

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051916\
 Data File : BF087226.D
 Acq On : 20 May 2016 11:54
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 14:40:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	135492	20.00	ng	-0.03
21) Naphthalene-d8	7.86	136	567180	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	247451	20.00	ng	-0.05
63) Phenanthrene-d10	11.08	188	400019	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	257377	20.00	ng	-0.05
86) Perylene-d12	15.06	264	279273	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	666143	82.64	ng	-0.05
7) Phenol-d6	6.24	99	762440	70.52	ng	-0.05
23) Nitrobenzene-d5	7.15	82	892375	78.41	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	185929	67.99	ng	-0.05
44) 2-Fluorobiphenyl	8.94	172	1163095	77.84	ng	-0.05
78) Terphenyl-d14	12.66	244	932214	81.93	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	1.98	88	154922	37.36	ng	# 72
3) Pyridine	2.60	79	415886	41.46	ng	# 49
4) n-Nitrosodimethylamine	2.57	42	283373	39.87	ng	# 47
6) Aniline	6.24	93	517915	37.71	ng	94
8) 2-Chlorophenol	6.36	128	381651	38.91	ng	99
9) Benzaldehyde	6.11	77	221925	37.67	ng	96
10) Phenol	6.25	94	478662	35.22	ng	# 54
11) bis(2-Chloroethyl)ether	6.32	93	393782	38.59	ng	90
12) 1,3-Dichlorobenzene	6.74	146	363106	34.83	ng	98
13) 1,4-Dichlorobenzene	6.74	146	366031	34.31	ng	97
14) 1,2-Dichlorobenzene	6.74	146	369039	39.52	ng	98
15) Benzyl Alcohol	6.74	79	324050	40.26	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.86	45	792161	37.76	ng	90
17) 2-Methylphenol	6.87	107	299534	37.19	ng	# 83
18) Hexachloroethane	7.07	117	152273	37.34	ng	99
19) n-Nitroso-di-n-propylamine	7.00	70	284131	34.57	ng	# 67
20) 3+4-Methylphenols	7.03	107	413586	38.93	ng	# 58
22) Acetophenone	6.99	105	555443	40.02	ng	# 95
24) Nitrobenzene	7.16	77	437574	35.21	ng	92
25) Isophorone	7.40	82	763821	36.66	ng	96
26) 2-Nitrophenol	7.48	139	204698	39.77	ng	# 78
27) 2,4-Dimethylphenol	7.54	122	323229	36.80	ng	86
28) bis(2-Chloroethoxy)methane	7.62	93	412728	36.09	ng	# 97
29) 2,4-Dichlorophenol	7.74	162	317236	40.98	ng	97
30) 1,2,4-Trichlorobenzene	7.80	180	337384	39.28	ng	99
31) Naphthalene	7.88	128	1069377	38.59	ng	100
32) Benzoic acid	7.71	122	162797	31.09	ng	# 77
33) 4-Chloroaniline	7.94	127	408186	35.44	ng	# 84
34) Hexachlorobutadiene	8.00	225	200027	41.03	ng	98
35) Caprolactam	8.34	113	98091	38.06	ng	# 62
36) 4-Chloro-3-methylphenol	8.46	107	333003	35.66	ng	96
37) 2-Methylnaphthalene	8.57	142	655081	36.96	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	301519	41.72	ng	98
40) Hexachlorocyclopentadiene	8.72	237	20677	14.53	ng	94

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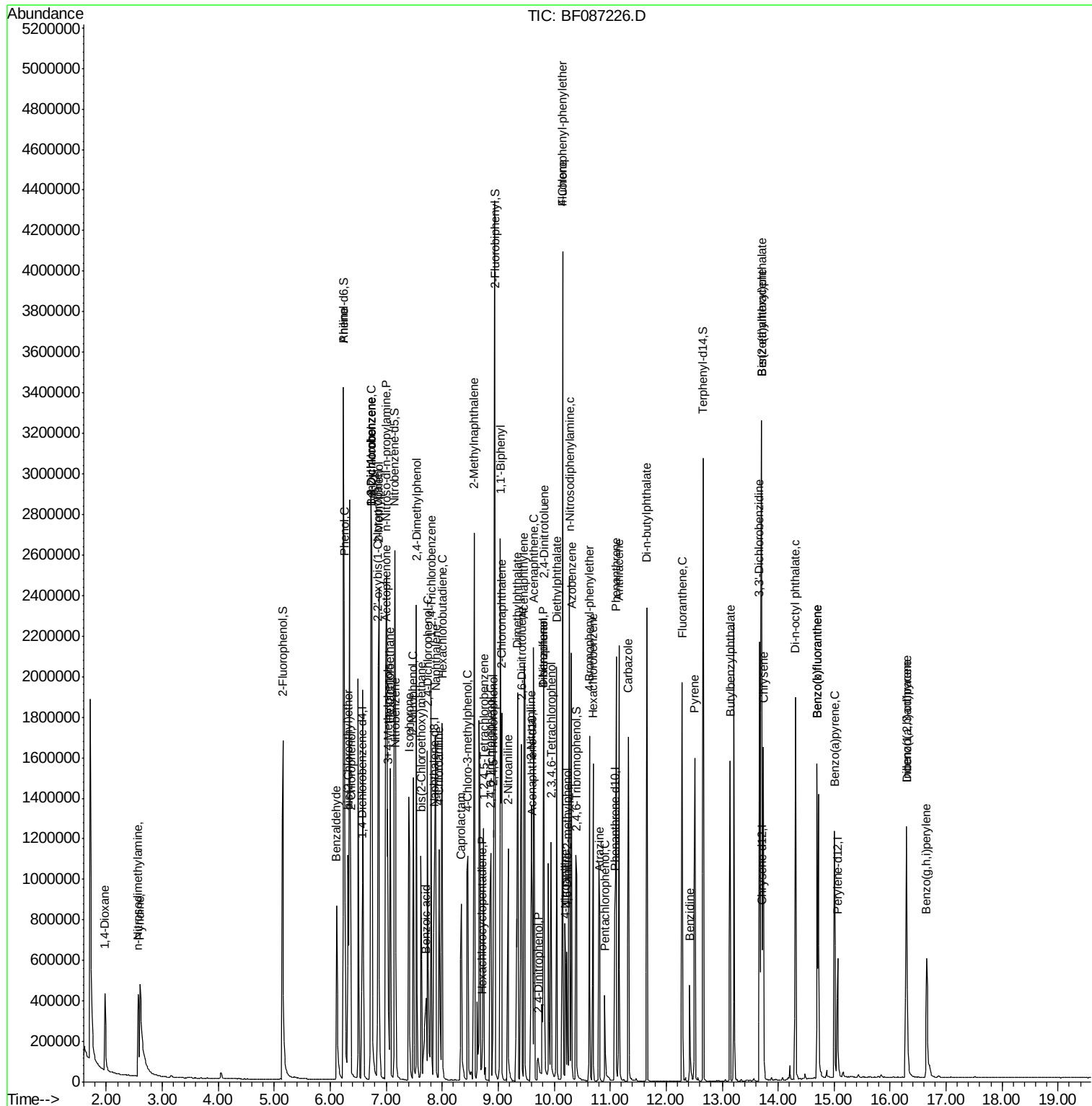
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	185370	39.55	nq	93
43) 2,4,5-Trichlorophenol	8.91	196	188073	38.63	nq #	92
45) 1,1'-Biphenyl	9.04	154	913905	44.54	nq	99
46) 2-Chloronaphthalene	9.06	162	659715	41.88	nq	99
47) 2-Nitroaniline	9.18	65	243720	40.38	nq	98
48) Acenaphthylene	9.46	152	892788	37.12	nq	98
49) Dimethylphthalate	9.35	163	747301	39.59	nq	99
50) 2,6-Dinitrotoluene	9.42	165	171974	41.96	nq	97
51) Acenaphthene	9.63	154	561936	37.40	nq	98
52) 3-Nitroaniline	9.59	138	181900	41.00	nq	92
53) 2,4-Dinitrophenol	9.71	184	32706	17.84	nq	86
54) Dibenzofuran	9.80	168	735757	37.86	nq #	89
55) 4-Nitrophenol	9.80	139	392783	101.00	nq #	22
56) 2,4-Dinitrotoluene	9.82	165	184681	35.18	nq #	69
57) Fluorene	10.15	166	562834	36.05	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	143909	37.95	nq	98
59) Diethylphthalate	10.04	149	784585	43.54	nq	97
60) 4-Chlorophenyl-phenylether	10.15	204	310888	42.01	nq	91
61) 4-Nitroaniline	10.20	138	156138	35.64	nq	86
62) Azobenzene	10.31	77	817388	39.36	nq	88
64) 4,6-Dinitro-2-methylphenol	10.23	198	68036	25.82	nq #	44
65) n-Nitrosodiphenylamine	10.27	169	574847	45.66	nq	99
66) 4-Bromophenyl-phenylether	10.63	248	172192	41.86	nq #	85
67) Hexachlorobenzene	10.70	284	197337	41.38	nq #	83
68) Atrazine	10.81	200	168541	41.04	nq	94
69) Pentachlorophenol	10.90	266	62594	34.94	nq	98
70) Phenanthrene	11.11	178	877844	40.46	nq	99
71) Anthracene	11.15	178	810814	36.95	nq	100
72) Carbazole	11.32	167	743899	37.11	nq	100
73) Di-n-butylphthalate	11.66	149	1046517	45.45	nq	99
74) Fluoranthene	12.28	202	742782	34.17	nq	95
76) Benzidine	12.42	184	192876	23.52	nq	97
77) Pyrene	12.51	202	757456	40.74	nq	99
79) Butylbenzylphthalate	13.14	149	361963	46.11	nq #	87
80) Benzo(a)anthracene	13.70	228	592971	39.85	nq	98
81) 3,3'-Dichlorobenzidine	13.67	252	437994	46.25	nq	99
82) Chrysene	13.74	228	633017	43.96	nq	99
83) Bis(2-ethylhexyl)phthalate	13.70	149	450186	47.13	nq	98
84) Di-n-octyl phthalate	14.31	149	732349	44.50	nq #	83
85) Indeno(1,2,3-cd)pyrene	16.30	276	559304	44.25	nq	94
87) Benzo(b)fluoranthene	14.70	252	1234286	66.62	nq #	96
88) Benzo(k)fluoranthene	14.70	252	1234286	89.49	nq	99
89) Benzo(a)pyrene	15.01	252	577525	37.29	nq	97
90) Dibenzo(a,h)anthracene	16.30	278	475421	36.46	nq #	94
91) Benzo(g,h,i)perylene	16.65	276	451575	34.29	nq #	93

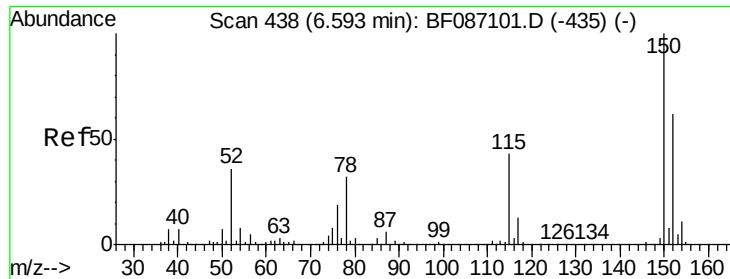
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF087226.D  
Acq On    : 20 May 2016   11:54  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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ClientSampleId :

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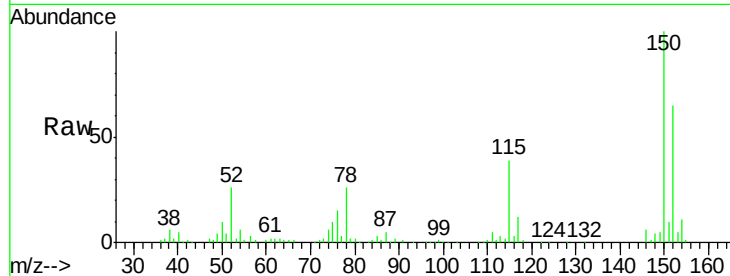


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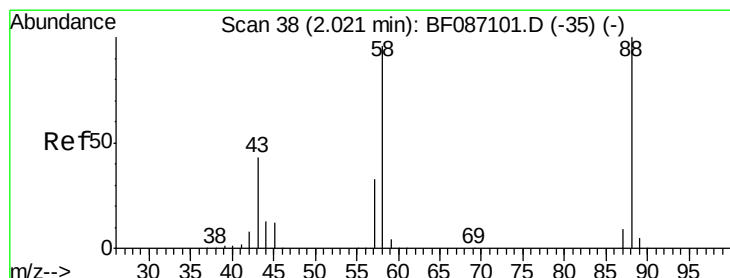
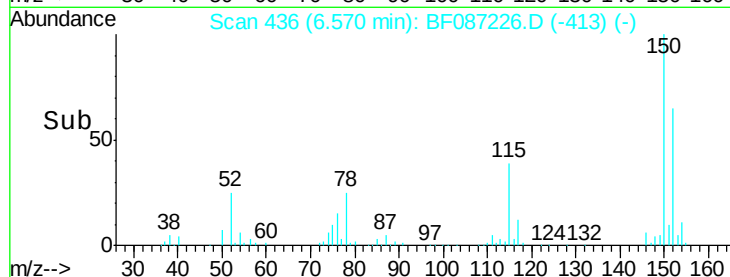
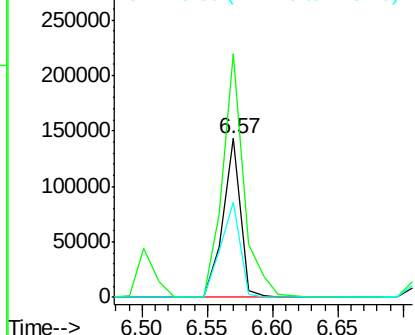
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	125.8	188.6
115	60.0	51.5	77.3



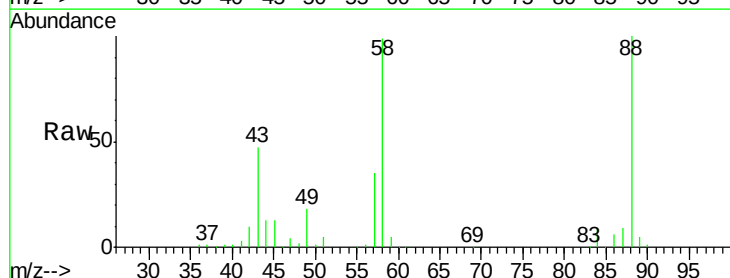
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



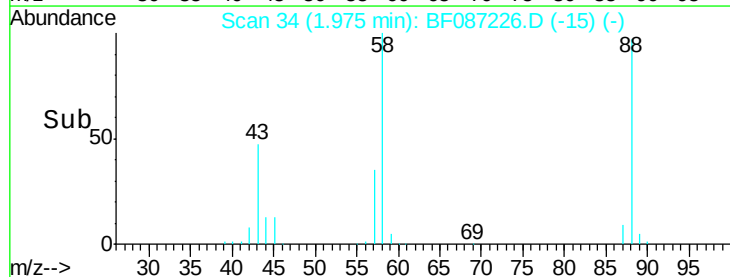
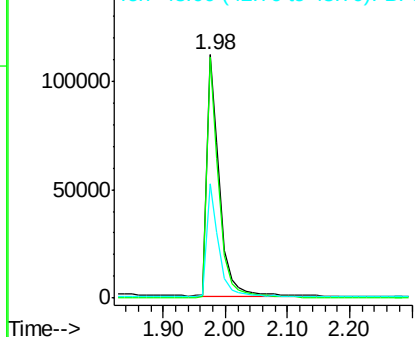
#2

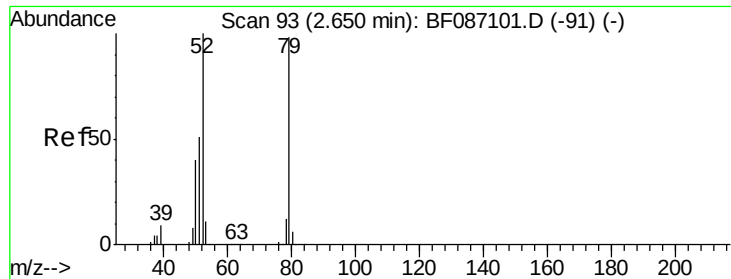
1,4-Dioxane
Concen: 37.36 ng
RT: 1.98 min Scan# 34
Delta R.T. -0.08 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.1	59.6	89.4#
43	44.9	21.8	32.6#



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





#3

Pvridine

Concen: 41.46 ng

RT: 2.60 min Scan# 89

Delta R.T. -0.08 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Instrument :
BNA_F
ClientSampleId :

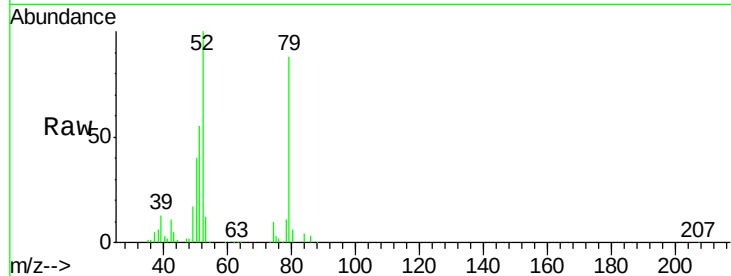
Tot Ion: 79 Resp: 415886

Ion Ratio Lower Upper

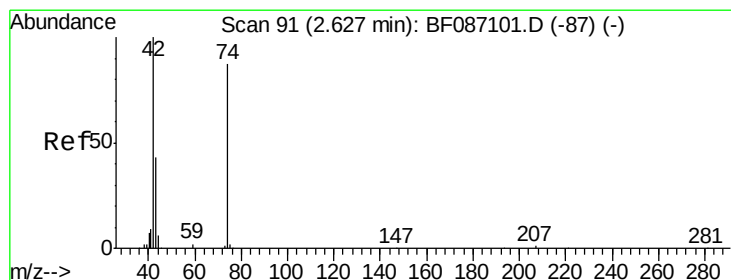
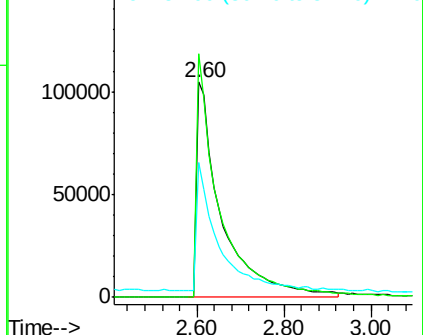
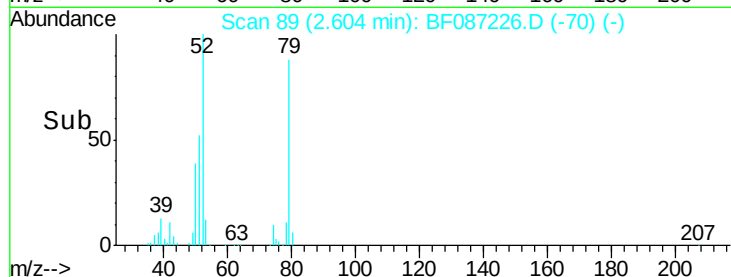
79 100

52 113.0 55.9 83.9#

51 62.5 28.1 42.1#



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: 39.87 ng

RT: 2.57 min Scan# 86

Delta R.T. -0.09 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

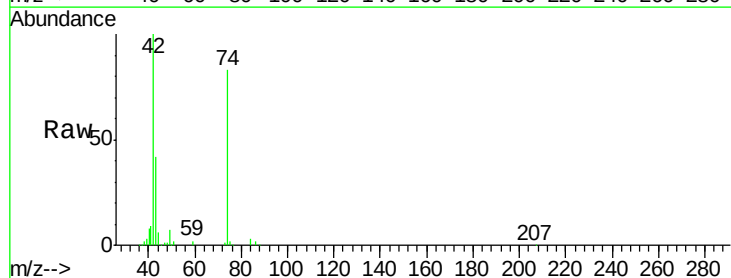
Tgt Ion: 42 Resp: 283373

Ion Ratio Lower Upper

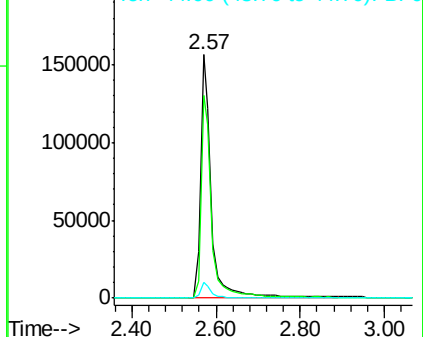
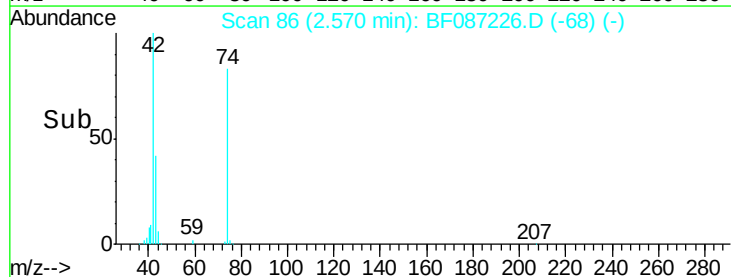
42 100

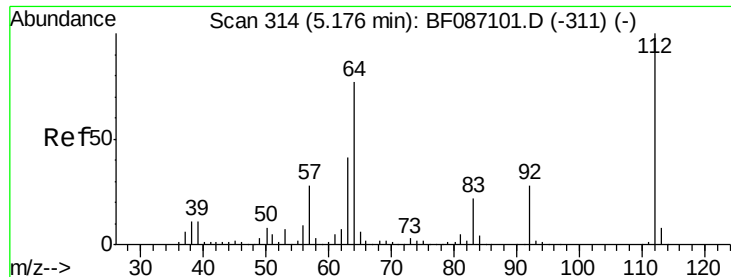
74 83.2 123.4 185.0#

44 6.3 5.8 8.6



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: 82.64 ng

RT: 5.15 min Scan# 312

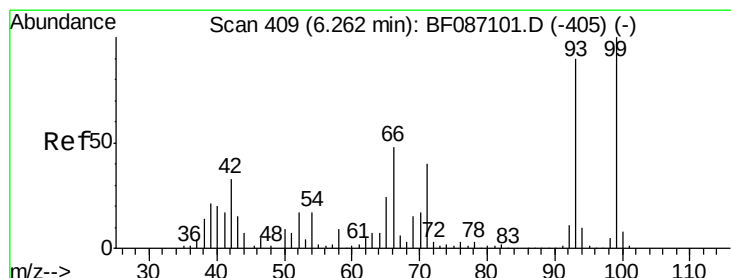
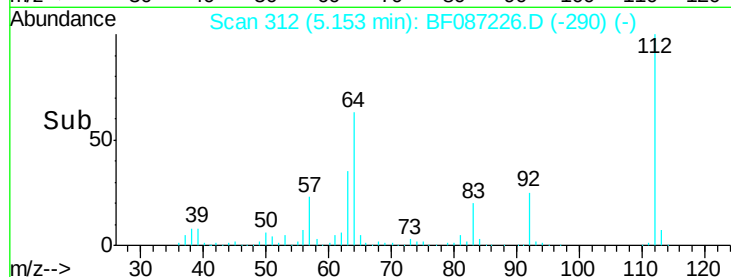
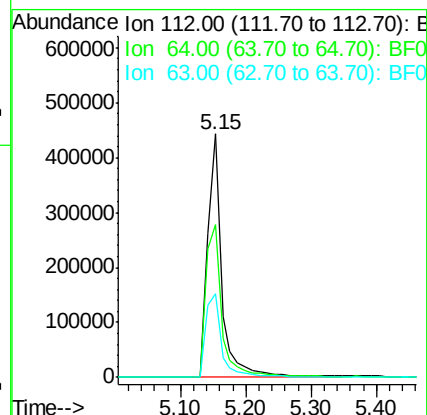
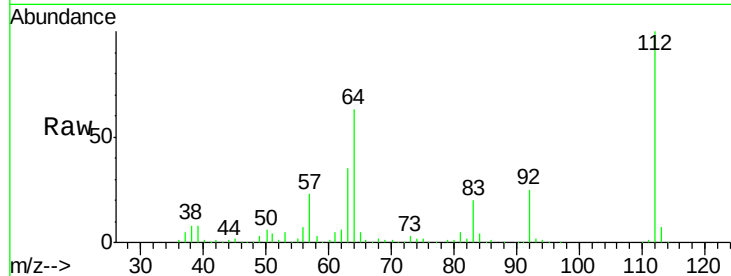
Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	666143
Ion	Ratio	Lower	Upper
112	100		
64	62.9	52.1	78.1
63	34.6	25.7	38.5



#6

Aniline

Concen: 37.71 ng

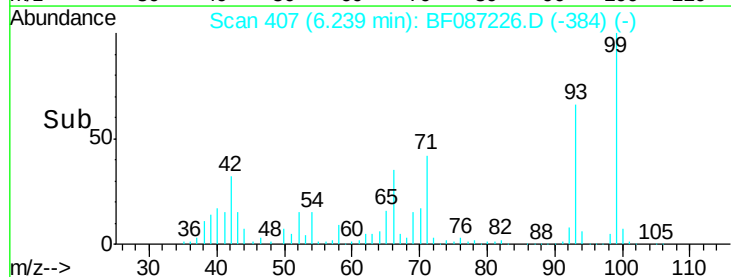
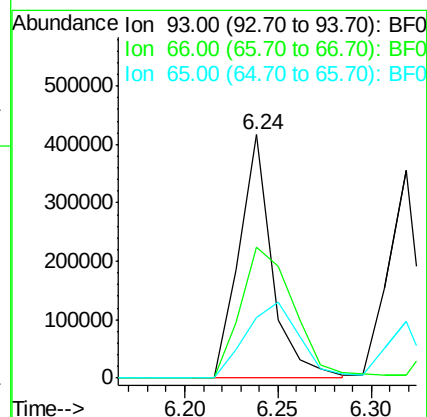
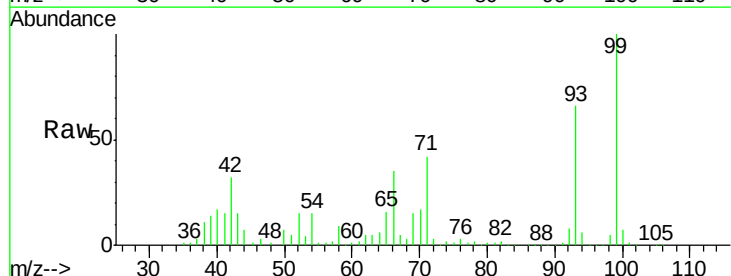
RT: 6.24 min Scan# 407

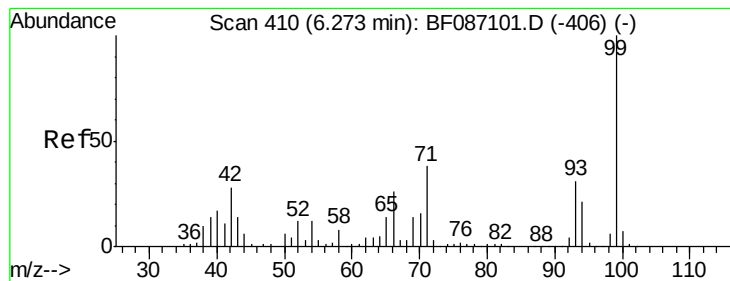
Delta R.T. -0.03 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Tgt Ion:	93	Resp:	517915
Ion	Ratio	Lower	Upper
93	100		
66	53.8	39.0	58.6
65	24.7	20.6	31.0





#7

Phenol-d6

Concen: 70.52 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Instrument :

BNA_F

ClientSampleId :

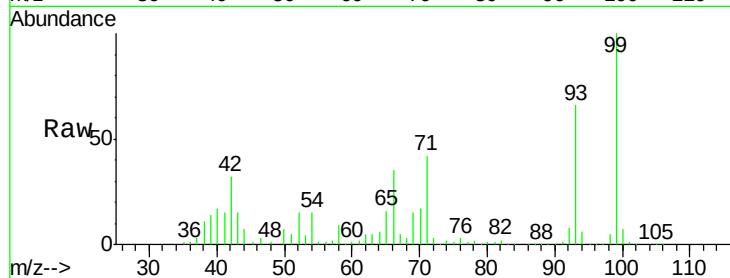
Tot Ion: 99 Resp: 762440

Ion Ratio Lower Upper

99 100

42 32.3 13.6 20.4#

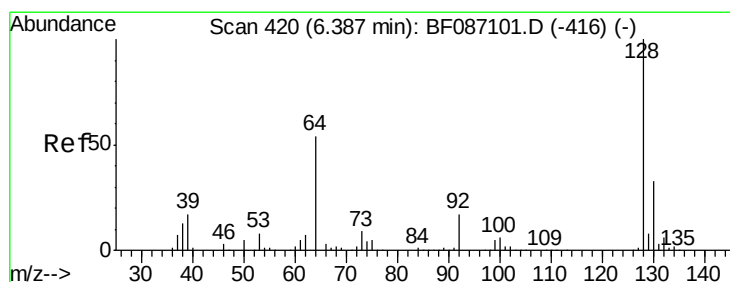
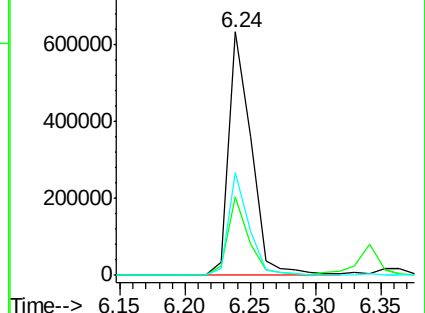
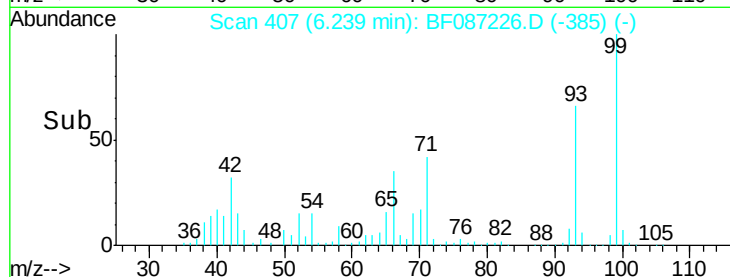
71 42.2 24.6 36.8#



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: 38.91 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

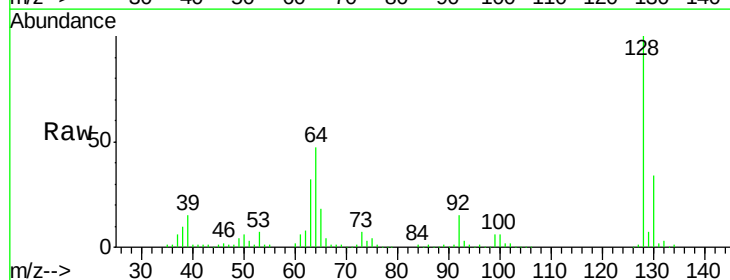
Tgt Ion:128 Resp: 381651

Ion Ratio Lower Upper

128 100

130 33.6 12.5 52.5

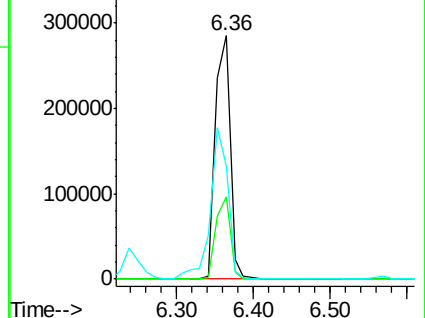
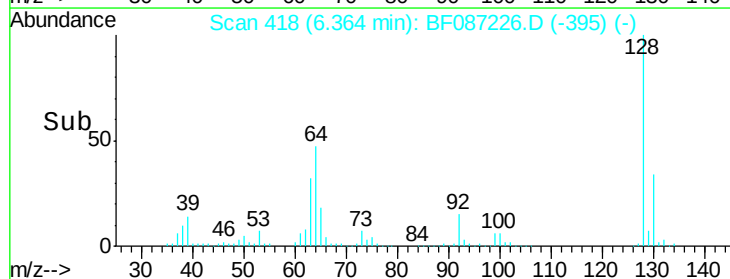
64 46.5 27.3 67.3

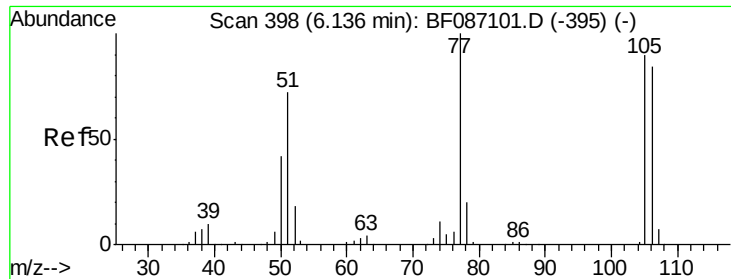


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

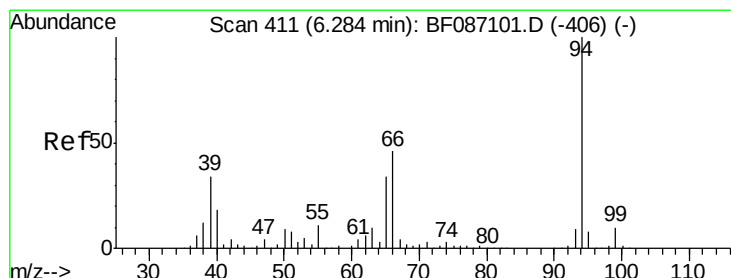
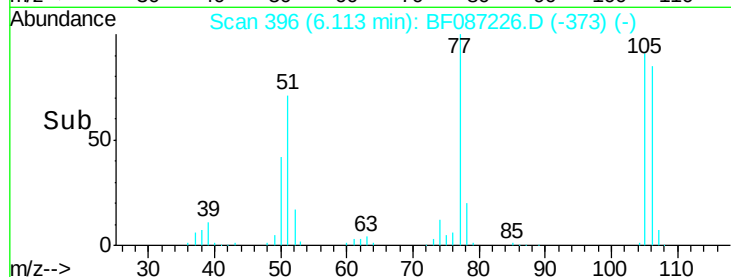
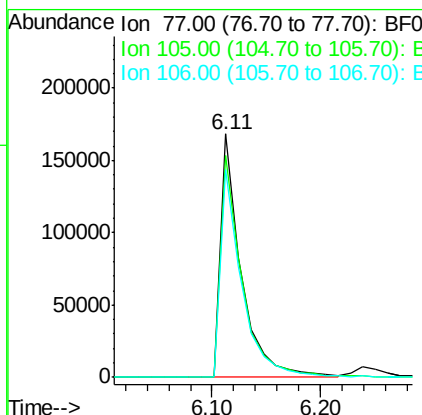
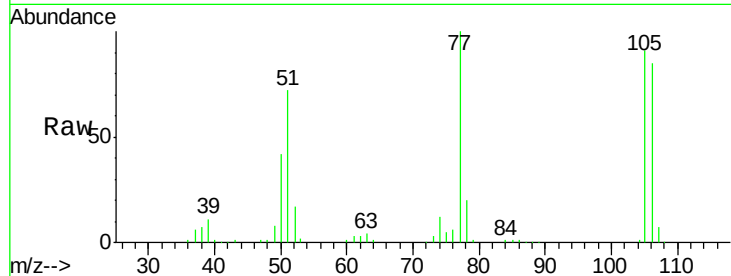




#9
Benzaldehyde
Concen: 37.67 ng
RT: 6.11 min Scan# 396
Delta R.T. -0.03 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

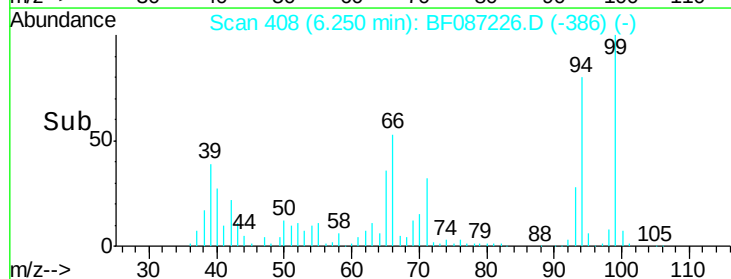
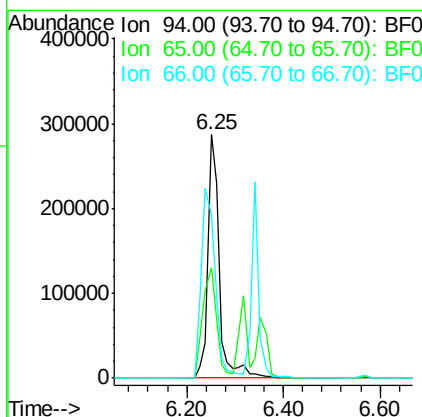
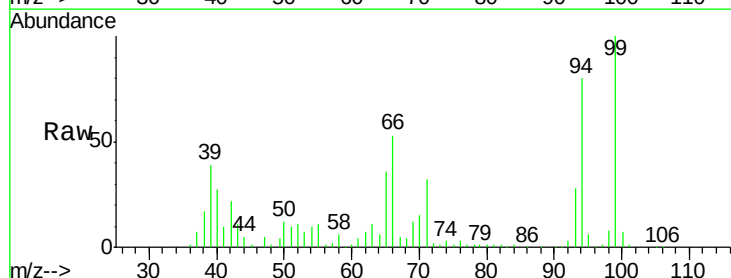
Instrument :
BNA_F
ClientSampled :

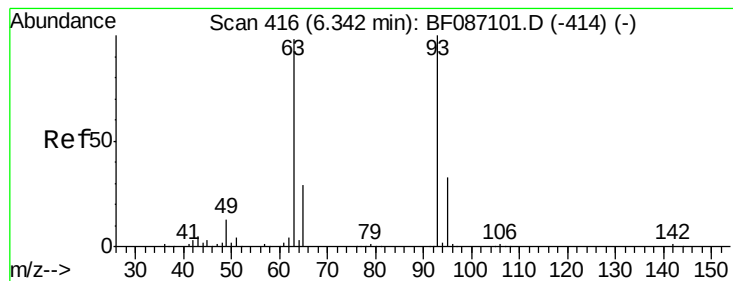
Tot Ion: 77 Resp: 221925
Ion Ratio Lower Upper
77 100
105 91.3 72.7 112.7
106 85.1 70.8 110.8



#10
Phenol
Concen: 35.22 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.05 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

Tgt Ion: 94 Resp: 478662
Ion Ratio Lower Upper
94 100
65 45.2 7.2 47.2
66 66.9 14.9 54.9#

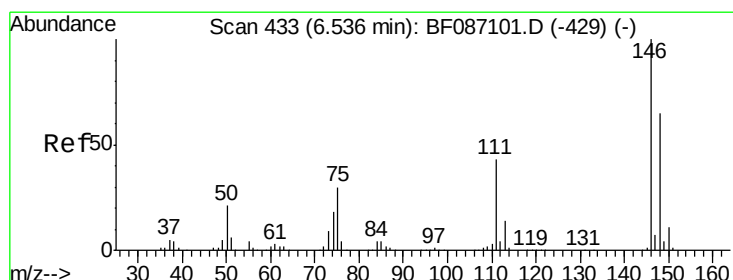
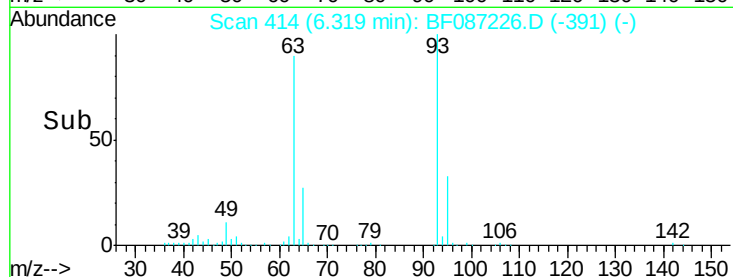
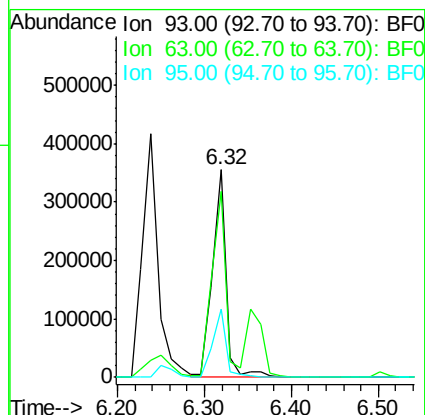
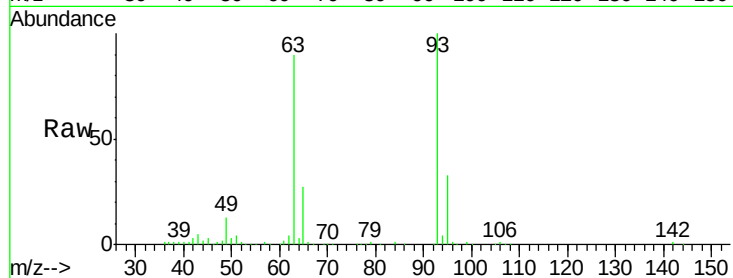




#11
 bis(2-Chloroethyl)ether
 Concen: 38.59 ng
 RT: 6.32 min Scan# 414
 Delta R.T. -0.03 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

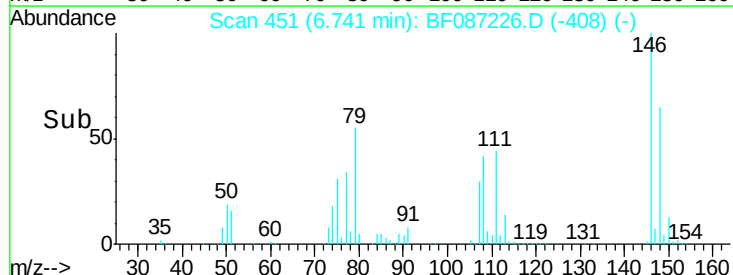
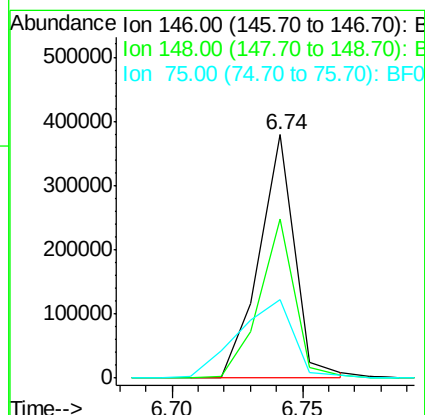
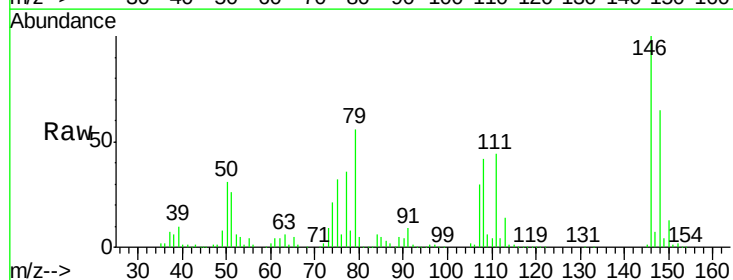
Instrument :
 BNA_F
 ClientSampleId :

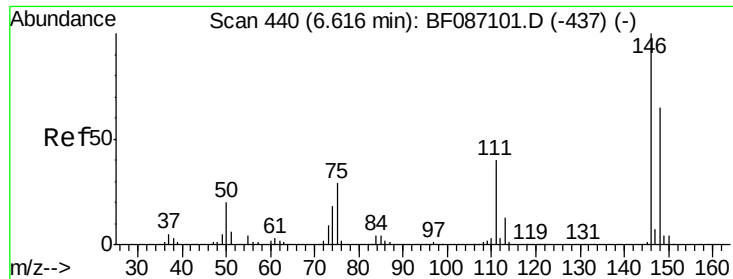
Tot Ion: 93 Resp: 393782
 Ion Ratio Lower Upper
 93 100
 63 89.8 58.0 98.0
 95 32.8 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 34.83 ng
 RT: 6.74 min Scan# 451
 Delta R.T. 0.19 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Tgt Ion: 146 Resp: 363106
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.4 78.6
 75 32.0 22.8 34.2

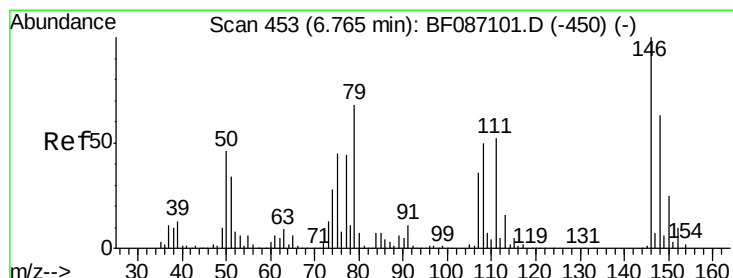
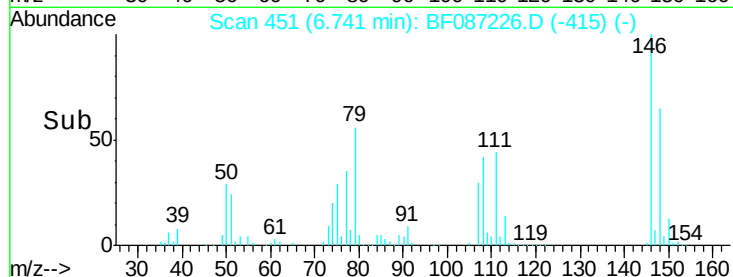
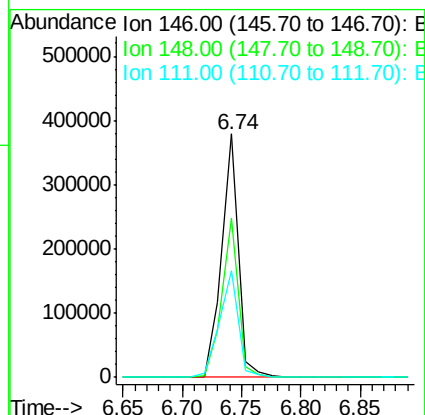
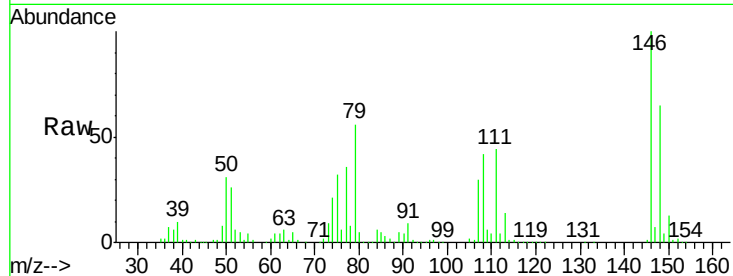




#13
 1,4-Dichlorobenzene
 Concen: 34.31 ng
 RT: 6.74 min Scan# 451
 Delta R.T. 0.11 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

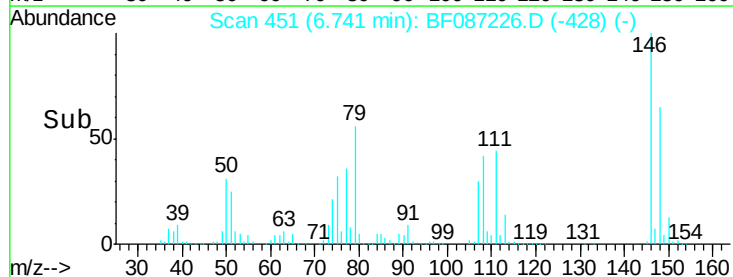
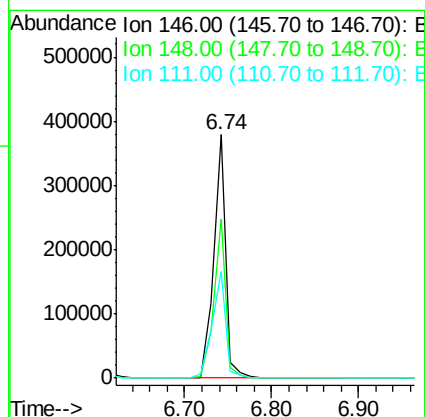
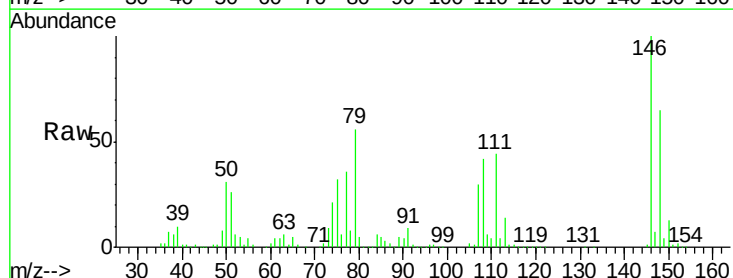
Instrument :
 BNA_F
 ClientSampleId :

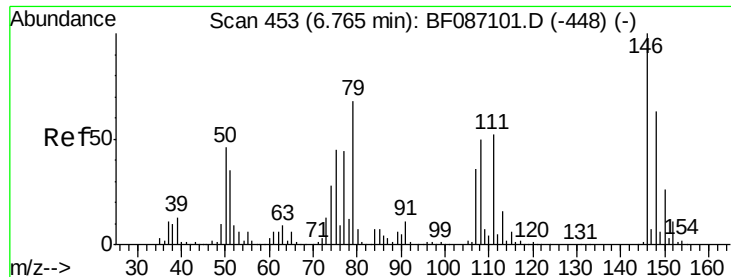
Tot Ion:146 Resp: 366031
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.2 78.4
 111 43.8 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 39.52 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.03 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Tgt Ion:146 Resp: 369039
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.0 76.6
 111 43.8 36.2 54.4





#15

Benzyl Alcohol

Concen: 40.26 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Instrument :

BNA_F

ClientSampled :

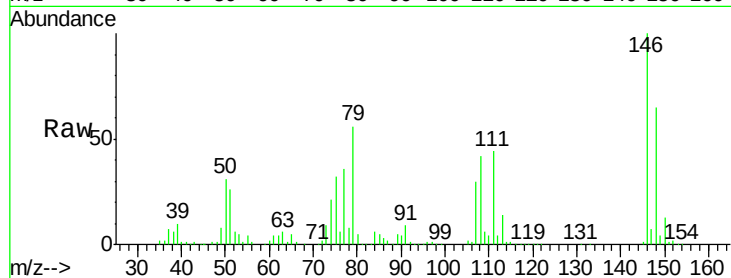
Tot Ion: 79 Resp: 324050

Ion Ratio Lower Upper

79 100

108 75.7 68.4 102.6

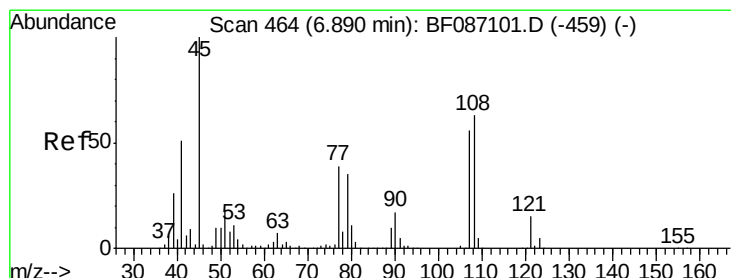
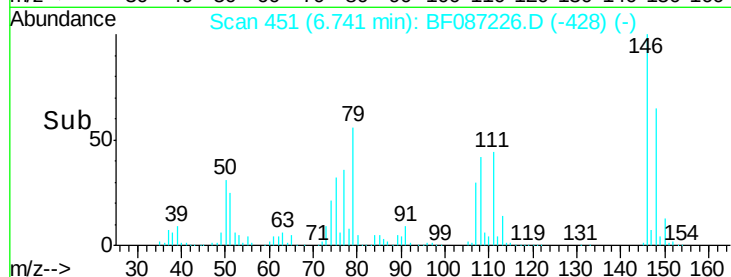
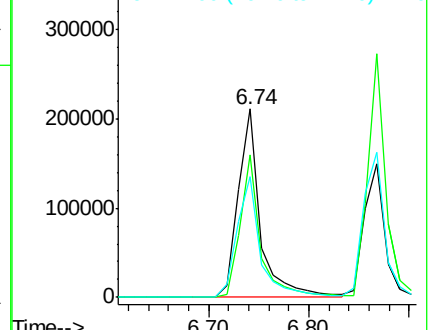
77 64.2 50.6 76.0



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: 37.76 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

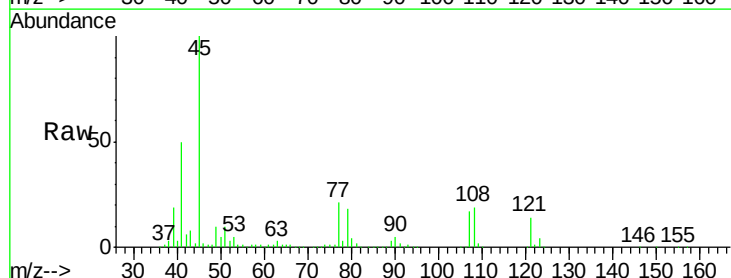
Tgt Ion: 45 Resp: 792161

Ion Ratio Lower Upper

45 100

77 20.8 0.0 36.4

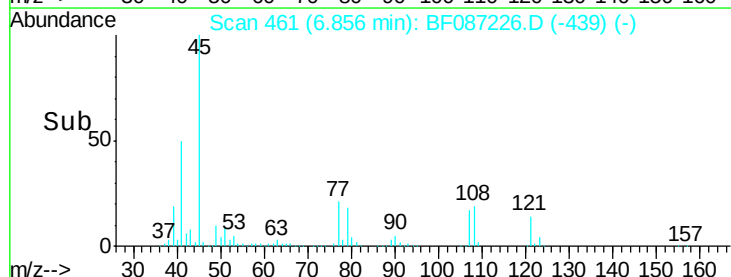
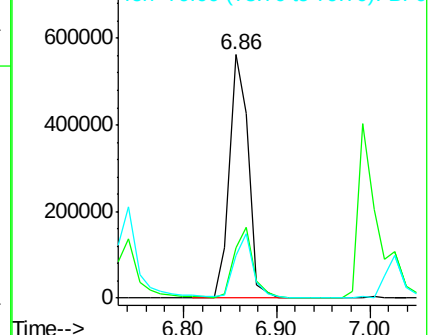
79 17.7 0.0 33.4

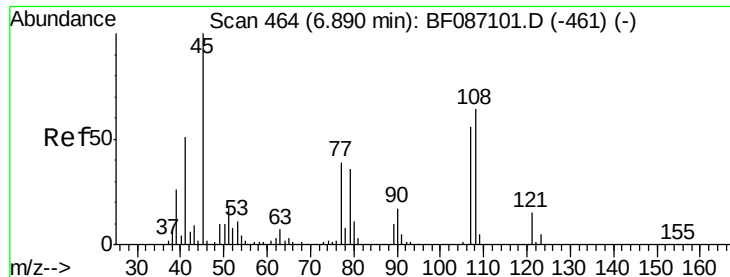


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

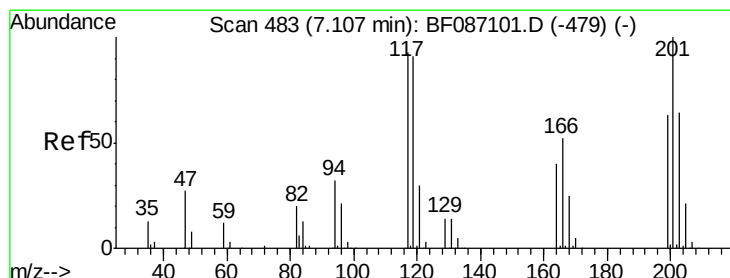
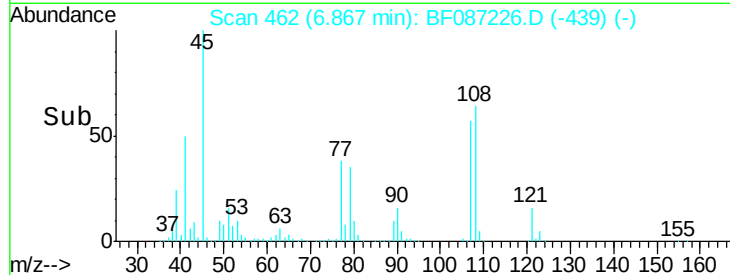
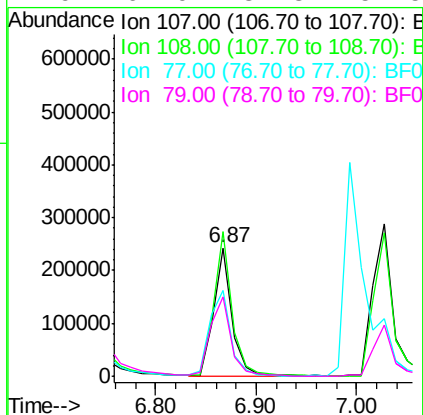
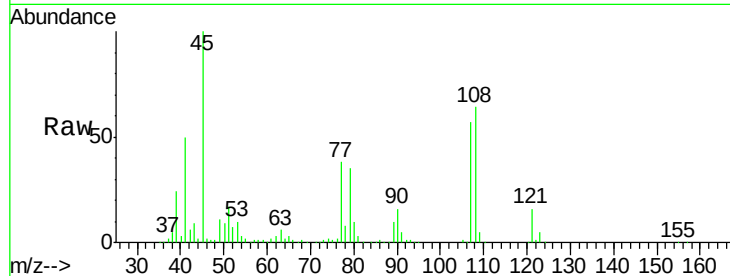




#17
2-Methylphenol
Concen: 37.19 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

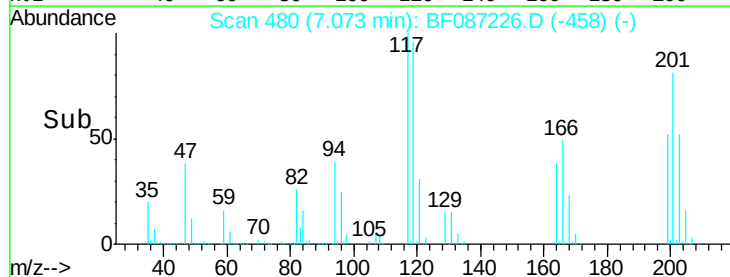
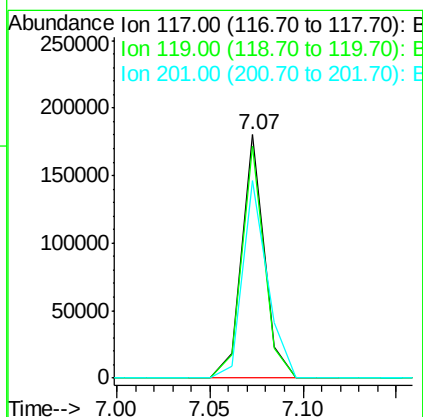
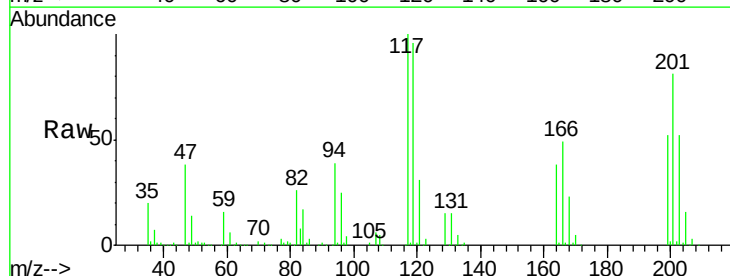
Instrument :
BNA_F
ClientSampled :

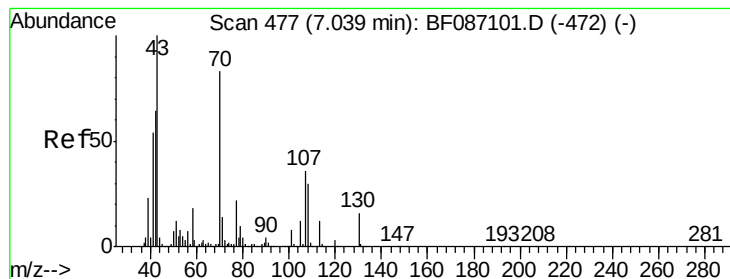
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	93.7	140.5
77	67.2	33.4	50.0#
79	62.0	34.3	51.5#



#18
Hexachloroethane
Concen: 37.34 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.5	114.7
201	81.0	63.0	94.6





#19

n-Nitroso-di-n-propylamine

Concen: 34.57 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 284131

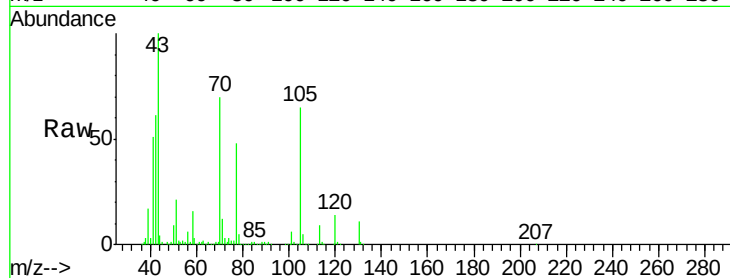
Ion Ratio Lower Upper

70 100

42 87.5 43.1 64.7#

101 8.5 8.1 12.1

130 16.0 18.6 28.0#

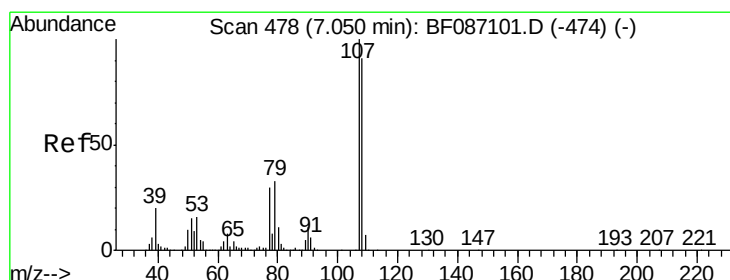
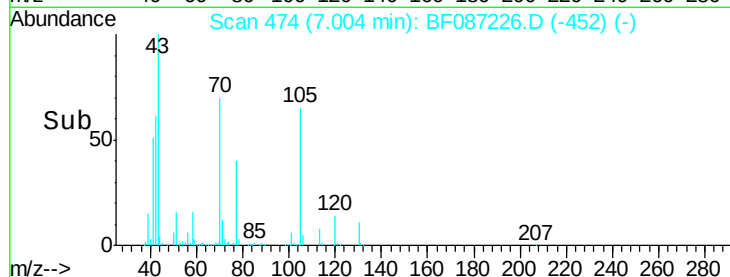
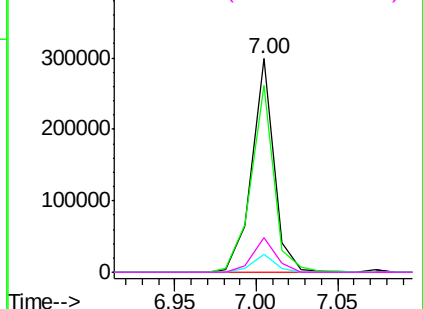


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 38.93 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.03 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Tgt Ion: 107 Resp: 413586

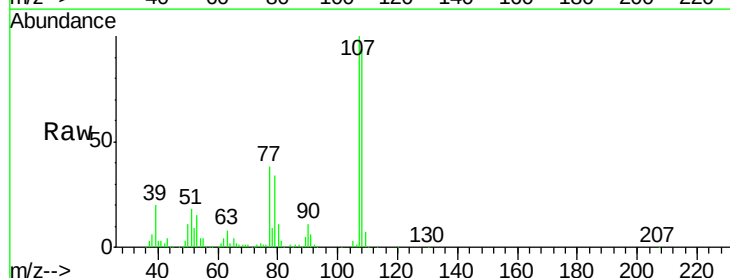
Ion Ratio Lower Upper

107 100

108 94.2 68.5 108.5

77 37.7 101.6 141.6#

79 33.8 7.4 47.4

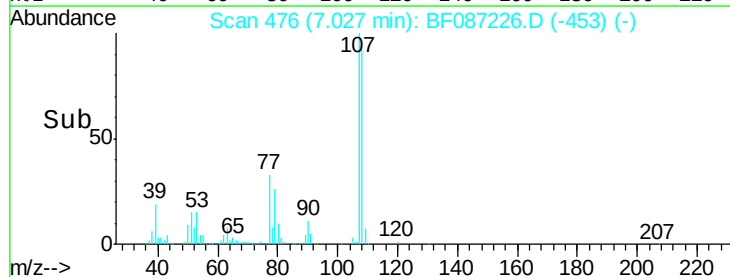
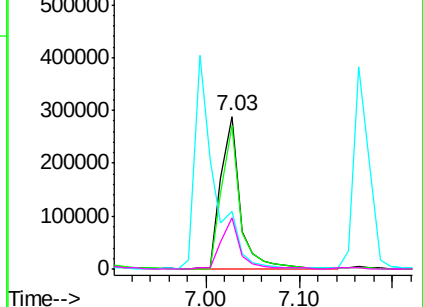


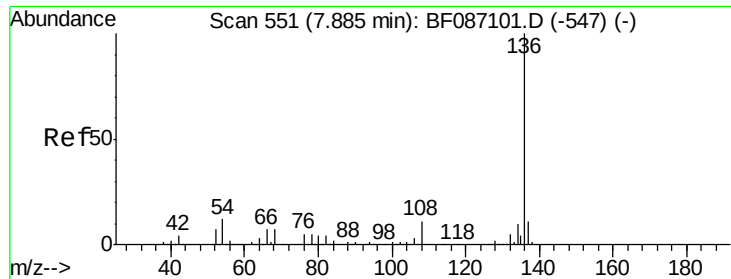
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 567180

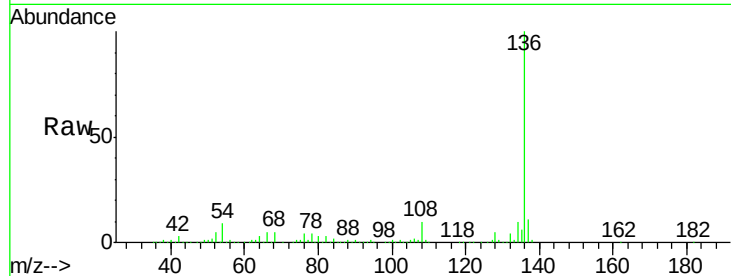
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.8 5.0 7.4#

68 4.7 4.4 6.6

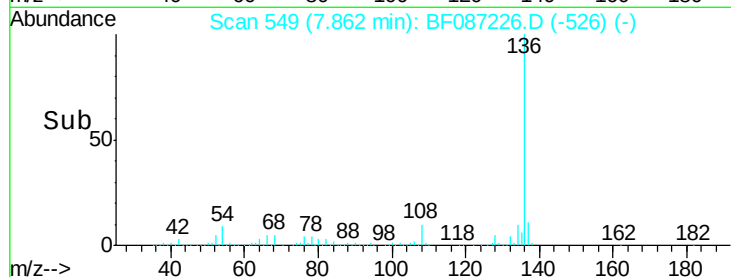


Abundance Ion 136.00 (135.70 to 136.70): E

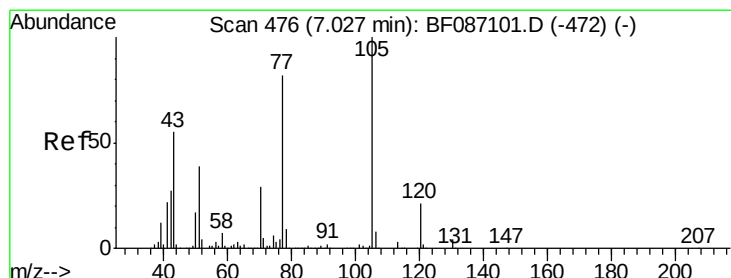
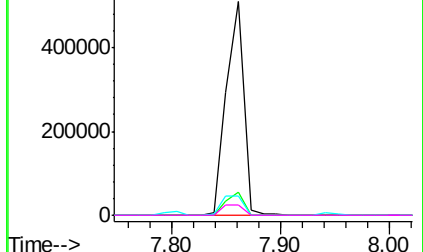
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.02 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Tgt Ion:105 Resp: 555443

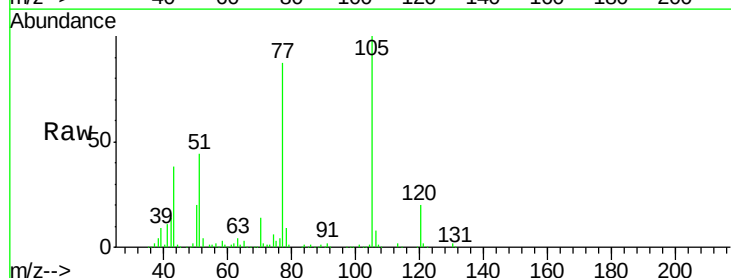
Ion Ratio Lower Upper

105 100

71 2.3 4.8 7.2#

51 44.2 32.6 49.0

120 19.6 16.5 24.7

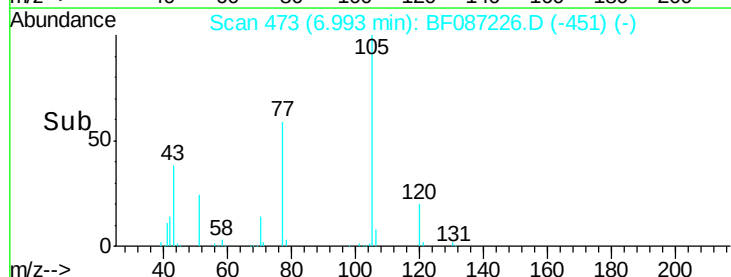


Abundance Ion 105.00 (104.70 to 105.70): E

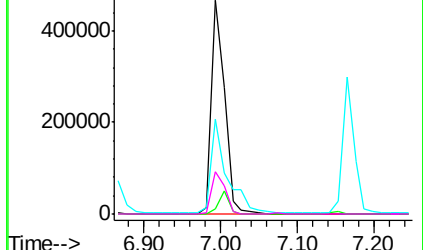
Ion 71.00 (70.70 to 71.70): BF0

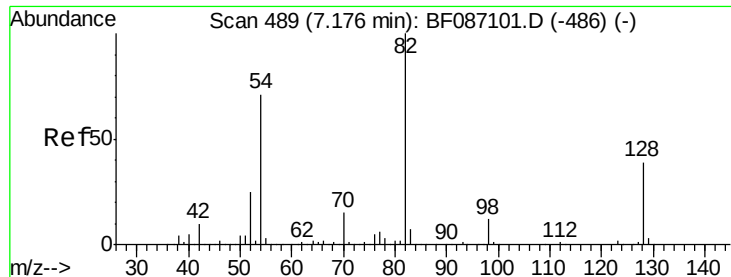
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

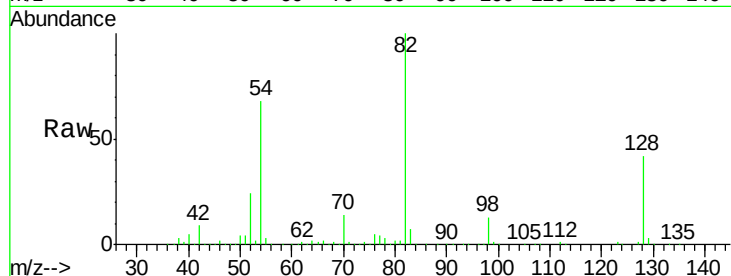




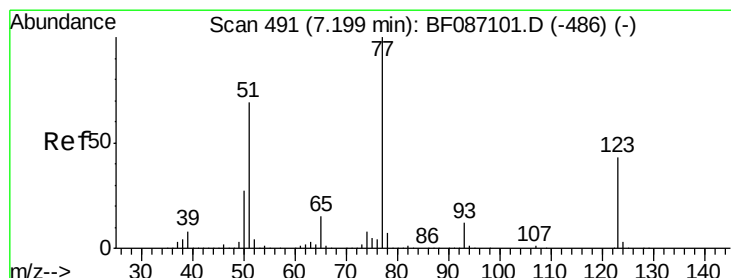
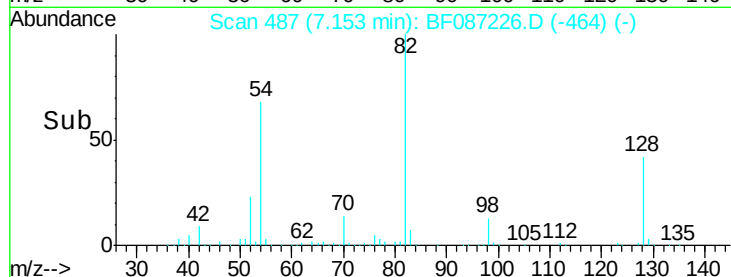
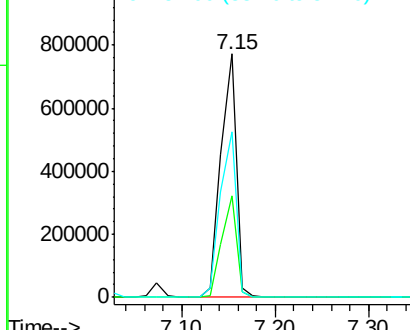
#23
Nitrobenzene-d5
Concen: 78.41 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	40.6	61.0
54	67.9	38.1	57.1#

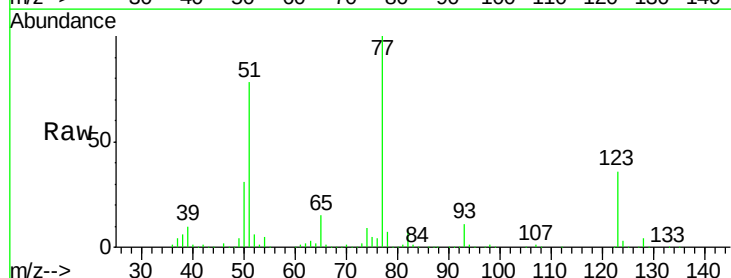


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

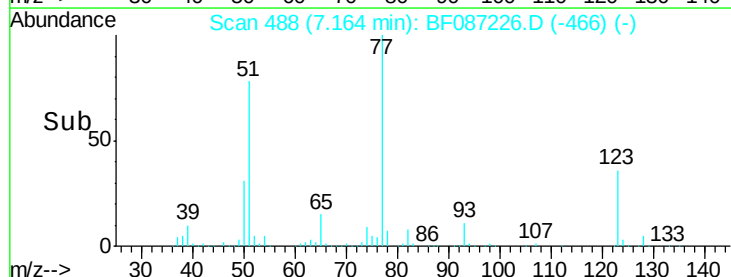
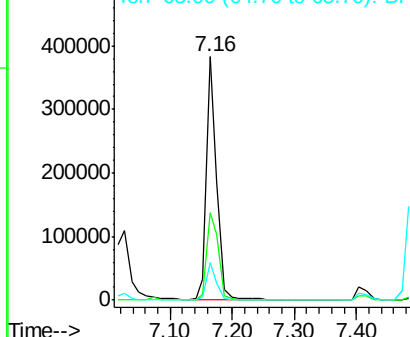


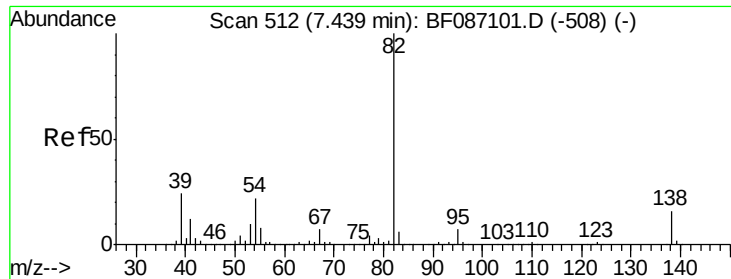
#24
Nitrobenzene
Concen: 35.21 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.05 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.8	33.0	49.4
65	15.4	10.8	16.2



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





#25

Isophorone

Concen: 36.66 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Instrument :

BNA_F

ClientSampleId :

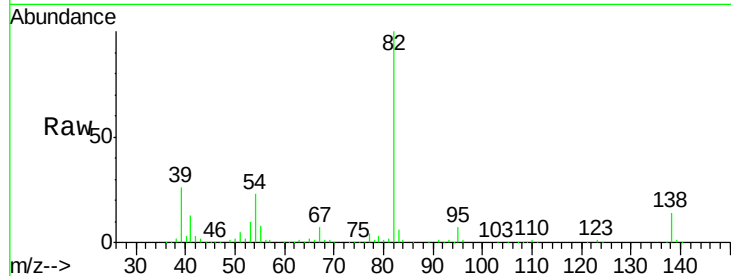
Tot Ion: 82 Resp: 763821

Ion Ratio Lower Upper

82 100

95 7.0 5.1 7.7

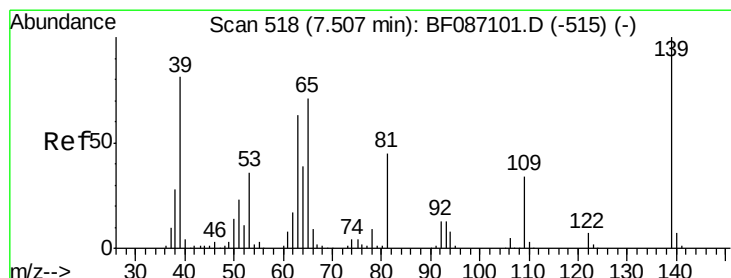
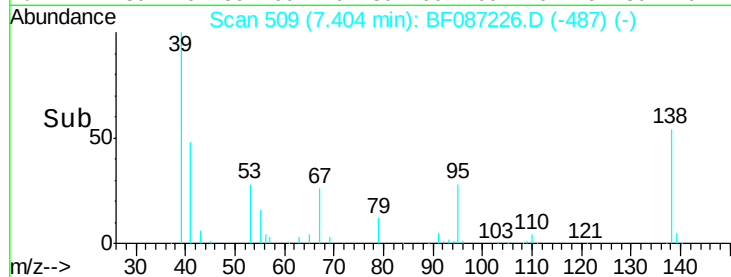
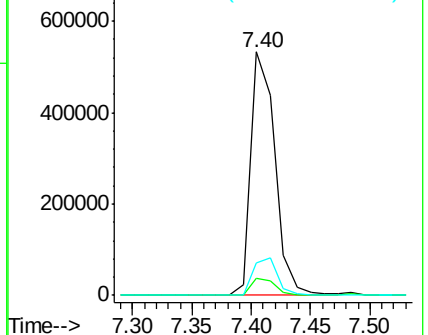
138 13.6 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.77 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

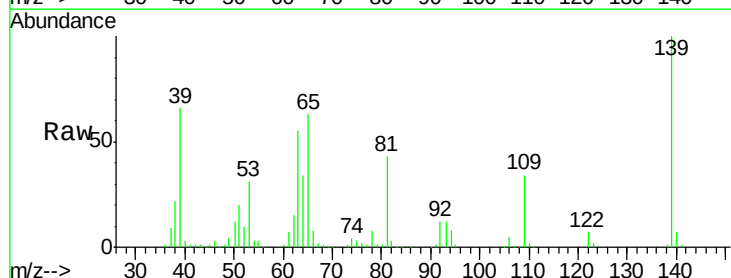
Tgt Ion: 139 Resp: 204698

Ion Ratio Lower Upper

139 100

109 33.7 19.5 29.3#

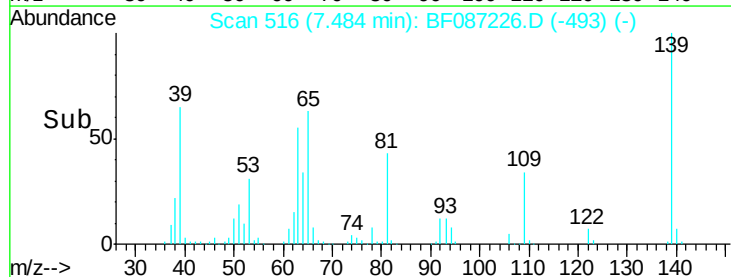
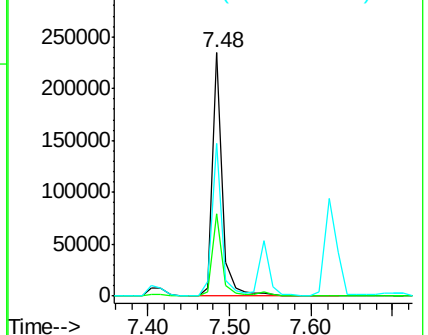
65 62.9 37.5 56.3#

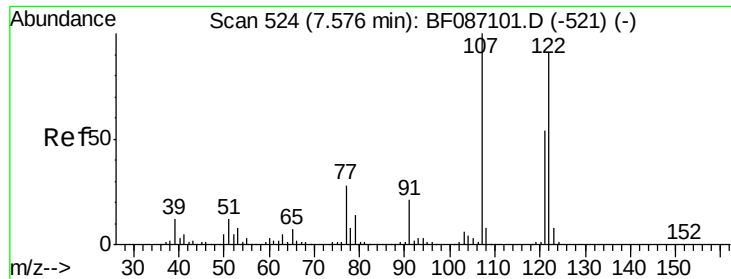


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

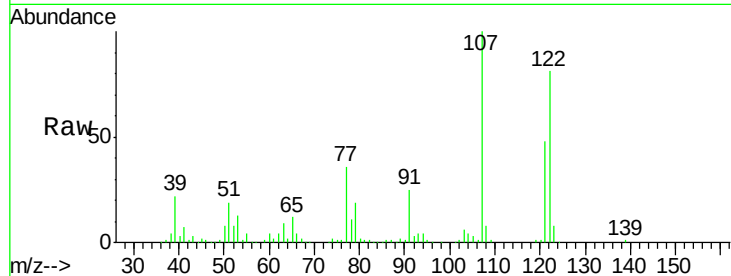




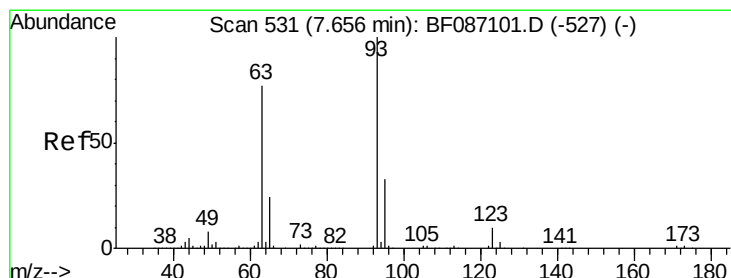
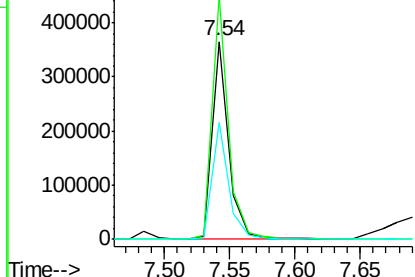
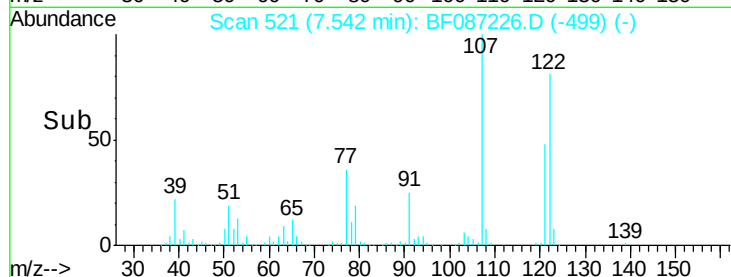
#27
 2,4-Dimethylphenol
 Concen: 36.80 ng
 RT: 7.54 min Scan# 521
 Delta R.T. -0.05 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 323229
 Ion Ratio Lower Upper
 122 100
 107 122.9 82.0 123.0
 121 59.0 46.1 69.1

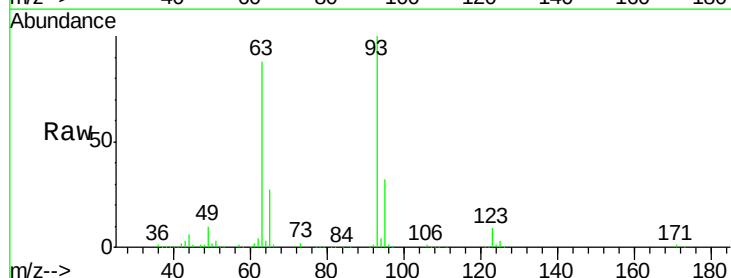


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

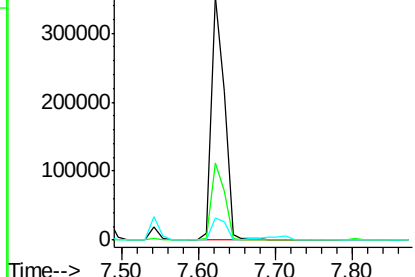
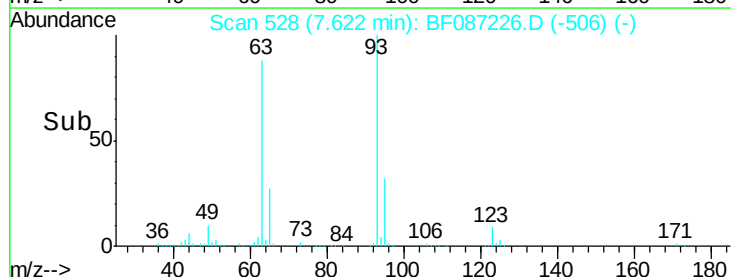


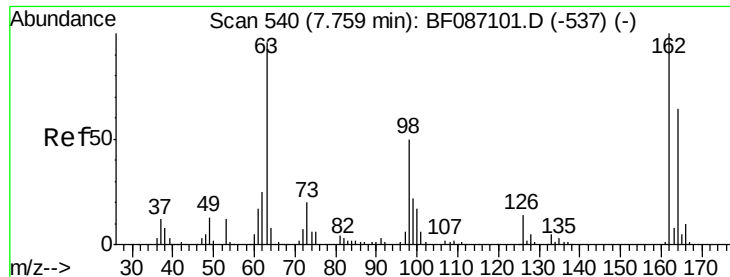
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.09 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.05 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Tgt Ion: 93 Resp: 412728
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.0 39.0
 123 8.9 9.5 14.3#



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

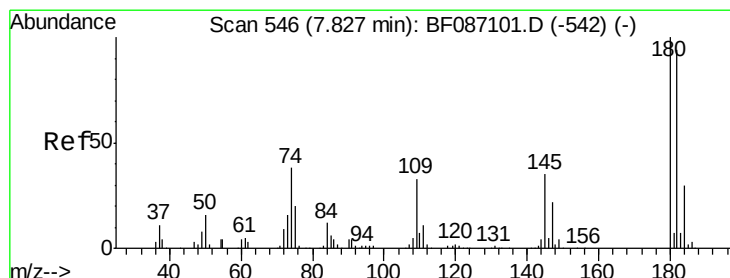
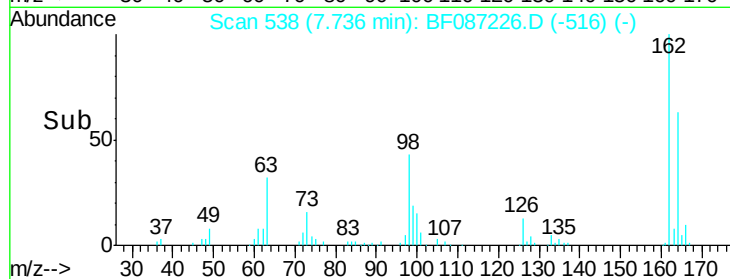
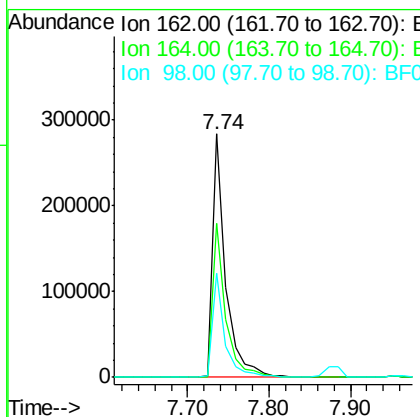
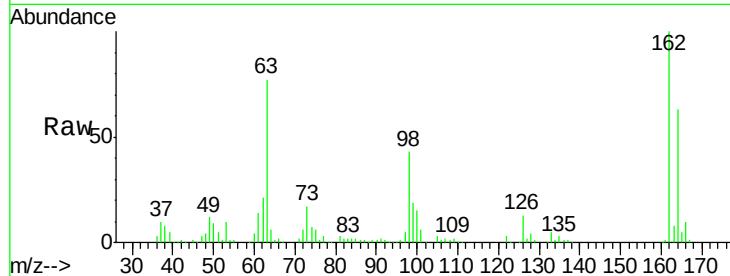




#29
 2,4-Dichlorophenol
 Concen: 40.98 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.05 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

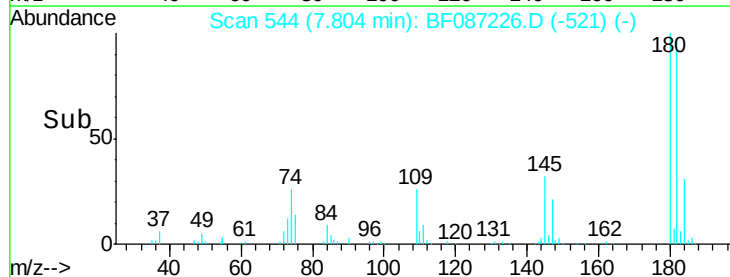
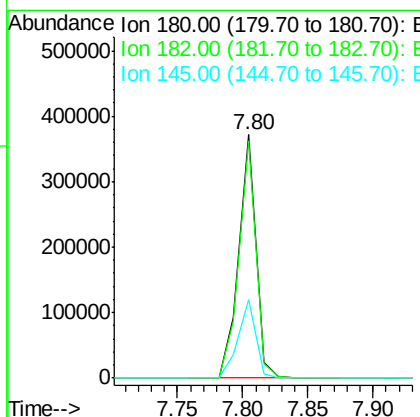
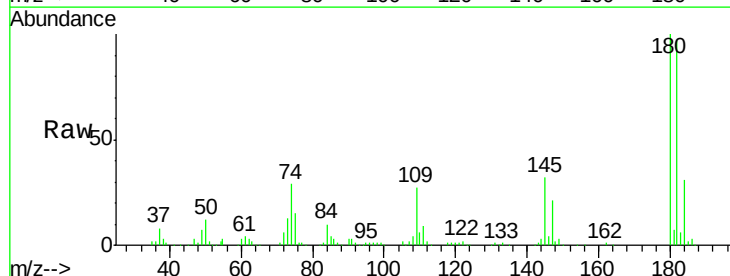
Instrument :
 BNA_F
 ClientSampleId :

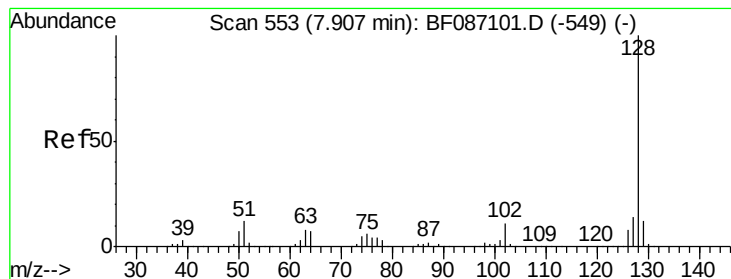
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.2	82.2
98	42.9	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.28 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.03 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	78.0	117.0
145	32.2	24.2	36.2





#31

Naphthalene

Concen: 38.59 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.03 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Instrument :

BNA_F

ClientSampleId :

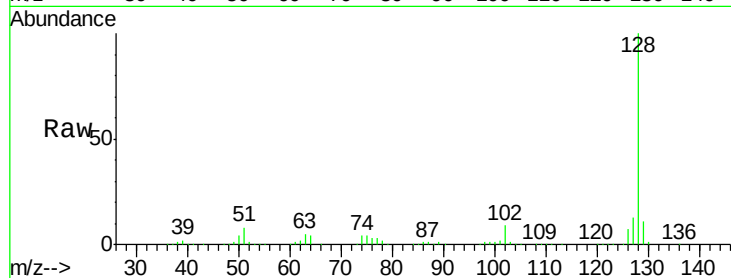
Tot Ion:128 Resp: 1069377

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

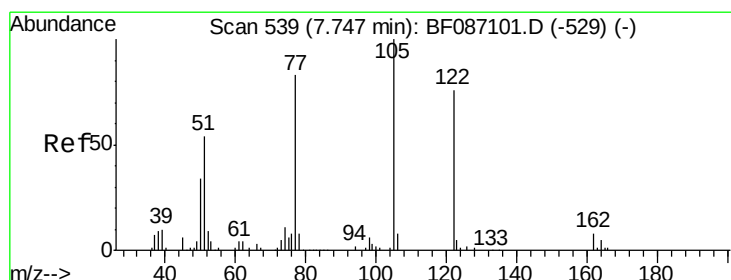
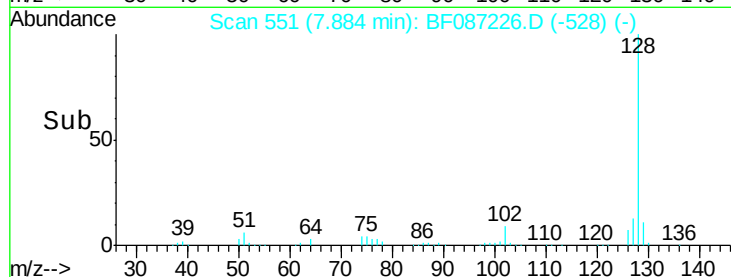
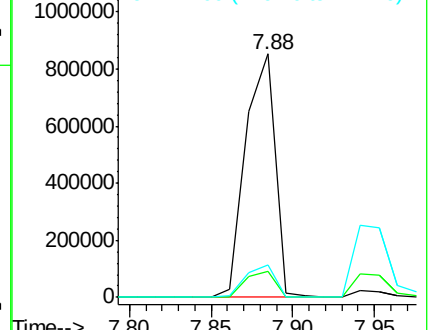
127 13.4 10.8 16.2



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: 31.09 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

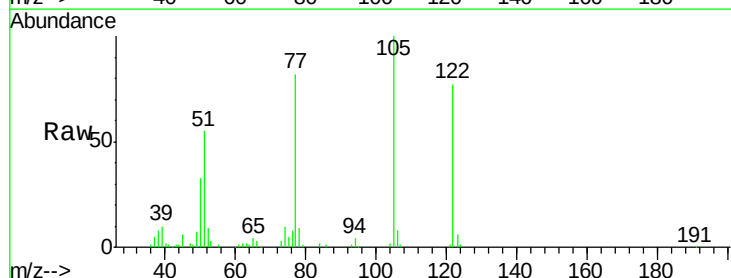
Tgt Ion:122 Resp: 162797

Ion Ratio Lower Upper

122 100

105 130.5 92.6 132.6

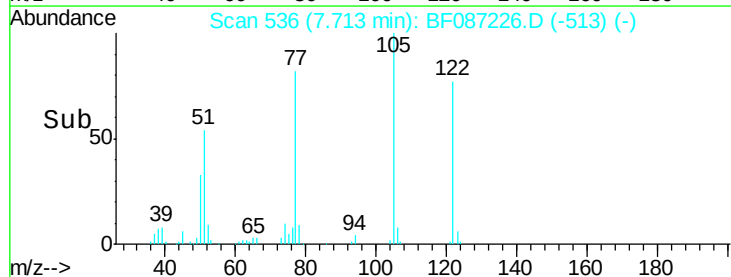
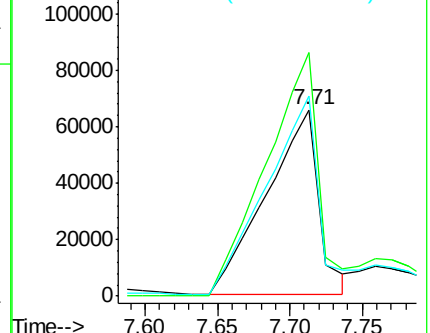
77 107.3 60.0 100.0#

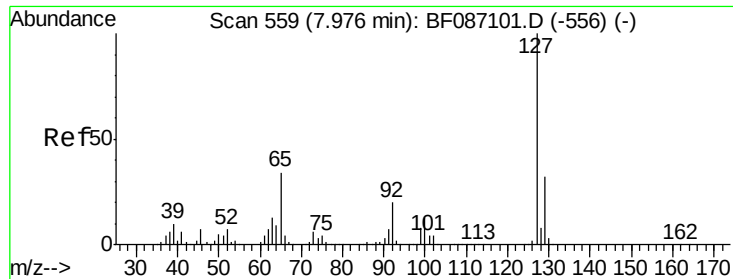


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

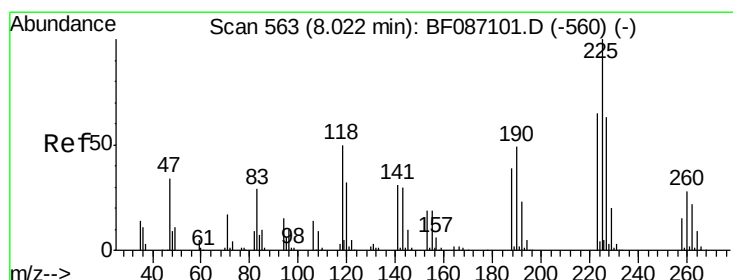
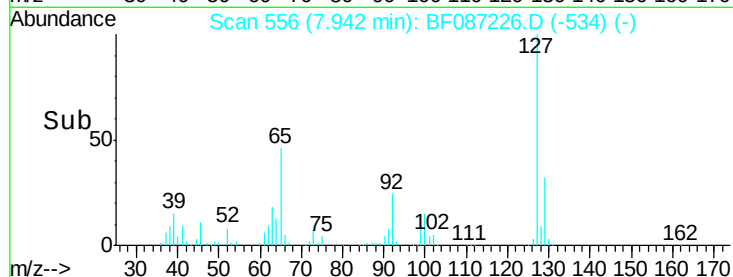
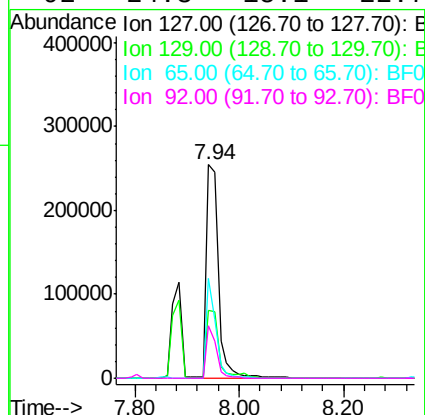
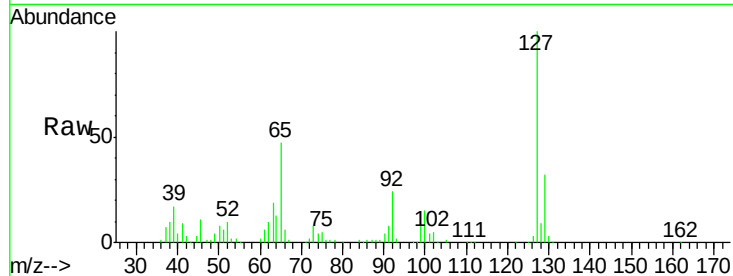




#33
 4-Chloroaniline
 Concen: 35.44 ng
 RT: 7.94 min Scan# 556
 Delta R.T. -0.05 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

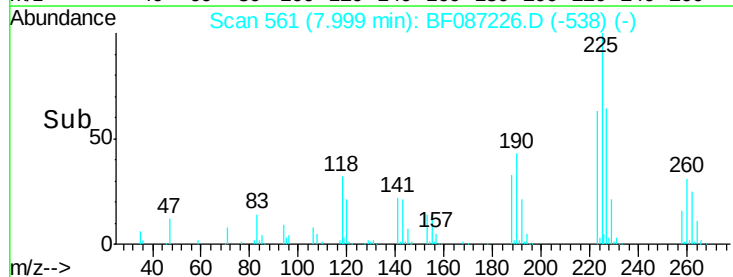
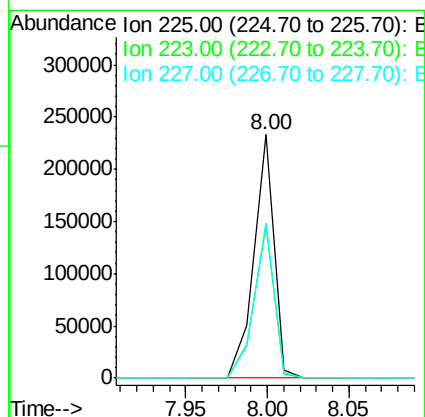
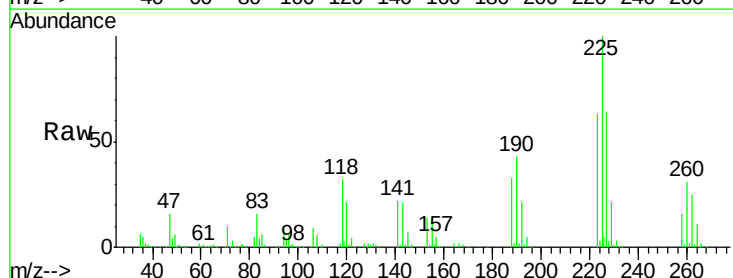
Instrument :
 BNA_F
 ClientSampleId :

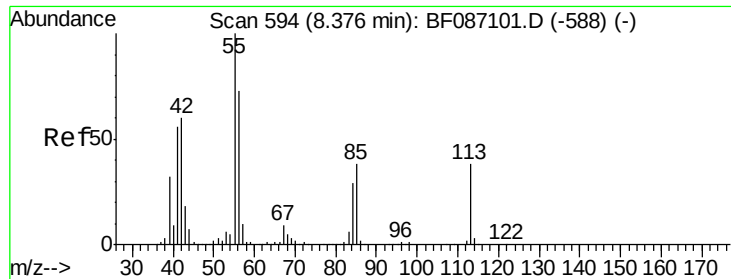
Tot Ion:	127	Resp:	408186
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	47.0	23.0	34.4
92	24.3	15.1	22.7



#34
 Hexachlorobutadiene
 Concen: 41.03 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.03 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Tgt Ion:	225	Resp:	200027
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.5	77.3
227	63.8	52.2	78.2

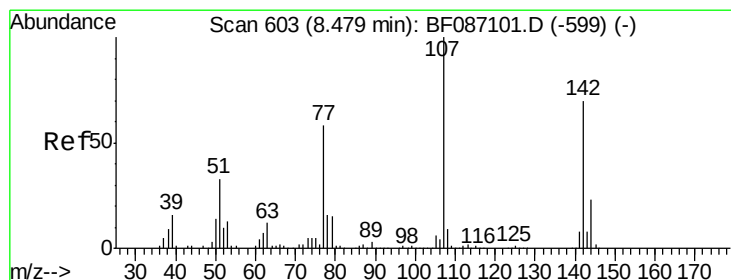
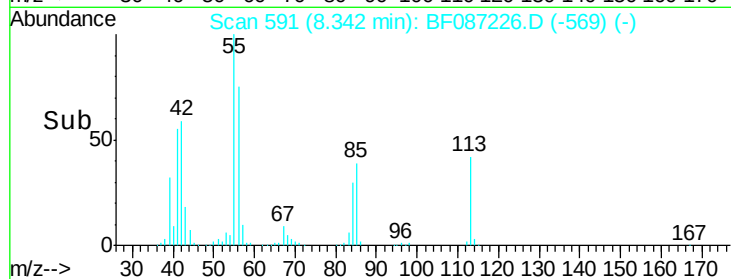
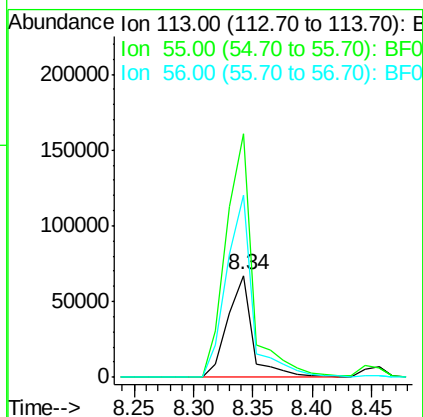
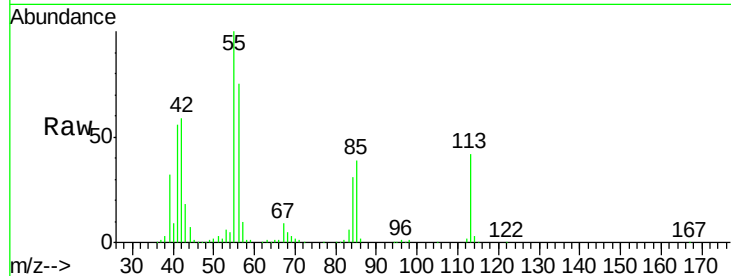




#35
Caprolactam
Concen: 38.06 ng
RT: 8.34 min Scan# 591
Delta R.T. -0.05 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

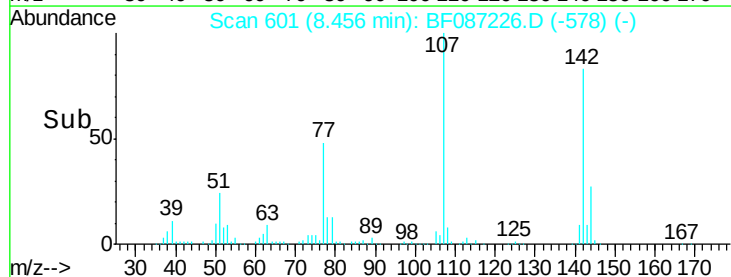
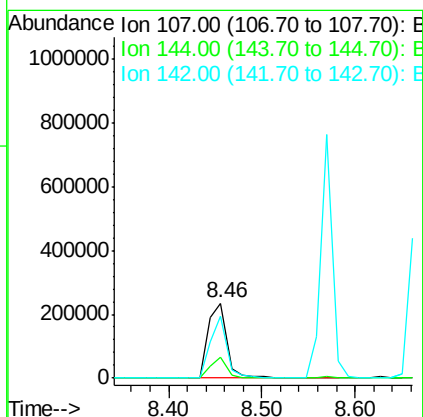
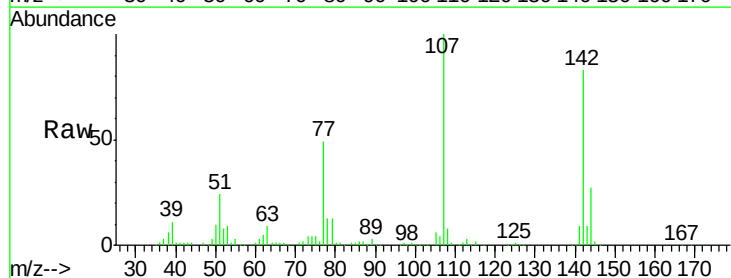
Instrument :
BNA_F
ClientSampleId :

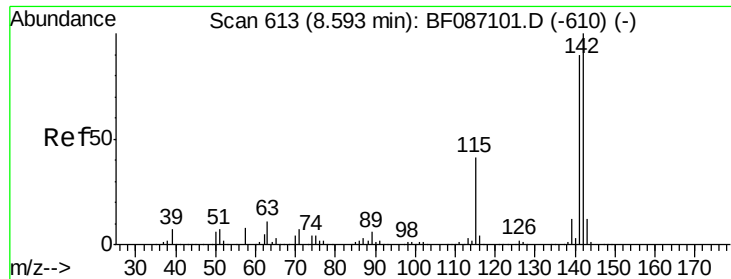
Tot Ion:113 Resp: 98091
Ion Ratio Lower Upper
113 100
55 238.9 162.0 202.0#
56 178.4 115.3 155.3#



#36
4-Chloro-3-methylphenol
Concen: 35.66 ng
RT: 8.46 min Scan# 601
Delta R.T. -0.03 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

Tgt Ion:107 Resp: 333003
Ion Ratio Lower Upper
107 100
144 27.3 20.7 31.1
142 83.3 63.2 94.8

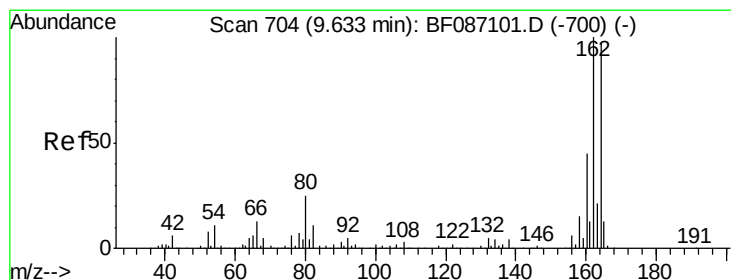
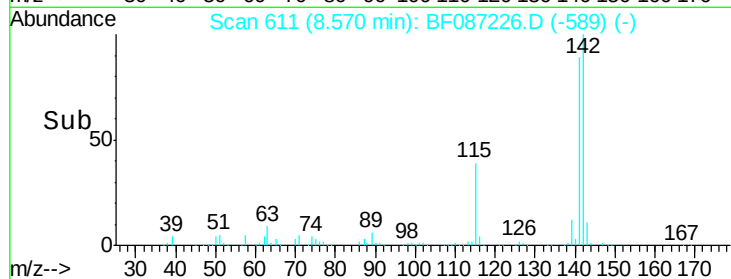
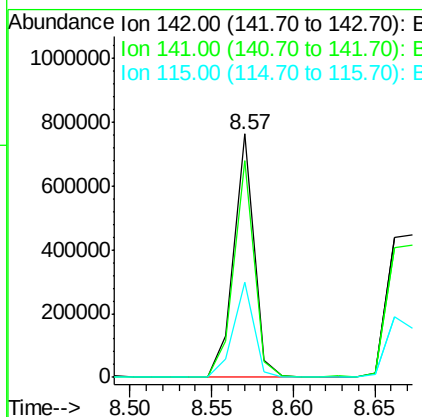
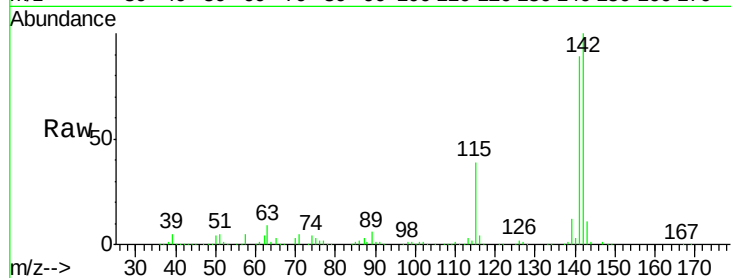




#37
2-Methylnaphthalene
Concen: 36.96 ng
RT: 8.57 min Scan# 611
Delta R.T. -0.05 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

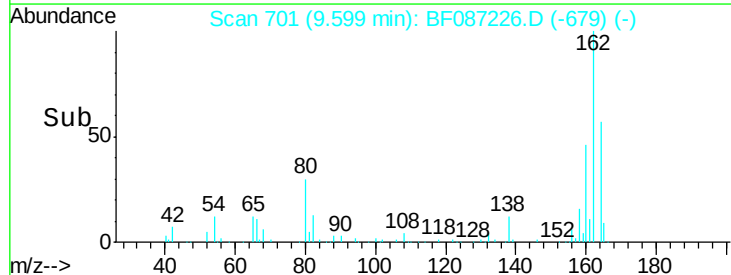
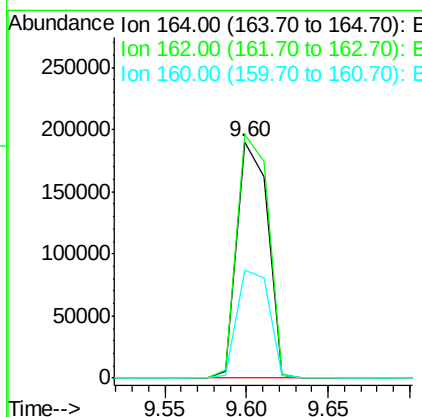
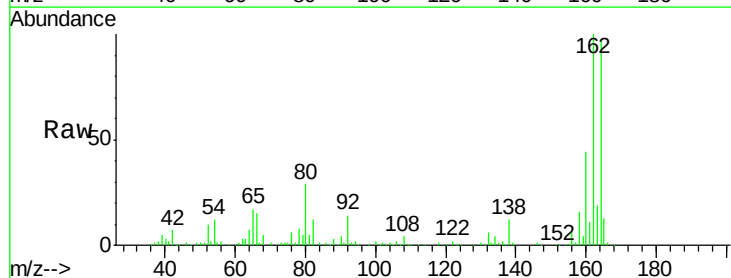
Instrument :
BNA_F
ClientSampleId :

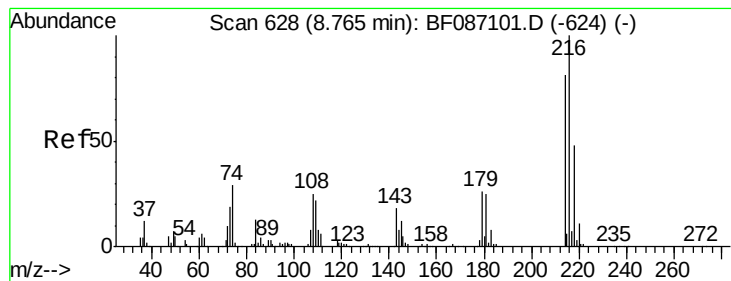
Tot Ion:142 Resp: 655081
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.6
115 39.3 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.05 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

Tgt Ion:164 Resp: 247451
Ion Ratio Lower Upper
164 100
162 103.2 82.8 124.2
160 45.7 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.72 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.03 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 301519

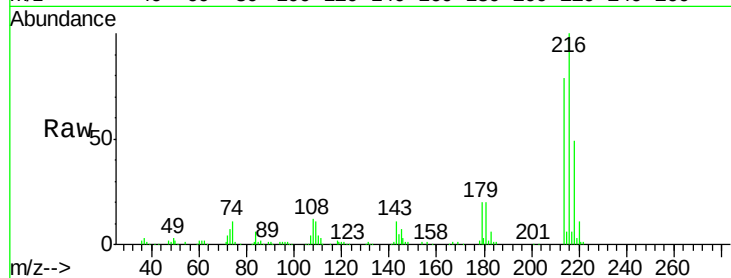
Ion Ratio Lower Upper

216 100

214 79.9 62.6 93.8

179 23.4 18.2 27.4

108 20.5 17.5 26.3

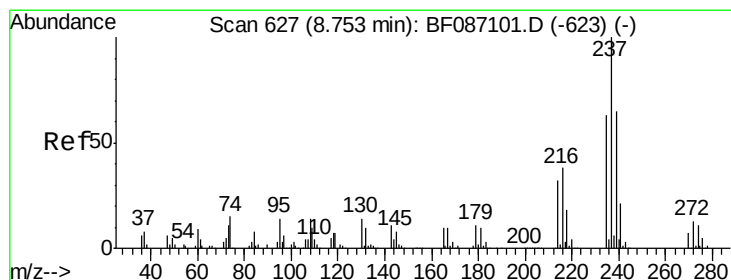
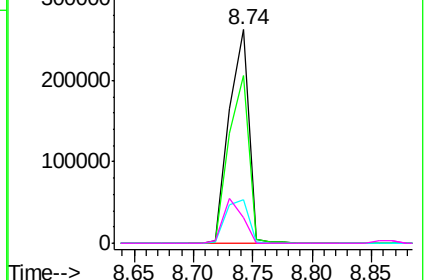
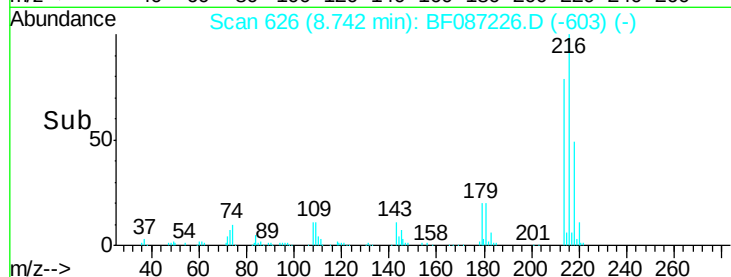


Abundance Ion 216.00 (215.70 to 216.70): E

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: 14.53 ng

RT: 8.72 min Scan# 624

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

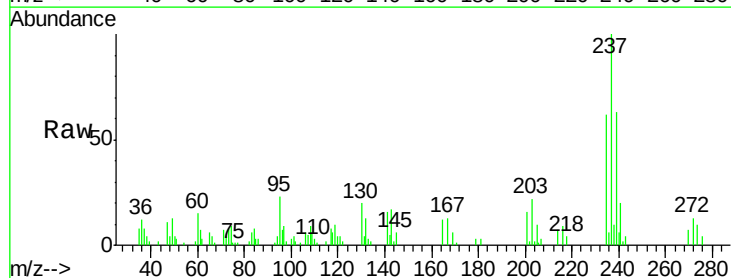
Tgt Ion:237 Resp: 20677

Ion Ratio Lower Upper

237 100

235 62.4 47.2 87.2

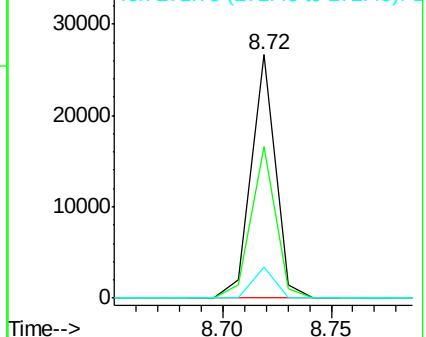
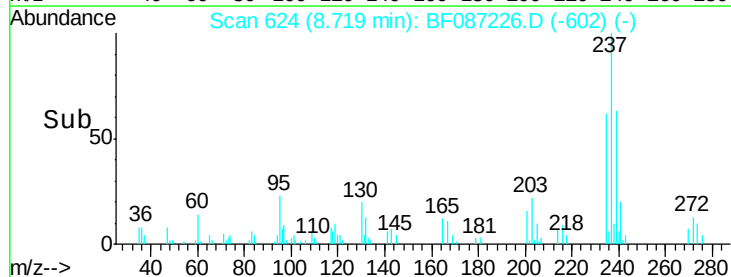
272 12.9 0.0 31.1

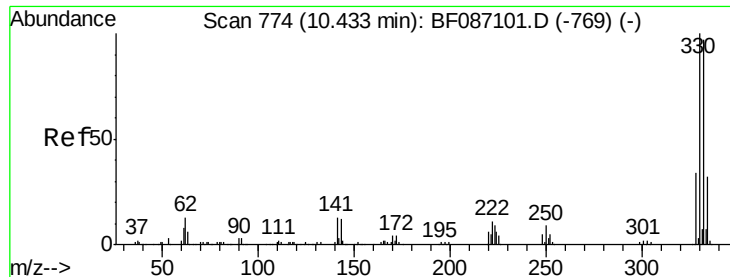


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

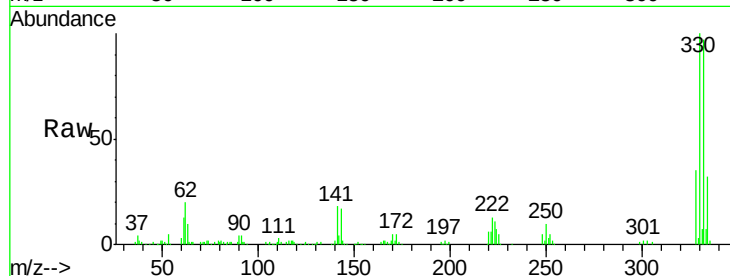




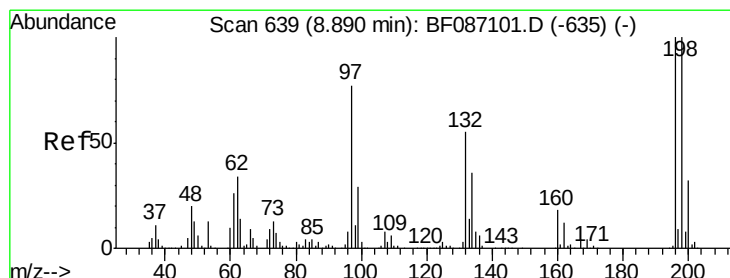
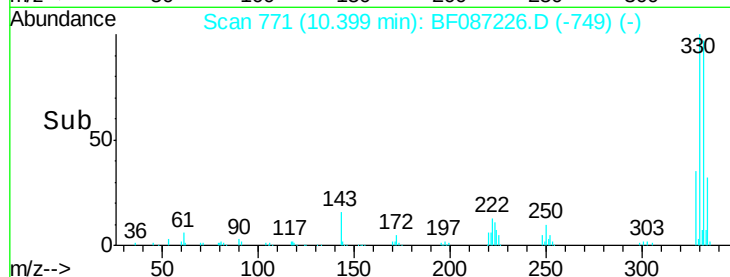
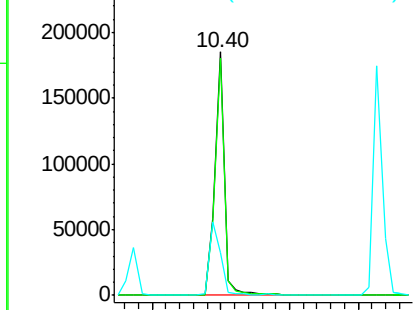
#41
 2,4,6-Tribromophenol
 Concen: 67.99 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	35.8	31.2	46.8

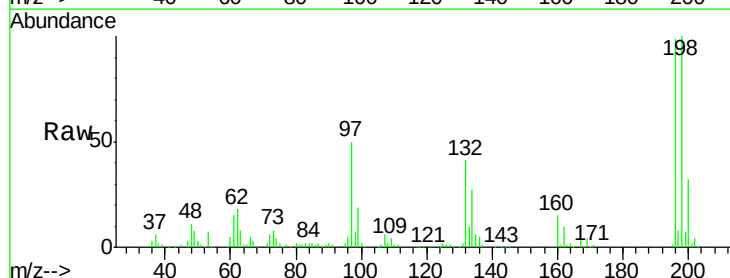


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

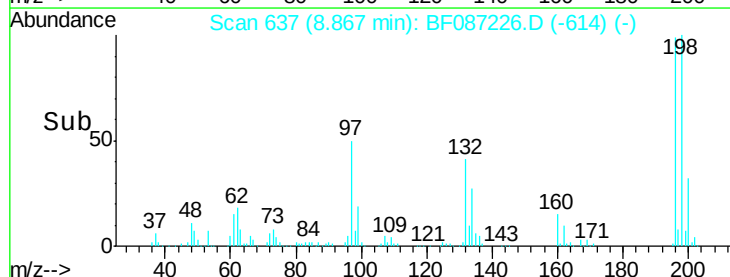
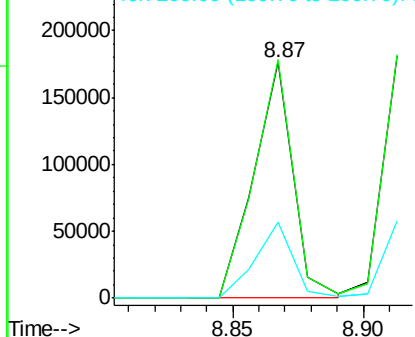


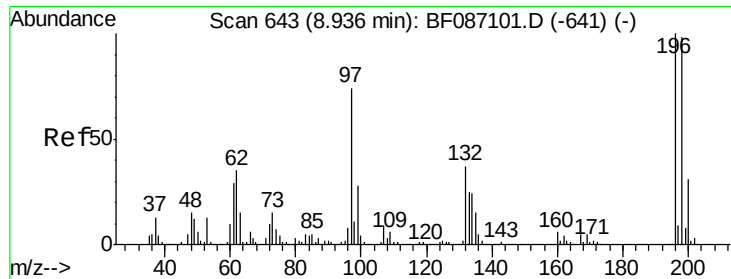
#42
 2,4,6-Trichlorophenol
 Concen: 39.55 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.03 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.3	74.7	112.1
200	32.4	23.8	35.6



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

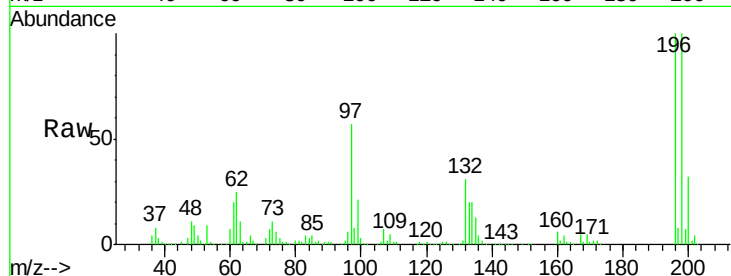




#43
 2,4,5-Trichlorophenol
 Concen: 38.63 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.03 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.3	77.5	116.3
97	57.1	34.8	52.2
132	30.8	23.0	34.4



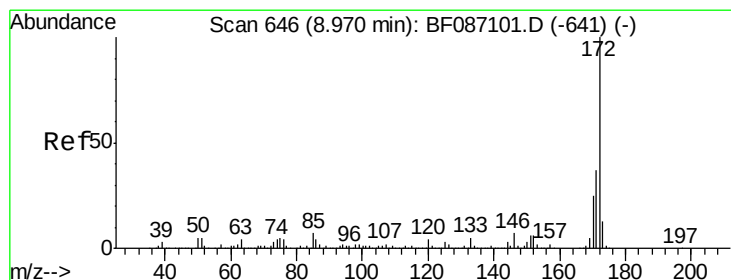
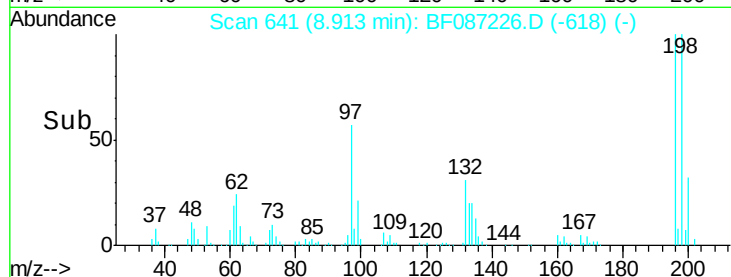
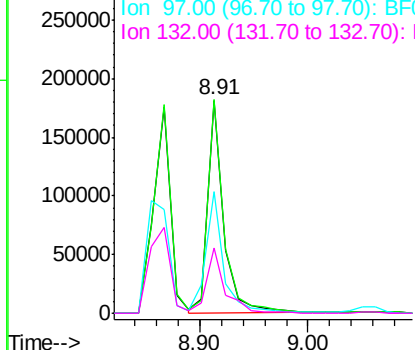
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

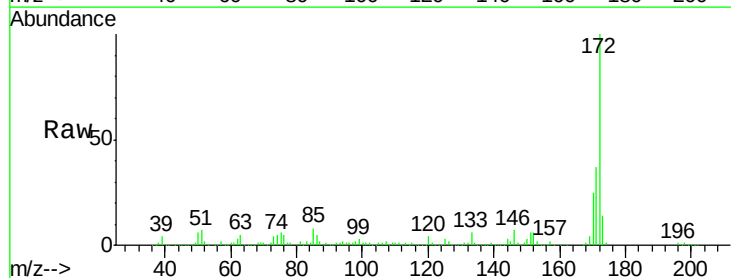
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.84 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.05 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.6	19.8	29.8

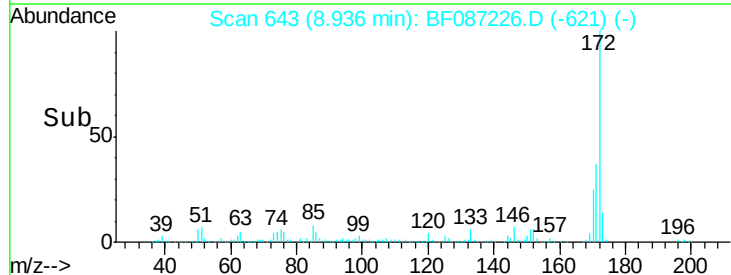
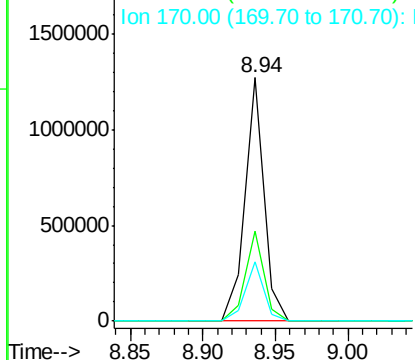


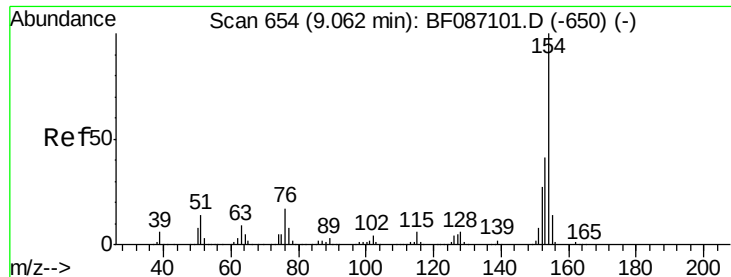
Abundance

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

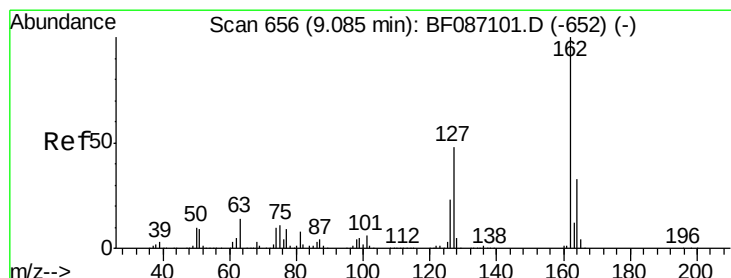
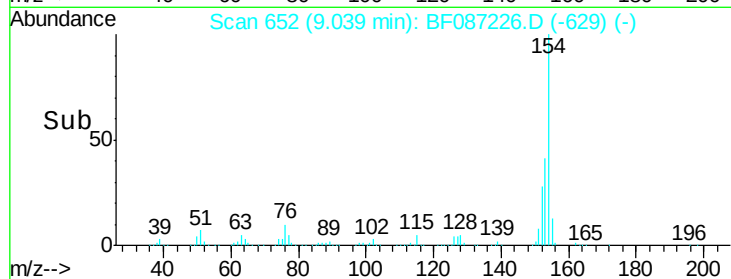
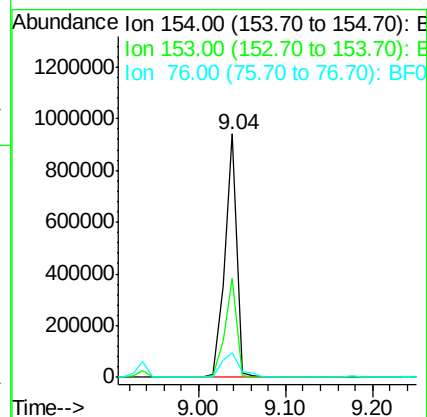
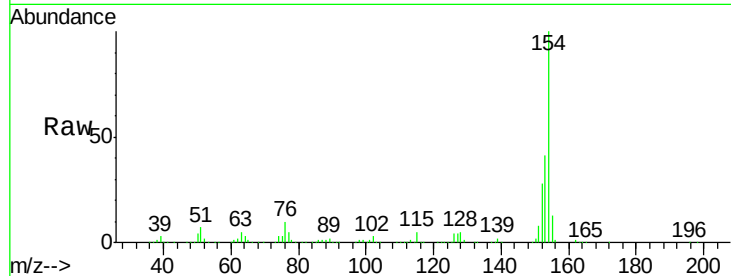




#45
 1,1'-Biphenyl
 Concen: 44.54 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

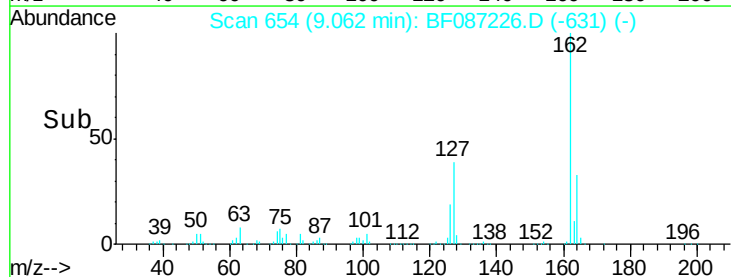
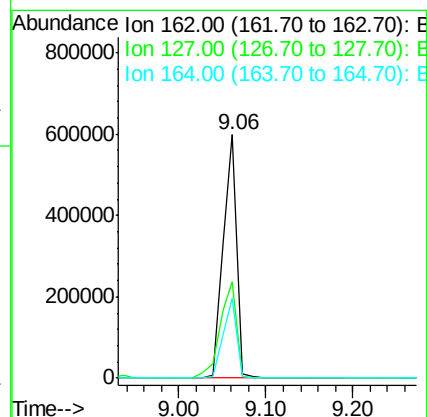
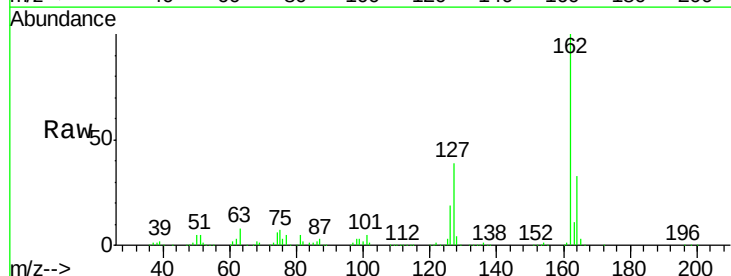
Instrument :
 BNA_F
 ClientSampleId :

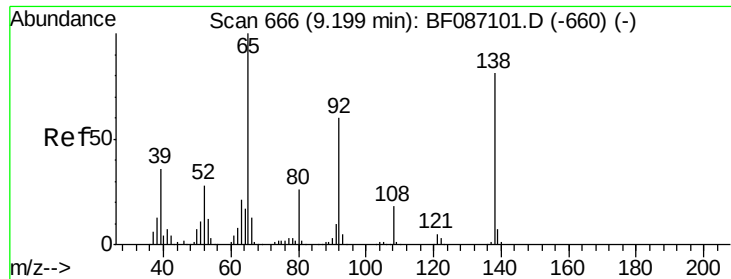
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	10.4	0.0	30.2



#46
 2-Chloronaphthalene
 Concen: 41.88 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.8	47.6
164	33.0	27.0	40.6

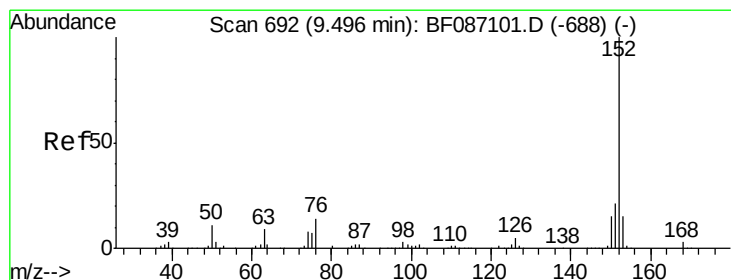
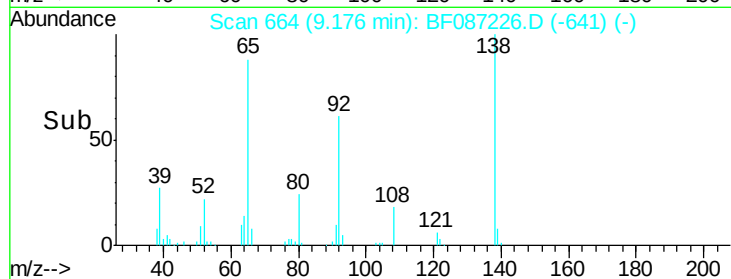
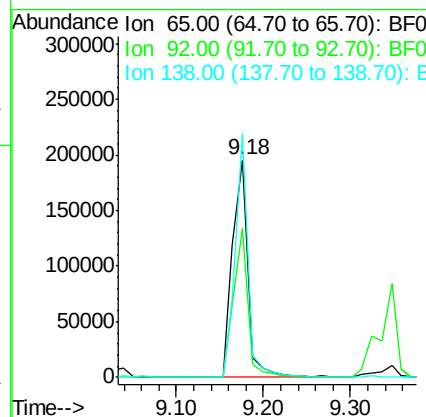
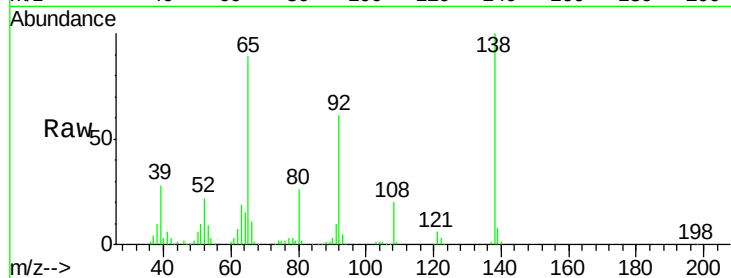




#47
2-Nitroaniline
Concen: 40.38 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

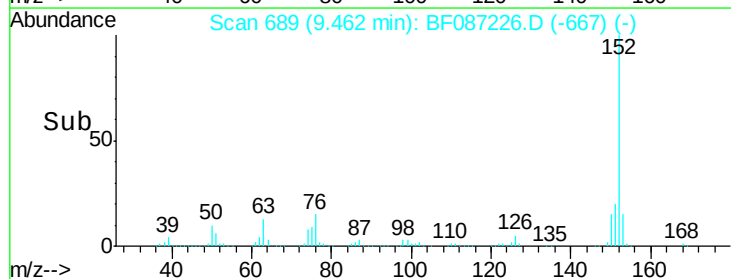
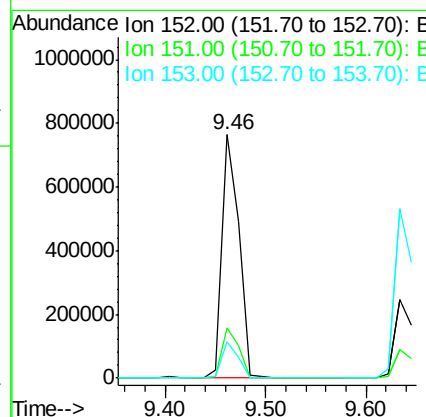
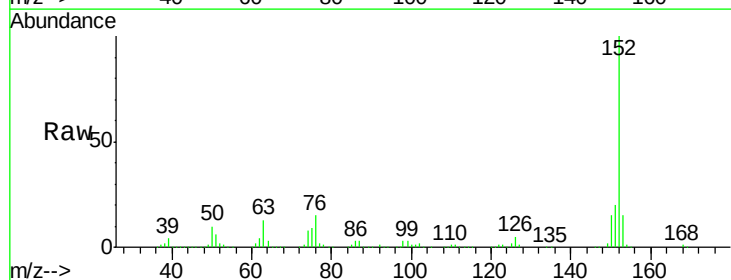
Instrument :
BNA_F
ClientSampled :

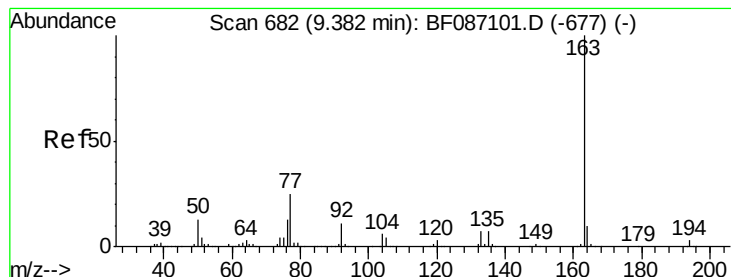
Tot Ion: 65 Resp: 243720
Ion Ratio Lower Upper
65 100
92 68.7 57.4 86.2
138 112.4 90.1 135.1



#48
Acenaphthylene
Concen: 37.12 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

Tgt Ion: 152 Resp: 892788
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 14.6 10.9 16.3





#49

Dimethylphthalate

Concen: 39.59 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Instrument :

BNA_F

ClientSampleId :

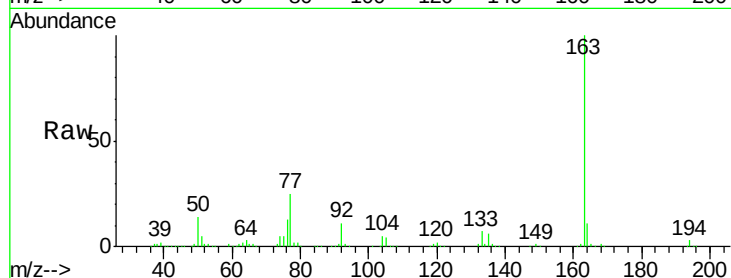
Tot Ion:163 Resp: 747301

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

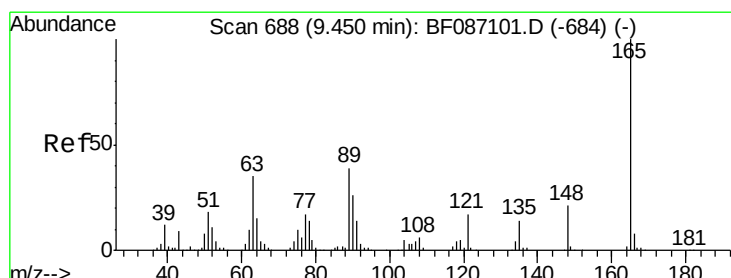
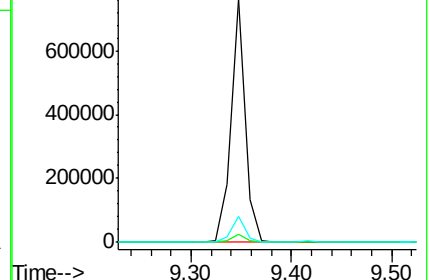
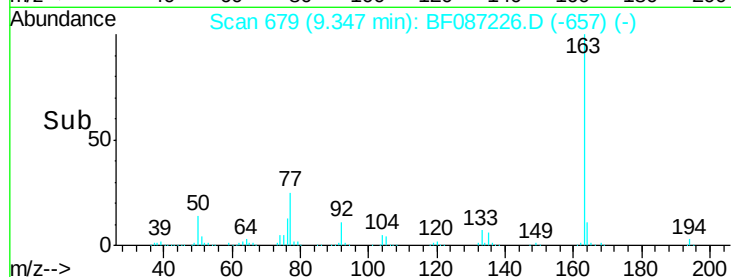
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.96 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

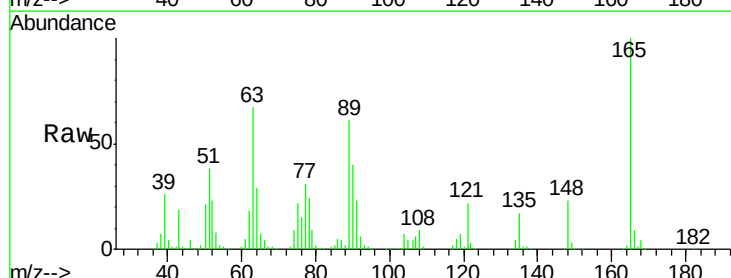
Tgt Ion:165 Resp: 171974

Ion Ratio Lower Upper

165 100

63 67.1 51.8 77.8

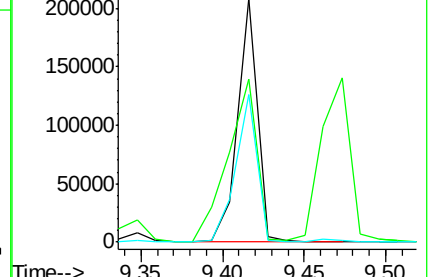
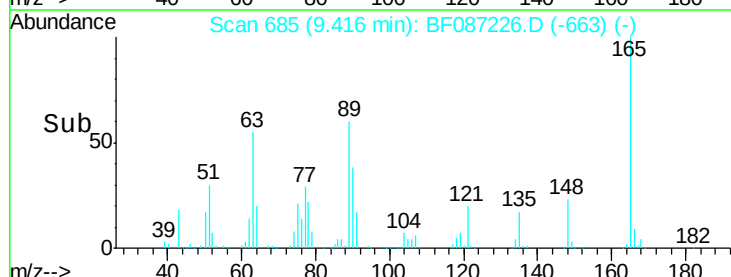
89 60.8 50.7 76.1

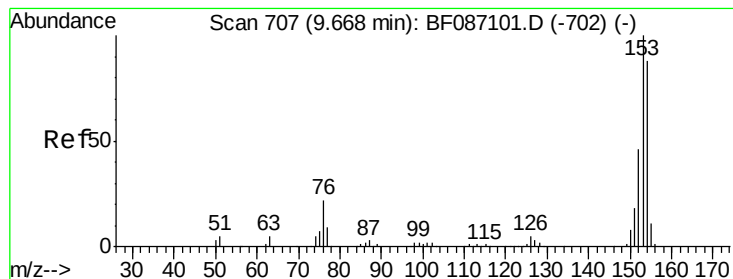


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.40 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Instrument :

BNA_F

ClientSampleId :

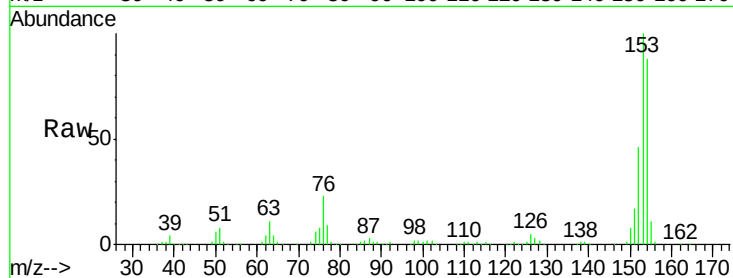
Tot Ion:154 Resp: 561936

Ion Ratio Lower Upper

154 100

153 113.5 89.8 134.6

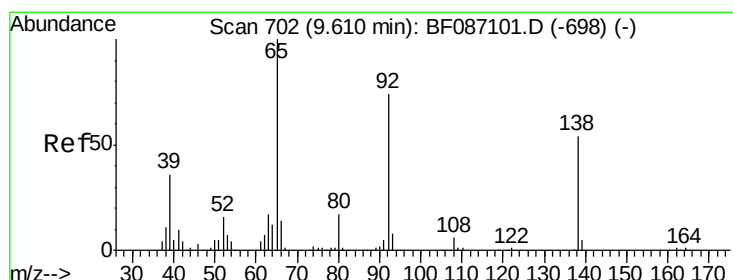
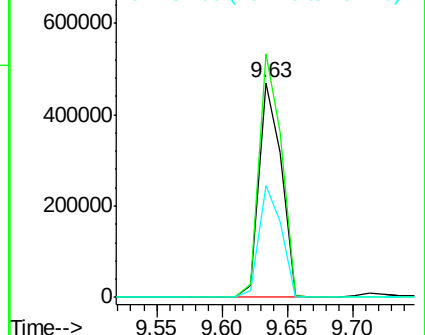
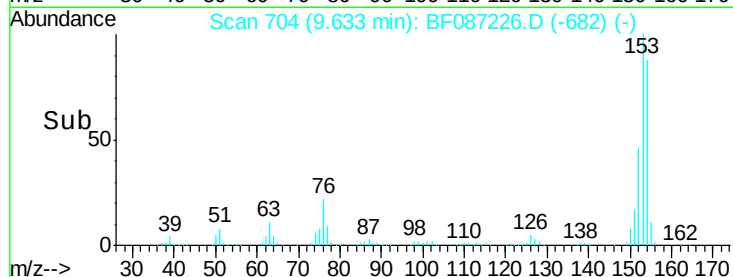
152 52.3 43.4 65.0



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: 41.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

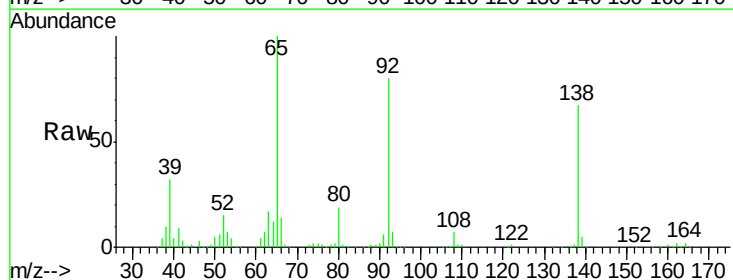
Tgt Ion:138 Resp: 181900

Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.6

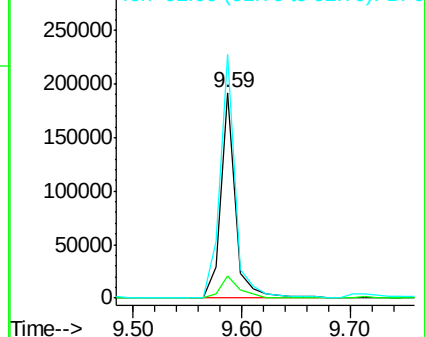
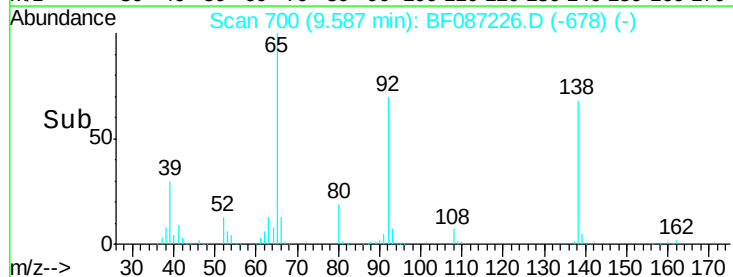
92 118.5 87.8 131.8

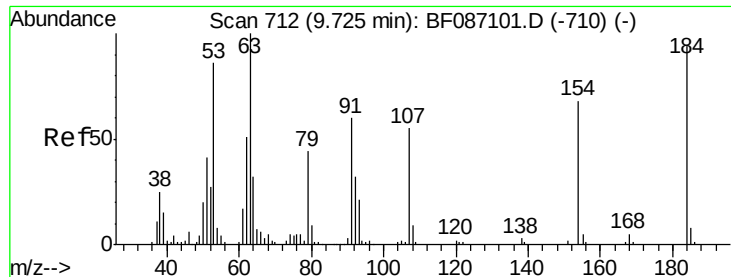


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

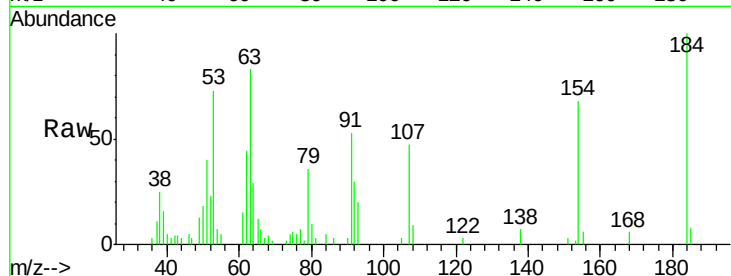




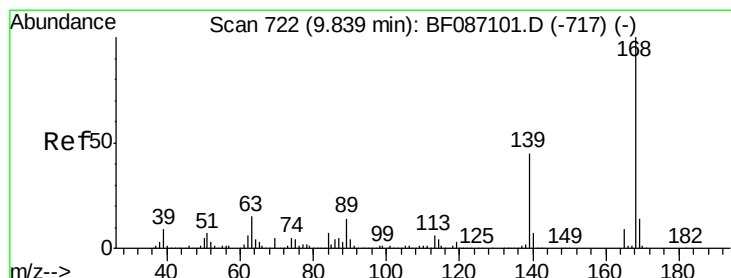
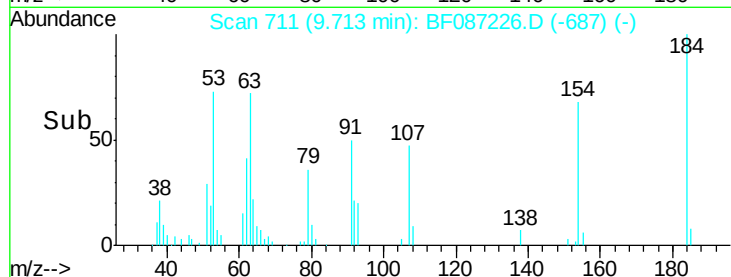
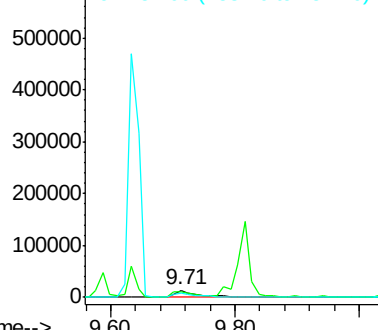
#53
 2,4-Dinitrophenol
 Concen: 17.84 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.02 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 32706
 Ion Ratio Lower Upper
 184 100
 63 83.1 55.8 83.8
 154 68.4 62.4 93.6

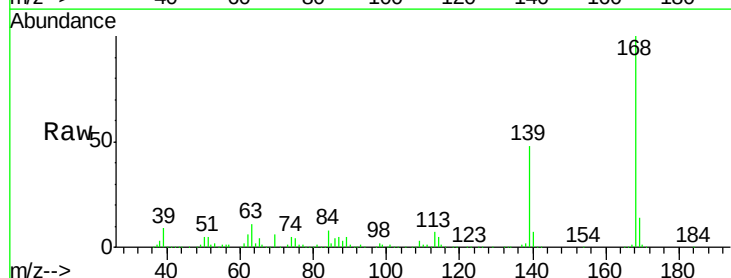


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

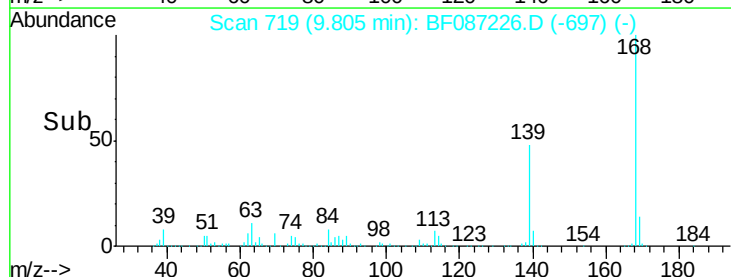
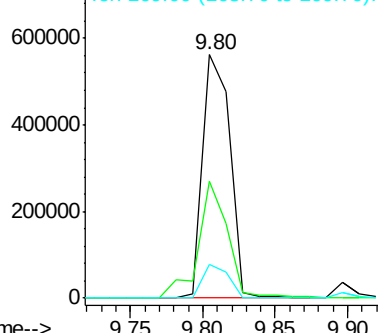


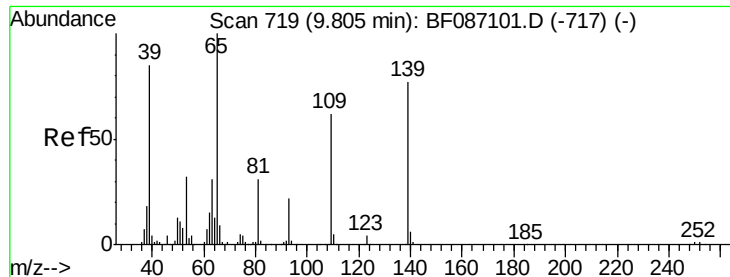
#54
 Dibenzofuran
 Concen: 37.86 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.05 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Tgt Ion:168 Resp: 735757
 Ion Ratio Lower Upper
 168 100
 139 47.8 31.4 47.0#
 169 14.0 10.7 16.1



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





#55

4-Nitrophenol

Concen: 101.00 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Instrument :

BNA_F

ClientSampleId :

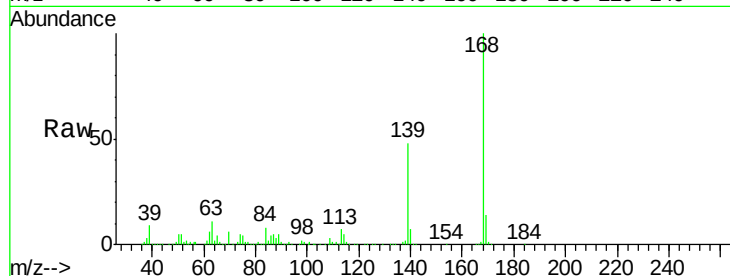
Tot Ion:139 Resp: 392783

Ion Ratio Lower Upper

139 100

109 5.6 36.9 76.9#

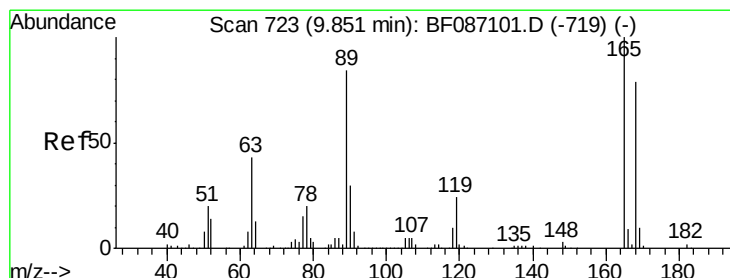
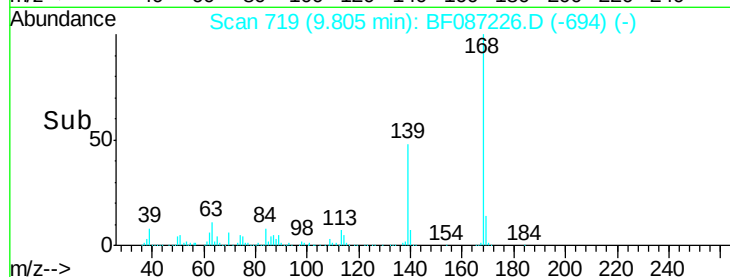
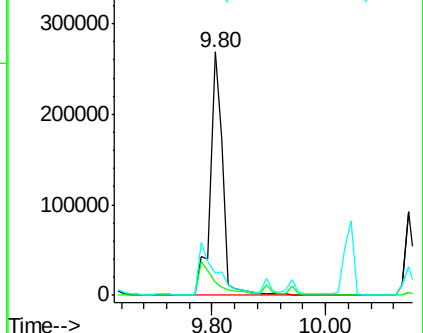
65 8.9 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.18 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Tgt Ion:165 Resp: 184681

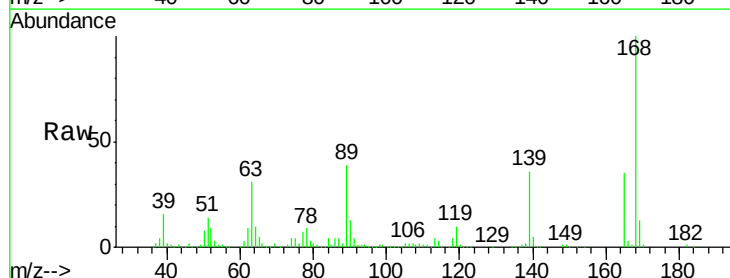
Ion Ratio Lower Upper

165 100

63 87.3 44.3 66.5#

89 109.9 70.0 105.0#

182 2.1 1.8 2.6

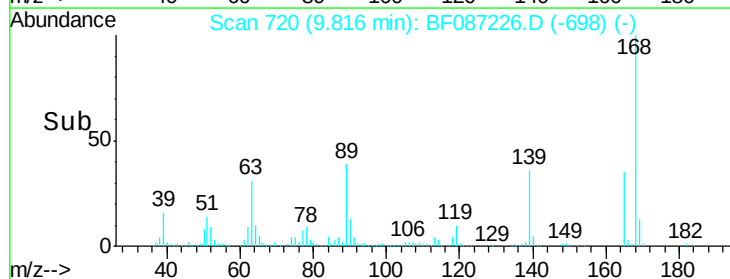
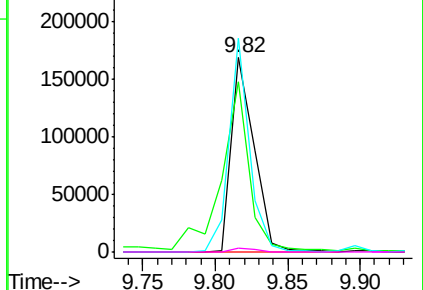


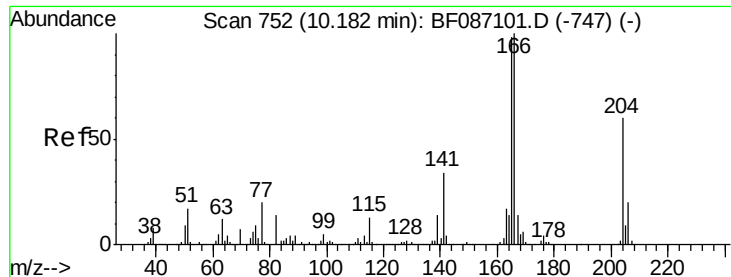
Abundance Ion 165.00 (164.70 to 165.70): E

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

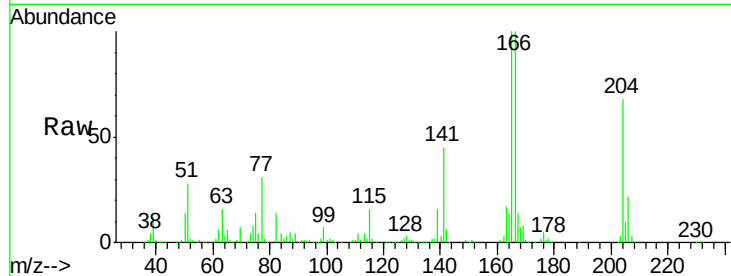




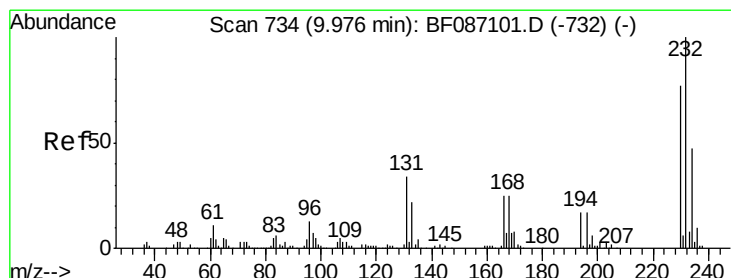
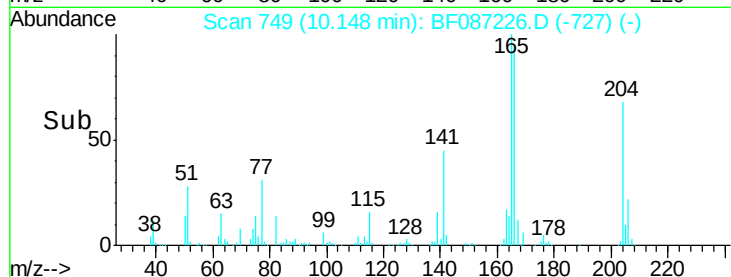
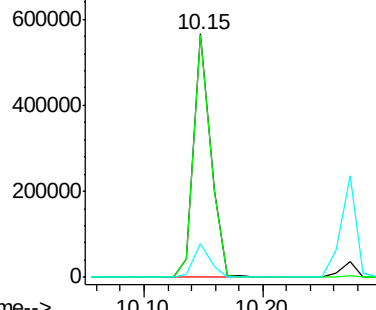
#57
 Fluorene
 Concen: 36.05 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.05 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 562834
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.0 118.6
 167 13.9 10.6 15.8

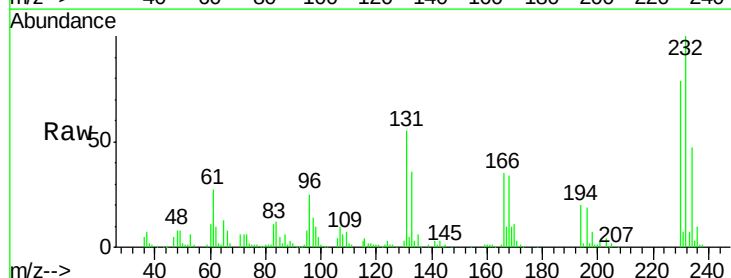


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

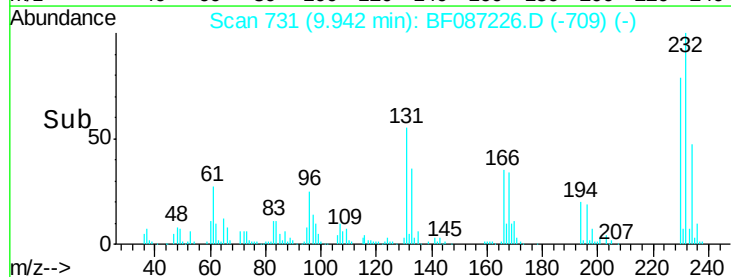
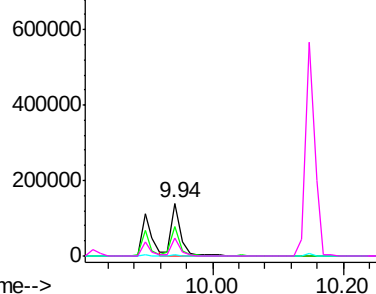


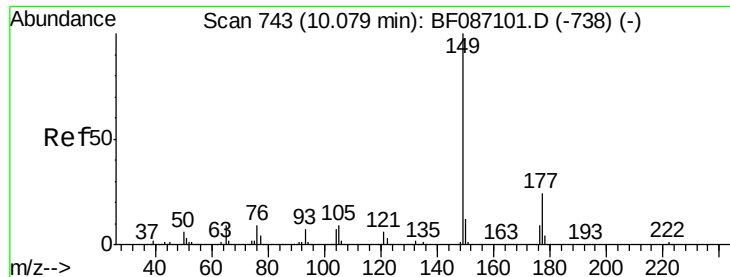
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.95 ng
 RT: 9.94 min Scan# 731
 Delta R.T. -0.05 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Tgt Ion:232 Resp: 143909
 Ion Ratio Lower Upper
 232 100
 131 51.9 41.9 62.9
 130 2.5 2.2 3.4
 166 31.2 26.8 40.2



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

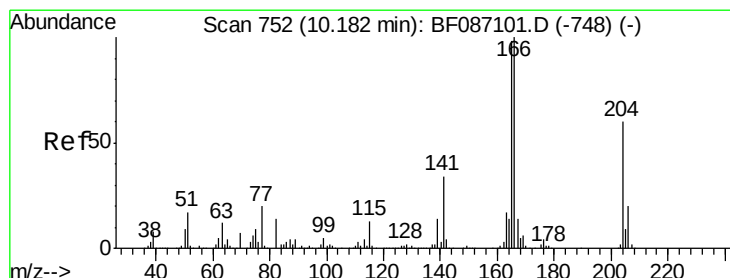
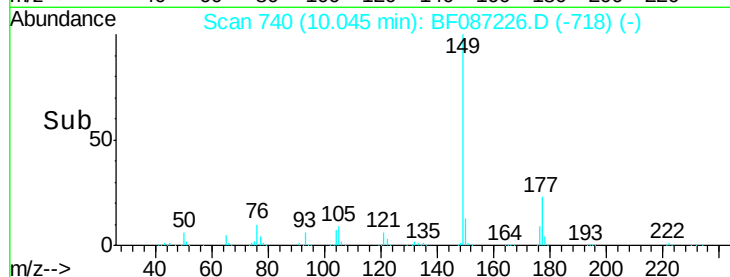
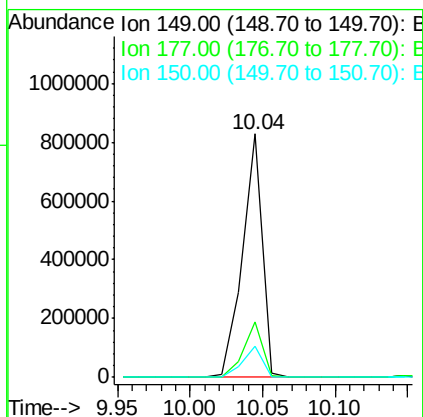
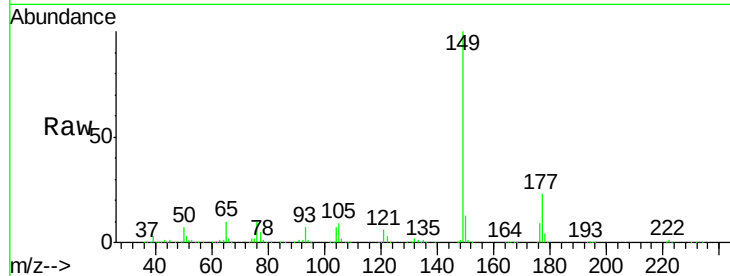




#59
Diethylphthalate
Concen: 43.54 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

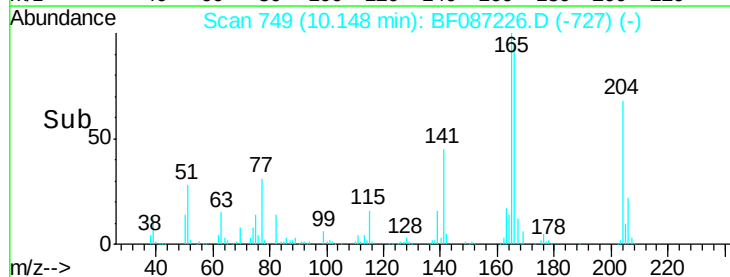
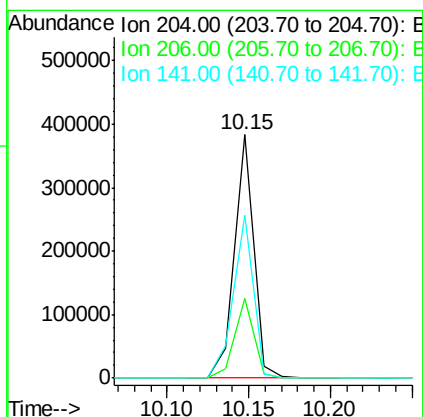
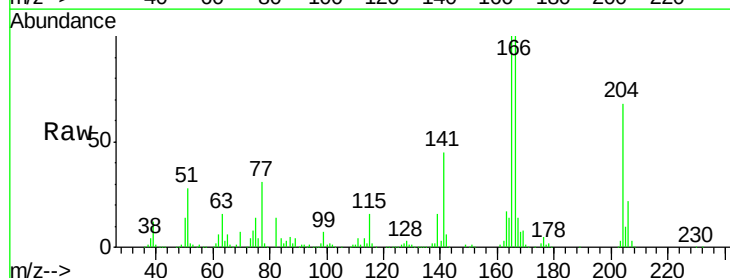
Instrument :
BNA_F
ClientSampleId :

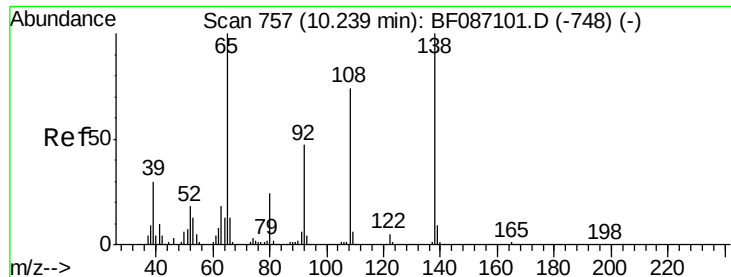
Tot Ion:149 Resp: 784585
Ion Ratio Lower Upper
149 100
177 22.6 16.6 24.8
150 12.6 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 42.01 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.05 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

Tgt Ion:204 Resp: 310888
Ion Ratio Lower Upper
204 100
206 32.9 25.4 38.0
141 66.9 61.6 92.4





#61

4-Nitroaniline

Concen: 35.64 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Instrument :

BNA_F

ClientSampleId :

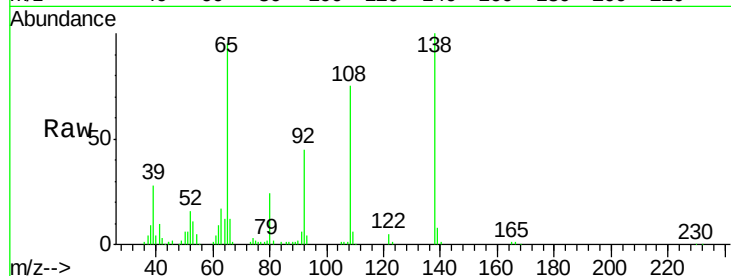
Tot Ion:138 Resp: 156138

Ion Ratio Lower Upper

138 100

92 44.6 24.7 64.7

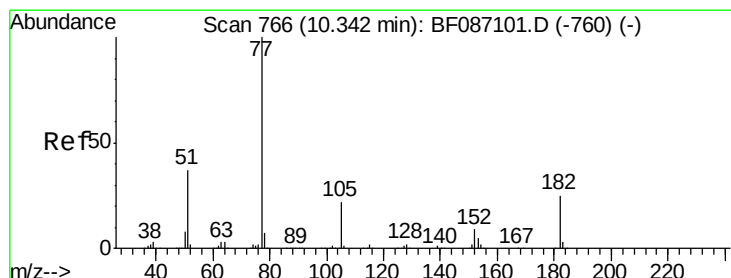
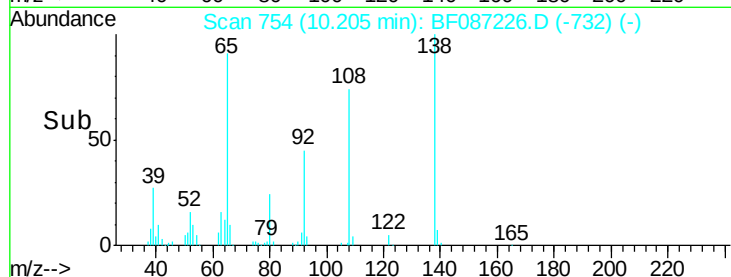
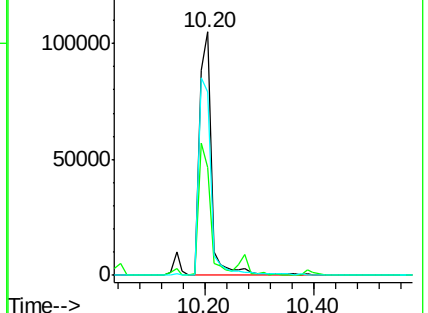
108 75.3 37.4 77.4



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: 39.36 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Tgt Ion: 77 Resp: 817388

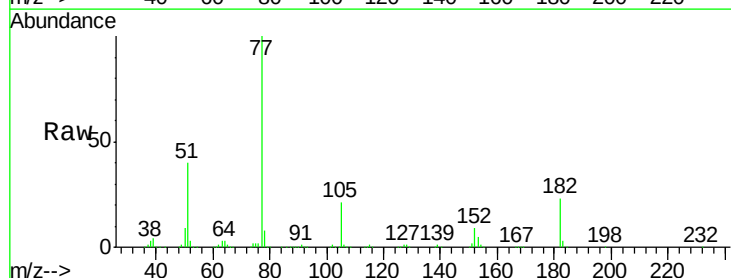
Ion Ratio Lower Upper

77 100

182 22.8 0.0 38.8

105 21.4 3.2 43.2

51 40.4 8.8 48.8

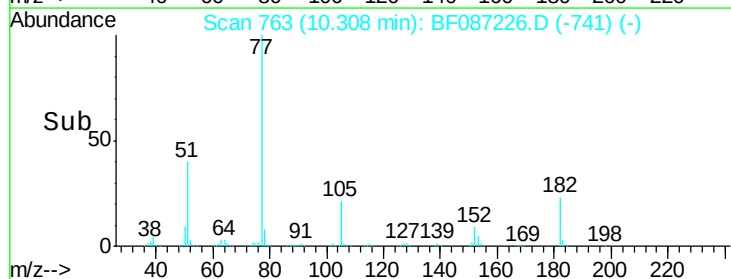
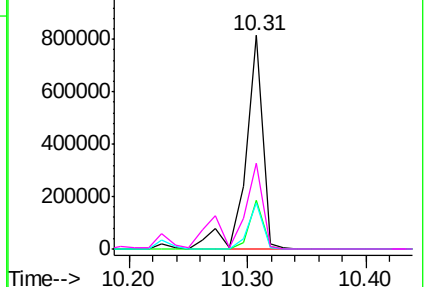


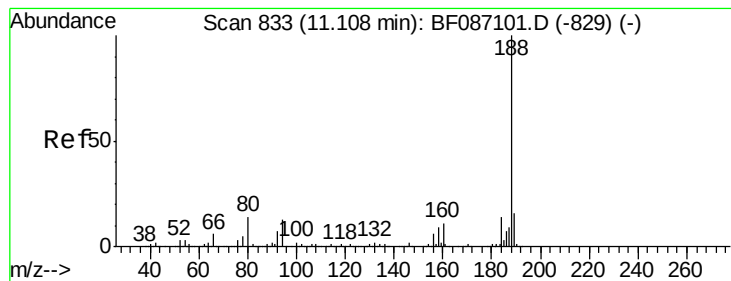
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.08 min Scan# 831

Delta R.T. -0.03 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Instrument :

BNA_F

ClientSampleId :

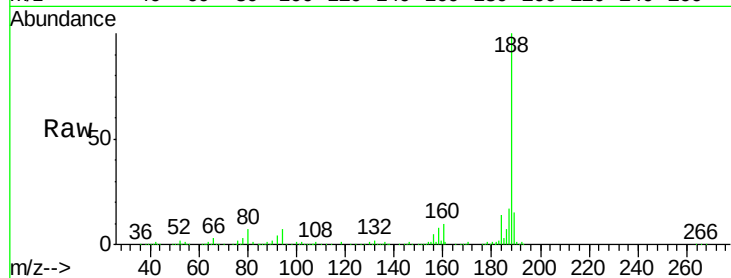
Tot Ion:188 Resp: 400019

Ion Ratio Lower Upper

188 100

94 7.2 6.8 10.2

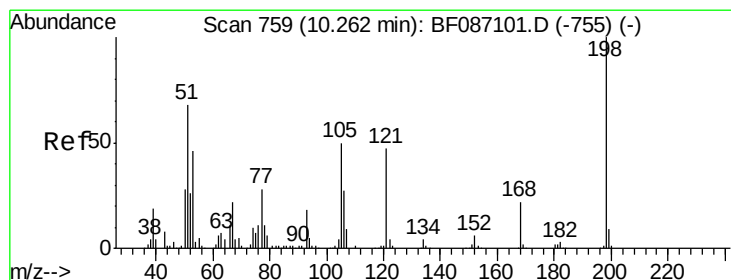
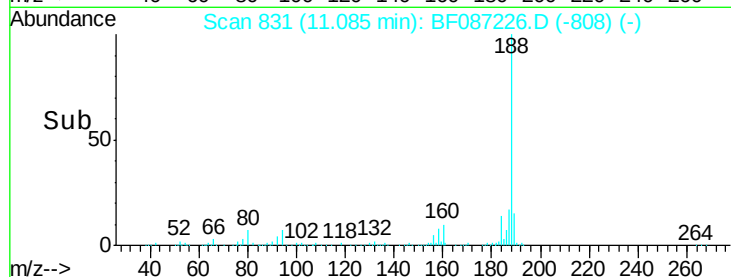
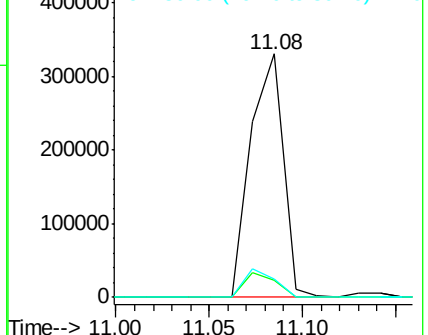
80 7.3 7.1 10.7



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: 25.82 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

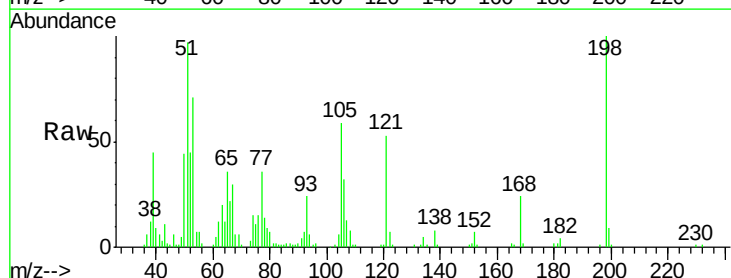
Tgt Ion:198 Resp: 68036

Ion Ratio Lower Upper

198 100

51 97.5 20.5 60.5#

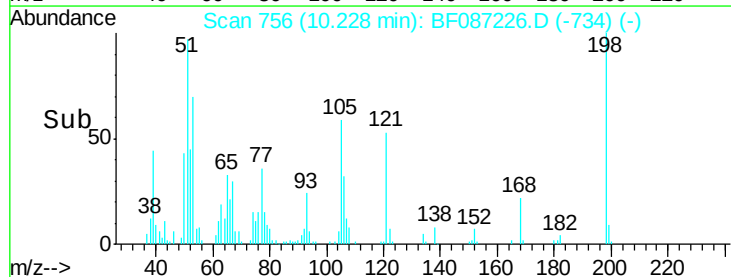
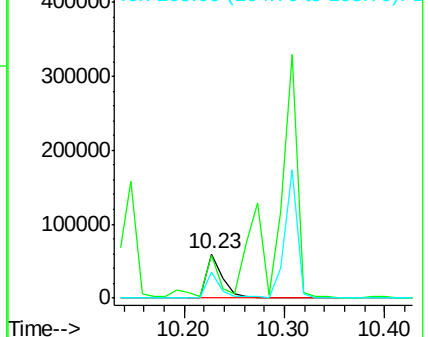
105 59.4 24.5 64.5

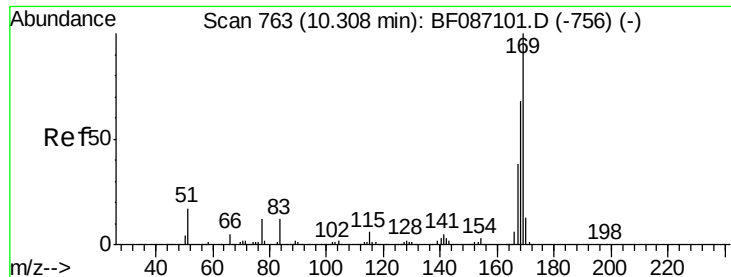


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.66 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Instrument :

BNA_F

ClientSampleId :

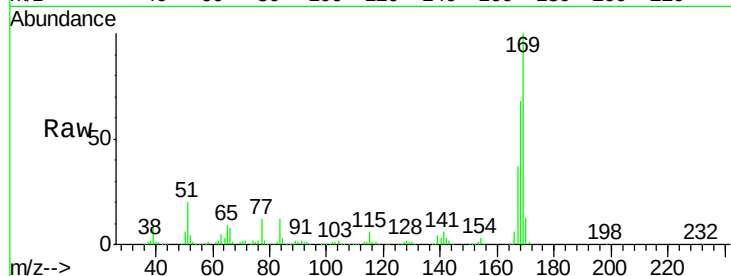
Tot Ion:169 Resp: 574847

Ion Ratio Lower Upper

169 100

168 67.9 53.8 80.6

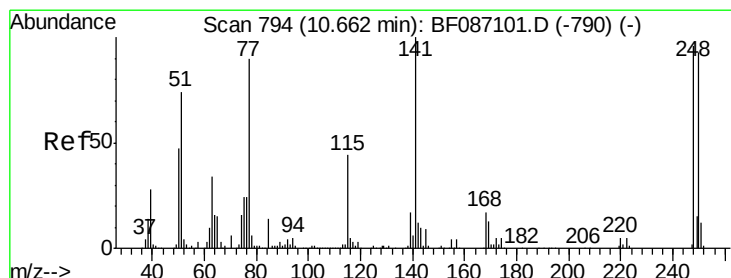
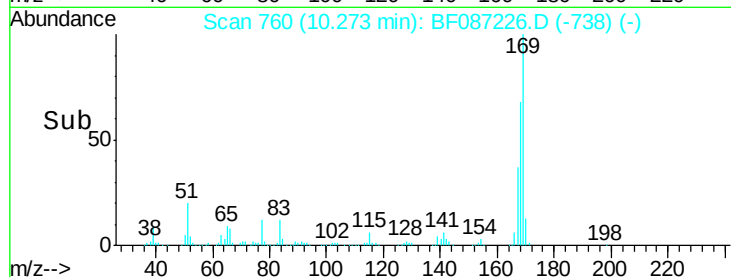
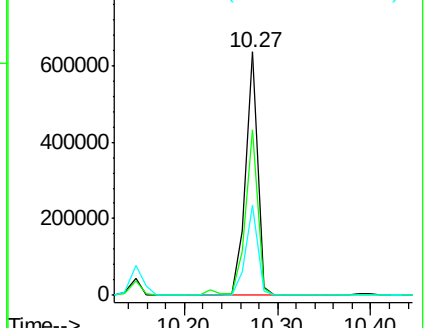
167 37.2 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.86 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

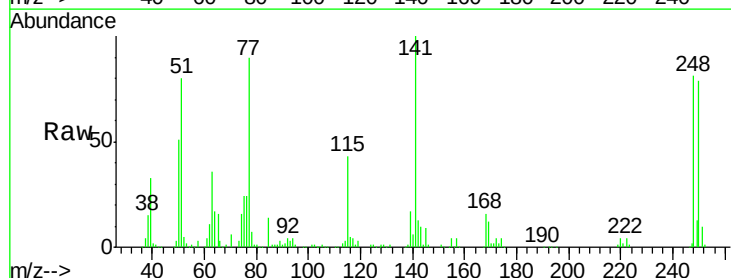
Tgt Ion:248 Resp: 172192

Ion Ratio Lower Upper

248 100

250 96.9 78.6 117.8

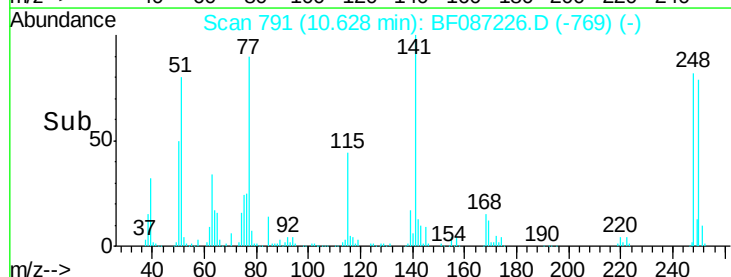
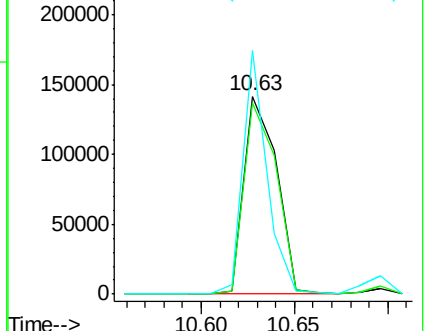
141 123.2 76.0 114.0#

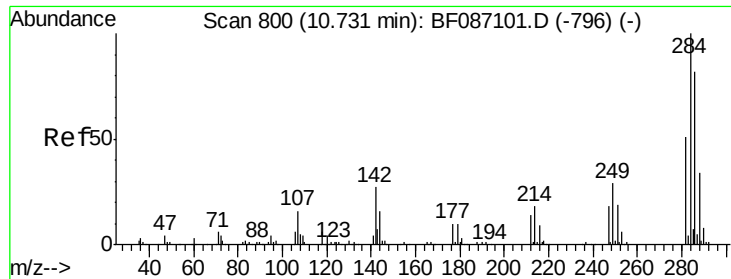


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

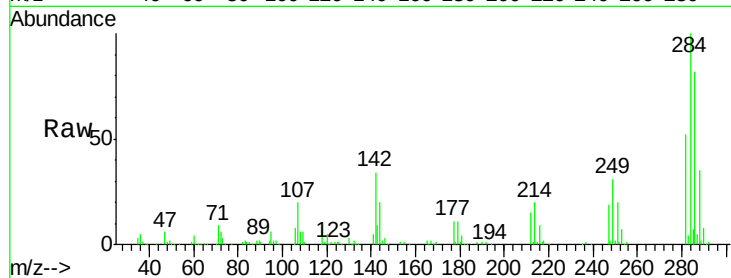




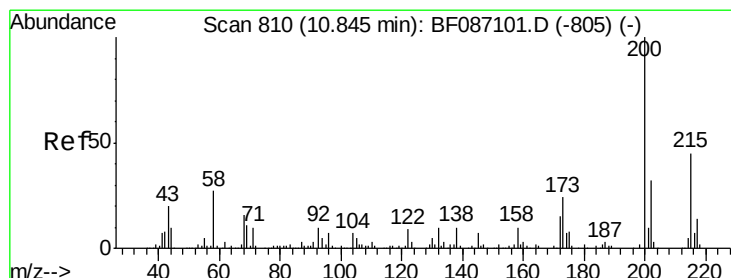
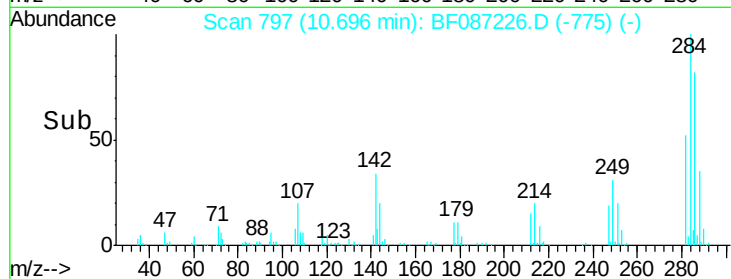
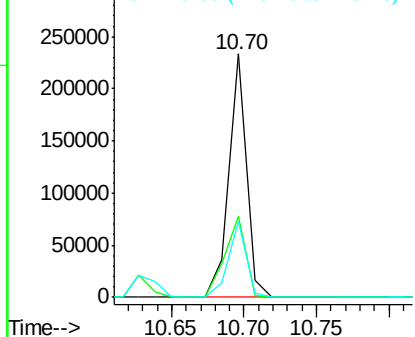
#67
Hexachlorobenzene
Concen: 41.38 ng
RT: 10.70 min Scan# 797
Delta R.T. -0.05 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 197337
Ion Ratio Lower Upper
284 100
142 33.5 16.7 25.1#
249 31.2 21.3 31.9

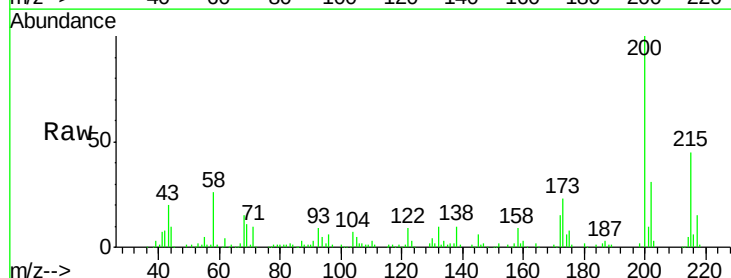


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

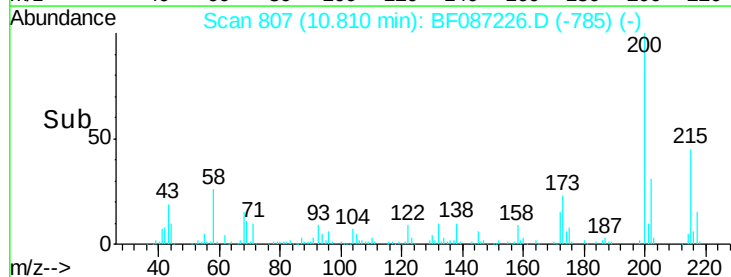
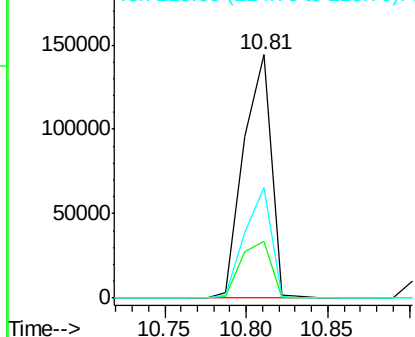


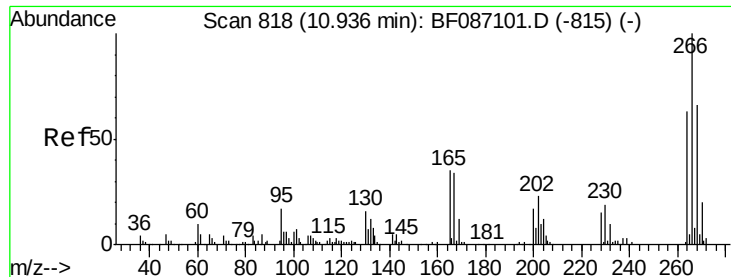
#68
Atrazine
Concen: 41.04 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

Tgt Ion:200 Resp: 168541
Ion Ratio Lower Upper
200 100
173 23.2 8.5 48.5
215 45.4 27.2 67.2



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

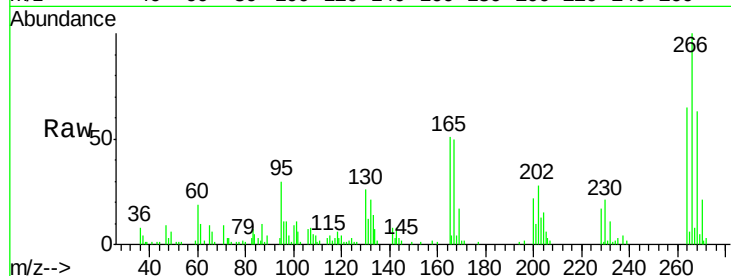




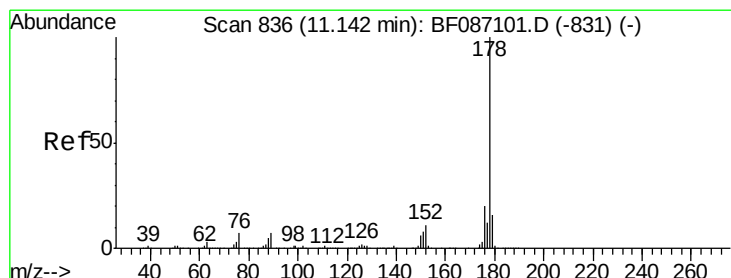
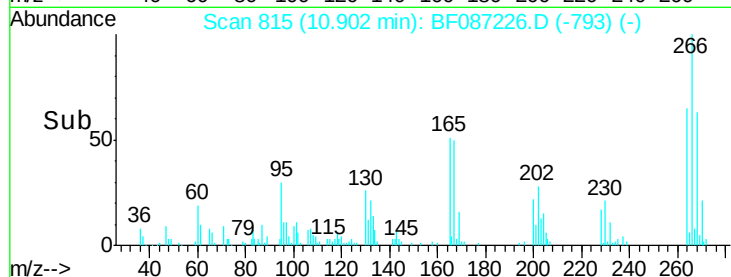
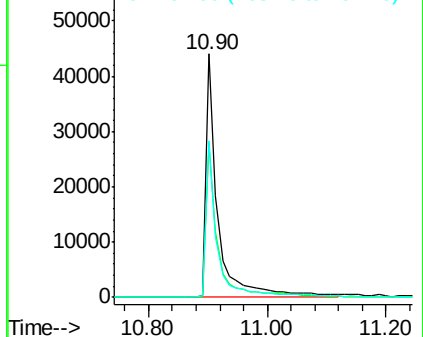
#69
 Pentachlorophenol
 Concen: 34.94 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.05 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 62594
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.5 77.3
 264 64.5 52.9 79.3

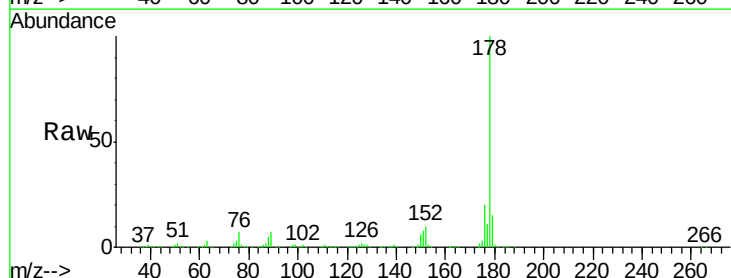


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

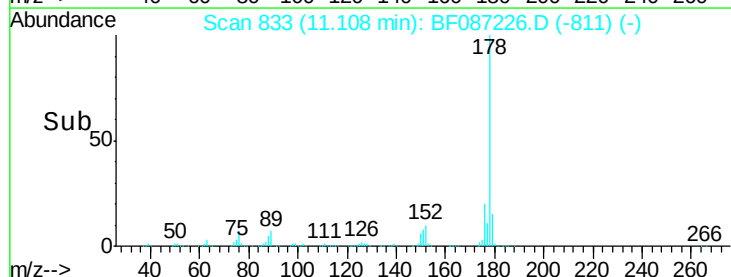
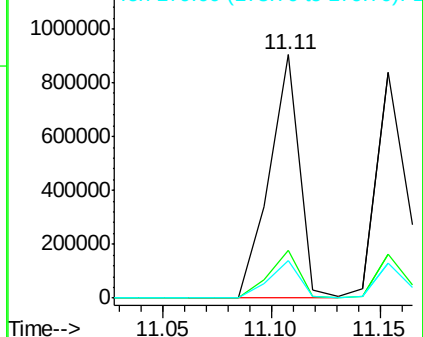


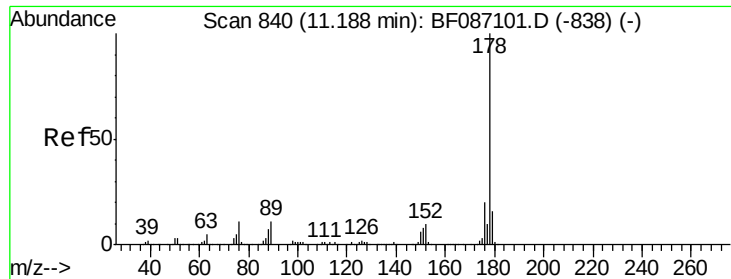
#70
 Phenanthrene
 Concen: 40.46 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.05 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Tgt Ion:178 Resp: 877844
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 15.5 12.6 18.8



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

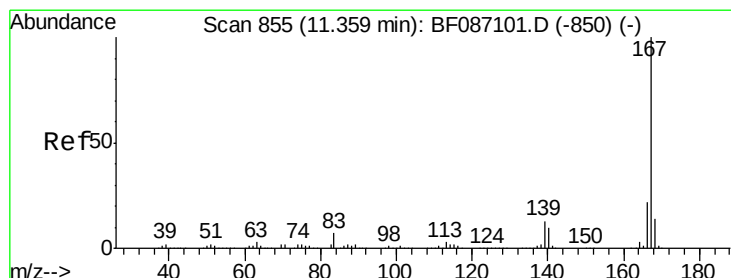
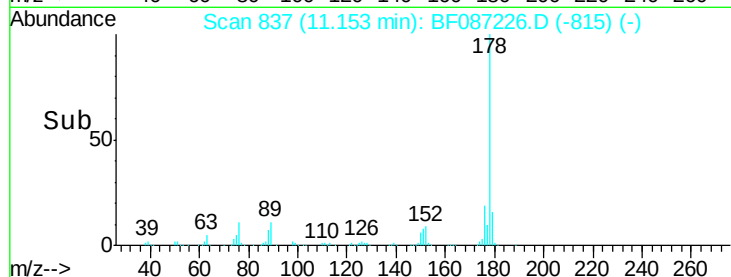
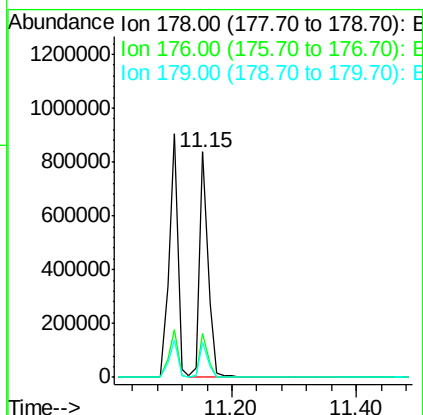
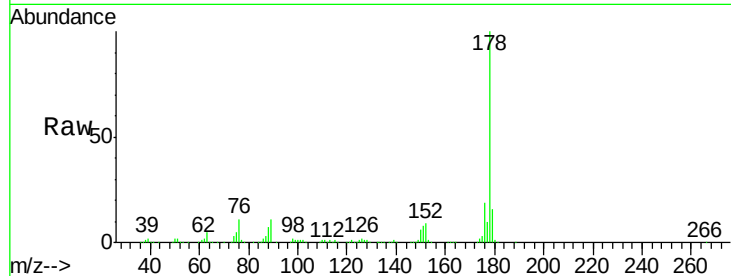




#71
 Anthracene
 Concen: 36.95 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.05 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

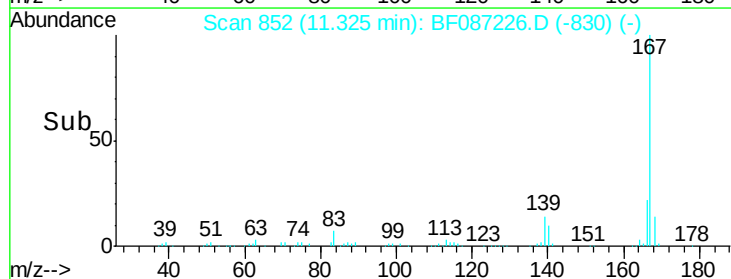
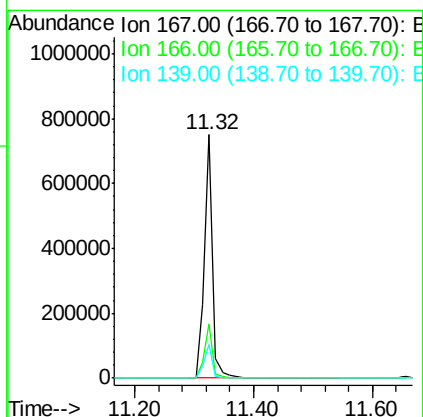
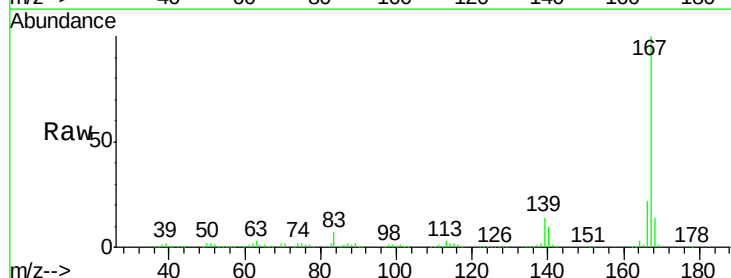
Instrument :
 BNA_F
 ClientSampleId :

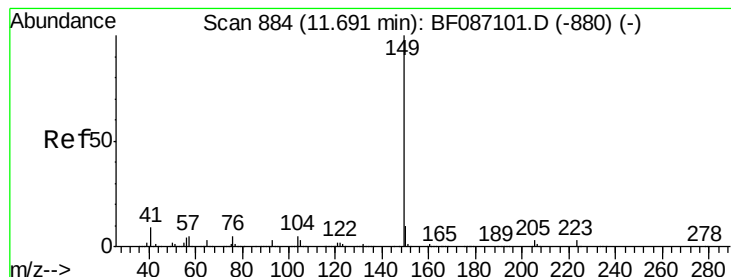
Tot Ion:178 Resp: 810814
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 37.11 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.05 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Tgt Ion:167 Resp: 743899
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.6 10.8 16.2





#73

Di-n-butylphthalate

Concen: 45.45 ng

RT: 11.66 min Scan# 881

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Instrument :

BNA_F

ClientSampleId :

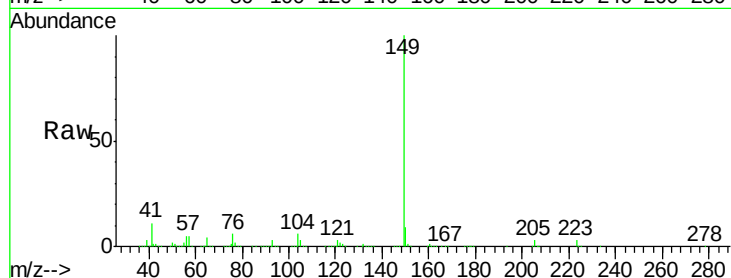
Tot Ion:149 Resp: 1046517

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

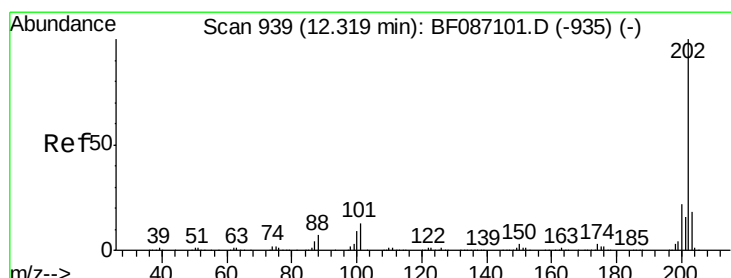
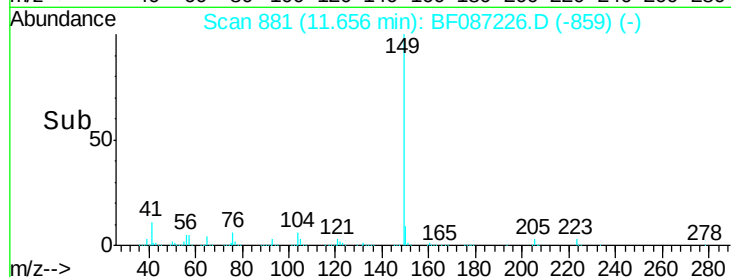
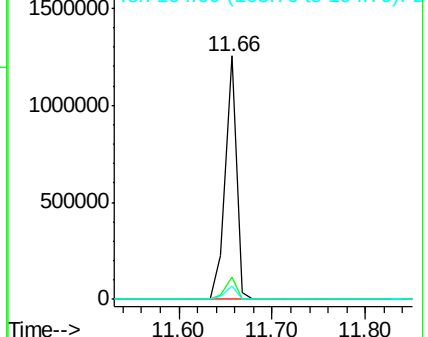
104 5.6 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.17 ng

RT: 12.28 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

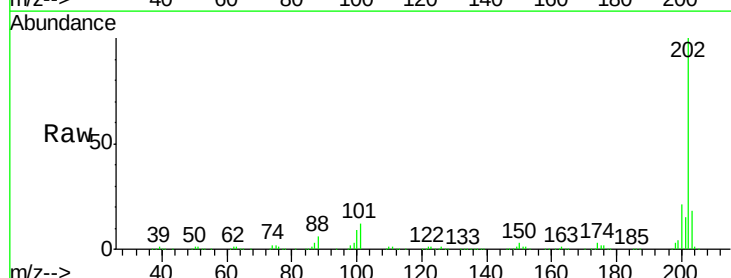
Tgt Ion:202 Resp: 742782

Ion Ratio Lower Upper

202 100

101 11.7 0.0 35.4

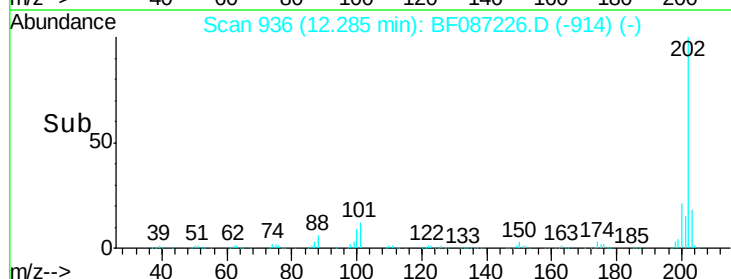
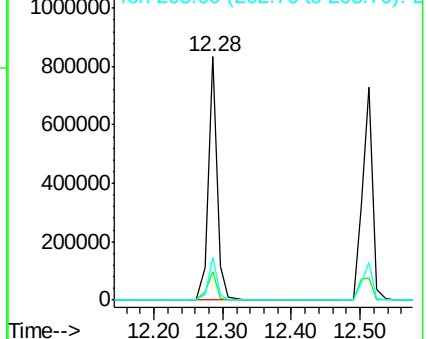
203 17.6 0.0 38.1

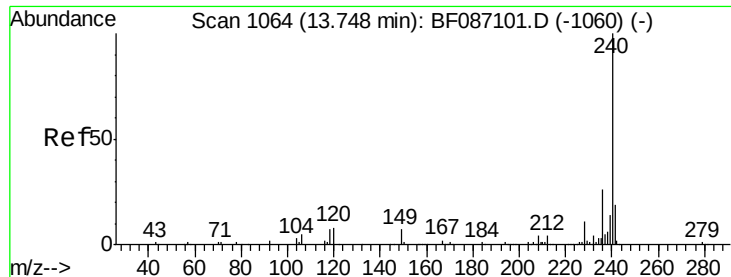


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Instrument :

BNA_F

ClientSampled :

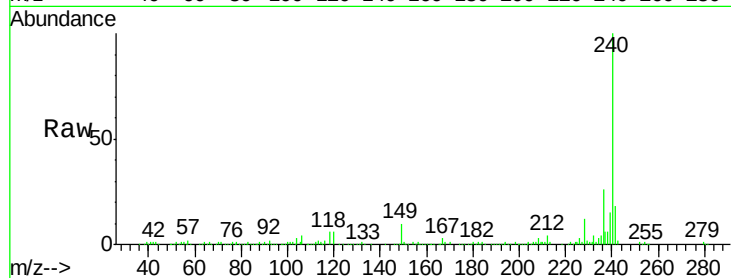
Tot Ion:240 Resp: 257377

Ion Ratio Lower Upper

240 100

120 6.3 11.2 16.8#

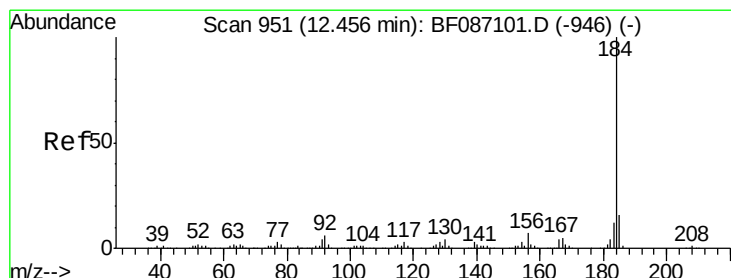
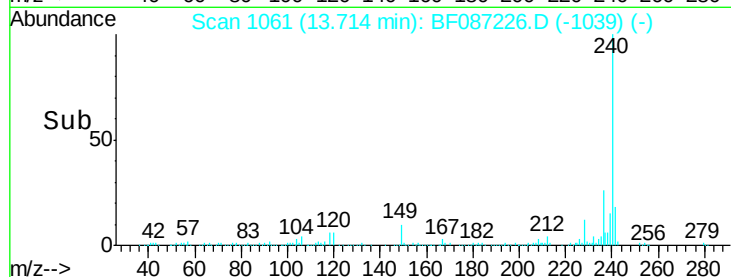
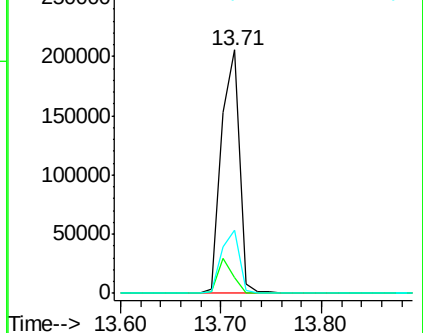
236 26.1 21.2 31.8



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: 23.52 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

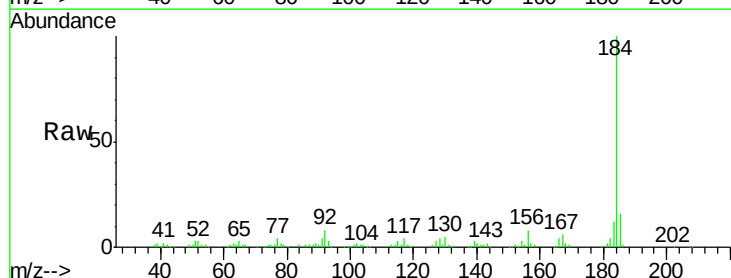
Tgt Ion:184 Resp: 192876

Ion Ratio Lower Upper

184 100

185 15.5 13.6 20.4

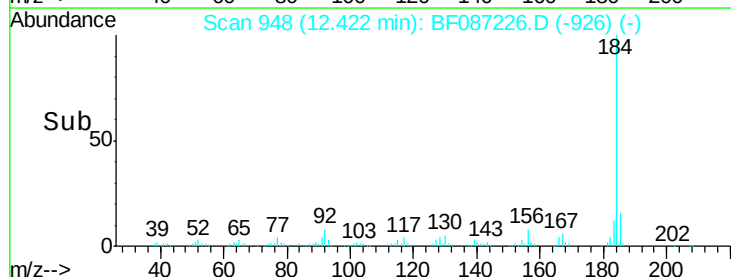
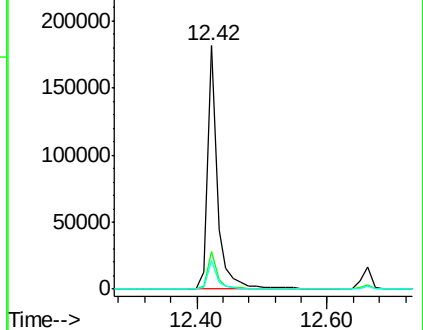
183 11.6 9.8 14.6

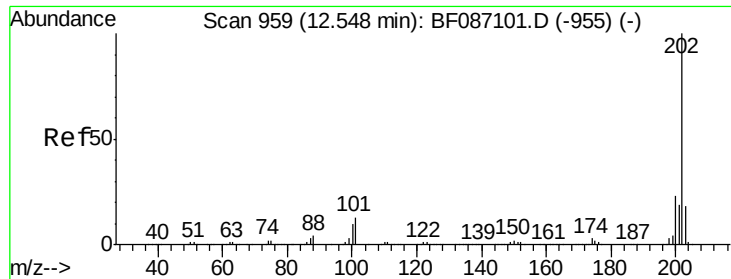


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

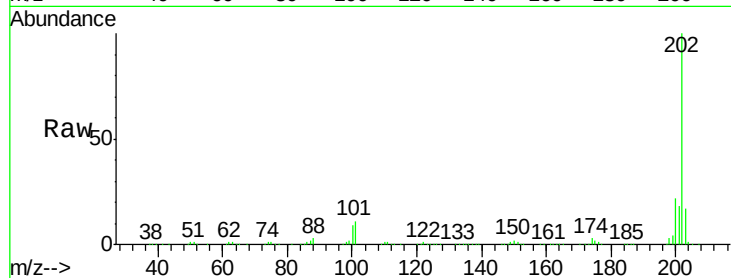




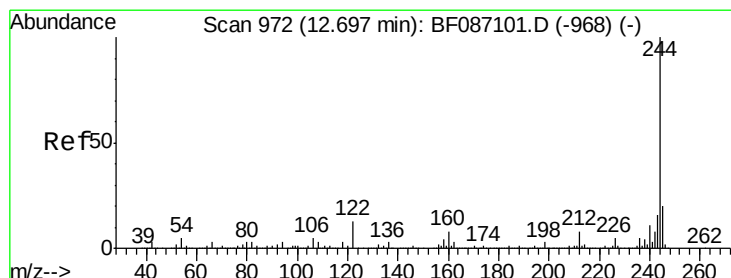
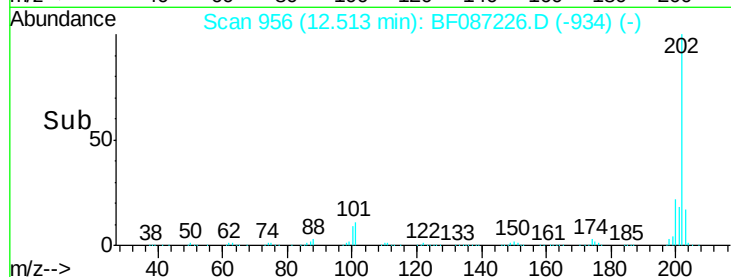
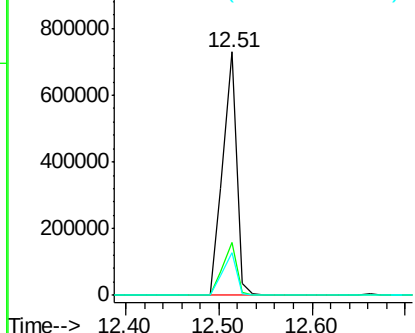
#77
 Pvrene
 Concen: 40.74 ng
 RT: 12.51 min Scan# 956
 Delta R.T. -0.05 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	17.4	14.2	21.4

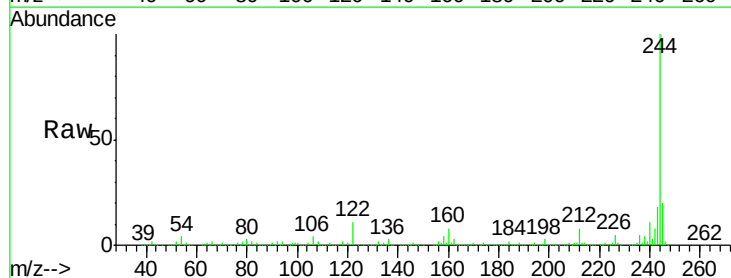


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

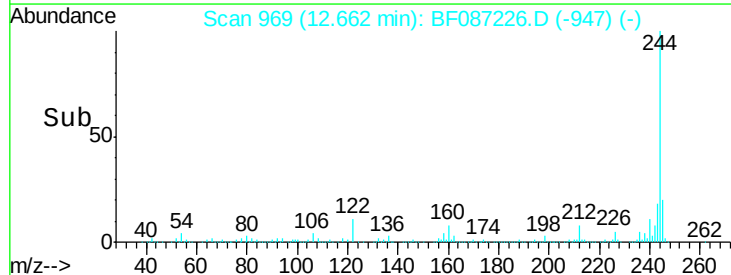
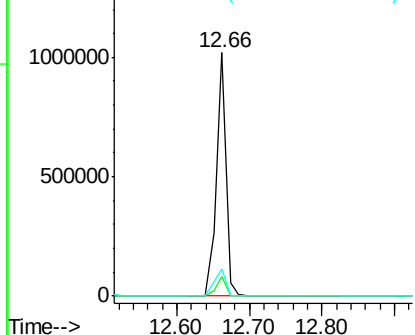


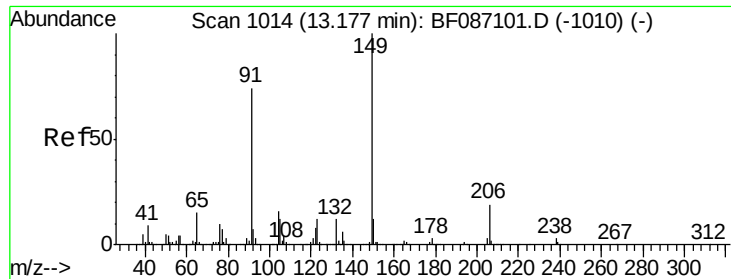
#78
 Terphenyl-d14
 Concen: 81.93 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.05 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	11.2	12.0	18.0#



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

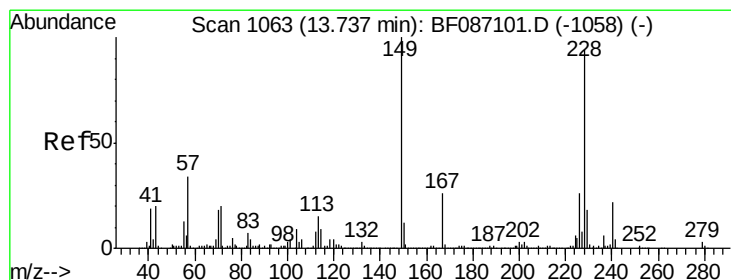
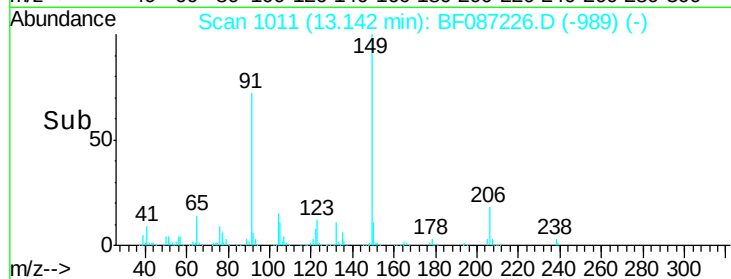
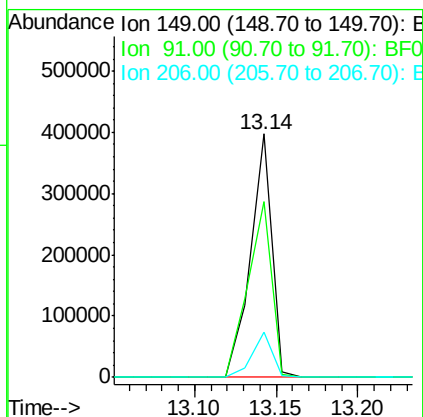
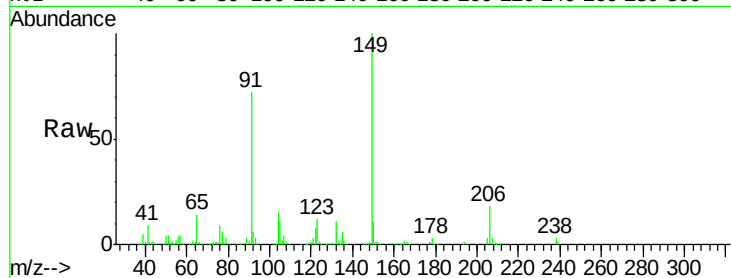




#79
Butylbenzylphthalate
Concen: 46.11 ng
RT: 13.14 min Scan# 1011
Delta R.T. -0.05 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

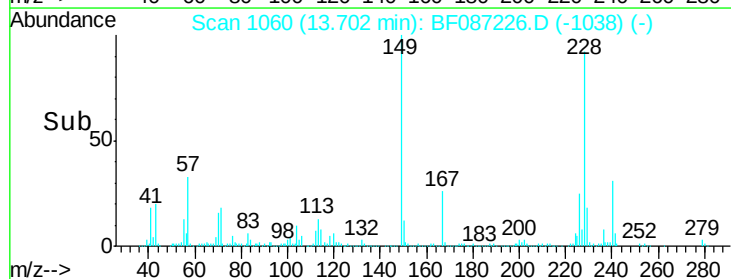
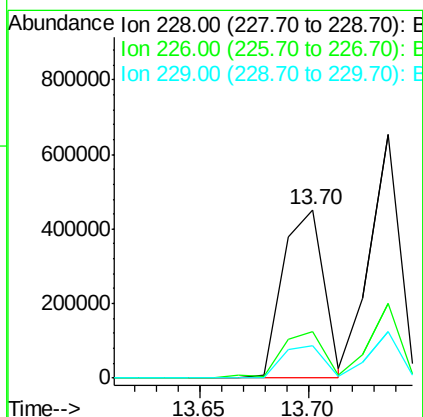
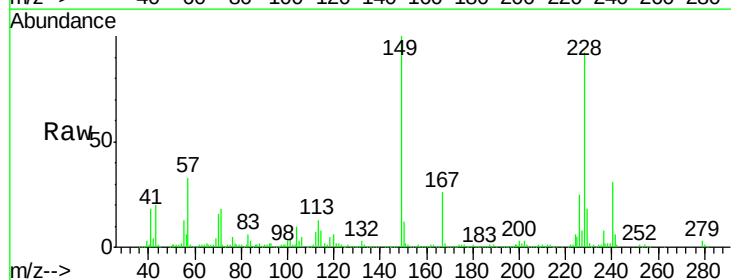
Instrument :
BNA_F
ClientSampled :

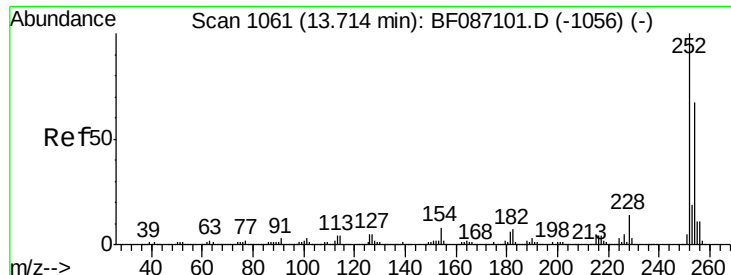
Tot Ion:149 Resp: 361963
Ion Ratio Lower Upper
149 100
91 72.1 48.0 72.0#
206 18.5 15.8 23.6



#80
Benzo(a)anthracene
Concen: 39.85 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.05 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

Tgt Ion:228 Resp: 592971
Ion Ratio Lower Upper
228 100
226 27.7 22.5 33.7
229 19.3 16.6 25.0

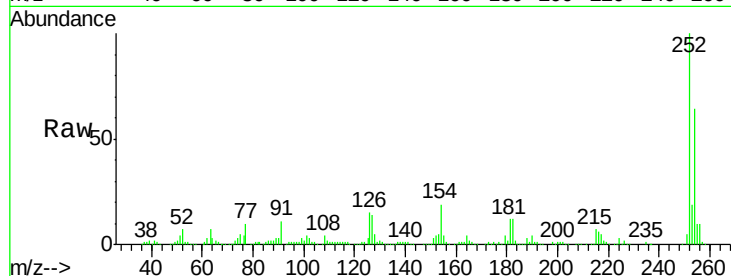




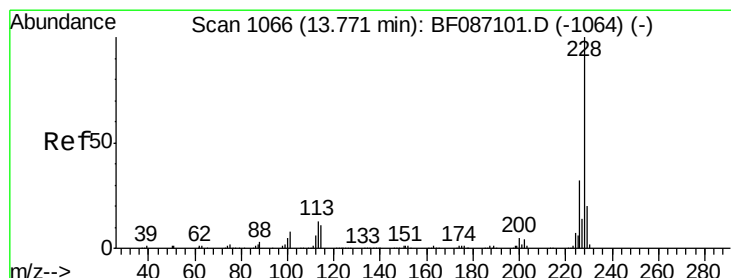
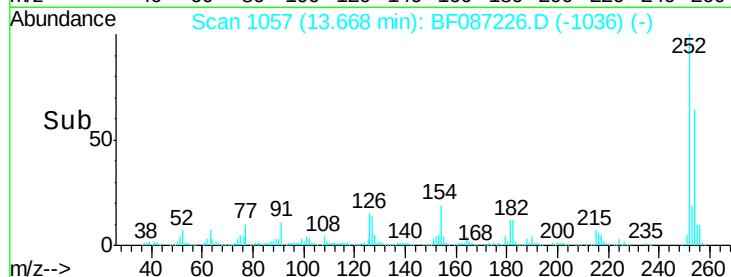
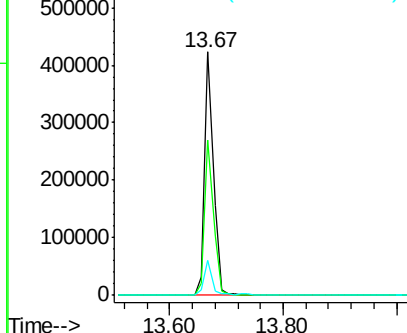
#81
 3,3'-Dichlorobenzidine
 Concen: 46.25 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.06 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 437994
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.7 76.1
 126 14.6 12.7 19.1

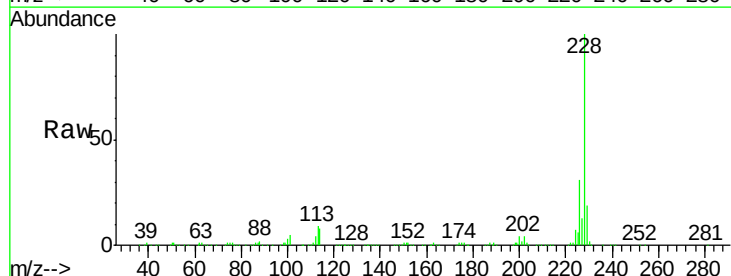


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

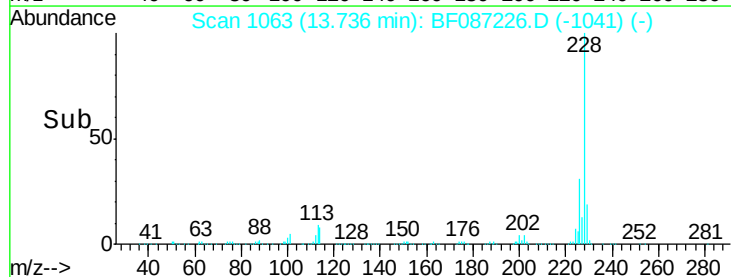
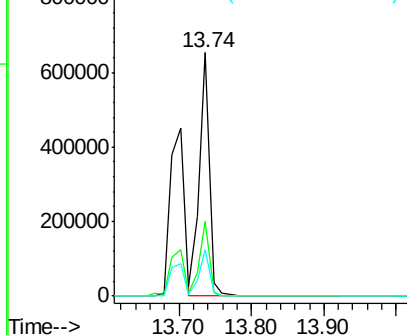


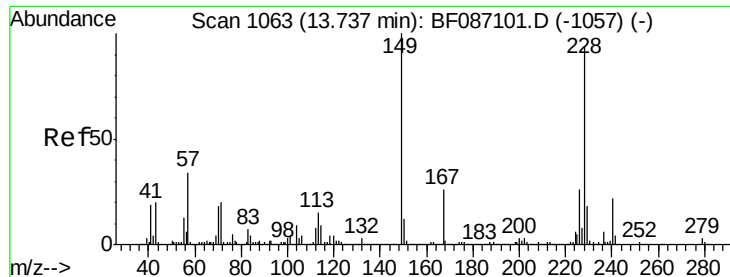
#82
 Chrysene
 Concen: 43.96 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.05 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Tgt Ion:228 Resp: 633017
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.4 36.6
 229 19.4 15.8 23.8



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.13 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Instrument :

BNA_F

ClientSampleId :

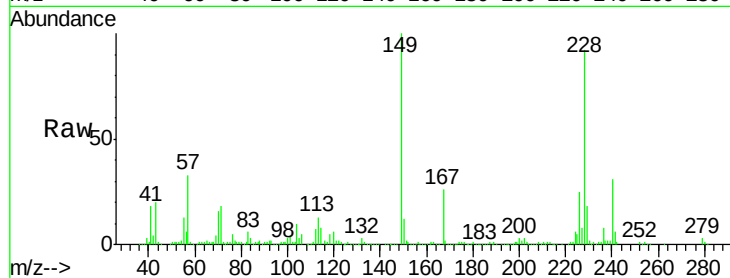
Tot Ion:149 Resp: 450186

Ion Ratio Lower Upper

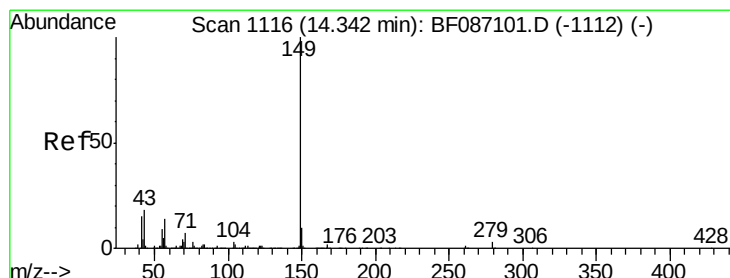
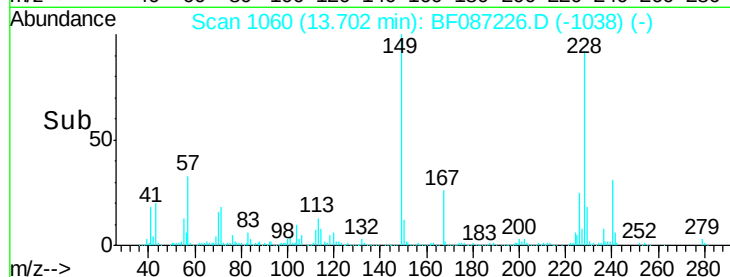
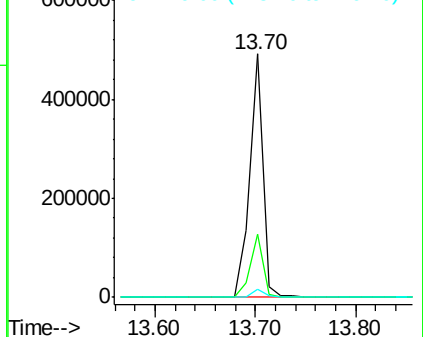
149 100

167 25.8 21.8 32.6

279 3.2 2.6 4.0



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: 44.50 ng

RT: 14.31 min Scan# 1113

Delta R.T. -0.05 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

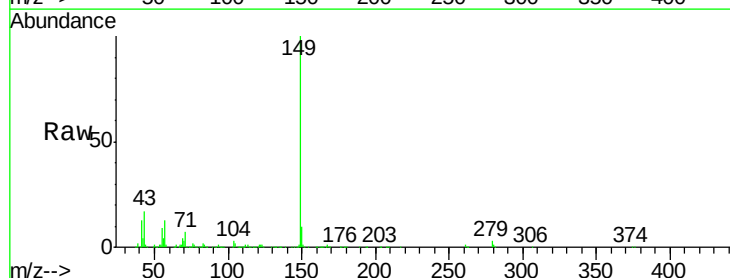
Tgt Ion:149 Resp: 732349

Ion Ratio Lower Upper

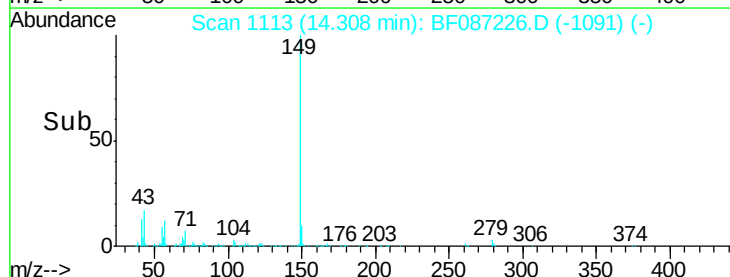
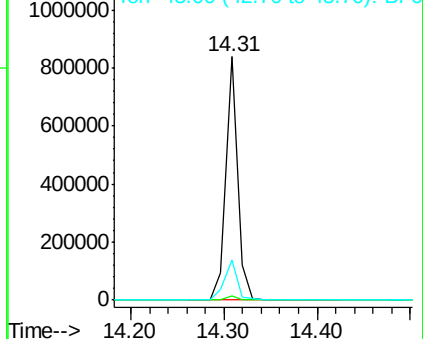
149 100

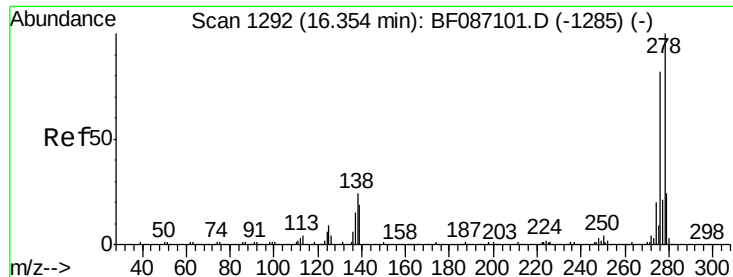
167 1.5 1.2 1.8

43 17.6 8.2 12.4#



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

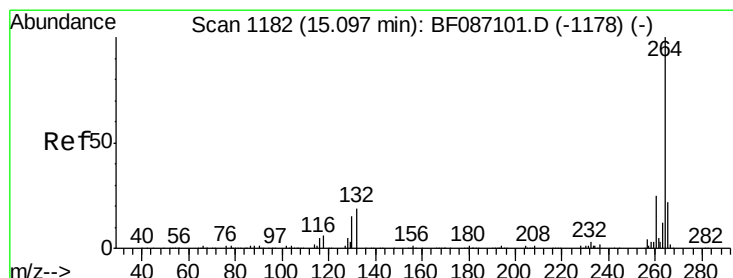
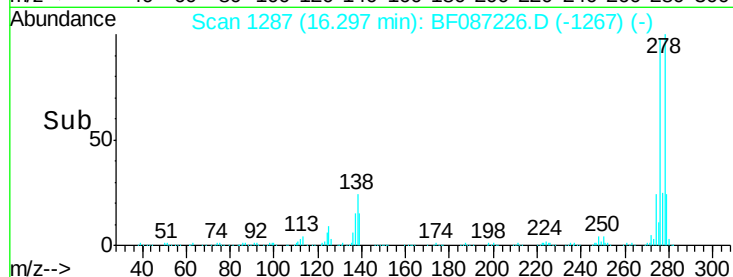
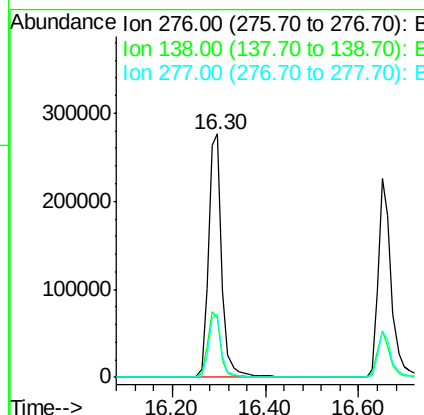
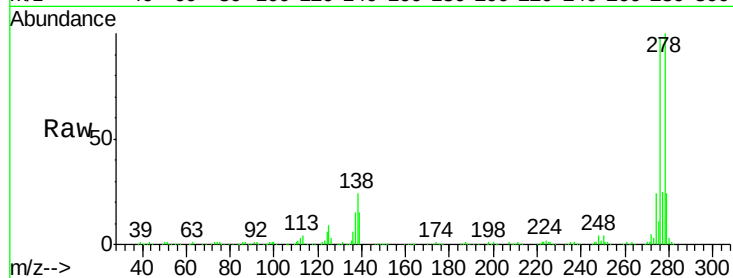




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.25 ng
 RT: 16.30 min Scan# 1287
 Delta R.T. -0.07 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

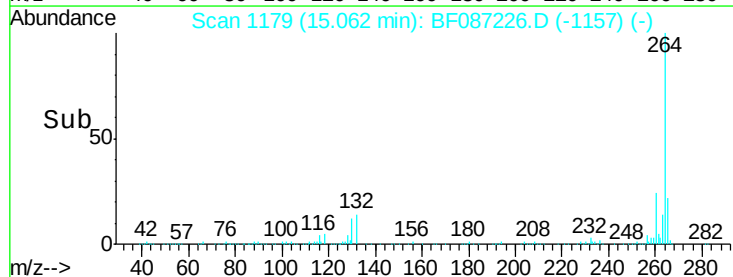
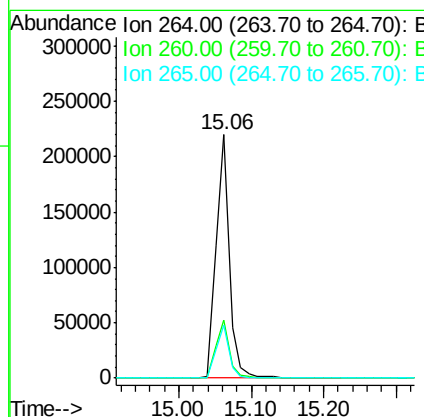
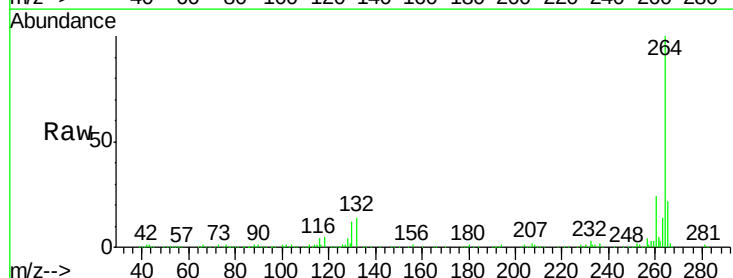
Instrument :
 BNA_F
 ClientSampleId :

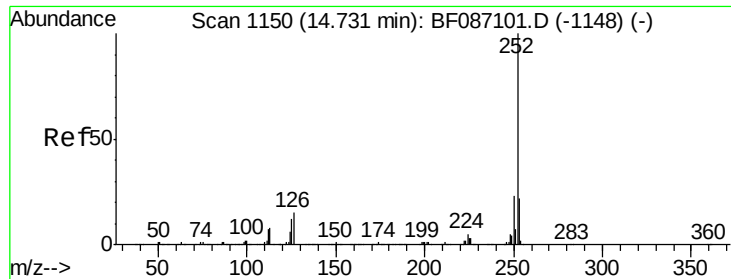
Tot Ion:276 Resp: 559304
 Ion Ratio Lower Upper
 276 100
 138 26.4 25.6 38.4
 277 25.1 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF087226.D
 Acq: 20 May 2016 11:54

Tgt Ion:264 Resp: 279273
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.7 17.3 25.9

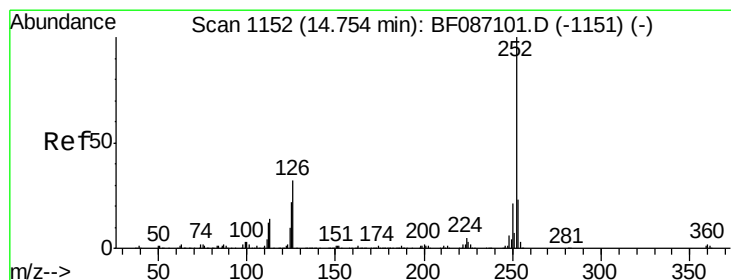
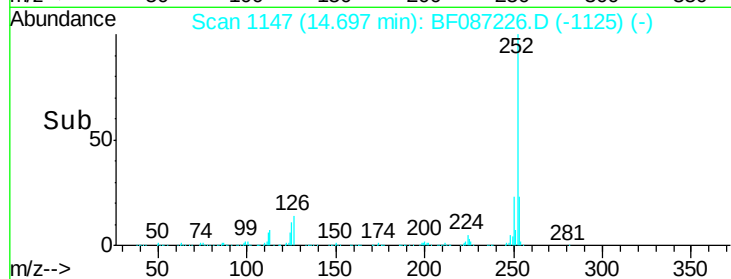
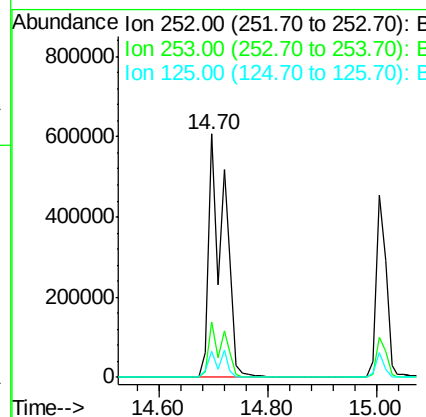
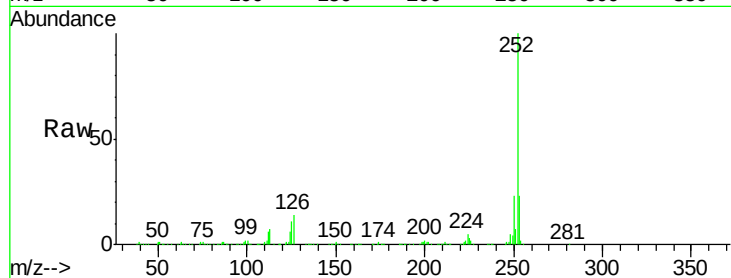




#87
Benzo(b)fluoranthene
Concen: 66.62 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

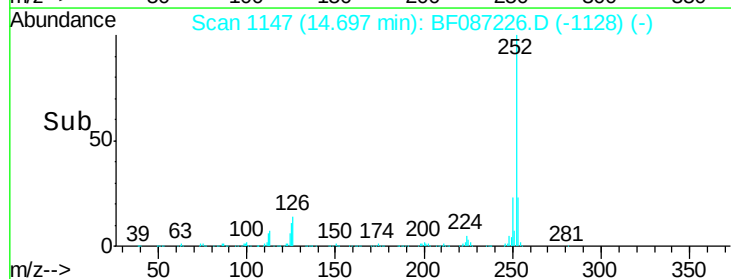
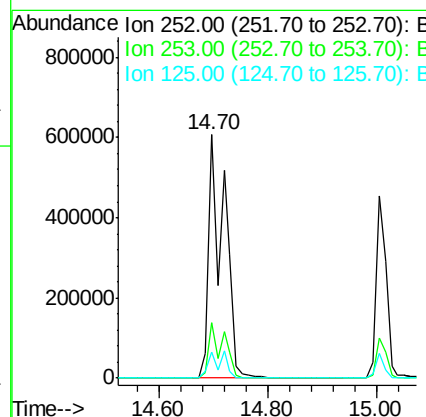
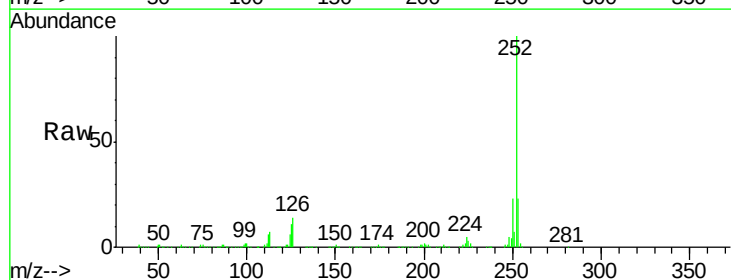
Instrument :
BNA_F
ClientSampleId :

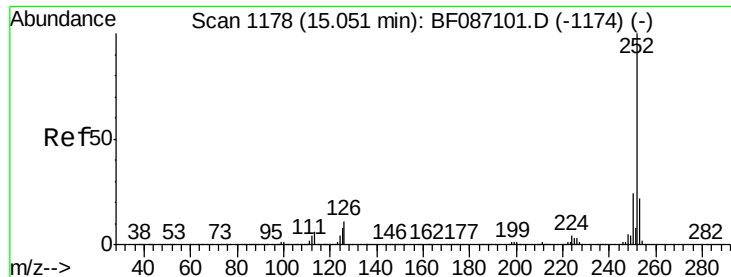
Tot Ion:252 Resp: 1234286
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.7 11.4 17.0#



#88
Benzo(k)fluoranthene
Concen: 89.49 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.08 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

Tgt Ion:252 Resp: 1234286
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.7 9.1 13.7

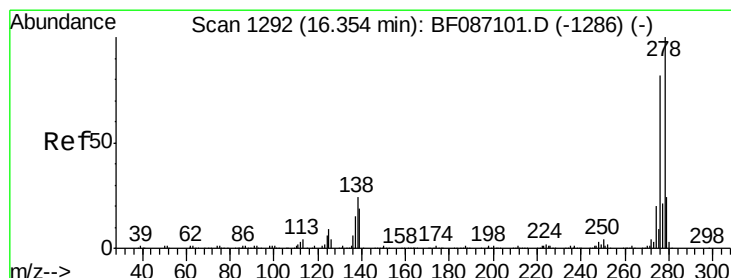
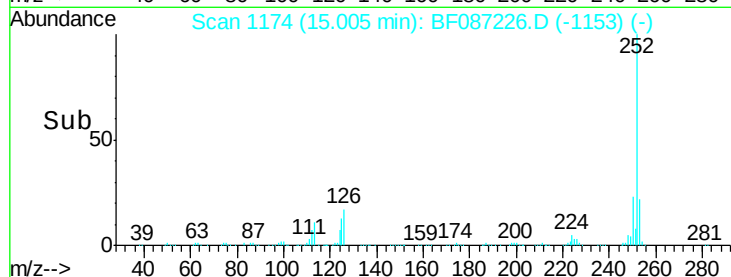
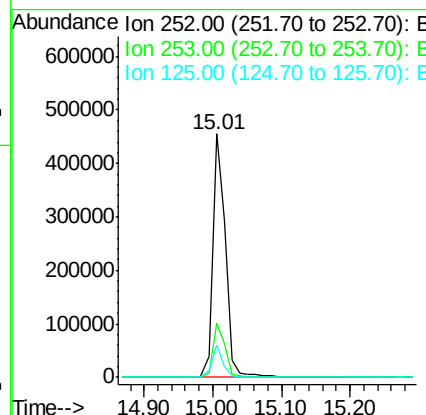
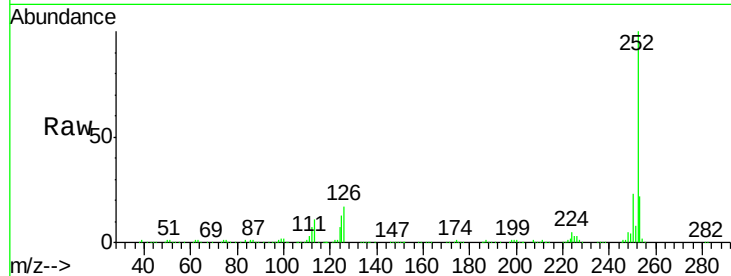




#89
Benzo(a)pyrene
Concen: 37.29 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.06 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

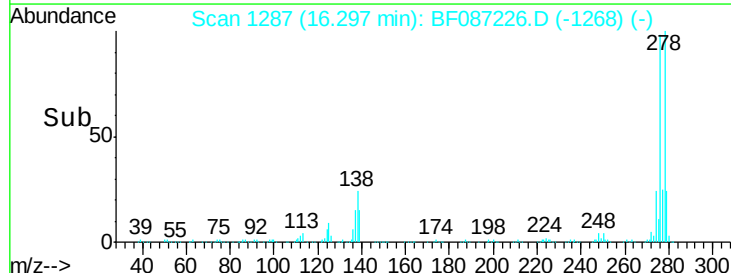
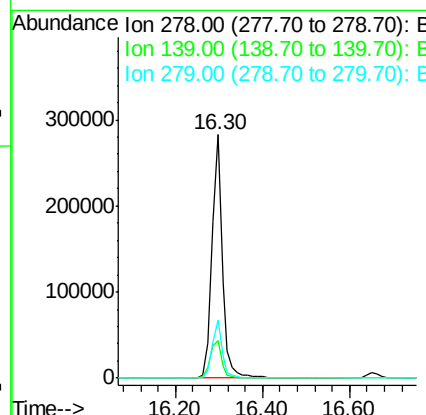
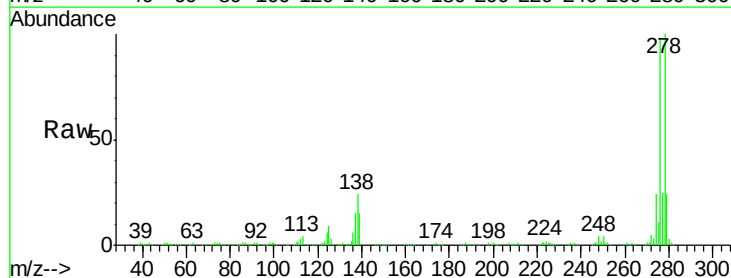
Instrument :
BNA_F
ClientSampleId :

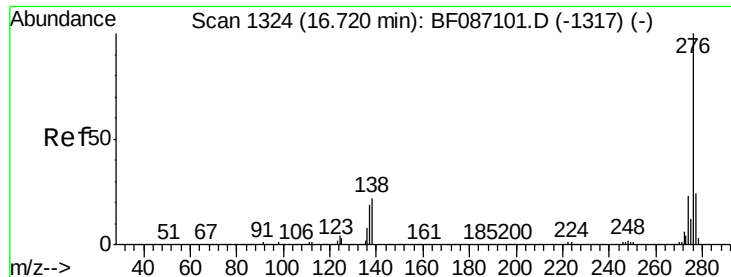
Tot Ion:252 Resp: 577525
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 13.3 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 36.46 ng
RT: 16.30 min Scan# 1287
Delta R.T. -0.08 min
Lab File: BF087226.D
Acq: 20 May 2016 11:54

Tgt Ion:278 Resp: 475421
Ion Ratio Lower Upper
278 100
139 15.3 16.6 24.8#
279 23.6 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 34.29 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.09 min

Lab File: BF087226.D

Acq: 20 May 2016 11:54

Instrument :

BNA_F

ClientSampleId :

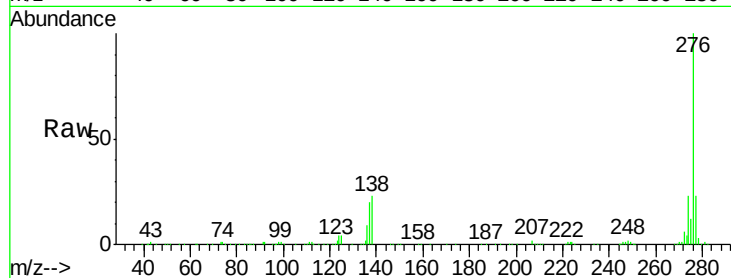
Tot Ion: 276 Resp: 451575

Ion Ratio Lower Upper

276 100

277 23.4 19.6 29.4

138 23.3 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

