

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 03:57:16 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 03:47:59 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	-0.01
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	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	952837	121.81	ng	0.01
7) Phenol-d6	6.24	99	1296229	123.56	ng	0.00
23) Nitrobenzene-d5	7.14	82	922332	80.75	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	316623	106.09	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	6.49	146	402888m	39.83	ng	
13) 1,4-Dichlorobenzene	6.57	146	416851m	40.27	ng	
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	97972m	37.87	ng	
36) 4-Chloro-3-methylphenol	8.44	107	358570	38.26	ng	# 85
37) 2-Methylnaphthalene	8.56	142	727302m	40.88	ng	
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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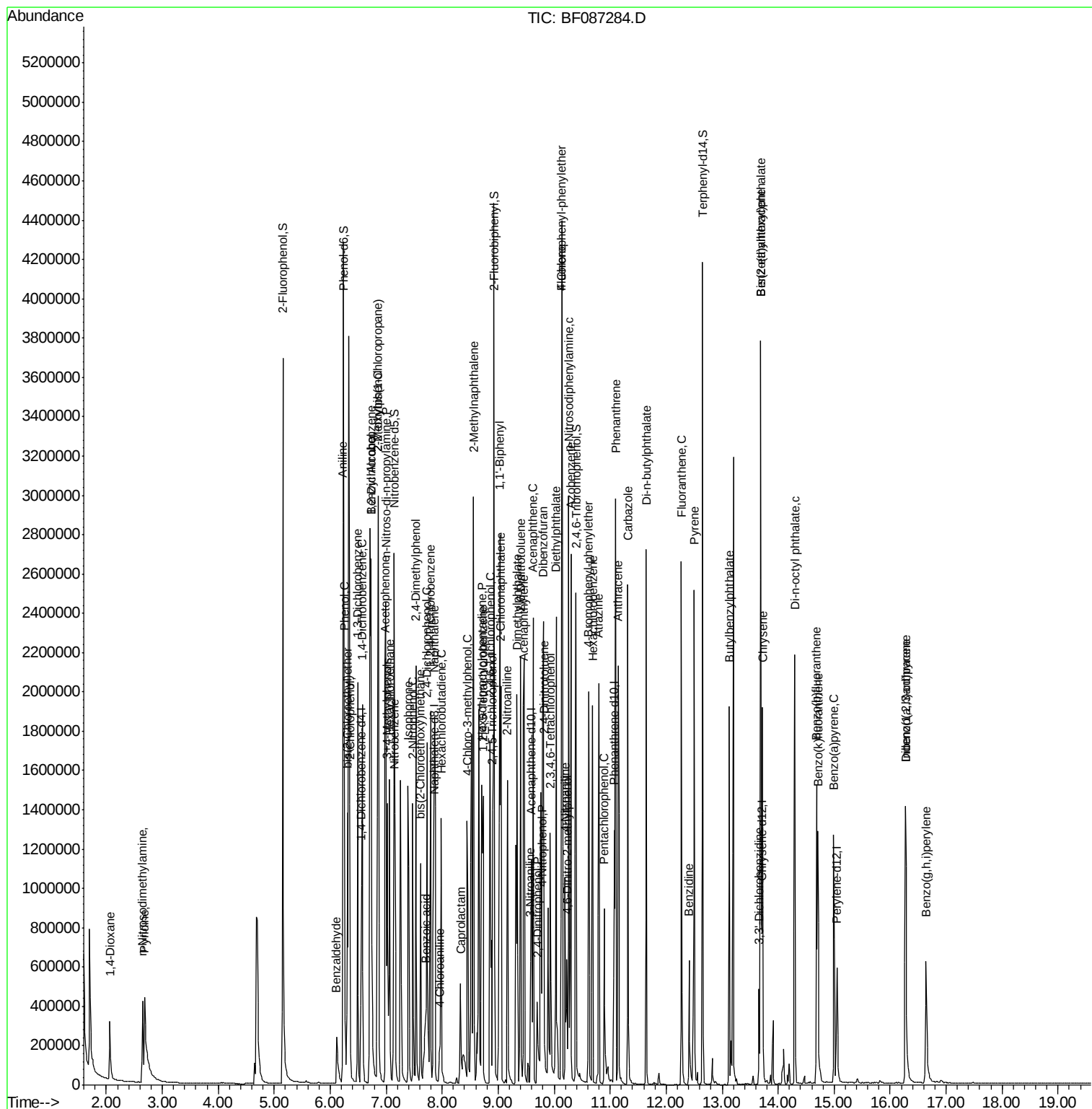
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42) 2,4,6-Trichlorophenol	8.86	196	206991	40.46	nq	94
43) 2,4,5-Trichlorophenol	8.90	196	203865	38.36	nq #	81
45) 1,1'-Biphenyl	9.03	154	974905	43.54	nq	99
46) 2-Chloronaphthalene	9.05	162	721869	41.99	nq	99
47) 2-Nitroaniline	9.16	65	278493	42.27	nq	84
48) Acenaphthylene	9.45	152	1030165	39.24	nq	98
49) Dimethylphthalate	9.34	163	818772	39.74	nq	100
50) 2,6-Dinitrotoluene	9.40	165	170771	38.18	nq #	72
51) Acenaphthene	9.62	154	614473	37.47	nq	98
52) 3-Nitroaniline	9.58	138	86798	17.92	nq #	75
53) 2,4-Dinitrophenol	9.70	184	91900	38.47	nq	90
54) Dibenzofuran	9.80	168	942279	44.43	nq	100
55) 4-Nitrophenol	9.78	139	85783m	37.87	nq	
56) 2,4-Dinitrotoluene	9.82	165	256220	44.72	nq #	81
57) Fluorene	10.14	166	674273	39.57	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	176626	42.68	nq	97
59) Diethylphthalate	10.03	149	784479	39.89	nq	99
60) 4-Chlorophenyl-phenylether	10.14	204	362320	44.86	nq	92
61) 4-Nitroaniline	10.19	138	149689	31.31	nq #	61
62) Azobenzene	10.30	77	1057287	46.65	nq	87
64) 4,6-Dinitro-2-methylphenol	10.23	198	95216	29.66	nq	85
65) n-Nitrosodiphenylamine	10.26	169	641983	41.85	nq	100
66) 4-Bromophenyl-phenylether	10.62	248	200187	39.94	nq #	85
67) Hexachlorobenzene	10.68	284	219215	37.72	nq #	73
68) Atrazine	10.80	200	226159	45.20	nq	93
69) Pentachlorophenol	10.89	266	133038	60.94	nq	96
70) Phenanthrene	11.10	178	1089923	41.23	nq	100
71) Anthracene	11.14	178	1065903	39.86	nq	100
72) Carbazole	11.31	167	938430	38.42	nq	98
73) Di-n-butylphthalate	11.64	149	1295839	46.19	nq #	99
74) Fluoranthene	12.27	202	1013877	38.28	nq	96
76) Benzidine	12.41	184	288146	31.61	nq	96
77) Pyrene	12.50	202	1050055	48.07	nq	100
79) Butylbenzylphthalate	13.13	149	481034	52.16	nq	89
80) Benzo(a)anthracene	13.69	228	700700	40.07	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	105538	9.49	nq #	97
82) Chrysene	13.73	228	747371	44.18	nq	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	627836	55.94	nq #	99
84) Di-n-octyl phthalate	14.30	149	961981	49.75	nq #	85
85) Indeno(1,2,3-cd)pyrene	16.27	276	619233	41.70	nq	95
87) Benzo(b)fluoranthene	14.69	252	593475m	34.42	nq	
88) Benzo(k)fluoranthene	14.71	252	636404m	49.58	nq	
89) Benzo(a)pyrene	14.99	252	602117	41.78	nq #	96
90) Dibenzo(a,h)anthracene	16.27	278	520254	42.87	nq	99
91) Benzo(g,h,i)perylene	16.64	276	515137	42.03	nq #	93

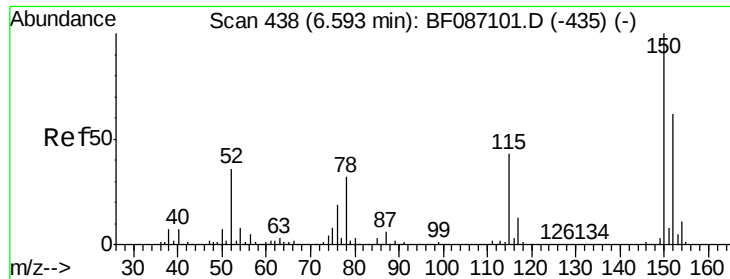
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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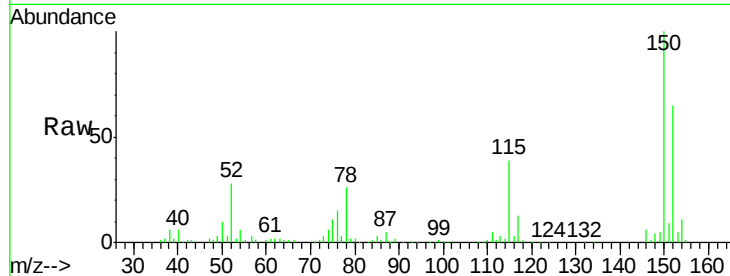


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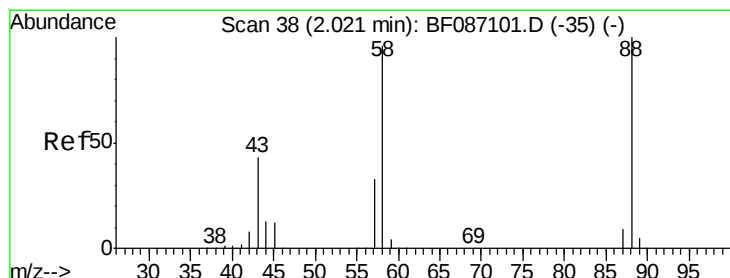
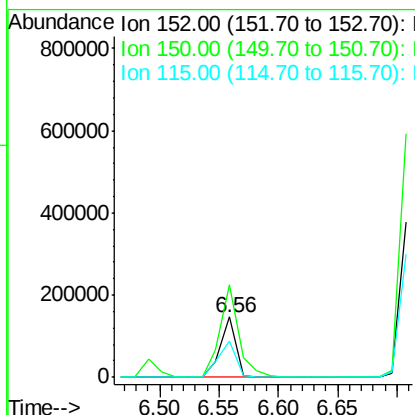
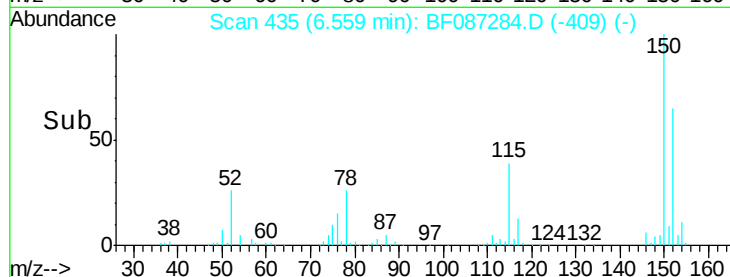
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Instrument :
BNA_F
ClientSampleId :
PB90787BS

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



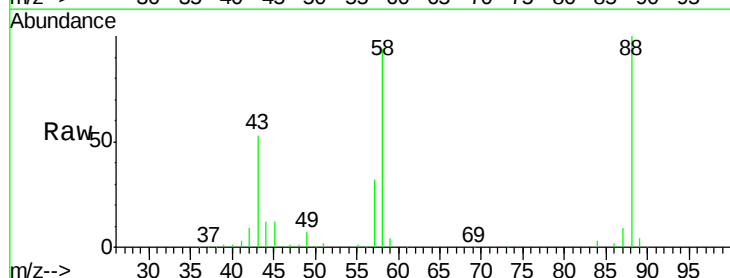
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



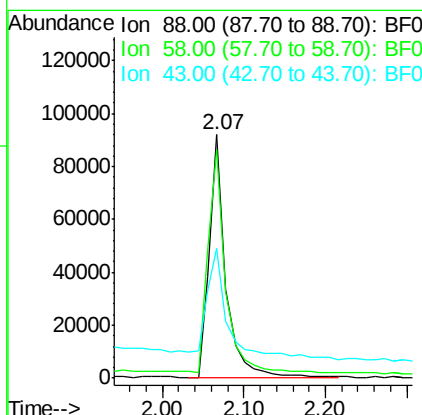
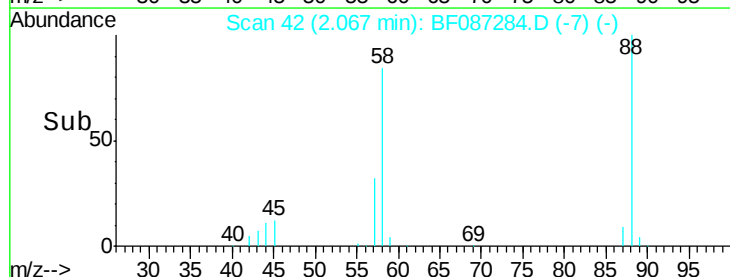
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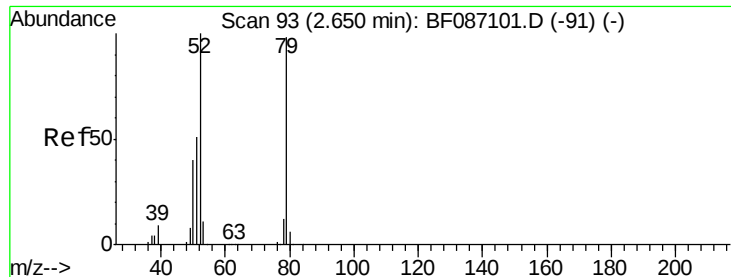
1,4-Dioxane
Concen: 32.43 ng
RT: 2.07 min Scan# 42
Delta R.T. 0.10 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

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

Pvridine

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

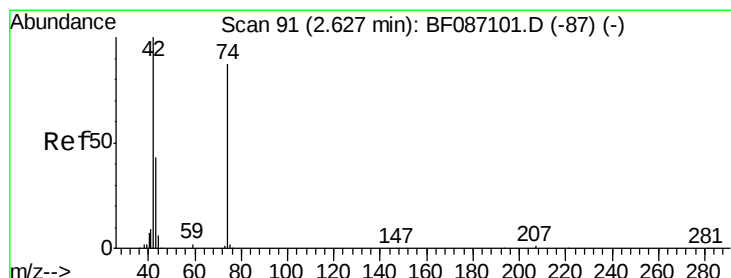
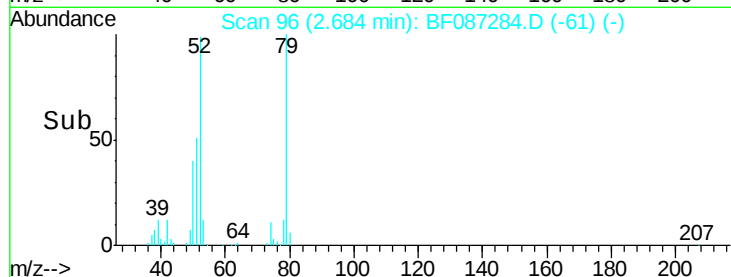
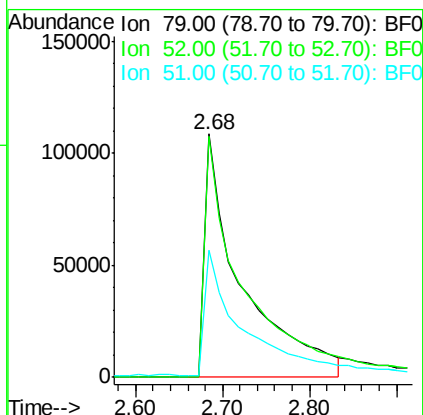
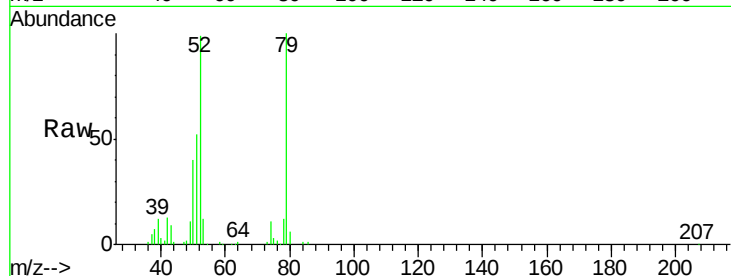
Tot Ion: 79 Resp: 323381

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

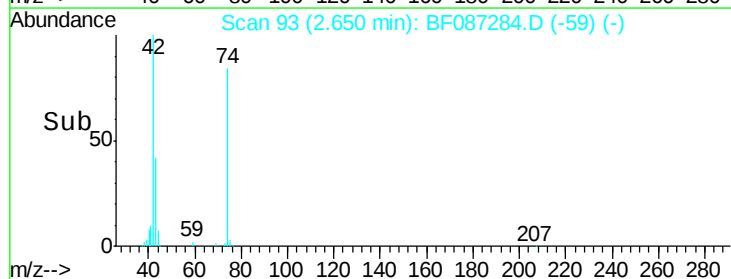
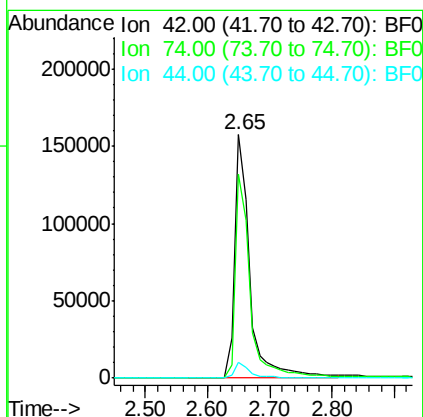
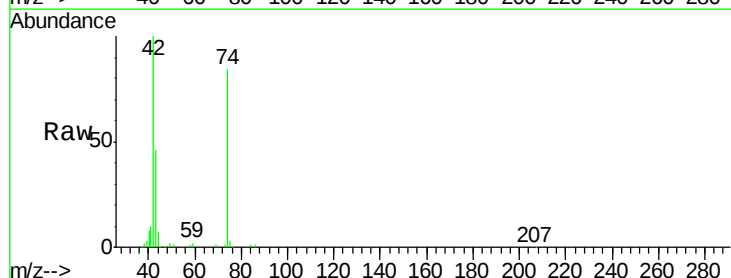
Tgt Ion: 42 Resp: 265120

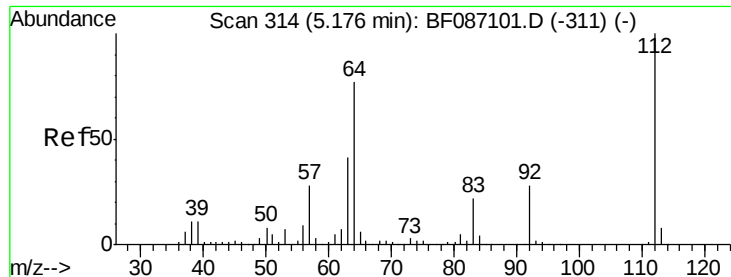
Ion Ratio Lower Upper

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. 0.01 min

Lab File: BF087284.D

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Instrument :

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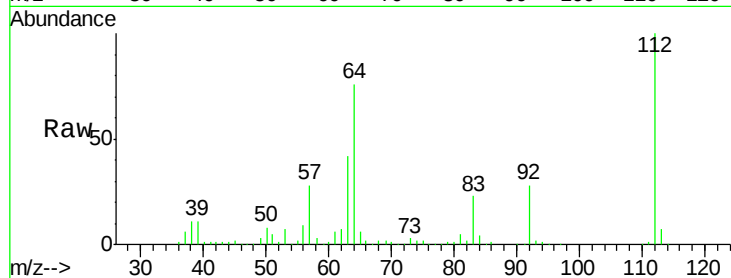
Tot Ion:112 Resp: 952837

Ion Ratio Lower Upper

112 100

64 76.1 52.1 78.1

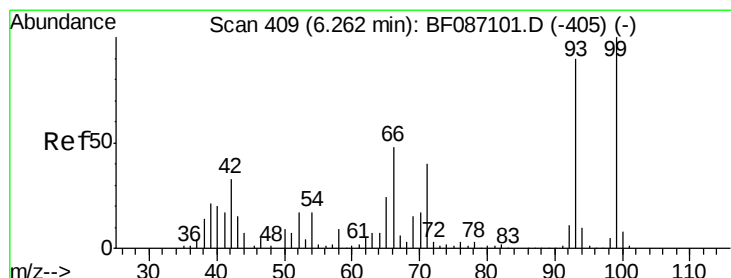
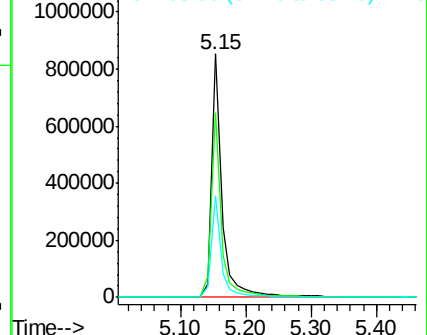
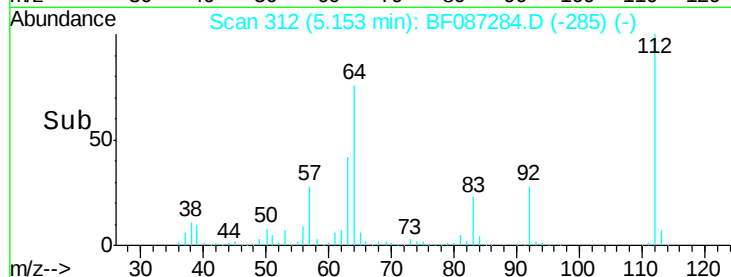
63 41.7 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

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

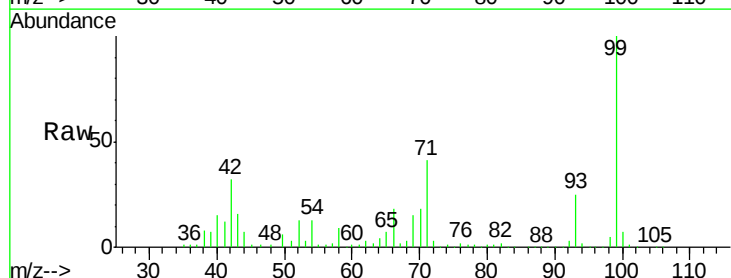
Tgt Ion: 93 Resp: 248615

Ion Ratio Lower Upper

93 100

66 72.7 39.0 58.6#

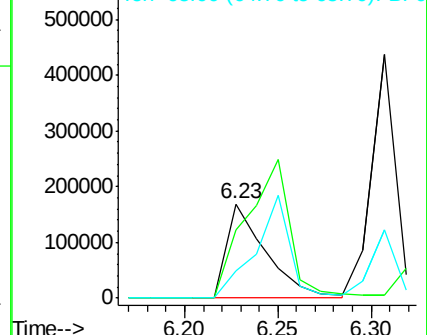
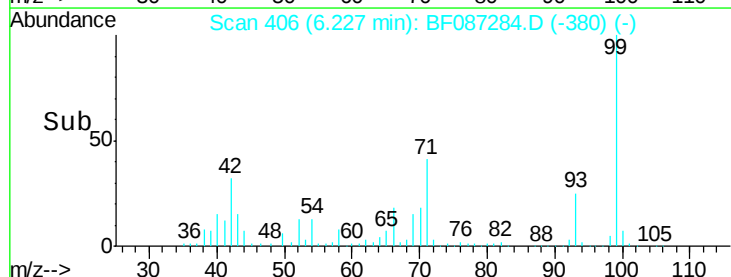
65 29.3 20.6 31.0

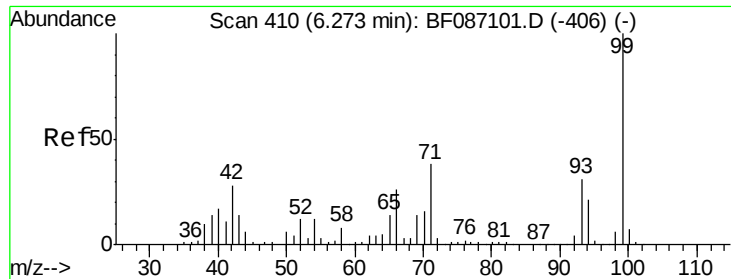


Abundance Ion 93.00 (92.70 to 93.70): BF0

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. 0.00 min

Lab File: BF087284.D

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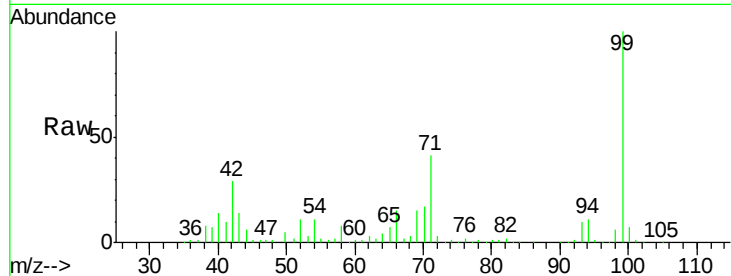
Tot Ion: 99 Resp: 1296229

Ion Ratio Lower Upper

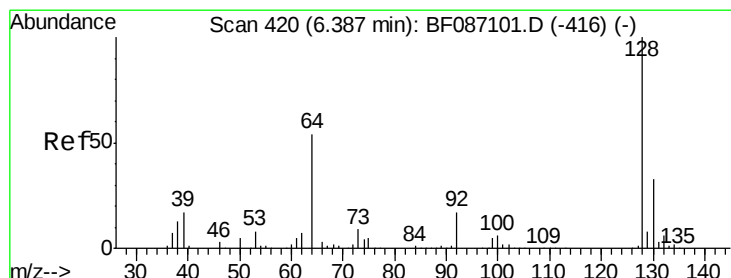
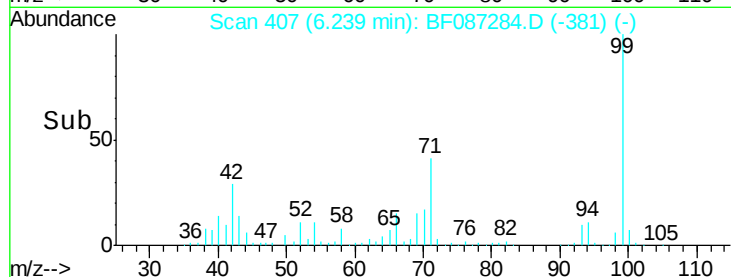
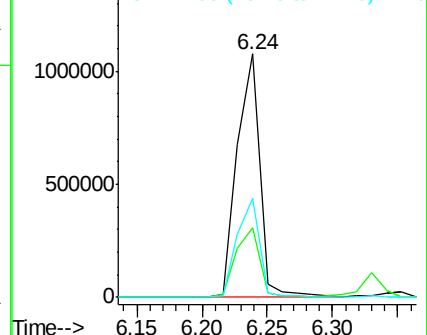
99 100

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. 0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

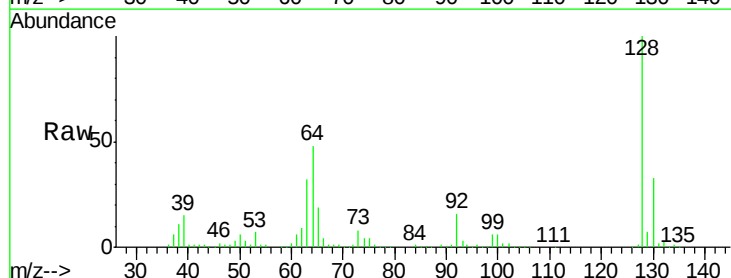
Tgt Ion:128 Resp: 393150

Ion Ratio Lower Upper

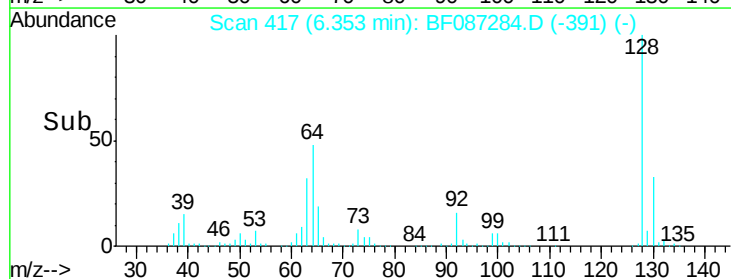
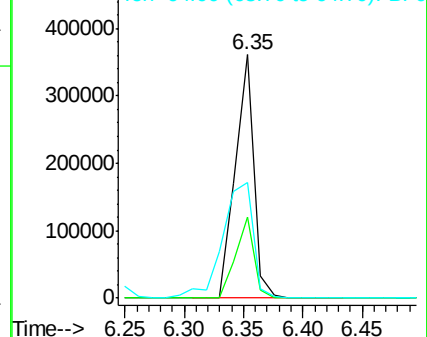
128 100

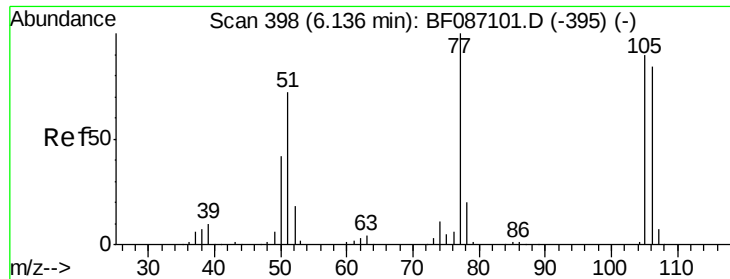
130 33.3 12.5 52.5

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. 0.00 min

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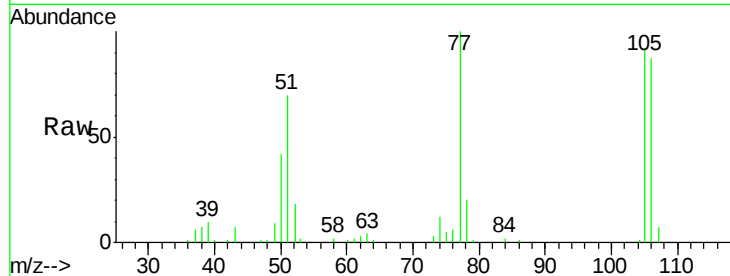
Tot Ion: 77 Resp: 92609

Ion Ratio Lower Upper

77 100

105 92.0 72.7 112.7

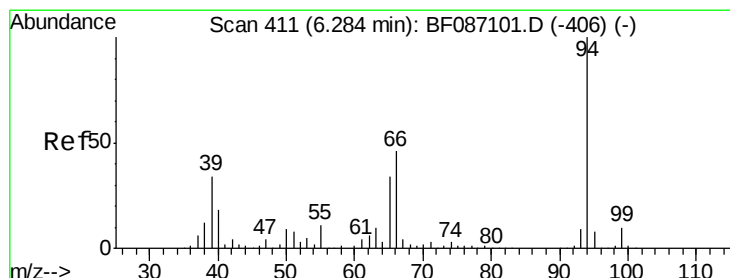
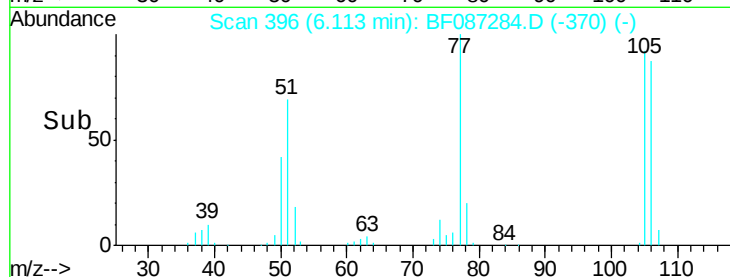
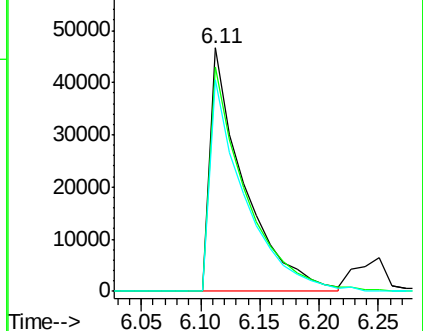
106 86.7 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.79 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

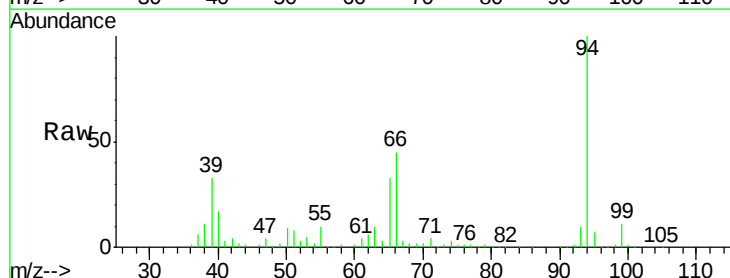
Tgt Ion: 94 Resp: 577561

Ion Ratio Lower Upper

94 100

65 33.5 7.2 47.2

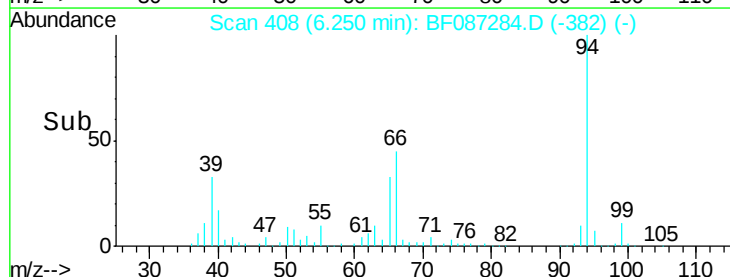
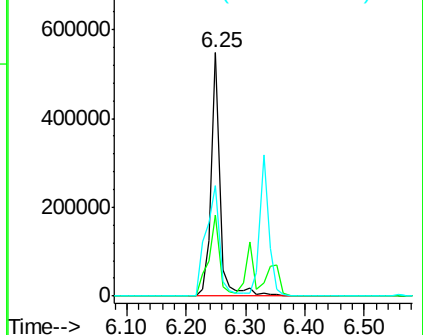
66 45.3 14.9 54.9

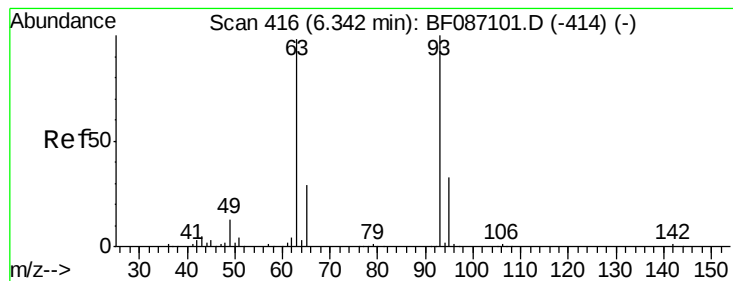


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

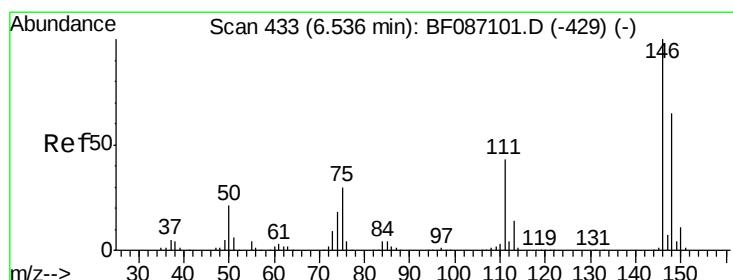
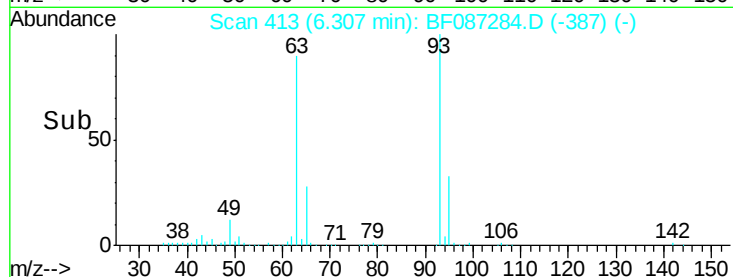
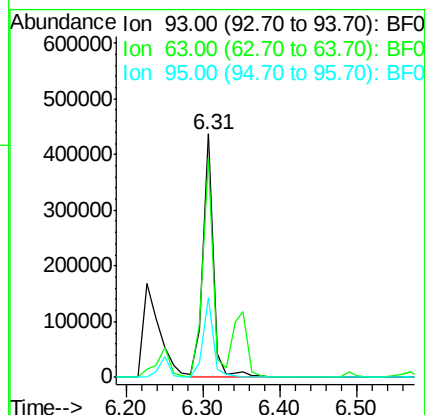
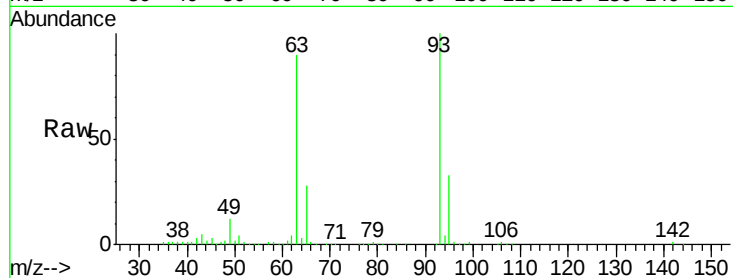




#11
bis(2-Chloroethyl)ether
Concen: 41.47 ng
RT: 6.31 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

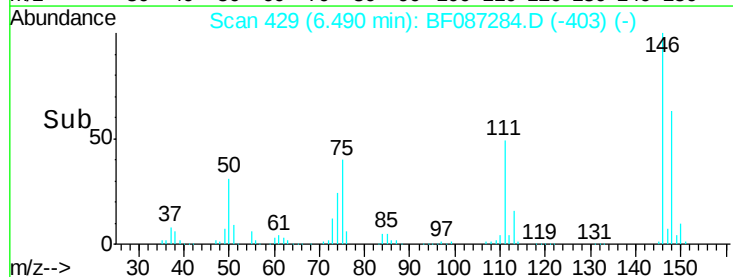
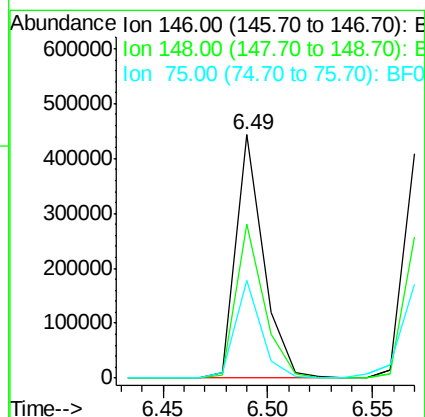
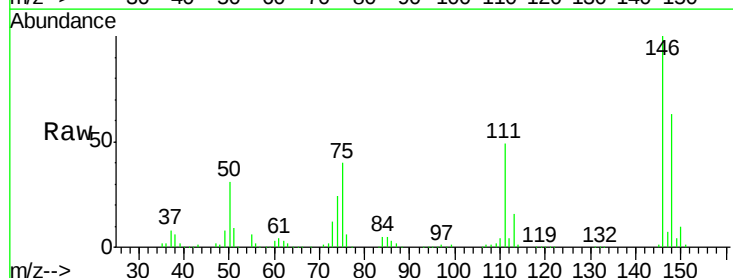
Instrument :
BNA_F
ClientSampled :
PB90787BS

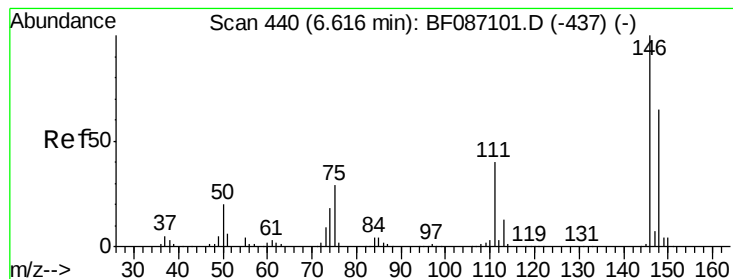
Tot Ion: 93 Resp: 410643
Ion Ratio Lower Upper
93 100
63 90.2 58.0 98.0
95 32.8 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 39.83 ng m
RT: 6.49 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Tgt Ion: 146 Resp: 402888
Ion Ratio Lower Upper
146 100
148 63.4 52.4 78.6
75 40.2 22.8 34.2#





#13

1,4-Dichlorobenzene

Concen: 40.27 ng/mL

RT: 6.57 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleID :

PB90787BS

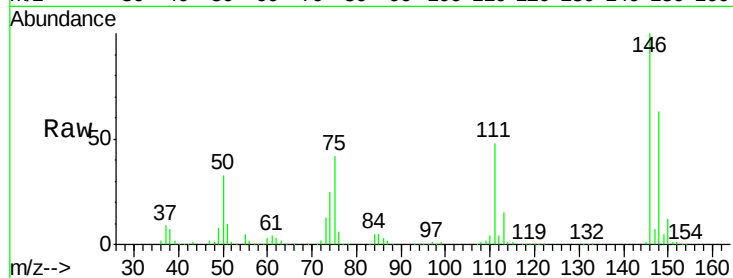
Tot Ion:146 Resp: 416851

Ion Ratio Lower Upper

146 100

148 62.9 52.2 78.4

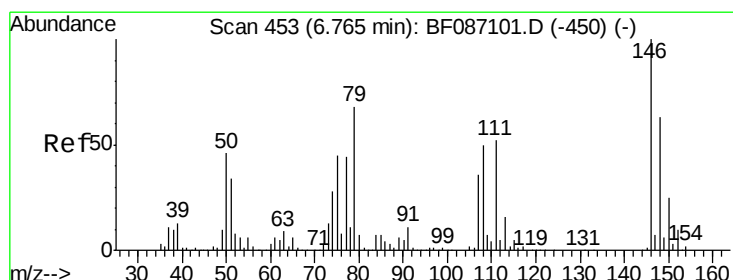
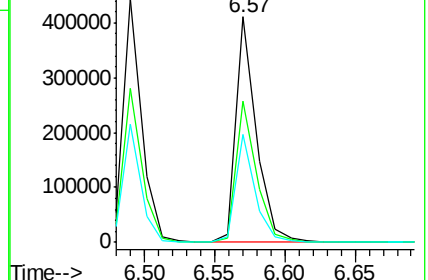
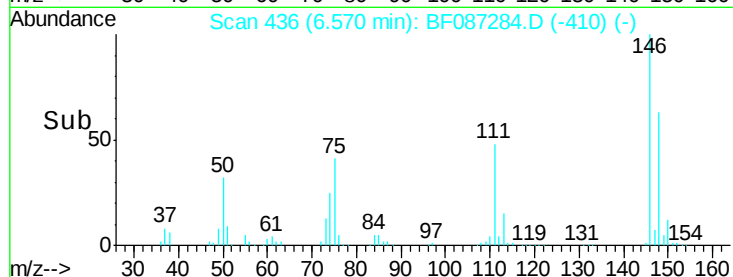
111 47.8 30.7 46.1#



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/mL

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

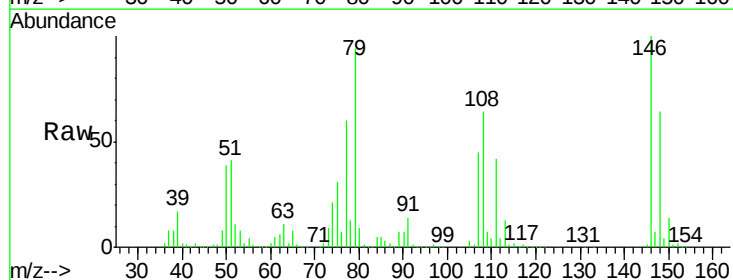
Tgt Ion:146 Resp: 365874

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.6

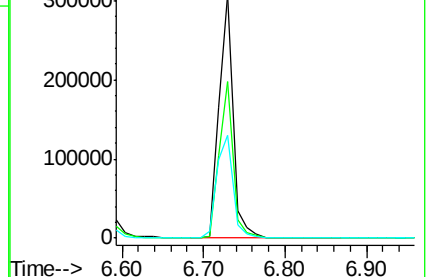
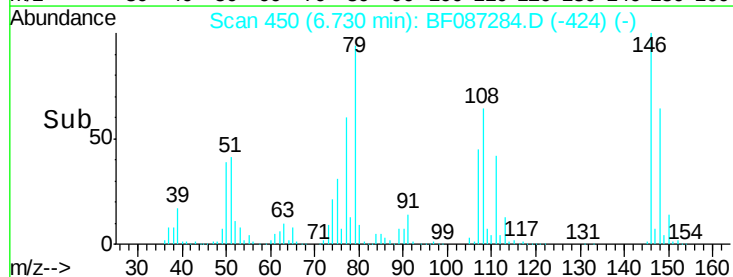
111 42.3 36.2 54.4

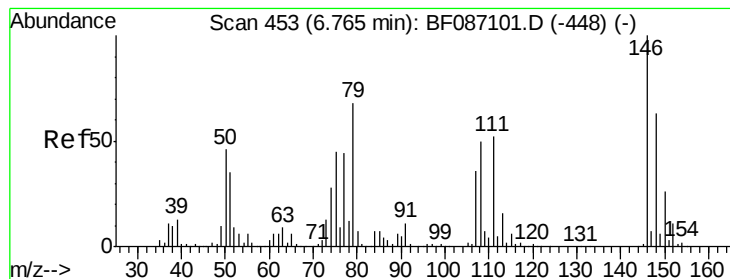


Abundance Ion 146.00 (145.70 to 146.70): E

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

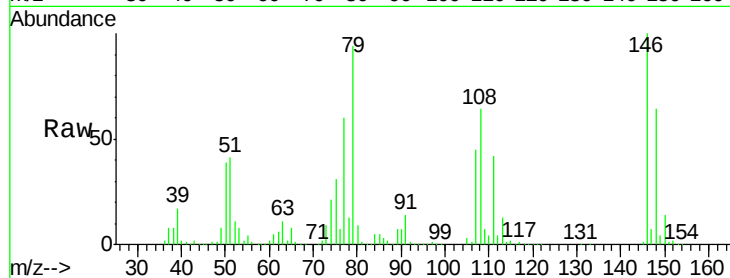
Tot Ion: 79 Resp: 379660

Ion Ratio Lower Upper

79 100

108 68.8 68.4 102.6

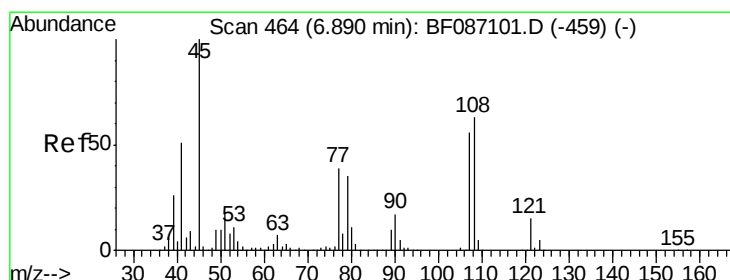
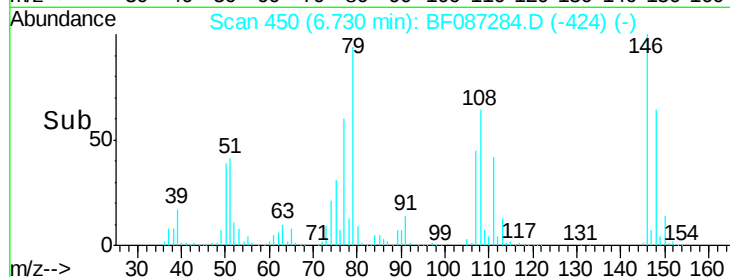
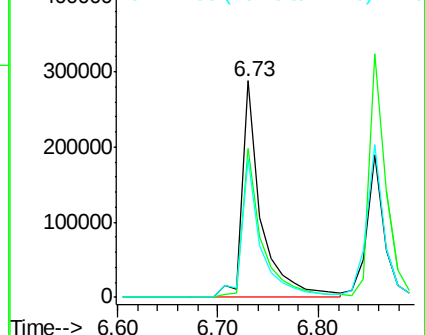
77 64.0 50.6 76.0



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

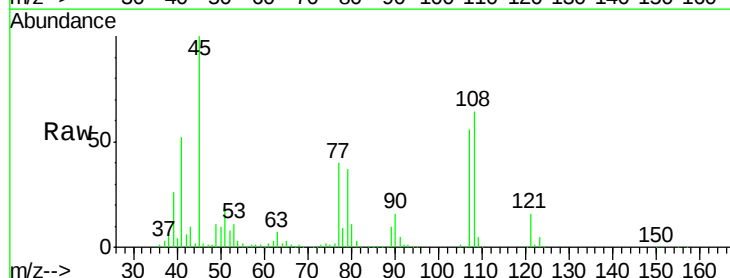
Tgt Ion: 45 Resp: 768419

Ion Ratio Lower Upper

45 100

77 40.3 0.0 36.4#

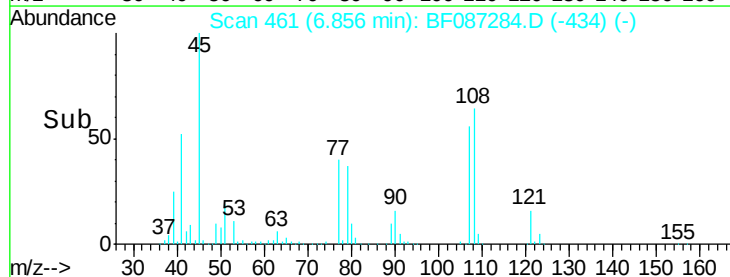
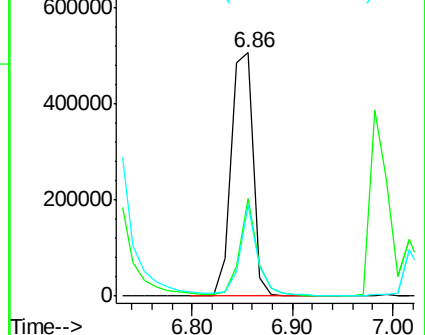
79 37.4 0.0 33.4#

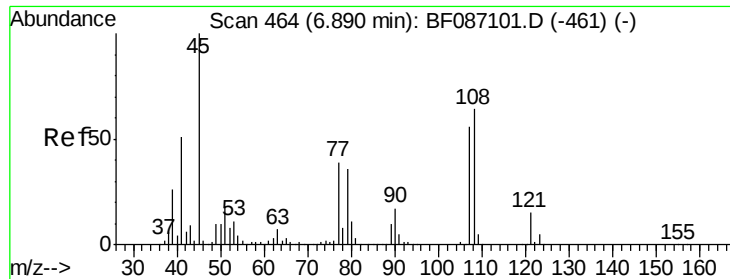


Abundance Ion 45.00 (44.70 to 45.70): BF0

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

Tot Ion:107 Resp: 327937

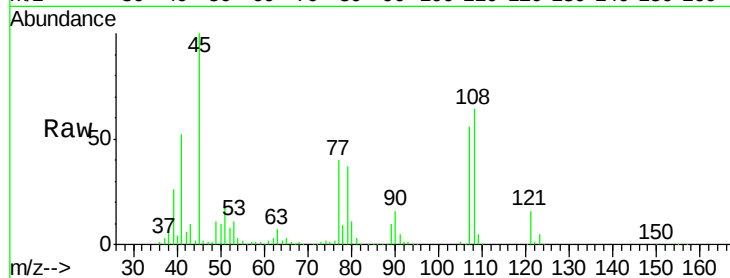
Ion Ratio Lower Upper

107 100

108 113.3 93.7 140.5

77 71.4 33.4 50.0#

79 66.3 34.3 51.5#

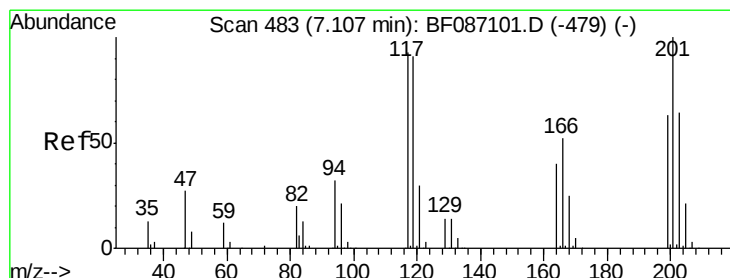
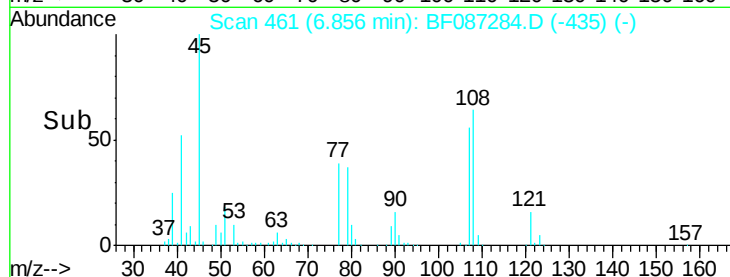
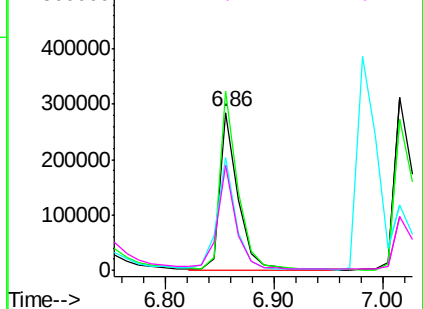


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 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

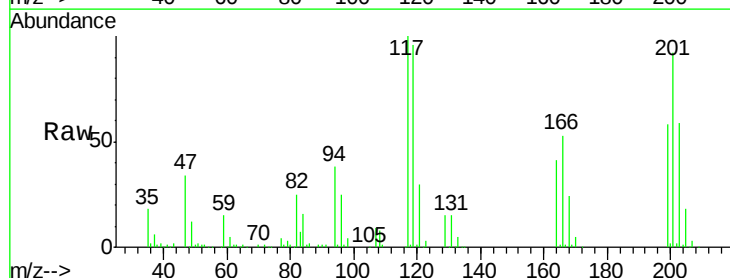
Tgt Ion:117 Resp: 163242

Ion Ratio Lower Upper

117 100

119 96.2 76.5 114.7

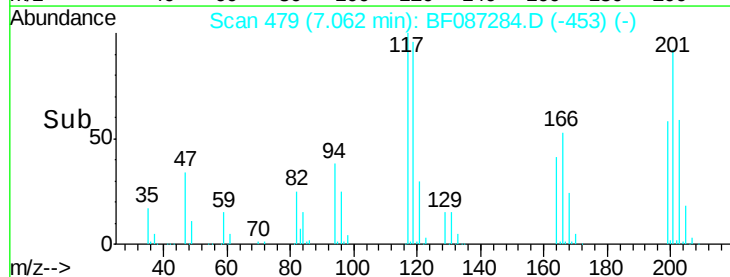
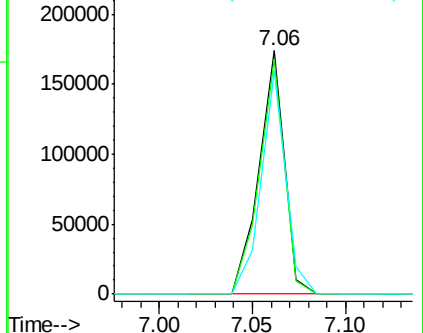
201 91.7 63.0 94.6

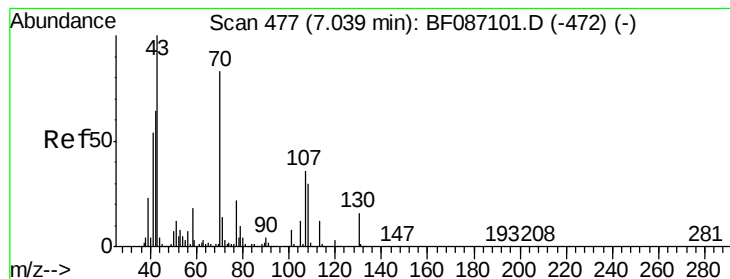


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.46 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

Tot Ion: 70 Resp: 298757

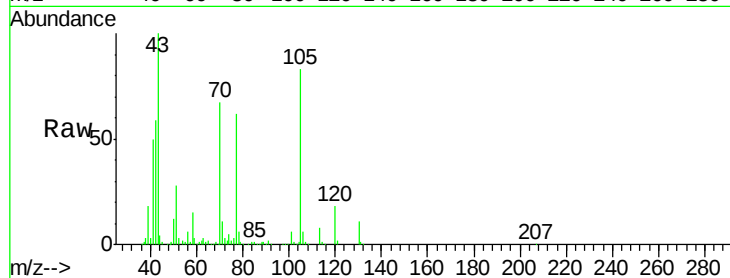
Ion Ratio Lower Upper

70 100

42 88.6 43.1 64.7#

101 8.3 8.1 12.1

130 15.9 18.6 28.0#

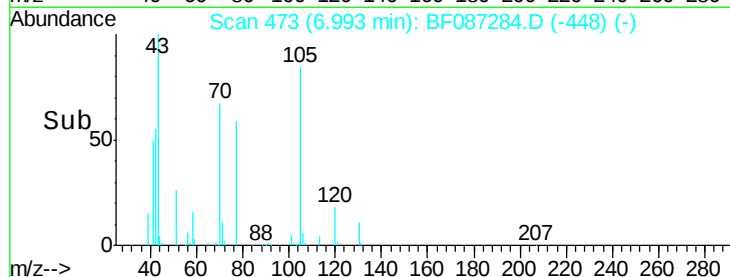
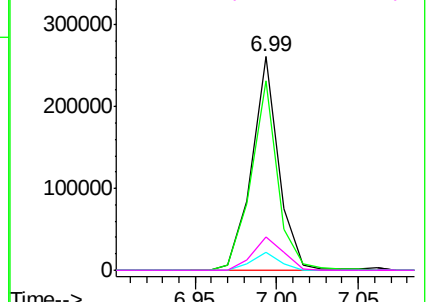


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#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

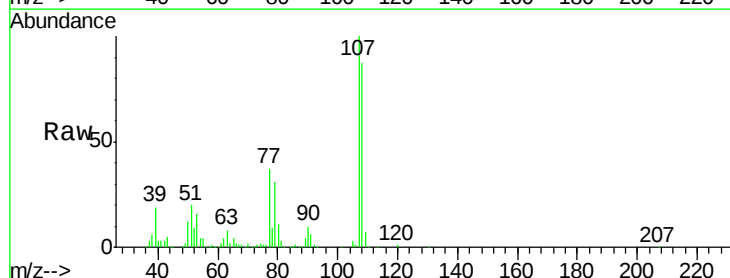
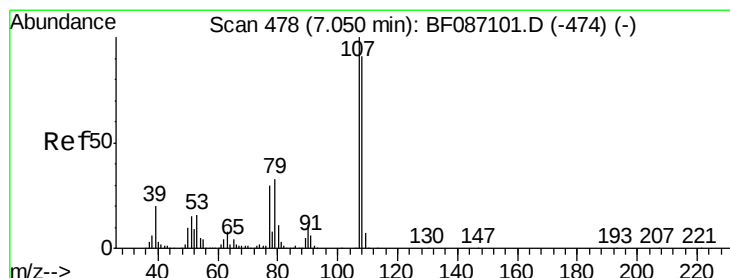
Ion Ratio Lower Upper

107 100

108 87.5 68.5 108.5

77 37.5 101.6 141.6#

79 30.8 7.4 47.4

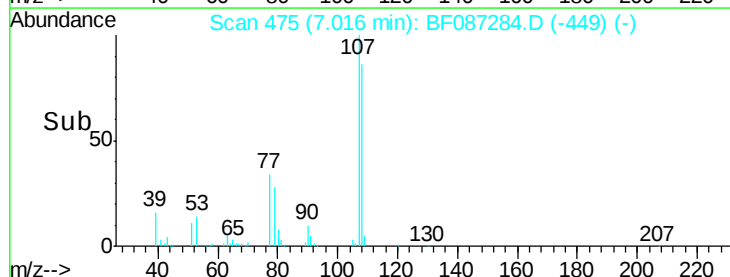
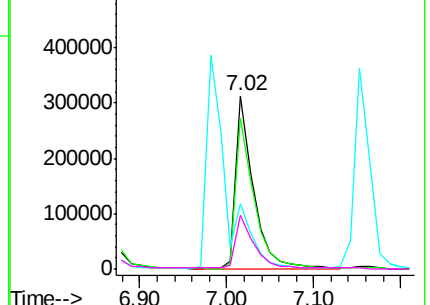


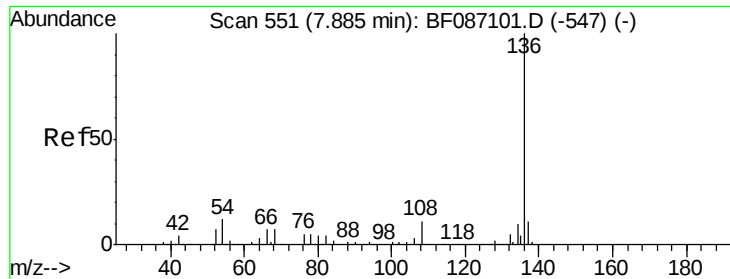
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

Tot Ion:136 Resp: 569287

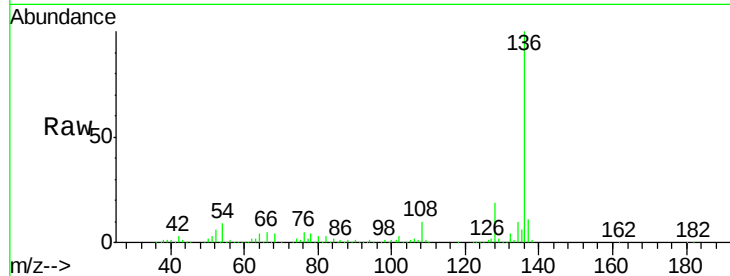
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.6 5.0 7.4#

68 4.4 4.4 6.6

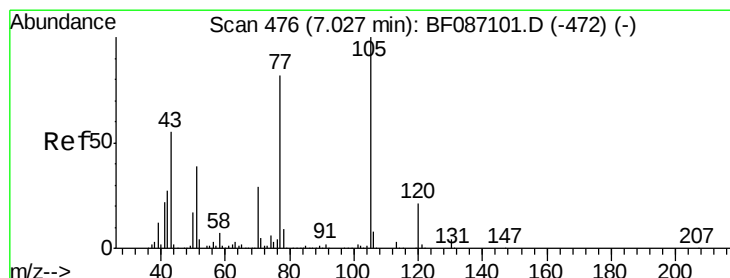
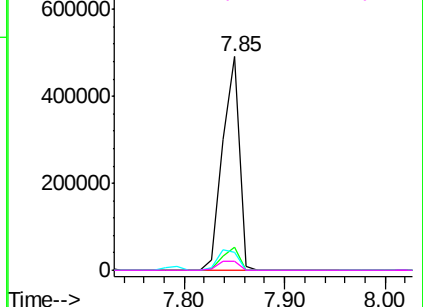
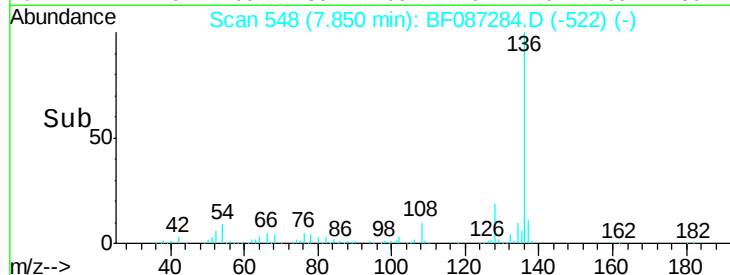


Abundance Ion 136.00 (135.70 to 136.70): E

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

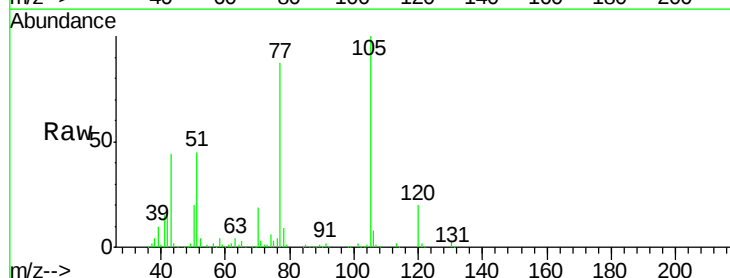
Ion Ratio Lower Upper

105 100

71 3.1 4.8 7.2#

51 44.7 32.6 49.0

120 19.7 16.5 24.7

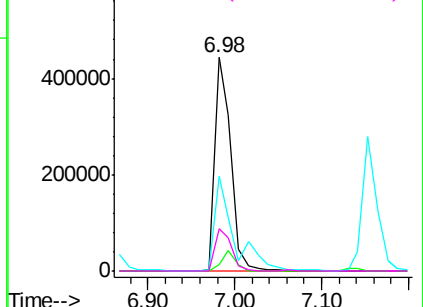
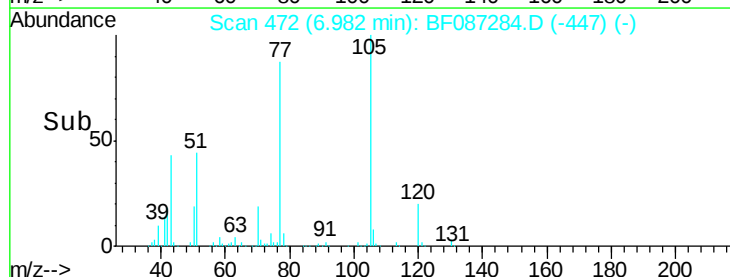


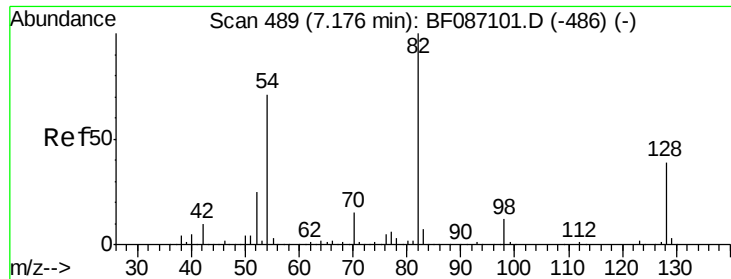
Abundance Ion 105.00 (104.70 to 105.70): E

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

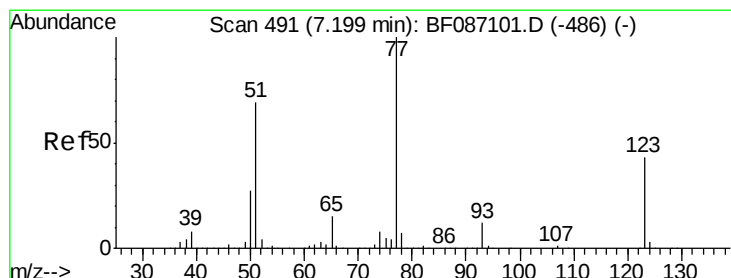
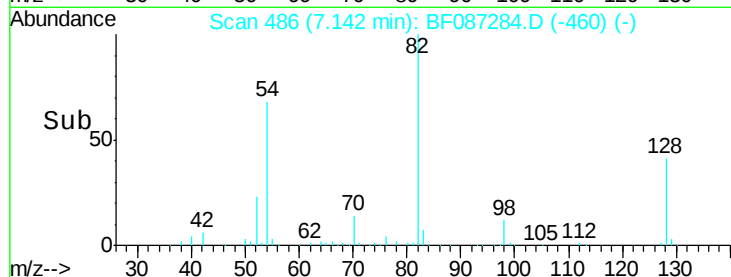
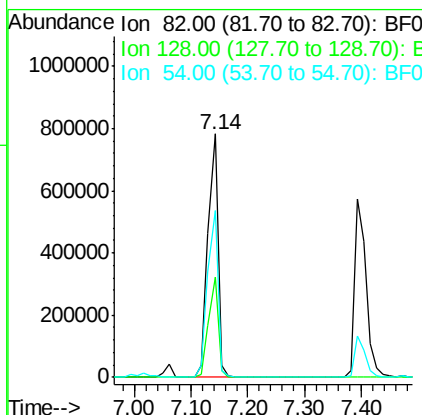
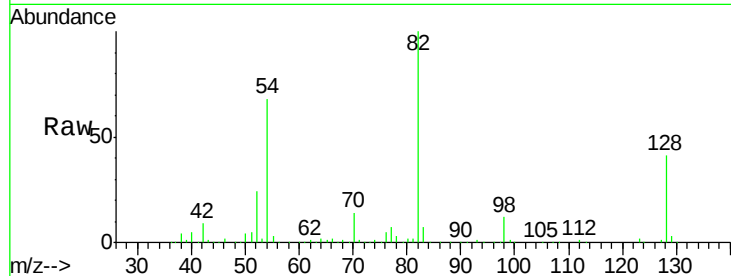




#23
 Nitrobenzene-d5
 Concen: 80.75 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

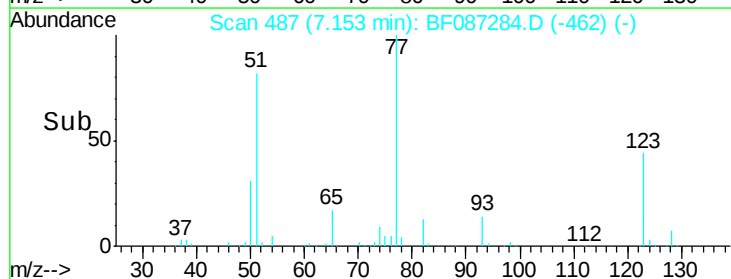
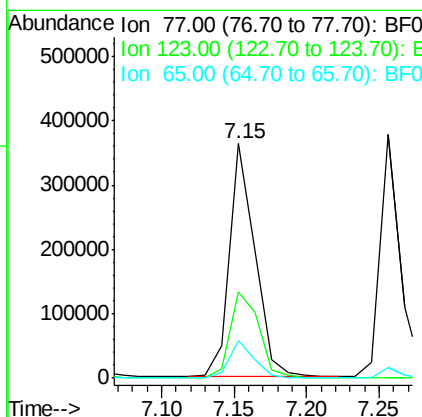
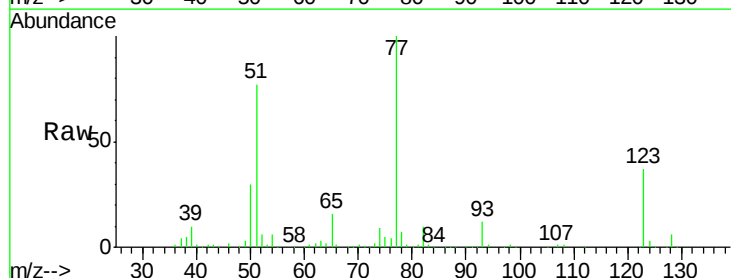
Instrument :
 BNA_F
 ClientSampleId :
 PB90787BS

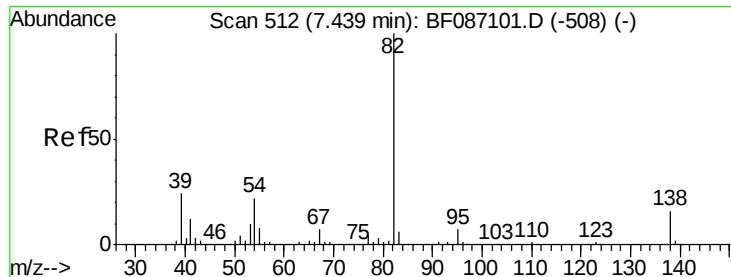
Tot Ion	82	Resp	922332
Ion Ratio	Lower	Upper	
82	100		
128	41.3	40.6	61.0
54	68.3	38.1	57.1#



#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

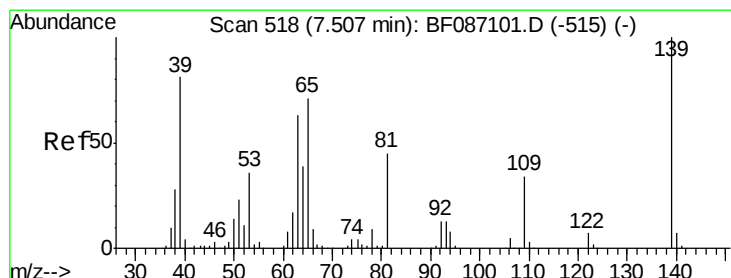
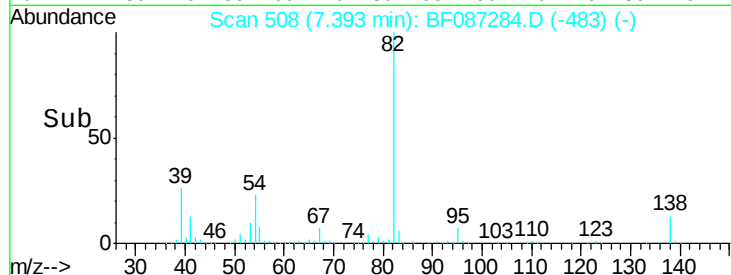
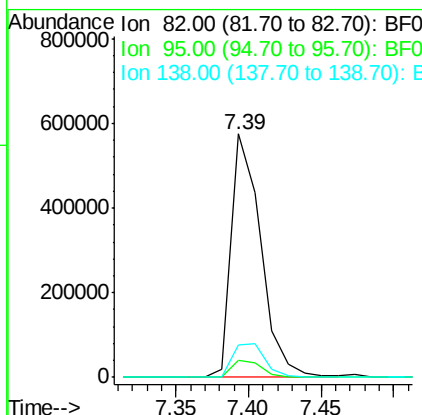
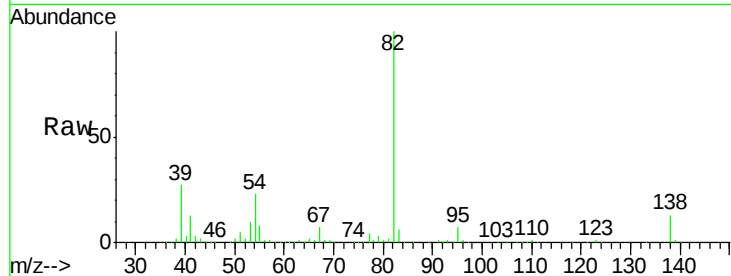




#25
Isophorone
Concen: 39.05 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

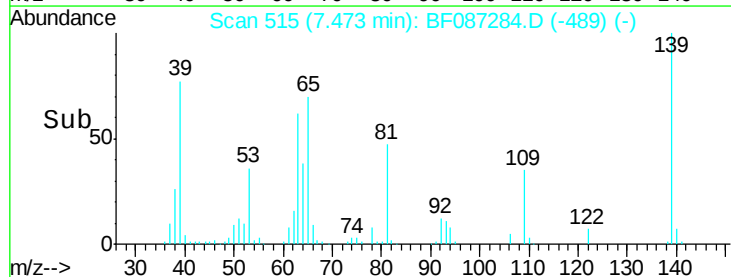
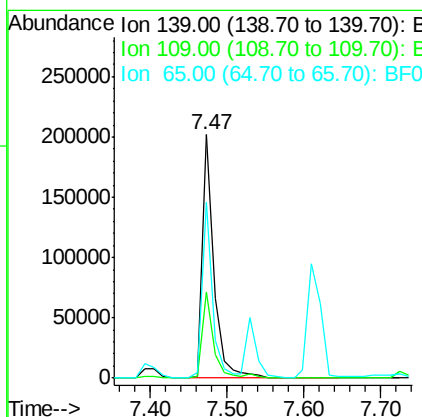
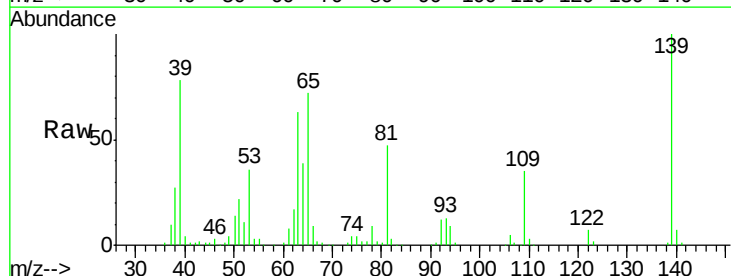
Instrument :
BNA_F
ClientSampleId :
PB90787BS

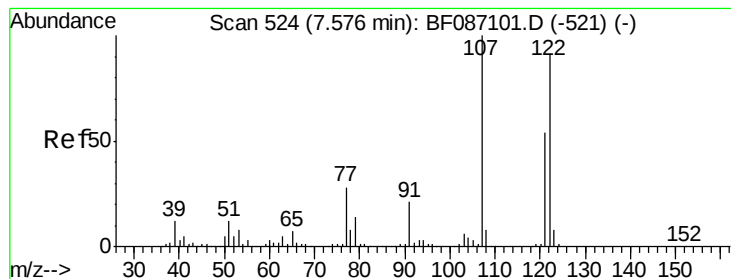
Tot Ion: 82 Resp: 816518
Ion Ratio Lower Upper
82 100
95 7.2 5.1 7.7
138 13.5 12.4 18.6



#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. -0.01 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampled :

PB90787BS

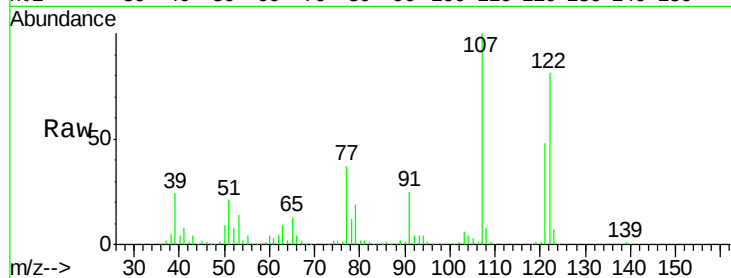
Tot Ion:122 Resp: 343236

Ion Ratio Lower Upper

122 100

107 123.8 82.0 123.0#

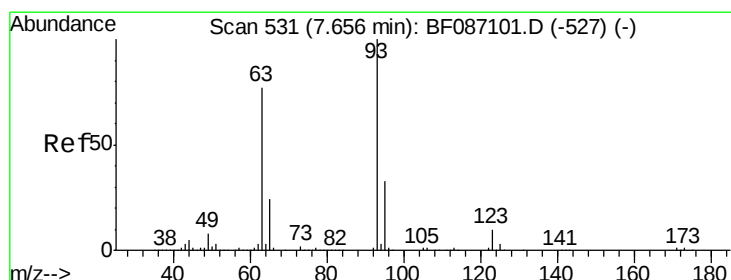
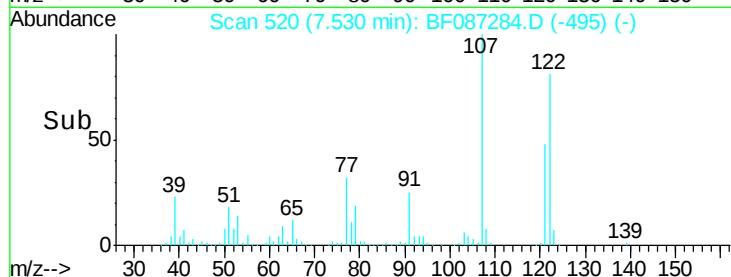
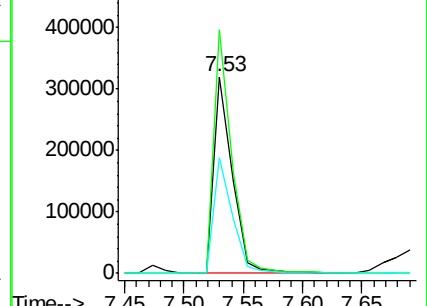
121 59.0 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 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

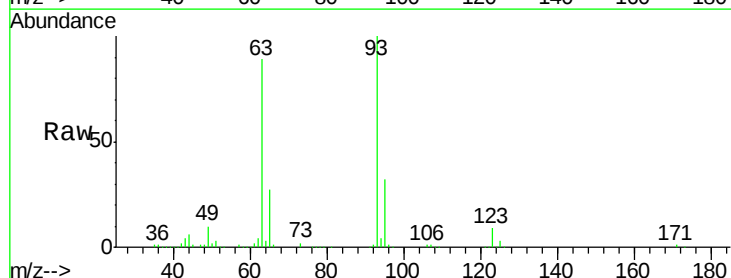
Tgt Ion: 93 Resp: 474993

Ion Ratio Lower Upper

93 100

95 32.2 26.0 39.0

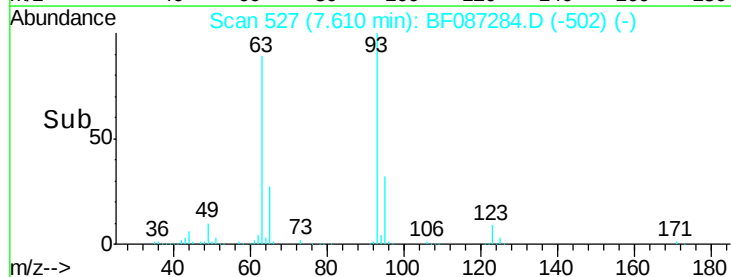
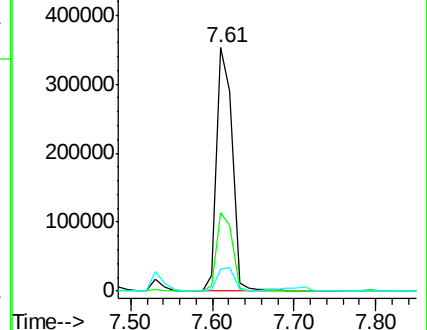
123 9.3 9.5 14.3#

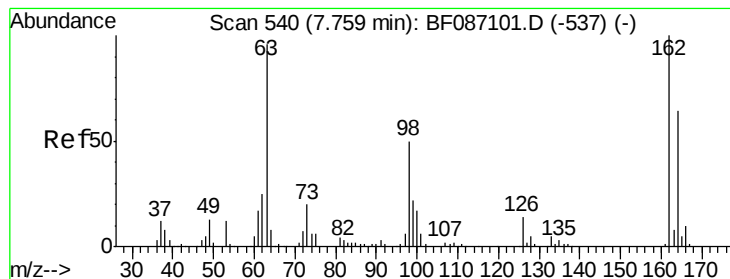


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 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

ClientSampled :

PB90787BS

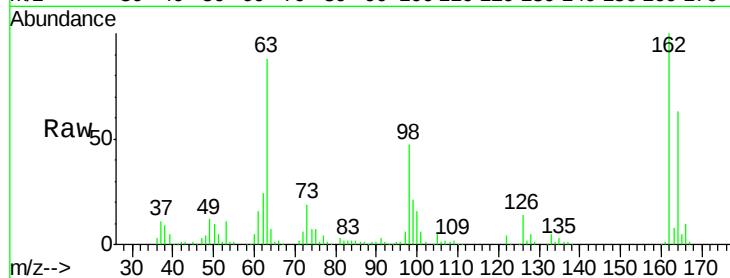
Tot Ion:162 Resp: 353543

Ion Ratio Lower Upper

162 100

164 63.0 42.2 82.2

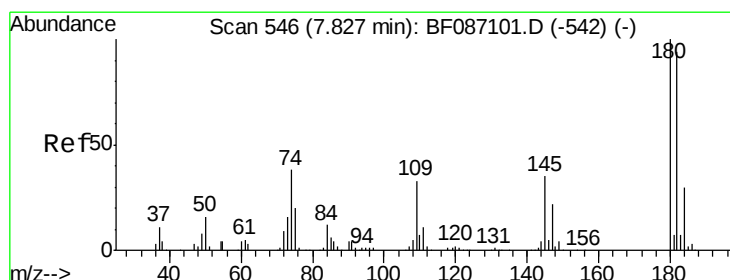
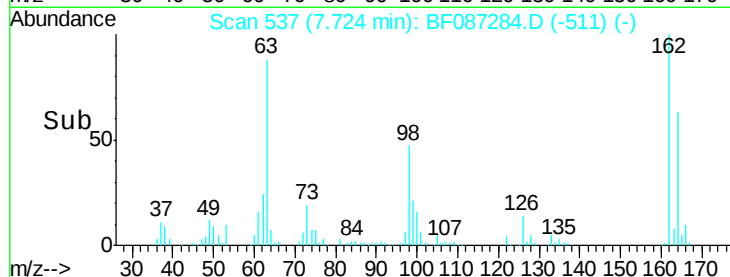
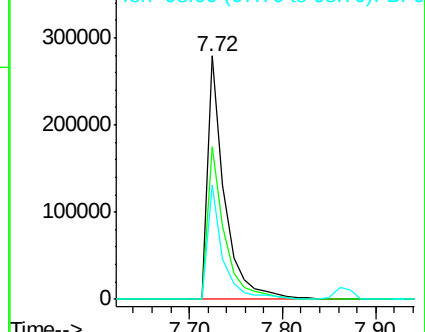
98 47.2 19.0 59.0



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

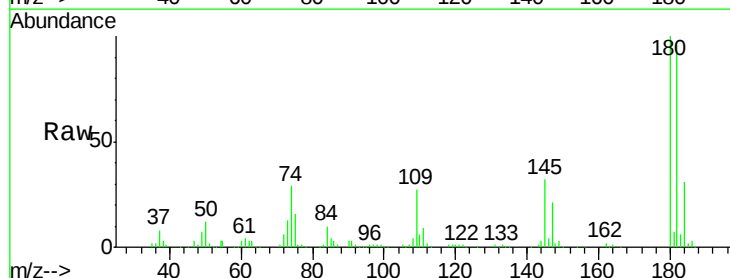
Tgt Ion:180 Resp: 356396

Ion Ratio Lower Upper

180 100

182 96.2 78.0 117.0

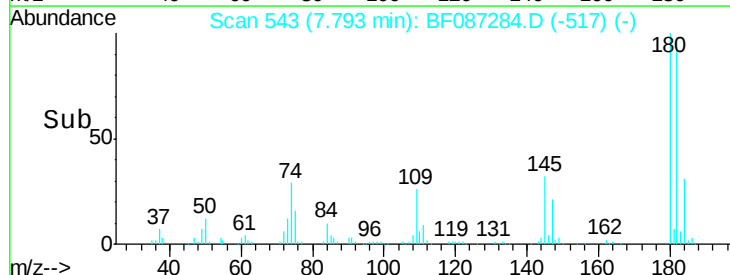
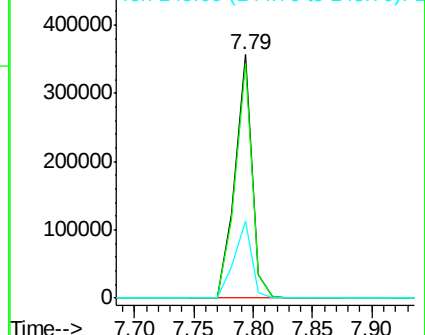
145 31.9 24.2 36.2

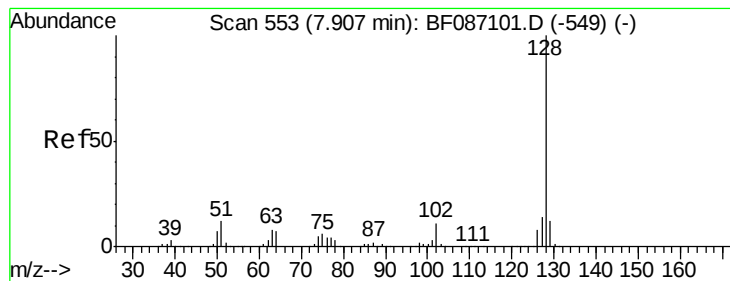


Abundance Ion 180.00 (179.70 to 180.70): E

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

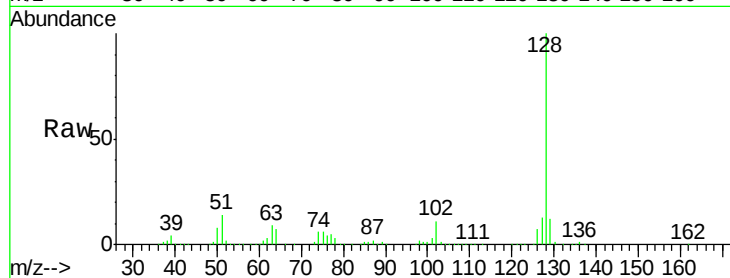
Tot Ion:128 Resp: 1106215

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

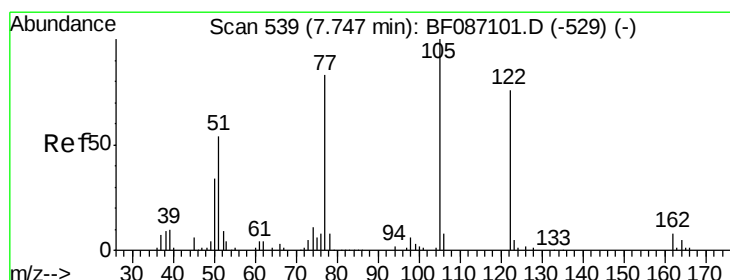
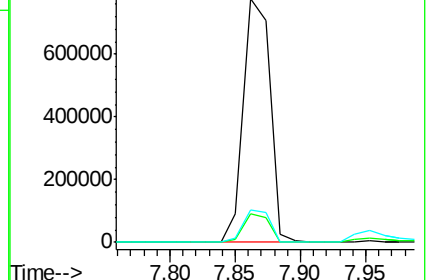
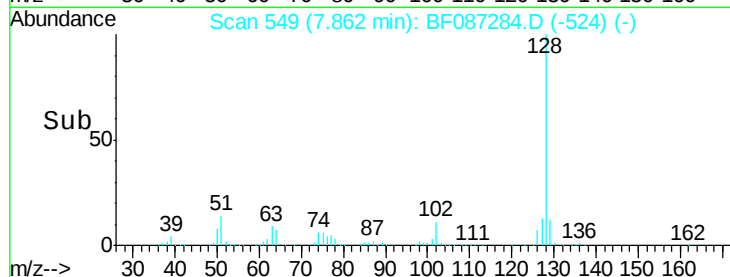
127 13.5 10.8 16.2



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



#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

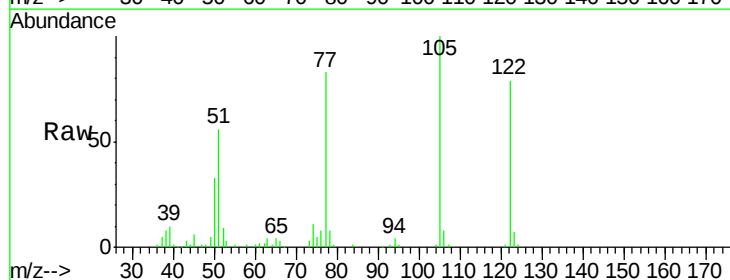
Tgt Ion:122 Resp: 162874

Ion Ratio Lower Upper

122 100

105 126.6 92.6 132.6

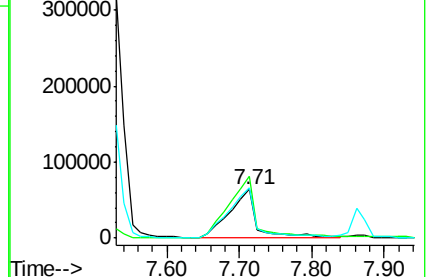
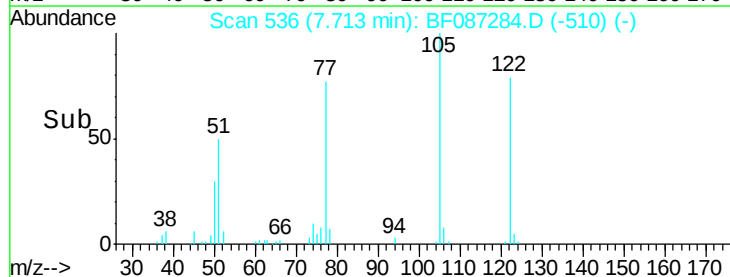
77 104.6 60.0 100.0#

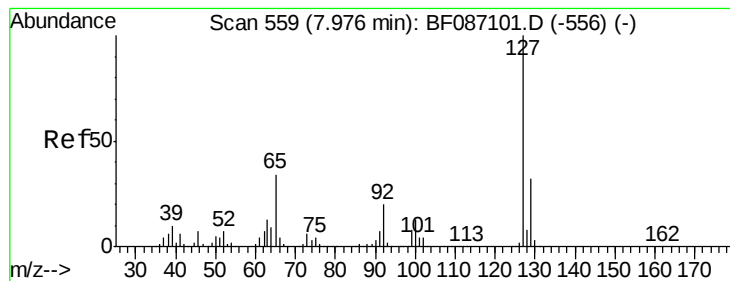


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#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

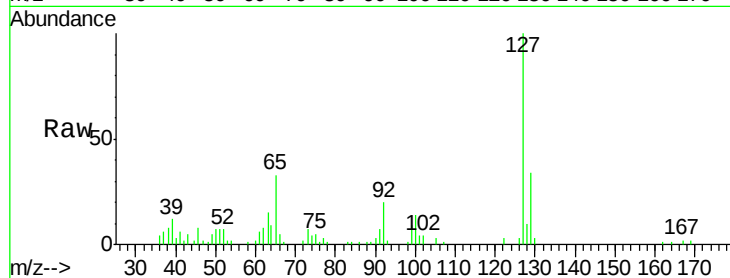
Instrument :

BNA_F

ClientSampleId :

PB90787BS

Tot 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

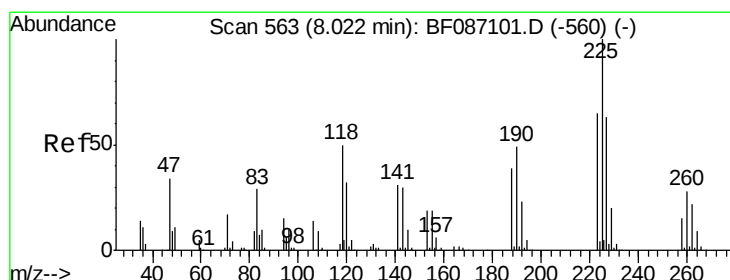
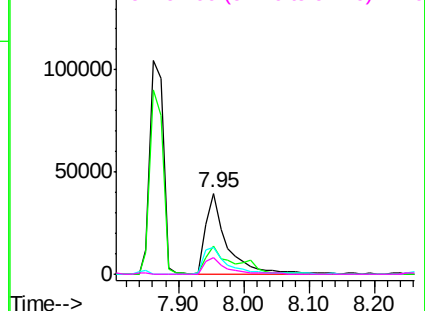
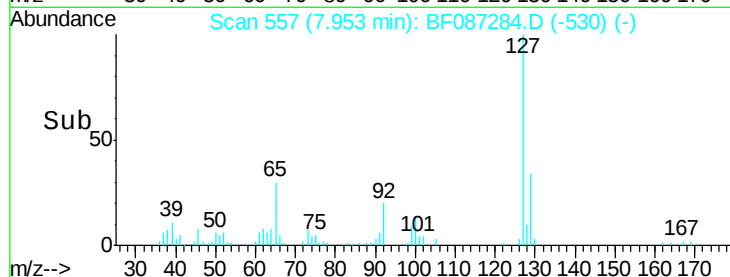


Abundance Ion 127.00 (126.70 to 127.70): E

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

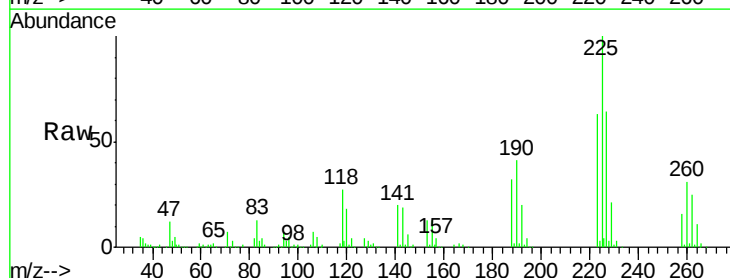
RT: 7.99 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

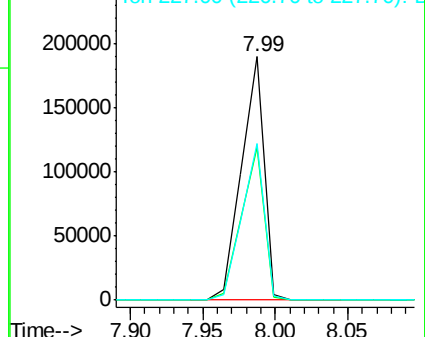
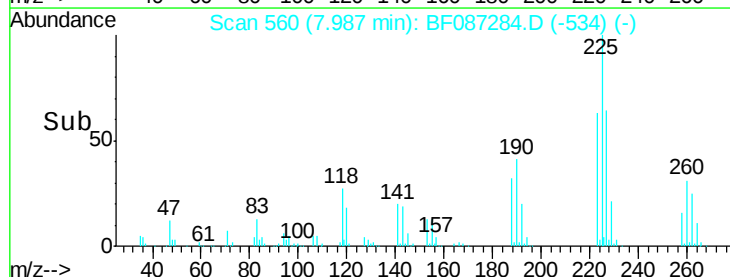
Tgt Ion:	225	Resp:	206486
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.5	77.3
227	64.2	52.2	78.2

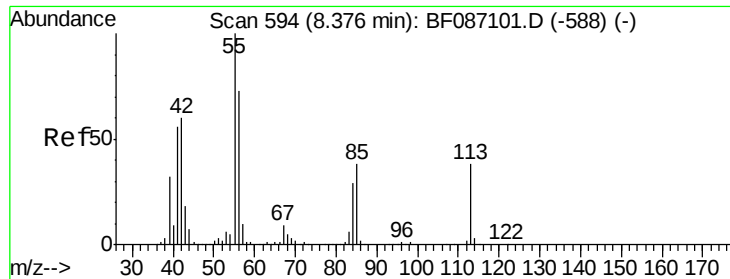


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.87 ng/ml

RT: 8.33 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleID :

PB90787BS

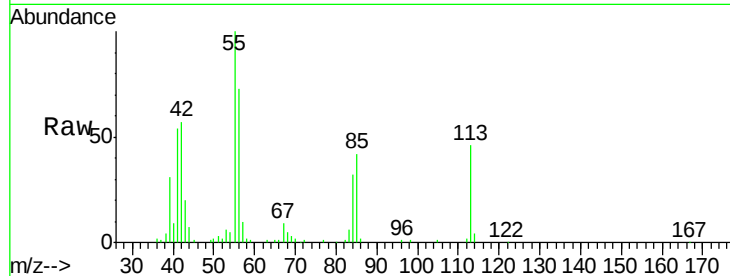
Tot Ion:113 Resp: 97972

Ion Ratio Lower Upper

113 100

55 218.1 162.0 202.0#

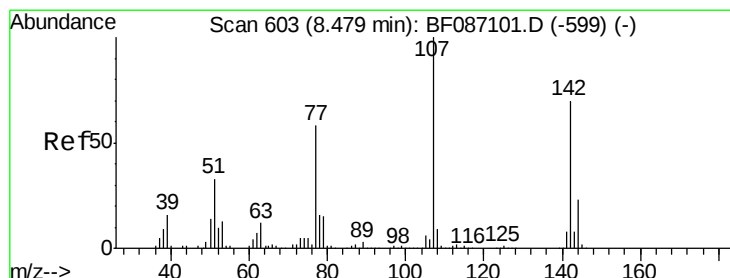
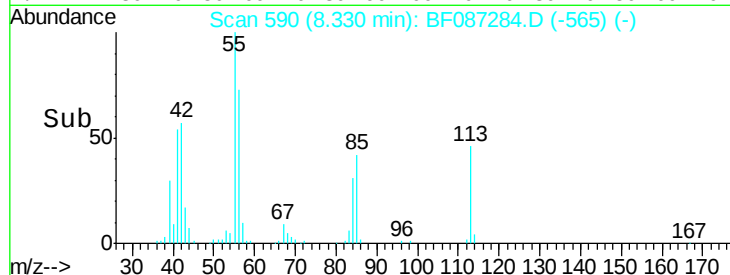
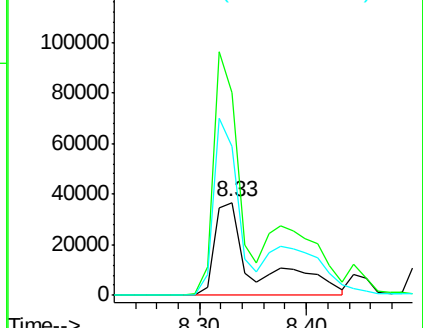
56 160.1 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.26 ng/ml

RT: 8.44 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

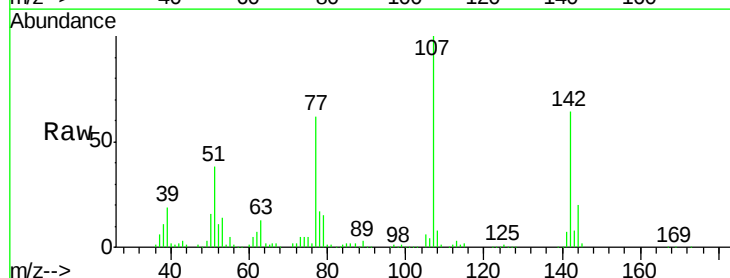
Tgt Ion:107 Resp: 358570

Ion Ratio Lower Upper

107 100

144 20.3 20.7 31.1#

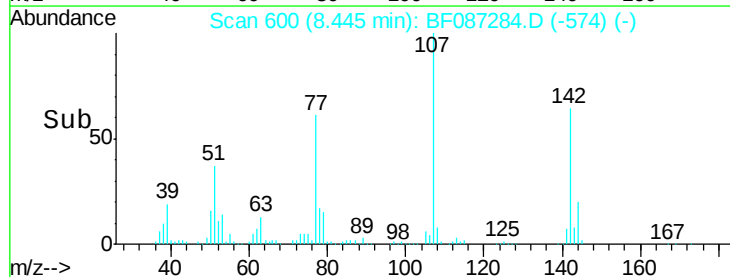
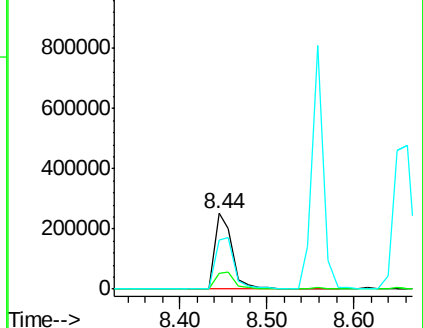
142 64.5 63.2 94.8

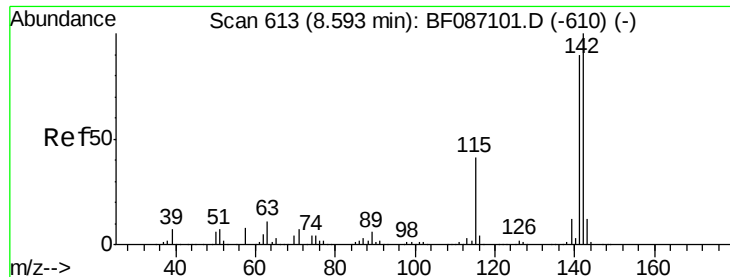


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

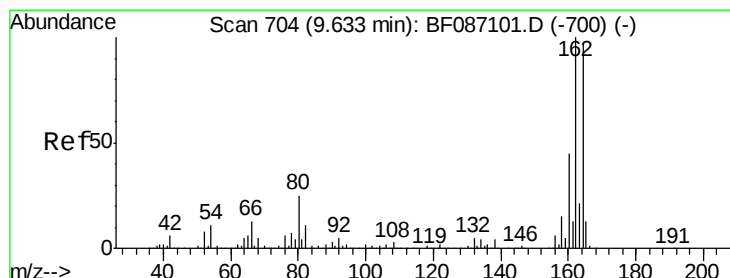
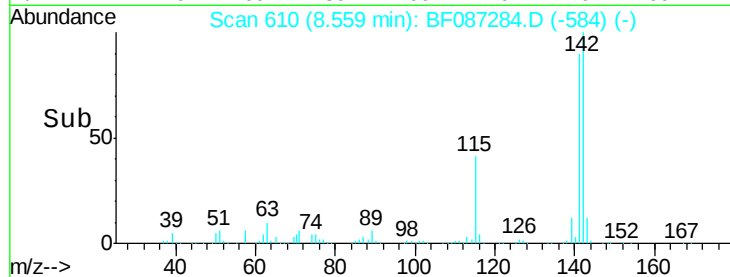
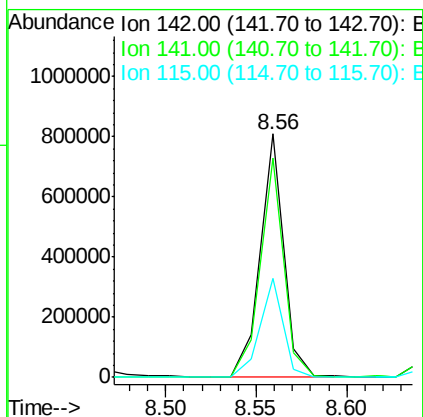
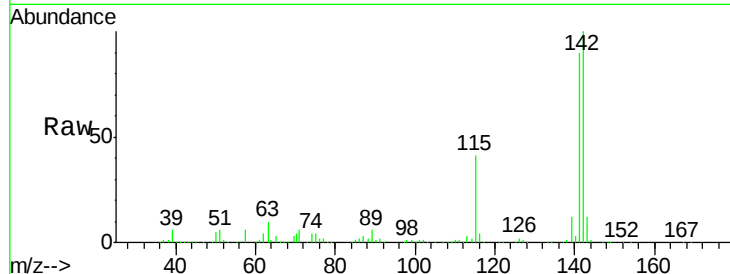




#37
2-Methylnaphthalene
Concen: 40.88 ng/mL
RT: 8.56 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

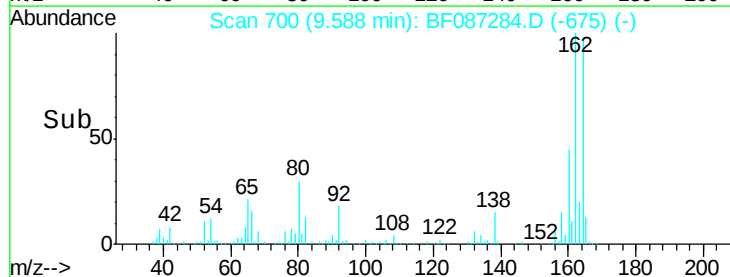
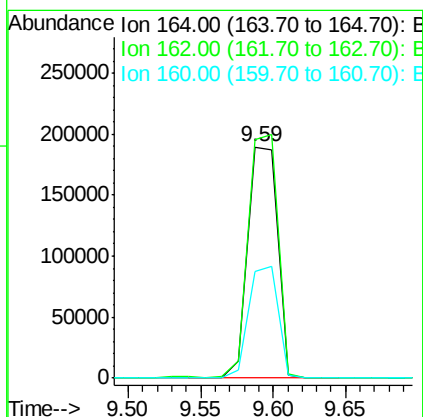
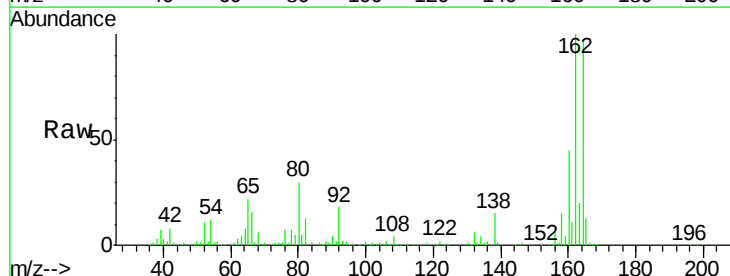
Instrument :
BNA_F
ClientSampleId :
PB90787BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	40.9	26.6	39.8



#38
Acenaphthene-d10
Concen: 20.00 ng/mL
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

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

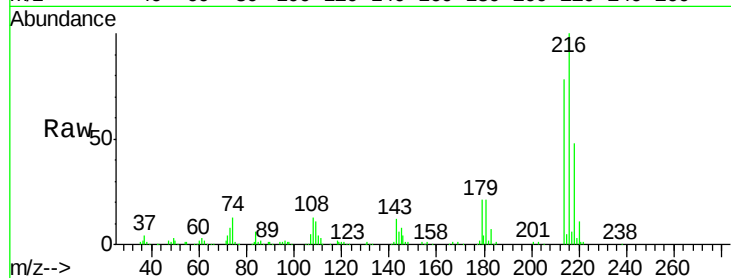




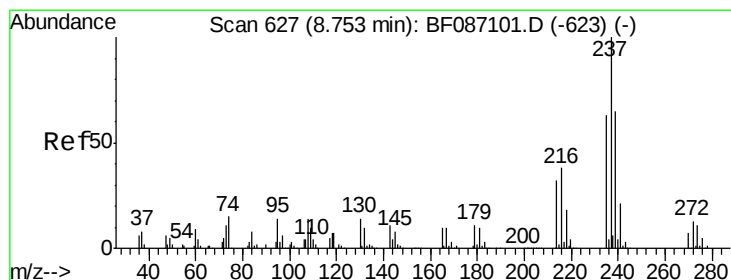
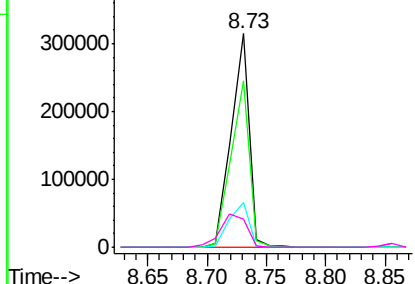
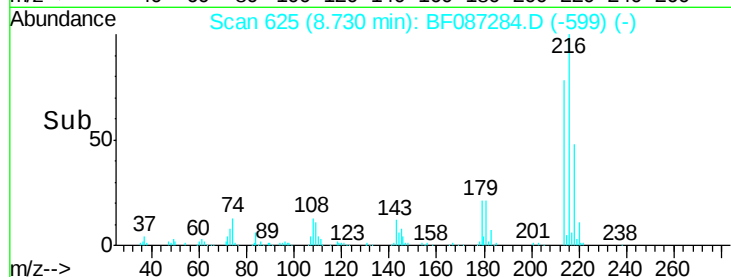
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.27 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Instrument :
 BNA_F
 ClientSampled :
 PB90787BS

Tot 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

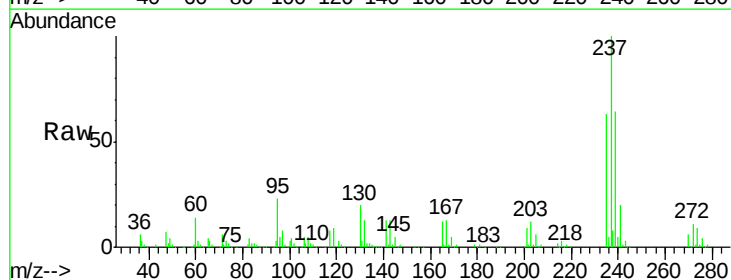


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

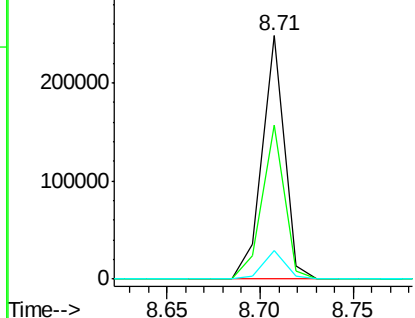
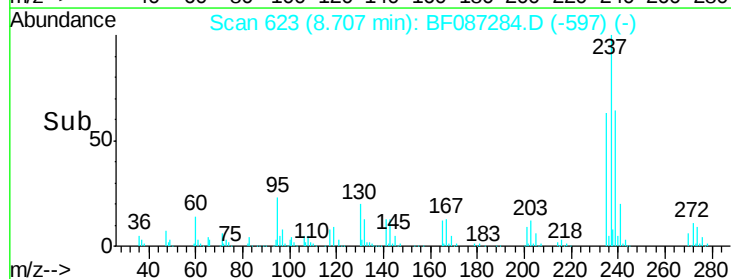


#40
 Hexachlorocyclopentadiene
 Concen: 68.57 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

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

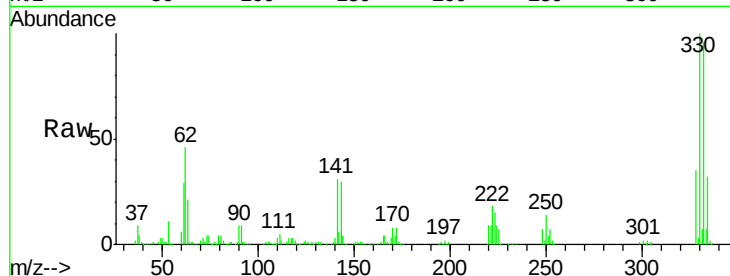




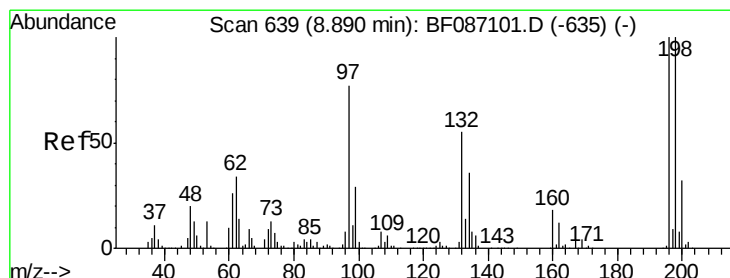
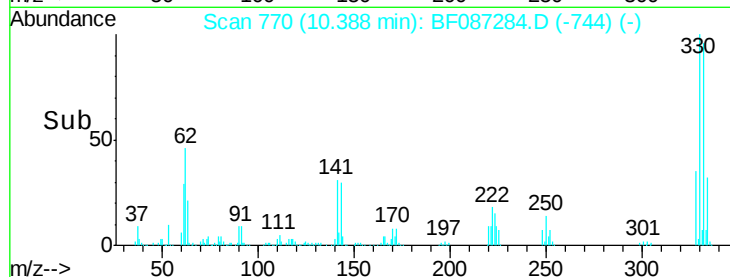
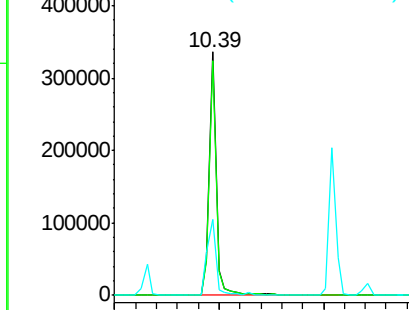
#41
 2,4,6-Tribromophenol
 Concen: 106.09 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90787BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.0	118.4
141	39.5	31.2	46.8

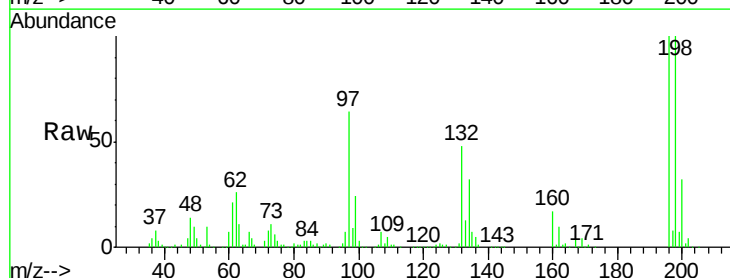


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

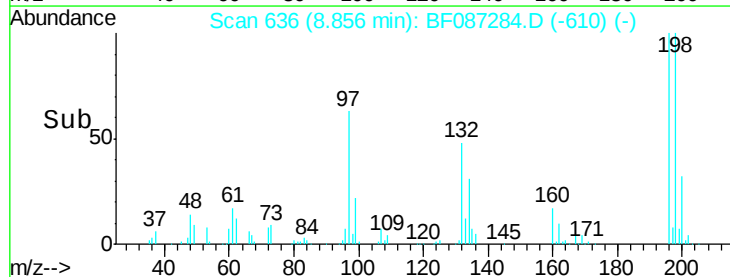
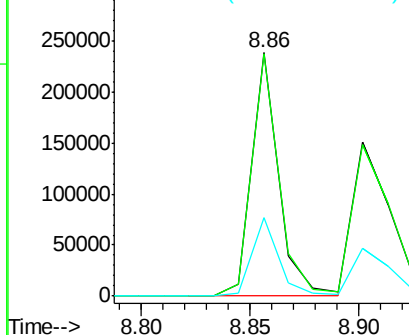


#42
 2,4,6-Trichlorophenol
 Concen: 40.46 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Tgt Ion	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

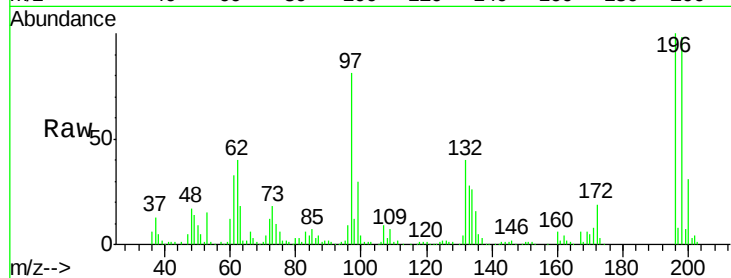




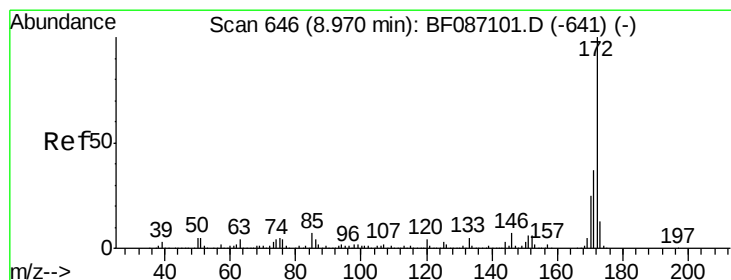
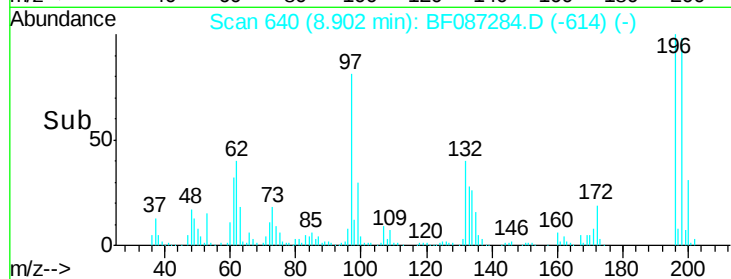
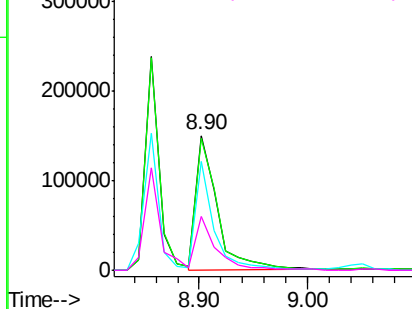
#43
 2,4,5-Trichlorophenol
 Concen: 38.36 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90787BS

Tot 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

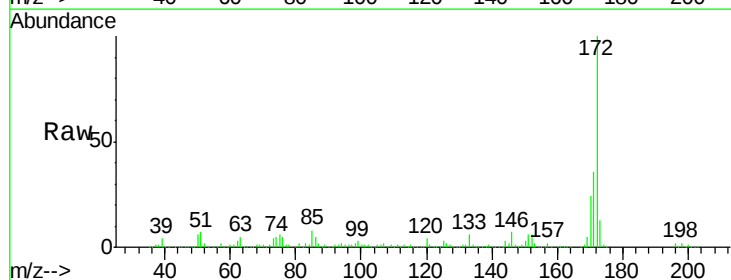


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

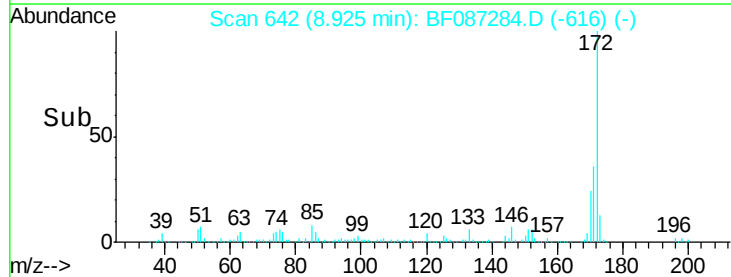
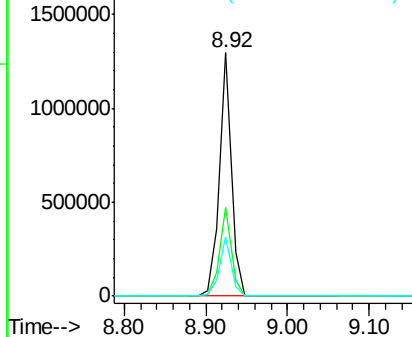


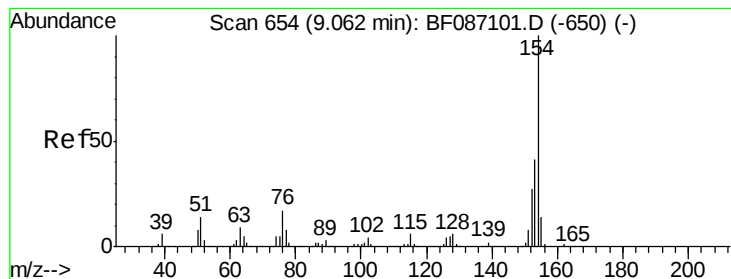
#44
 2-Fluorobiphenyl
 Concen: 81.02 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Tgt Ion	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

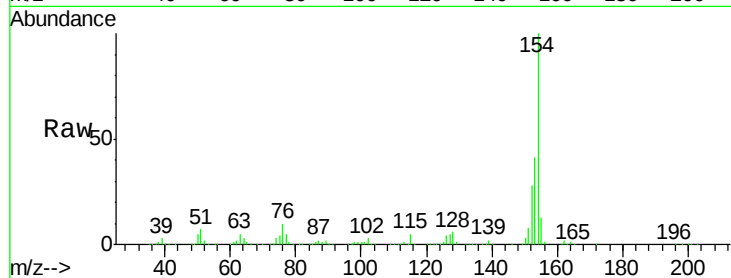
Tot Ion:154 Resp: 974905

Ion Ratio Lower Upper

154 100

153 41.1 20.3 60.3

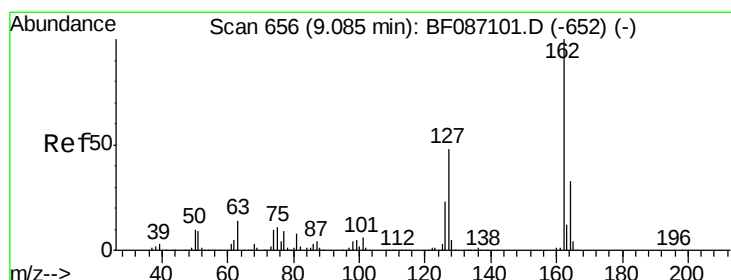
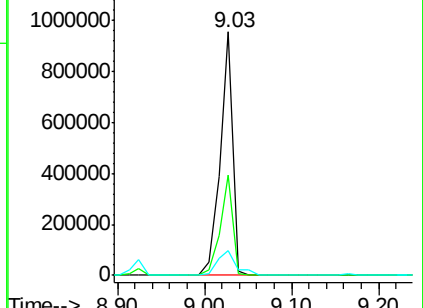
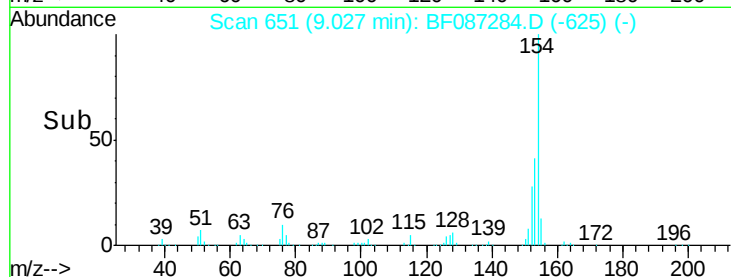
76 10.4 0.0 30.2



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

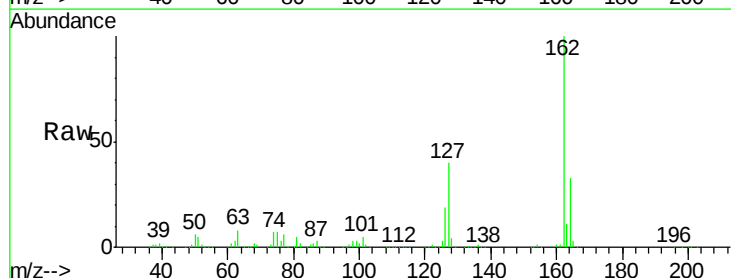
Tgt Ion:162 Resp: 721869

Ion Ratio Lower Upper

162 100

127 40.4 31.8 47.6

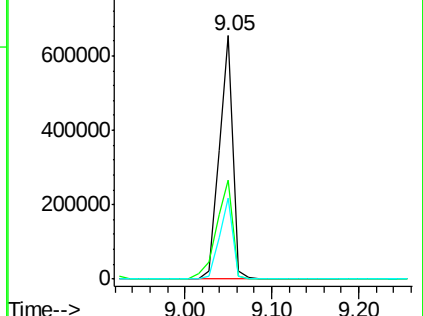
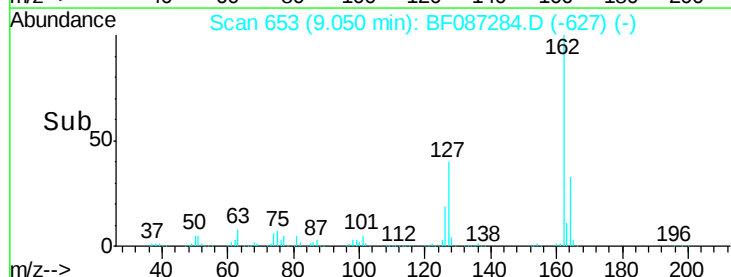
164 33.3 27.0 40.6

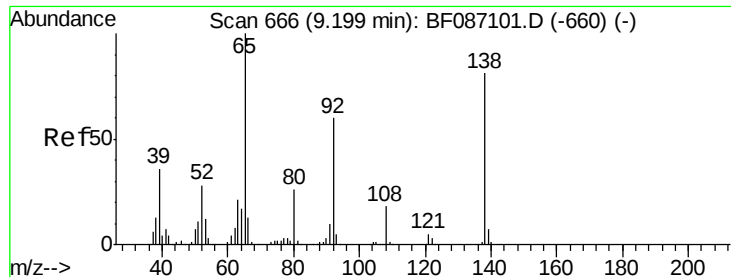


Abundance Ion 162.00 (161.70 to 162.70): E

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

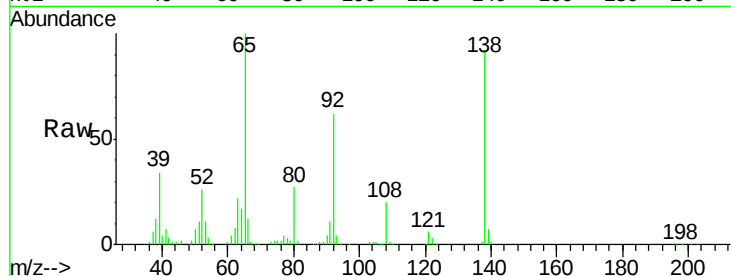
Tot Ion: 65 Resp: 278493

Ion Ratio Lower Upper

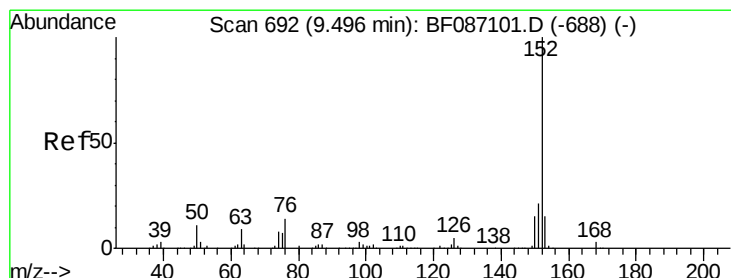
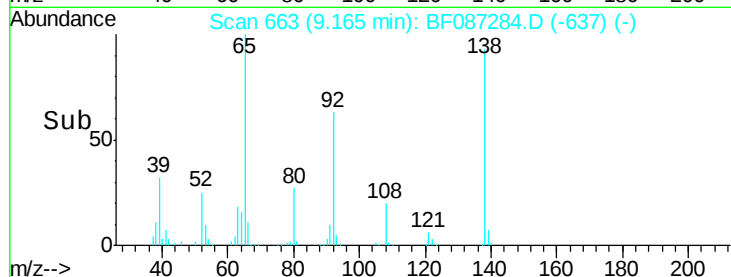
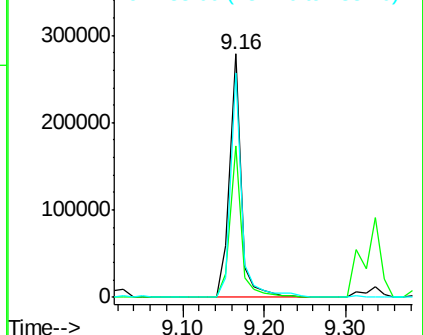
65 100

92 62.3 57.4 86.2

138 92.0 90.1 135.1



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 39.24 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

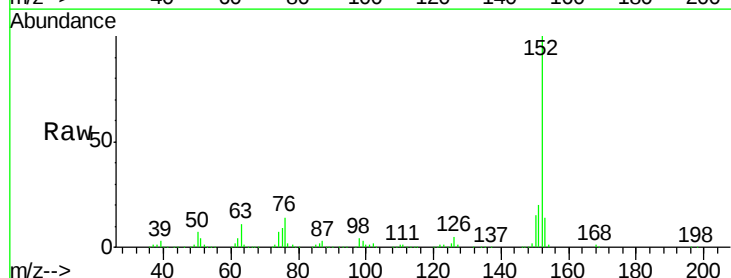
Tgt Ion:152 Resp: 1030165

Ion Ratio Lower Upper

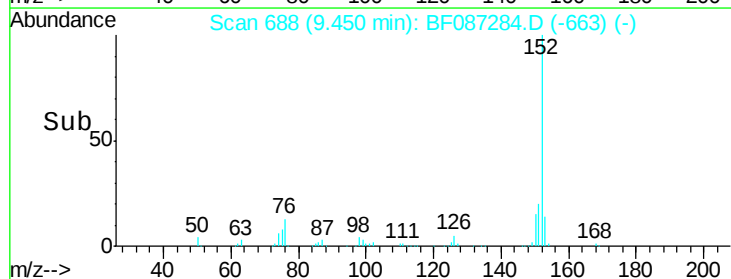
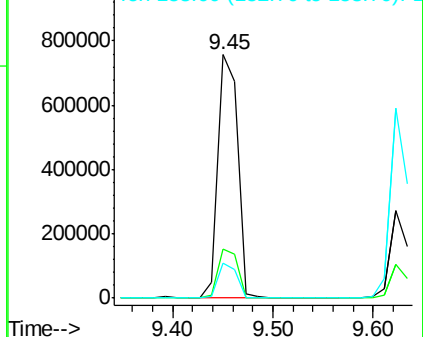
152 100

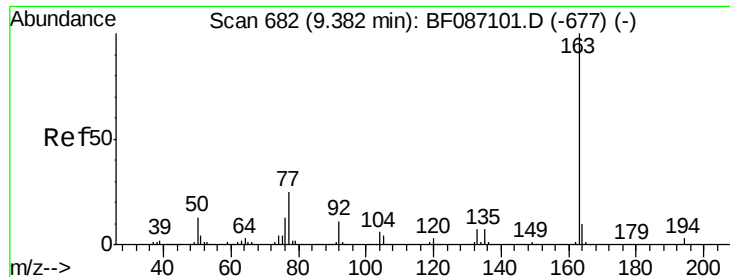
151 20.3 16.8 25.2

153 14.5 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#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

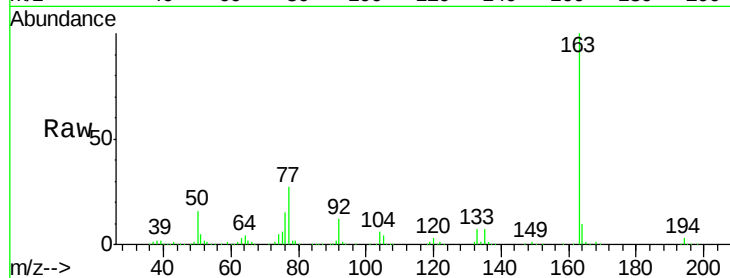
Tot Ion:163 Resp: 818772

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

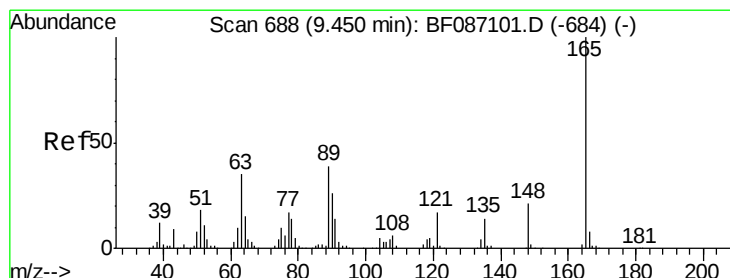
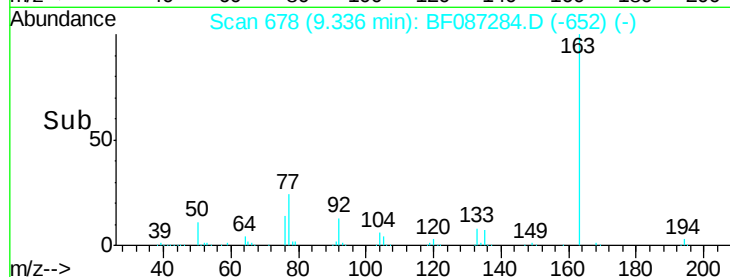
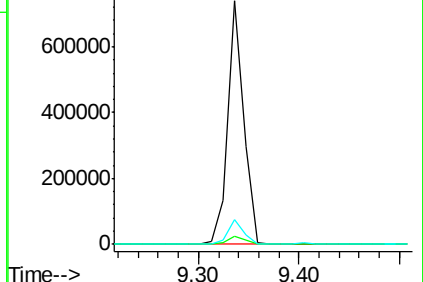
164 10.3 8.2 12.4



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

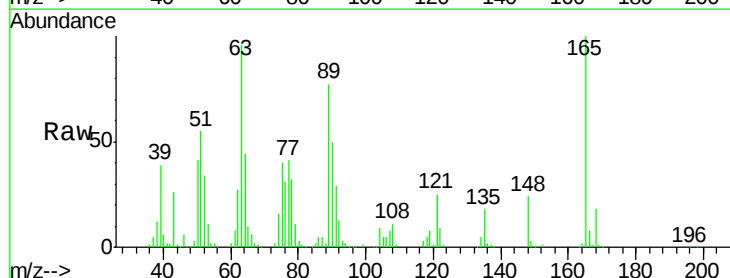
Tgt Ion:165 Resp: 170771

Ion Ratio Lower Upper

165 100

63 96.1 51.8 77.8#

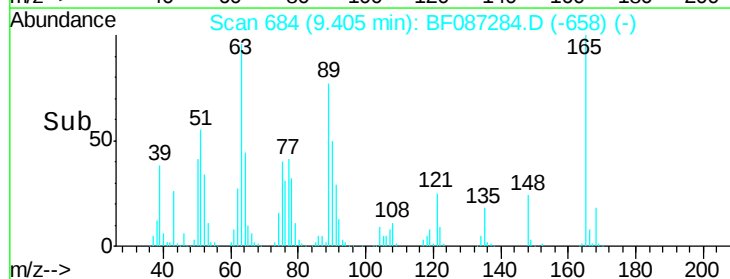
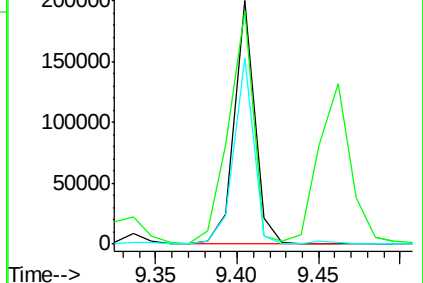
89 76.6 50.7 76.1#

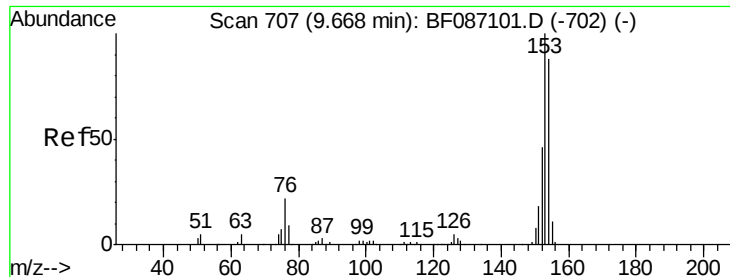


Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.01 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

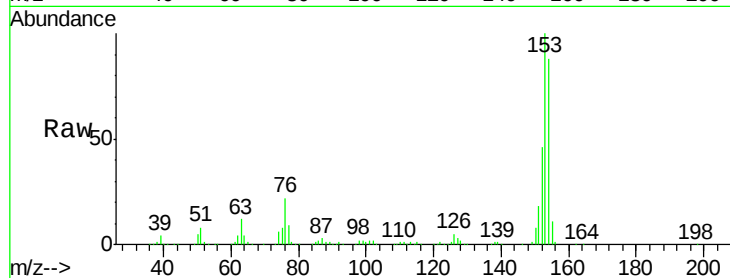
Tot Ion:154 Resp: 614473

Ion Ratio Lower Upper

154 100

153 113.8 89.8 134.6

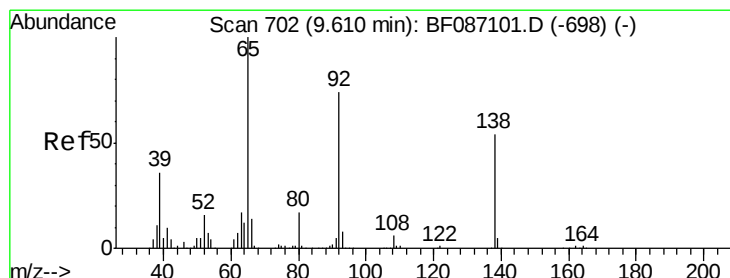
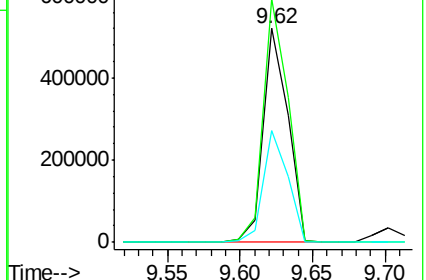
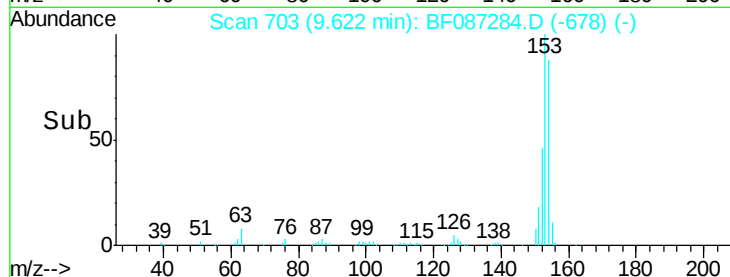
152 52.5 43.4 65.0



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

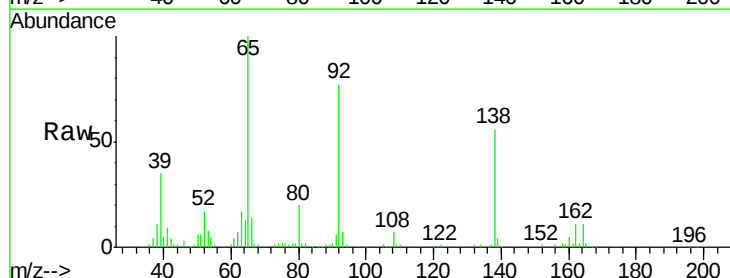
Tgt Ion:138 Resp: 86798

Ion Ratio Lower Upper

138 100

108 11.8 7.8 11.6#

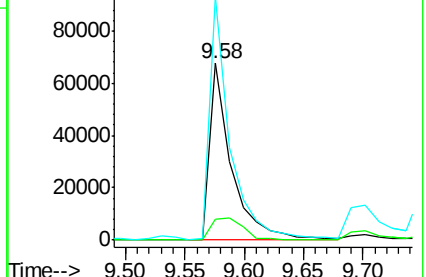
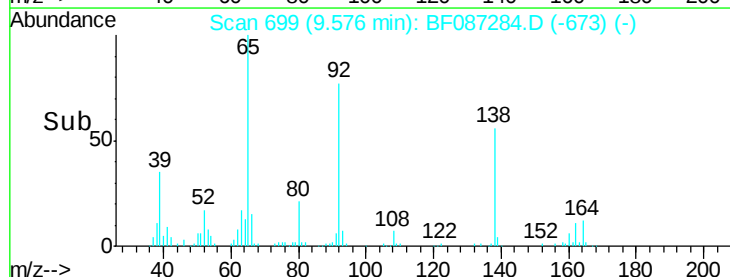
92 138.0 87.8 131.8#

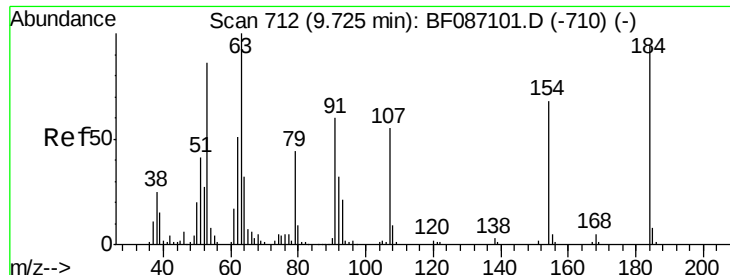


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

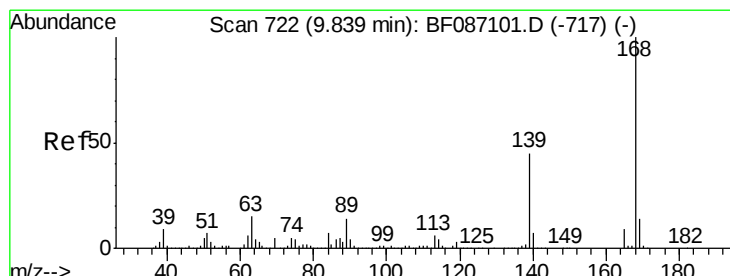
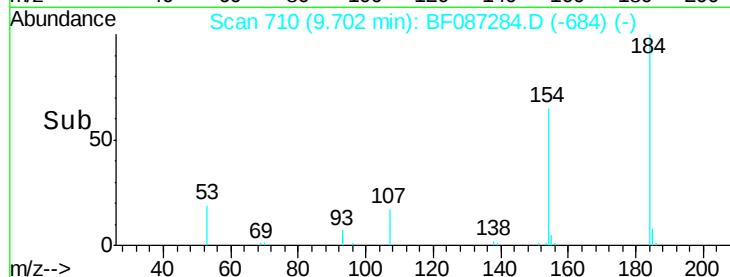
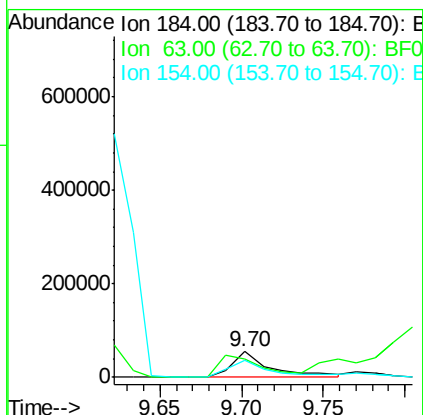
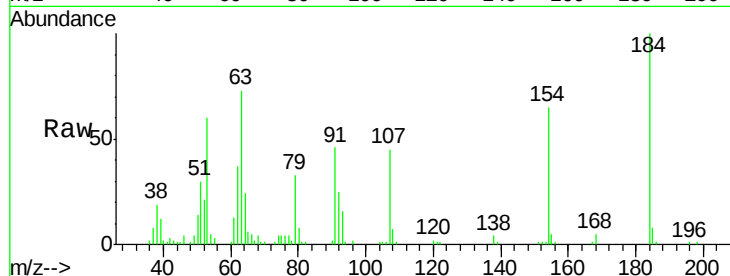




#53
 2,4-Dinitrophenol
 Concen: 38.47 ng
 RT: 9.70 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

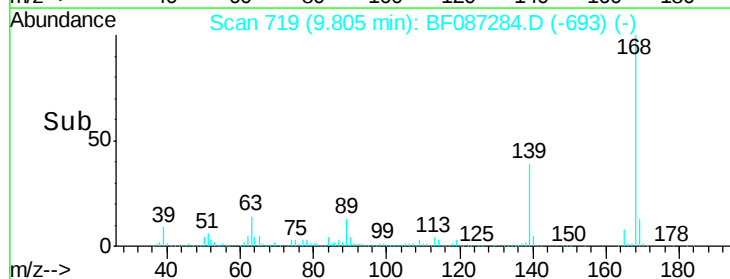
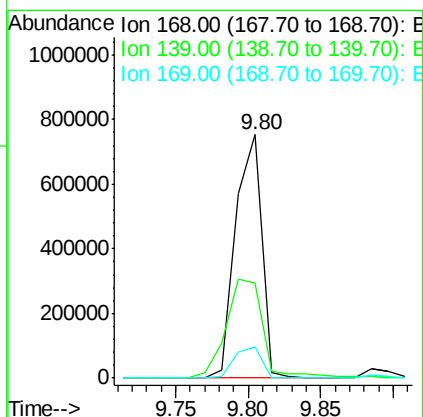
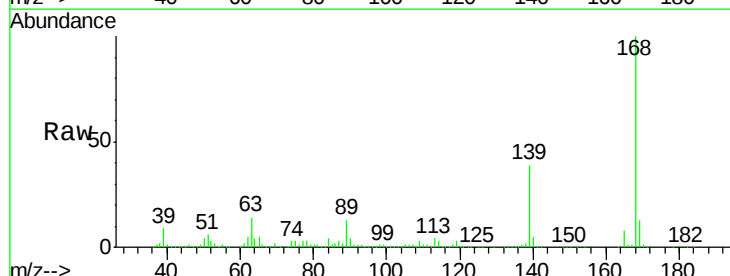
Instrument :
 BNA_F
 ClientSampleId :
 PB90787BS

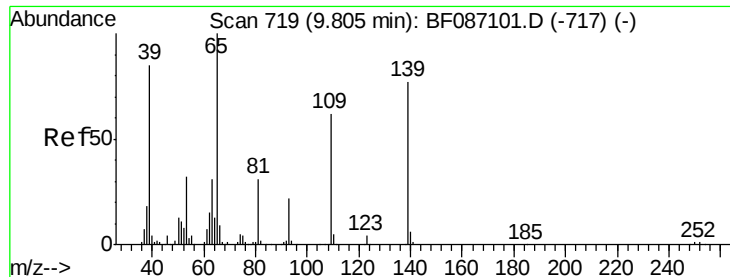
Tot Ion:184 Resp: 91900
 Ion Ratio Lower Upper
 184 100
 63 73.4 55.8 83.8
 154 65.4 62.4 93.6



#54
 Dibenzofuran
 Concen: 44.43 ng
 RT: 9.80 min Scan# 719
 Delta R.T. 0.00 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: 37.87 ng/mL

RT: 9.78 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleID :

PB90787BS

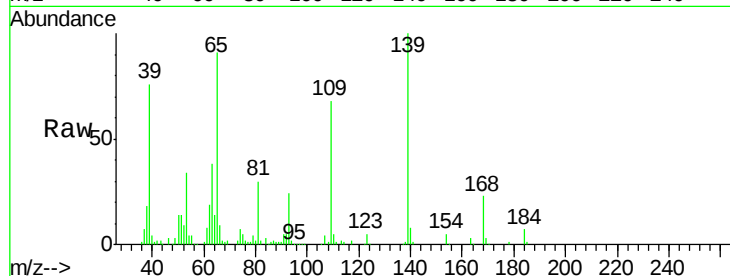
Tot Ion:139 Resp: 85783

Ion Ratio Lower Upper

139 100

109 68.2 36.9 76.9

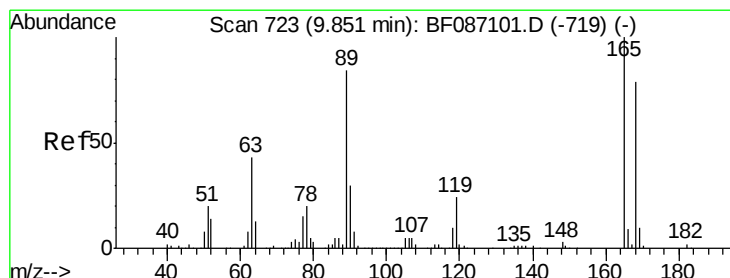
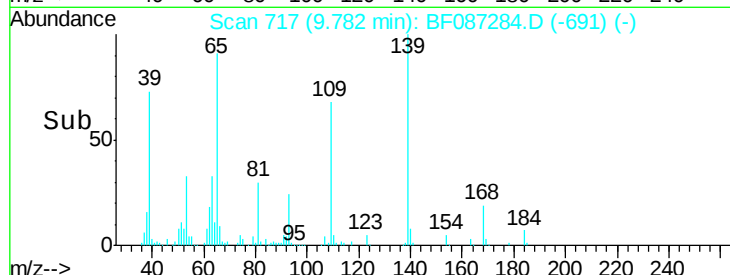
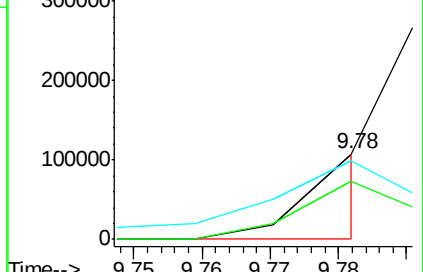
65 91.2 64.0 104.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.72 ng/mL

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

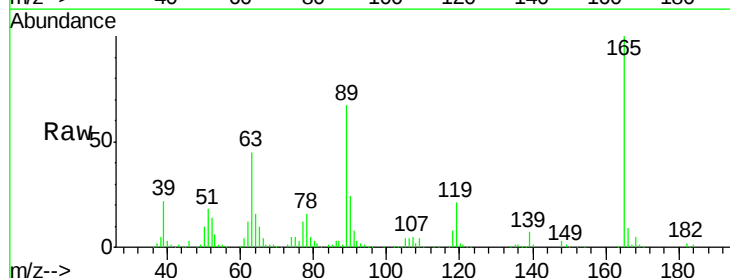
Ion Ratio Lower Upper

165 100

63 45.2 44.3 66.5

89 67.1 70.0 105.0#

182 2.4 1.8 2.6

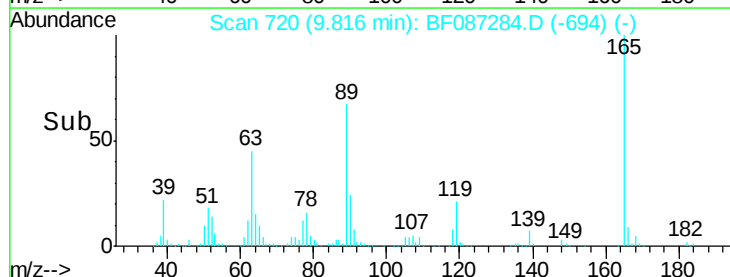
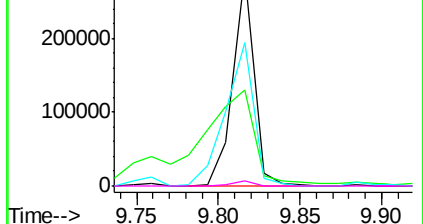


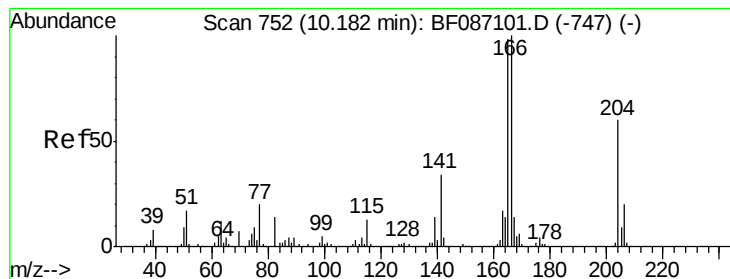
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 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

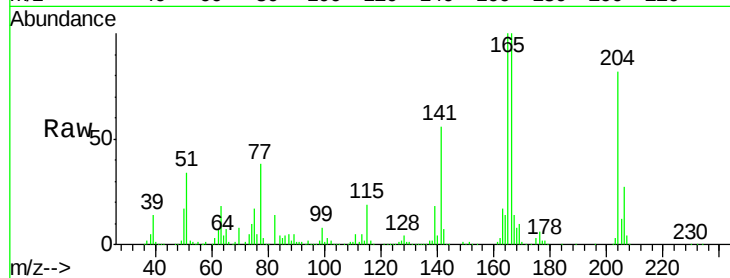
Tot Ion:166 Resp: 674273

Ion Ratio Lower Upper

166 100

165 100.0 79.0 118.6

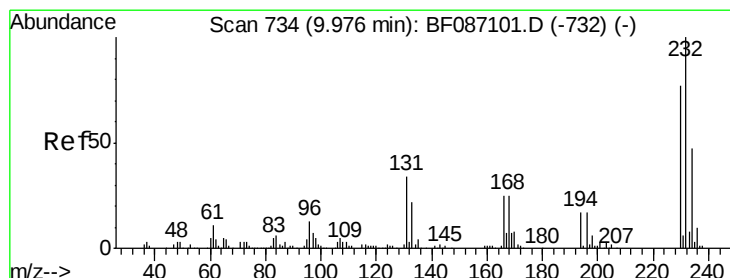
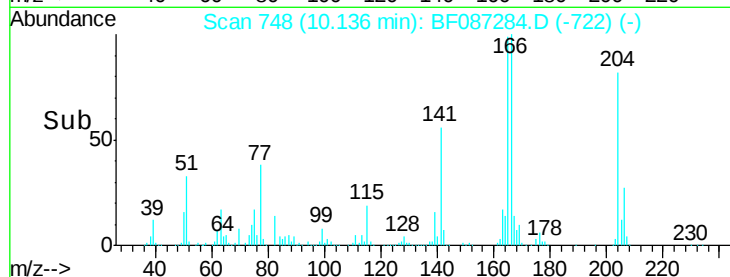
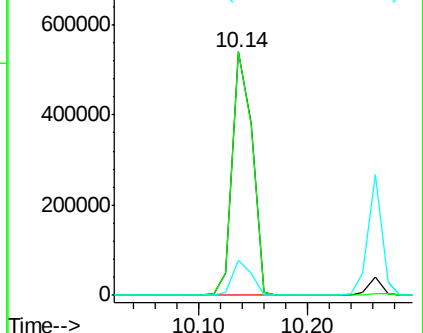
167 14.3 10.6 15.8



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

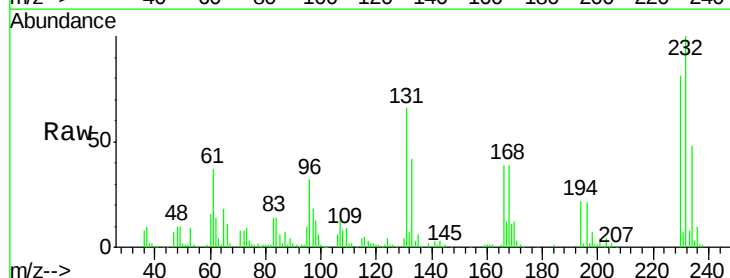
Ion Ratio Lower Upper

232 100

131 51.9 41.9 62.9

130 2.6 2.2 3.4

166 29.6 26.8 40.2

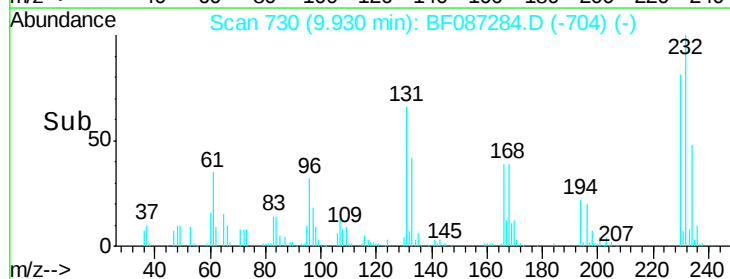
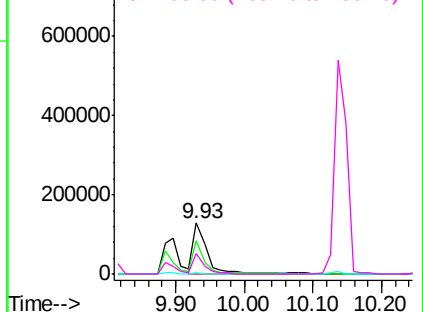


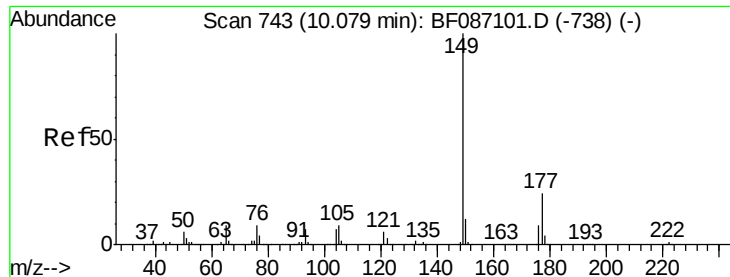
Abundance Ion 232.00 (231.70 to 232.70): E

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

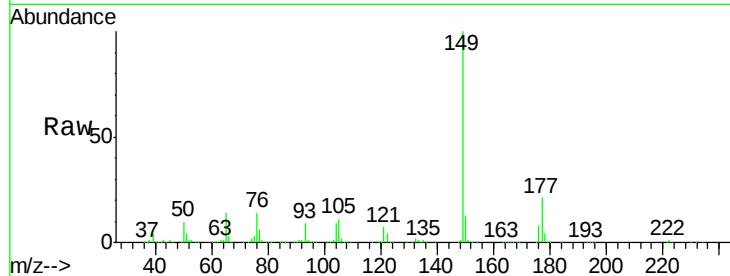




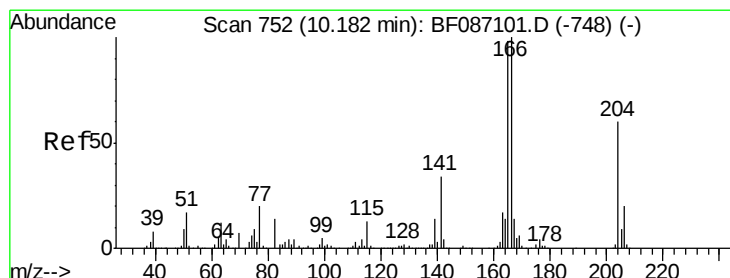
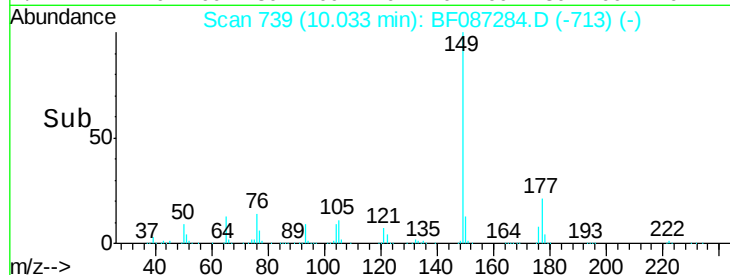
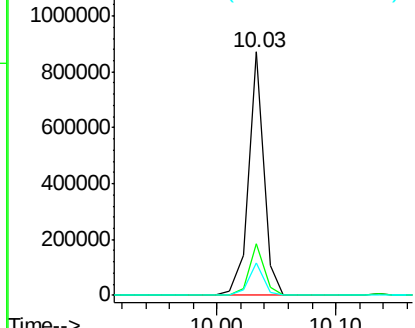
#59
Diethylphthalate
Concen: 39.89 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Instrument :
BNA_F
ClientSampleId :
PB90787BS

Tot Ion:149 Resp: 784479
Ion Ratio Lower Upper
149 100
177 21.0 16.6 24.8
150 13.1 10.0 15.0

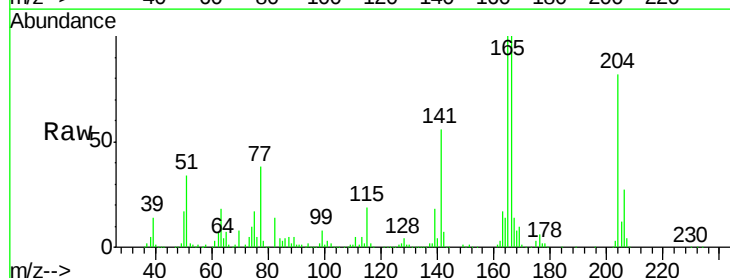


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

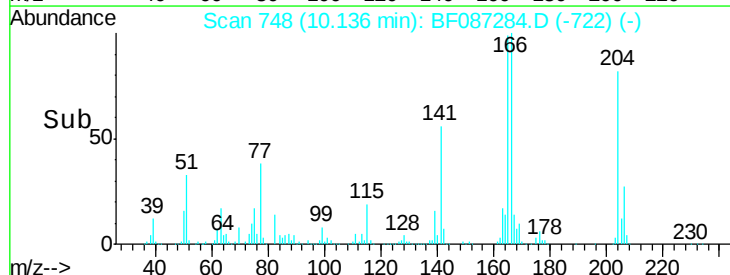
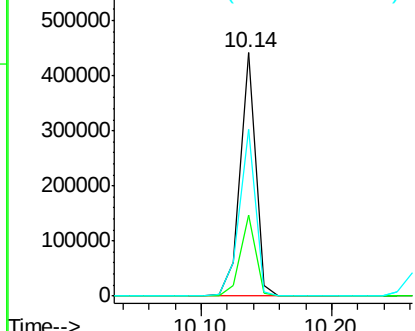


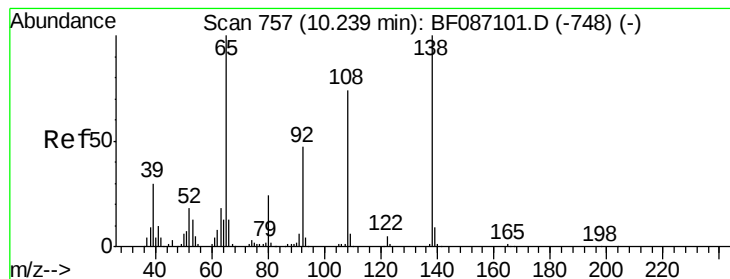
#60
4-Chlorophenyl-phenylether
Concen: 44.86 ng
RT: 10.14 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Tgt Ion:204 Resp: 362320
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

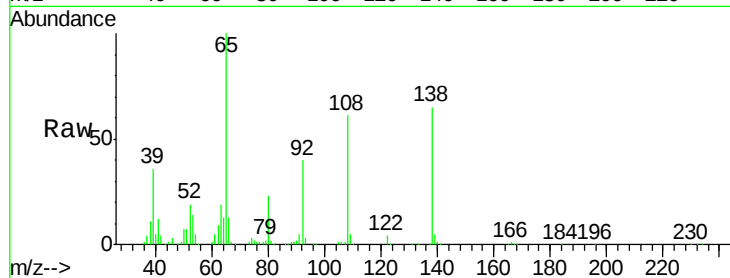
Tot Ion:138 Resp: 149689

Ion Ratio Lower Upper

138 100

92 60.9 24.7 64.7

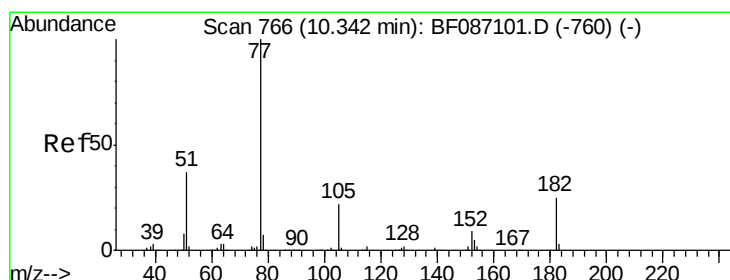
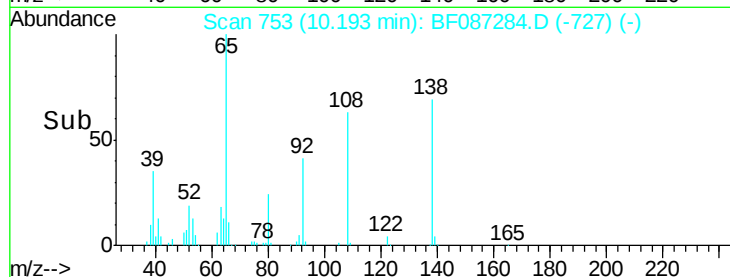
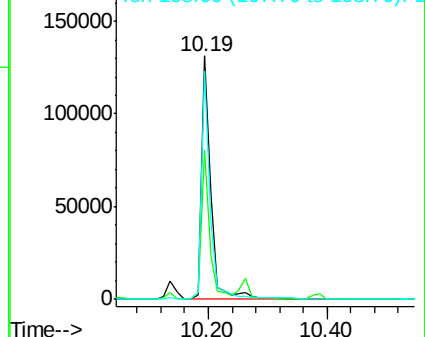
108 93.9 37.4 77.4#



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

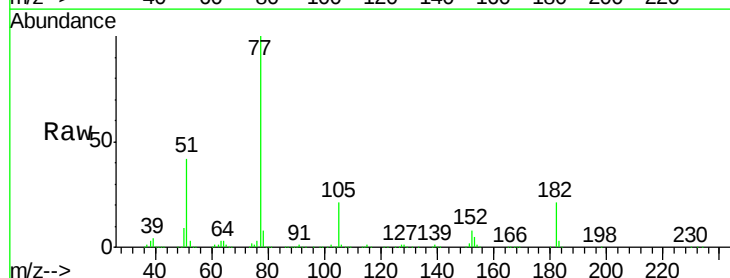
Ion Ratio Lower Upper

77 100

182 21.0 0.0 38.8

105 21.0 3.2 43.2

51 41.6 8.8 48.8

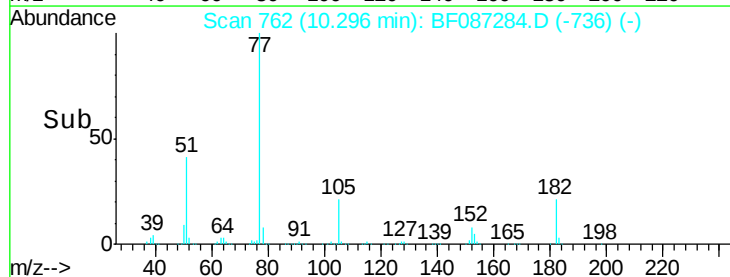
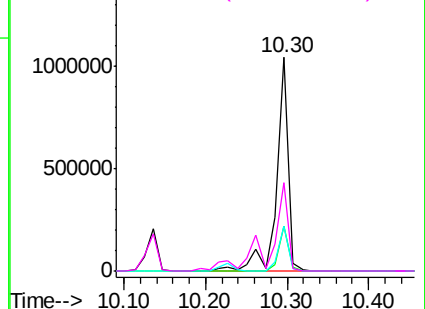


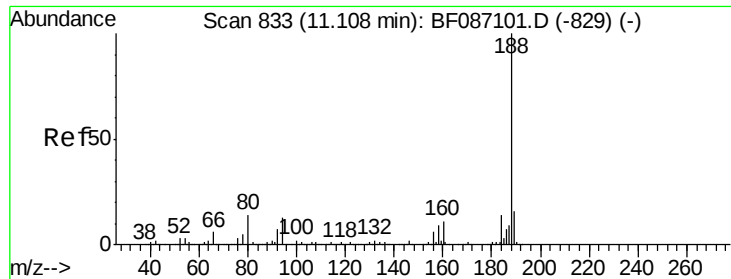
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

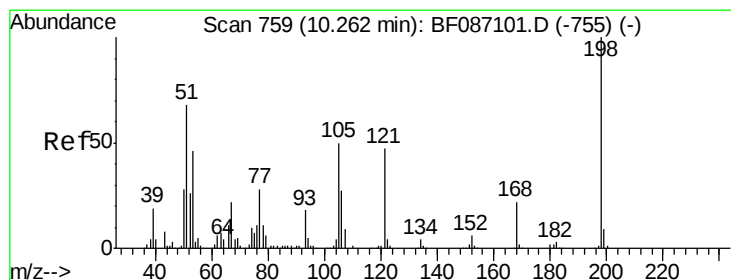
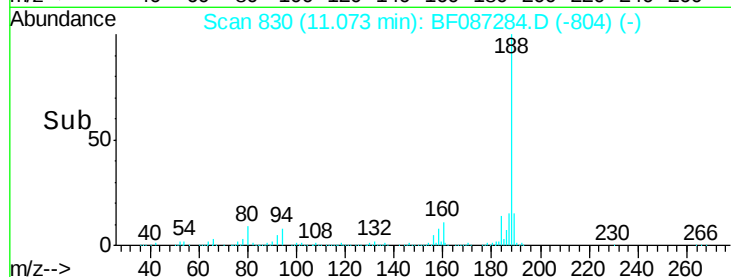
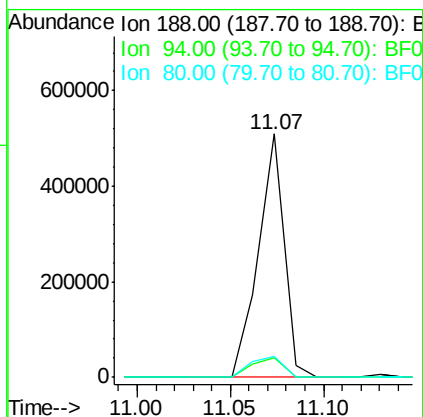
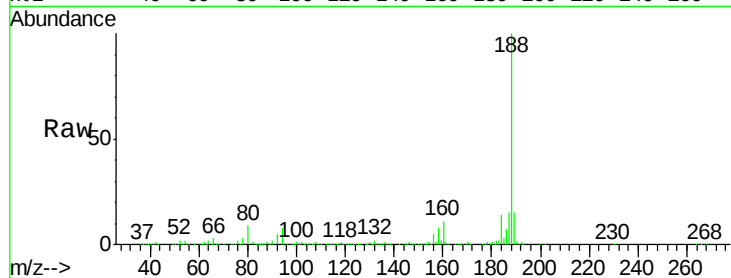




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

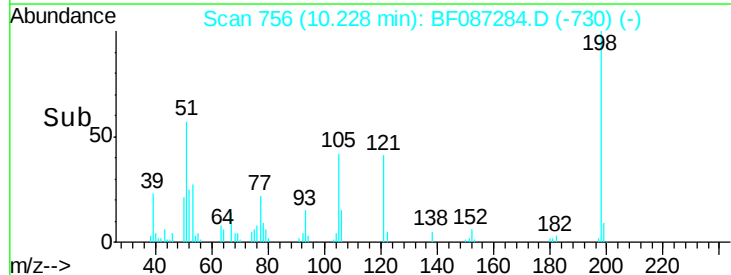
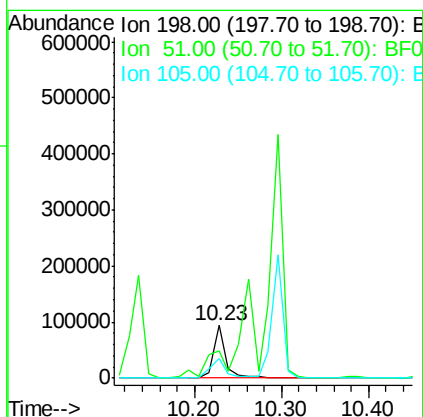
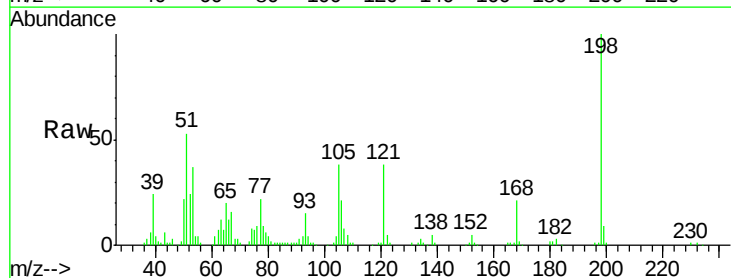
Instrument :
BNA_F
ClientSampleId :
PB90787BS

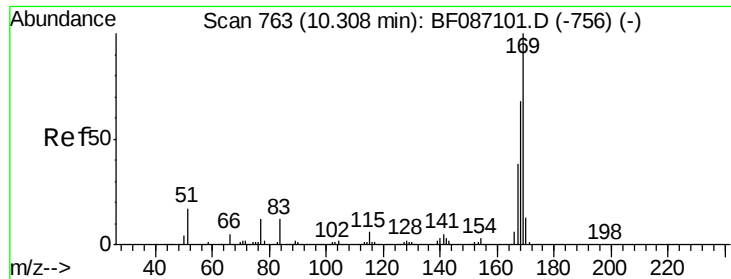
Tot Ion:188 Resp: 487450
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.6 7.1 10.7



#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

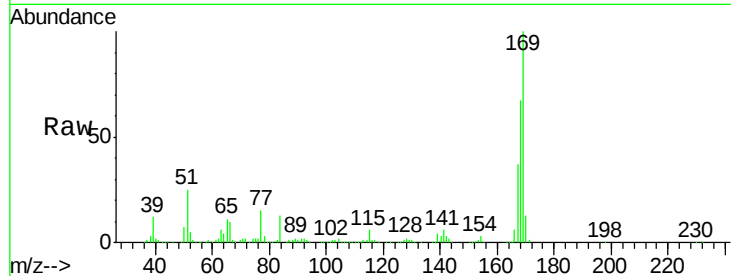
Tot Ion:169 Resp: 641983

Ion Ratio Lower Upper

169 100

168 67.5 53.8 80.6

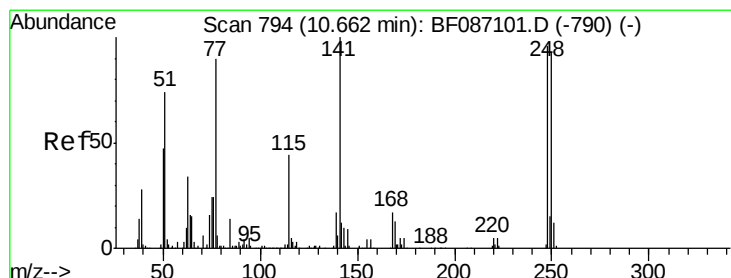
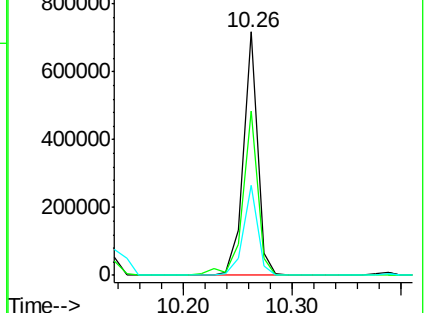
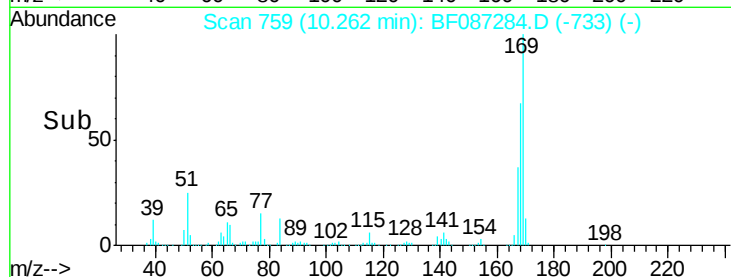
167 37.2 29.5 44.3



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

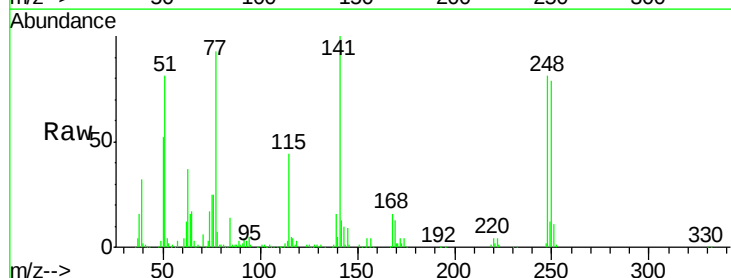
Tgt Ion:248 Resp: 200187

Ion Ratio Lower Upper

248 100

250 97.7 78.6 117.8

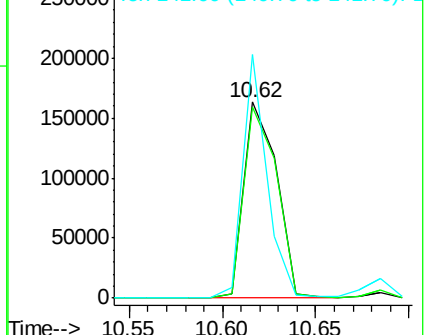
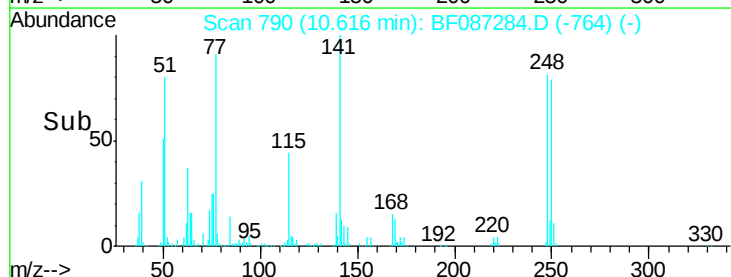
141 124.2 76.0 114.0#

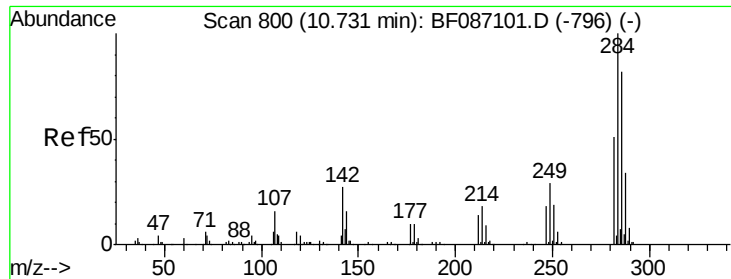


Abundance Ion 248.00 (247.70 to 248.70): E

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

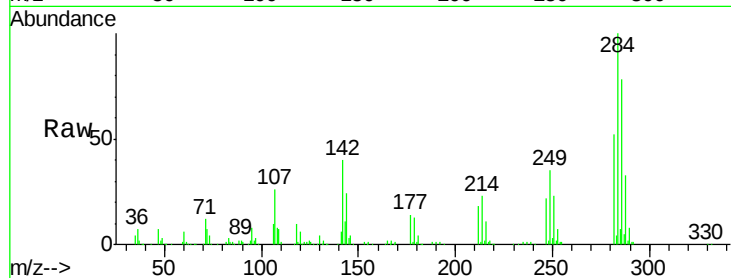
Tot Ion:284 Resp: 219215

Ion Ratio Lower Upper

284 100

142 40.4 16.7 25.1#

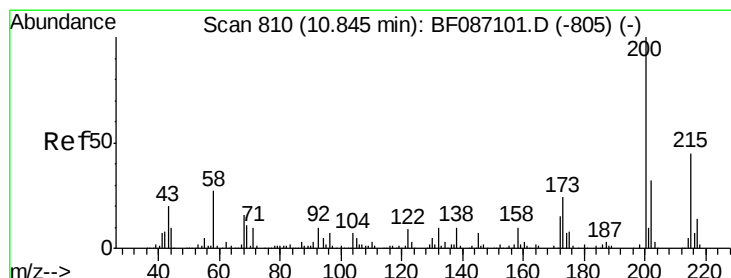
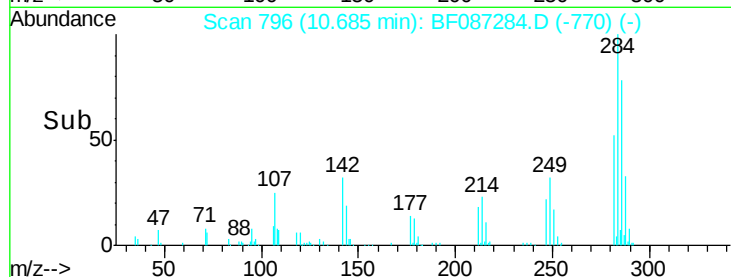
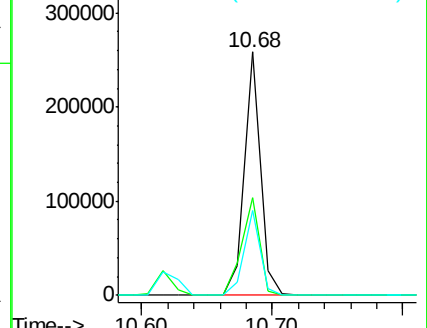
249 34.7 21.3 31.9#



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

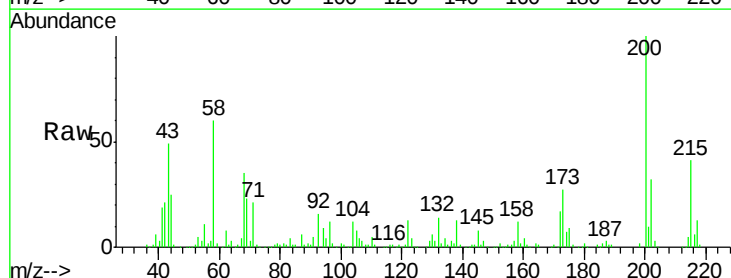
Tgt Ion:200 Resp: 226159

Ion Ratio Lower Upper

200 100

173 26.8 8.5 48.5

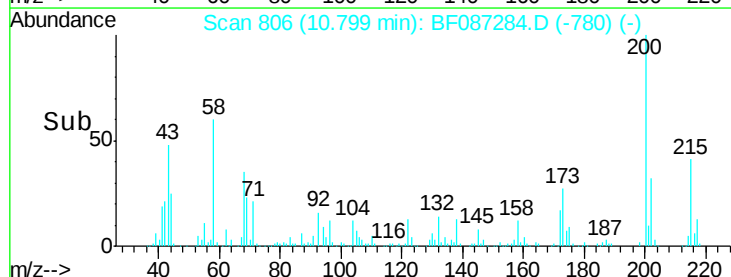
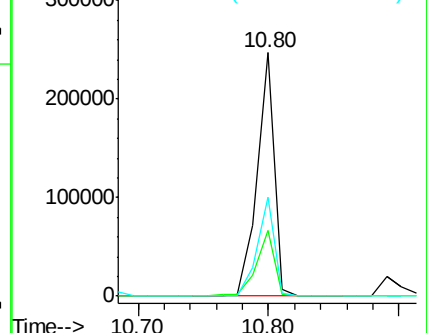
215 40.9 27.2 67.2

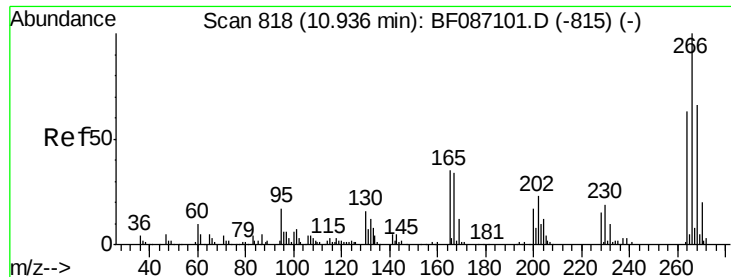


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

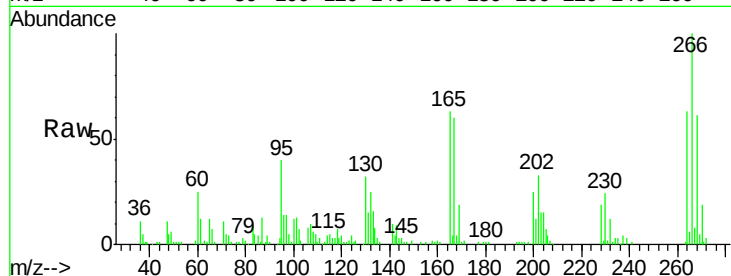




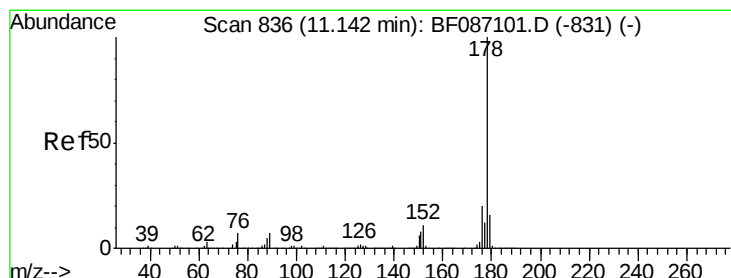
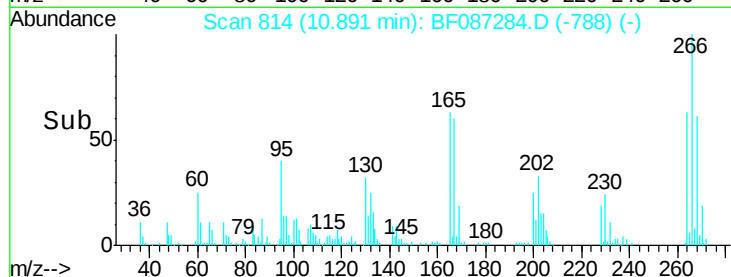
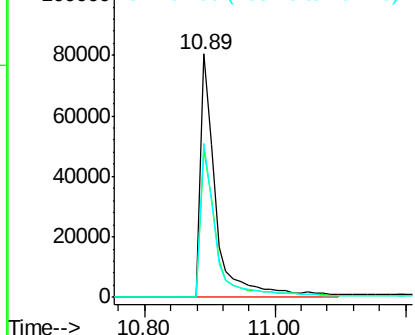
#69
 Pentachlorophenol
 Concen: 60.94 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90787BS

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

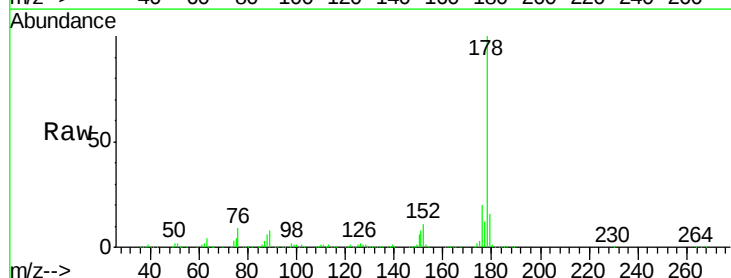


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

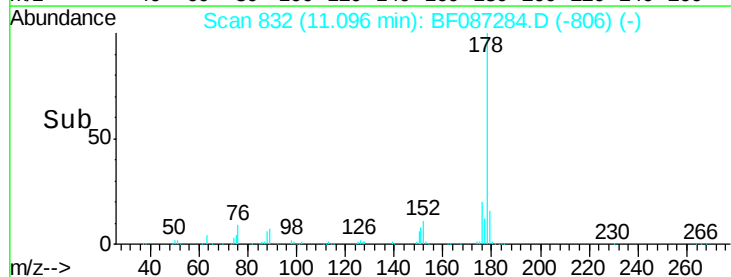
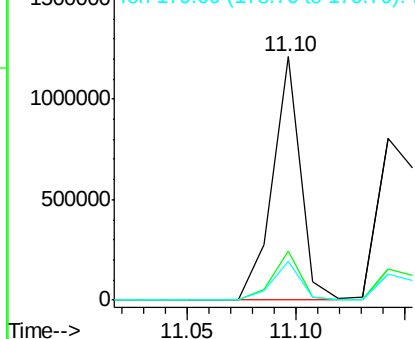


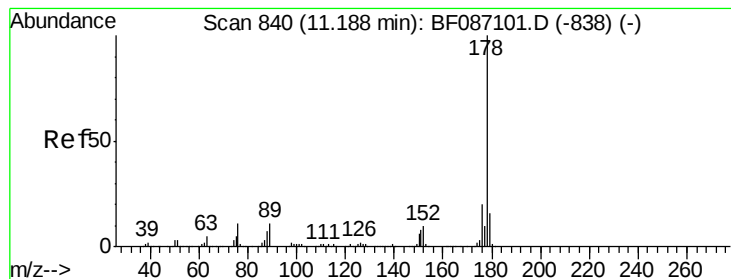
#70
 Phenanthrene
 Concen: 41.23 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

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

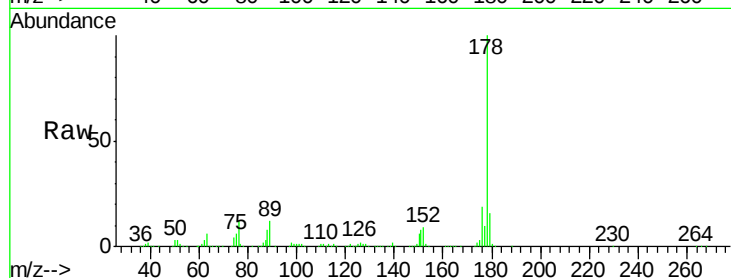
Tot Ion:178 Resp: 1065903

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

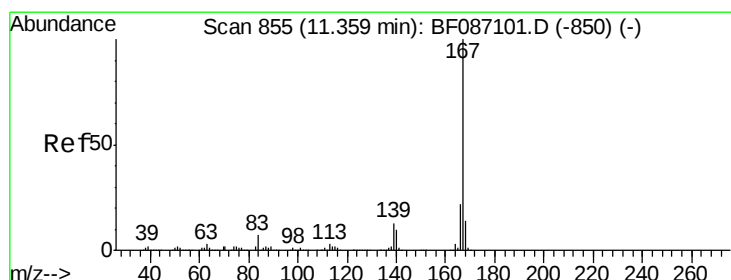
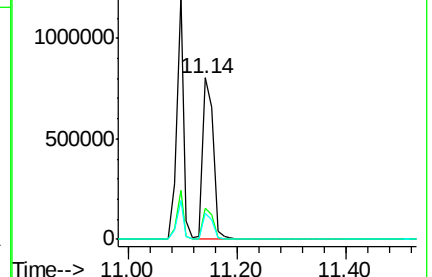
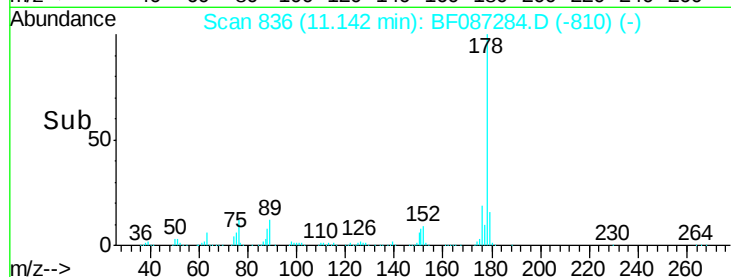
179 16.2 12.7 19.1



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

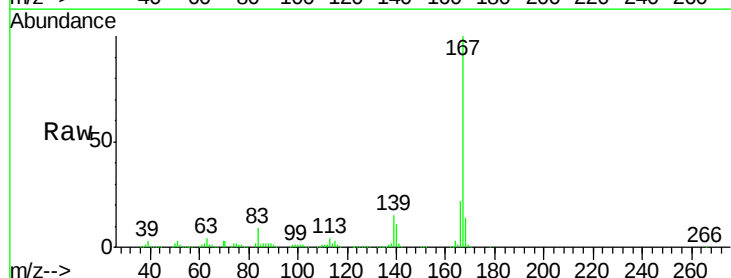
Tgt Ion:167 Resp: 938430

Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

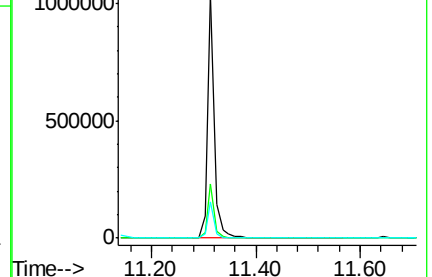
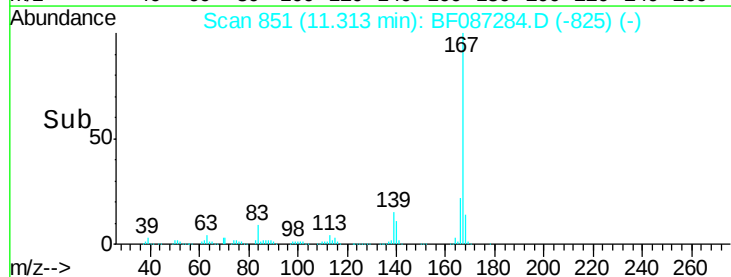
139 14.8 10.8 16.2

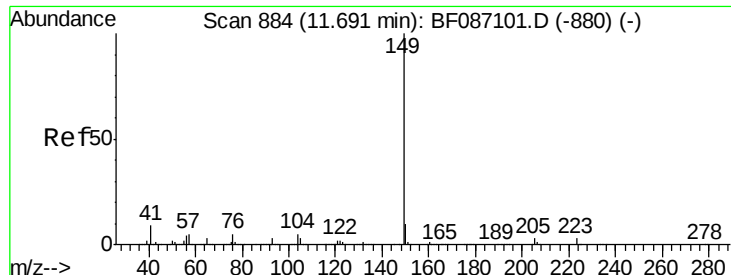


Abundance Ion 167.00 (166.70 to 167.70): E

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

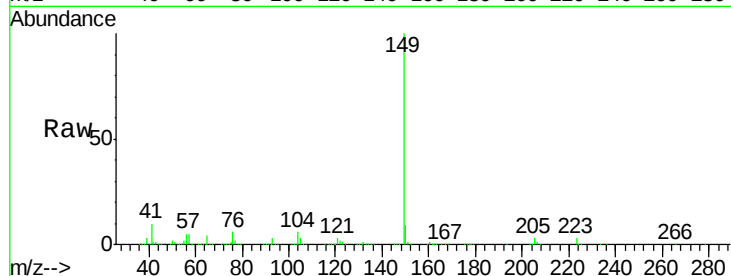
Tot Ion:149 Resp: 1295839

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

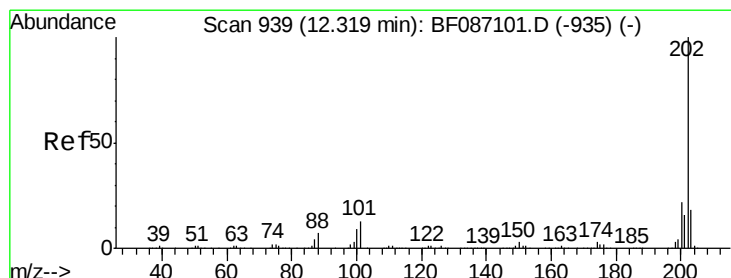
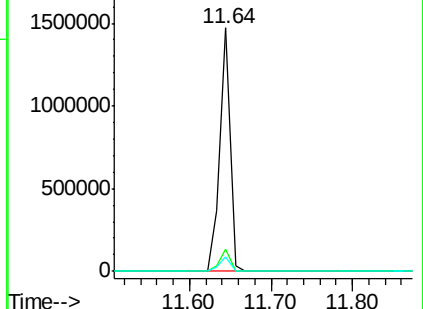
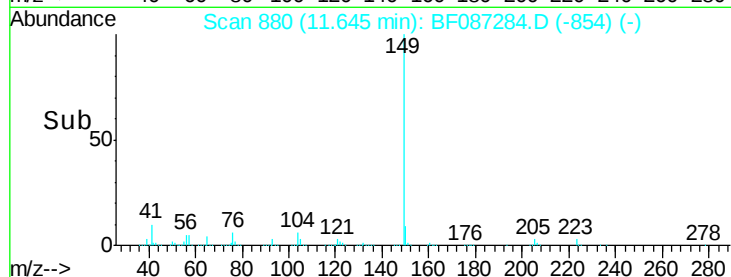
104 5.7 3.8 5.6#



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

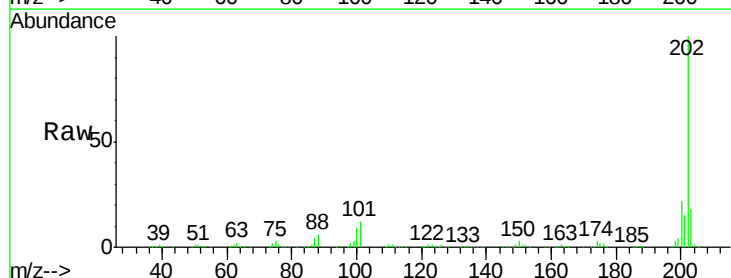
Tgt Ion:202 Resp: 1013877

Ion Ratio Lower Upper

202 100

101 12.0 0.0 35.4

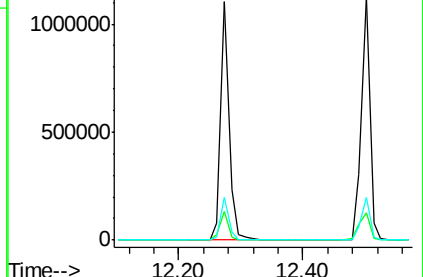
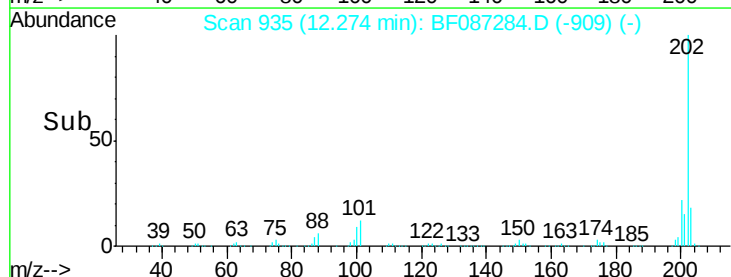
203 18.0 0.0 38.1

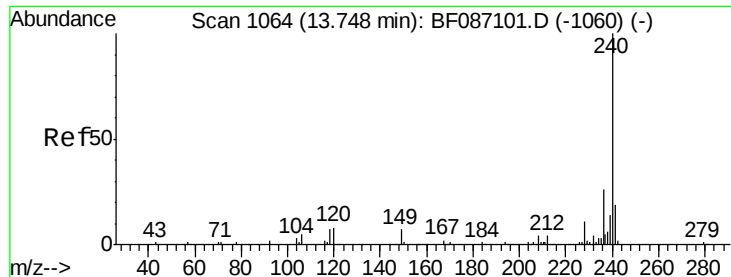


Abundance Ion 202.00 (201.70 to 202.70): E

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

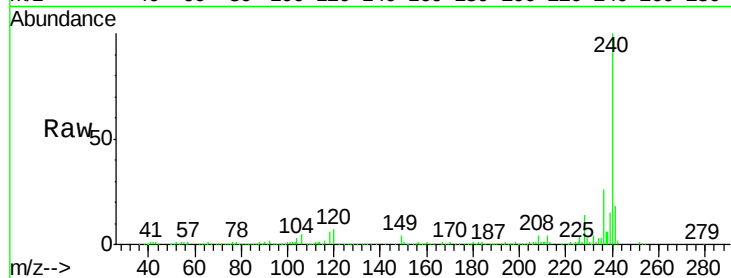
Tot Ion:240 Resp: 302407

Ion Ratio Lower Upper

240 100

120 7.1 11.2 16.8#

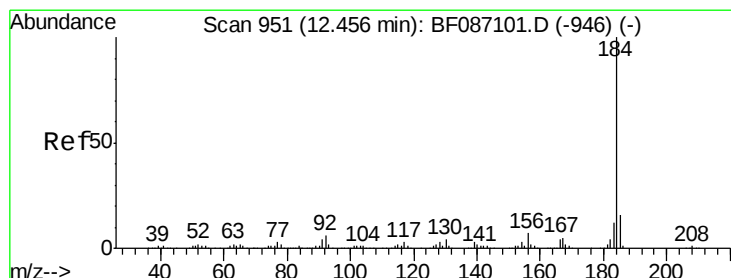
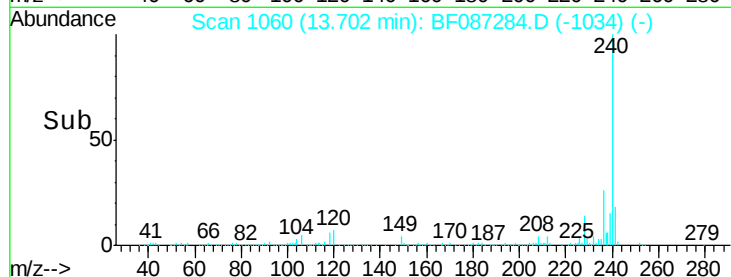
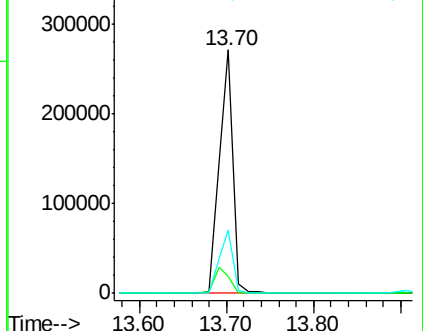
236 25.8 21.2 31.8



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

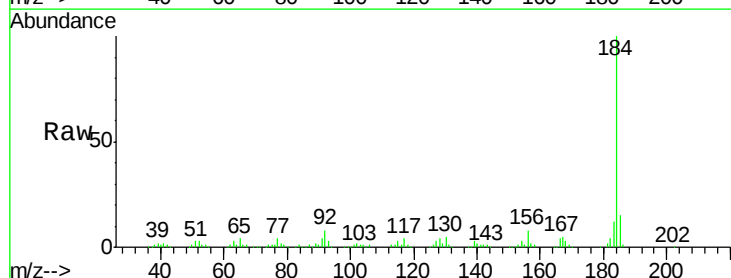
Tgt Ion:184 Resp: 288146

Ion Ratio Lower Upper

184 100

185 14.7 13.6 20.4

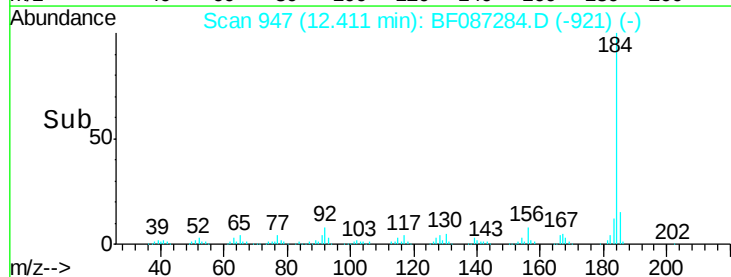
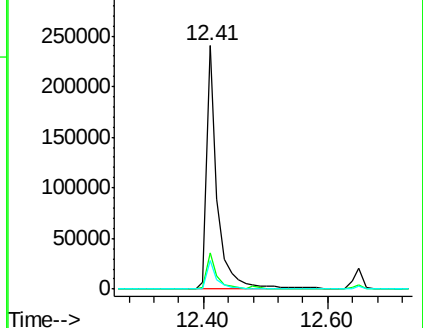
183 11.6 9.8 14.6

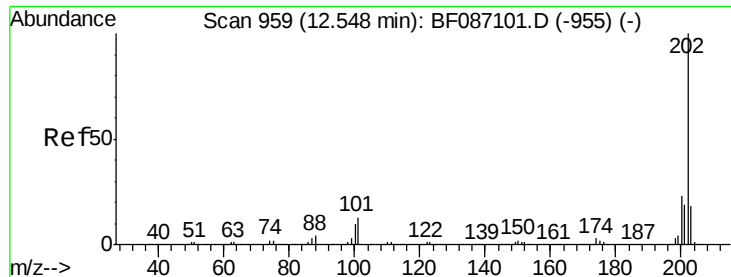


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

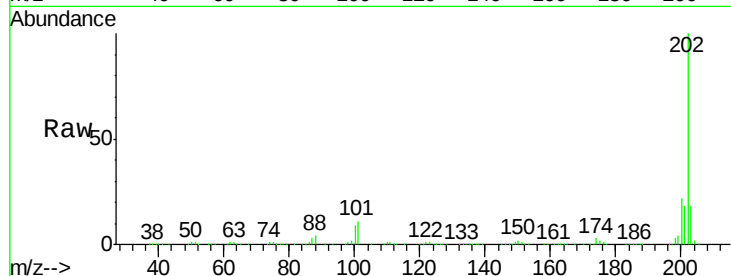




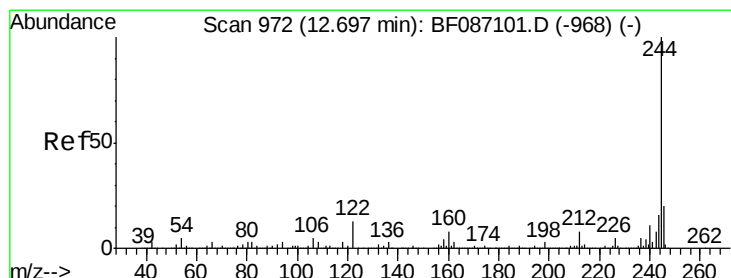
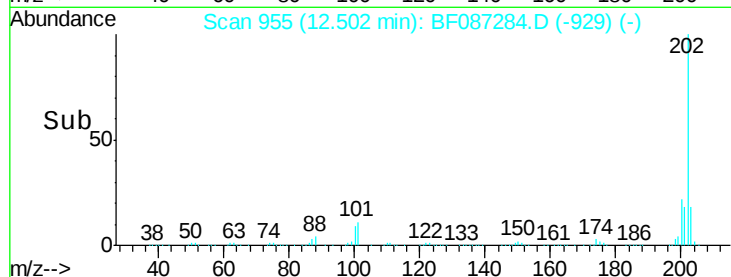
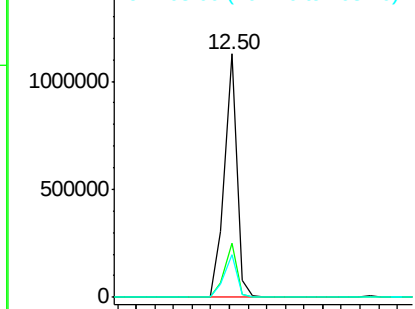
#77
Pvrene
Concen: 48.07 ng
RT: 12.50 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

Instrument :
BNA_F
ClientSampleId :
PB90787BS

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

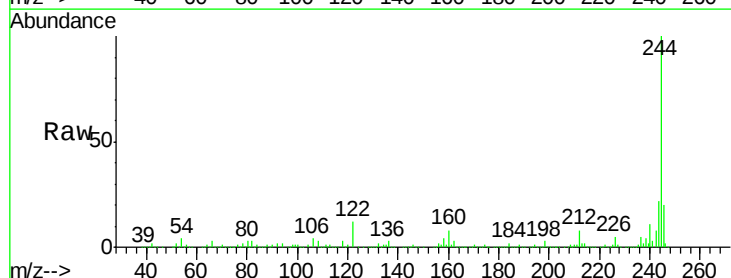


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

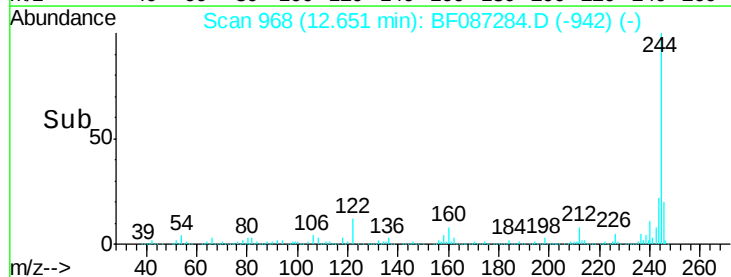
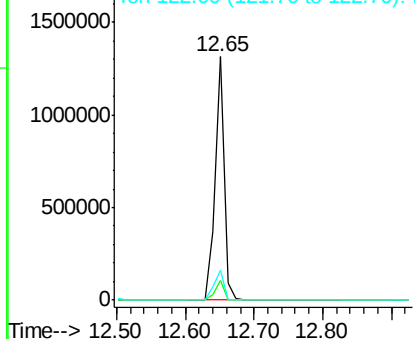


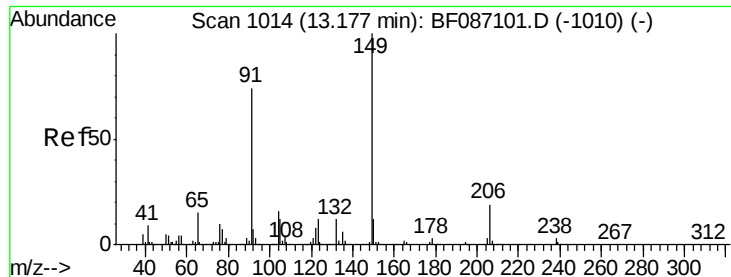
#78
Terphenyl-d14
Concen: 92.31 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

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

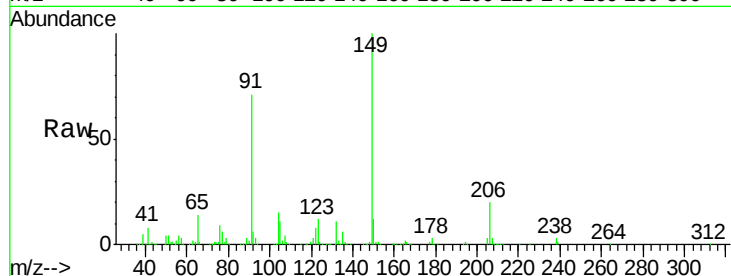
Tot Ion:149 Resp: 481034

Ion Ratio Lower Upper

149 100

91 70.7 48.0 72.0

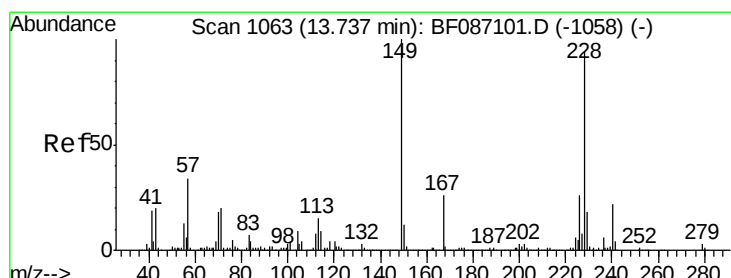
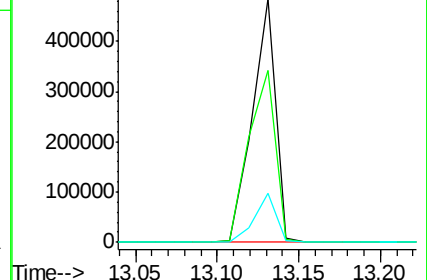
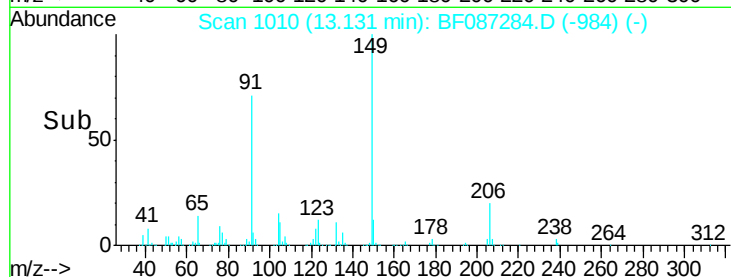
206 20.0 15.8 23.6



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

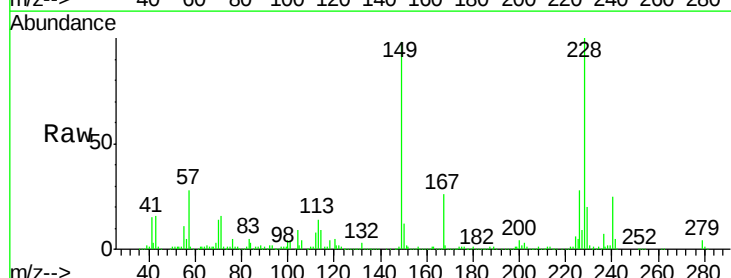
Tgt Ion:228 Resp: 700700

Ion Ratio Lower Upper

228 100

226 27.7 22.5 33.7

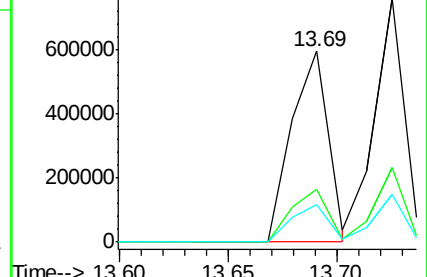
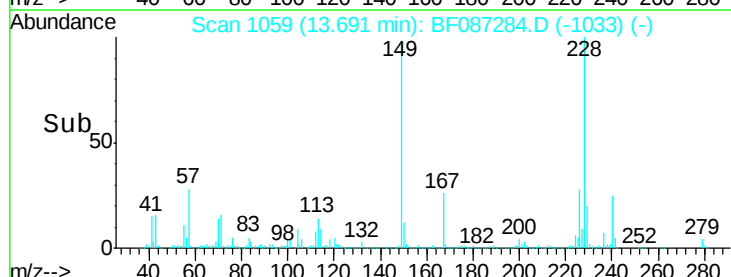
229 19.7 16.6 25.0

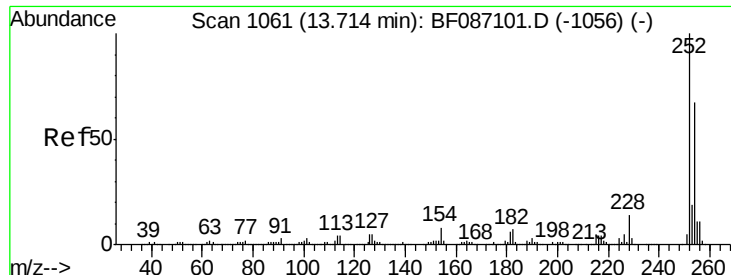


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

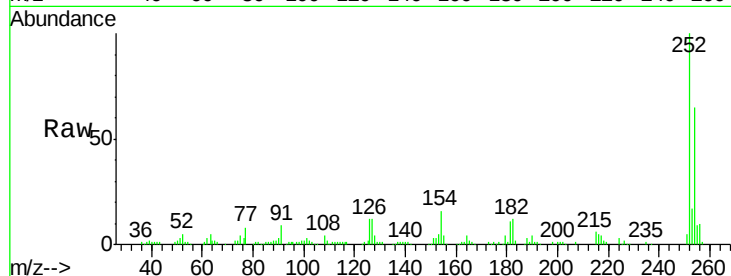




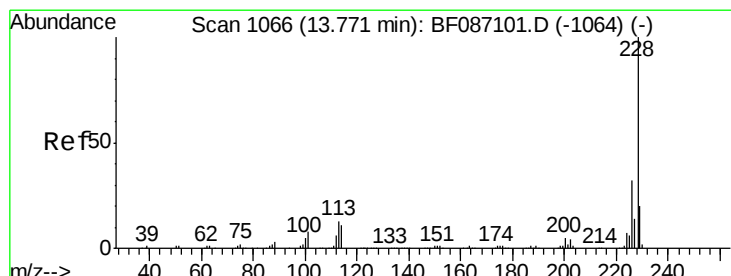
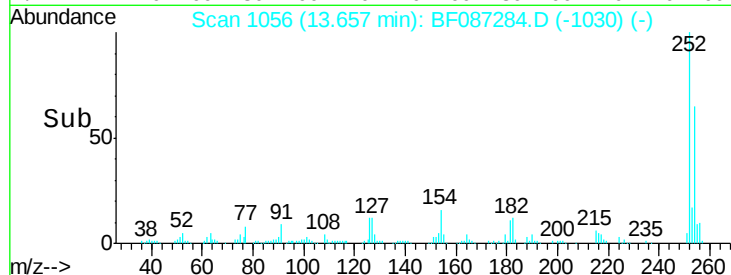
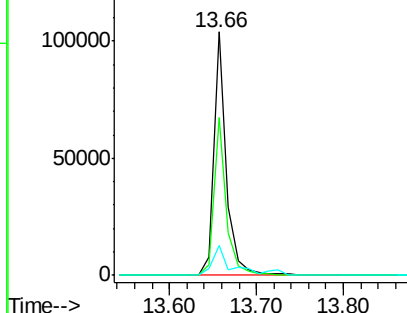
#81
 3,3'-Dichlorobenzidine
 Concen: 9.49 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90787BS

Tot Ion:252 Resp: 105538
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.7 76.1
 126 12.2 12.7 19.1#

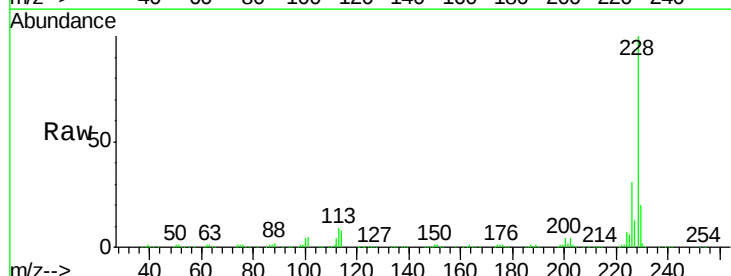


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

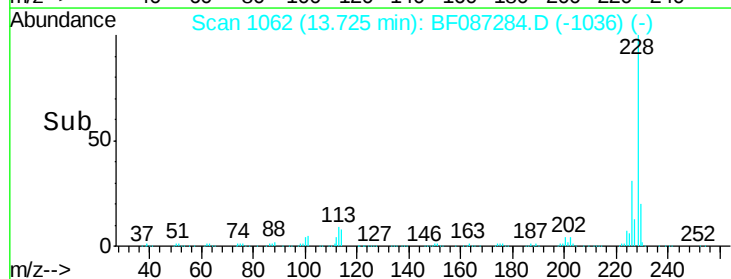
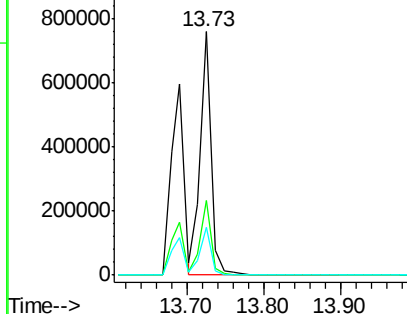


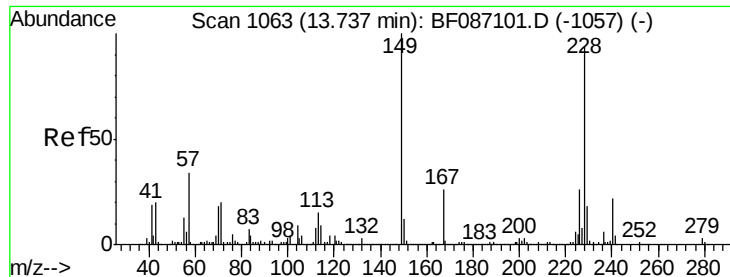
#82
 Chrysene
 Concen: 44.18 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Tgt Ion:228 Resp: 747371
 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

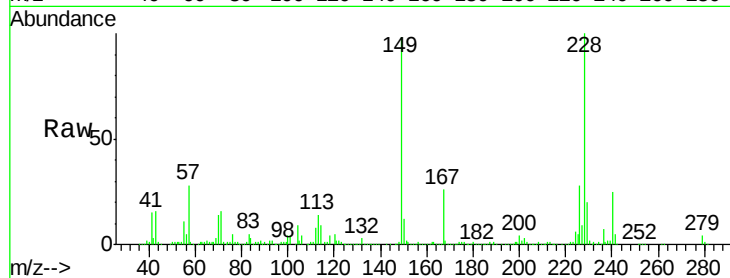
Tot Ion:149 Resp: 627836

Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.6

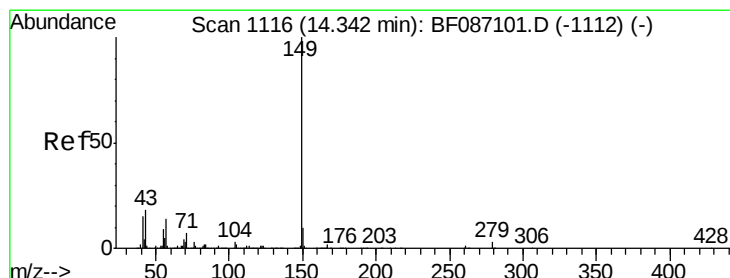
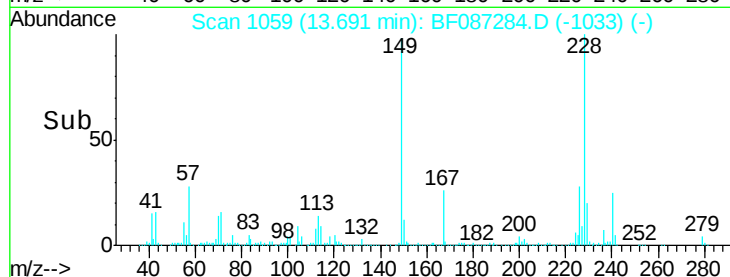
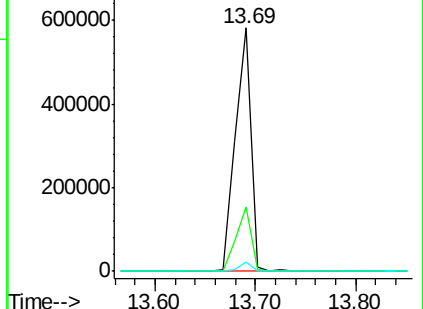
279 4.0 2.6 4.0#



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

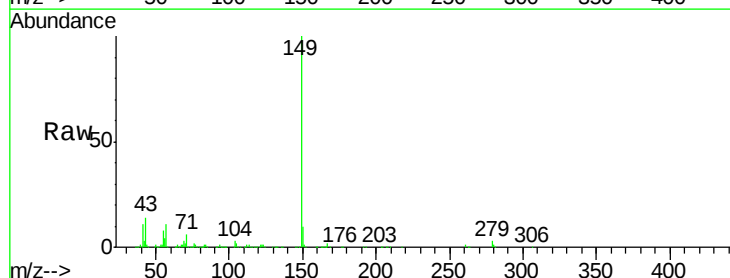
Tgt Ion:149 Resp: 961981

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

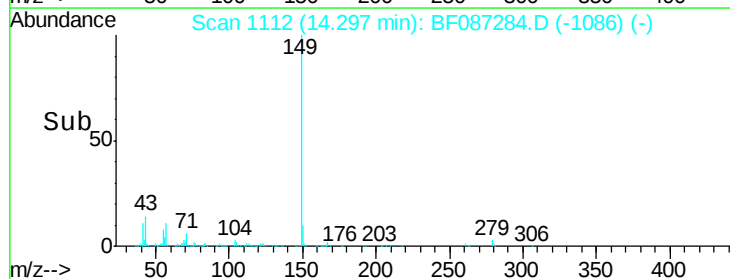
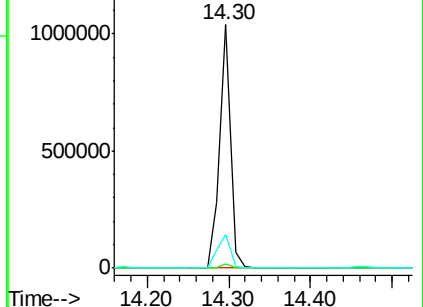
43 16.6 8.2 12.4#

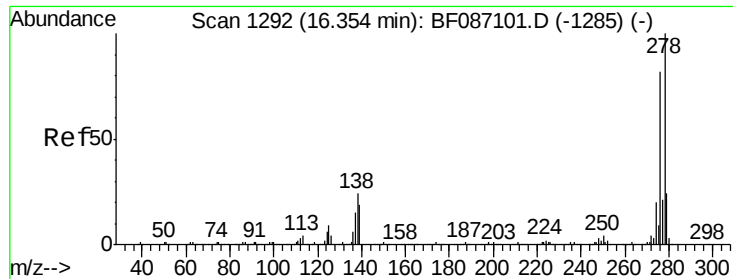


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

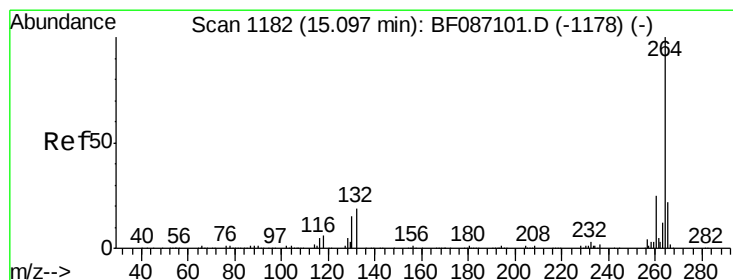
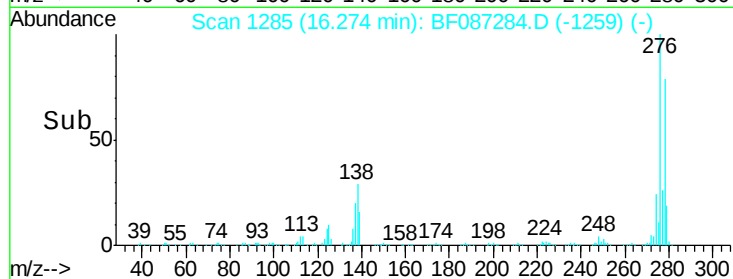
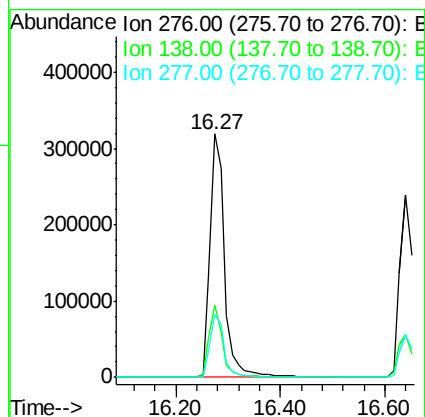
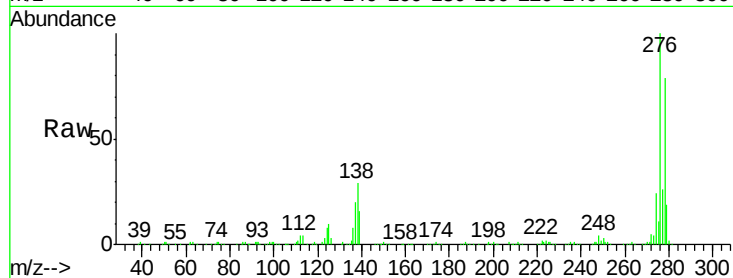




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.70 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

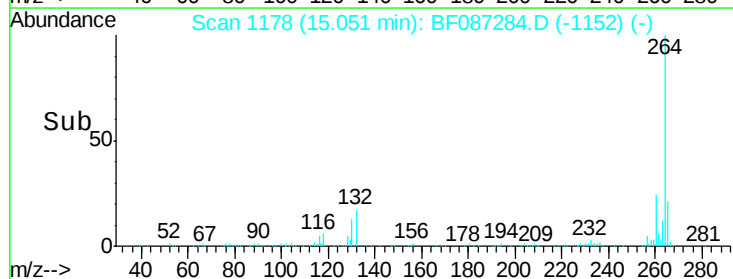
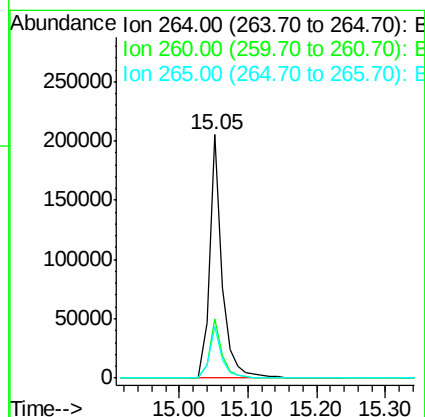
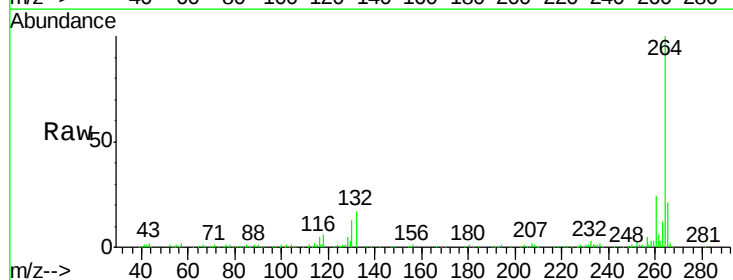
Instrument :
 BNA_F
 ClientSampleId :
 PB90787BS

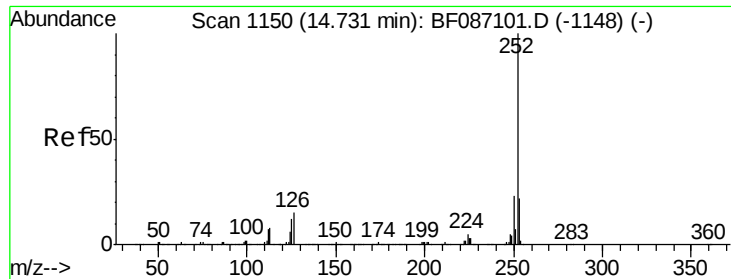
Tot Ion:276 Resp: 619233
 Ion Ratio Lower Upper
 276 100
 138 27.5 25.6 38.4
 277 25.4 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF087284.D
 Acq: 22 May 2016 11:58

Tgt Ion:264 Resp: 259913
 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: 34.42 ng m

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

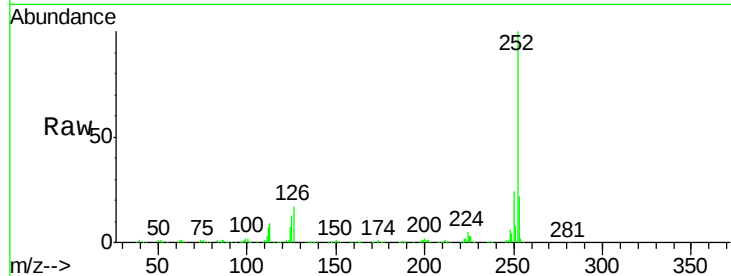
Tot Ion:252 Resp: 593475

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

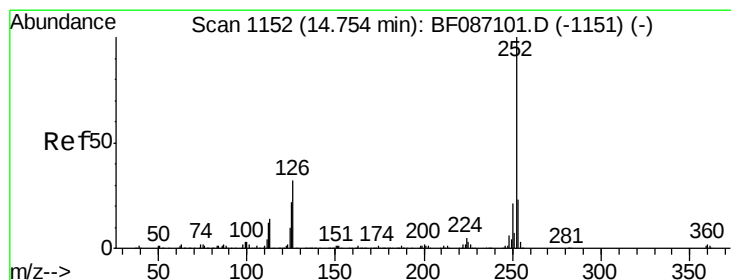
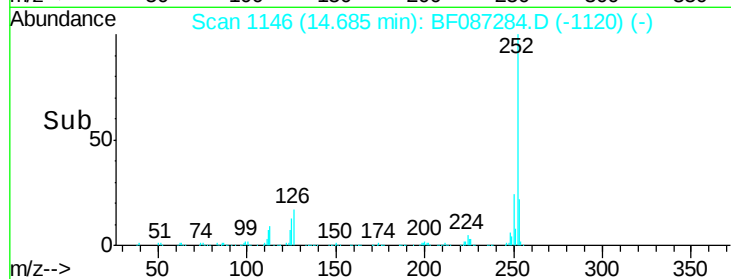
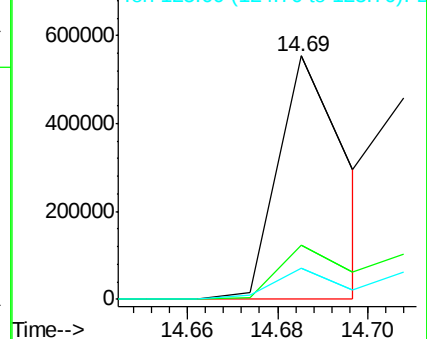
125 12.7 11.4 17.0



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: 49.58 ng m

RT: 14.71 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

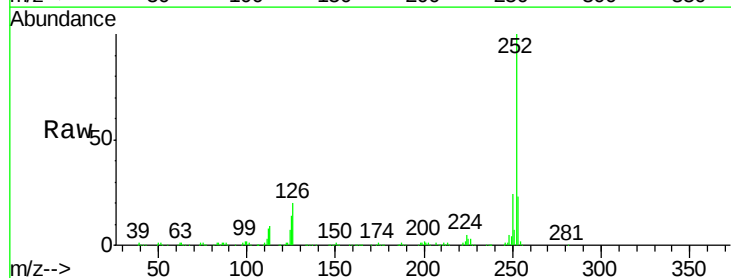
Tgt Ion:252 Resp: 636404

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

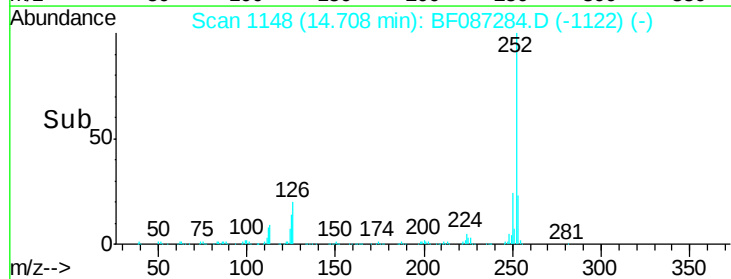
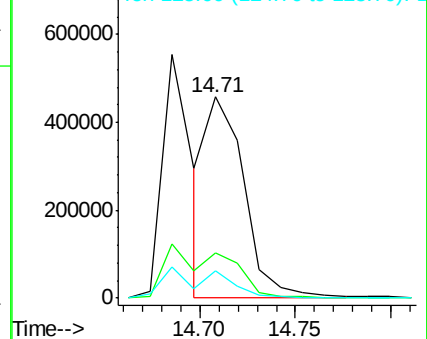
125 13.8 9.1 13.7#

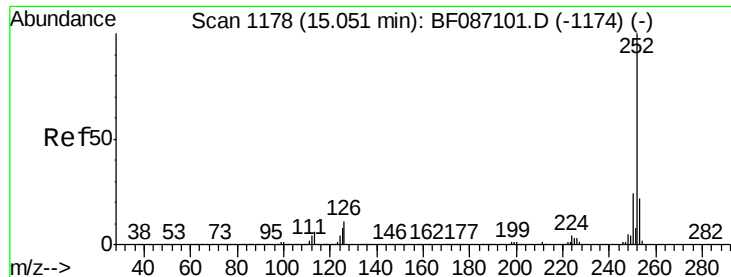


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

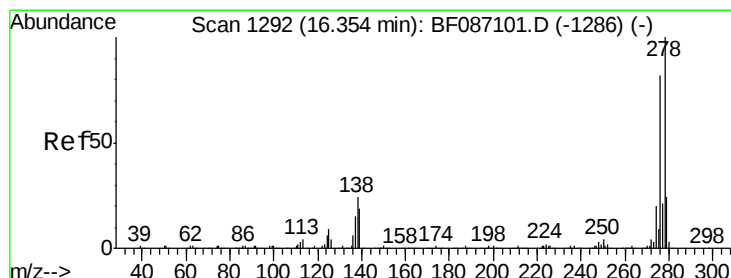
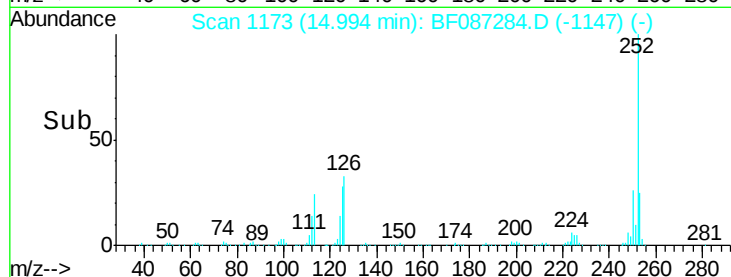
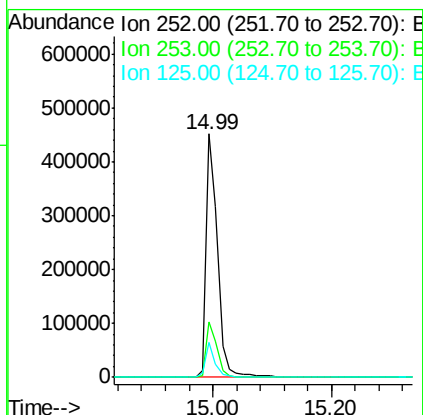
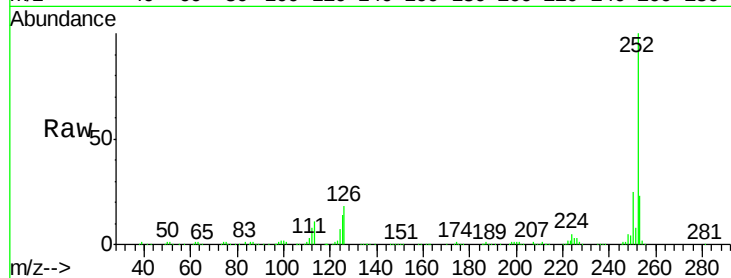




#89
Benzo(a)pyrene
Concen: 41.78 ng
RT: 14.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF087284.D
Acq: 22 May 2016 11:58

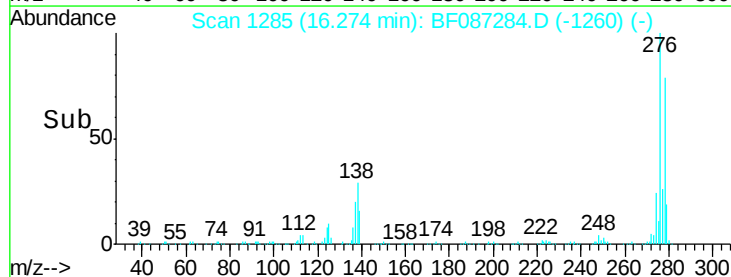
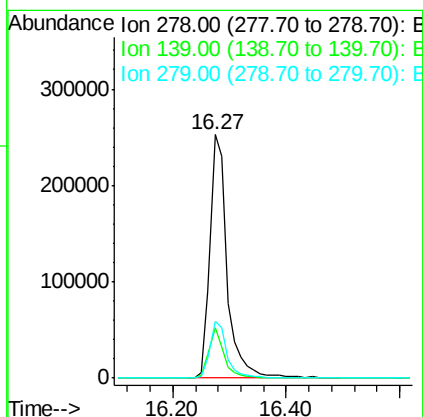
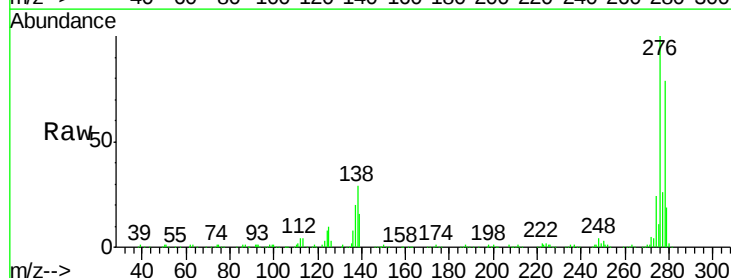
Instrument :
BNA_F
ClientSampleId :
PB90787BS

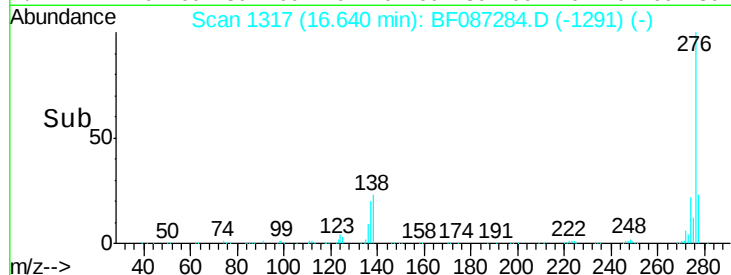
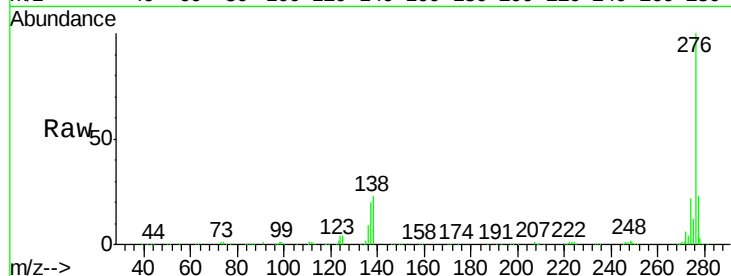
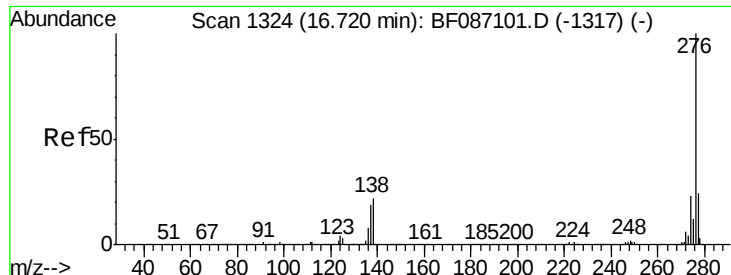
Tot Ion:252 Resp: 602117
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 14.3 9.0 13.6#



#90
Dibenzo(a,h)anthracene
Concen: 42.87 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.01 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(a,h,i)perylene

Concen: 42.03 ng

RT: 16.64 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF087284.D

Acq: 22 May 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB90787BS

Tot Ion:276 Resp: 515137

Ion Ratio Lower Upper

276 100

277 23.4 19.6 29.4

138 23.2 23.6 35.4#

