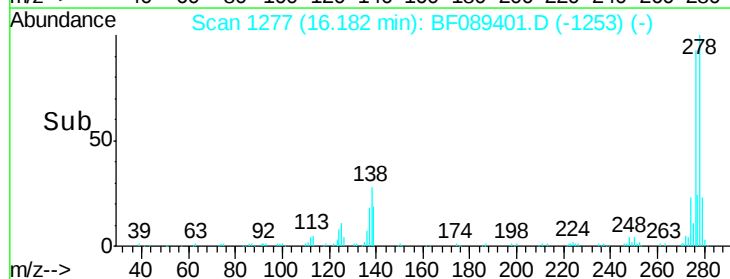
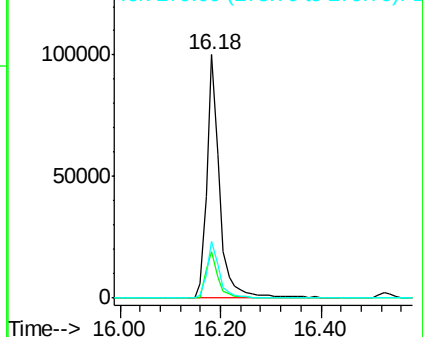
279 23.2 19.1 28.7

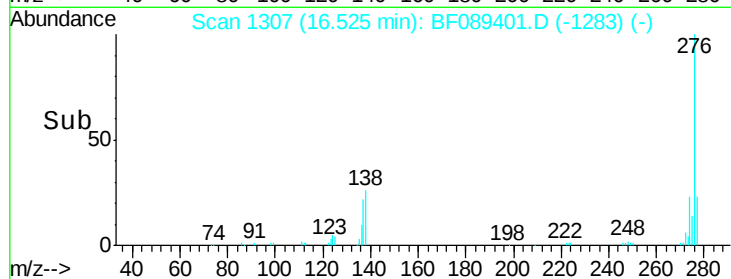
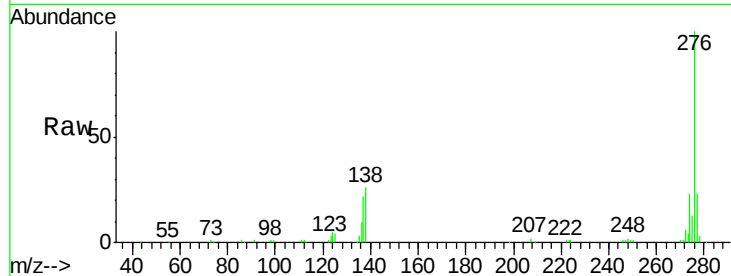
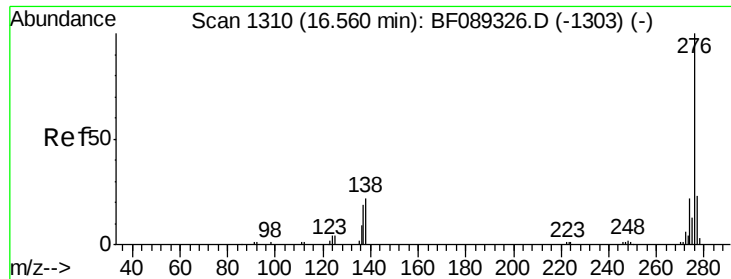


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 44.21 ng

RT: 16.53 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF089401.D

Acq: 29 Jul 2016 9:49

Instrument :

BNA_F

ClientSampleId :

I-2MS

Tgt Ion: 276 Resp: 157383

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 26.0 21.4 32.0

