

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
 Data File : BF087284.D
 Acq On : 22 May 2016 11:58
 Operator : UM/SJ
 Sample : PB90787BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90787BS

Quant Time: May 23 03:36:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 01:56:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	131477	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	569287	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	270064	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	487450	20.00	ng	0.00
75) Chrysene-d12	13.70	240	302407	20.00	ng	0.00
86) Perylene-d12	15.05	264	259913	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	952837	121.81	ng	0.02
7) Phenol-d6	6.24	99	1296229	123.56	ng	0.01
23) Nitrobenzene-d5	7.14	82	922332	80.75	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	316954	106.21	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1321097	81.02	ng	0.00
78) Terphenyl-d14	12.65	244	1233993	92.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	130500	32.43	ng	# 65
3) Pyridine	2.68	79	323381	33.22	ng	# 66
4) n-Nitrosodimethylamine	2.65	42	265120	38.44	ng	# 48
6) Aniline	6.23	93	248615	18.66	ng	# 75
8) 2-Chlorophenol	6.35	128	393150	41.31	ng	99
9) Benzaldehyde	6.11	77	92609	13.55	ng	97
10) Phenol	6.25	94	577561	43.79	ng	85
11) bis(2-Chloroethyl)ether	6.31	93	410643	41.47	ng	90
12) 1,3-Dichlorobenzene	6.73	146	349385	34.54	ng	97
13) 1,4-Dichlorobenzene	6.73	146	362972	35.07	ng	97
14) 1,2-Dichlorobenzene	6.73	146	365874	40.38	ng	98
15) Benzyl Alcohol	6.73	79	379660	48.61	ng	89
16) 2,2'-oxybis(1-Chloropropan	6.86	45	768419	37.75	ng	# 42
17) 2-Methylphenol	6.86	107	327937	41.96	ng	# 80
18) Hexachloroethane	7.06	117	163242	41.25	ng	93
19) n-Nitroso-di-n-propylamine	6.99	70	298757	37.46	ng	# 65
20) 3+4-Methylphenols	7.02	107	438609	42.54	ng	# 60
22) Acetophenone	6.98	105	576540	41.38	ng	# 95
24) Nitrobenzene	7.15	77	444014	35.60	ng	93
25) Isophorone	7.39	82	816518	39.05	ng	96
26) 2-Nitrophenol	7.47	139	208083	40.27	ng	# 68
27) 2,4-Dimethylphenol	7.53	122	343236	38.93	ng	# 86
28) bis(2-Chloroethoxy)methane	7.61	93	474993	41.38	ng	# 98
29) 2,4-Dichlorophenol	7.72	162	353543	45.50	ng	94
30) 1,2,4-Trichlorobenzene	7.79	180	356396	41.34	ng	98
31) Naphthalene	7.86	128	1106215	39.77	ng	99
32) Benzoic acid	7.71	122	162874	30.99	ng	# 81
33) 4-Chloroaniline	7.95	127	89947	7.78	ng	95
34) Hexachlorobutadiene	7.99	225	206486	42.20	ng	98
35) Caprolactam	8.33	113	60637	23.44	ng	# 77
36) 4-Chloro-3-methylphenol	8.44	107	358570	38.26	ng	# 85
37) 2-Methylnaphthalene	8.66	142	678966	38.16	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	333390	42.27	ng	99
40) Hexachlorocyclopentadiene	8.71	237	205058	68.57	ng	95

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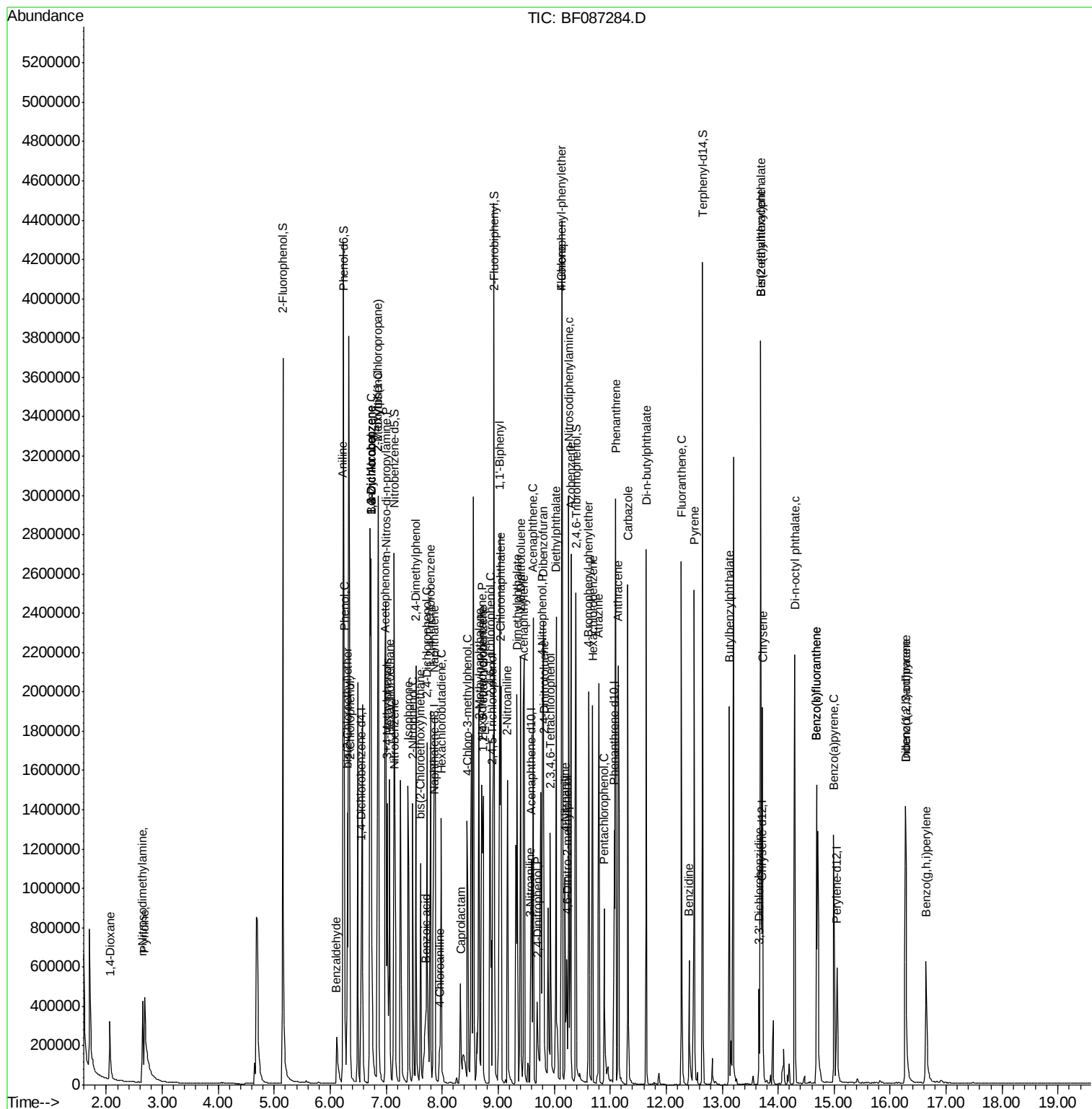
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	206991	40.46	ng	94
43) 2,4,5-Trichlorophenol	8.90	196	203865	38.36	ng #	81
45) 1,1'-Biphenyl	9.03	154	974905	43.54	ng	99
46) 2-Chloronaphthalene	9.05	162	721869	41.99	ng	99
47) 2-Nitroaniline	9.16	65	278493	42.27	ng	84
48) Acenaphthylene	9.45	152	1030165	39.24	ng	98
49) Dimethylphthalate	9.34	163	818772	39.74	ng	100
50) 2,6-Dinitrotoluene	9.40	165	170771	38.18	ng #	72
51) Acenaphthene	9.62	154	614473	37.47	ng	98
52) 3-Nitroaniline	9.58	138	86798	17.92	ng #	75
53) 2,4-Dinitrophenol	9.70	184	91900	38.47	ng	90
54) Dibenzofuran	9.80	168	942279	44.43	ng	100
55) 4-Nitrophenol	9.79	139	564765	118.08	ng #	30
56) 2,4-Dinitrotoluene	9.82	165	256220	44.72	ng #	81
57) Fluorene	10.14	166	674273	39.57	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	176626	42.68	ng	97
59) Diethylphthalate	10.03	149	784479	39.89	ng	99
60) 4-Chlorophenyl-phenylether	10.14	204	362320	44.86	ng	92
61) 4-Nitroaniline	10.19	138	149689	31.31	ng #	61
62) Azobenzene	10.30	77	1057287	46.65	ng	87
64) 4,6-Dinitro-2-methylphenol	10.23	198	95216	29.66	ng	85
65) n-Nitrosodiphenylamine	10.26	169	641983	41.85	ng	100
66) 4-Bromophenyl-phenylether	10.62	248	200187	39.94	ng #	85
67) Hexachlorobenzene	10.68	284	219215	37.72	ng #	73
68) Atrazine	10.80	200	226159	45.20	ng	93
69) Pentachlorophenol	10.89	266	133038	60.94	ng	96
70) Phenanthrene	11.10	178	1089923	41.23	ng	100
71) Anthracene	11.14	178	1065903	39.86	ng	100
72) Carbazole	11.31	167	938430	38.42	ng	98
73) Di-n-butylphthalate	11.64	149	1295839	46.19	ng #	99
74) Fluoranthene	12.27	202	1013877	38.28	ng	96
76) Benzidine	12.41	184	288146	31.61	ng	96
77) Pyrene	12.50	202	1050055	48.07	ng	100
79) Butylbenzylphthalate	13.13	149	481034	52.16	ng	89
80) Benzo(a)anthracene	13.69	228	700700	40.07	ng	99
81) 3,3'-Dichlorobenzidine	13.66	252	105538	9.49	ng #	97
82) Chrysene	13.73	228	747371	44.18	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	627836	55.94	ng #	99
84) Di-n-octyl phthalate	14.30	149	961981	49.75	ng #	85
85) Indeno(1,2,3-cd)pyrene	16.27	276	619233	41.70	ng	95
87) Benzo(b)fluoranthene	14.69	252	1243173	72.10	ng	98
88) Benzo(k)fluoranthene	14.69	252	1243173	96.84	ng	99
89) Benzo(a)pyrene	14.99	252	602117	41.78	ng #	96
90) Dibenzo(a,h)anthracene	16.27	278	520254	42.87	ng	99
91) Benzo(g,h,i)perylene	16.64	276	515137	42.03	ng #	93

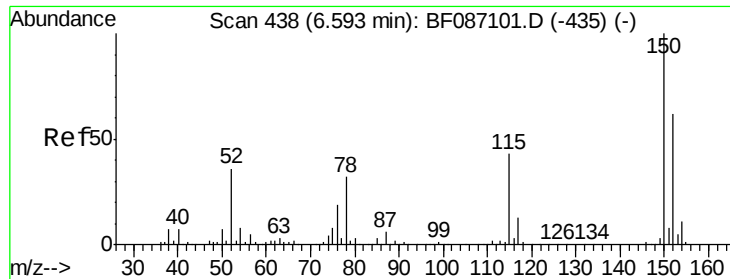
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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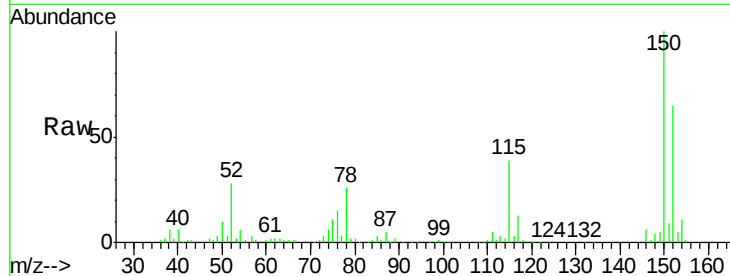


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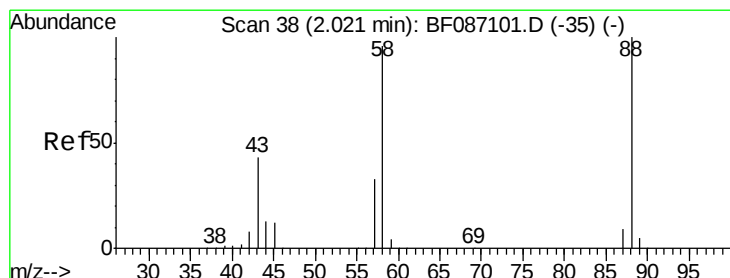
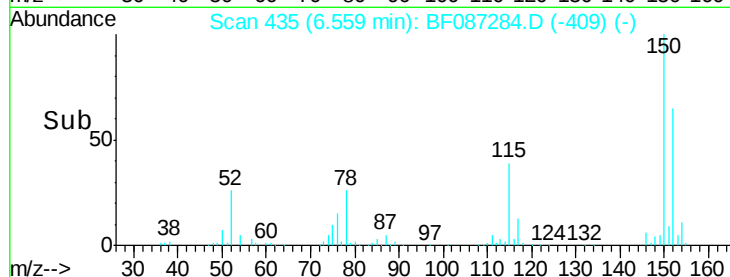
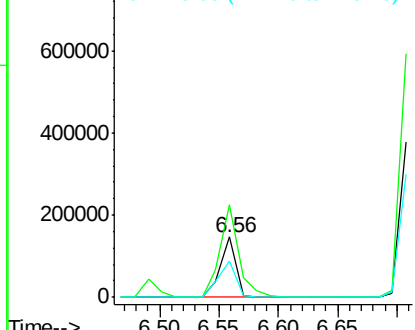
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Instrument :
BNA_F
ClientSampleId :
PB90787BS

Tgt Ion:152 Resp: 131477
Ion Ratio Lower Upper
152 100
150 154.6 125.8 188.6
115 61.0 51.5 77.3



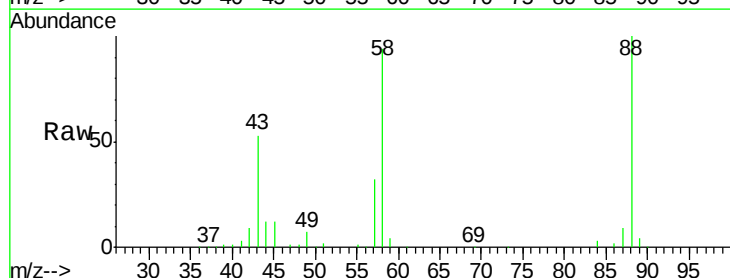
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



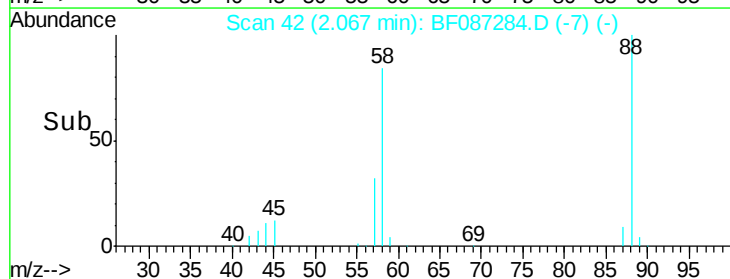
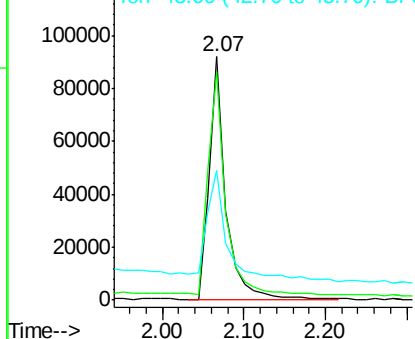
#2

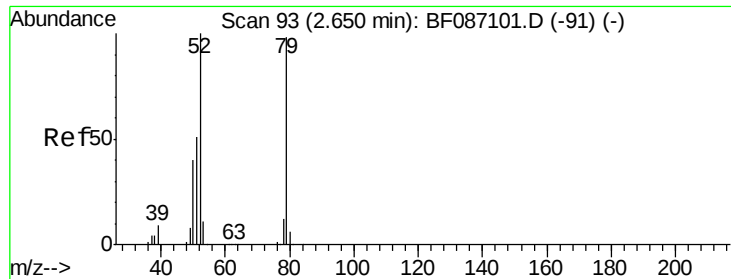
1,4-Dioxane
Concen: 32.43 ng
RT: 2.07 min Scan# 42
Delta R.T. 0.10 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Tgt Ion: 88 Resp: 130500
Ion Ratio Lower Upper
88 100
58 97.4 59.6 89.4#
43 57.6 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

Pyridine

Concen: 33.22 ng

RT: 2.68 min Scan# 96

Delta R.T. 0.10 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

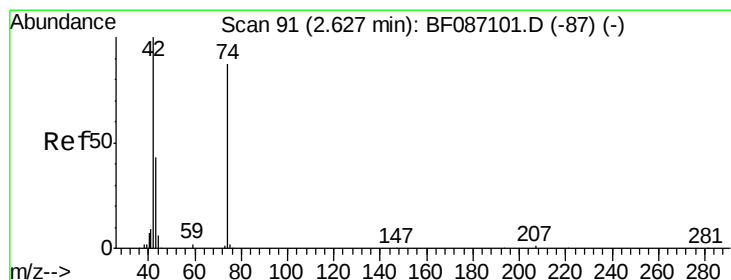
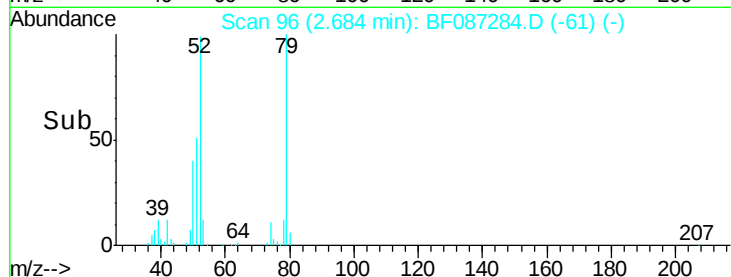
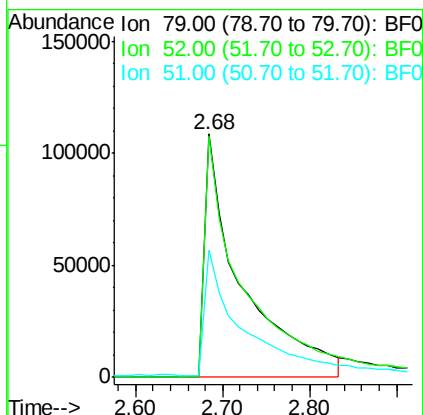
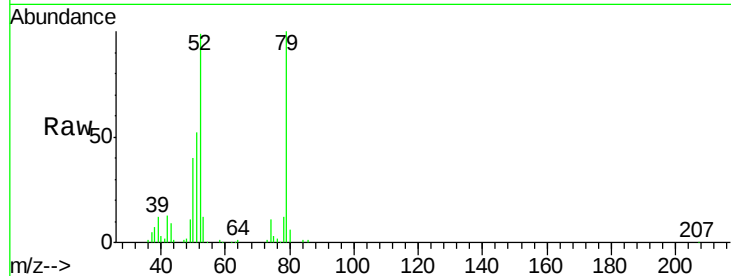
Tgt Ion: 79 Resp: 323381

Ion Ratio Lower Upper

79 100

52 99.0 55.9 83.9#

51 52.4 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 38.44 ng

RT: 2.65 min Scan# 93

Delta R.T. 0.09 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

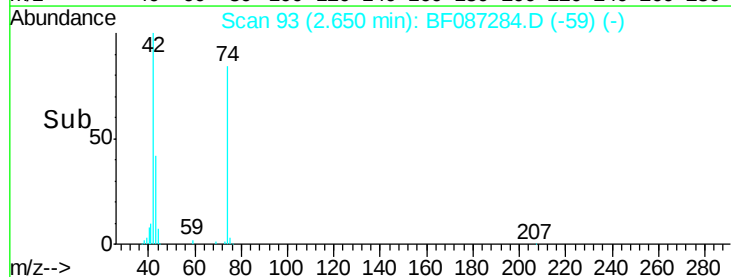
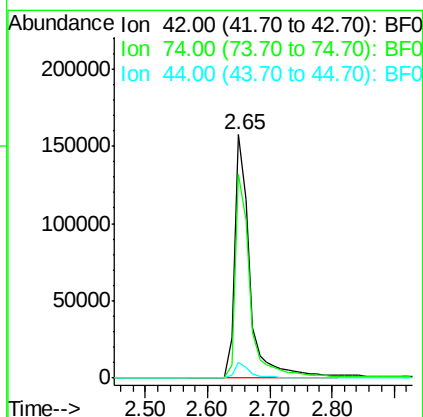
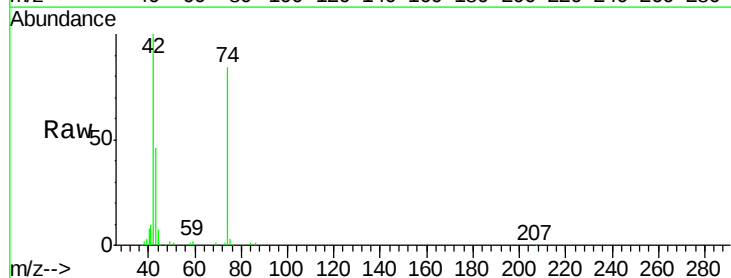
Tgt Ion: 42 Resp: 265120

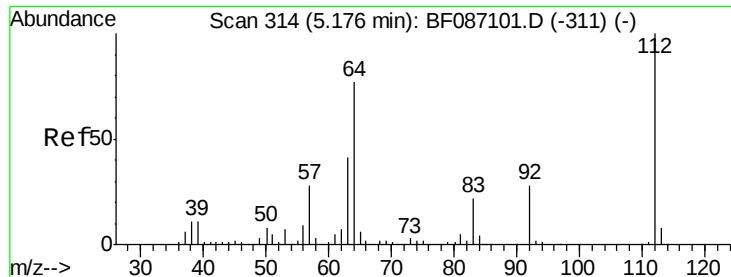
Ion Ratio Lower Upper

42 100

74 84.0 123.4 185.0#

44 6.7 5.8 8.6





#5

2-Fluorophenol

Concen: 121.81 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.02 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampled :

PB90787BS

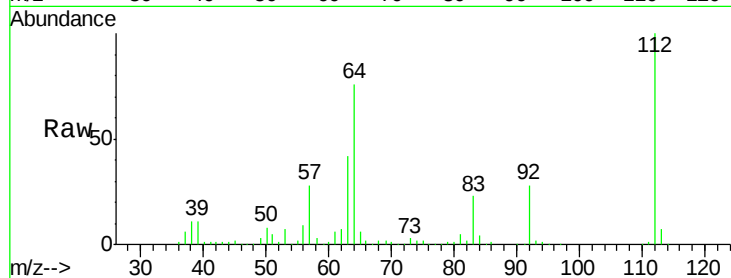
Tgt Ion: 112 Resp: 952837

Ion Ratio Lower Upper

112 100

64 76.1 52.1 78.1

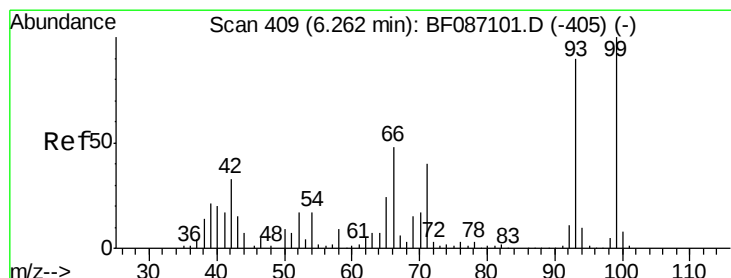
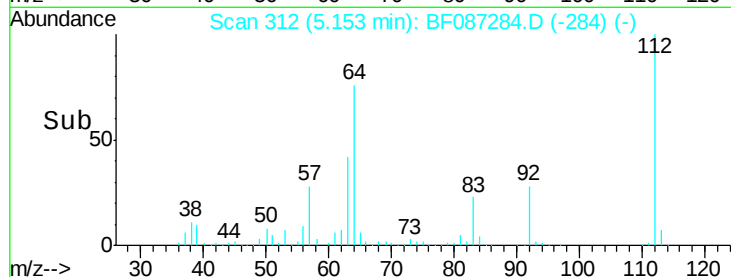
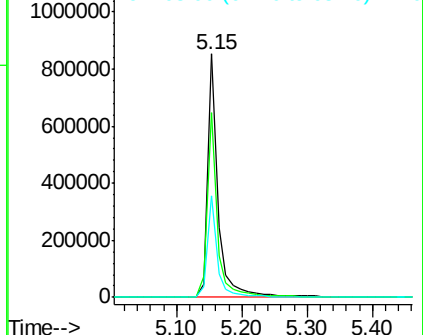
63 41.7 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.66 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

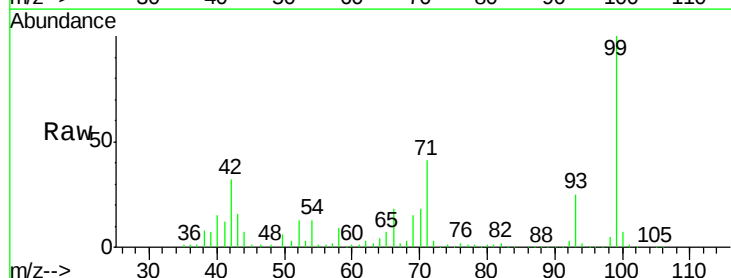
Tgt Ion: 93 Resp: 248615

Ion Ratio Lower Upper

93 100

66 72.7 39.0 58.6#

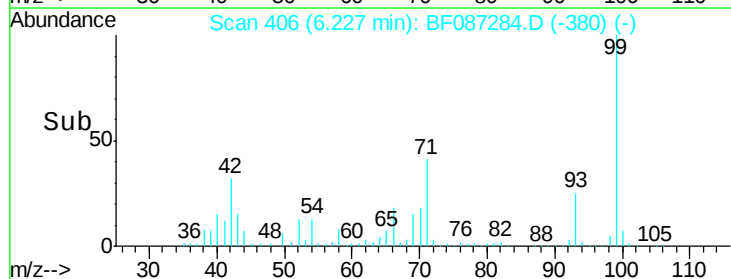
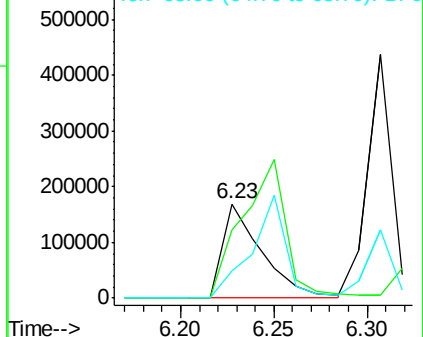
65 29.3 20.6 31.0

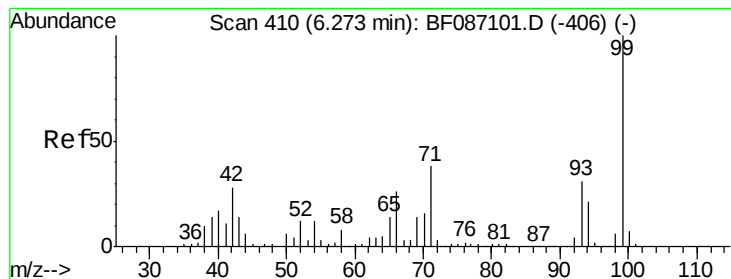


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.56 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.01 min

Lab File: BF087284.D

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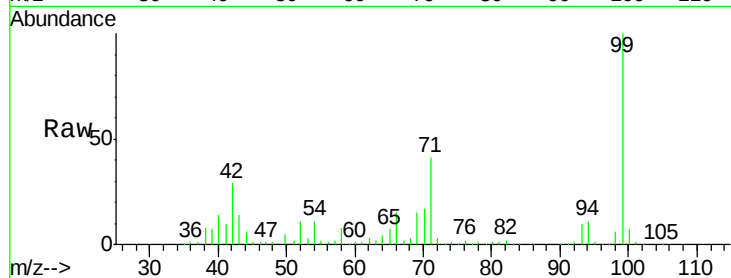
Tgt Ion: 99 Resp: 1296229

Ion Ratio Lower Upper

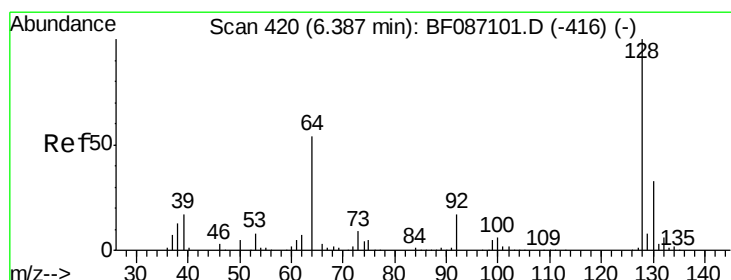
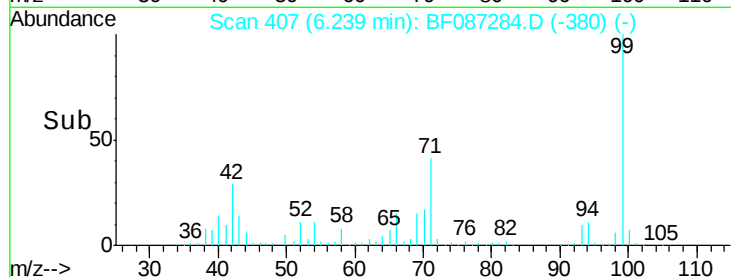
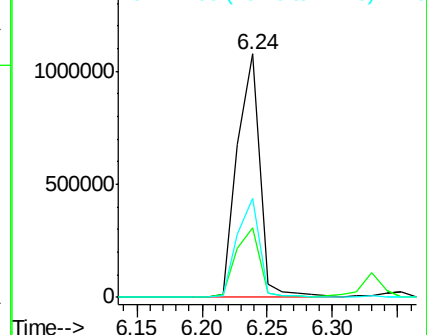
99 100

42 28.7 13.6 20.4#

71 40.6 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: 41.31 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

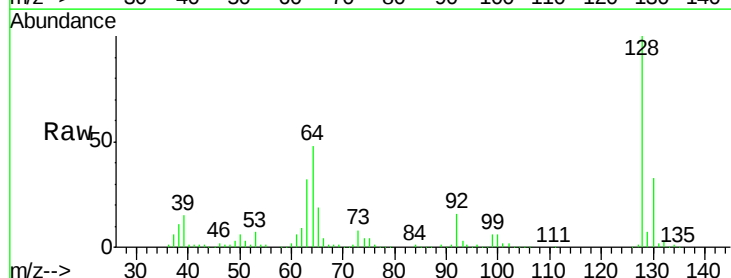
Tgt Ion: 128 Resp: 393150

Ion Ratio Lower Upper

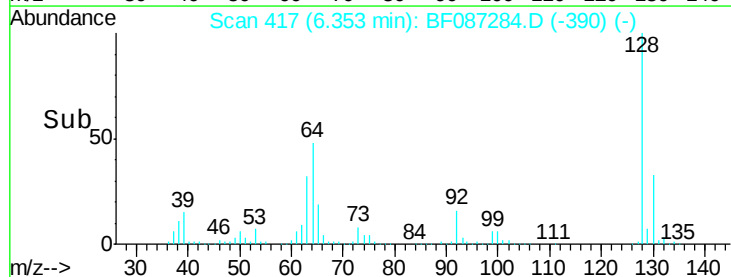
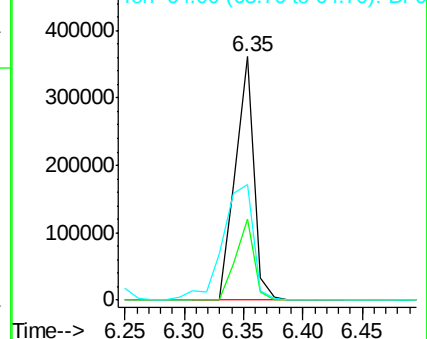
128 100

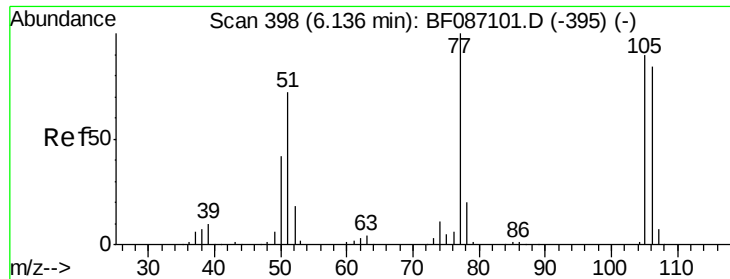
130 33.3 12.5 52.5

64 47.7 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: 13.55 ng

RT: 6.11 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

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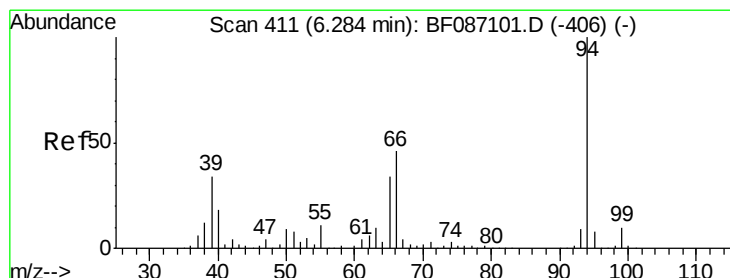
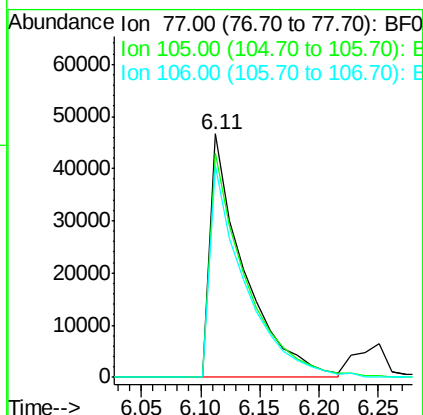
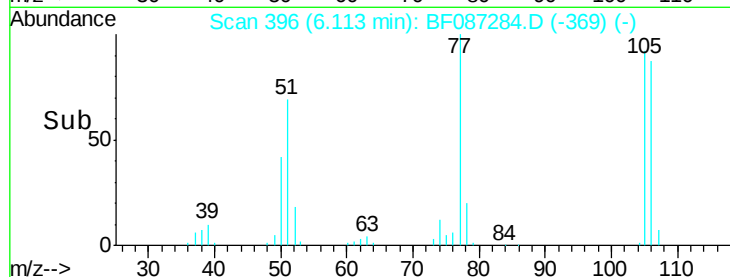
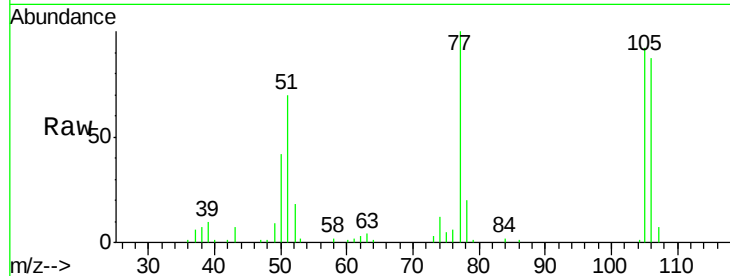
Tgt Ion: 77 Resp: 92609

Ion Ratio Lower Upper

77 100

105 92.0 72.7 112.7

106 86.7 70.8 110.8



#10

Phenol

Concen: 43.79 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.01 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

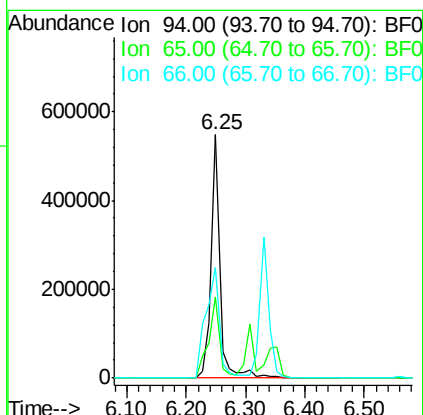
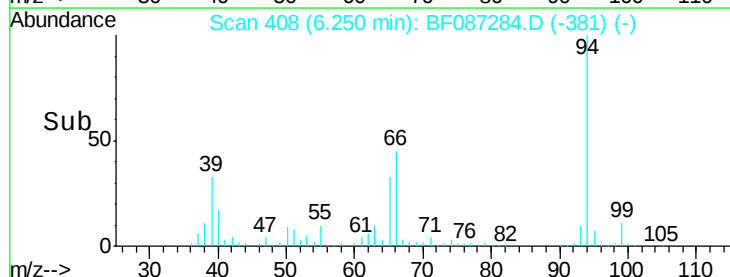
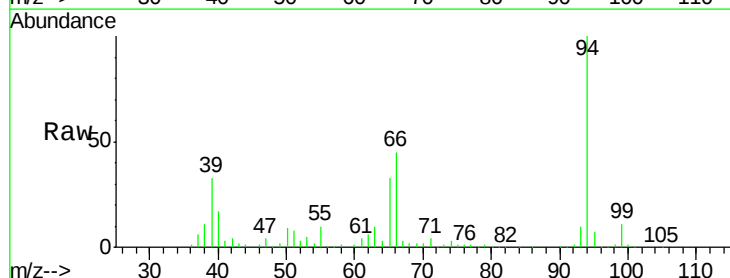
Tgt Ion: 94 Resp: 577561

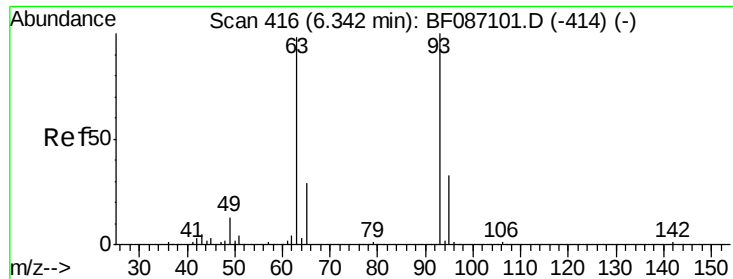
Ion Ratio Lower Upper

94 100

65 33.5 7.2 47.2

66 45.3 14.9 54.9

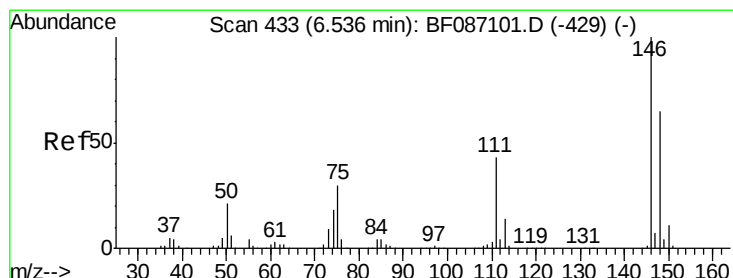
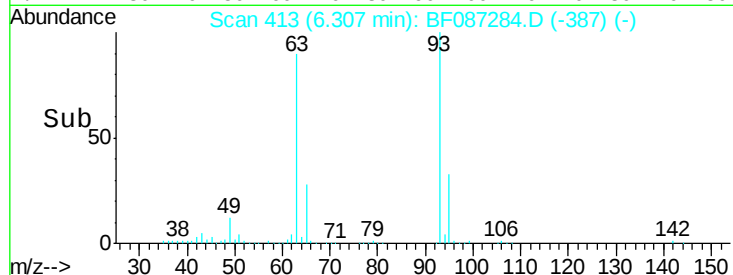
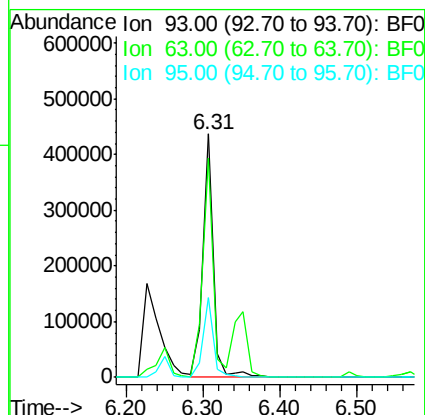
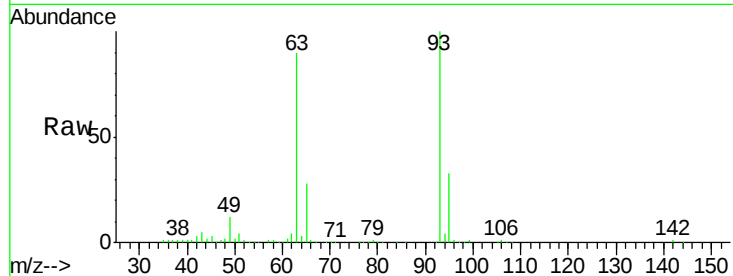




#11
bis(2-Chloroethyl)ether
Concen: 41.47 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

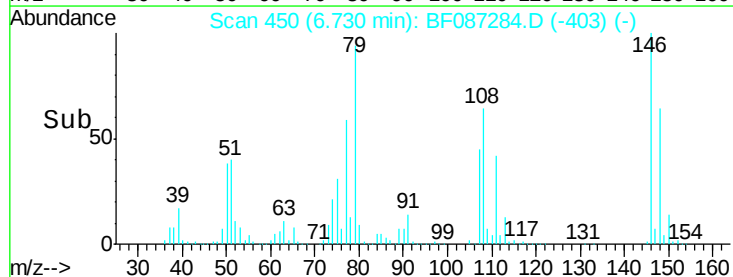
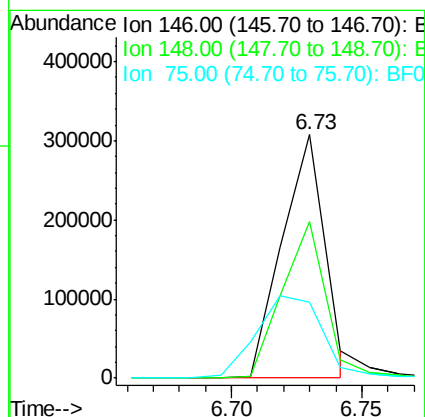
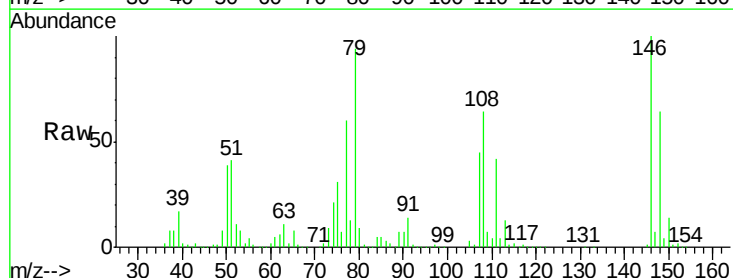
Instrument :
BNA_F
ClientSampleId :
PB90787BS

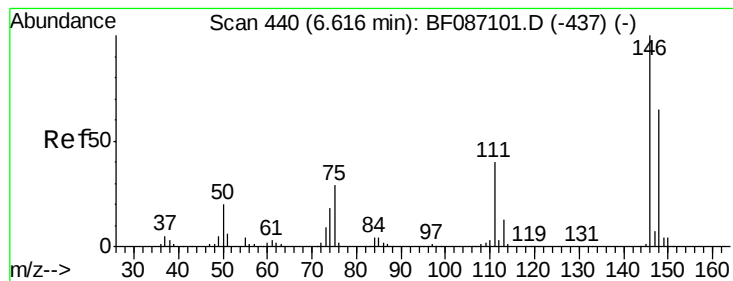
Tgt Ion: 93 Resp: 410643
Ion Ratio Lower Upper
93 100
63 90.2 58.0 98.0
95 32.8 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 34.54 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.24 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Tgt Ion: 146 Resp: 349385
Ion Ratio Lower Upper
146 100
148 64.2 52.4 78.6
75 31.4 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 35.07 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.16 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

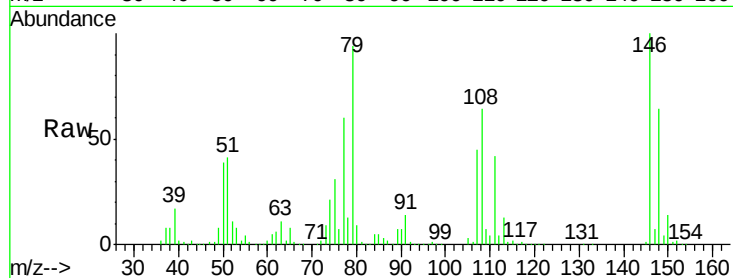
Tgt Ion:146 Resp: 362972

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.4

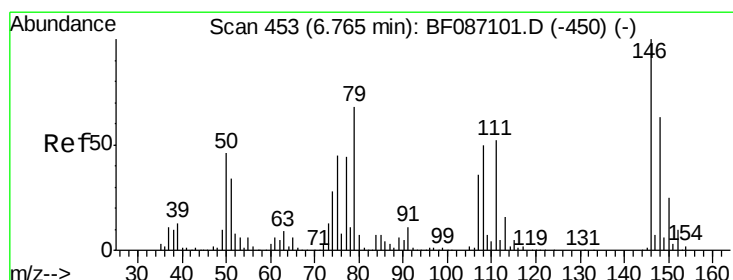
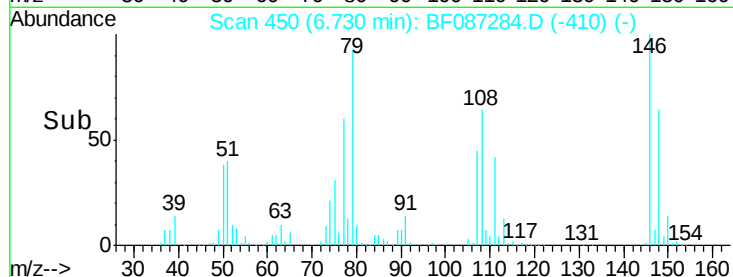
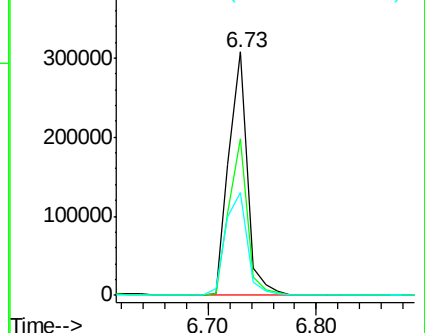
111 42.3 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.38 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

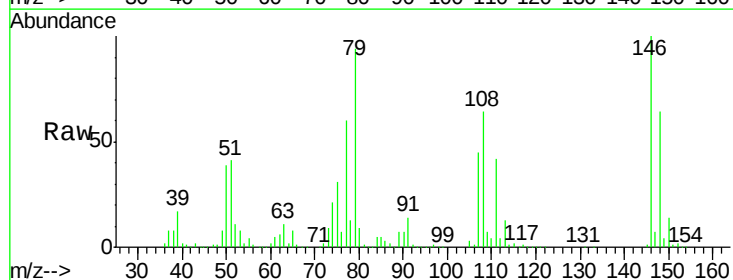
Tgt Ion:146 Resp: 365874

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.6

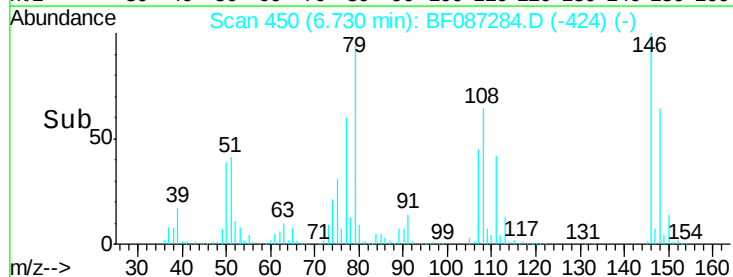
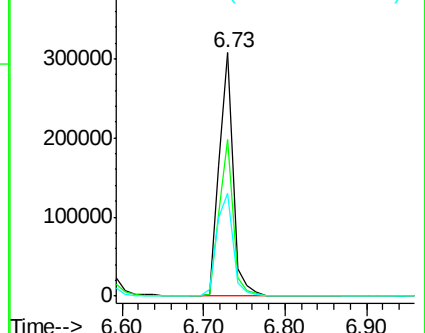
111 42.3 36.2 54.4

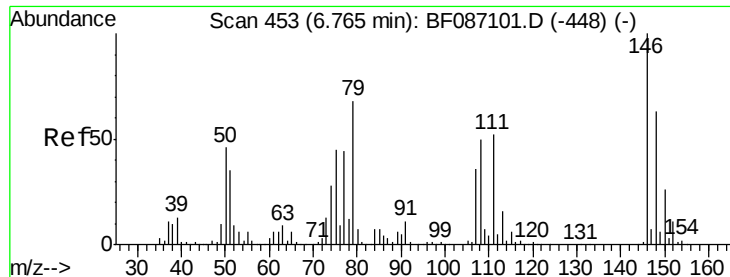


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.61 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

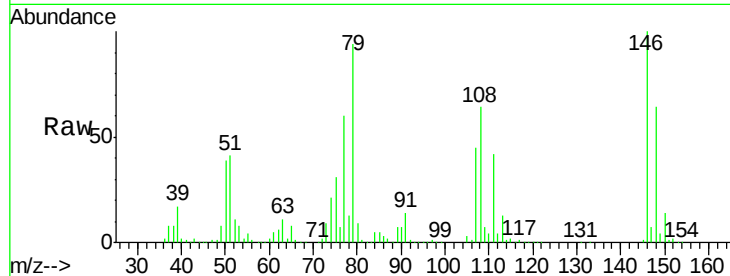
Tgt Ion: 79 Resp: 379660

Ion Ratio Lower Upper

79 100

108 68.8 68.4 102.6

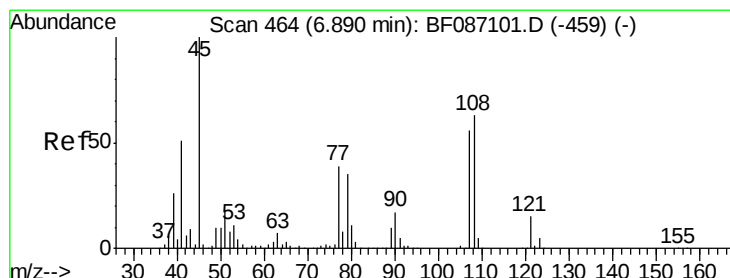
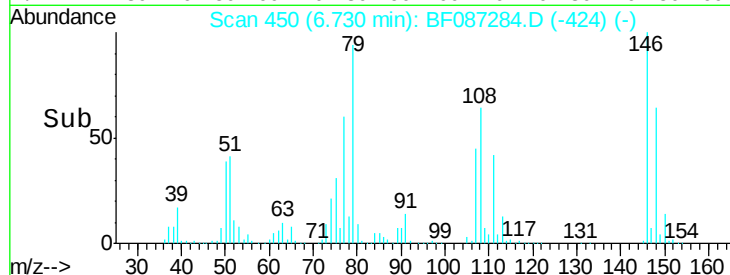
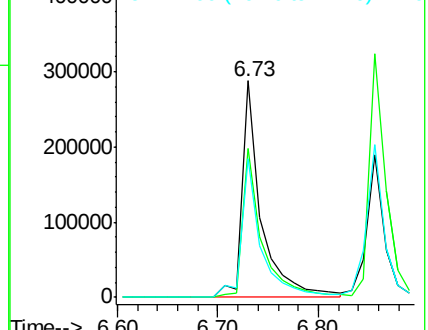
77 64.0 50.6 76.0



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: 37.75 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

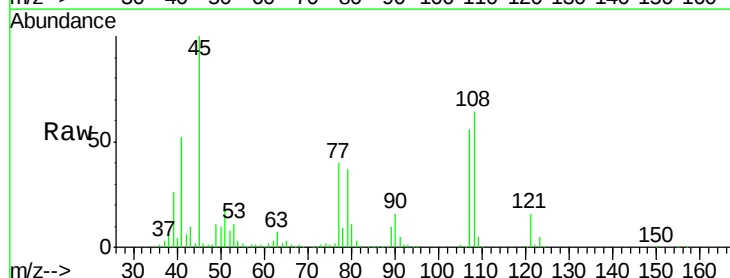
Tgt Ion: 45 Resp: 768419

Ion Ratio Lower Upper

45 100

77 40.3 0.0 36.4#

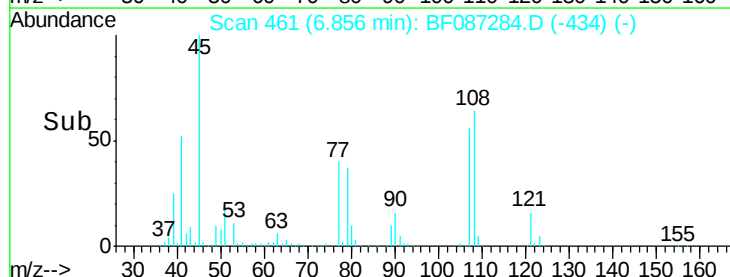
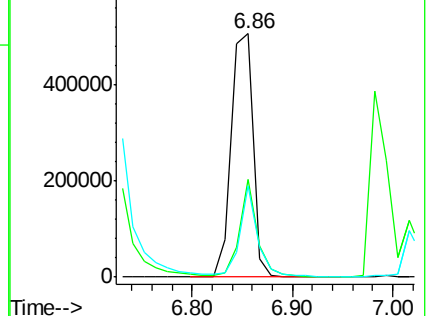
79 37.4 0.0 33.4#

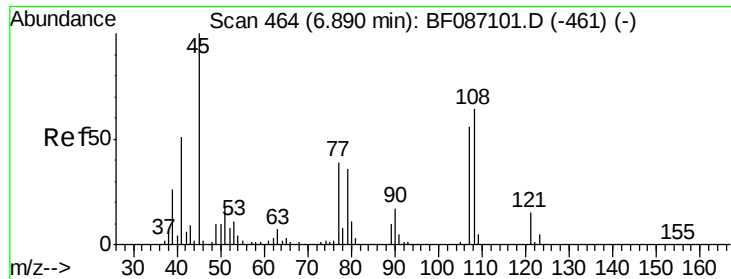


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

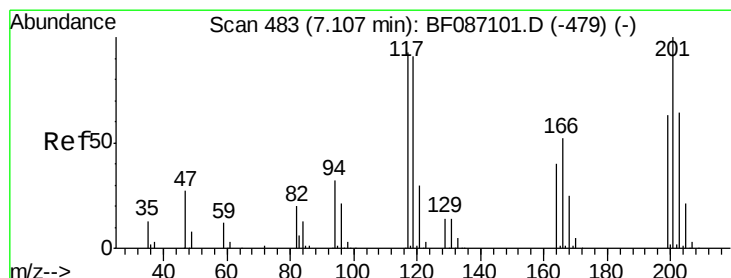
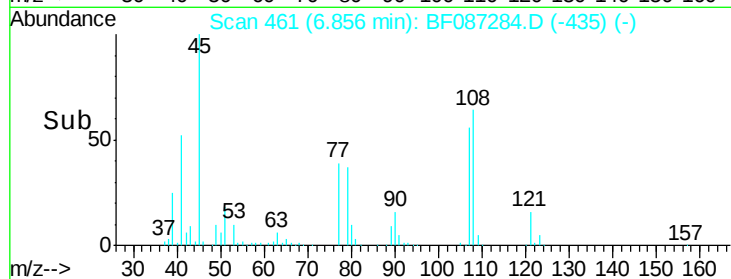
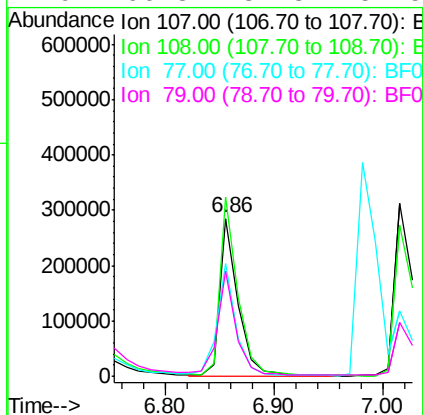
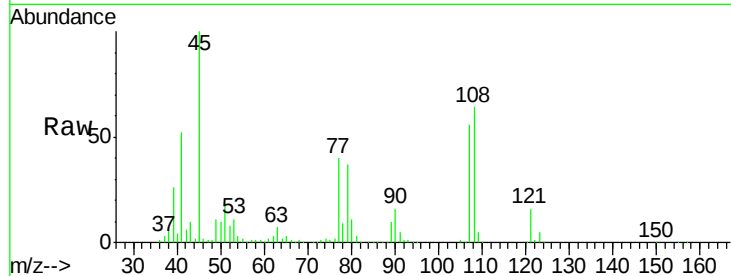




#17
2-Methylphenol
Concen: 41.96 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

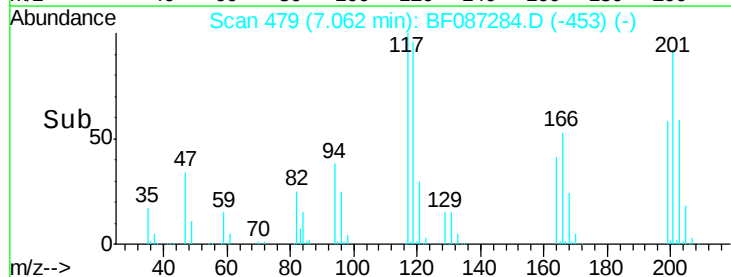
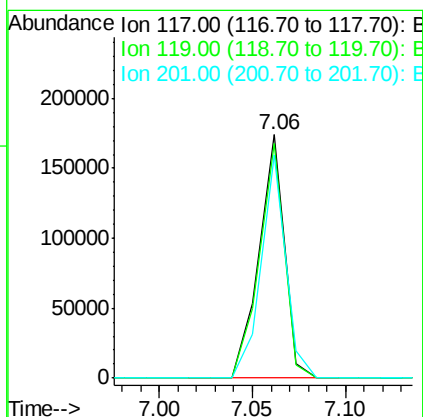
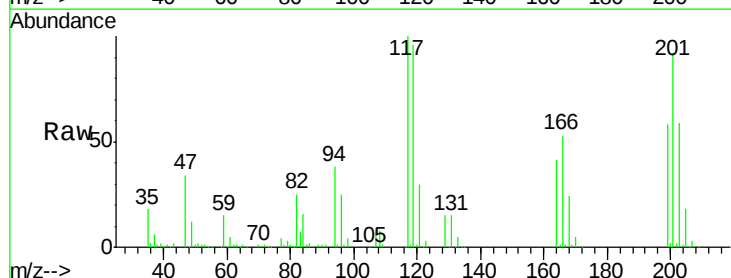
Instrument :
BNA_F
ClientSampleId :
PB90787BS

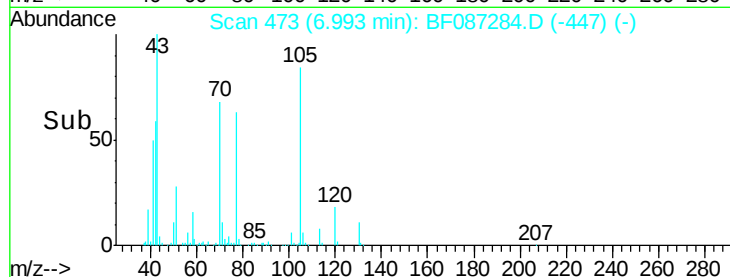
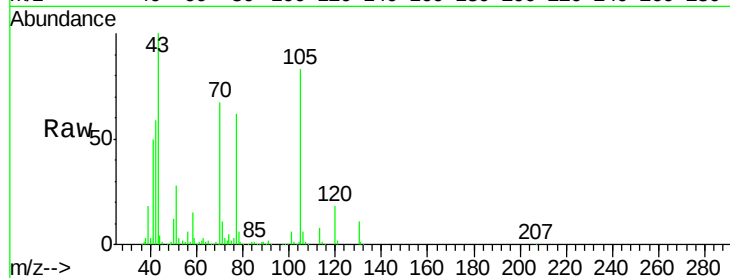
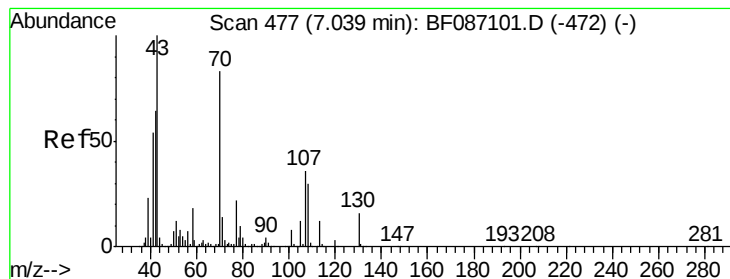
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.3	93.7	140.5
77	71.4	33.4	50.0#
79	66.3	34.3	51.5#



#18
Hexachloroethane
Concen: 41.25 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.5	114.7
201	91.7	63.0	94.6





#19

n-Nitroso-di-n-propylamine

Concen: 37.46 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

Tgt Ion: 70 Resp: 298757

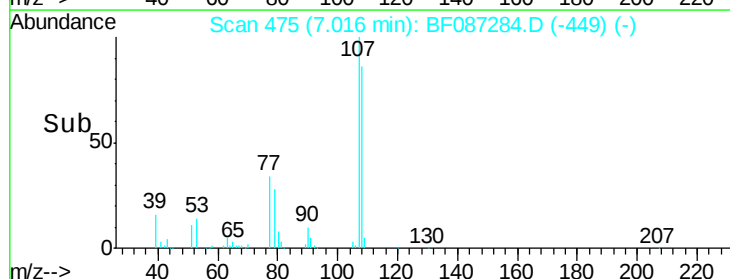
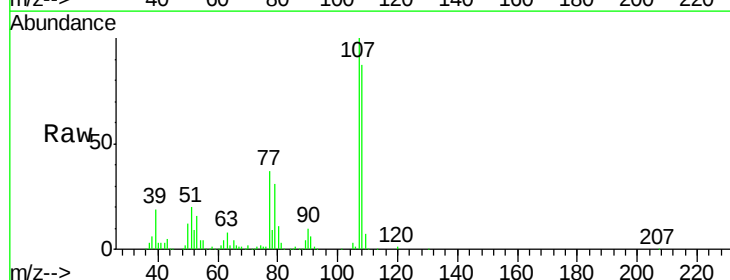
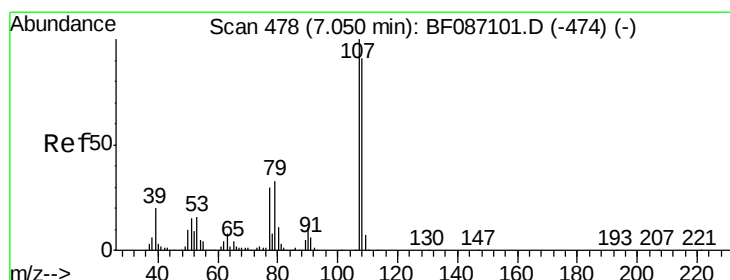
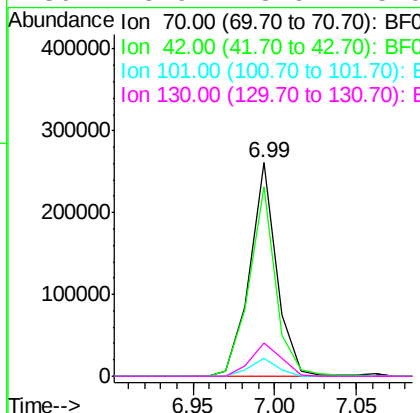
Ion Ratio Lower Upper

70 100

42 88.6 43.1 64.7#

101 8.3 8.1 12.1

130 15.9 18.6 28.0#



#20

3+4-Methylphenols

Concen: 42.54 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Tgt Ion: 107 Resp: 438609

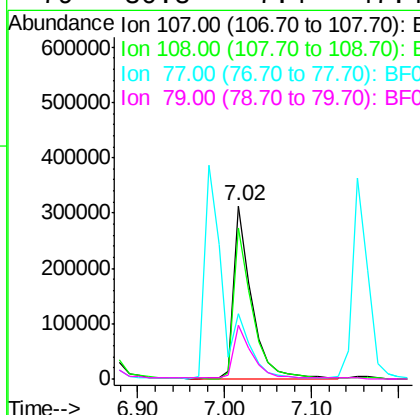
Ion Ratio Lower Upper

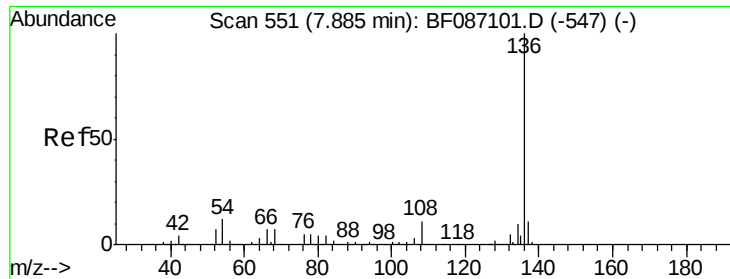
107 100

108 87.5 68.5 108.5

77 37.5 101.6 141.6#

79 30.8 7.4 47.4

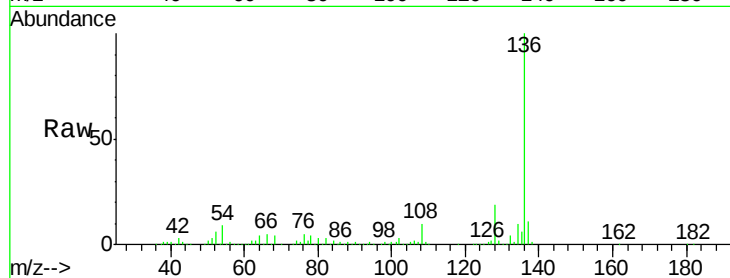




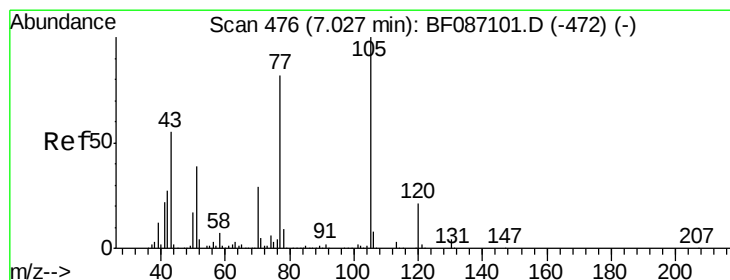
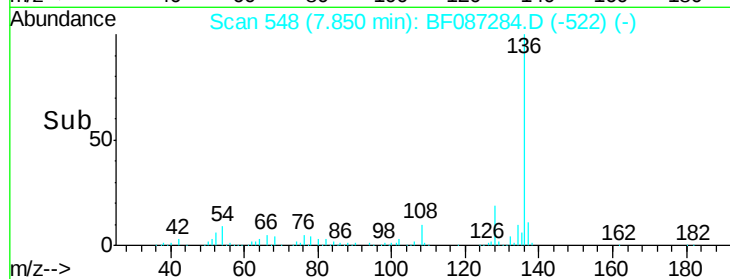
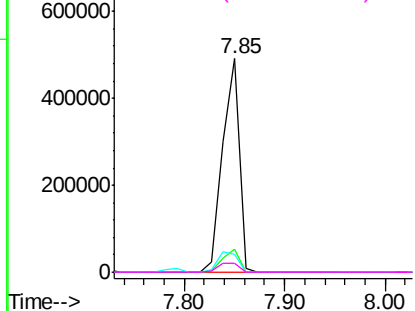
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Instrument :
BNA_F
ClientSampleId :
PB90787BS

Tgt Ion:	136	Resp:	569287
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.6	5.0	7.4#
68	4.4	4.4	6.6

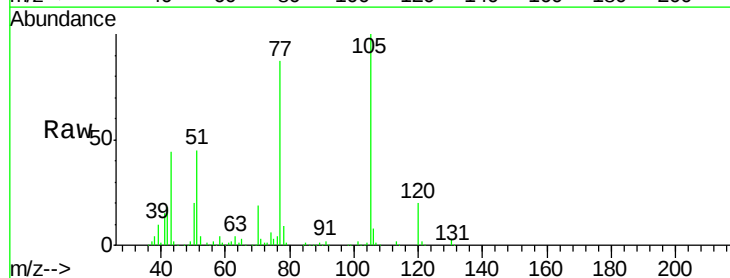


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

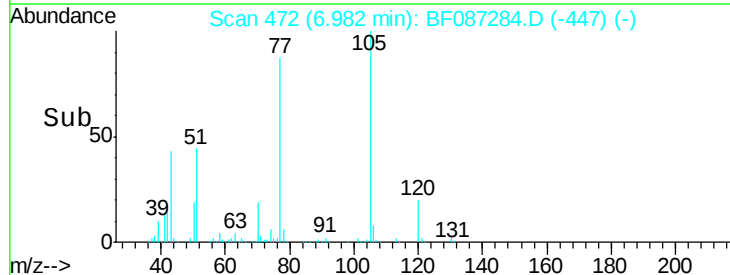
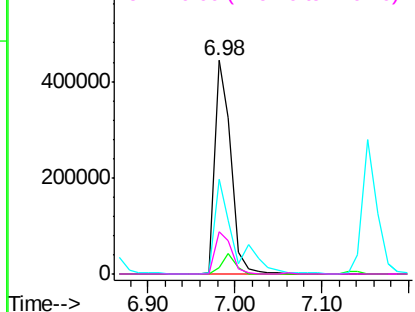


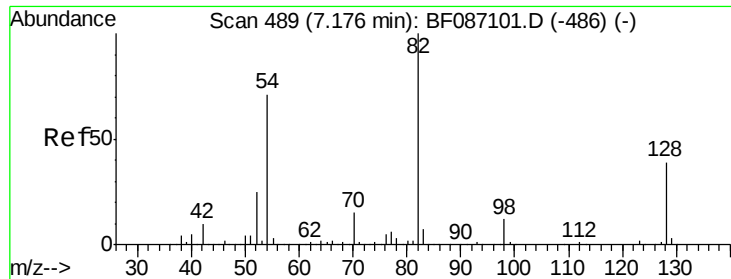
#22
Acetophenone
Concen: 41.38 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Tgt Ion:	105	Resp:	576540
Ion	Ratio	Lower	Upper
105	100		
71	3.1	4.8	7.2#
51	44.7	32.6	49.0
120	19.7	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

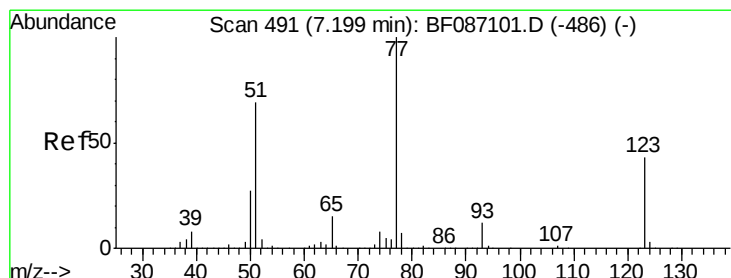
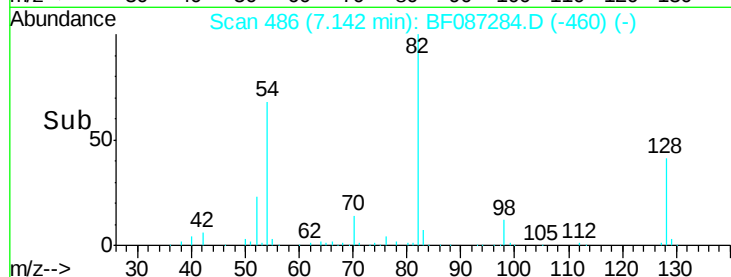
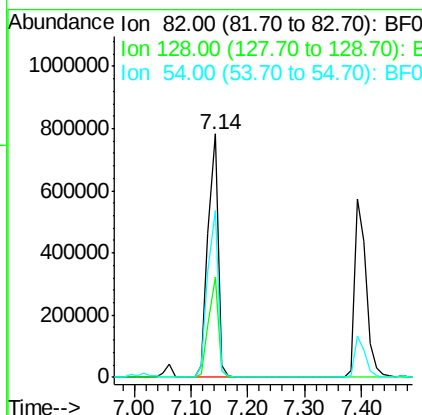
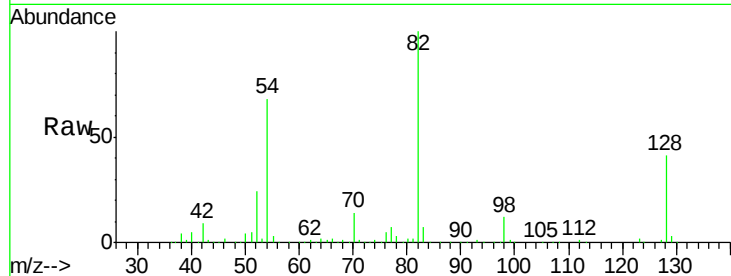




#23
 Nitrobenzene-d5
 Concen: 80.75 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

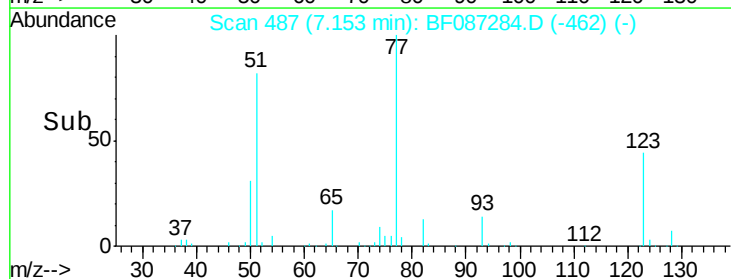
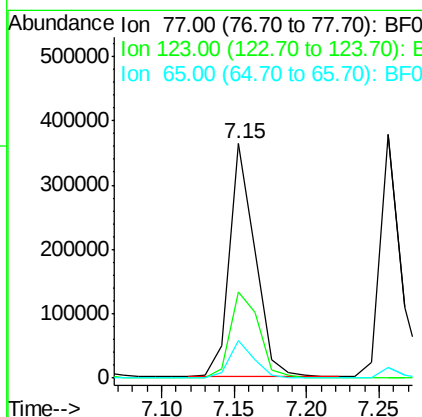
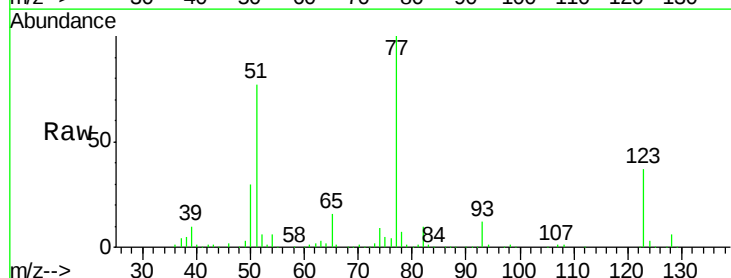
Instrument :
 BNA_F
 ClientSampleId :
 PB90787BS

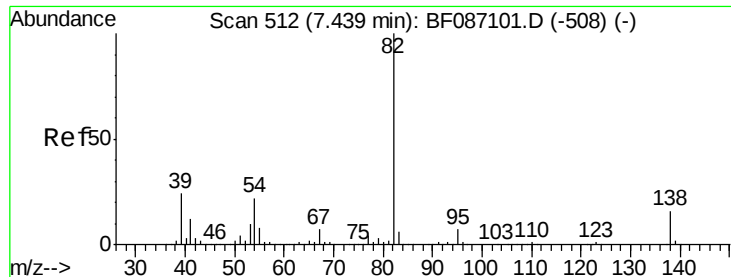
Tgt Ion: 82 Resp: 922332
 Ion Ratio Lower Upper
 82 100
 128 41.3 40.6 61.0
 54 68.3 38.1 57.1#



#24
 Nitrobenzene
 Concen: 35.60 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Tgt Ion: 77 Resp: 444014
 Ion Ratio Lower Upper
 77 100
 123 36.7 33.0 49.4
 65 15.8 10.8 16.2





#25

Isophorone

Concen: 39.05 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

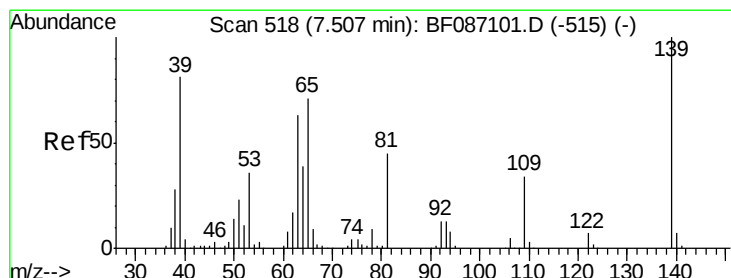
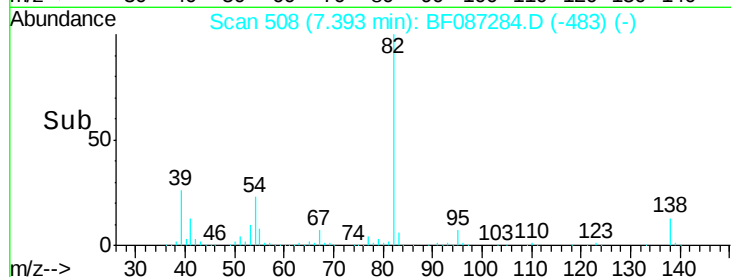
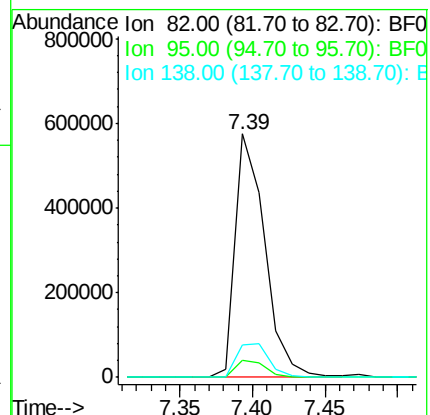
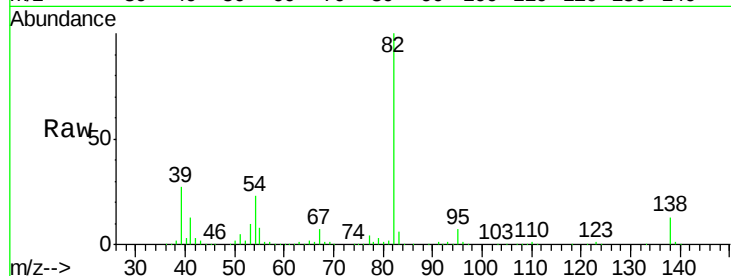
Tgt Ion: 82 Resp: 816518

Ion Ratio Lower Upper

82 100

95 7.2 5.1 7.7

138 13.5 12.4 18.6



#26

2-Nitrophenol

Concen: 40.27 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

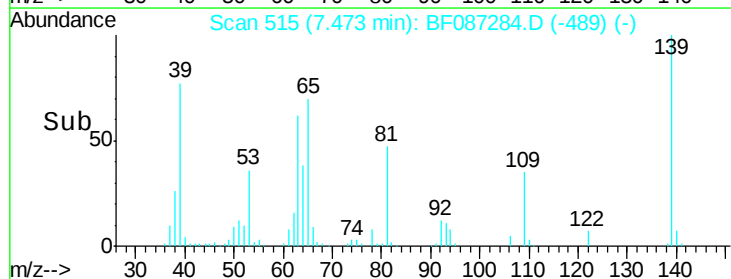
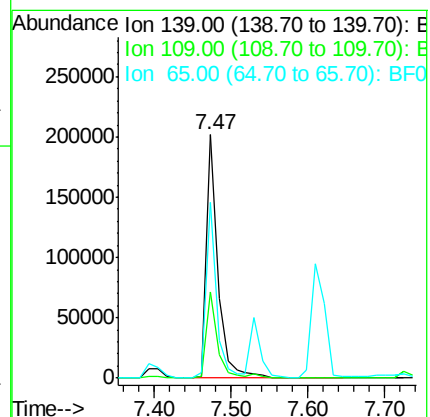
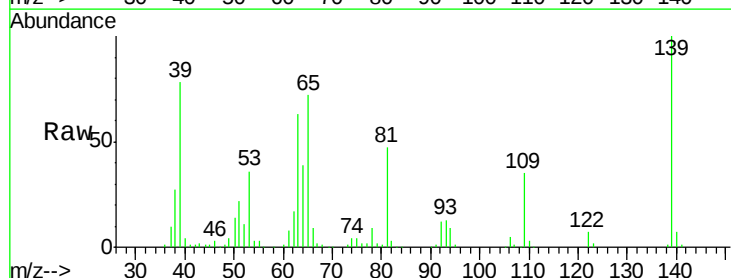
Tgt Ion: 139 Resp: 208083

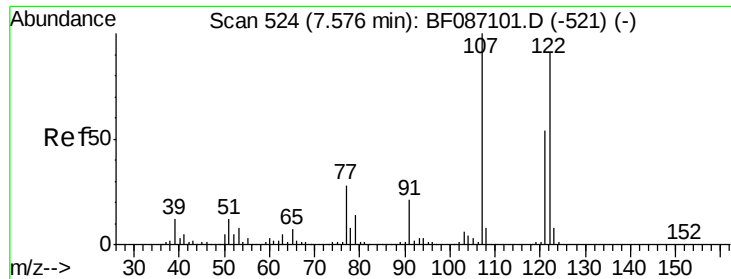
Ion Ratio Lower Upper

139 100

109 35.4 19.5 29.3#

65 71.9 37.5 56.3#

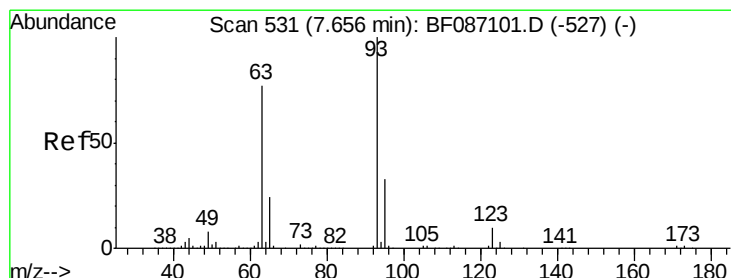
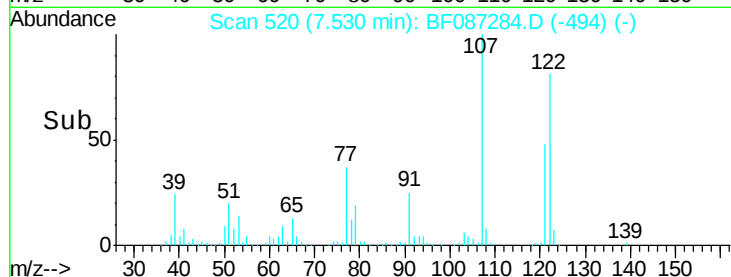
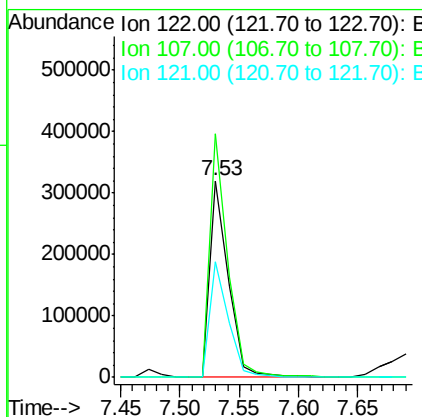
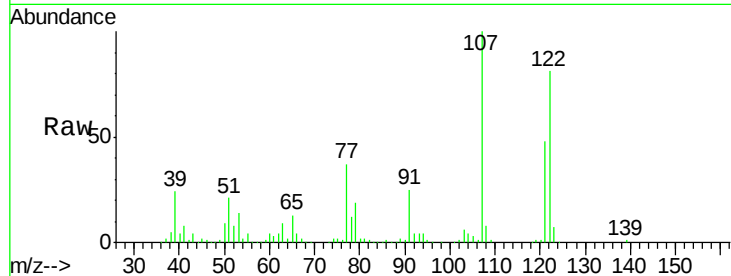




#27
 2,4-Dimethylphenol
 Concen: 38.93 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

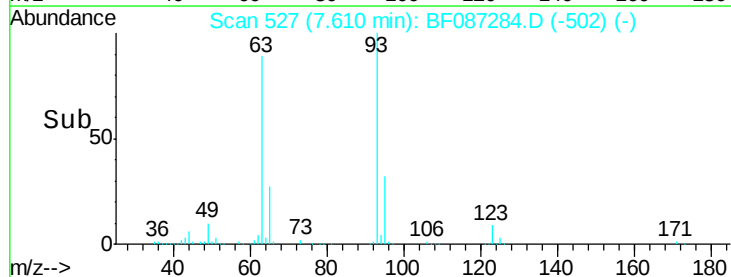
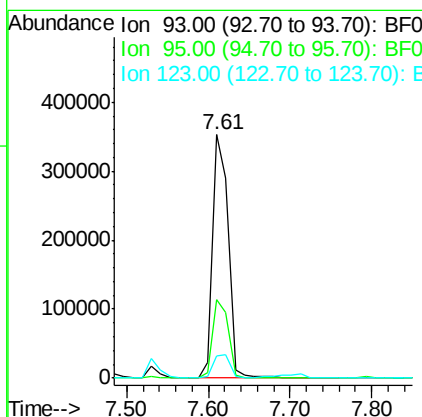
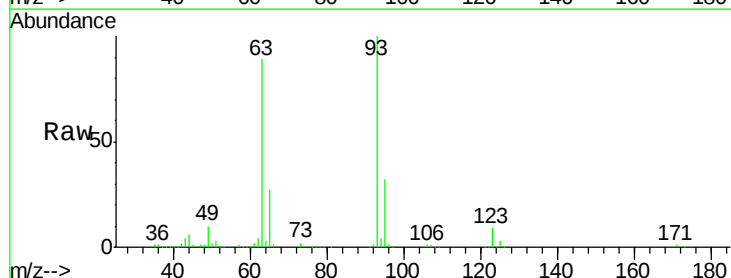
Instrument :
 BNA_F
 ClientSampled :
 PB90787BS

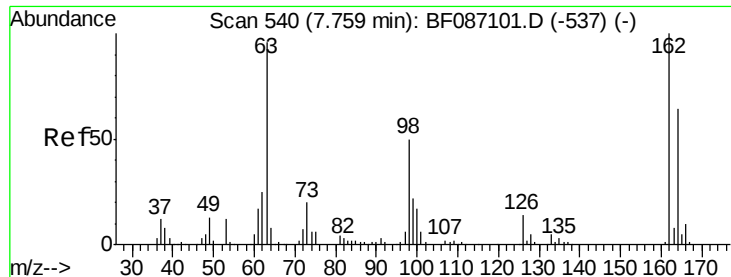
Tgt Ion:122 Resp: 343236
 Ion Ratio Lower Upper
 122 100
 107 123.8 82.0 123.0#
 121 59.0 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.38 ng
 RT: 7.61 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Tgt Ion: 93 Resp: 474993
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.0 39.0
 123 9.3 9.5 14.3#

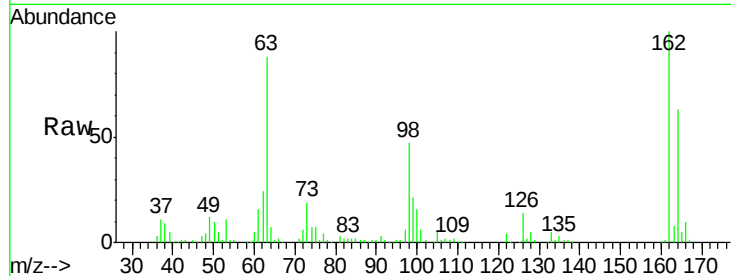




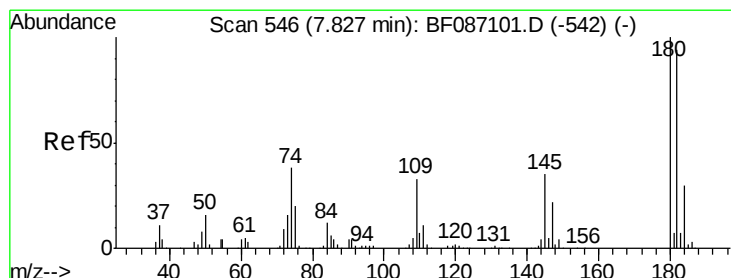
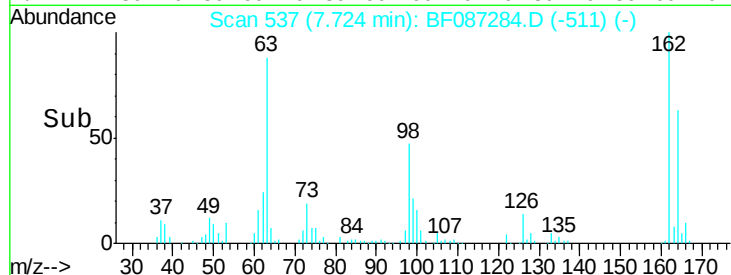
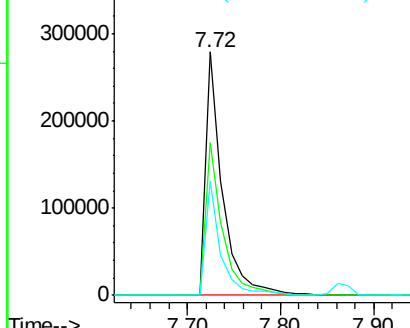
#29
 2,4-Dichlorophenol
 Concen: 45.50 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90787BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.2	82.2
98	47.2	19.0	59.0

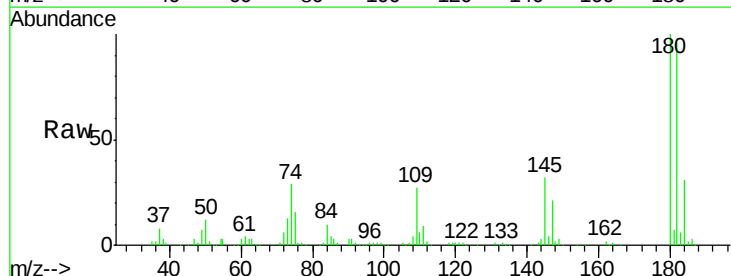


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

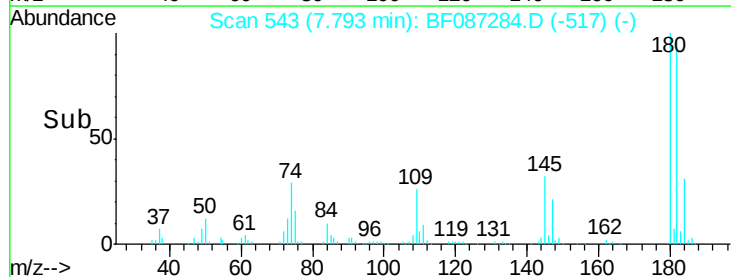
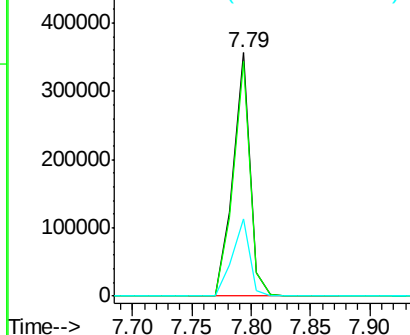


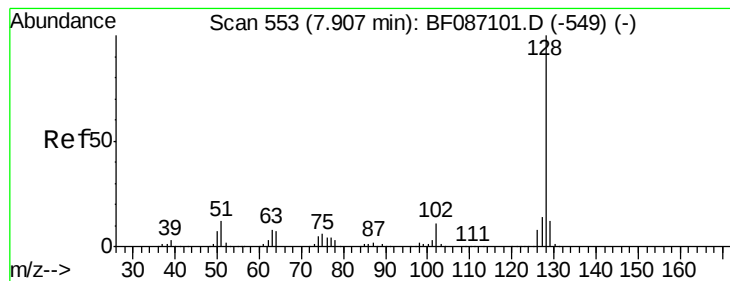
#30
 1,2,4-Trichlorobenzene
 Concen: 41.34 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	78.0	117.0
145	31.9	24.2	36.2



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





#31

Naphthalene

Concen: 39.77 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

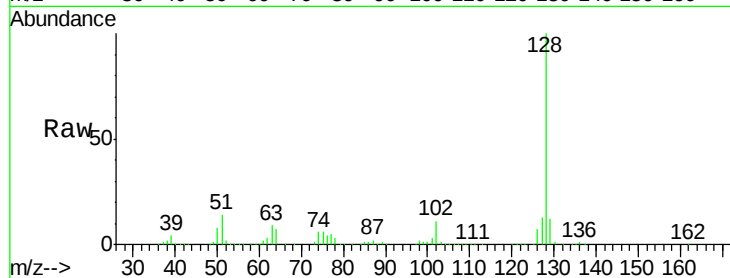
Tgt Ion:128 Resp: 1106215

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

800000

600000

400000

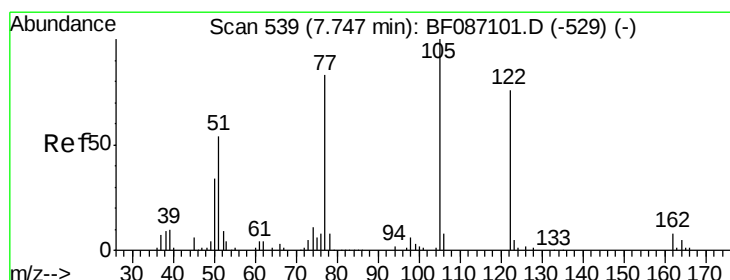
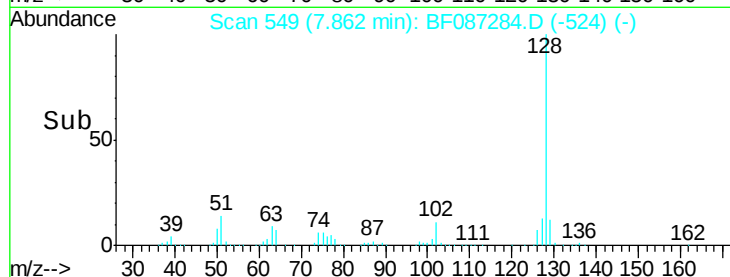
200000

0

7.86

7.80 7.85 7.90 7.95

Time-->



#32

Benzoic acid

Concen: 30.99 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

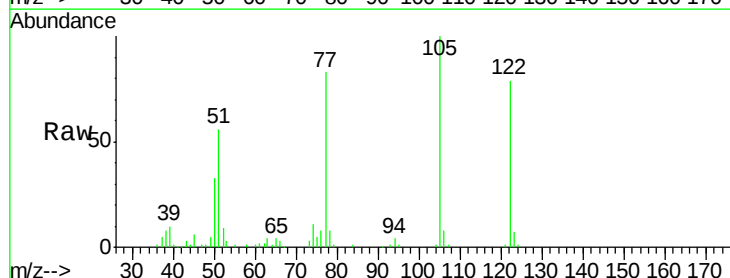
Tgt Ion:122 Resp: 162874

Ion Ratio Lower Upper

122 100

105 126.6 92.6 132.6

77 104.6 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

400000

300000

200000

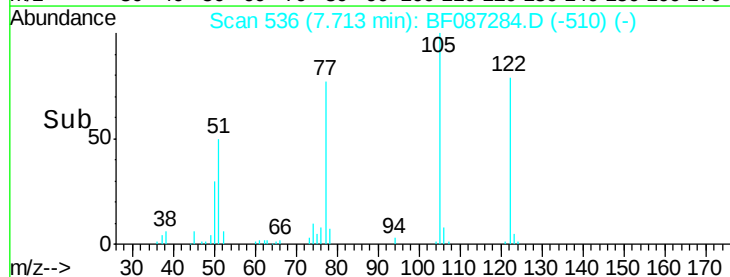
100000

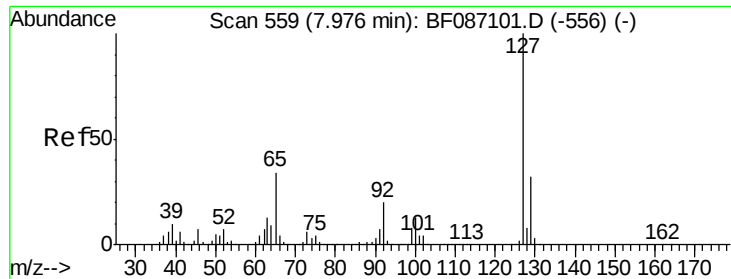
0

7.71

7.60 7.70 7.80 7.90

Time-->

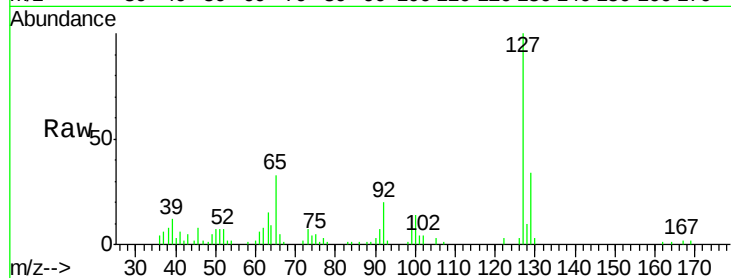




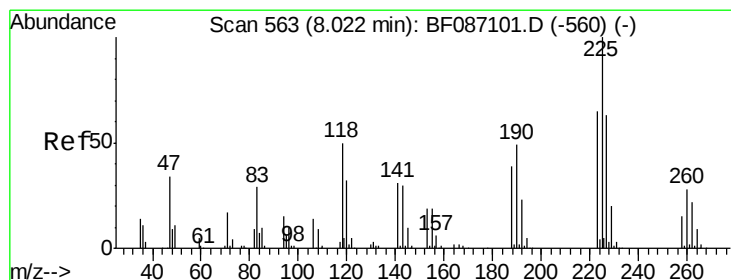
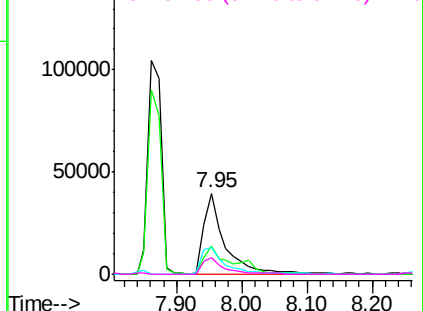
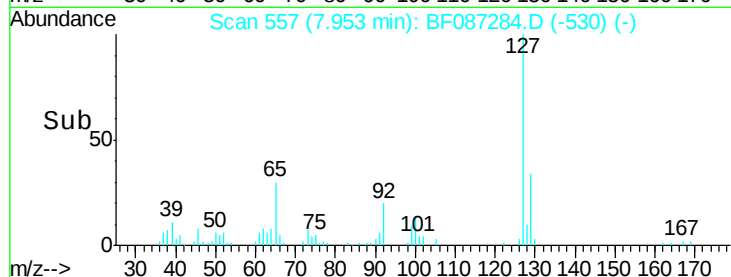
#33
4-Chloroaniline
Concen: 7.78 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Instrument :
BNA_F
ClientSampleId :
PB90787BS

Tgt Ion:	127	Resp:	89947
Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.2	39.4
65	33.4	23.0	34.4
92	20.2	15.1	22.7

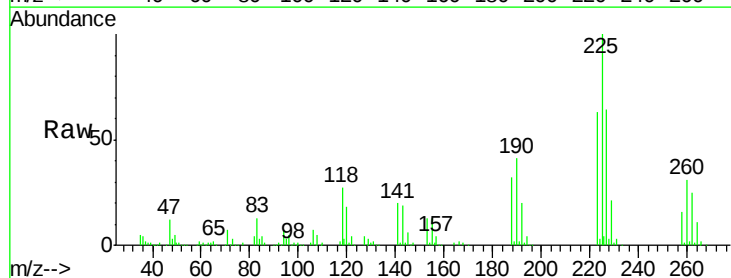


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

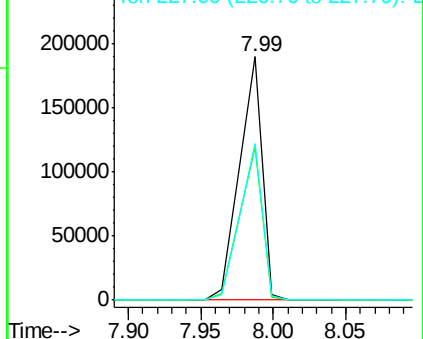
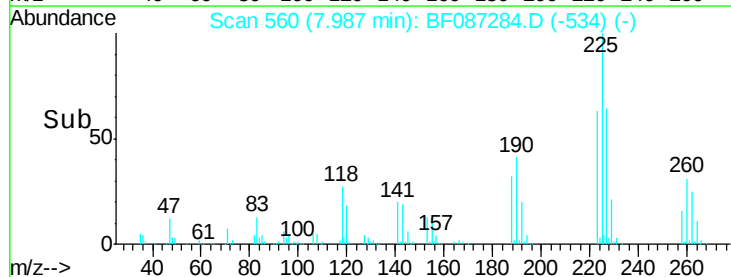


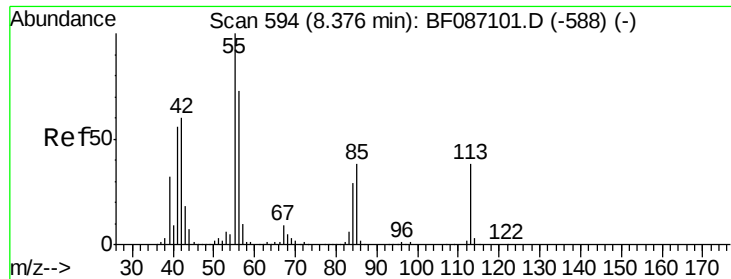
#34
Hexachlorobutadiene
Concen: 42.20 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Tgt Ion:	225	Resp:	206486
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.5	77.3
227	64.2	52.2	78.2



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

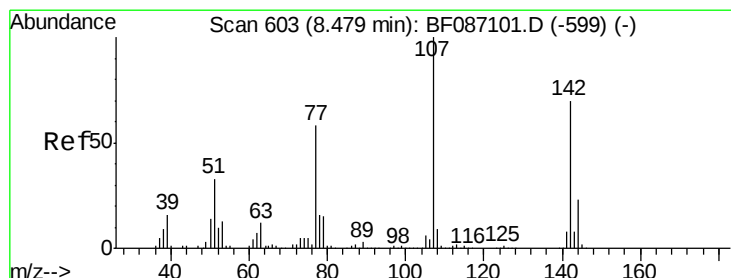
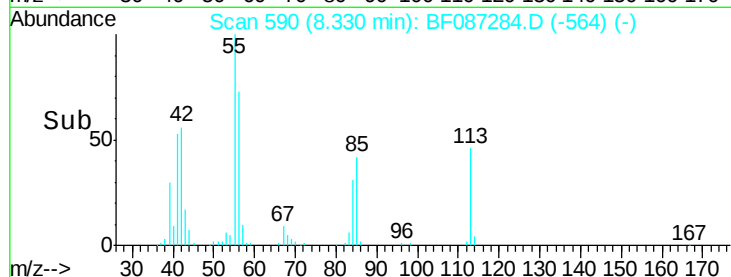
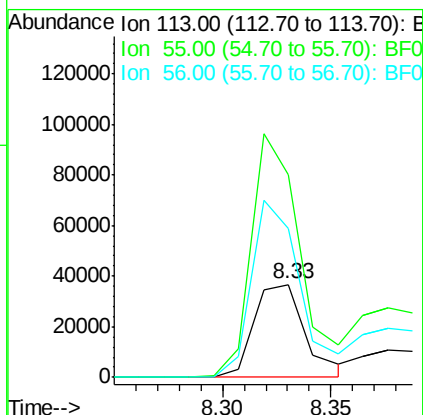
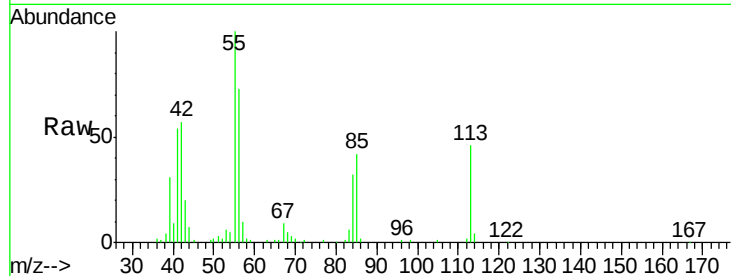




#35
 Caprolactam
 Concen: 23.44 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

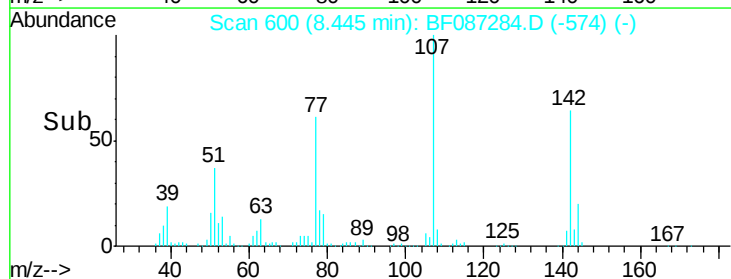
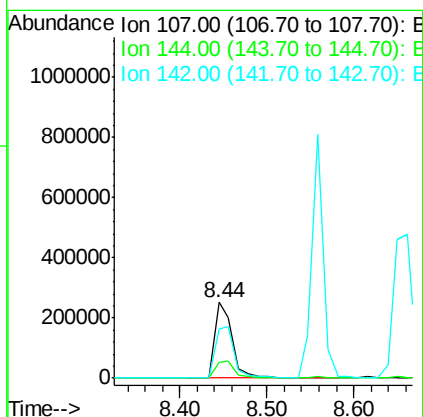
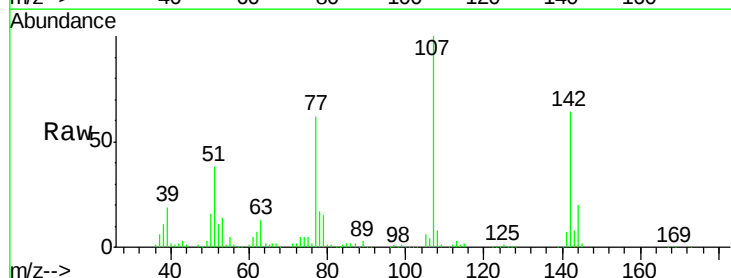
Instrument :
 BNA_F
 ClientSampleId :
 PB90787BS

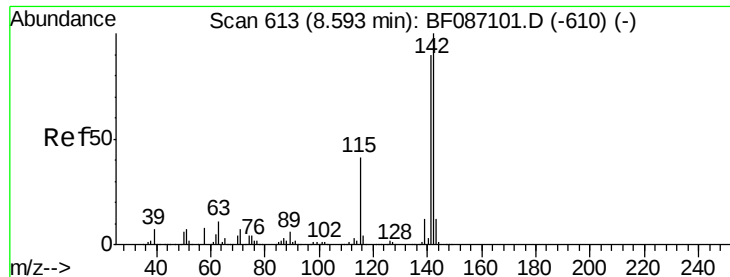
Tgt Ion:113 Resp: 60637
 Ion Ratio Lower Upper
 113 100
 55 218.1 162.0 202.0#
 56 160.1 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 38.26 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Tgt Ion:107 Resp: 358570
 Ion Ratio Lower Upper
 107 100
 144 20.3 20.7 31.1#
 142 64.5 63.2 94.8

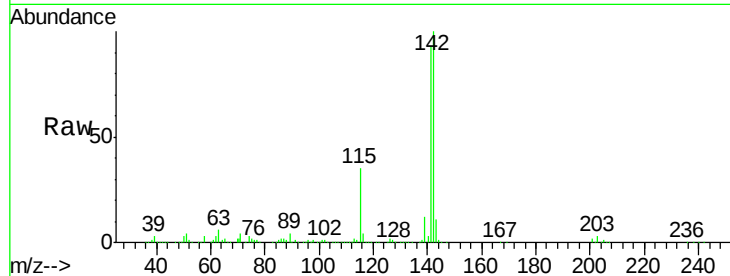




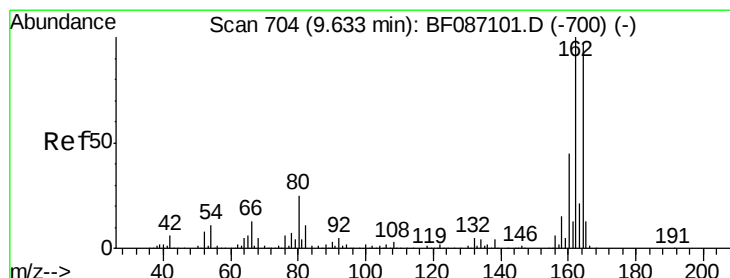
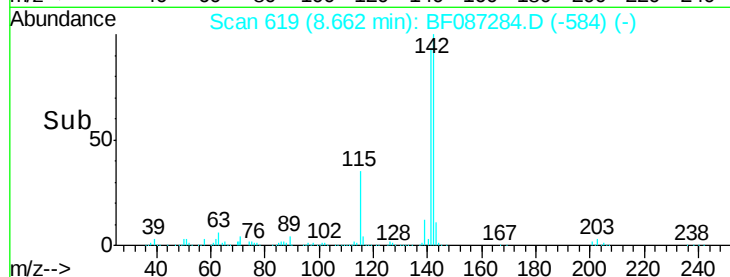
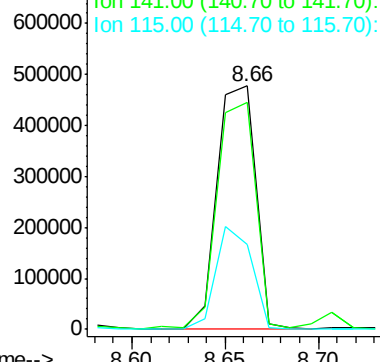
#37
 2-Methylnaphthalene
 Concen: 38.16 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.10 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90787BS

Tgt Ion:142 Resp: 678966
 Ion Ratio Lower Upper
 142 100
 141 93.5 71.0 106.6
 115 34.9 26.6 39.8

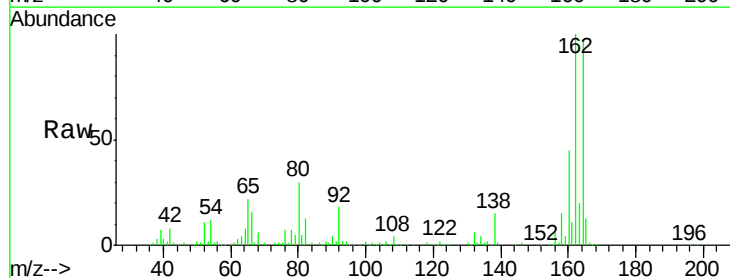


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

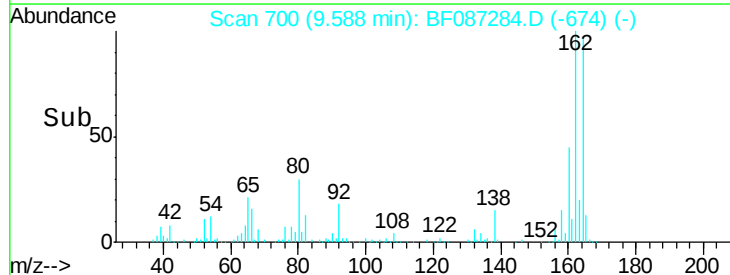
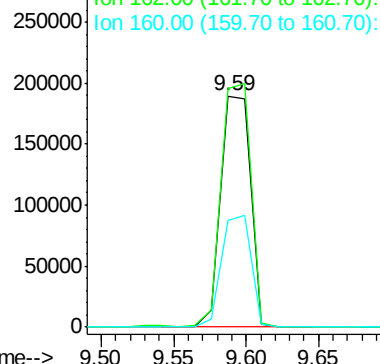


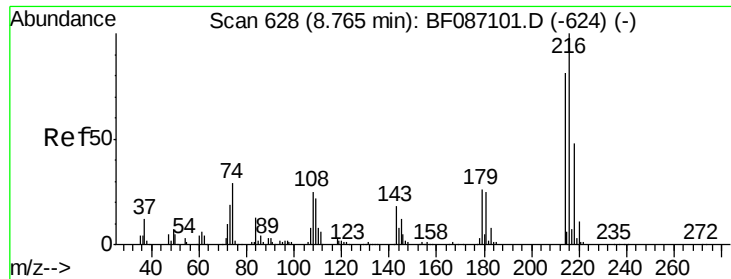
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Tgt Ion:164 Resp: 270064
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.8 124.2
 160 46.1 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.27 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampled :

PB90787BS

Tgt Ion:216 Resp: 333390

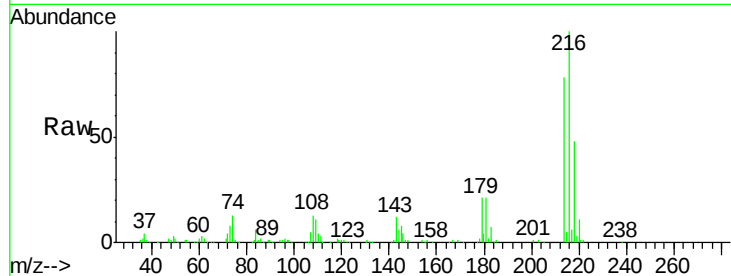
Ion Ratio Lower Upper

216 100

214 78.7 62.6 93.8

179 23.2 18.2 27.4

108 22.6 17.5 26.3

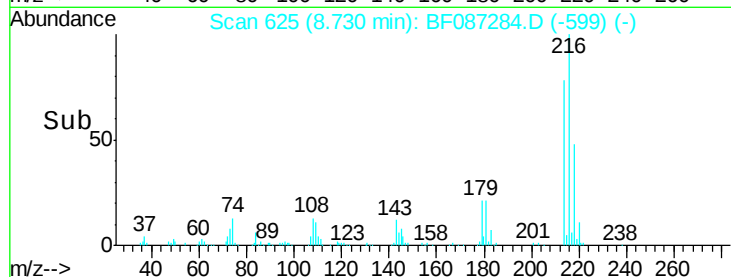


Abundance Ion 216.00 (215.70 to 216.70): E

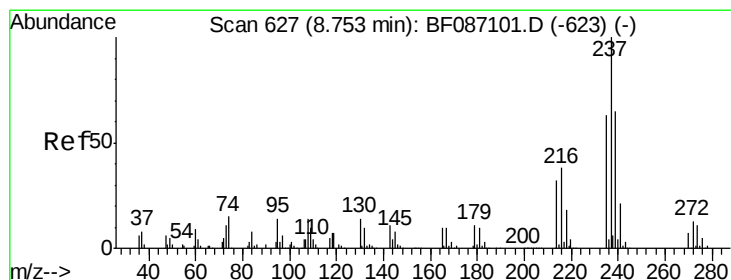
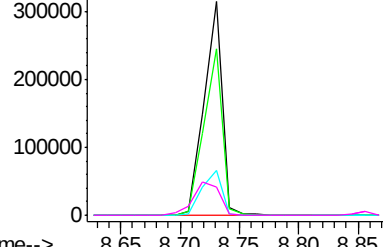
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 68.57 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

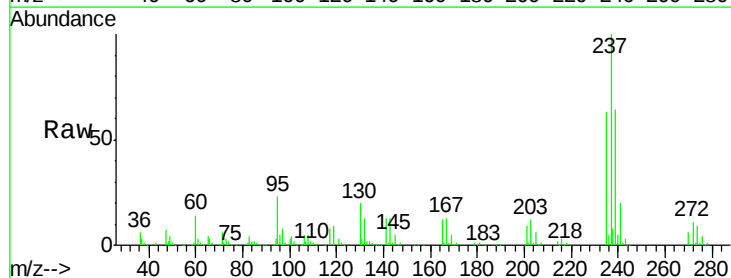
Tgt Ion:237 Resp: 205058

Ion Ratio Lower Upper

237 100

235 63.1 47.2 87.2

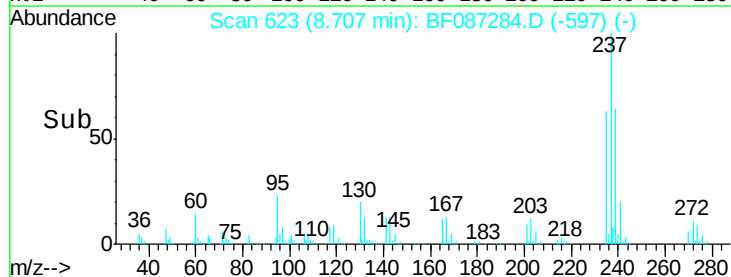
272 11.5 0.0 31.1



Abundance Ion 236.80 (236.50 to 237.50): E

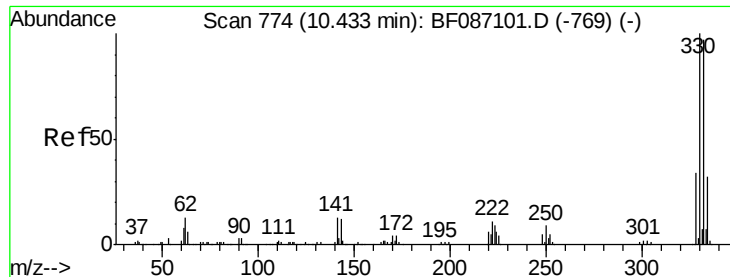
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

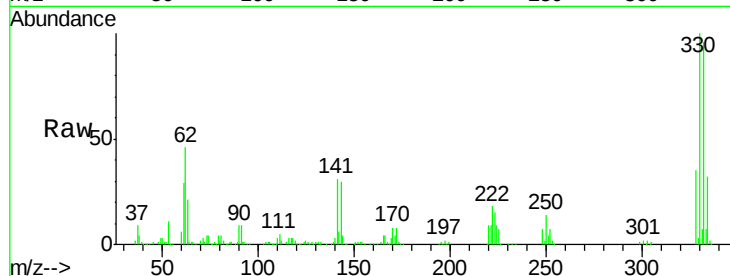




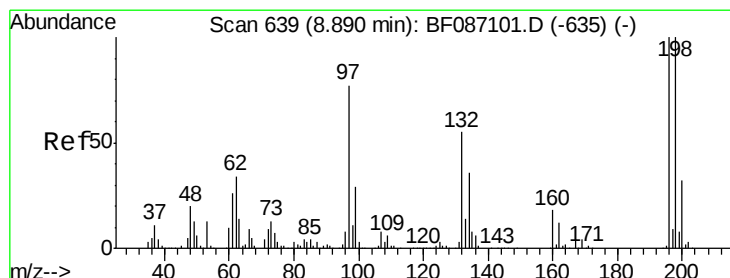
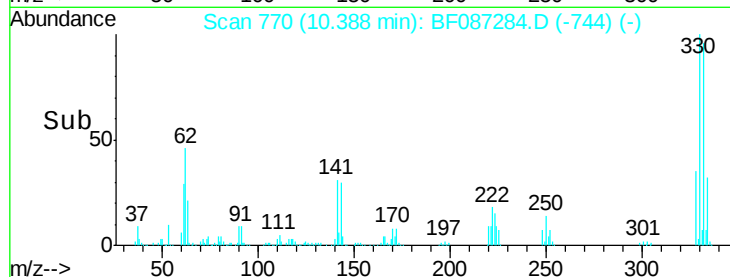
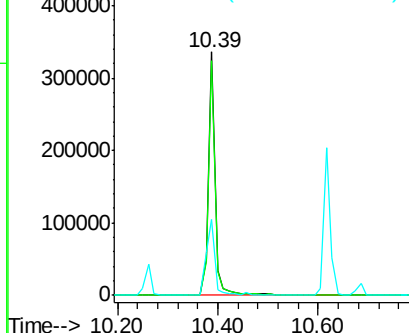
#41
 2,4,6-Tribromophenol
 Concen: 106.21 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90787BS

Tgt Ion:330 Resp: 316954
 Ion Ratio Lower Upper
 330 100
 332 96.1 79.0 118.4
 141 39.4 31.2 46.8

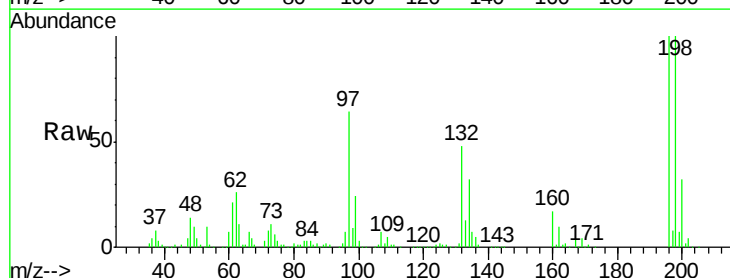


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

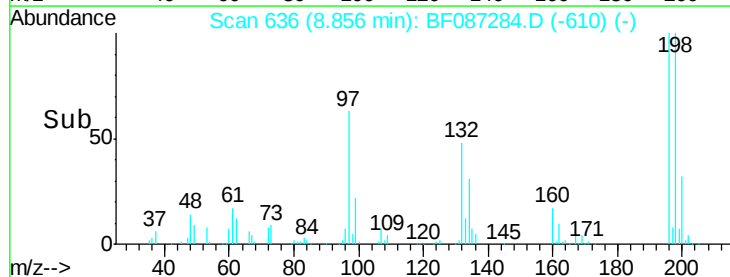
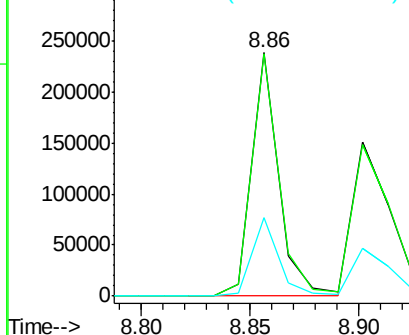


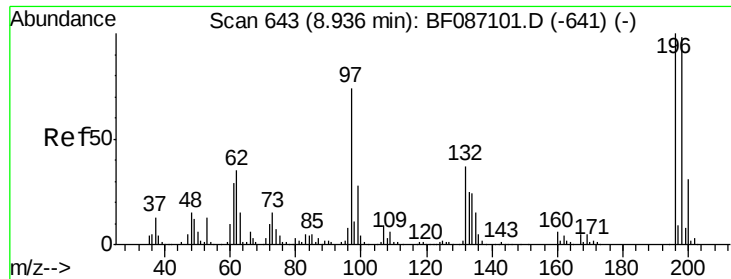
#42
 2,4,6-Trichlorophenol
 Concen: 40.46 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Tgt Ion:196 Resp: 206991
 Ion Ratio Lower Upper
 196 100
 198 99.6 74.7 112.1
 200 32.3 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

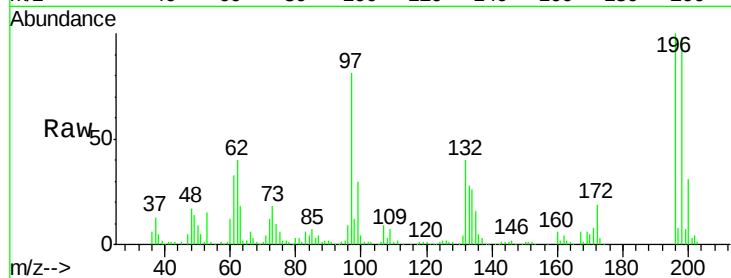




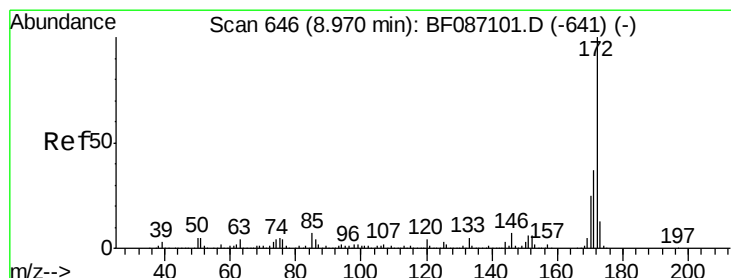
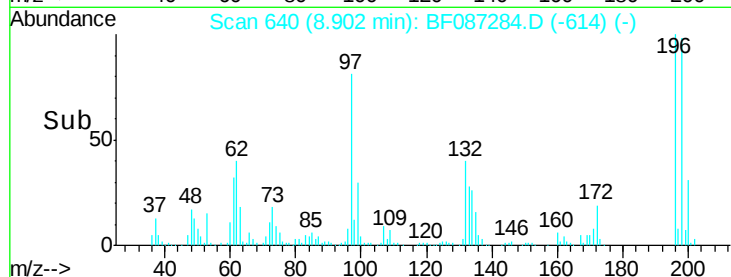
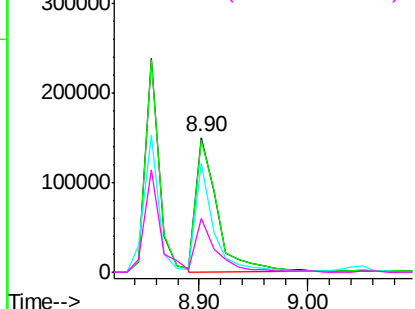
#43
 2,4,5-Trichlorophenol
 Concen: 38.36 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90787BS

Tgt Ion:	196	Resp:	203865
Ion	Ratio	Lower	Upper
196	100		
198	98.4	77.5	116.3
97	80.9	34.8	52.2#
132	40.1	23.0	34.4#

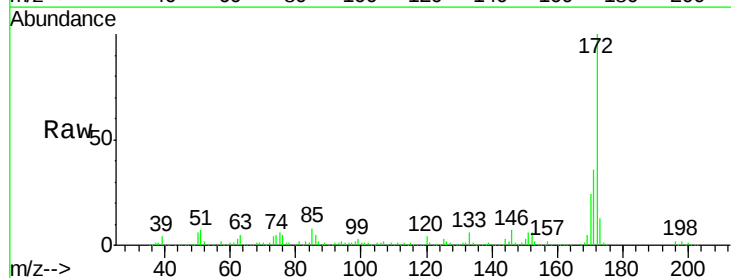


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

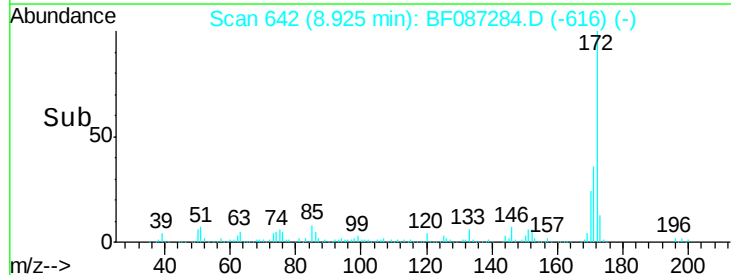
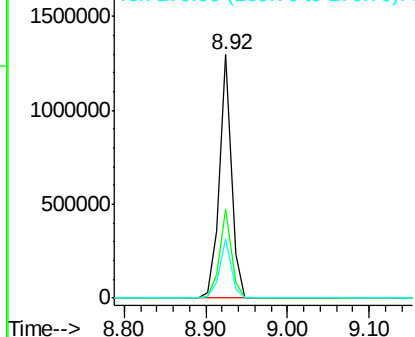


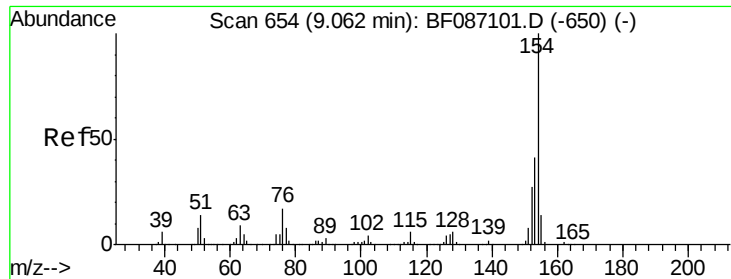
#44
 2-Fluorobiphenyl
 Concen: 81.02 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Tgt Ion:	172	Resp:	1321097
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.5	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: 43.54 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

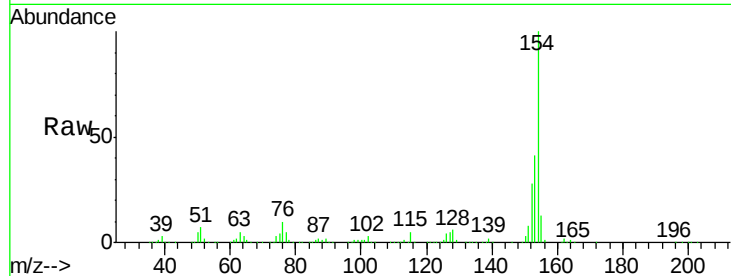
Tgt Ion:154 Resp: 974905

Ion Ratio Lower Upper

154 100

153 41.1 20.3 60.3

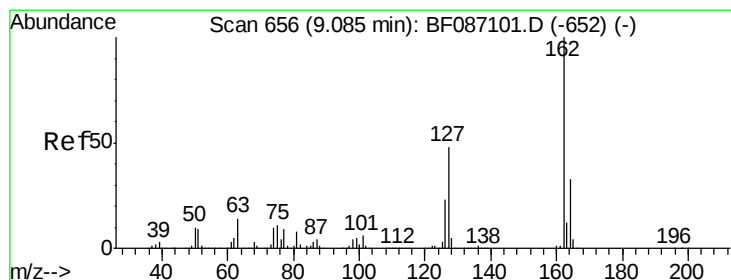
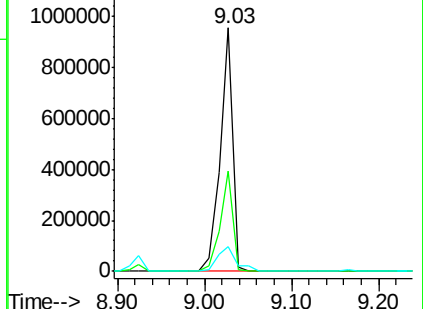
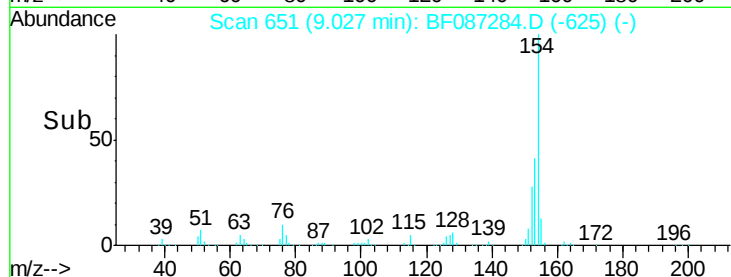
76 10.4 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.99 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

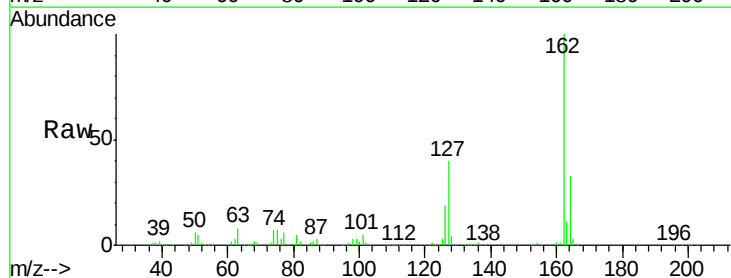
Tgt Ion:162 Resp: 721869

Ion Ratio Lower Upper

162 100

127 40.4 31.8 47.6

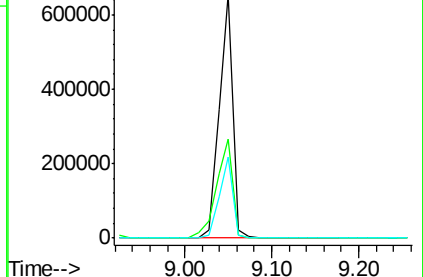
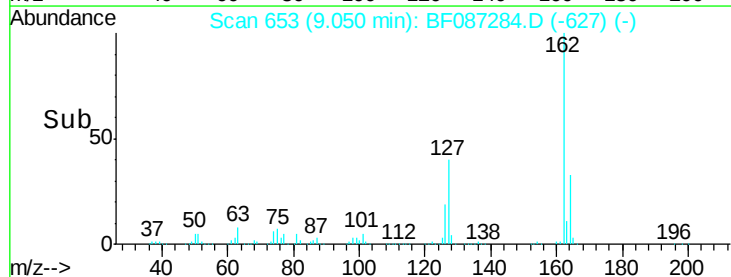
164 33.3 27.0 40.6

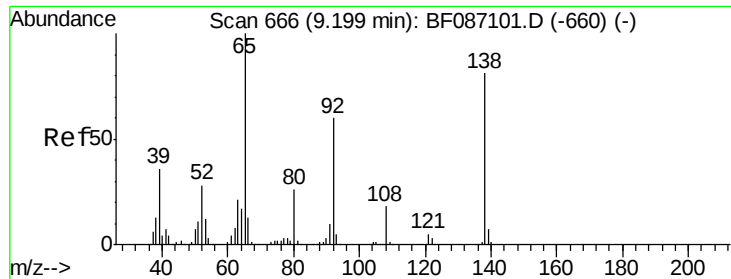


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

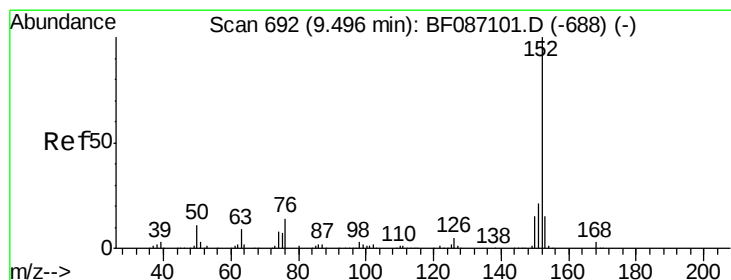
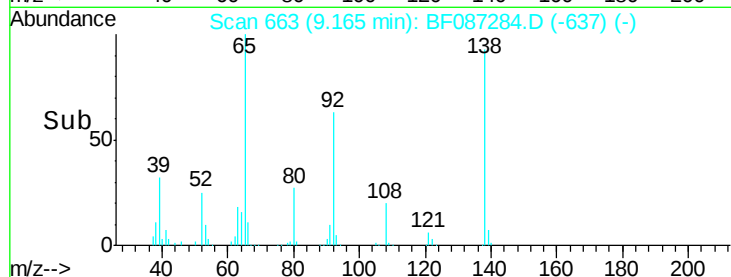
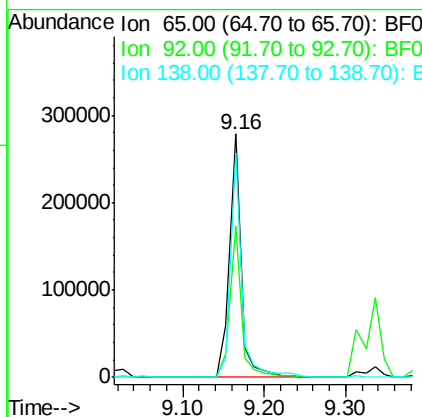
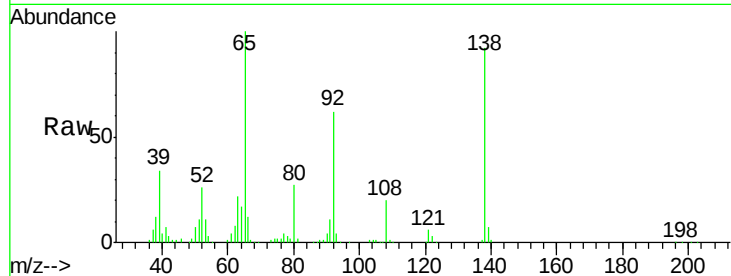




#47
2-Nitroaniline
Concen: 42.27 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

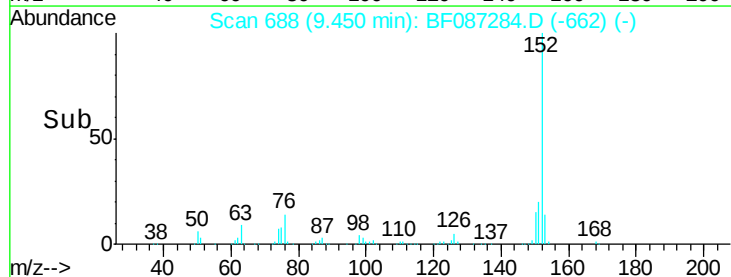
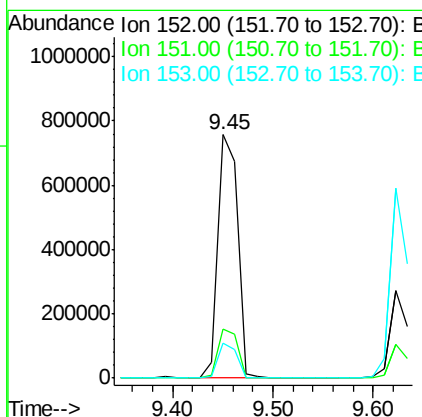
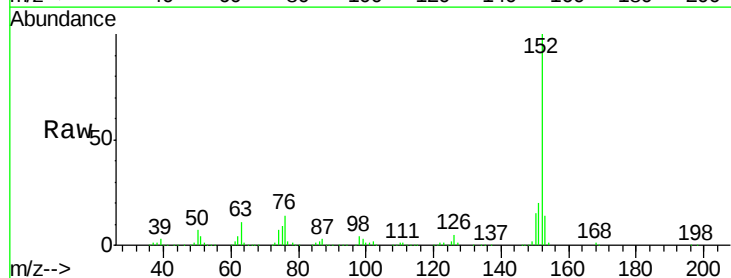
Instrument :
BNA_F
ClientSampleId :
PB90787BS

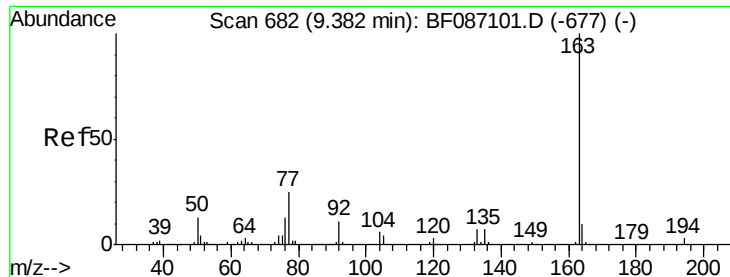
Tgt Ion: 65 Resp: 278493
Ion Ratio Lower Upper
65 100
92 62.3 57.4 86.2
138 92.0 90.1 135.1



#48
Acenaphthylene
Concen: 39.24 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Tgt Ion: 152 Resp: 1030165
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 14.5 10.9 16.3





#49

Dimethylphthalate

Concen: 39.74 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

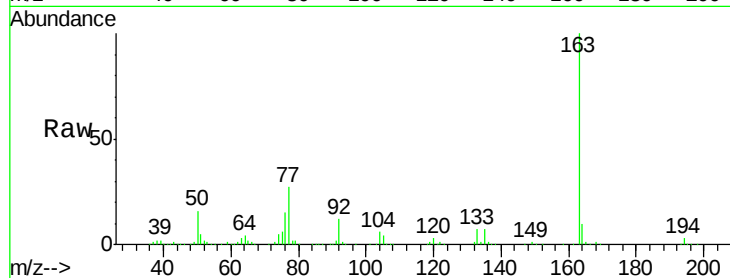
Tgt Ion:163 Resp: 818772

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

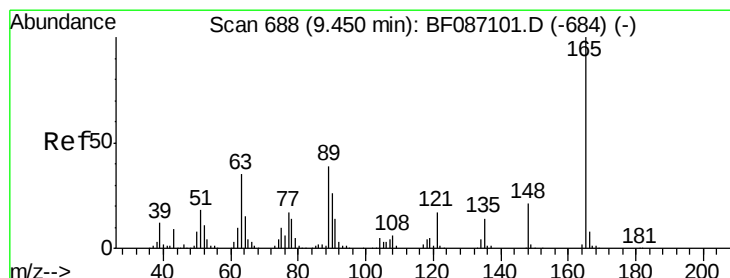
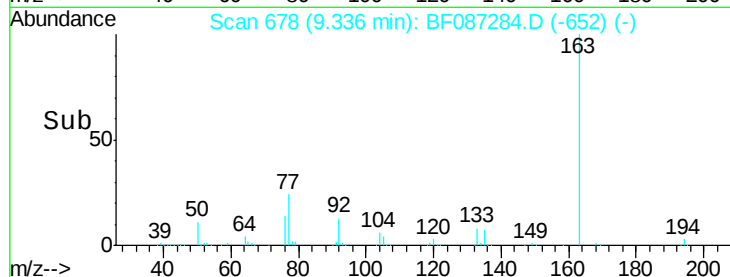
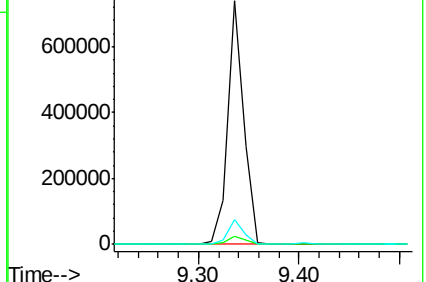
164 10.3 8.2 12.4



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: 38.18 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

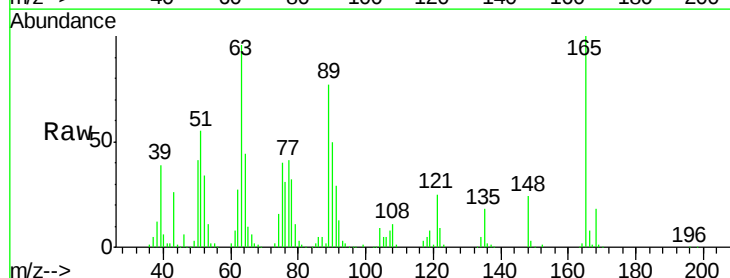
Tgt Ion:165 Resp: 170771

Ion Ratio Lower Upper

165 100

63 96.1 51.8 77.8#

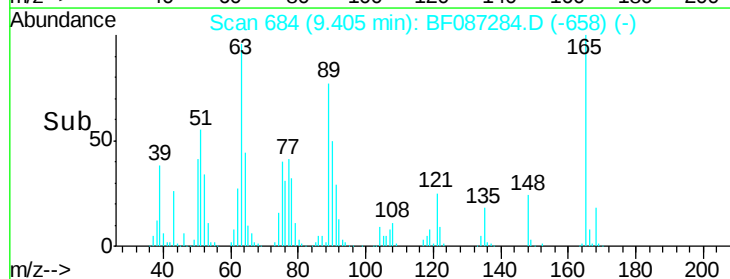
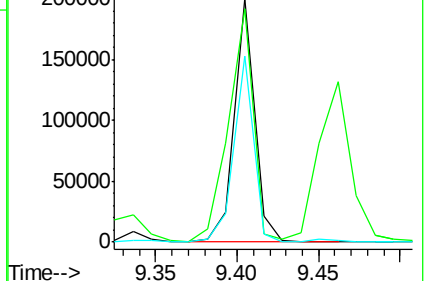
89 76.6 50.7 76.1#

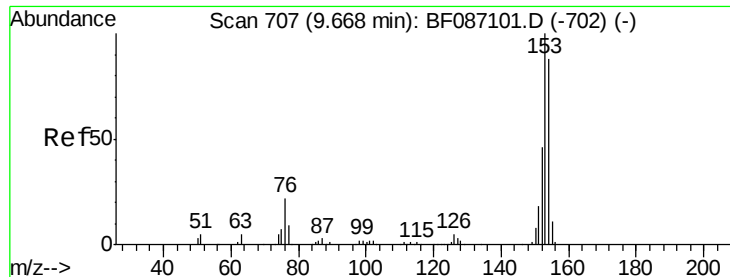


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.47 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

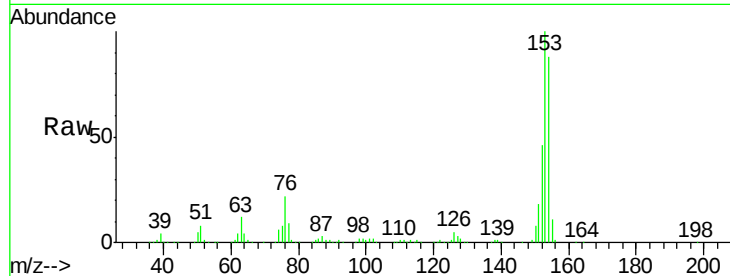
Tgt Ion:154 Resp: 614473

Ion Ratio Lower Upper

154 100

153 113.8 89.8 134.6

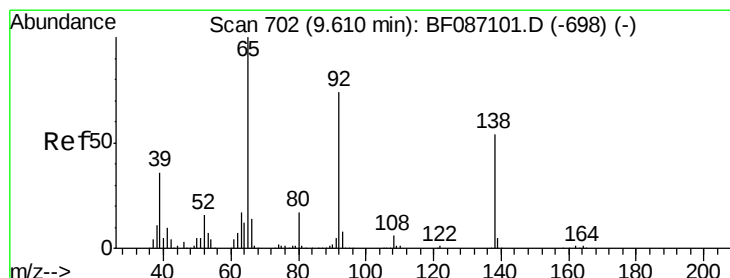
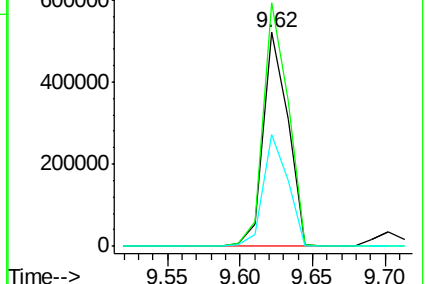
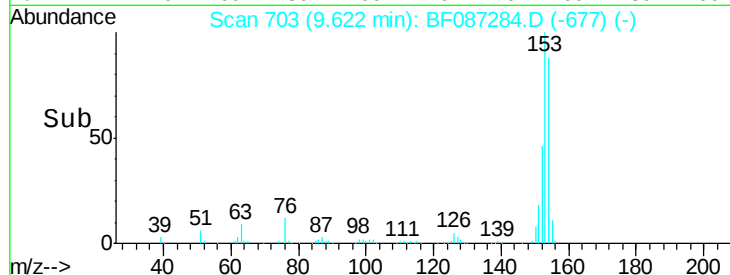
152 52.5 43.4 65.0



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: 17.92 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

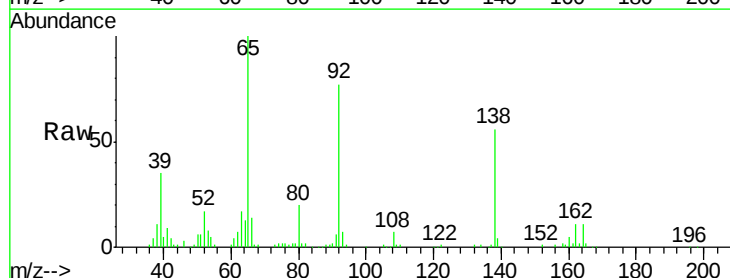
Tgt Ion:138 Resp: 86798

Ion Ratio Lower Upper

138 100

108 11.8 7.8 11.6#

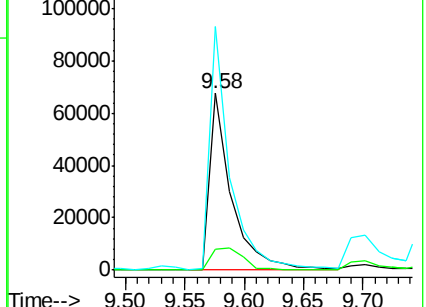
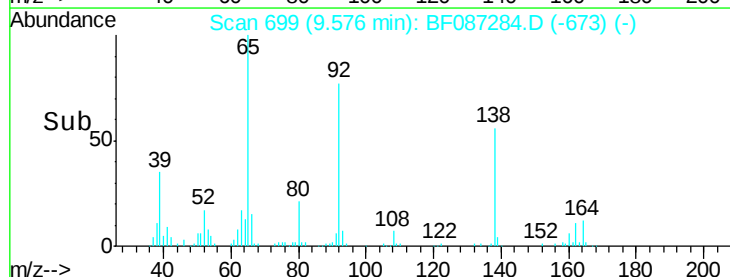
92 138.0 87.8 131.8#

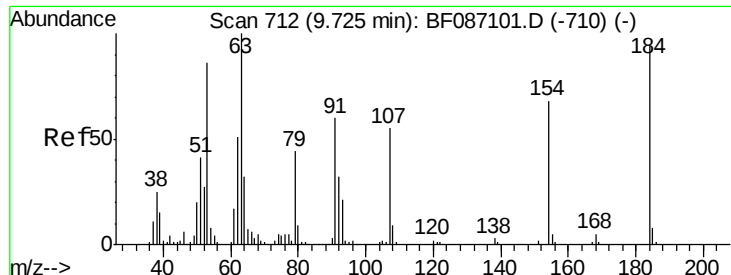


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

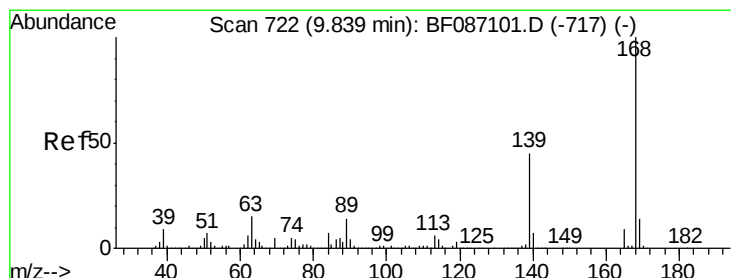
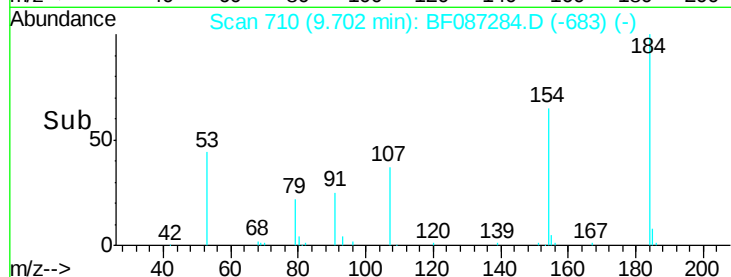
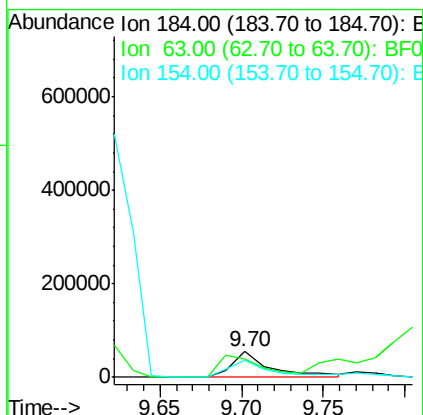
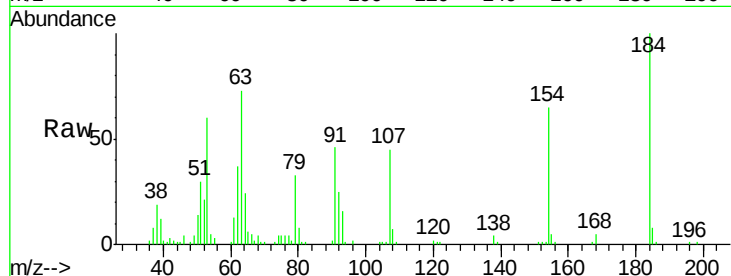




#53
2,4-Dinitrophenol
Concen: 38.47 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.01 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

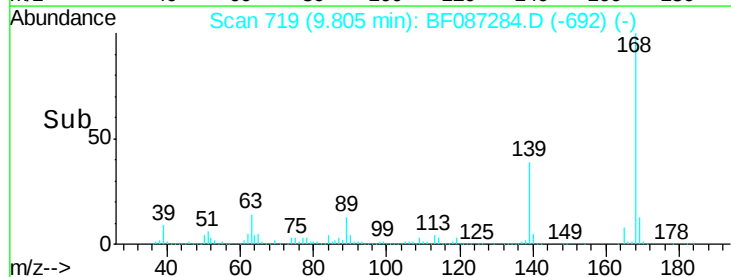
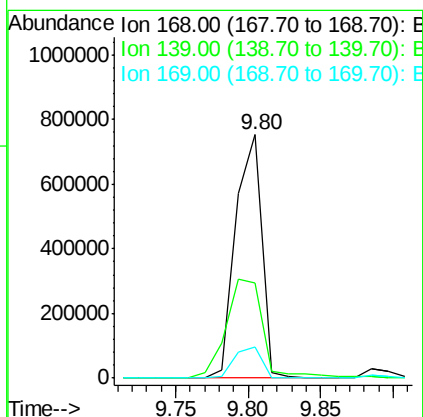
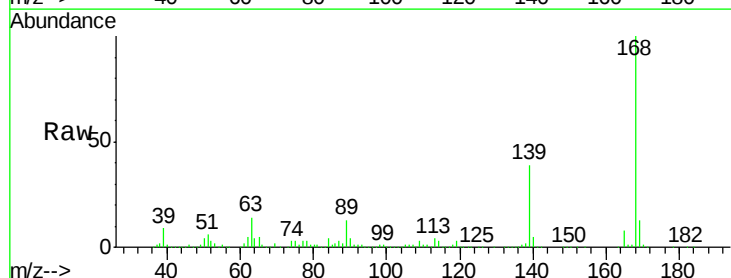
Instrument :
BNA_F
ClientSampleId :
PB90787BS

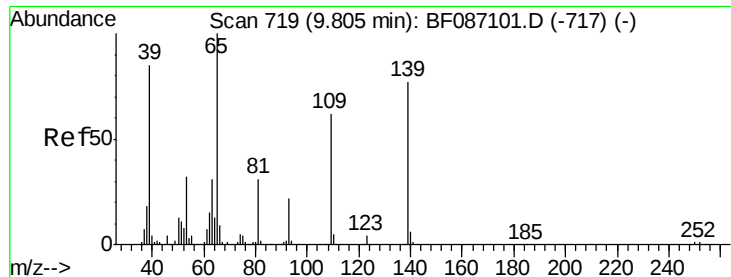
Tgt Ion:184 Resp: 91900
Ion Ratio Lower Upper
184 100
63 73.4 55.8 83.8
154 65.4 62.4 93.6



#54
Dibenzofuran
Concen: 44.43 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Tgt Ion:168 Resp: 942279
Ion Ratio Lower Upper
168 100
139 39.3 31.4 47.0
169 12.9 10.7 16.1

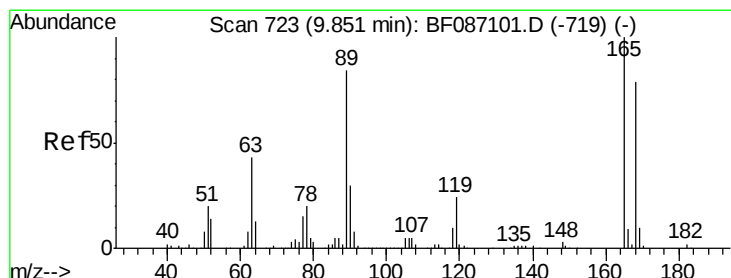
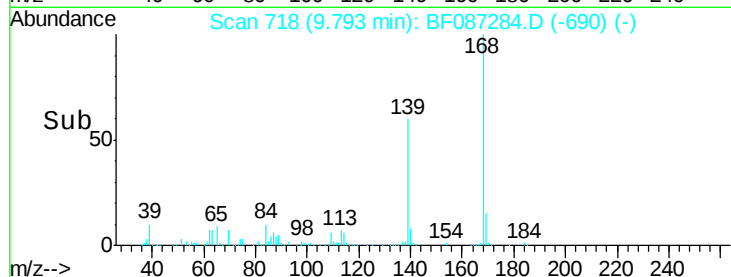
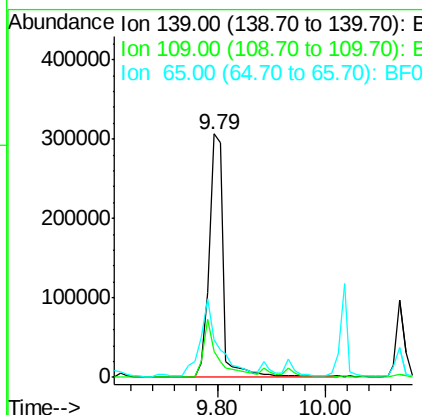
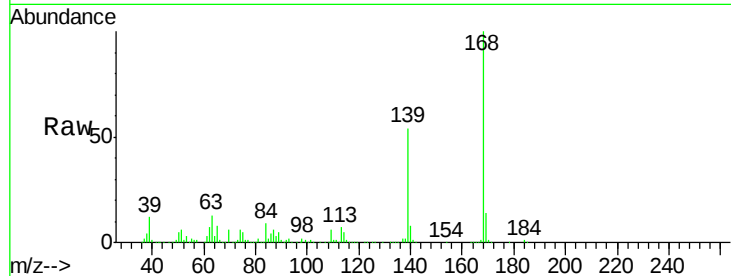




#55
4-Nitrophenol
Concen: 118.08 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.02 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

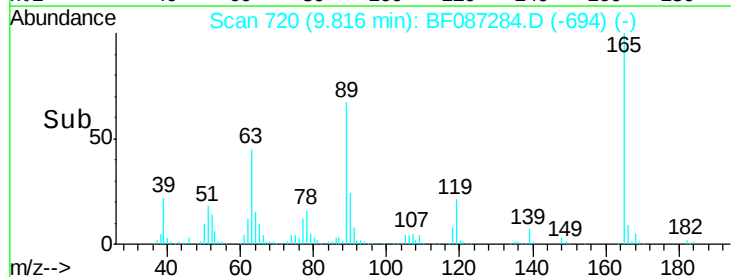
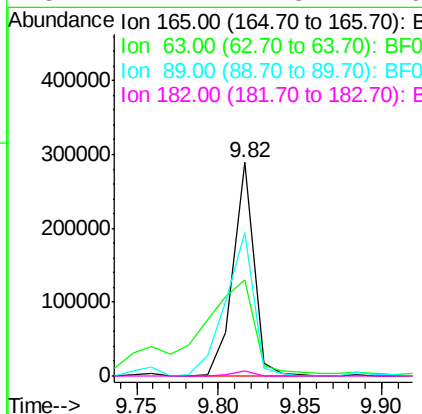
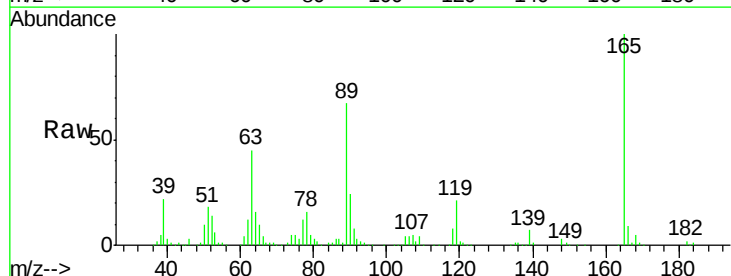
Instrument :
BNA_F
ClientSampleId :
PB90787BS

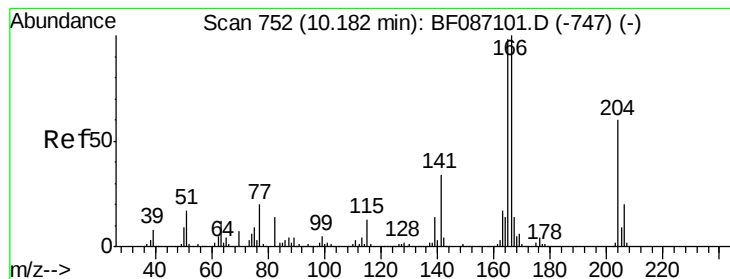
Tgt Ion:139 Resp: 564765
Ion Ratio Lower Upper
139 100
109 10.7 36.9 76.9#
65 15.5 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 44.72 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Tgt Ion:165 Resp: 256220
Ion Ratio Lower Upper
165 100
63 45.2 44.3 66.5
89 67.1 70.0 105.0#
182 2.4 1.8 2.6





#57

Fluorene

Concen: 39.57 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

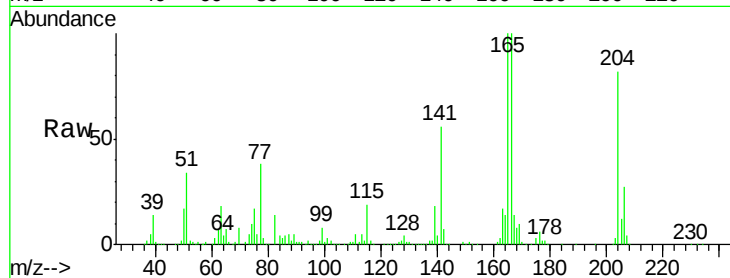
Tgt Ion:166 Resp: 674273

Ion Ratio Lower Upper

166 100

165 100.0 79.0 118.6

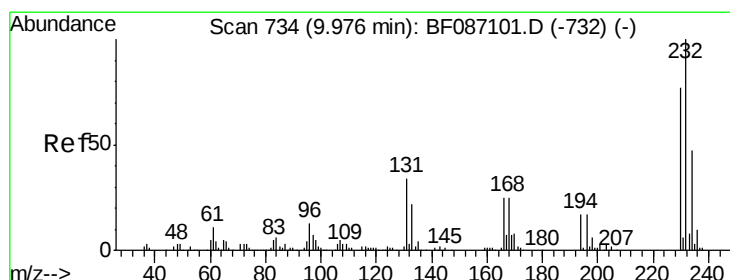
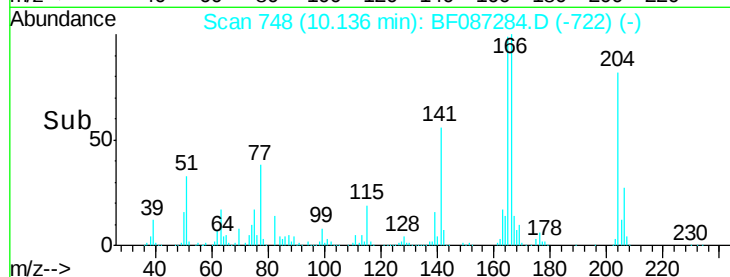
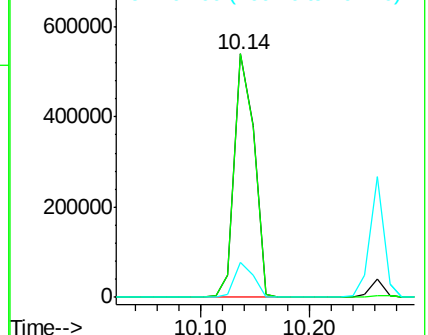
167 14.3 10.6 15.8



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: 42.68 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Tgt Ion:232 Resp: 176626

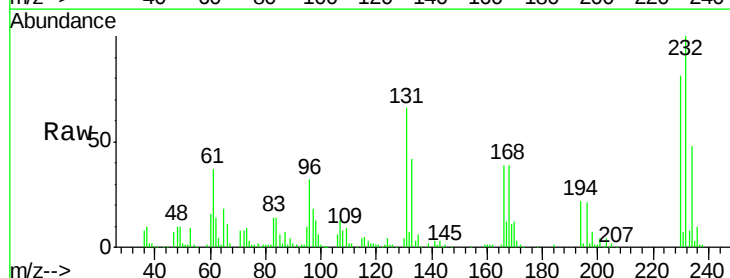
Ion Ratio Lower Upper

232 100

131 51.9 41.9 62.9

130 2.6 2.2 3.4

166 29.6 26.8 40.2

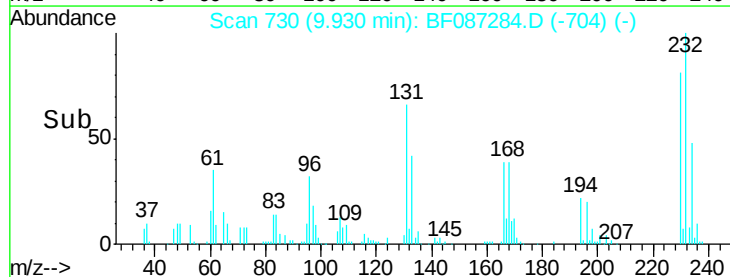
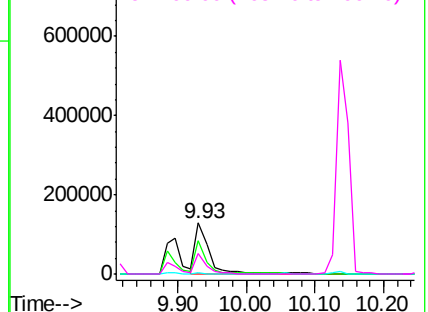


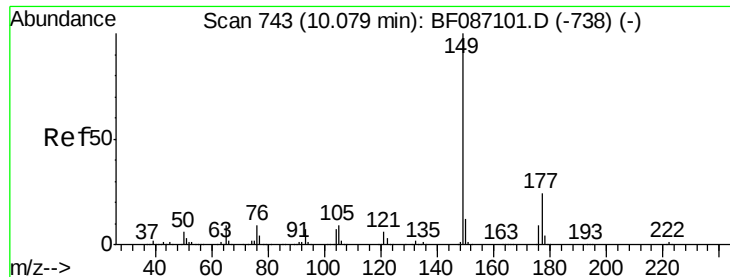
Abundance Ion 232.00 (231.70 to 232.70): E

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

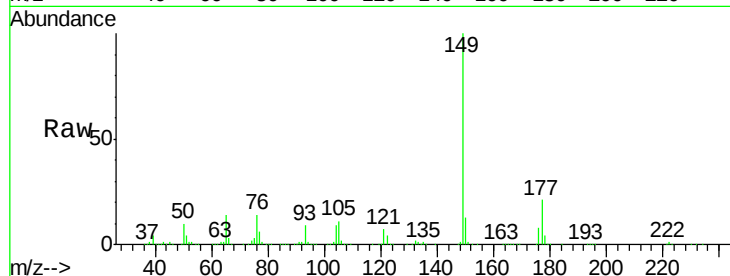




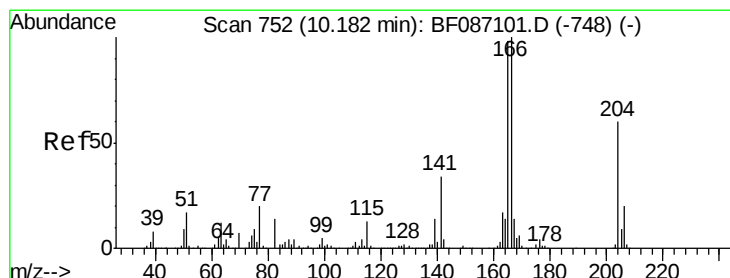
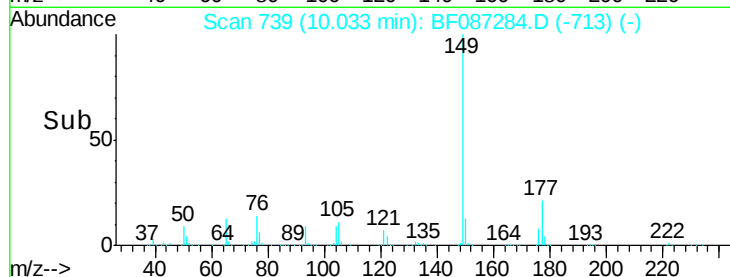
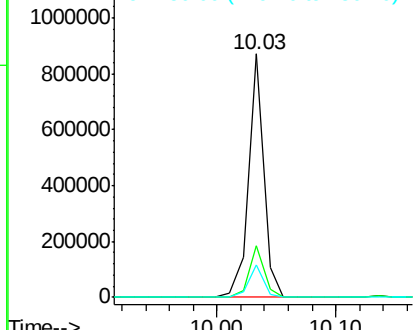
#59
Diethylphthalate
Concen: 39.89 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Instrument :
BNA_F
ClientSampleId :
PB90787BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.6	24.8
150	13.1	10.0	15.0

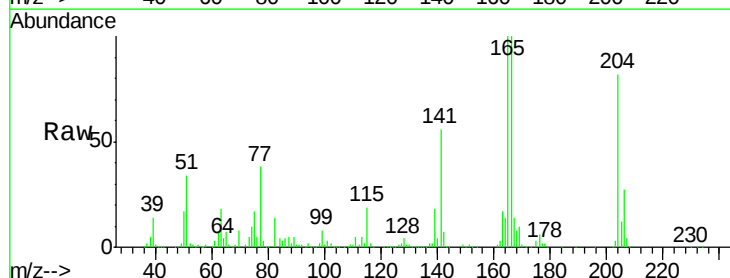


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

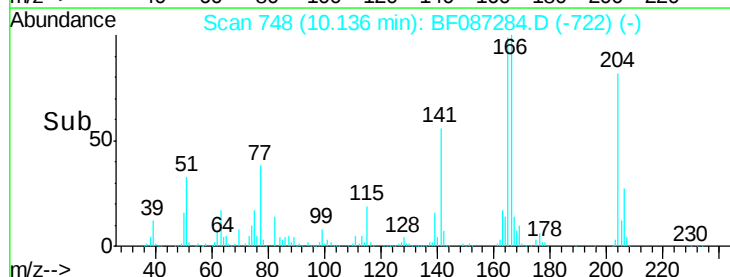
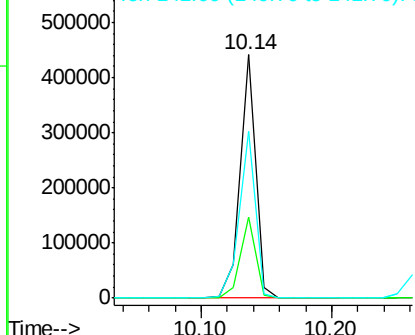


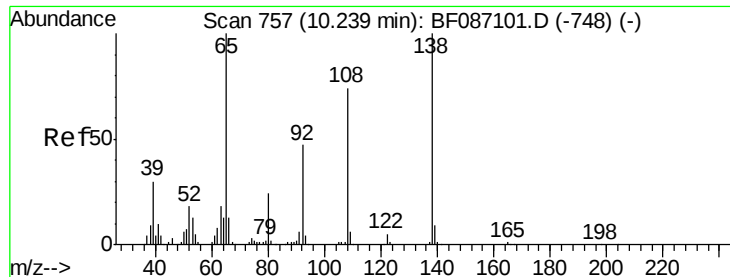
#60
4-Chlorophenyl-phenylether
Concen: 44.86 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.4	38.0
141	68.7	61.6	92.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.31 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

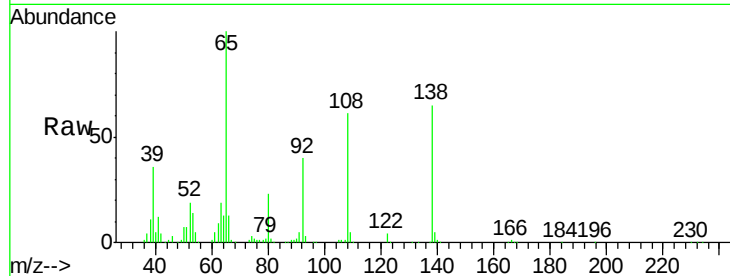
Tgt Ion:138 Resp: 149689

Ion Ratio Lower Upper

138 100

92 60.9 24.7 64.7

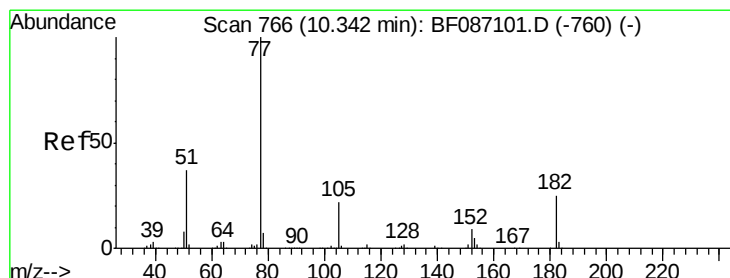
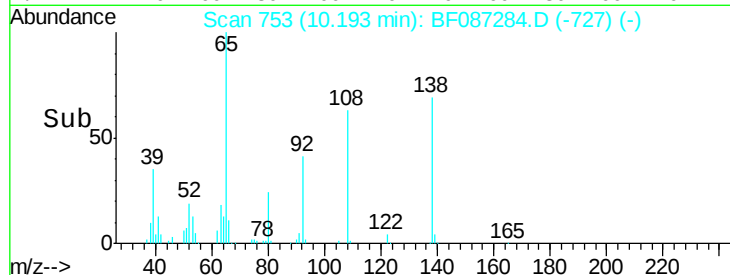
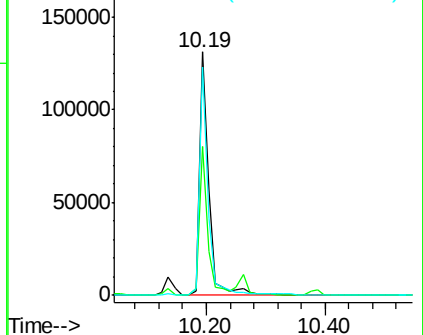
108 93.9 37.4 77.4#



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: 46.65 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Tgt Ion: 77 Resp: 1057287

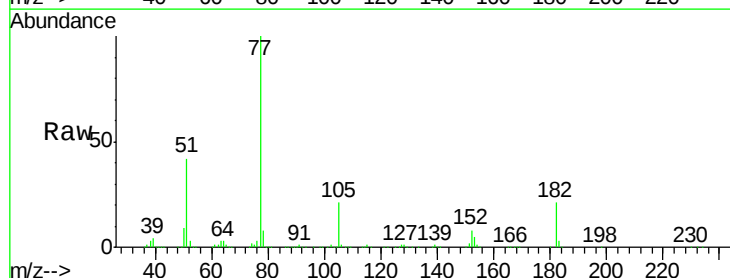
Ion Ratio Lower Upper

77 100

182 21.0 0.0 38.8

105 21.0 3.2 43.2

51 41.6 8.8 48.8

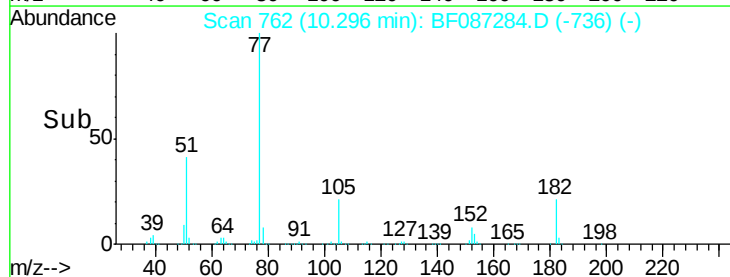
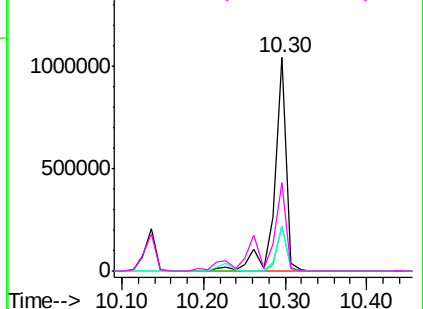


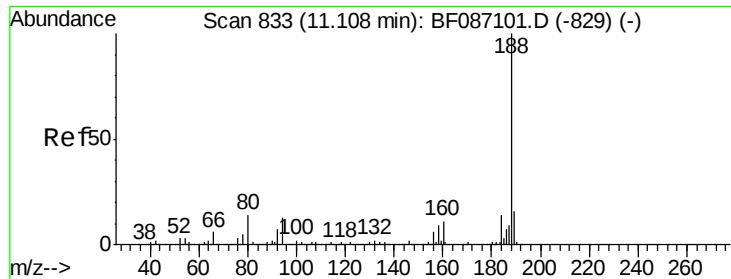
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

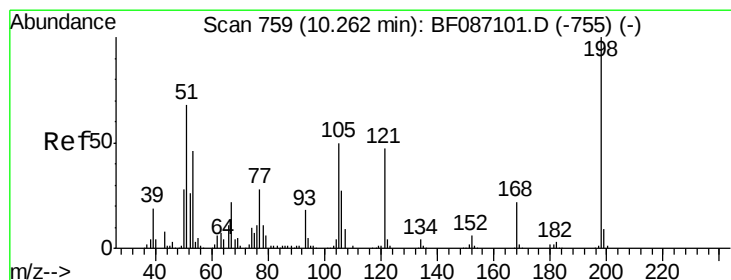
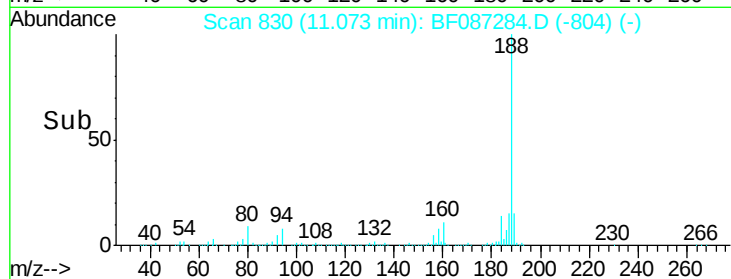
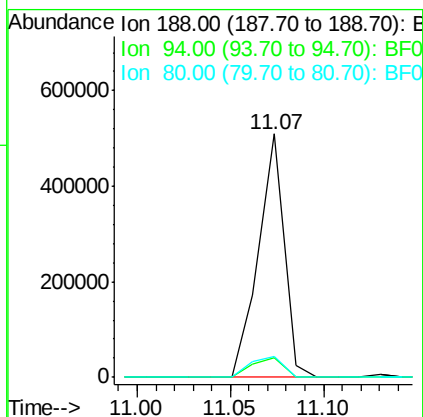
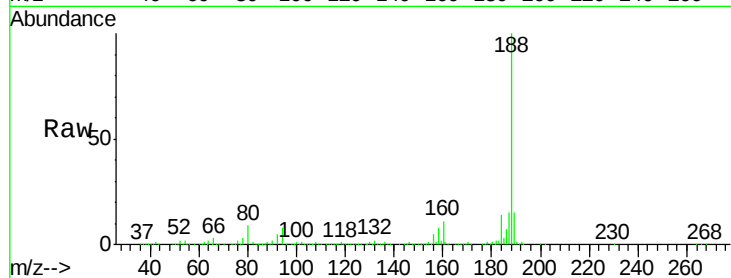




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

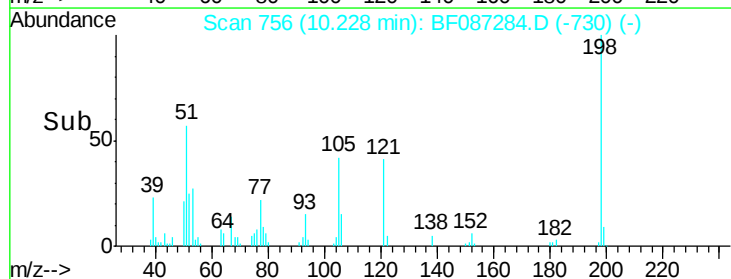
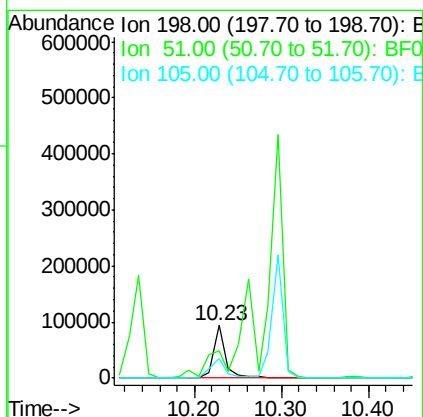
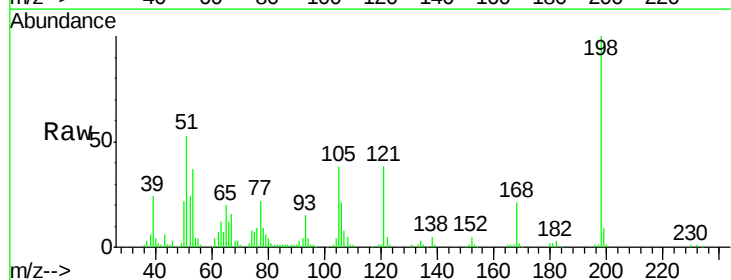
Instrument :
BNA_F
ClientSampleId :
PB90787BS

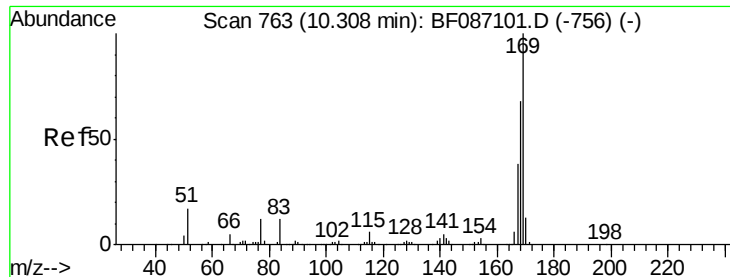
Tgt Ion:188 Resp: 487450
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.6 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 29.66 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Tgt Ion:198 Resp: 95216
Ion Ratio Lower Upper
198 100
51 52.8 20.5 60.5
105 38.0 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 41.85 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

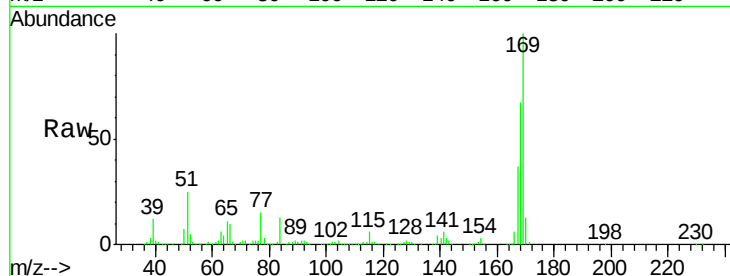
Tgt Ion:169 Resp: 641983

Ion Ratio Lower Upper

169 100

168 67.5 53.8 80.6

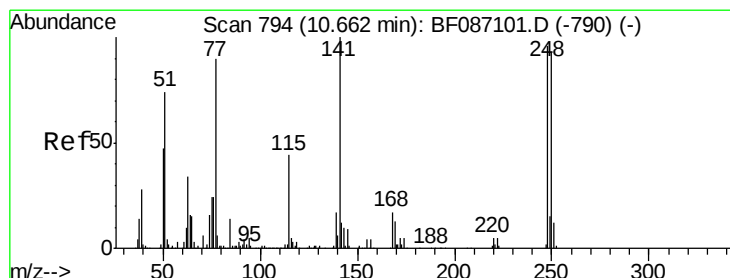
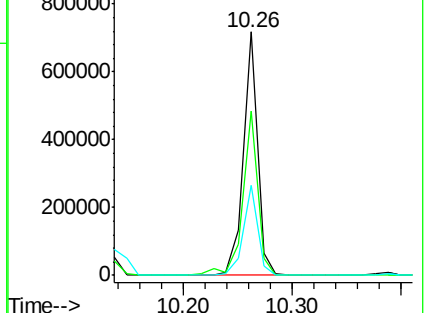
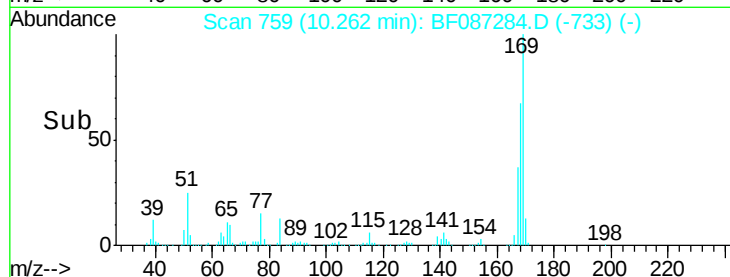
167 37.2 29.5 44.3



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: 39.94 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

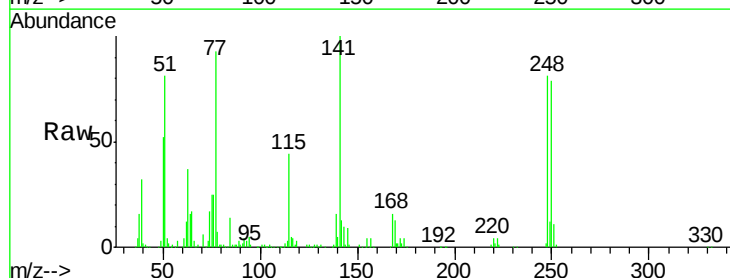
Tgt Ion:248 Resp: 200187

Ion Ratio Lower Upper

248 100

250 97.7 78.6 117.8

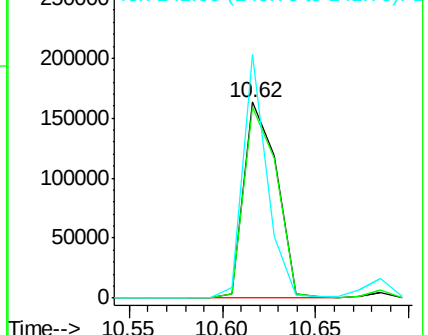
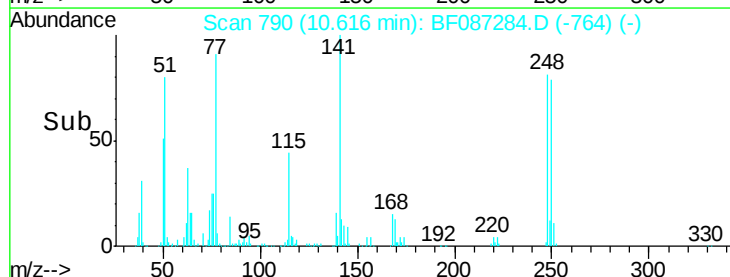
141 124.2 76.0 114.0#

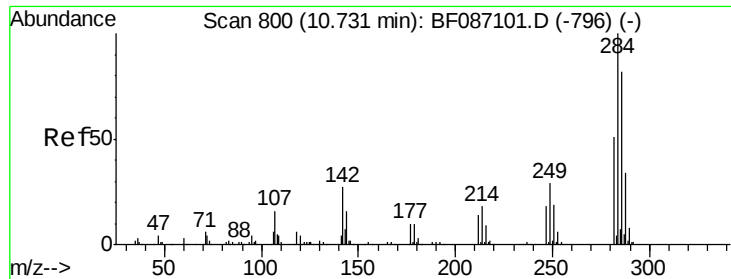


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.72 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

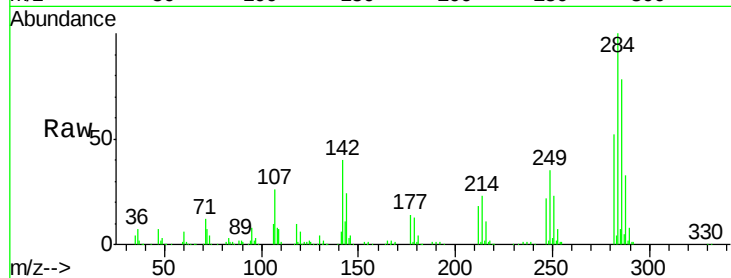
Tgt Ion:284 Resp: 219215

Ion Ratio Lower Upper

284 100

142 40.4 16.7 25.1#

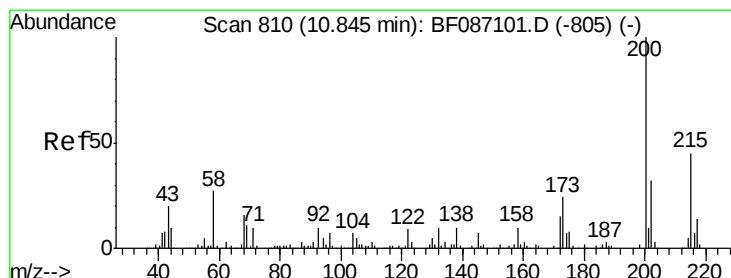
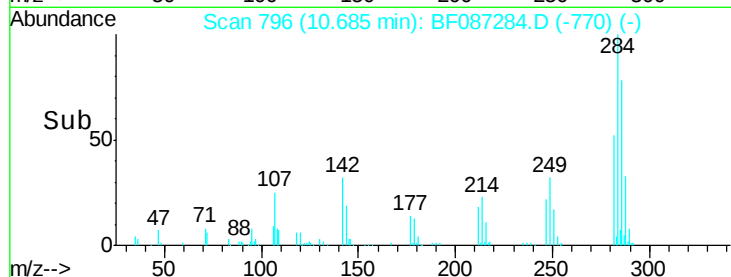
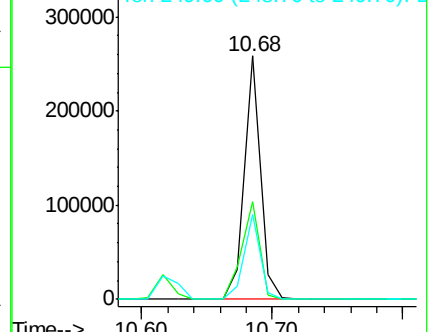
249 34.7 21.3 31.9#



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: 45.20 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

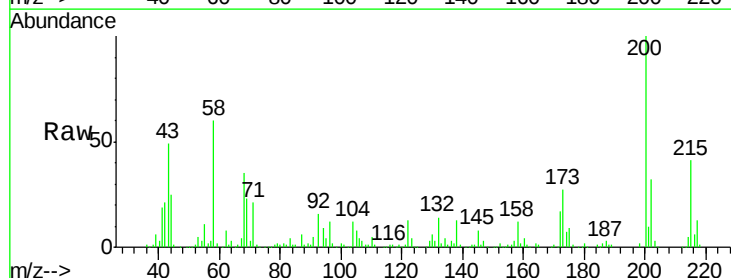
Tgt Ion:200 Resp: 226159

Ion Ratio Lower Upper

200 100

173 26.8 8.5 48.5

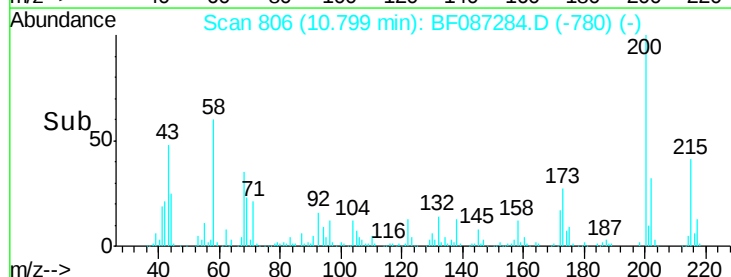
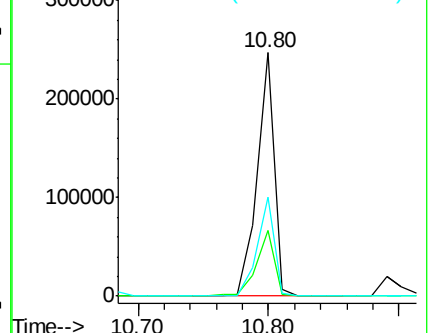
215 40.9 27.2 67.2

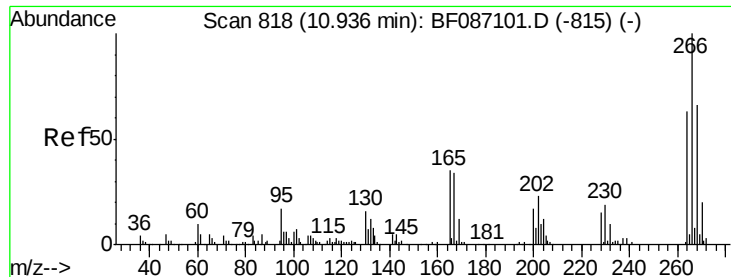


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

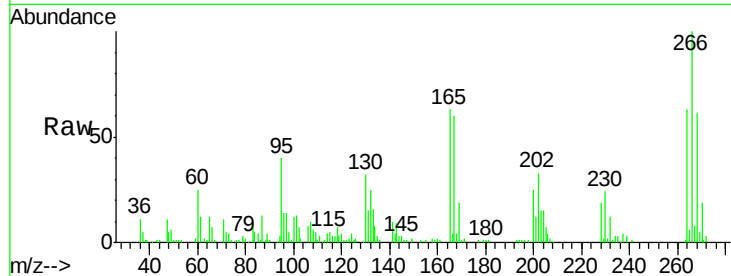




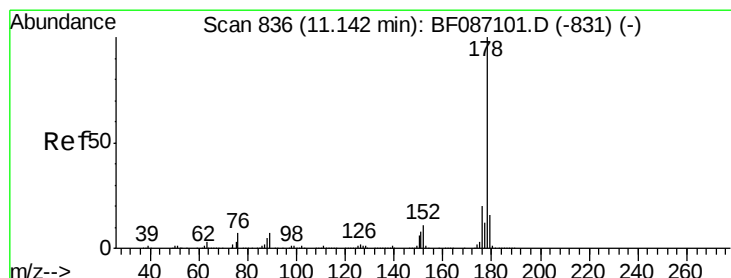
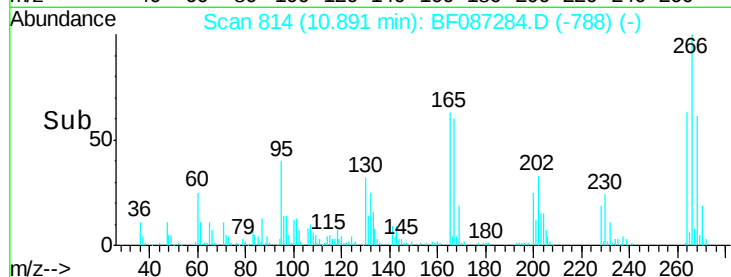
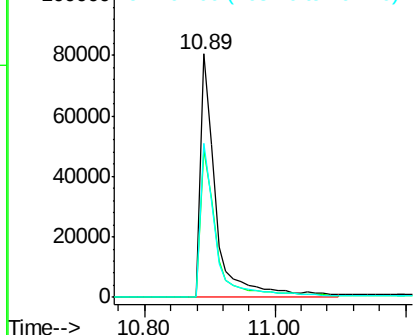
#69
 Pentachlorophenol
 Concen: 60.94 ng
 RT: 10.89 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90787BS

Tgt Ion:266 Resp: 133038
 Ion Ratio Lower Upper
 266 100
 268 60.9 51.5 77.3
 264 63.3 52.9 79.3

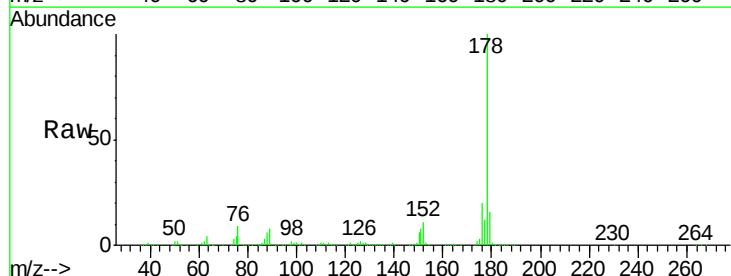


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

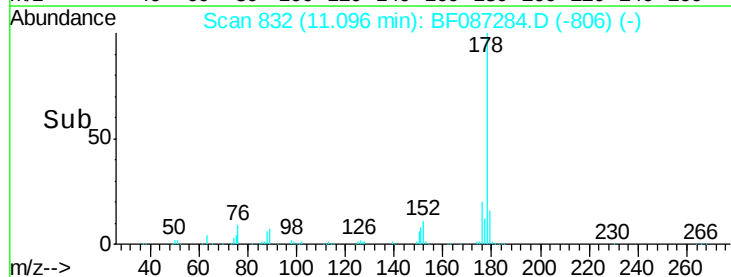
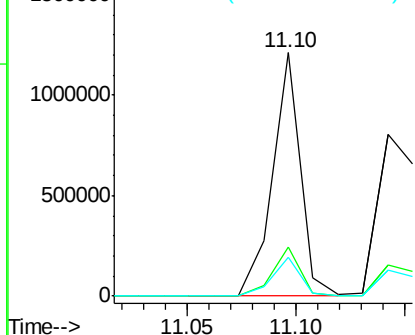


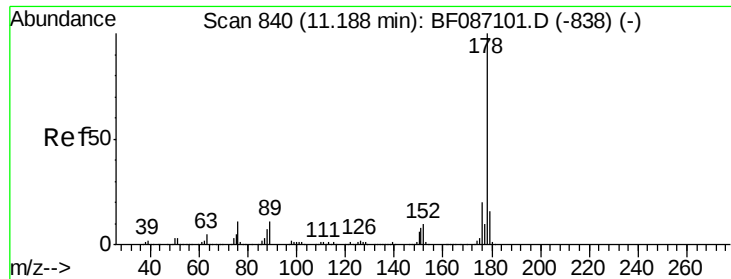
#70
 Phenanthrene
 Concen: 41.23 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Tgt Ion:178 Resp: 1089923
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 15.7 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

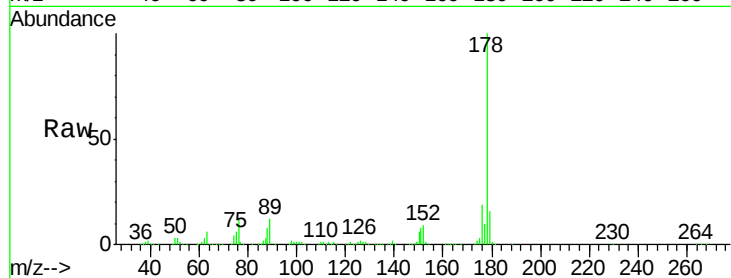




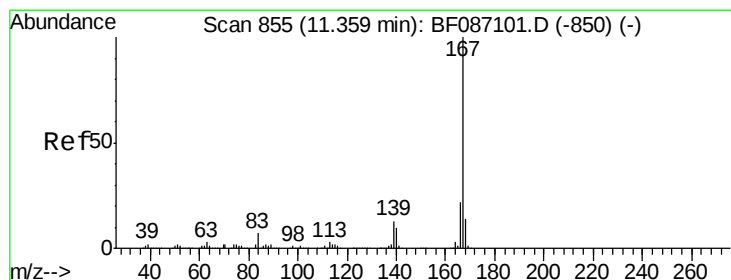
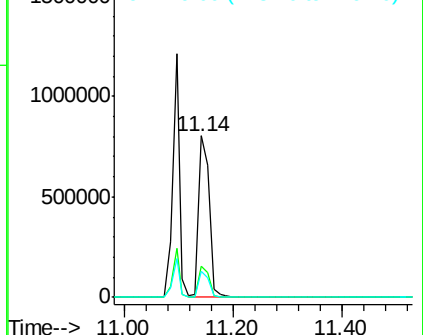
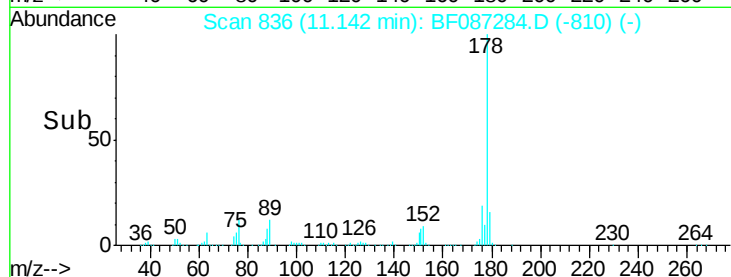
#71
 Anthracene
 Concen: 39.86 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90787BS

Tgt Ion:178 Resp: 1065903
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 16.2 12.7 19.1

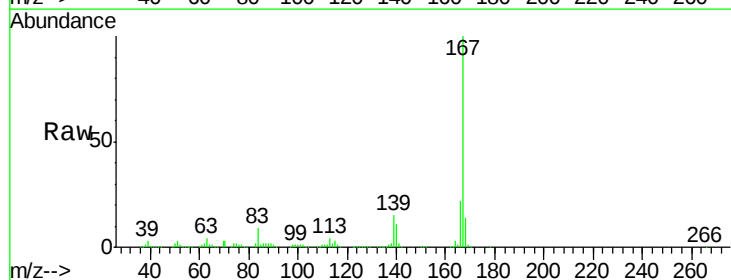


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

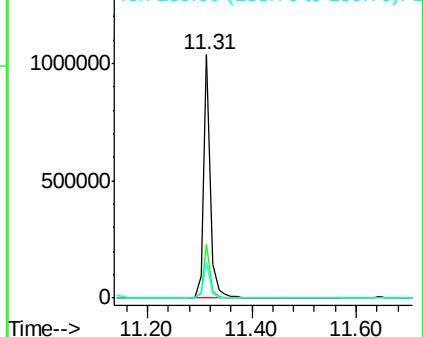
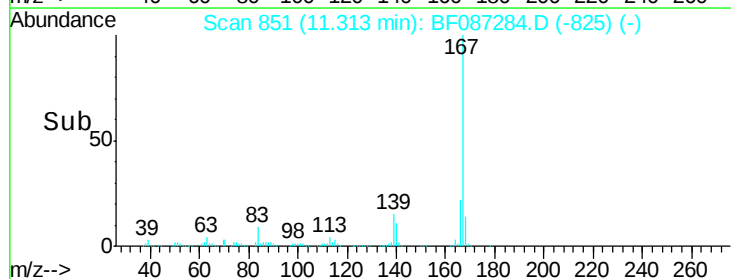


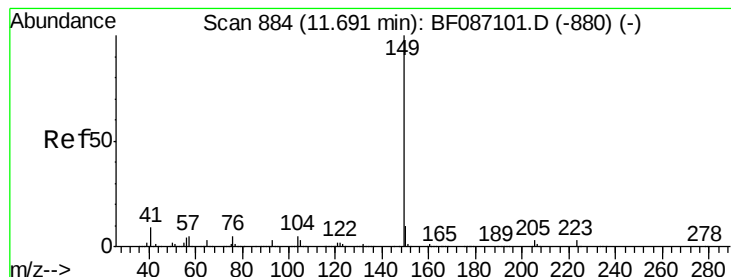
#72
 Carbazole
 Concen: 38.42 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Tgt Ion:167 Resp: 938430
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 14.8 10.8 16.2



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





#73

Di-n-butylphthalate

Concen: 46.19 ng

RT: 11.64 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

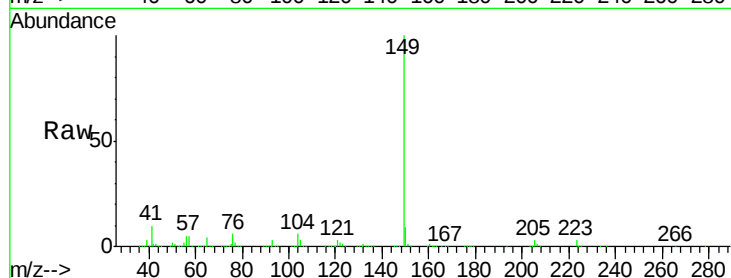
Tgt Ion:149 Resp: 1295839

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

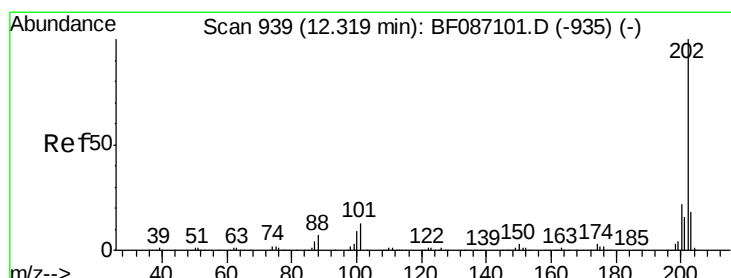
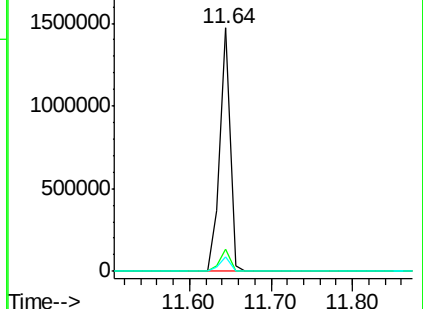
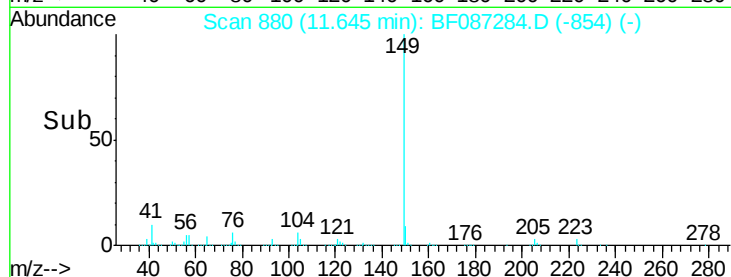
104 5.7 3.8 5.6#



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: 38.28 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

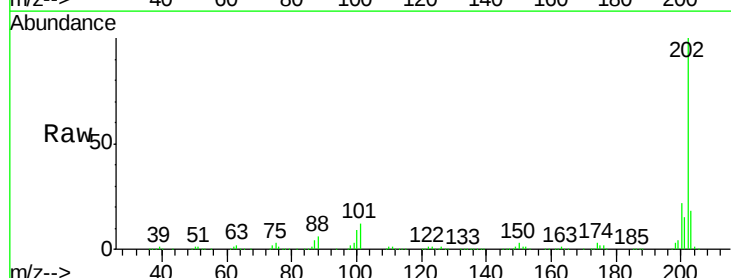
Tgt Ion:202 Resp: 1013877

Ion Ratio Lower Upper

202 100

101 12.0 0.0 35.4

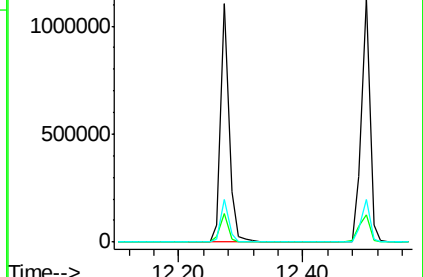
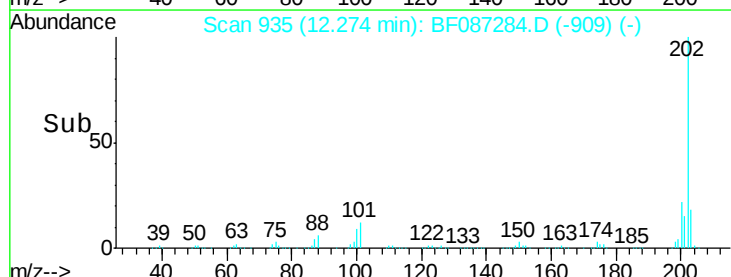
203 18.0 0.0 38.1

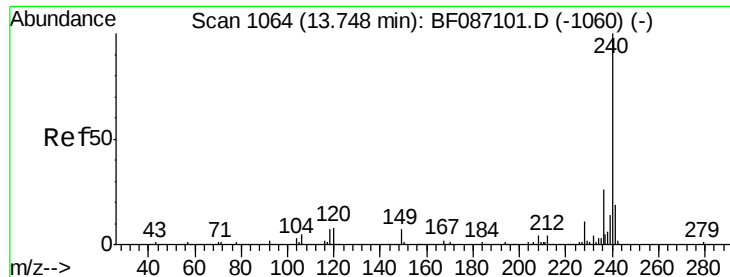


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.70 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

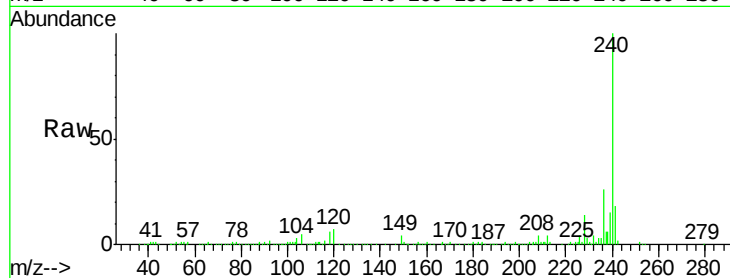
Tgt Ion:240 Resp: 302407

Ion Ratio Lower Upper

240 100

120 7.1 11.2 16.8#

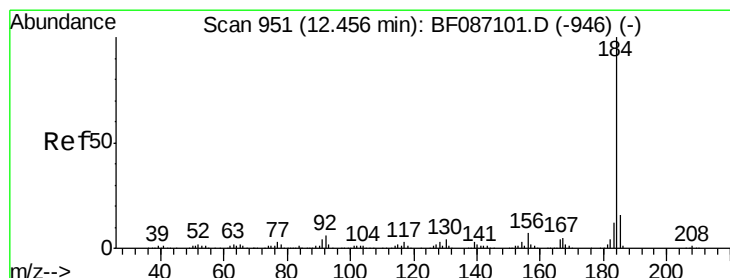
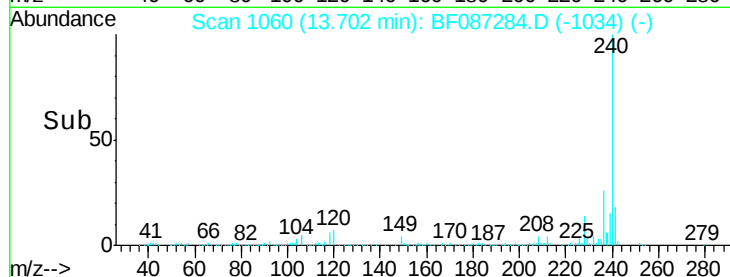
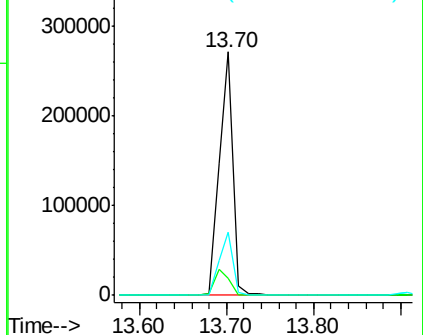
236 25.8 21.2 31.8



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: 31.61 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

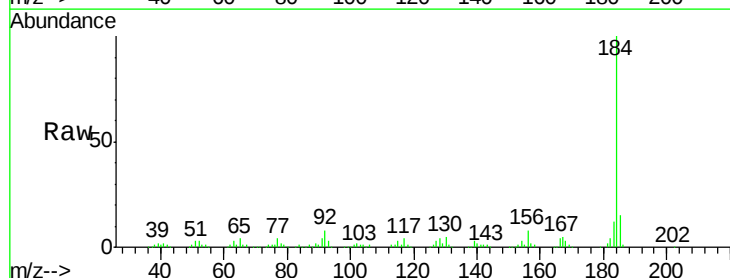
Tgt Ion:184 Resp: 288146

Ion Ratio Lower Upper

184 100

185 14.7 13.6 20.4

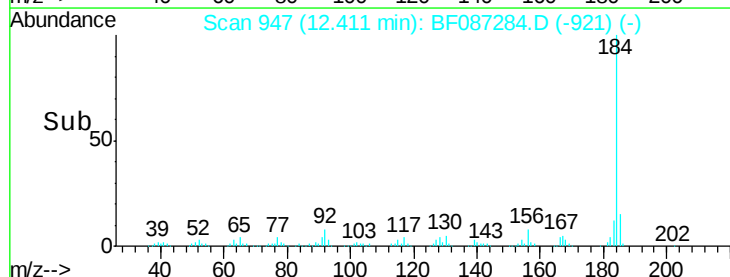
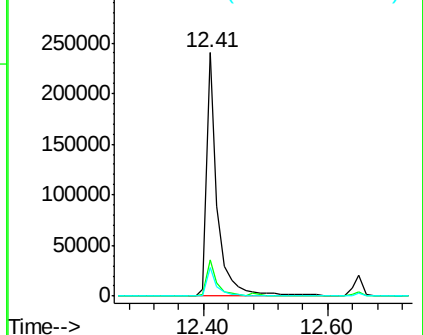
183 11.6 9.8 14.6

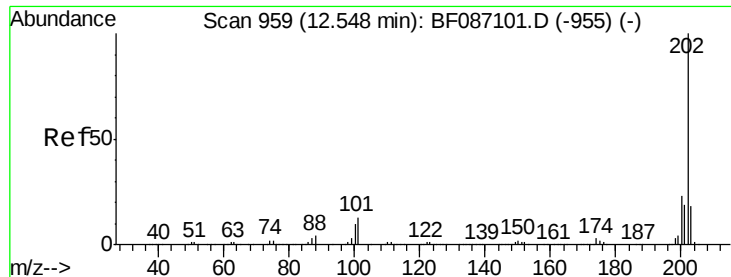


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

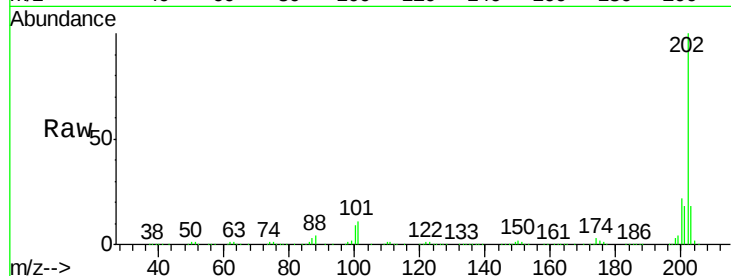




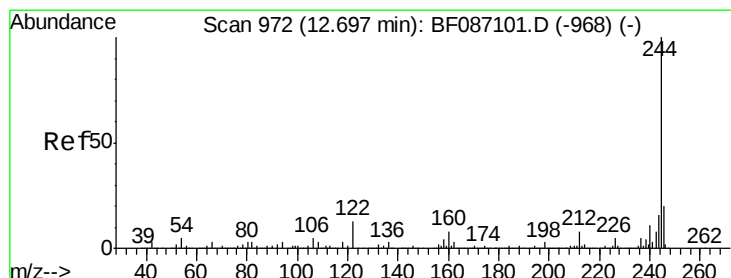
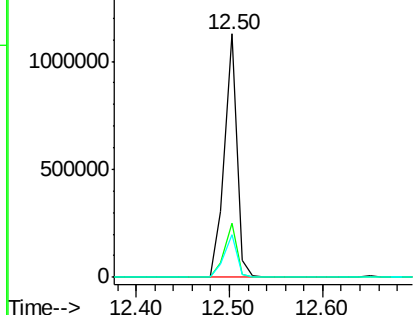
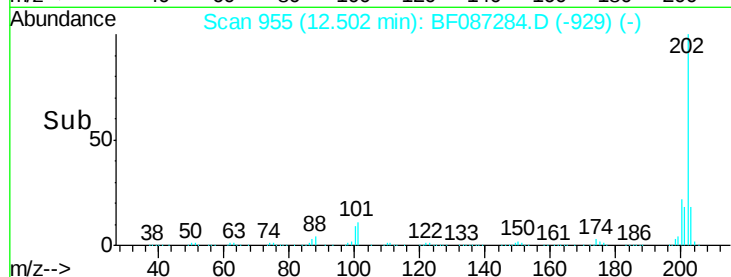
#77
 Pyrene
 Concen: 48.07 ng
 RT: 12.50 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90787BS

Tgt Ion: 202 Resp: 1050055
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.7 26.5
 203 17.7 14.2 21.4

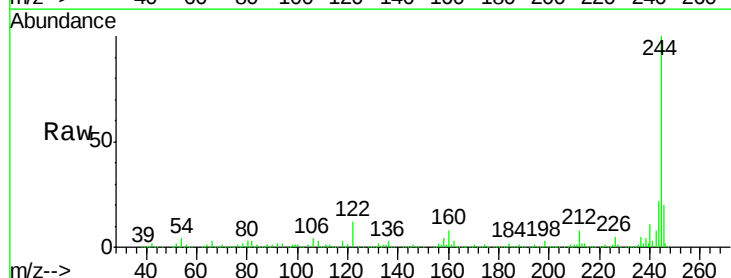


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

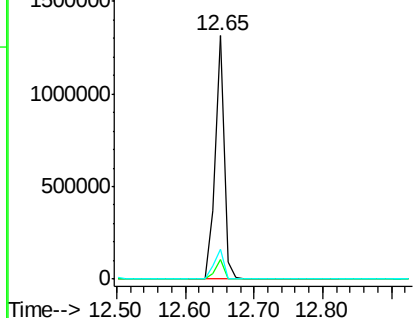
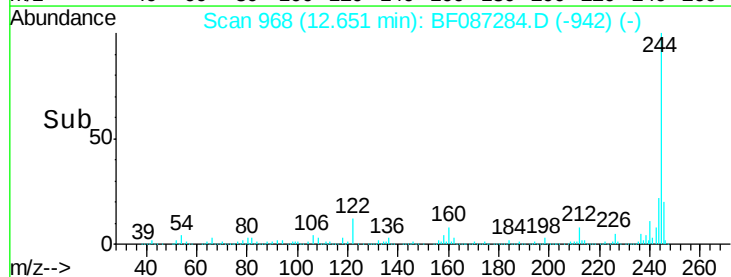


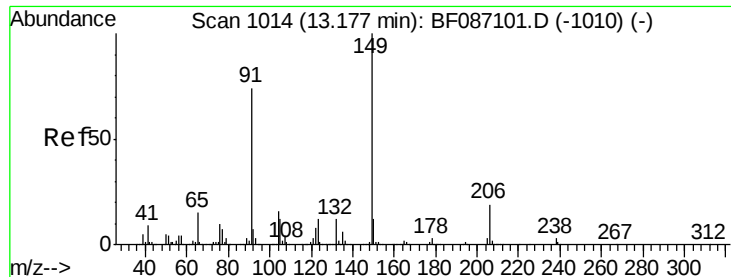
#78
 Terphenyl-d14
 Concen: 92.31 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Tgt Ion: 244 Resp: 1233993
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 12.3 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

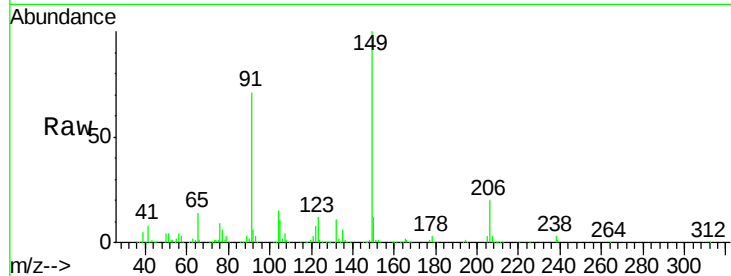




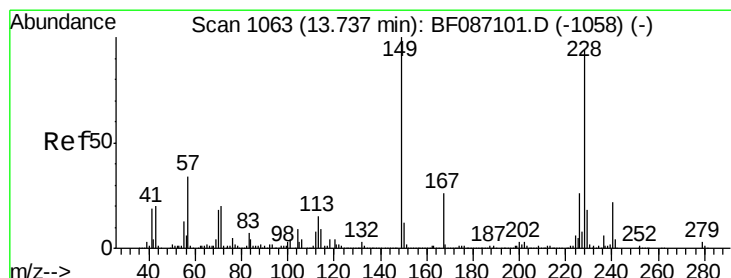
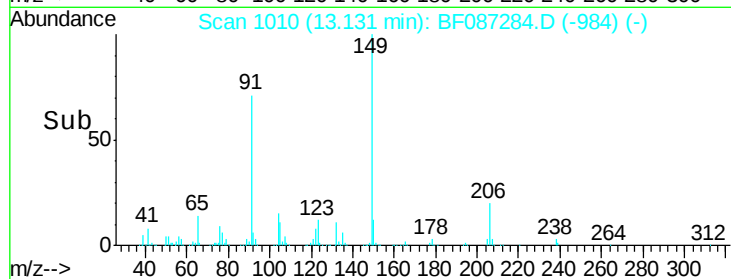
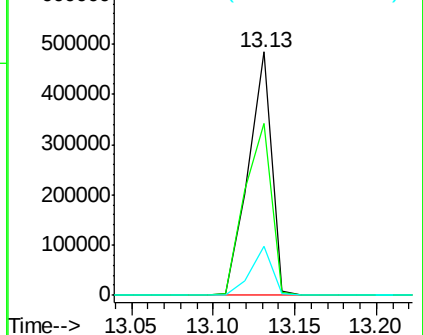
#79
Butylbenzylphthalate
Concen: 52.16 ng
RT: 13.13 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Instrument :
BNA_F
ClientSampleId :
PB90787BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	48.0	72.0
206	20.0	15.8	23.6

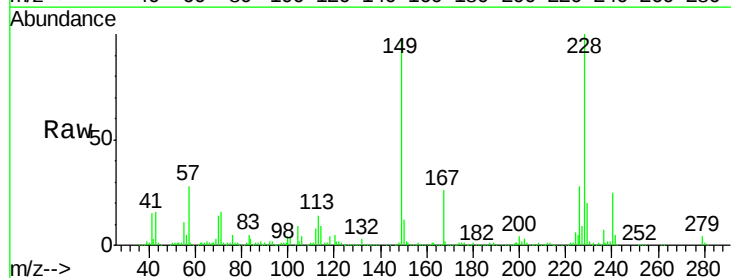


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

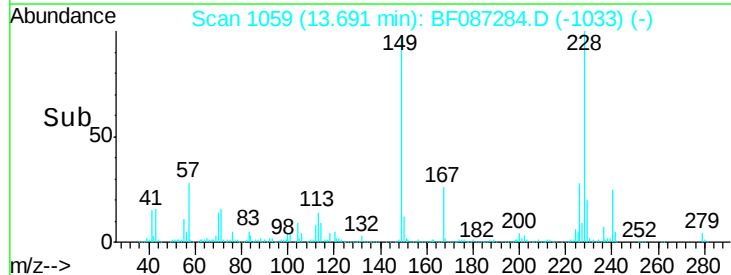
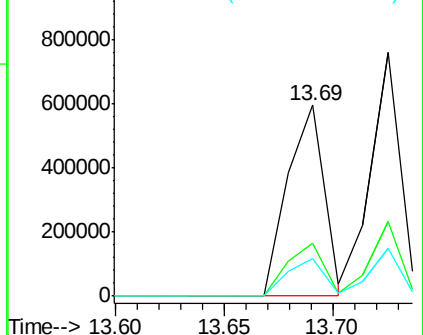


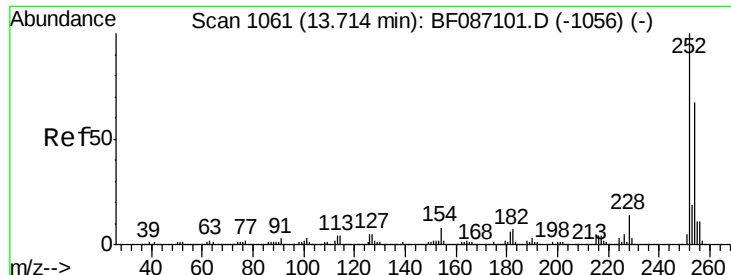
#80
Benzo(a)anthracene
Concen: 40.07 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.5	33.7
229	19.7	16.6	25.0



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

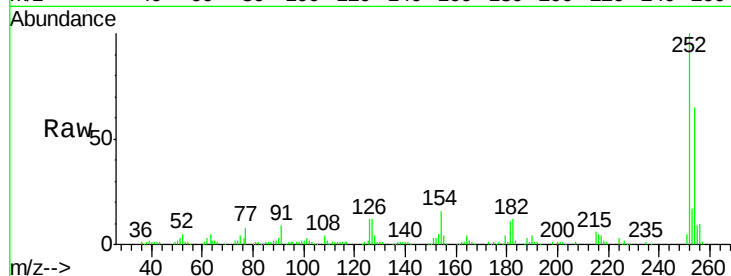




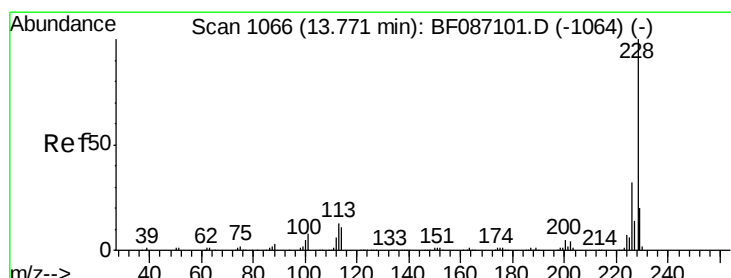
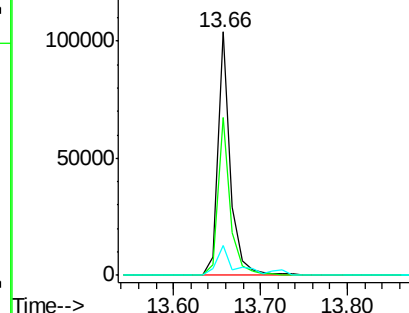
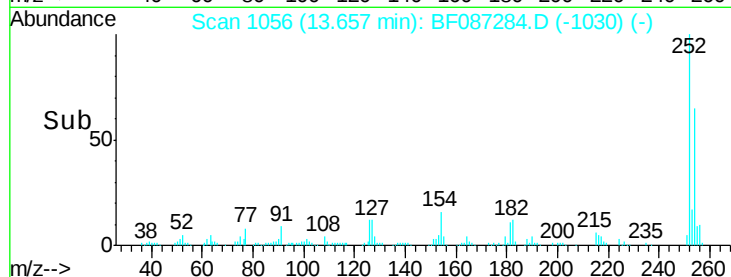
#81
 3,3'-Dichlorobenzidine
 Concen: 9.49 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90787BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.7	76.1
126	12.2	12.7	19.1#

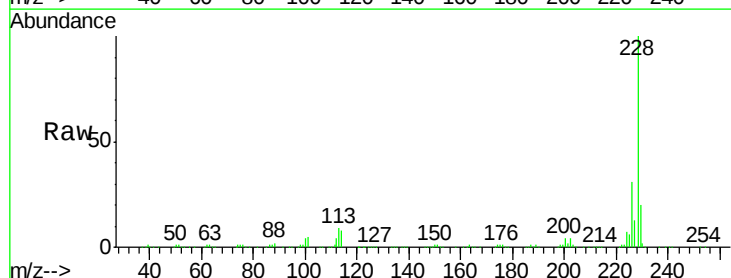


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

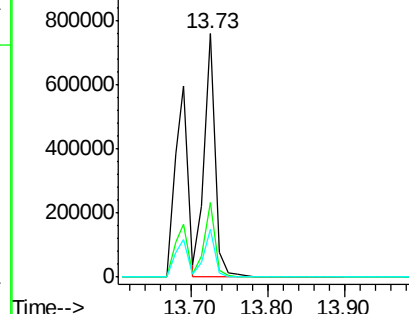
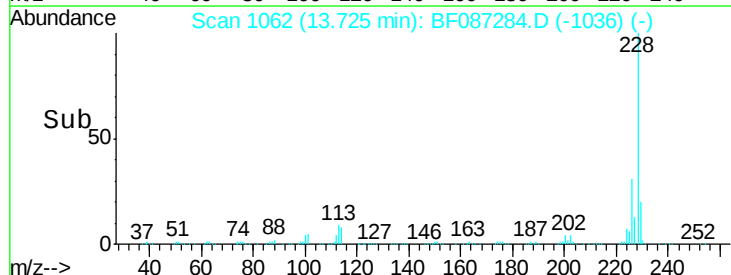


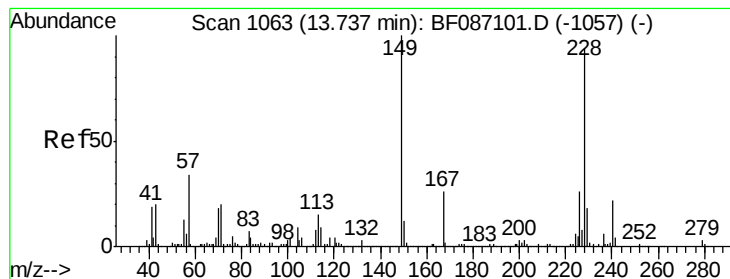
#82
 Chrysene
 Concen: 44.18 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	19.6	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: 55.94 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

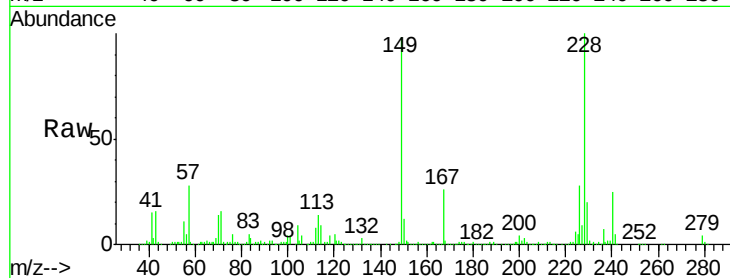
Tgt Ion:149 Resp: 627836

Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.6

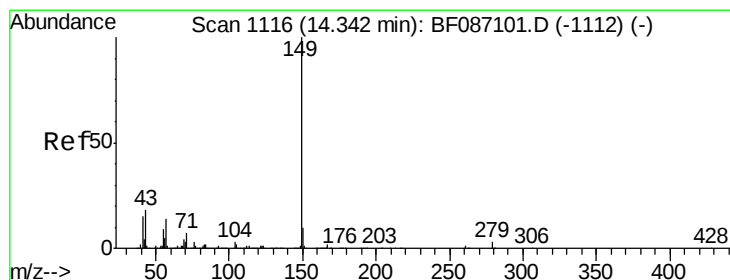
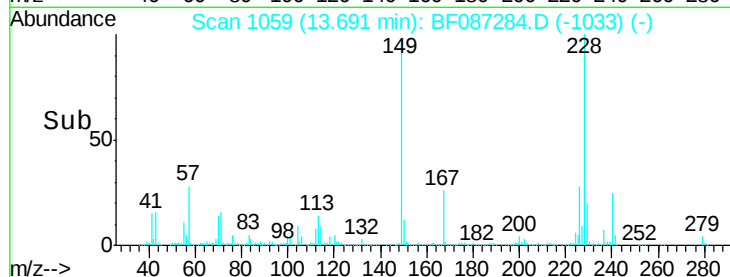
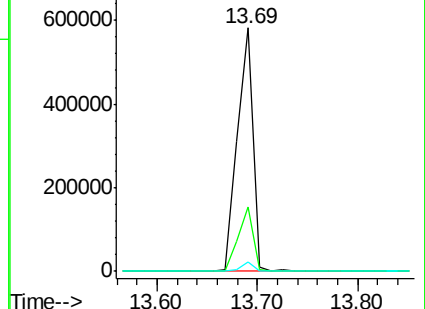
279 4.0 2.6 4.0#



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: 49.75 ng

RT: 14.30 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

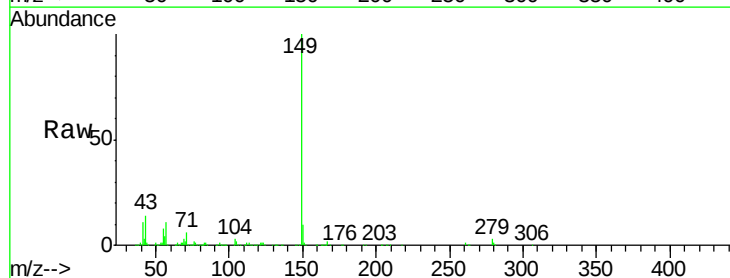
Tgt Ion:149 Resp: 961981

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

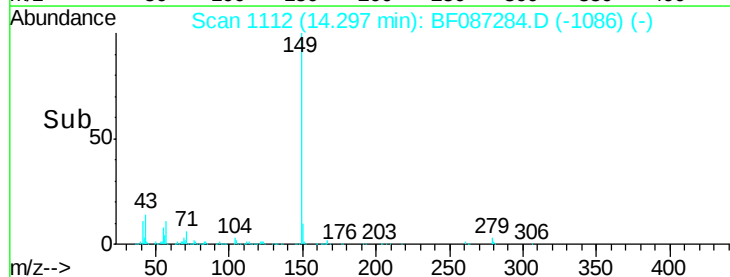
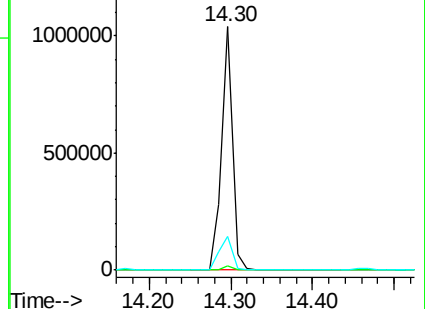
43 16.6 8.2 12.4#

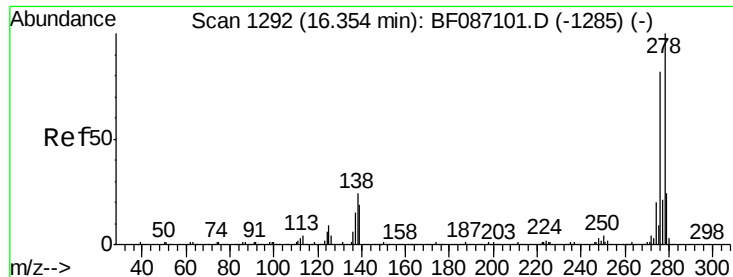


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

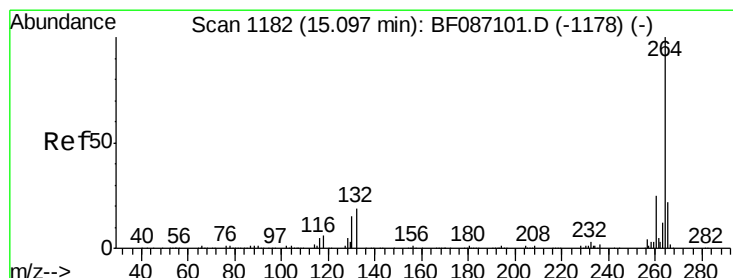
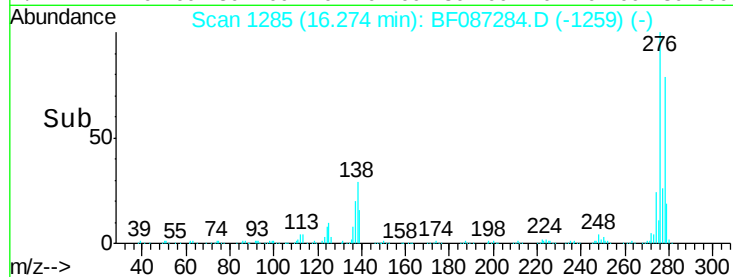
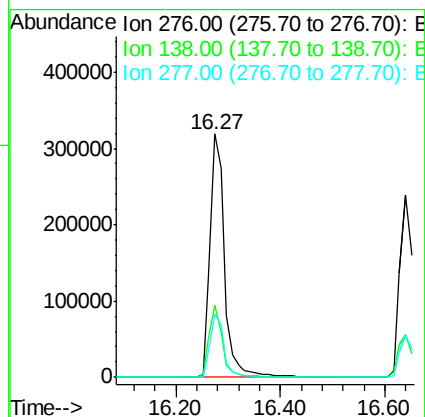
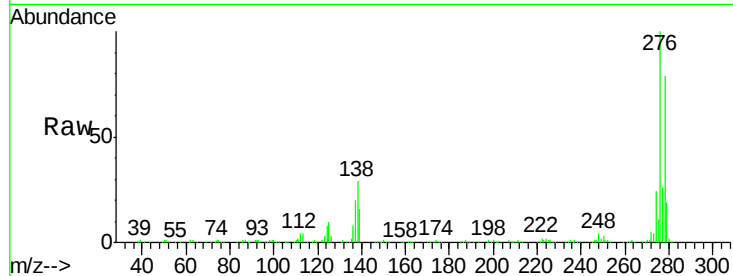




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.70 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

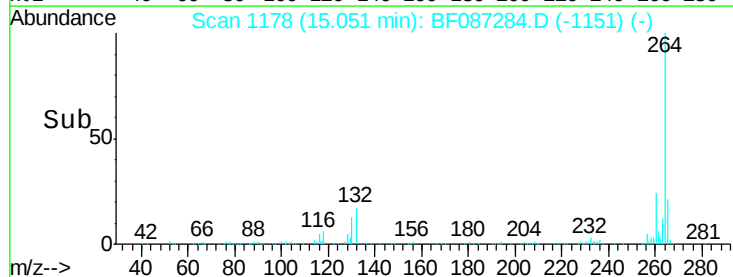
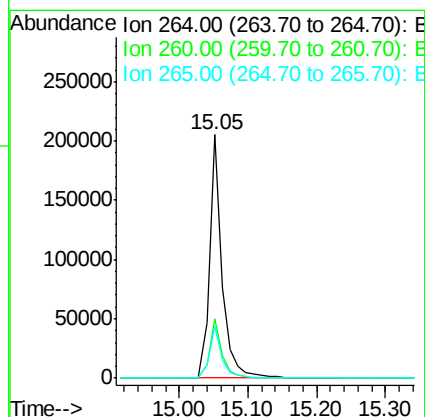
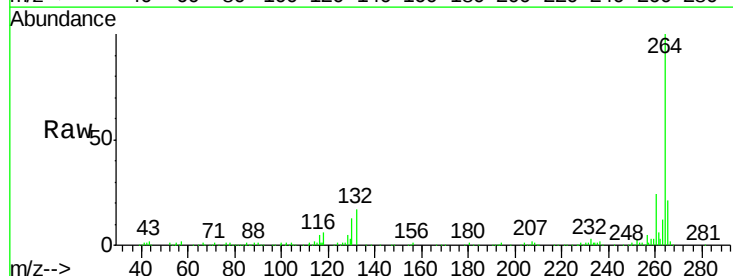
Instrument :
 BNA_F
 ClientSampleId :
 PB90787BS

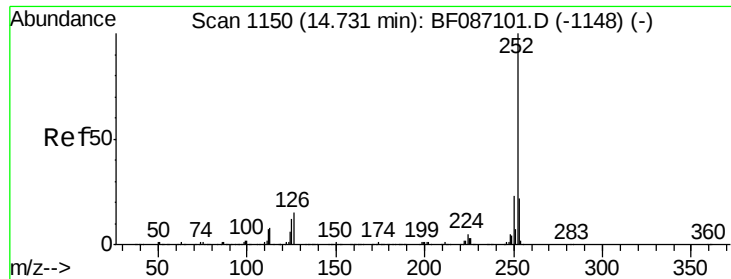
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	25.6	38.4
277	25.4	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 72.10 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

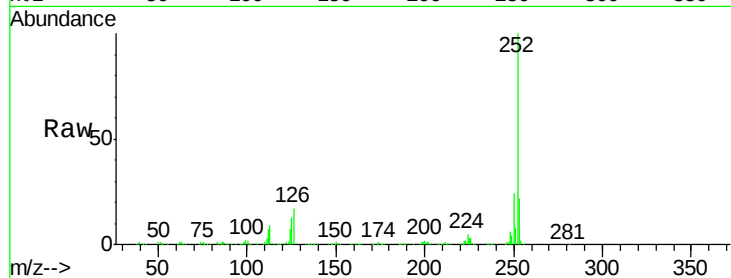
Tgt Ion:252 Resp: 1243173

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

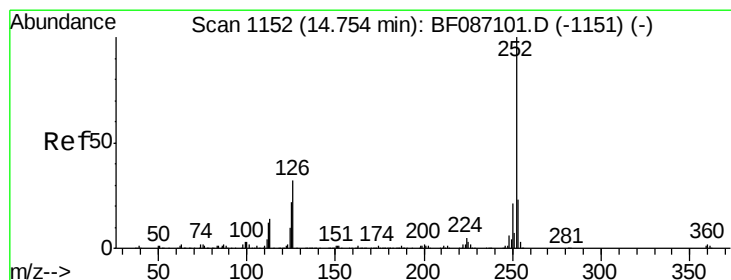
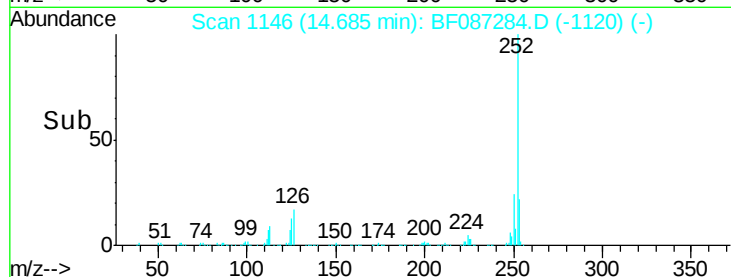
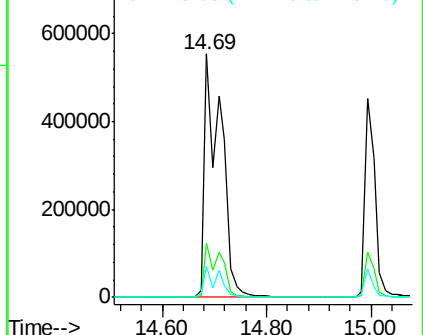
125 12.7 11.4 17.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 96.84 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

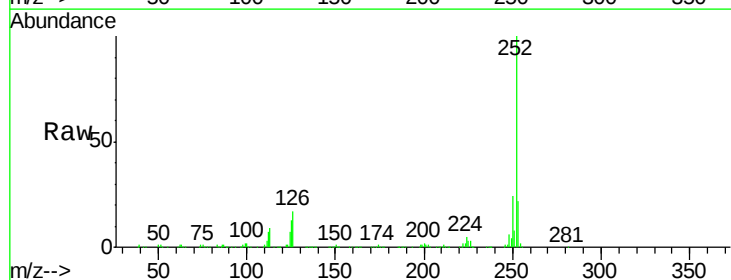
Tgt Ion:252 Resp: 1243173

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

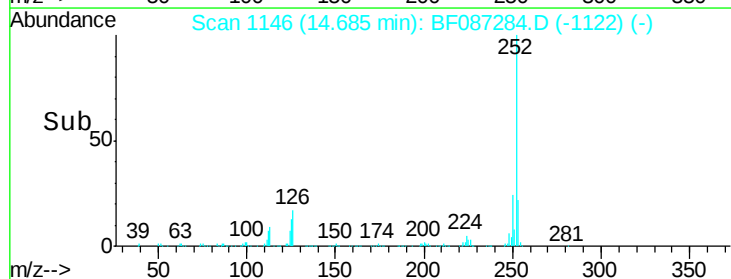
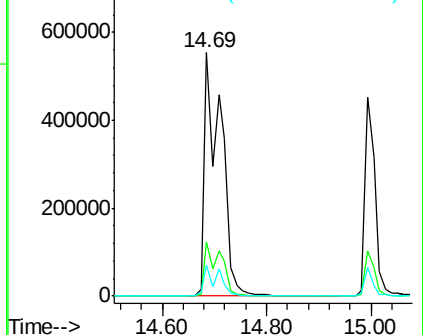
125 12.7 9.1 13.7

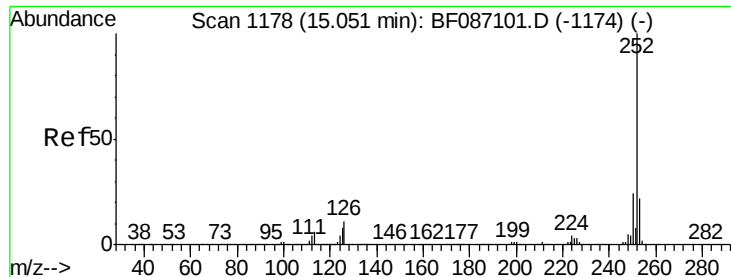


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

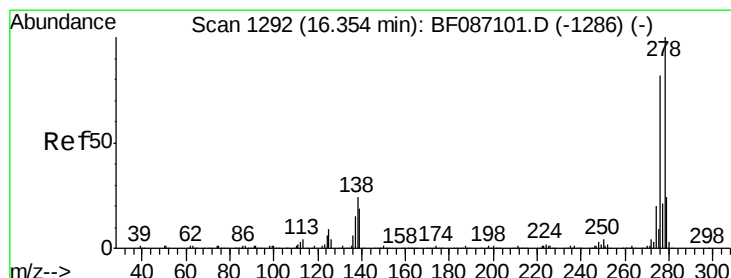
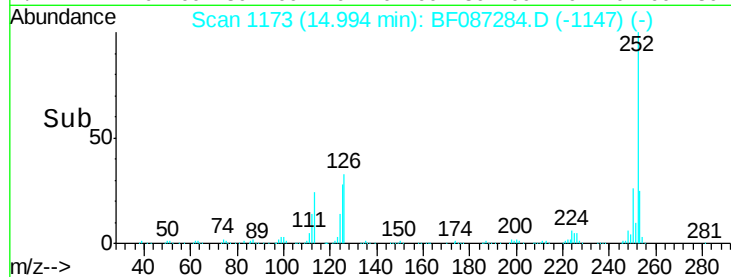
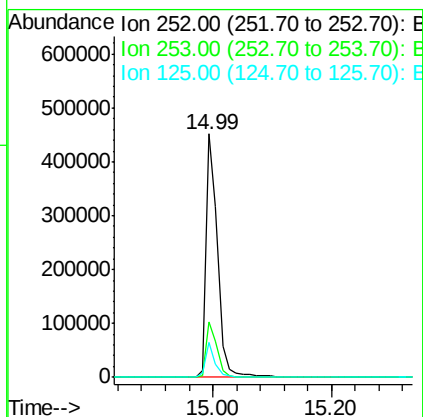
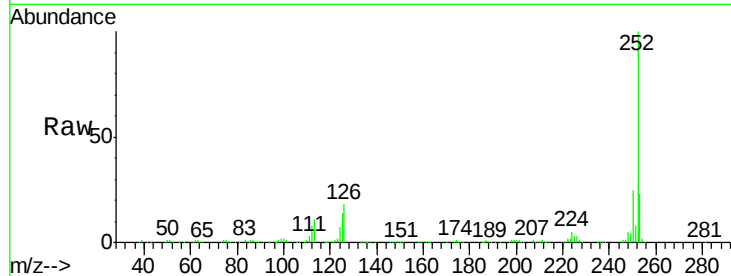




#89
Benzo(a)pyrene
Concen: 41.78 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

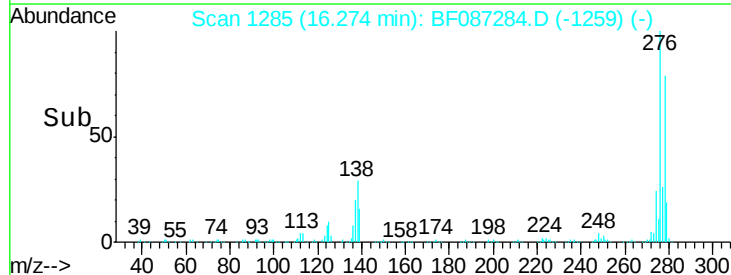
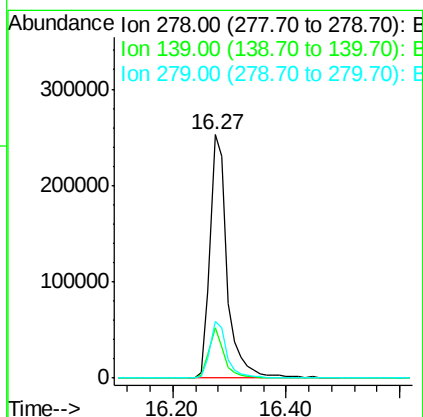
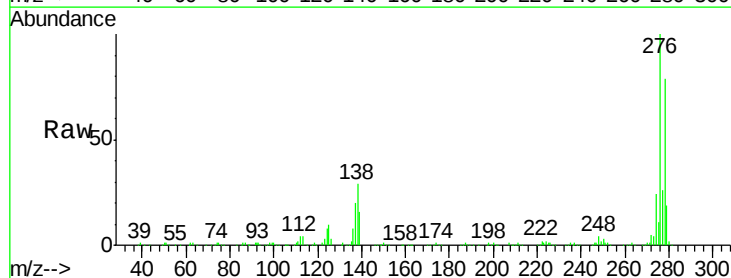
Instrument :
BNA_F
ClientSampleId :
PB90787BS

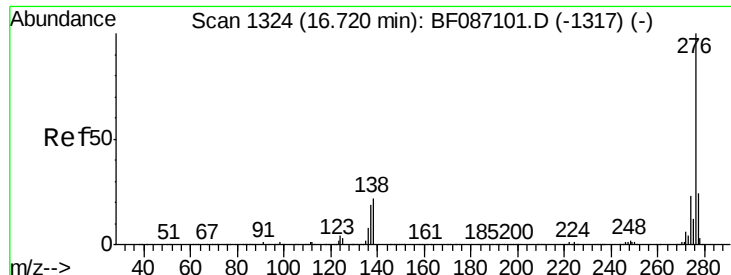
Tgt Ion:252 Resp: 602117
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 14.3 9.0 13.6#



#90
Dibenzo(a,h)anthracene
Concen: 42.87 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Tgt Ion:278 Resp: 520254
Ion Ratio Lower Upper
278 100
139 20.7 16.6 24.8
279 23.4 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 42.03 ng

RT: 16.64 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF087284.D

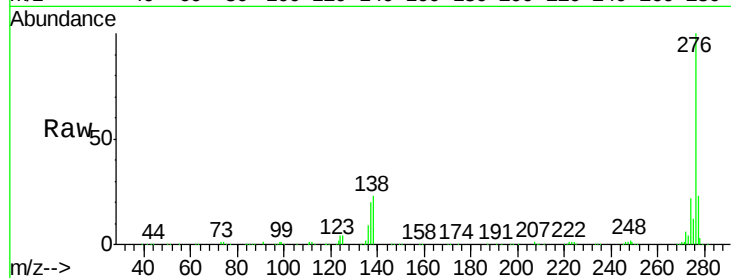
Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS



Tgt Ion:	276	Resp:	515137
Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.6	29.4
138	23.2	23.6	35.4#

