

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093487.D
 Acq On : 9 Mar 2017 20:44
 Operator : SJ/MA
 Sample : PB97460BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97460BS

Quant Time: Mar 10 00:07:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	189886	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	756699	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	360864	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	667458	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	536263	20.00	ng	-0.01
86) Perylene-d12	15.32	264	434371	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1337572	117.24	ng	0.00
7) Phenol-d6	6.41	99	1708927	118.78	ng	0.00
23) Nitrobenzene-d5	7.33	82	1087590	79.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	308194	131.09	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1623484	83.68	ng	-0.02
78) Terphenyl-d14	12.86	244	1690569	81.96	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.31	88	204645	32.56	ng	88
3) Pyridine	3.01	79	548468	34.23	ng	88
4) n-Nitrosodimethylamine	2.96	42	318221	41.58	ng	82
6) Aniline	6.42	93	420956	21.32	ng	# 55
8) 2-Chlorophenol	6.54	128	511528	40.02	ng	91
9) Benzaldehyde	6.31	77	86978	7.09	ng	94
10) Phenol	6.42	94	750386	42.56	ng	85
11) bis(2-Chloroethyl)ether	6.49	93	528824	37.11	ng	91
12) 1,3-Dichlorobenzene	6.69	146	540058m	36.91	ng	
13) 1,4-Dichlorobenzene	6.77	146	571896	38.18	ng	98
14) 1,2-Dichlorobenzene	6.93	146	488739	36.84	ng	95
15) Benzyl Alcohol	6.92	79	432667	42.19	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	878553	37.12	ng	78
17) 2-Methylphenol	7.03	107	426777	39.47	ng	# 93
18) Hexachloroethane	7.26	117	194379	38.47	ng	99
19) n-Nitroso-di-n-propylamine	7.18	70	412128	41.67	ng	96
20) 3+4-Methylphenols	7.19	107	611708	43.62	ng	# 74
22) Acetophenone	7.18	105	743360	40.82	ng	# 93
24) Nitrobenzene	7.35	77	617126	40.26	ng	90
25) Isophorone	7.59	82	1078607	39.22	ng	99
26) 2-Nitrophenol	7.66	139	287927	41.17	ng	# 87
27) 2,4-Dimethylphenol	7.72	122	476597	41.89	ng	93
28) bis(2-Chloroethoxy)methane	7.80	93	707392	40.74	ng	98
29) 2,4-Dichlorophenol	7.91	162	468131	43.74	ng	84
30) 1,2,4-Trichlorobenzene	7.98	180	429953	37.78	ng	# 95
31) Naphthalene	8.06	128	1404450	37.04	ng	99
32) Benzoic acid	7.88	122	315455	53.36	ng	98
33) 4-Chloroaniline	8.13	127	234225	15.22	ng	100
34) Hexachlorobutadiene	8.17	225	233421	39.82	ng	99
35) Caprolactam	8.50	113	164528m	45.01	ng	
36) 4-Chloro-3-methylphenol	8.62	107	483461	42.32	ng	93
37) 2-Methylnaphthalene	8.74	142	954151	39.55	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	411529	41.76	ng	98
40) Hexachlorocyclopentadiene	8.89	237	173880	71.45	ng	94

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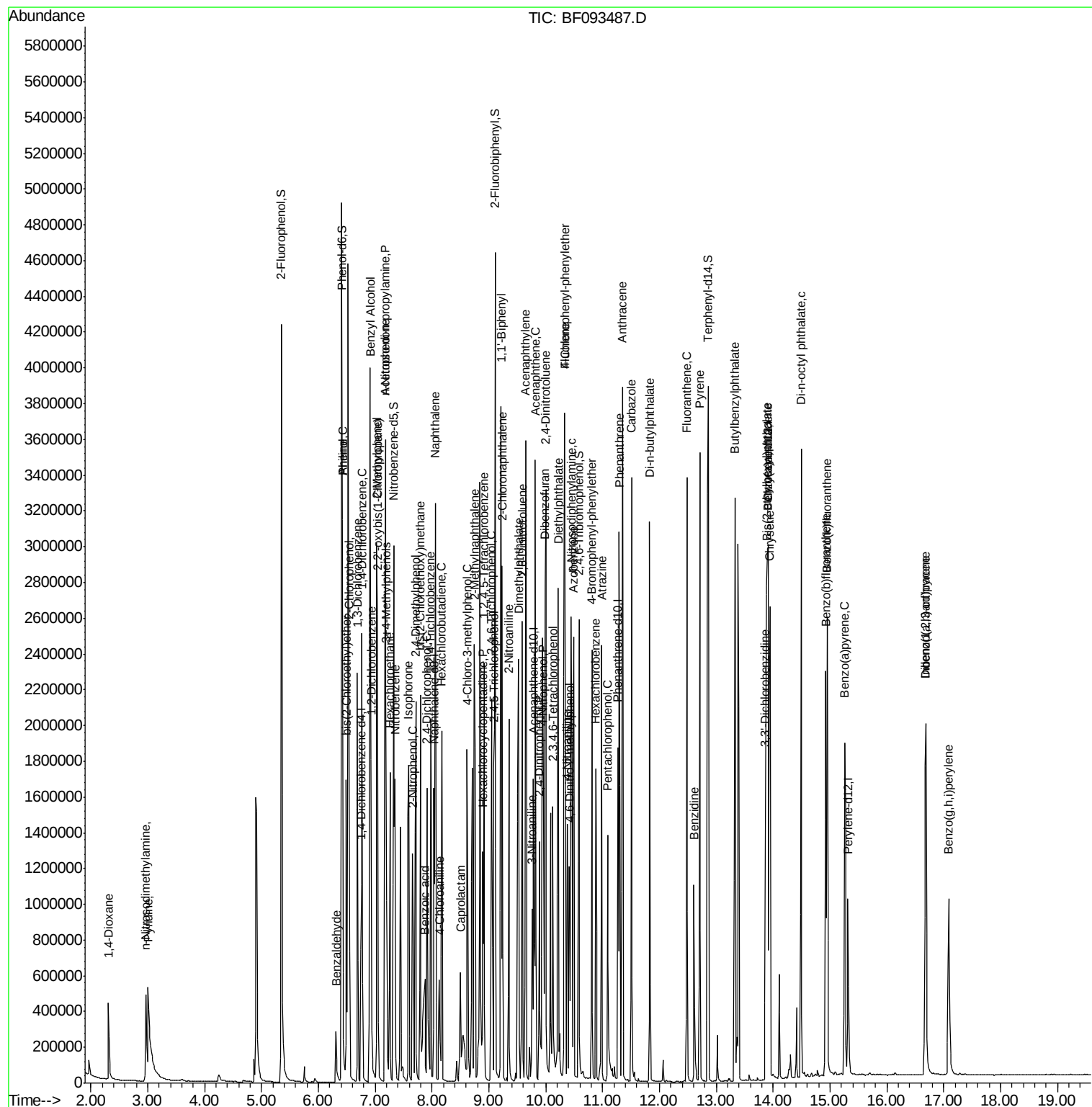
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	291716	47.38	nq	93
43) 2,4,5-Trichlorophenol	9.09	196	298612	45.20	nq	94
45) 1,1'-Biphenyl	9.21	154	1158656	44.08	nq	98
46) 2-Chloronaphthalene	9.24	162	883335	43.90	nq	95
47) 2-Nitroaniline	9.35	65	365650	51.40	nq	98
48) Acenaphthylene	9.65	152	1339498	40.36	nq	99
49) Dimethylphthalate	9.52	163	1109995	46.40	nq	99
50) 2,6-Dinitrotoluene	9.59	165	243656	46.41	nq	# 71
51) Acenaphthene	9.82	154	792958	40.41	nq	97
52) 3-Nitroaniline	9.76	138	137858	21.86	nq	100
53) 2,4-Dinitrophenol	9.89	184	222800	93.20	nq	# 79
54) Dibenzofuran	9.99	168	1208480	49.20	nq	99
55) 4-Nitrophenol	9.96	139	299590	97.80	nq	85
56) 2,4-Dinitrotoluene	10.00	165	299513	46.44	nq	# 88
57) Fluorene	10.33	166	939555	45.14	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	242460	52.01	nq	94
59) Diethylphthalate	10.22	149	1100546	48.13	nq	97
60) 4-Chlorophenyl-phenylether	10.33	204	426831	45.75	nq	# 73
61) 4-Nitroaniline	10.38	138	253979	39.38	nq	95
62) Azobenzene	10.49	77	1350507	51.98	nq	92
64) 4,6-Dinitro-2-methylphenol	10.41	198	172793	39.96	nq	# 19
65) n-Nitrosodiphenylamine	10.45	169	873502	39.19	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	249751	35.39	nq	94
67) Hexachlorobenzene	10.88	284	250655	37.19	nq	# 67
68) Atrazine	10.98	200	277772	42.58	nq	98
69) Pentachlorophenol	11.09	266	209930	90.22	nq	97
70) Phenanthrene	11.29	178	1414148	37.12	nq	99
71) Anthracene	11.35	178	1506937	39.10	nq	99
72) Carbazole	11.51	167	1306100	36.08	nq	100
73) Di-n-butylphthalate	11.83	149	1540210	36.77	nq	98
74) Fluoranthene	12.48	202	1374033	37.34	nq	98
76) Benzidine	12.61	184	459977	26.08	nq	97
77) Pyrene	12.71	202	1409941	36.15	nq	100
79) Butylbenzylphthalate	13.33	149	766907	46.71	nq	92
80) Benzo(a)anthracene	13.90	228	1267618	40.03	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	315807	28.47	nq	# 97
82) Chrysene	13.95	228	1263566	43.13	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	1037491	45.34	nq	# 95
84) Di-n-octyl phthalate	14.49	149	1607575	42.15	nq	96
85) Indeno(1,2,3-cd)pyrene	16.69	276	917503	37.41	nq	# 93
87) Benzo(b)fluoranthene	14.93	252	1179328m	44.58	nq	
88) Benzo(k)fluoranthene	14.95	252	935811m	36.68	nq	
89) Benzo(a)pyrene	15.26	252	998516	41.30	nq	# 95
90) Dibenzo(a,h)anthracene	16.69	278	770560	38.52	nq	97
91) Benzo(g,h,i)perylene	17.09	276	801572	39.04	nq	# 90

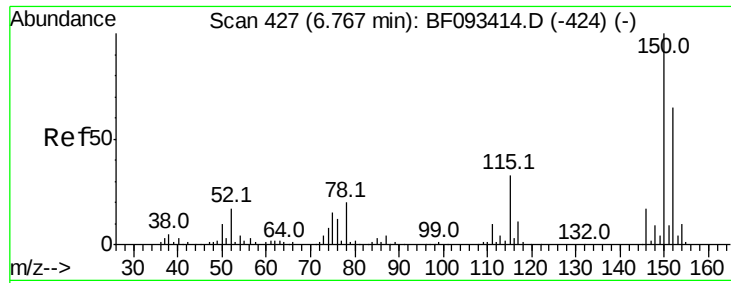
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

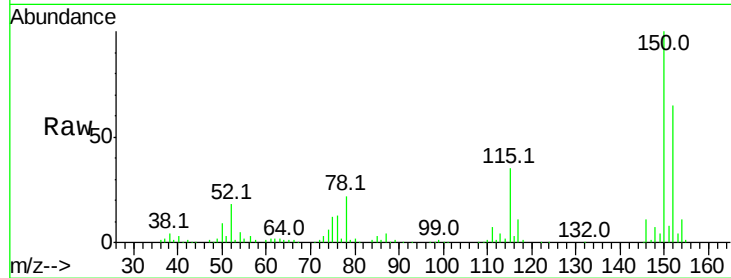
Tot Ion:152 Resp: 189886

Ion Ratio Lower Upper

152 100

150 153.3 124.9 187.3

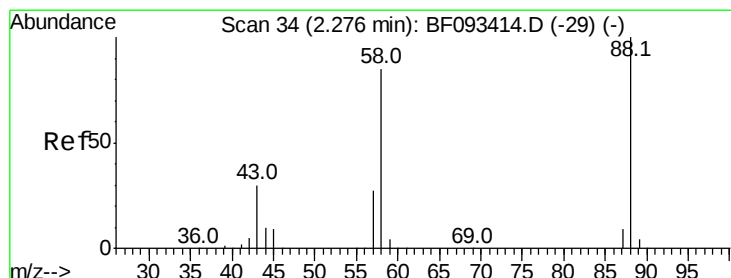
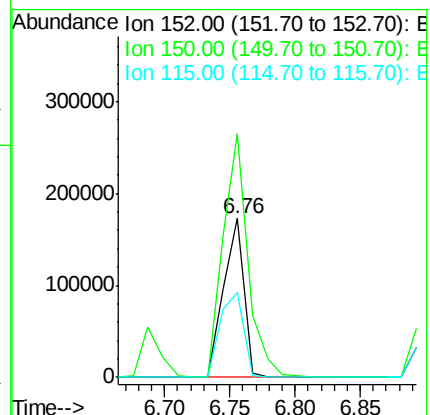
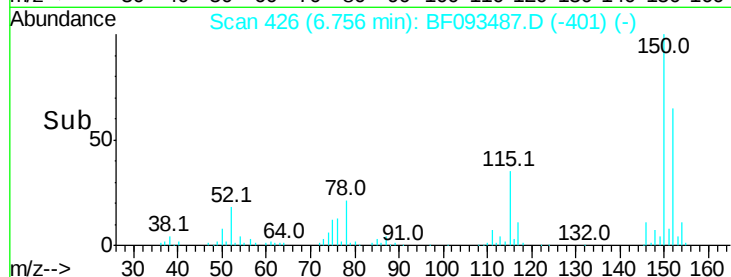
115 53.5 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.56 ng

RT: 2.31 min Scan# 37

Delta R.T. 0.03 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

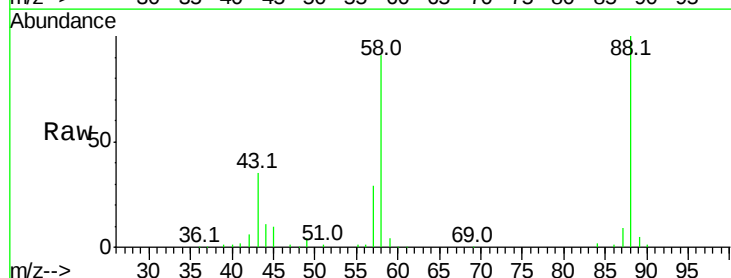
Tgt Ion: 88 Resp: 204645

Ion Ratio Lower Upper

88 100

58 84.8 57.8 86.8

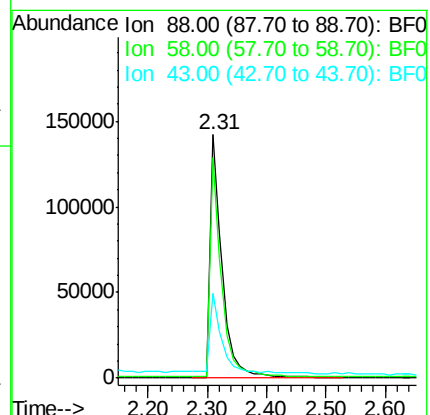
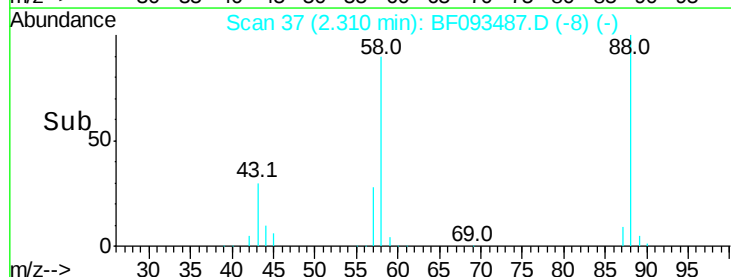
43 30.8 22.3 33.5

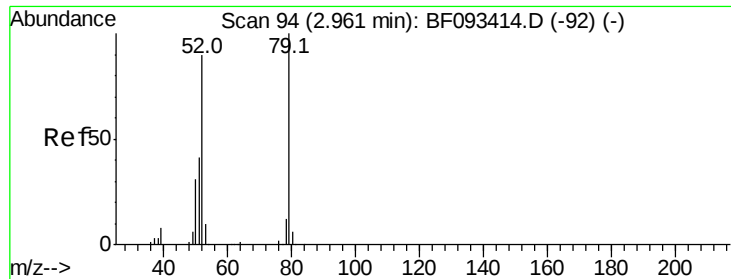


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.23 ng

RT: 3.01 min Scan# 98

Delta R.T. 0.05 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

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PB97460BS

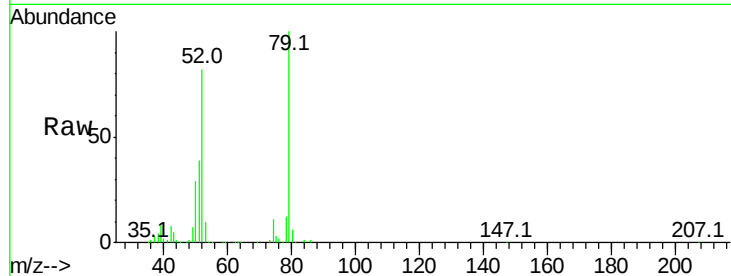
Tot Ion: 79 Resp: 548468

Ion Ratio Lower Upper

79 100

52 82.2 57.1 85.7

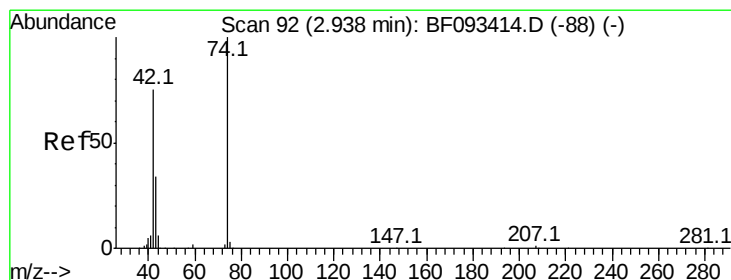
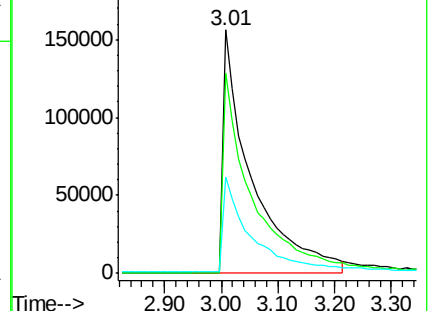
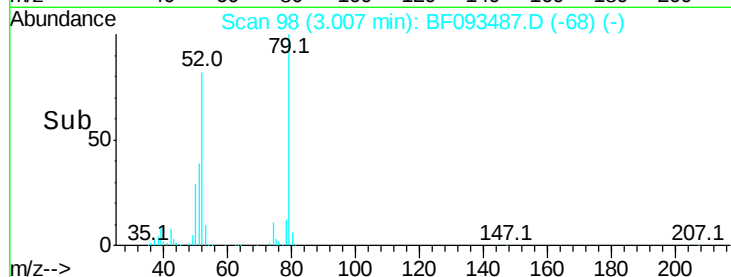
51 39.4 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.58 ng

RT: 2.96 min Scan# 94

Delta R.T. 0.02 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

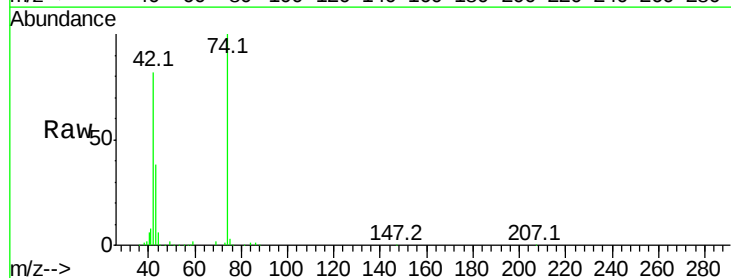
Tgt Ion: 42 Resp: 318221

Ion Ratio Lower Upper

42 100

74 122.5 117.0 175.4

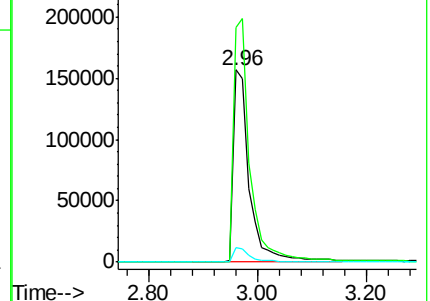
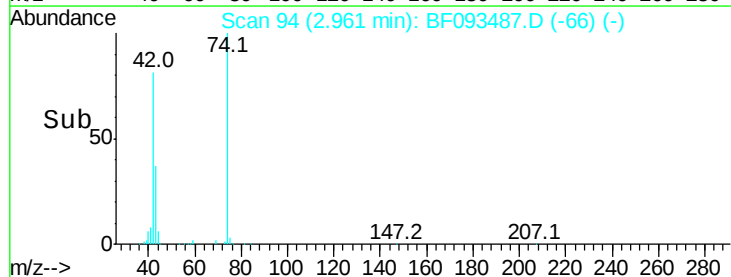
44 7.2 5.5 8.3

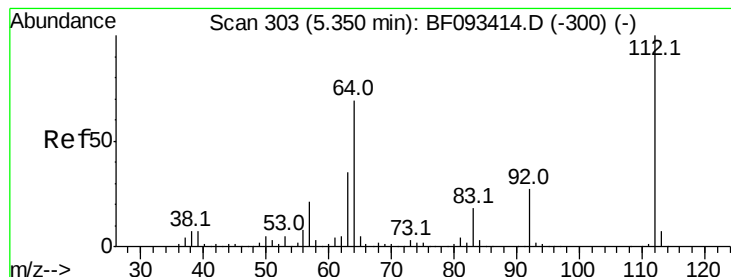


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 117.24 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

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ClientSampled :

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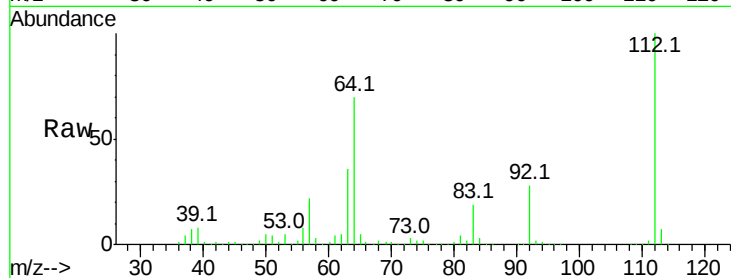
Tot Ion:112 Resp: 1337572

Ion Ratio Lower Upper

112 100

64 69.5 46.1 69.1#

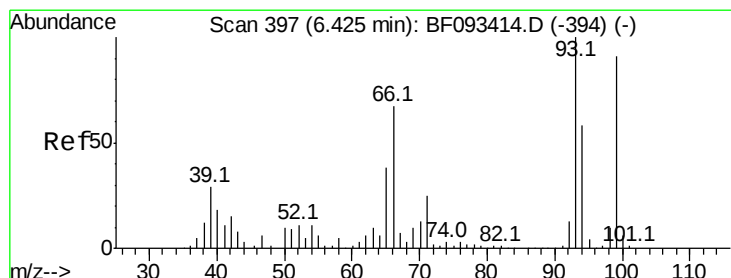
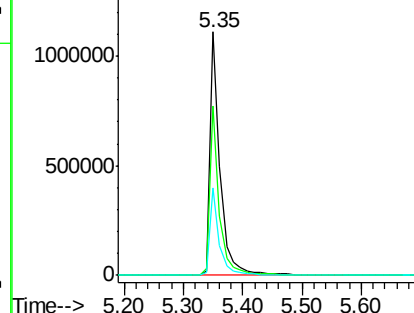
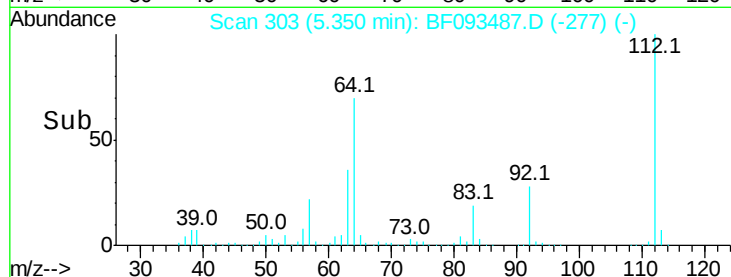
63 36.0 23.8 35.6#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.32 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

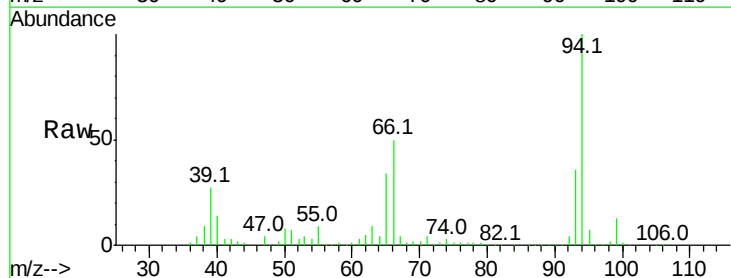
Tgt Ion: 93 Resp: 420956

Ion Ratio Lower Upper

93 100

66 138.8 76.2 114.2#

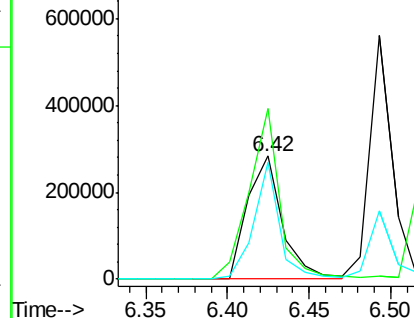
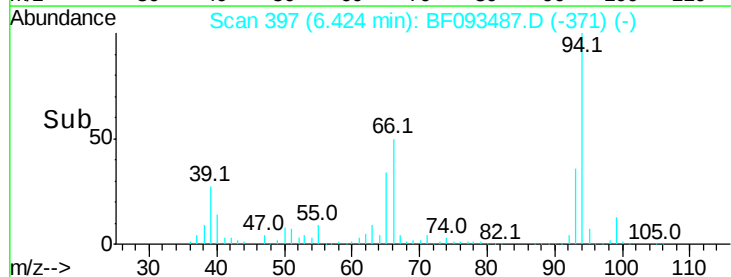
65 95.5 49.3 73.9#

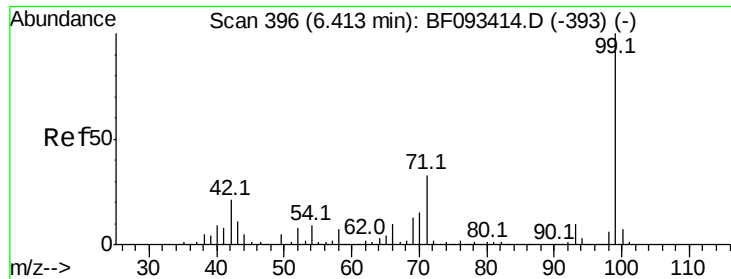


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.78 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

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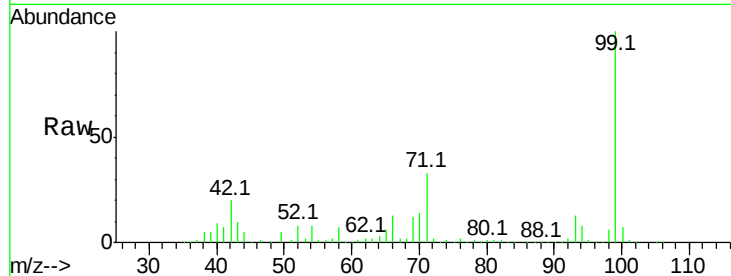
Tot Ion: 99 Resp: 1708927

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

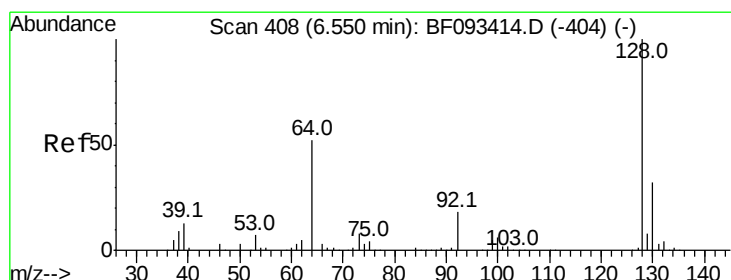
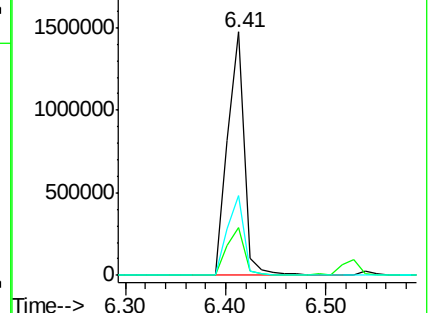
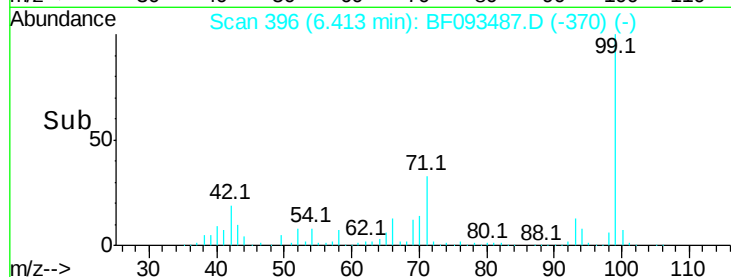
71 32.7 27.5 41.3



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: 40.02 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

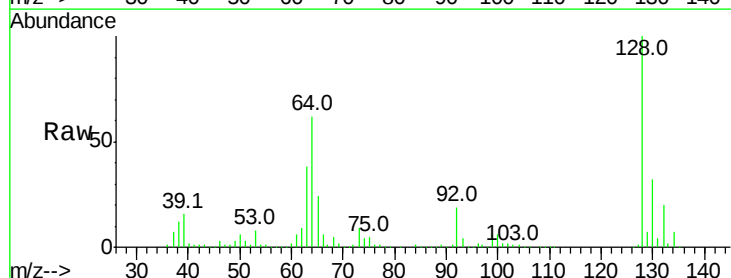
Tgt Ion:128 Resp: 511528

Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

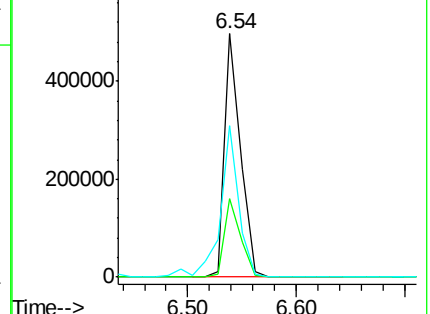
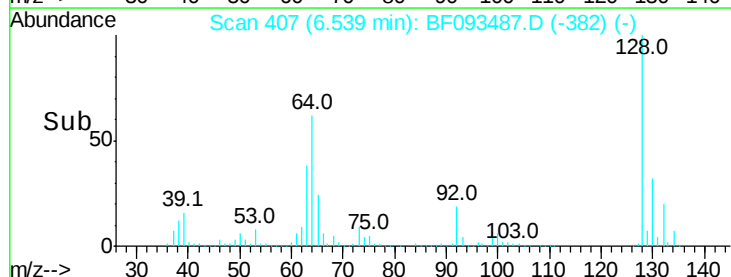
64 62.1 32.2 72.2

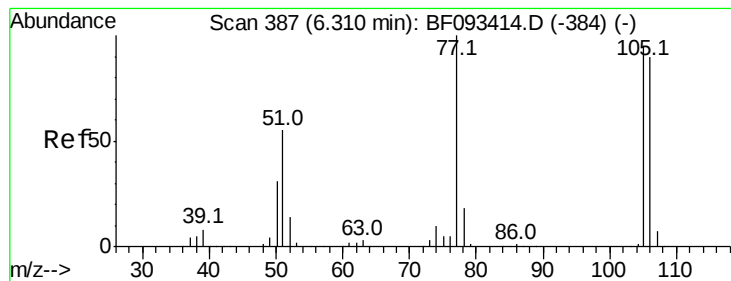


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.09 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.00 min

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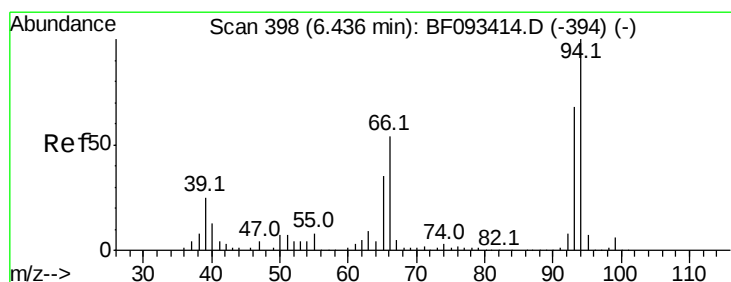
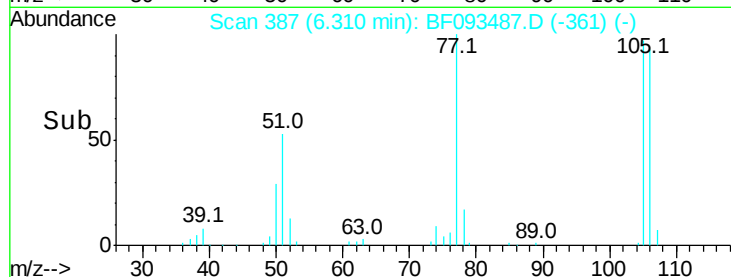
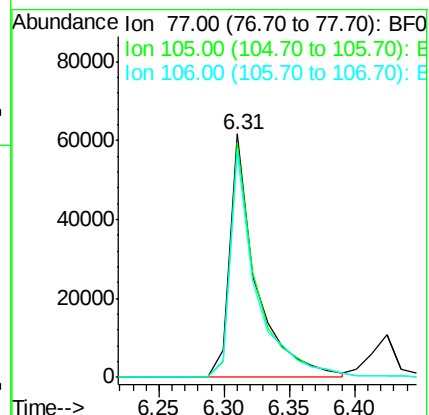
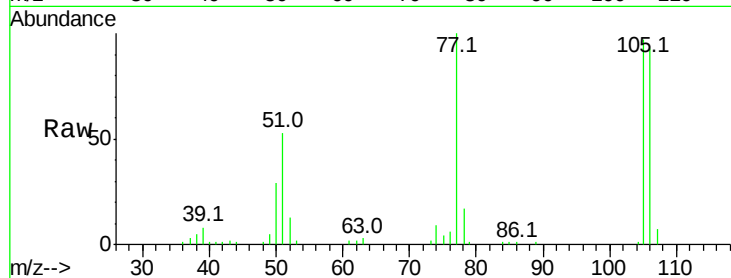
Tot Ion: 77 Resp: 86978

Ion Ratio Lower Upper

77 100

105 96.6 83.9 123.9

106 92.5 77.6 117.6



#10

Phenol

Concen: 42.56 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

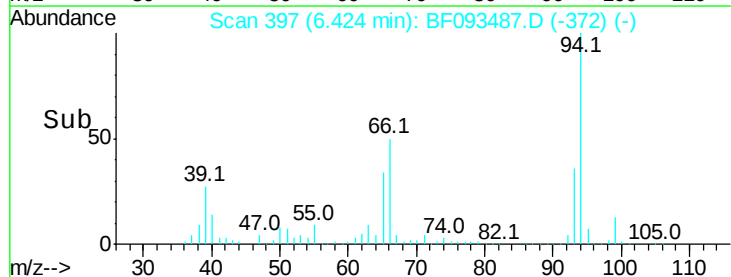
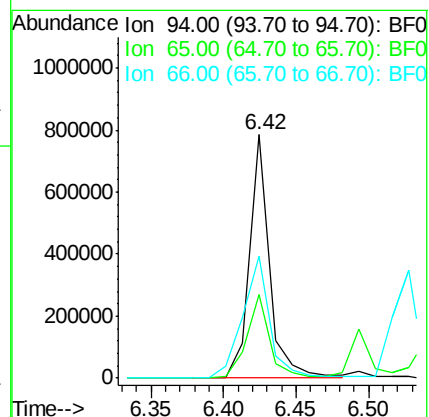
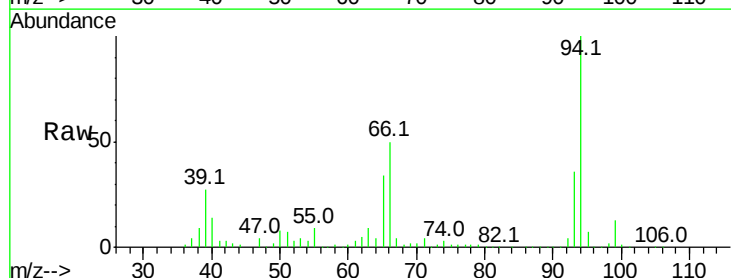
Tgt Ion: 94 Resp: 750386

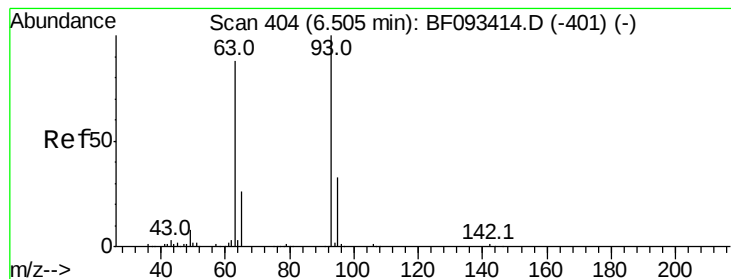
Ion Ratio Lower Upper

94 100

65 34.4 21.4 61.4

66 50.0 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 37.11 ng

RT: 6.49 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

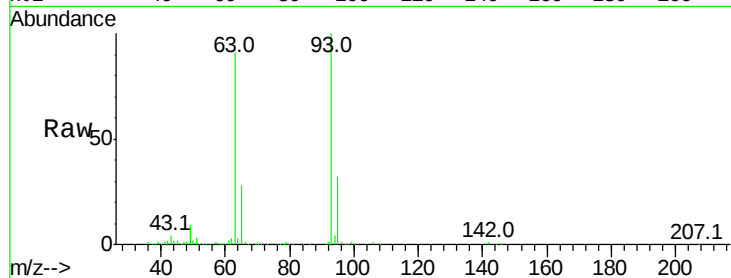
Tot Ion: 93 Resp: 528824

Ion Ratio Lower Upper

93 100

63 90.7 60.4 100.4

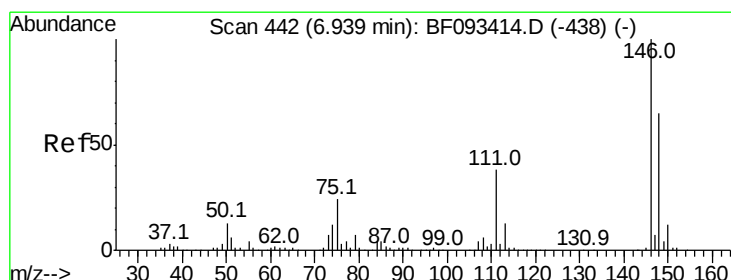
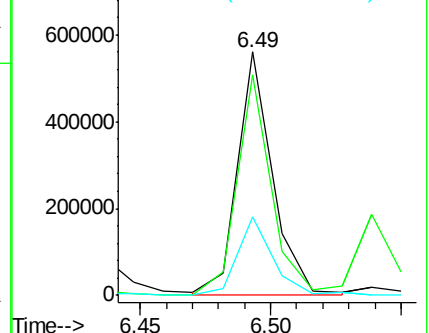
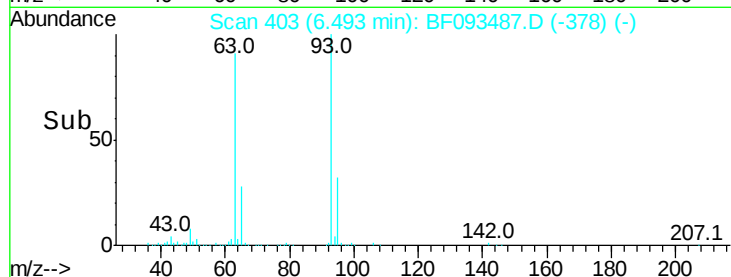
95 32.3 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.91 ng m

RT: 6.69 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

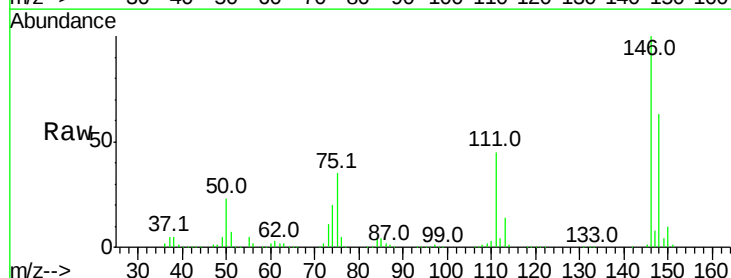
Tgt Ion: 146 Resp: 540058

Ion Ratio Lower Upper

146 100

148 63.3 53.4 80.0

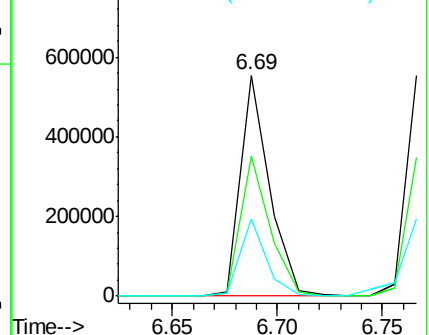
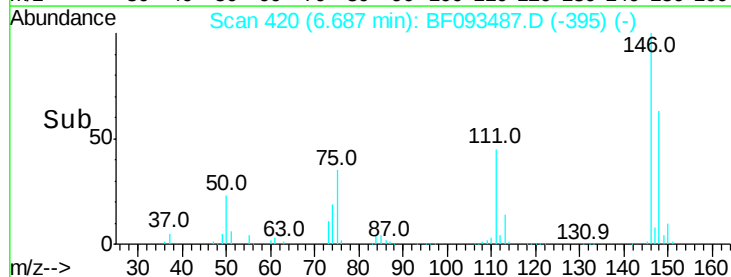
75 34.7 18.5 27.7#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

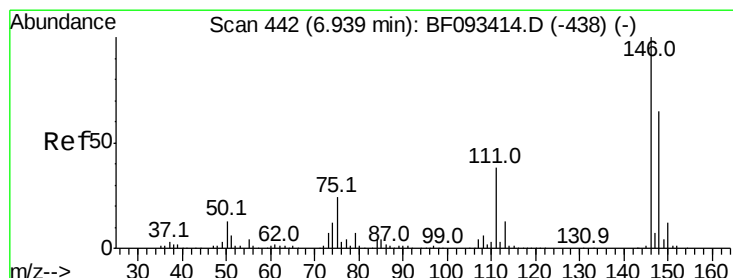
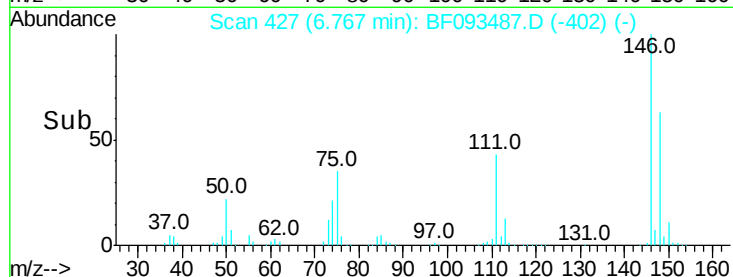
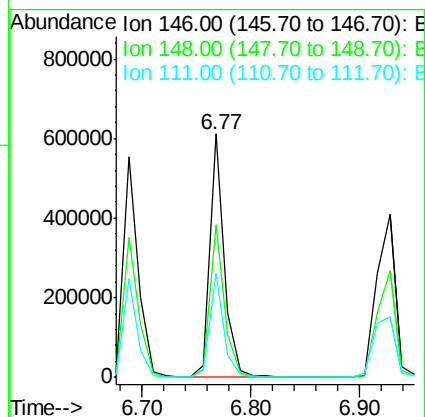
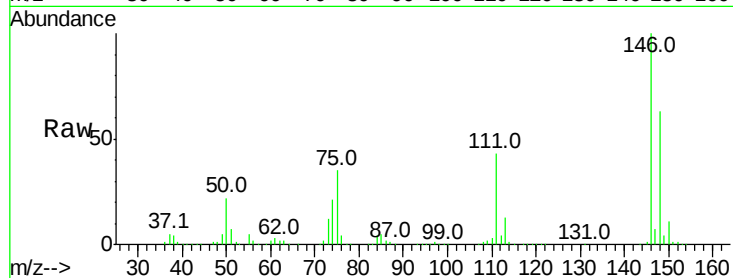




#13
 1,4-Dichlorobenzene
 Concen: 38.18 ng
 RT: 6.77 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BF093487.D
 Acq: 9 Mar 2017 20:44

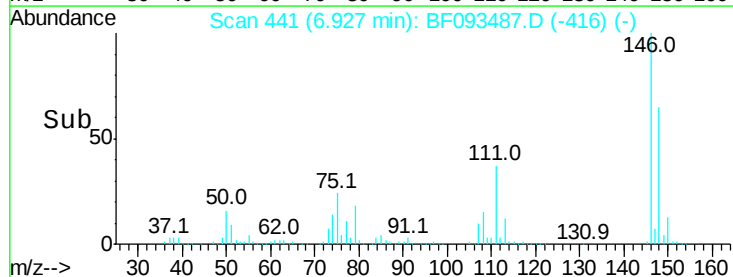
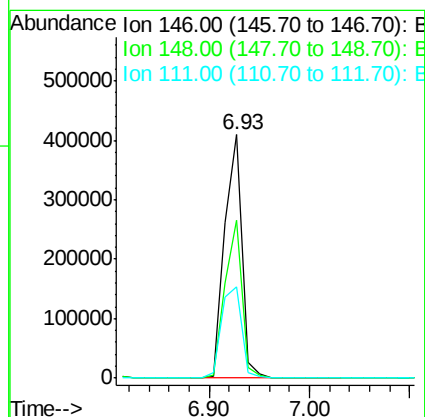
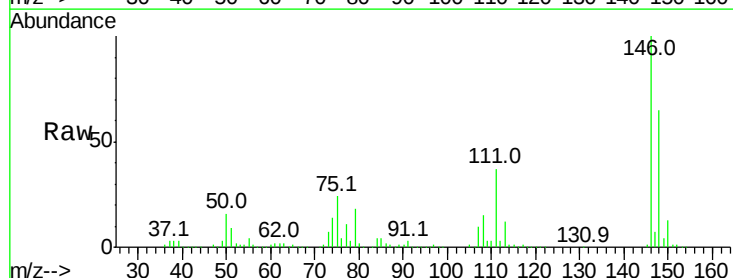
Instrument :
 BNA_F
 ClientSampleId :
 PB97460BS

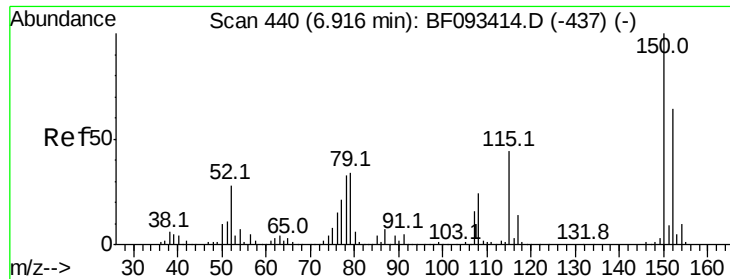
Tot Ion:146 Resp: 571896
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 76.0
 111 42.8 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 36.84 ng
 RT: 6.93 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF093487.D
 Acq: 9 Mar 2017 20:44

Tgt Ion:146 Resp: 488739
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.2
 111 37.4 36.2 54.2





#15

Benzyl Alcohol

Concen: 42.19 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

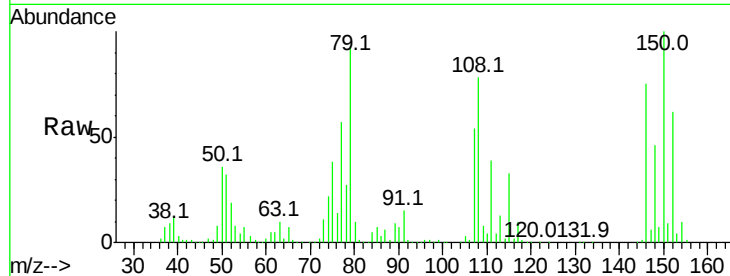
Tot Ion: 79 Resp: 432667

Ion Ratio Lower Upper

79 100

108 84.2 61.4 92.0

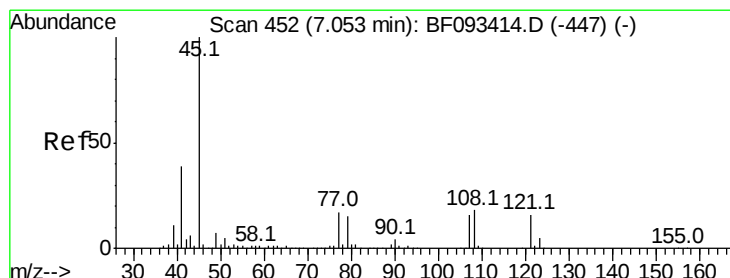
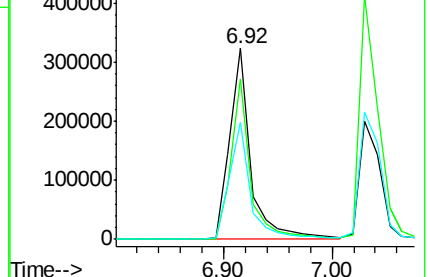
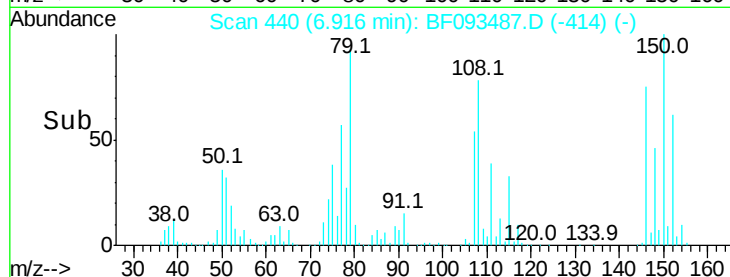
77 61.3 50.9 76.3



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: 37.12 ng

RT: 7.04 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

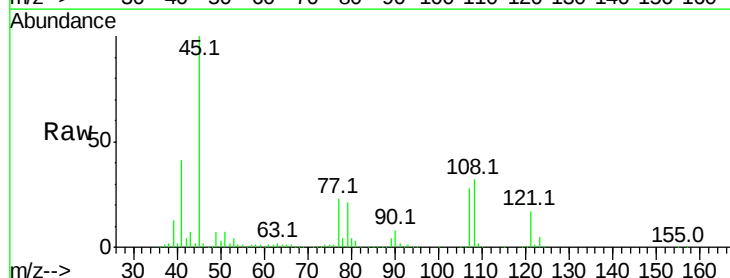
Tgt Ion: 45 Resp: 878553

Ion Ratio Lower Upper

45 100

77 23.2 0.0 34.6

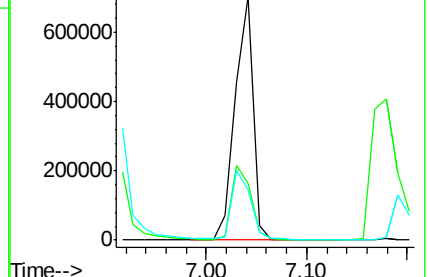
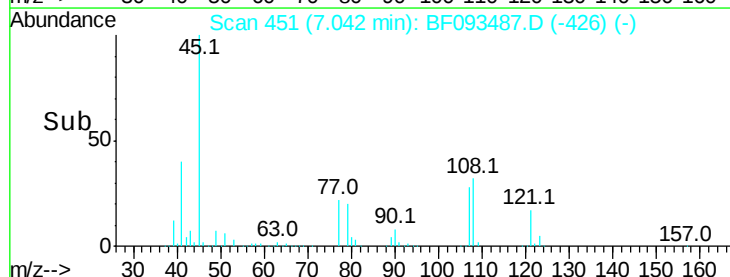
79 20.6 0.0 31.2

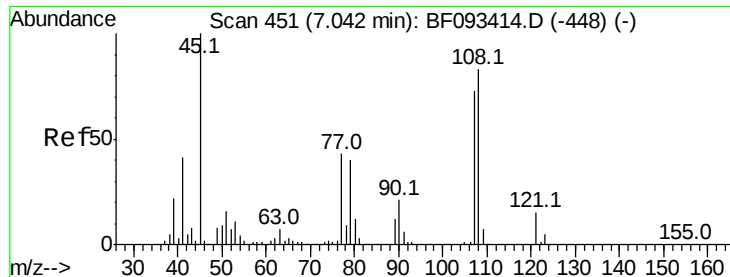


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

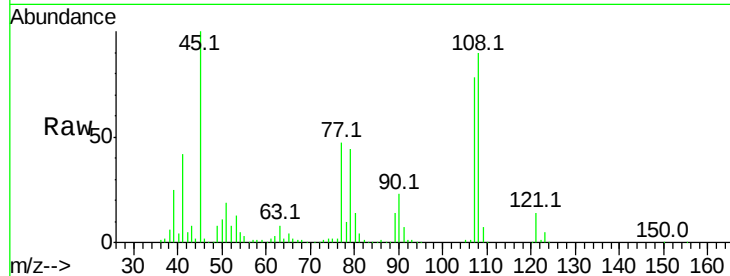




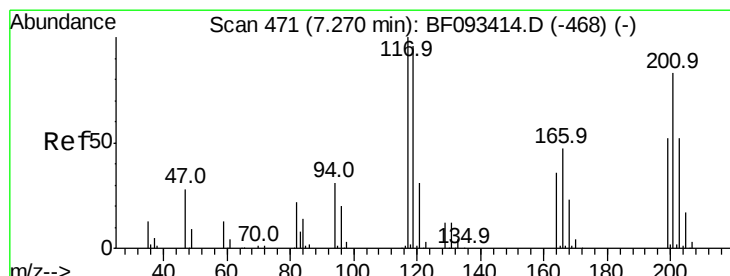
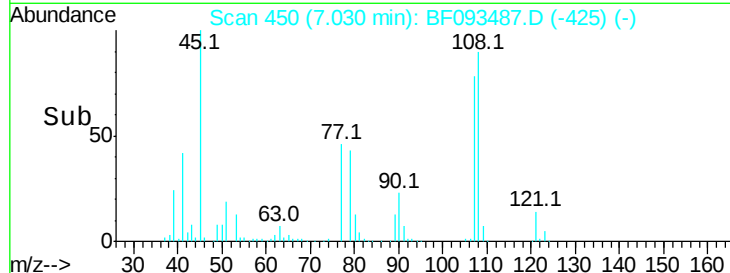
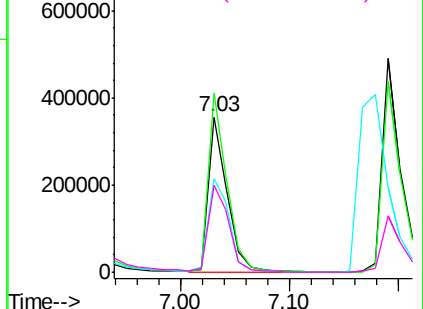
#17
2-Methylphenol
Concen: 39.47 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

Instrument :
BNA_F
ClientSampleId :
PB97460BS

Tot Ion:107 Resp: 426777
Ion Ratio Lower Upper
107 100
108 115.8 93.0 139.6
77 60.4 39.8 59.8#
79 56.1 38.0 57.0

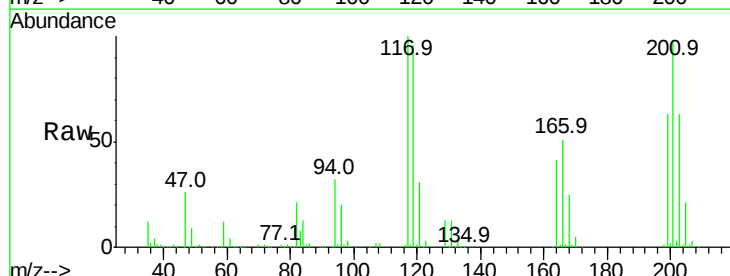


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

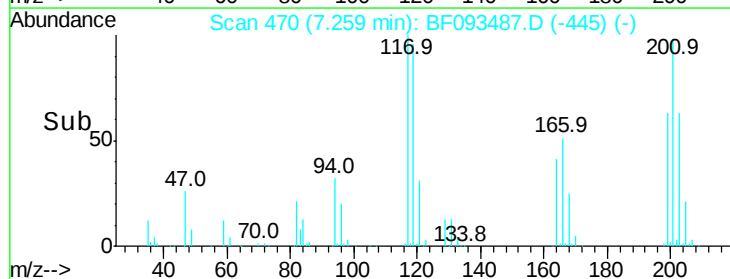
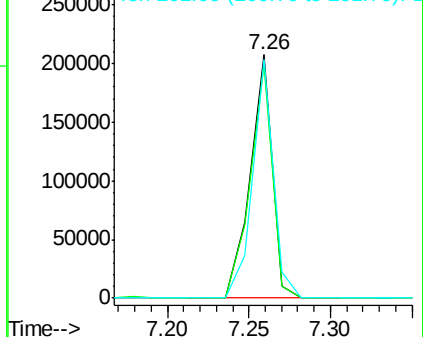


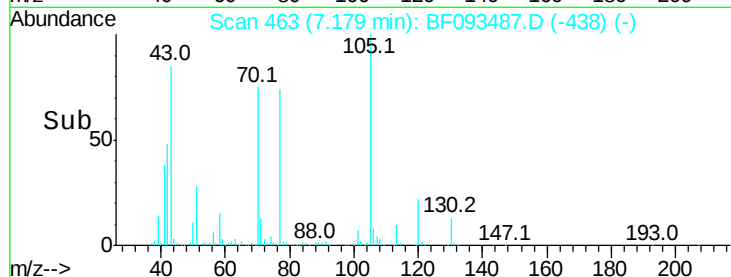
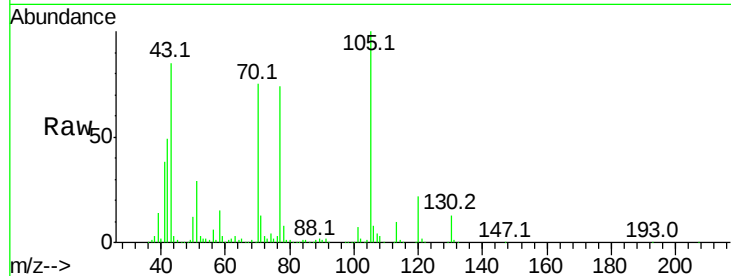
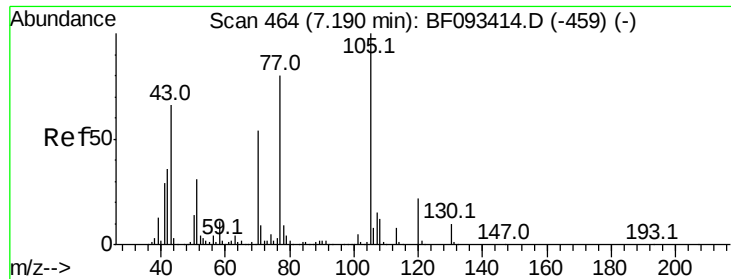
#18
Hexachloroethane
Concen: 38.47 ng
RT: 7.26 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

Tgt Ion:117 Resp: 194379
Ion Ratio Lower Upper
117 100
119 96.0 78.1 117.1
201 98.1 78.6 117.8



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

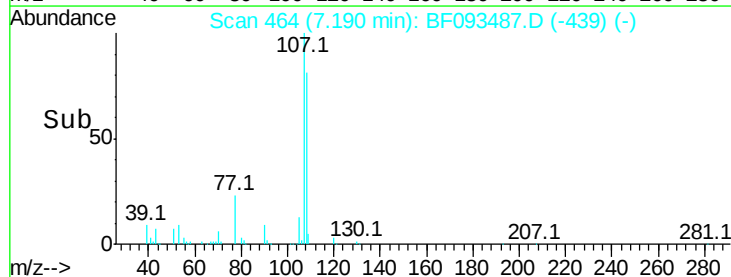
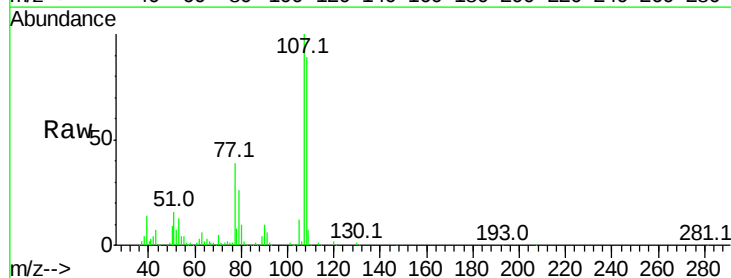
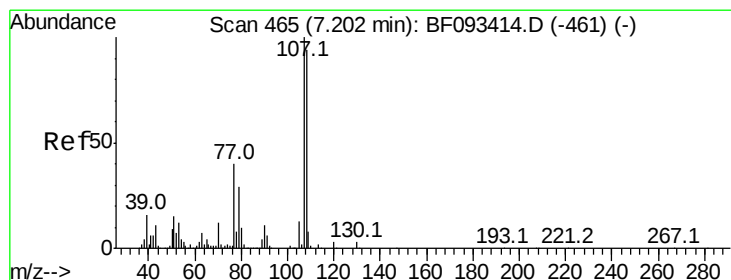
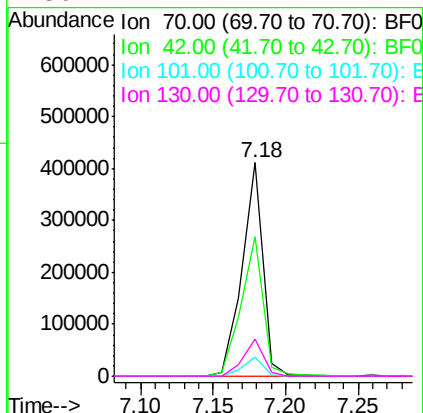




#19
n-Nitroso-di-n-propylamine
Concen: 41.67 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

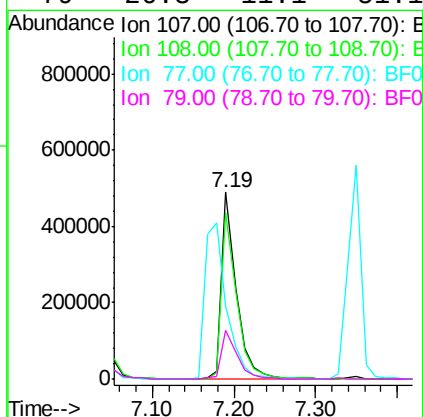
Instrument :
BNA_F
ClientSampleId :
PB97460BS

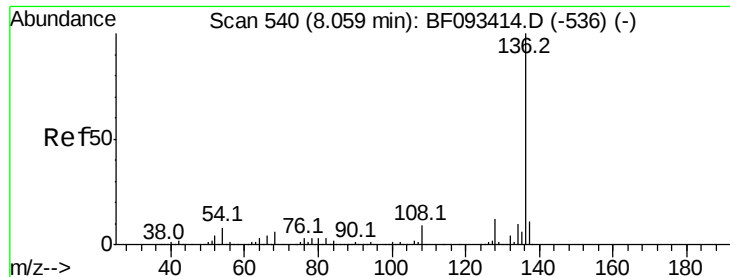
Tot Ion: 70 Resp: 412128
Ion Ratio Lower Upper
70 100
42 65.5 49.4 74.0
101 9.0 7.4 11.2
130 17.4 14.2 21.4



#20
3+4-Methylphenols
Concen: 43.62 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

Tgt Ion:107 Resp: 611708
Ion Ratio Lower Upper
107 100
108 89.1 73.0 113.0
77 39.4 71.3 111.3#
79 26.3 11.1 51.1

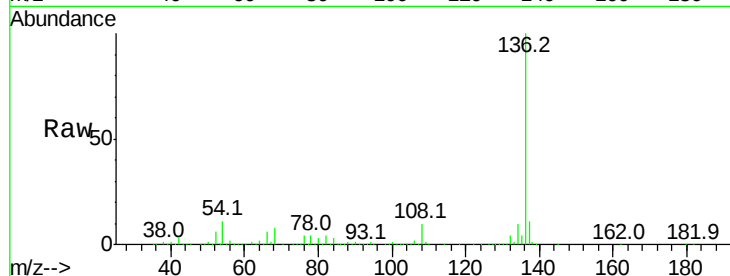




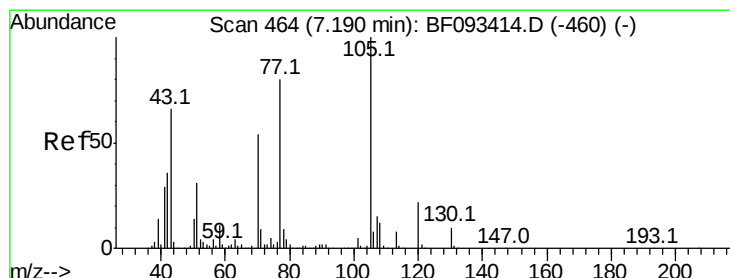
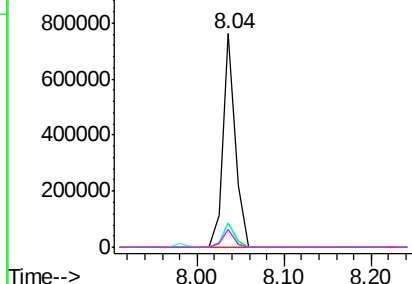
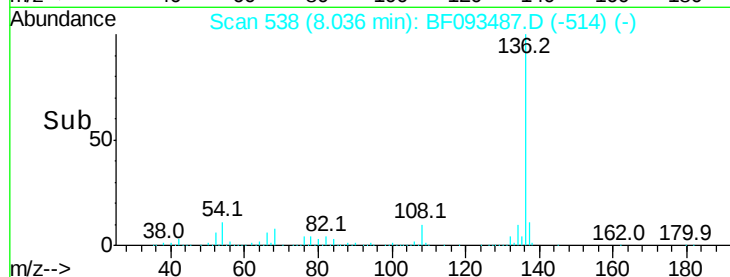
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

Instrument :
BNA_F
ClientSampleId :
PB97460BS

Tot Ion:136	Resp:	756699
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.4 12.6
54	11.4	4.5 6.7#
68	8.3	3.6 5.4#

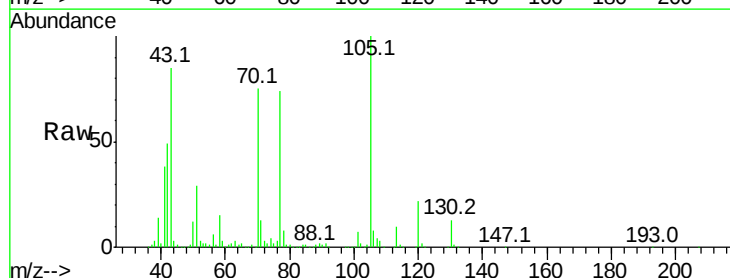


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

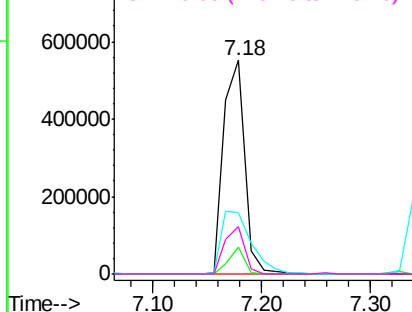
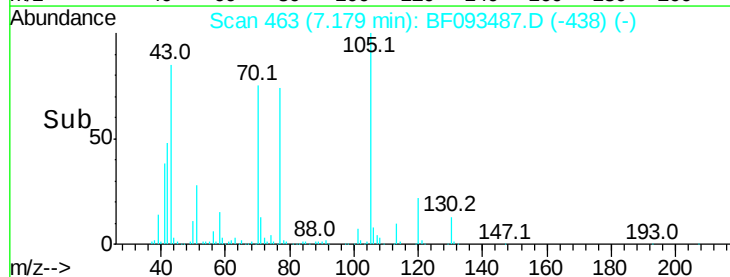


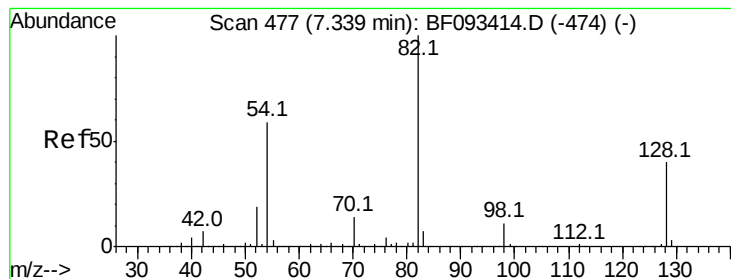
#22
Acetophenone
Concen: 40.82 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

Tgt Ion:105	Resp:	743360
Ion Ratio	Lower	Upper
105	100	
71	12.6	3.2 4.8#
51	28.6	26.2 39.4
120	22.2	16.6 24.8



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: 79.75 ng

RT: 7.33 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

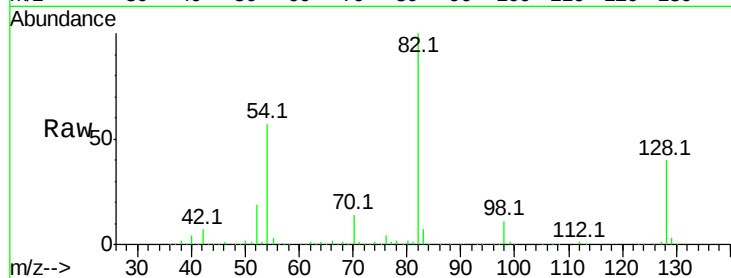
Tot Ion: 82 Resp: 1087590

Ion Ratio Lower Upper

82 100

128 40.2 34.6 52.0

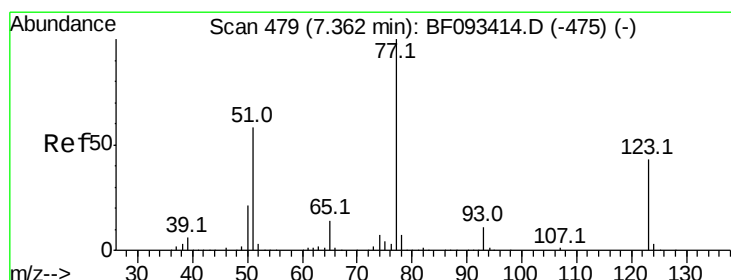
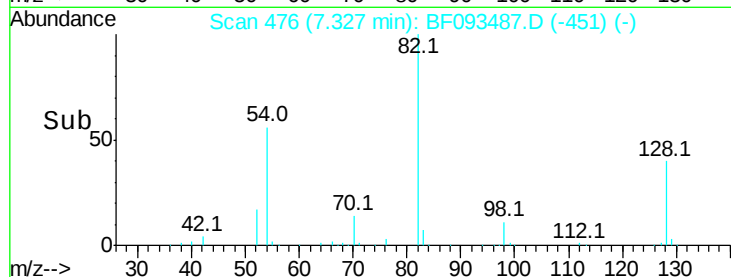
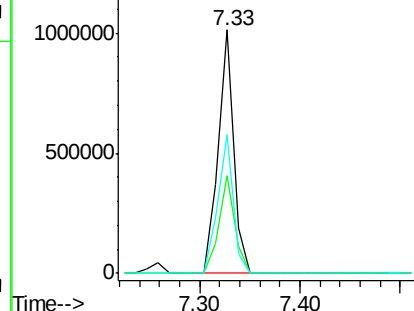
54 57.1 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.26 ng

RT: 7.35 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

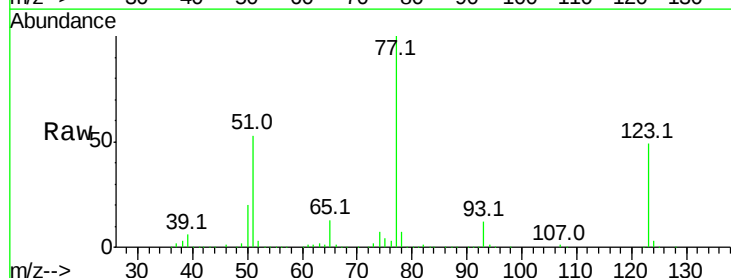
Tgt Ion: 77 Resp: 617126

Ion Ratio Lower Upper

77 100

123 48.7 33.0 49.4

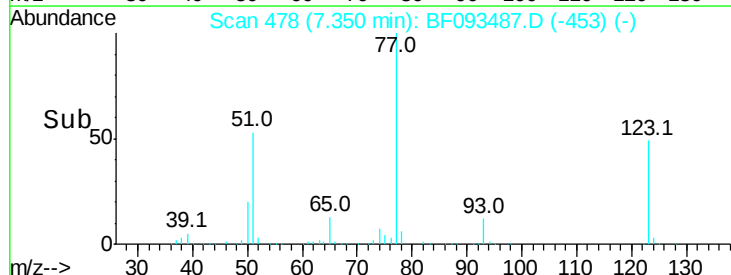
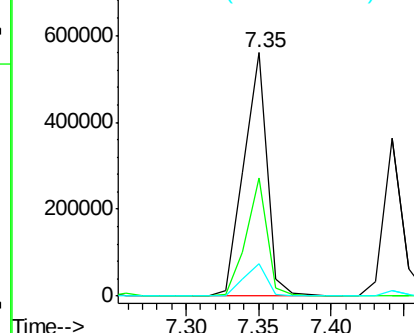
65 13.2 11.2 16.8

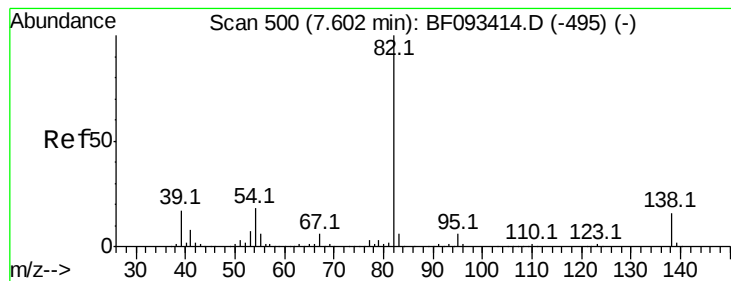


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.22 ng

RT: 7.59 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

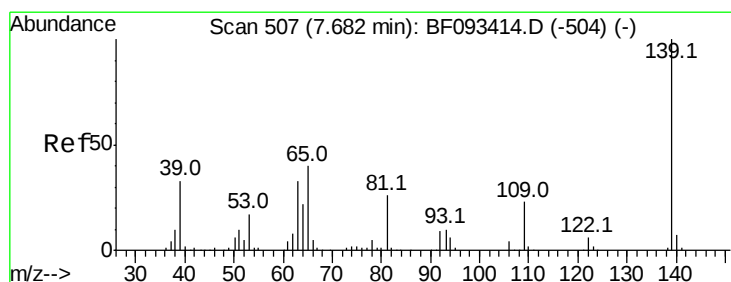
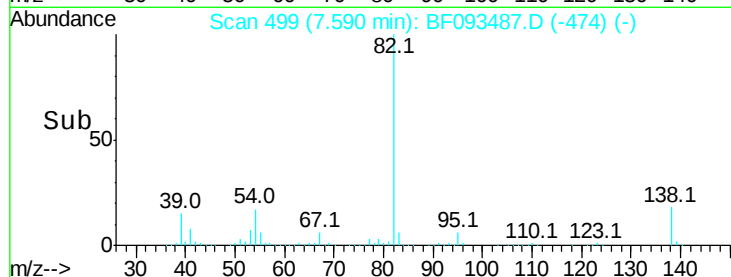
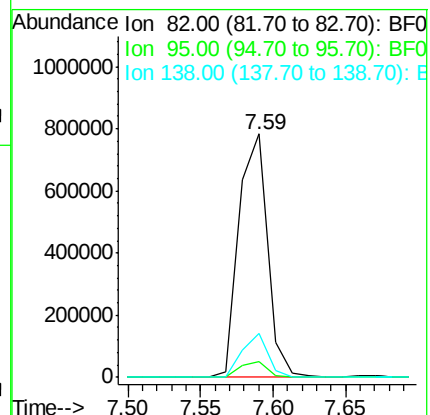
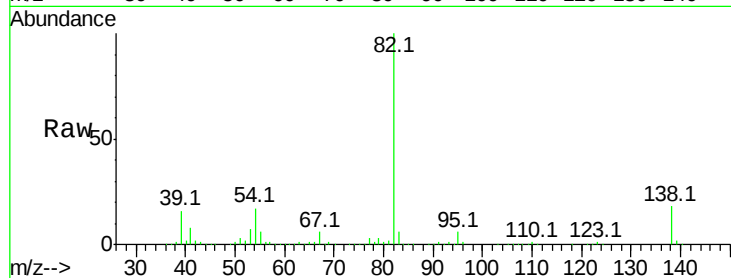
Tot Ion: 82 Resp: 1078607

Ion Ratio Lower Upper

82 100

95 6.2 5.6 8.4

138 18.1 14.6 22.0



#26

2-Nitrophenol

Concen: 41.17 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

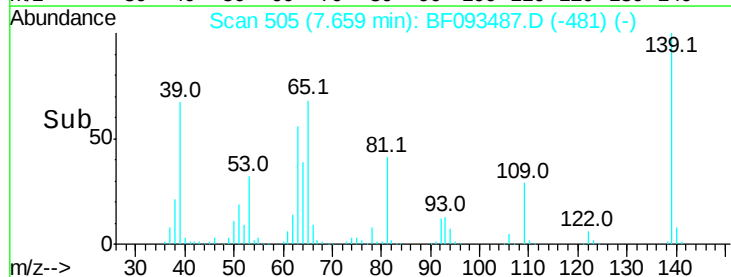
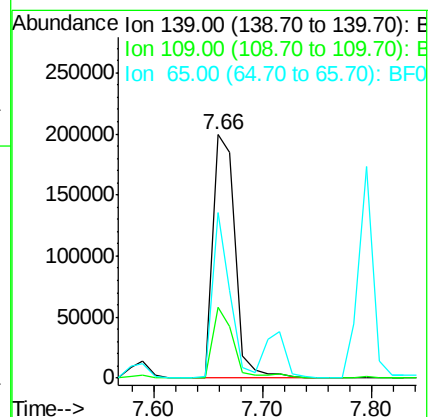
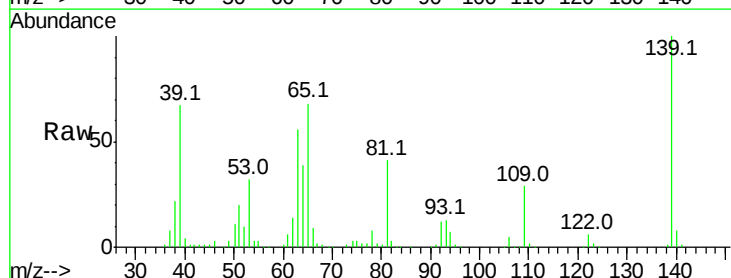
Tgt Ion: 139 Resp: 287927

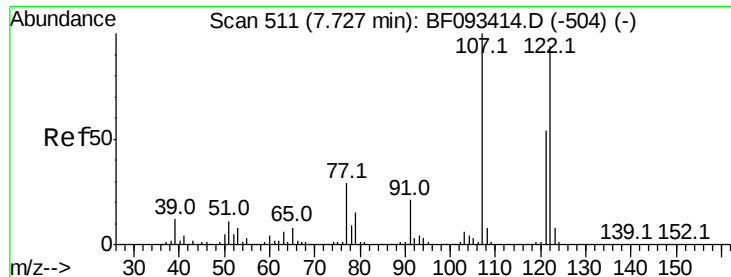
Ion Ratio Lower Upper

139 100

109 29.0 23.3 34.9

65 68.1 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 41.89 ng

RT: 7.72 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

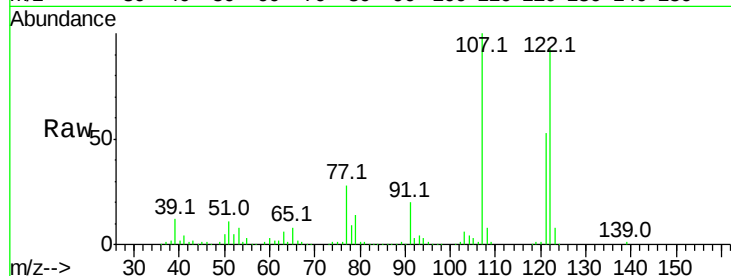
Tot Ion:122 Resp: 476597

Ion Ratio Lower Upper

122 100

107 107.4 94.1 141.1

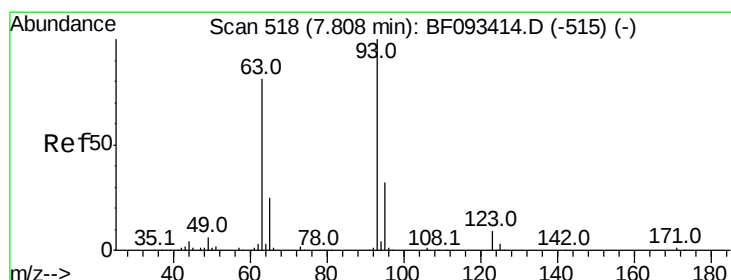
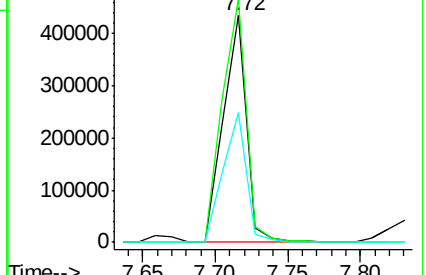
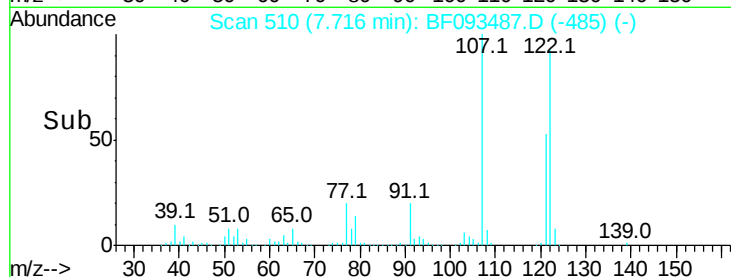
121 56.9 46.0 69.0



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: 40.74 ng

RT: 7.80 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

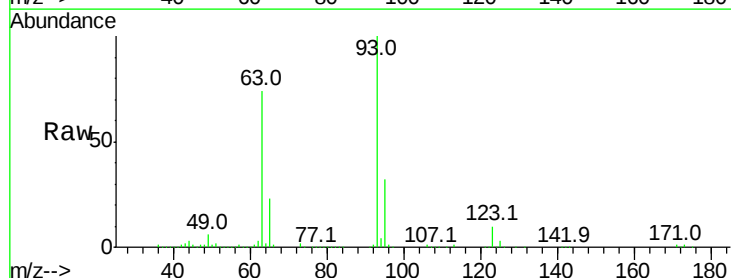
Tgt Ion: 93 Resp: 707392

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

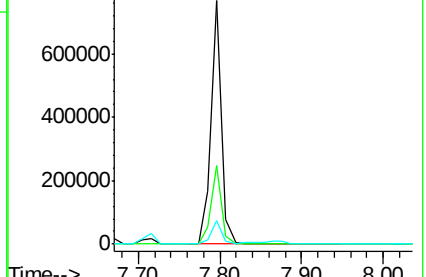
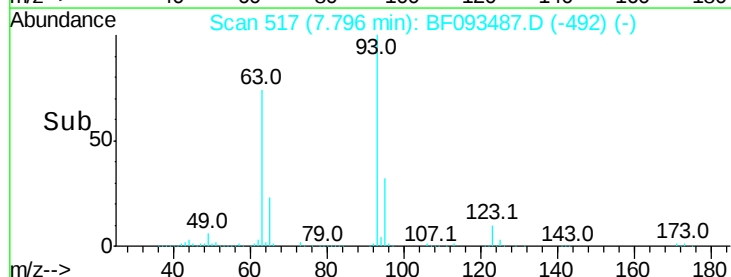
123 9.9 8.6 13.0

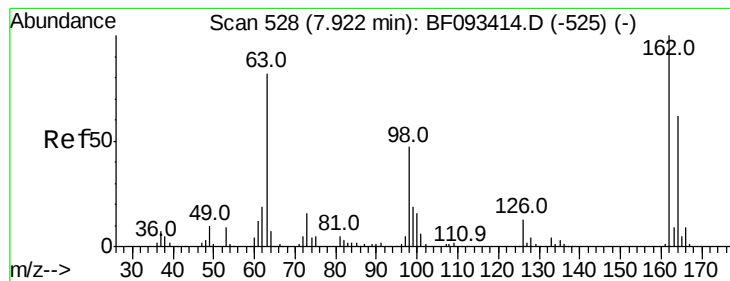


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.74 ng

RT: 7.91 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

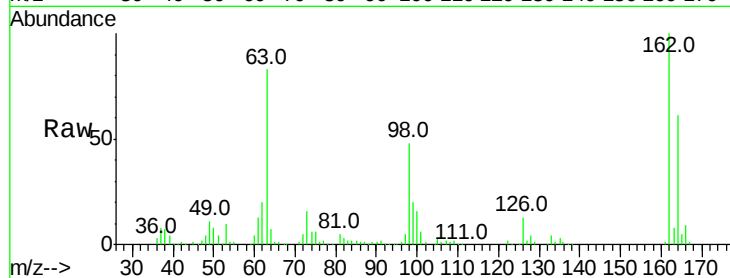
Tot Ion:162 Resp: 468131

Ion Ratio Lower Upper

162 100

164 61.0 46.8 86.8

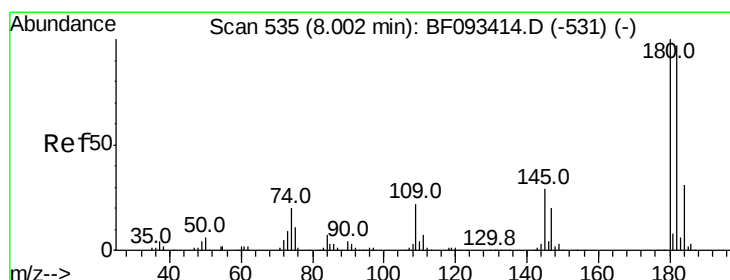
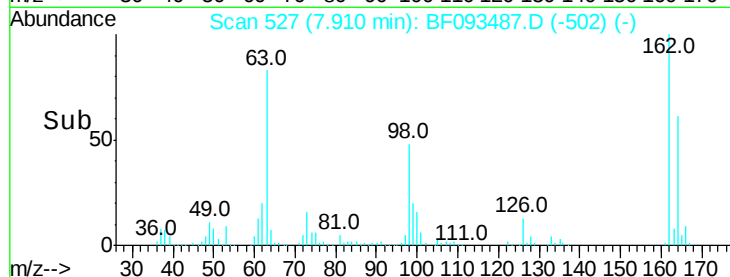
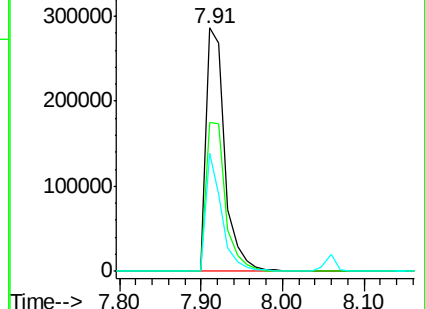
98 48.3 9.1 49.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30

1,2,4-Trichlorobenzene

Concen: 37.78 ng

RT: 7.98 min Scan# 533

Delta R.T. -0.02 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

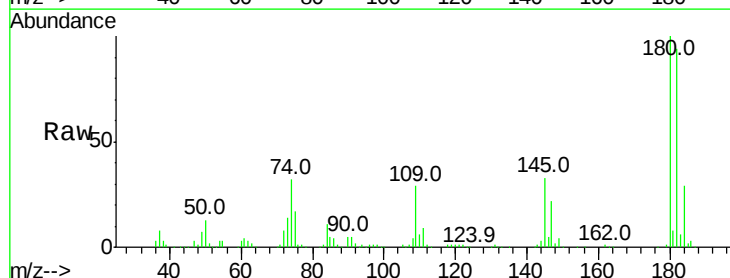
Tgt Ion:180 Resp: 429953

Ion Ratio Lower Upper

180 100

182 94.3 78.2 117.4

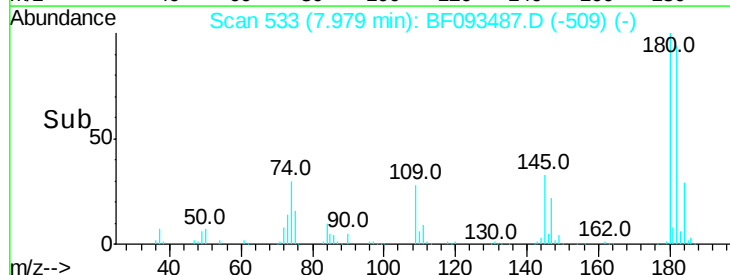
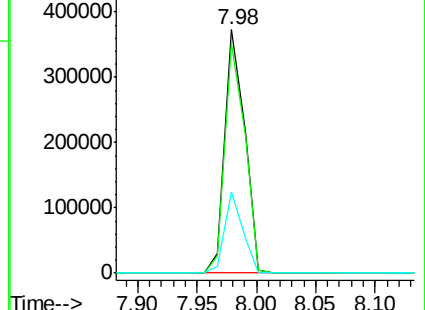
145 33.4 21.6 32.4#

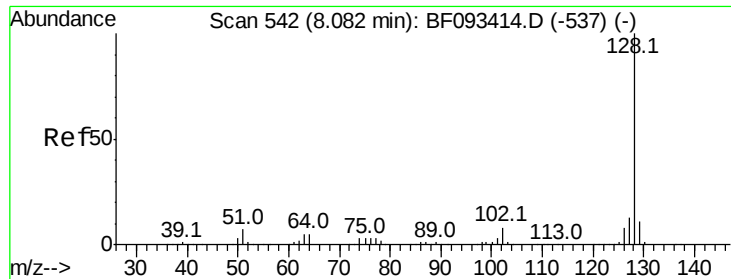


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

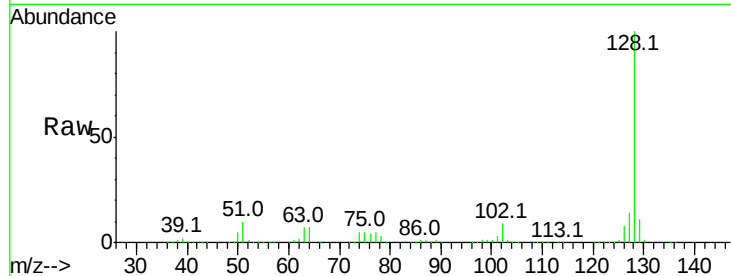




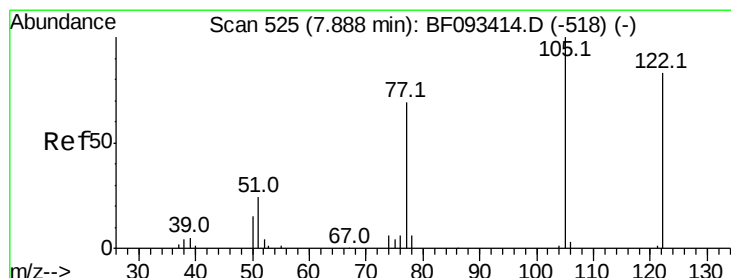
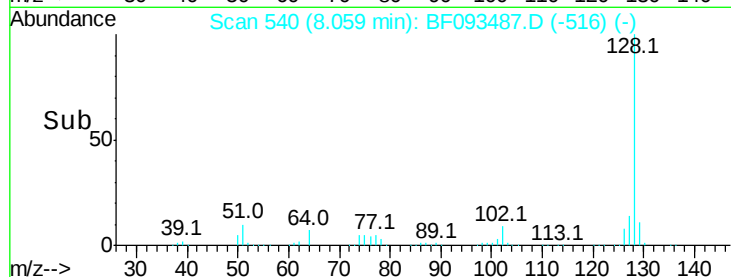
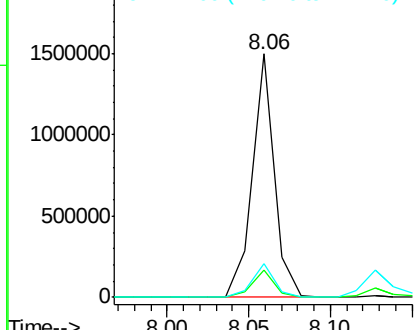
#31
Naphthalene
Concen: 37.04 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

Instrument :
BNA_F
ClientSampleId :
PB97460BS

Tot Ion:128 Resp: 1404450
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.6 10.8 16.2

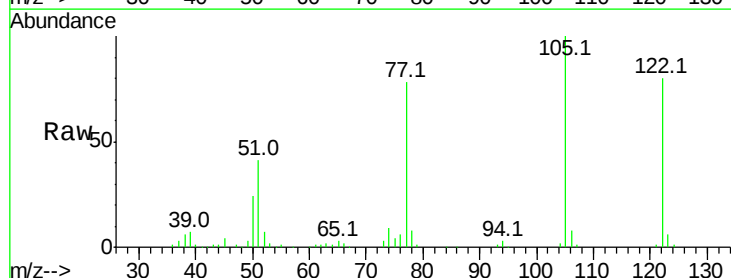


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

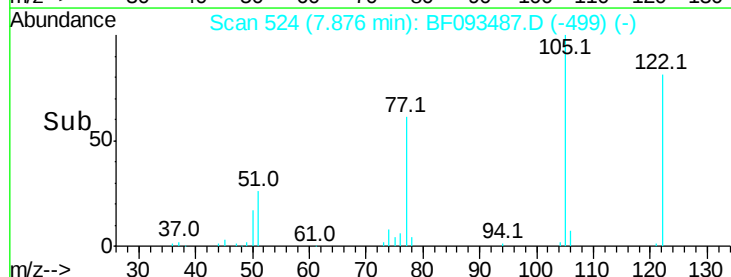
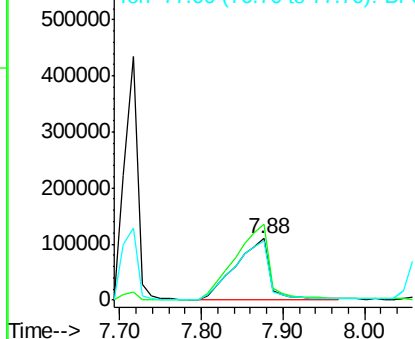


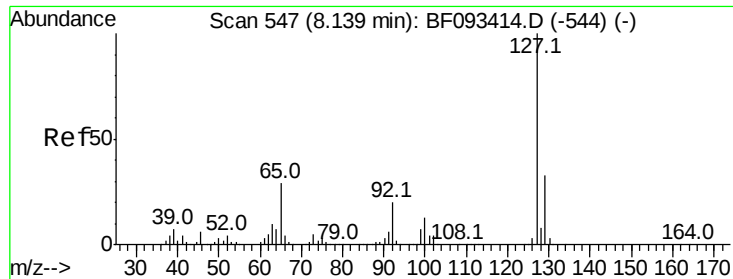
#32
Benzoic acid
Concen: 53.36 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

Tgt Ion:122 Resp: 315455
Ion Ratio Lower Upper
122 100
105 124.7 107.2 147.2
77 97.3 74.5 114.5



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

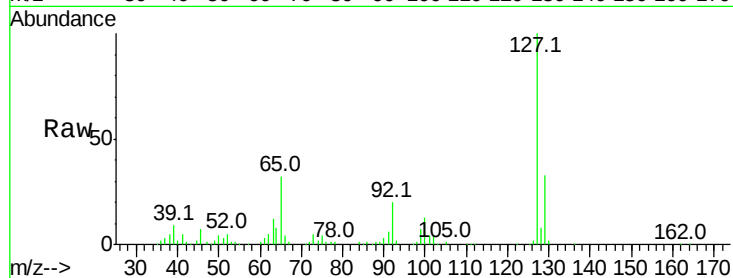




#33
4-Chloroaniline
Concen: 15.22 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

Instrument :
BNA_F
ClientSampleId :
PB97460BS

Tot Ion:	127	Resp:	234225
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	32.2	25.8	38.8
92	19.8	16.1	24.1



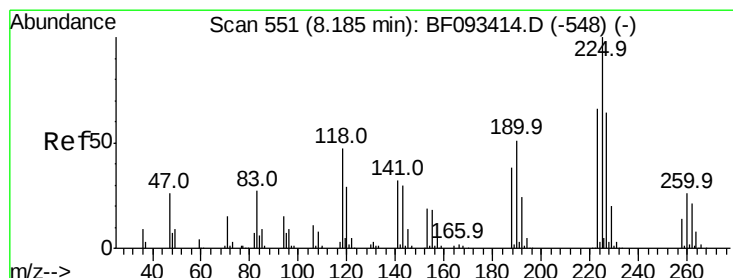
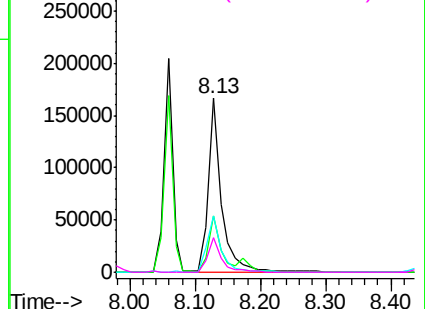
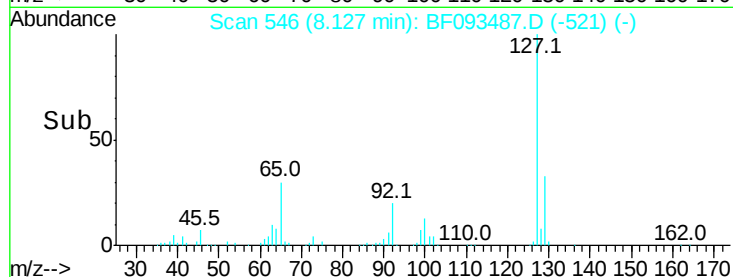
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

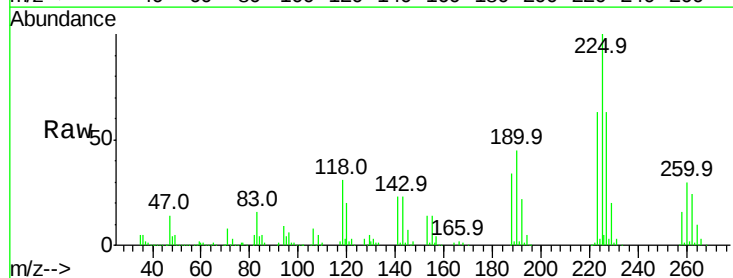
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 39.82 ng
RT: 8.17 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

Tgt Ion:	225	Resp:	233421
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.6
227	62.9	50.6	76.0

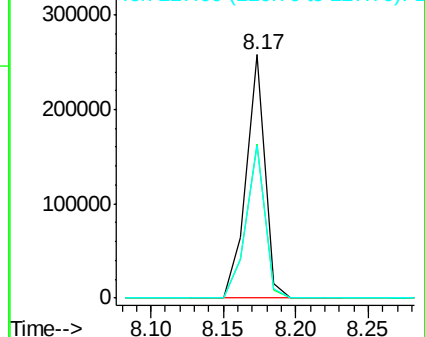
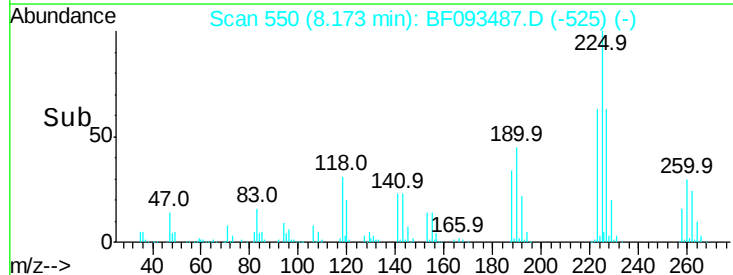


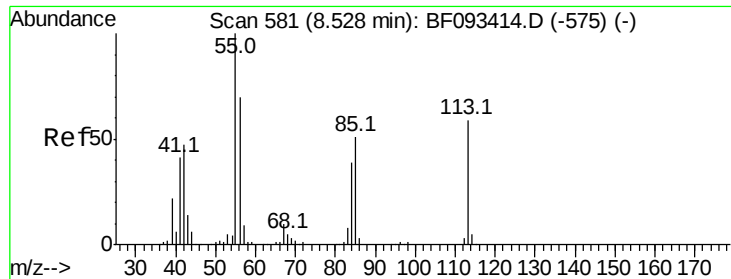
Abundance

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: 45.01 ng/mL

RT: 8.50 min Scan# 579

Delta R.T. -0.02 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleID :

PB97460BS

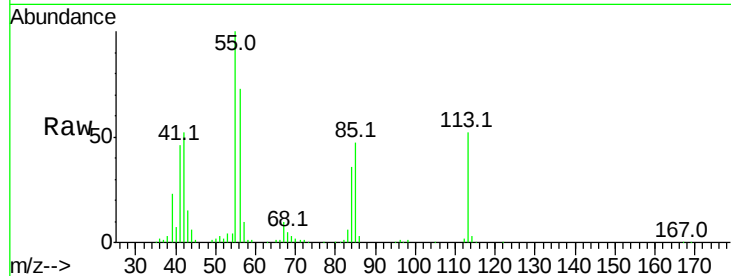
Tot Ion:113 Resp: 164528

Ion Ratio Lower Upper

113 100

55 192.6 119.2 159.2#

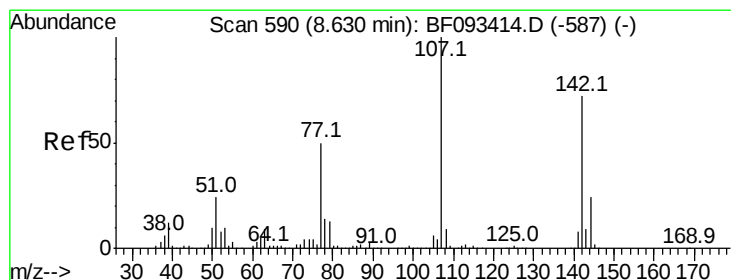
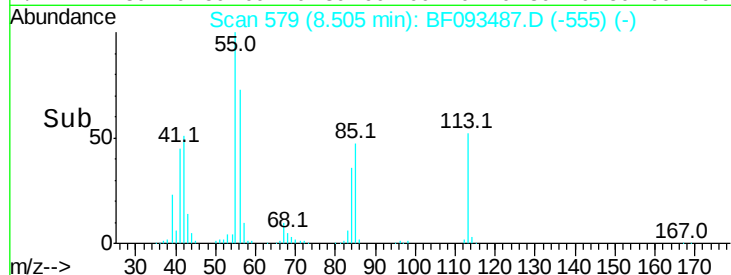
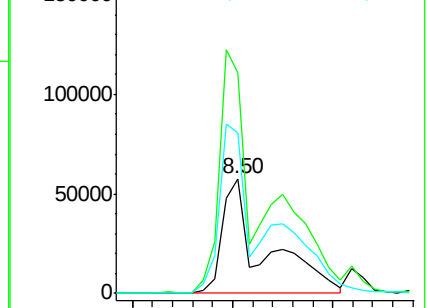
56 140.2 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.32 ng/mL

RT: 8.62 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

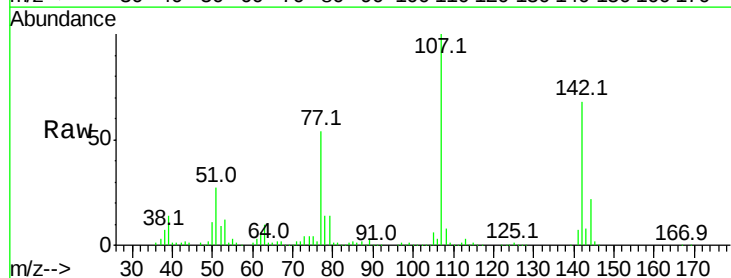
Tgt Ion:107 Resp: 483461

Ion Ratio Lower Upper

107 100

144 21.7 19.3 28.9

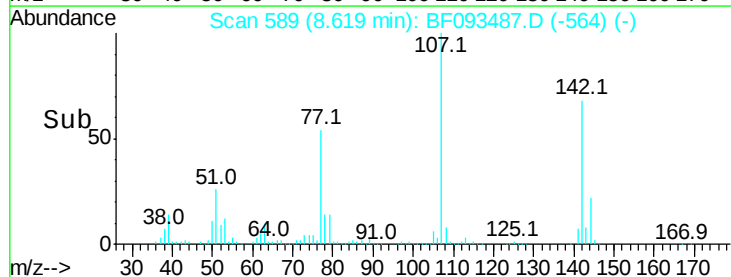
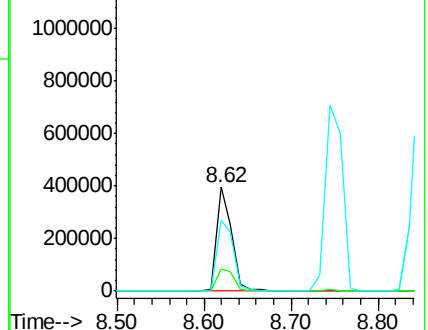
142 67.6 59.0 88.6

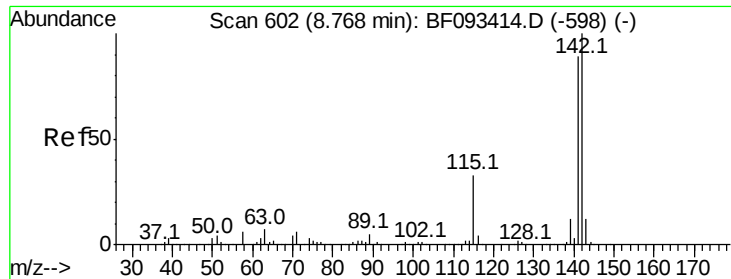


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.55 ng

RT: 8.74 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

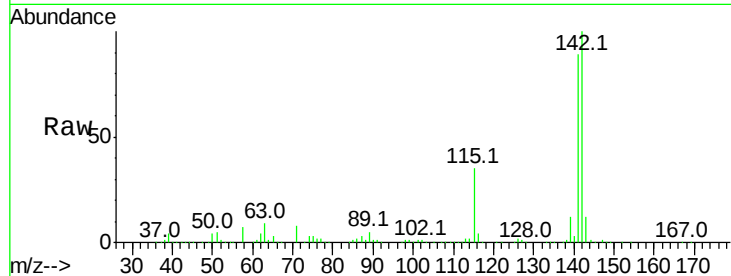
Tot Ion:142 Resp: 954151

Ion Ratio Lower Upper

142 100

141 89.5 71.0 106.6

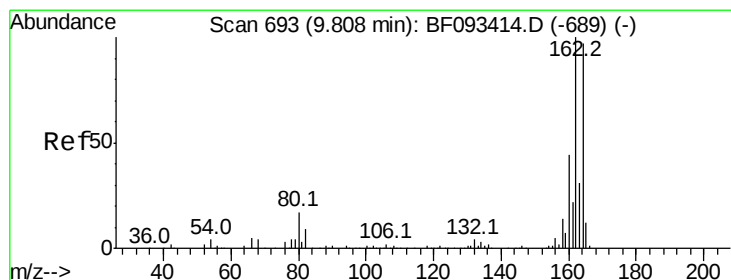
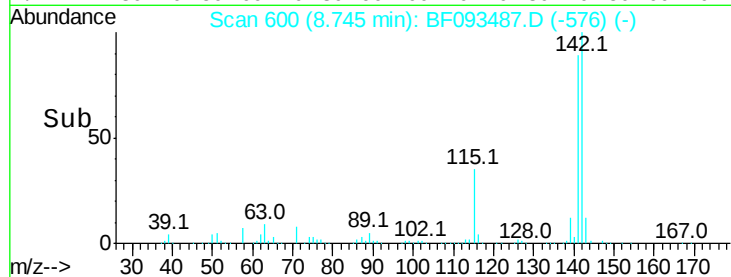
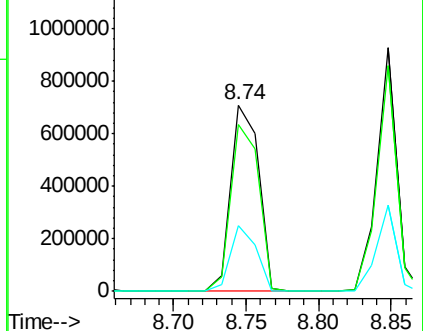
115 35.1 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

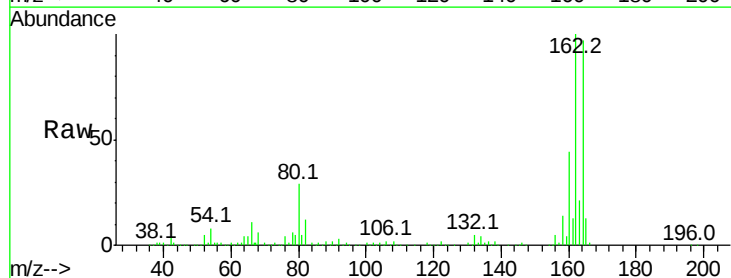
Tgt Ion:164 Resp: 360864

Ion Ratio Lower Upper

164 100

162 102.8 80.2 120.2

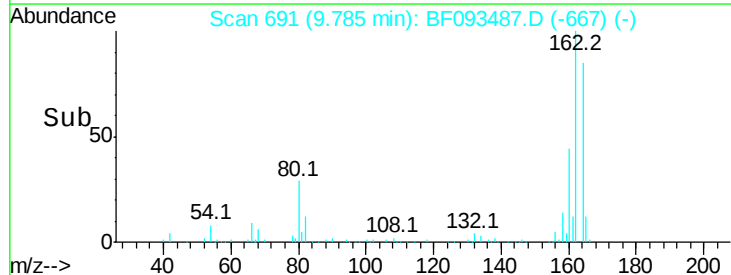
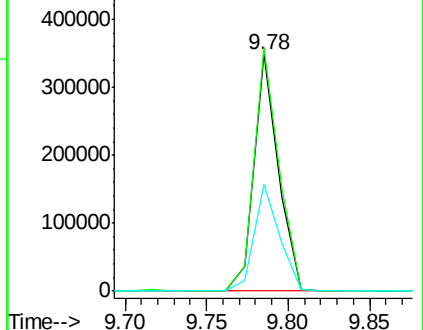
160 44.8 36.9 55.3

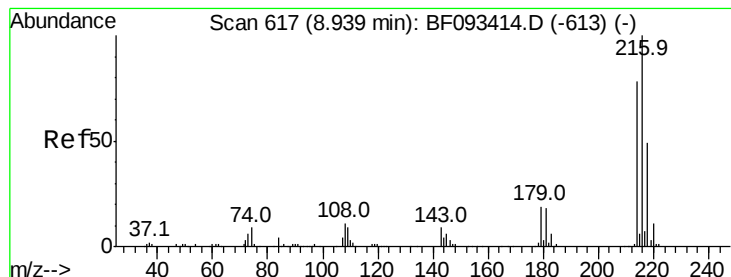


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.76 ng

RT: 8.92 min Scan# 615

Delta R.T. -0.02 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

Tot Ion:216 Resp: 411529

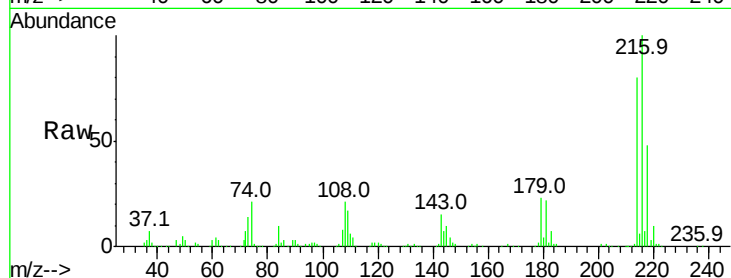
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.0

179 22.5 17.4 26.2

108 22.4 15.6 23.4

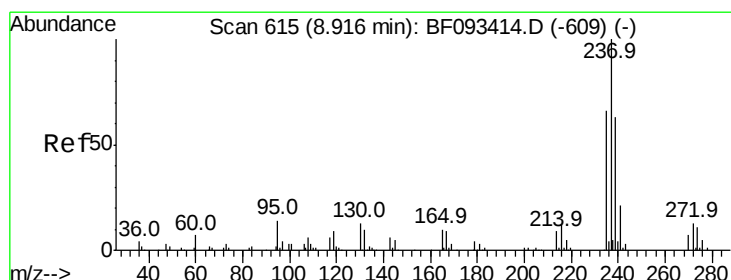
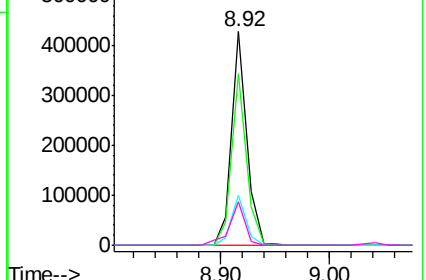
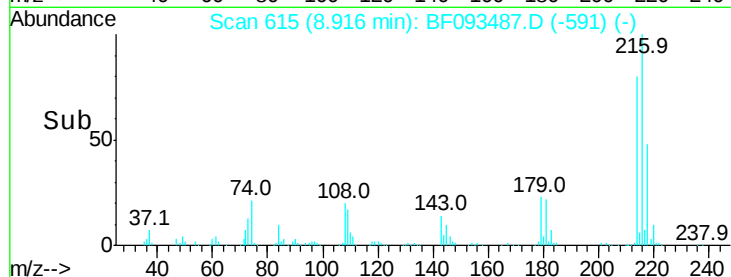


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.45 ng

RT: 8.89 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

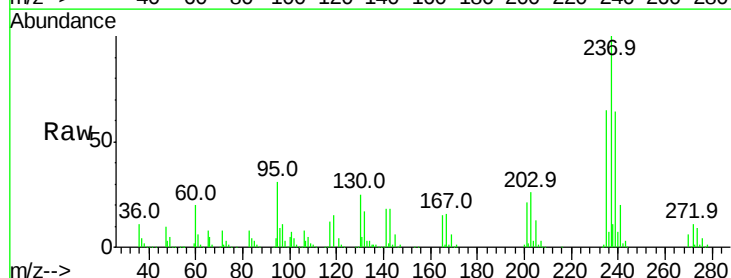
Tgt Ion:237 Resp: 173880

Ion Ratio Lower Upper

237 100

235 64.9 41.2 81.2

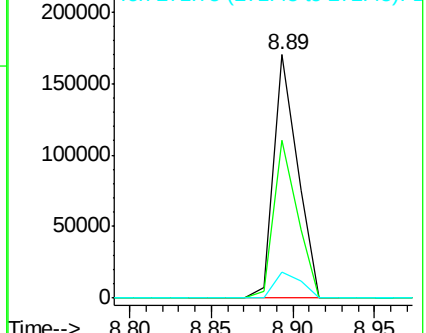
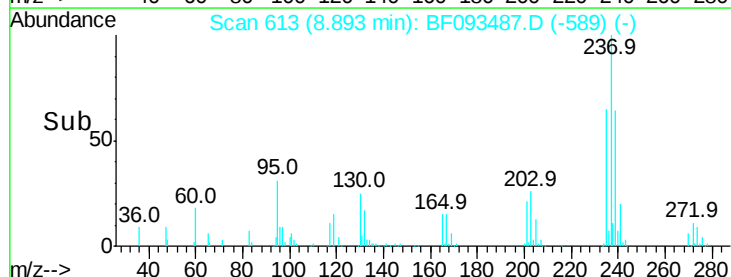
272 10.5 0.0 35.4

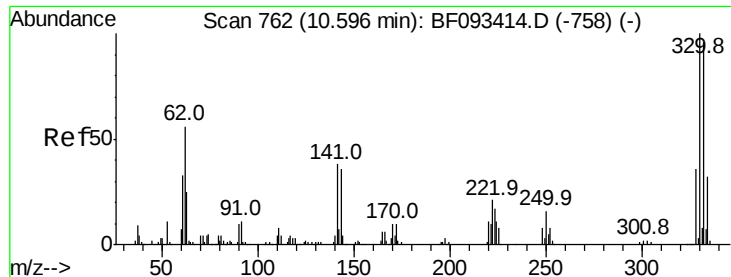


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

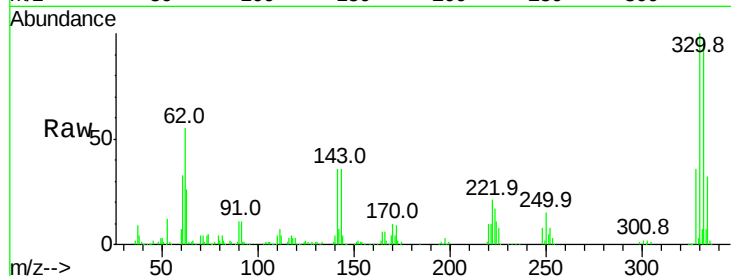




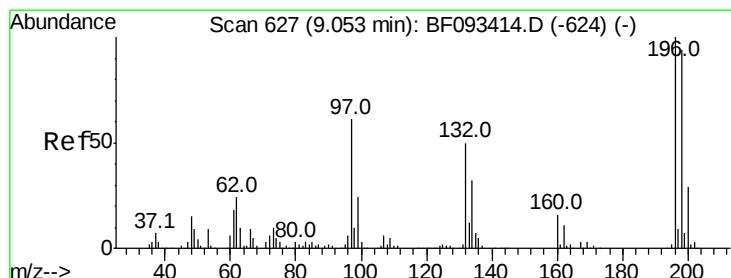
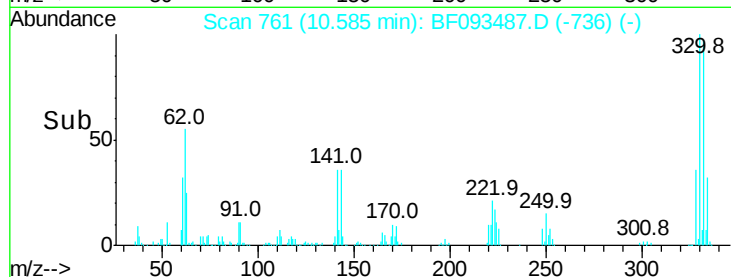
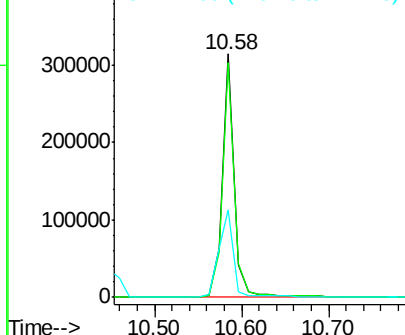
#41
 2,4,6-Tribromophenol
 Concen: 131.09 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093487.D
 Acq: 9 Mar 2017 20:44

Instrument :
 BNA_F
 ClientSampleId :
 PB97460BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.4	116.2
141	42.8	34.1	51.1

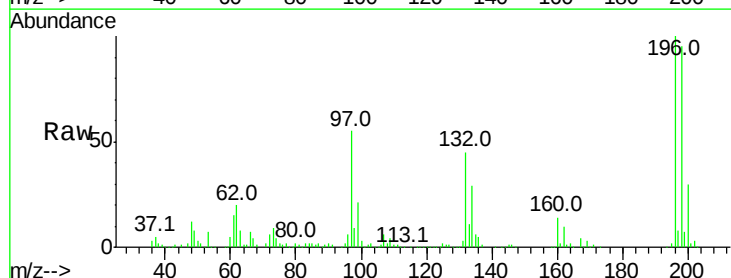


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

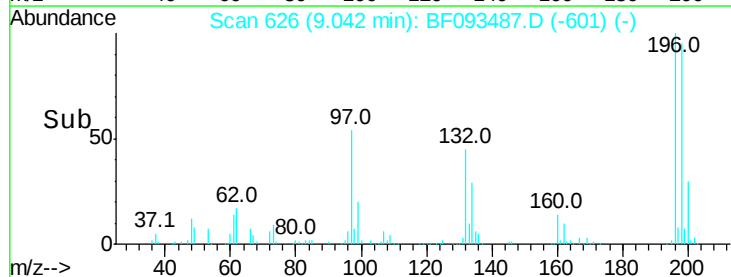
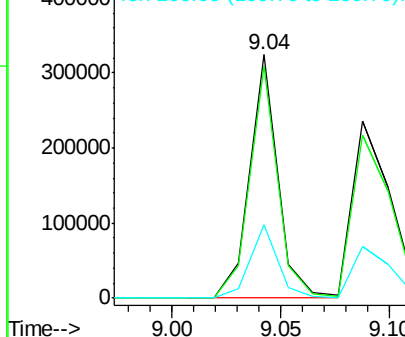


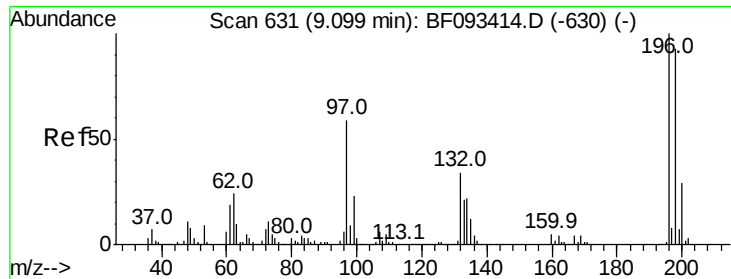
#42
 2,4,6-Trichlorophenol
 Concen: 47.38 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF093487.D
 Acq: 9 Mar 2017 20:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	82.1	123.1
200	30.4	27.0	40.4



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

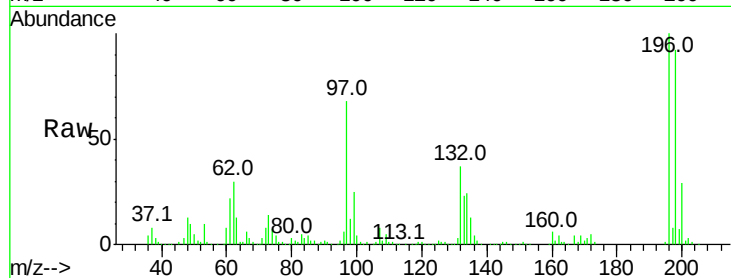




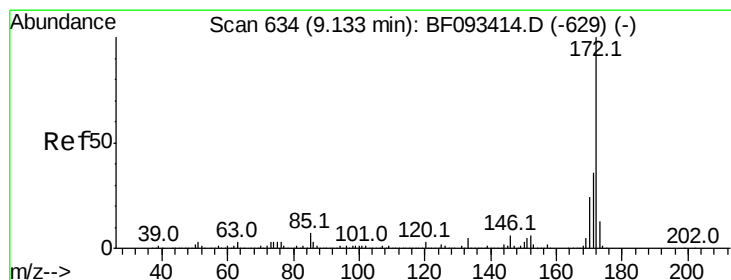
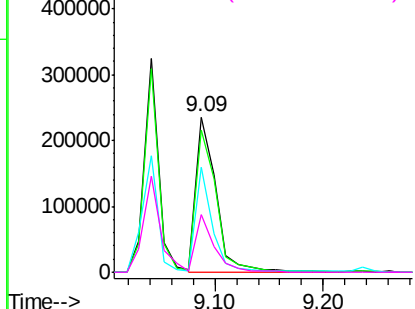
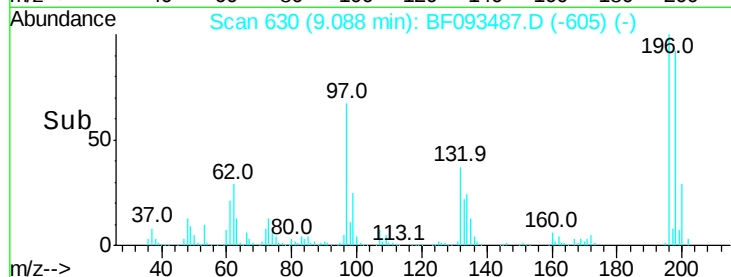
#43
2,4,5-Trichlorophenol
Concen: 45.20 ng
RT: 9.09 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

Instrument :
BNA_F
ClientSampleId :
PB97460BS

Tot Ion:196 Resp: 298612
Ion Ratio Lower Upper
196 100
198 91.9 79.4 119.2
97 67.7 51.5 77.3
132 37.1 27.4 41.2

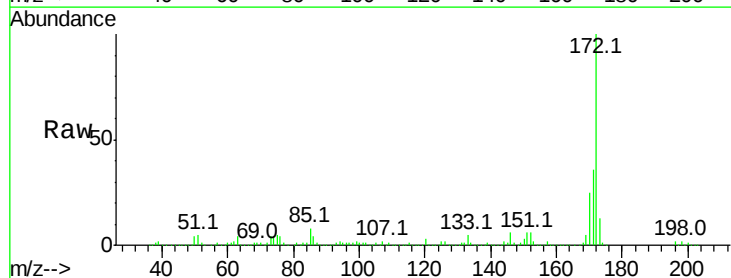


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

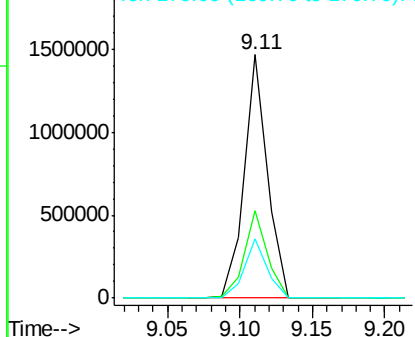
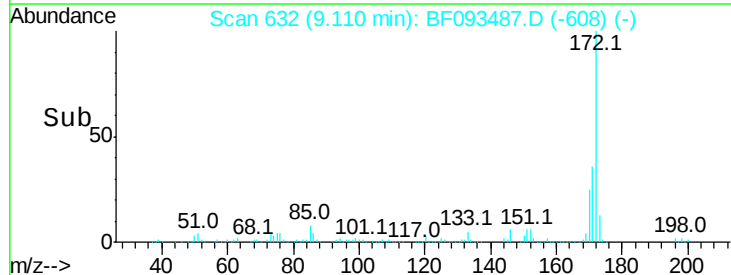


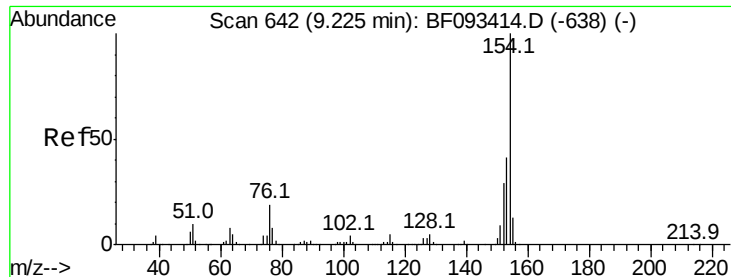
#44
2-Fluorobiphenyl
Concen: 83.68 ng
RT: 9.11 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

Tgt Ion:172 Resp: 1623484
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 24.5 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 44.08 ng

RT: 9.21 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

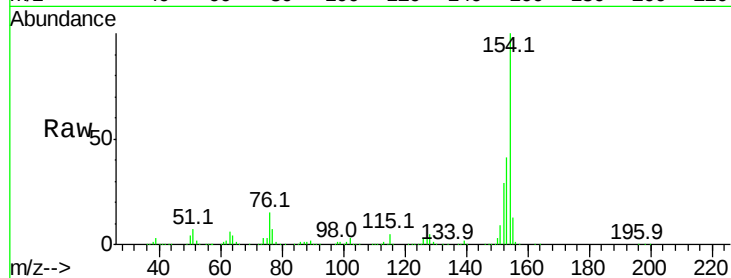
Tot Ion:154 Resp: 1158656

Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

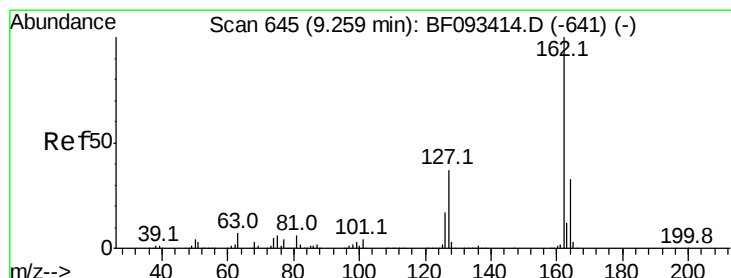
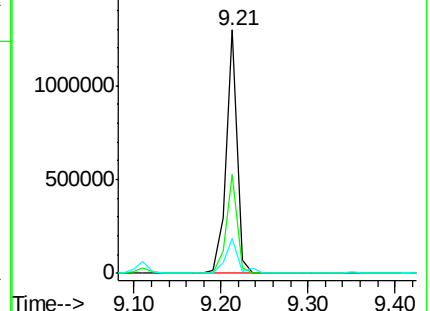
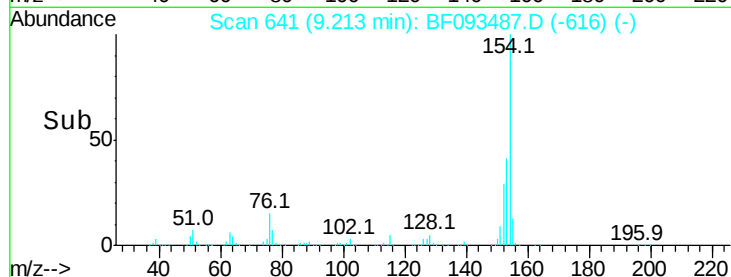
76 14.5 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.90 ng

RT: 9.24 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

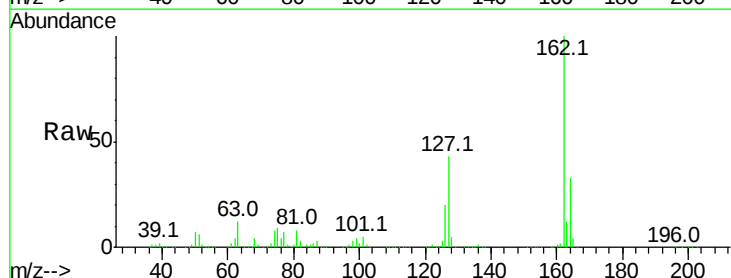
Tgt Ion:162 Resp: 883335

Ion Ratio Lower Upper

162 100

127 42.7 30.7 46.1

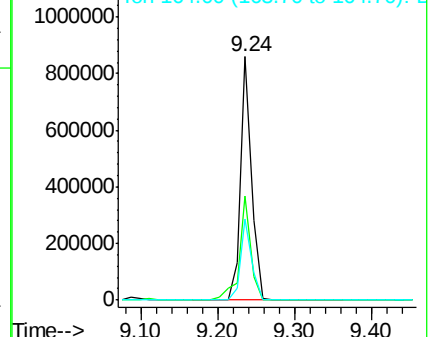
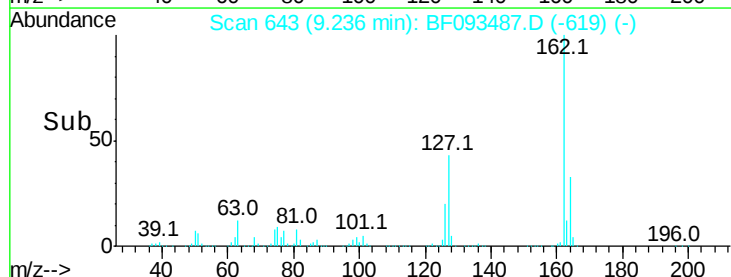
164 33.1 27.6 41.4

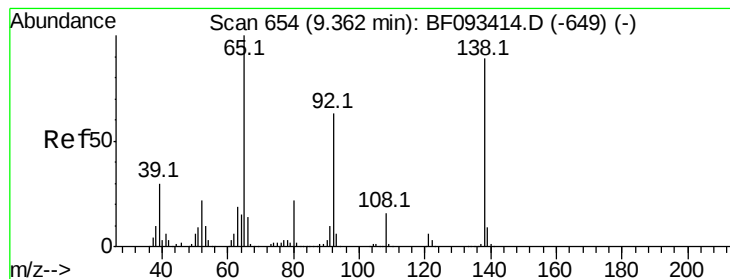


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.40 ng

RT: 9.35 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

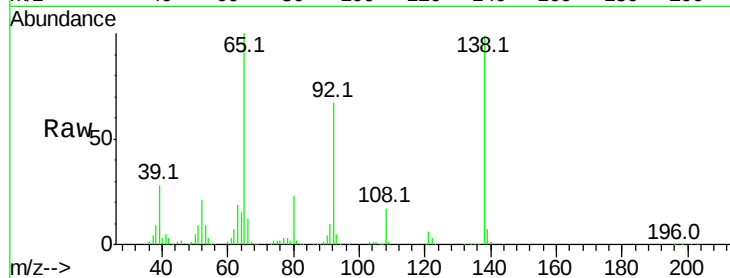
Tot Ion: 65 Resp: 365650

Ion Ratio Lower Upper

65 100

92 66.7 53.9 80.9

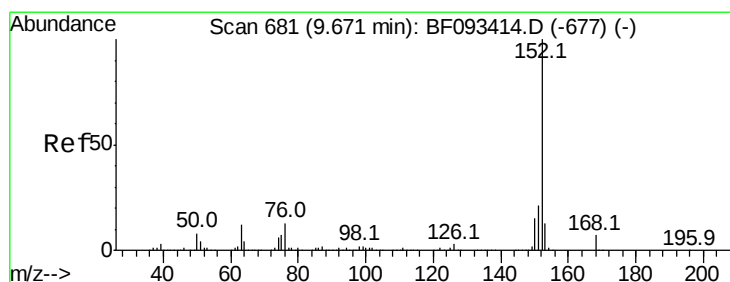
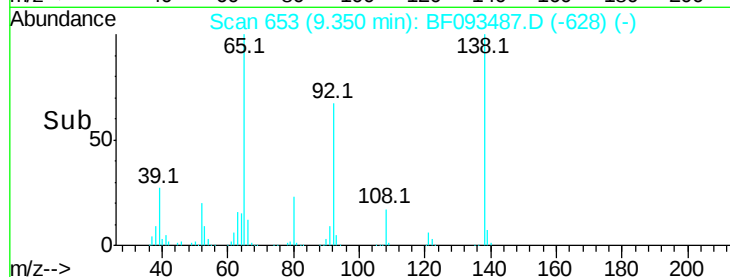
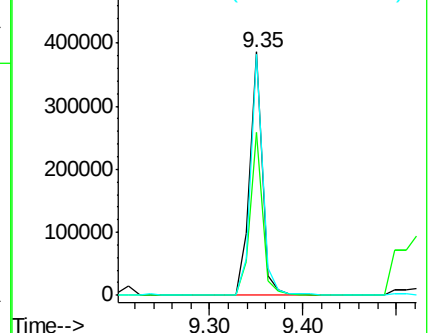
138 98.9 76.8 115.2



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): BF0



#48

Acenaphthylene

Concen: 40.36 ng

RT: 9.65 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

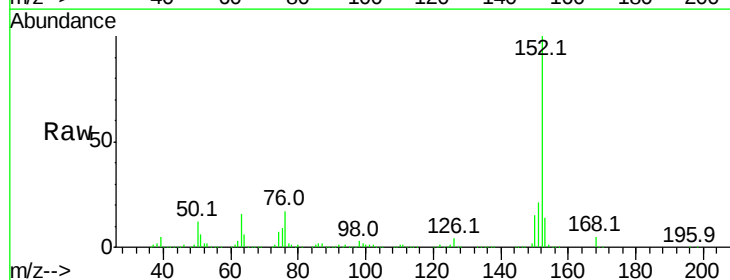
Tgt Ion: 152 Resp: 1339498

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

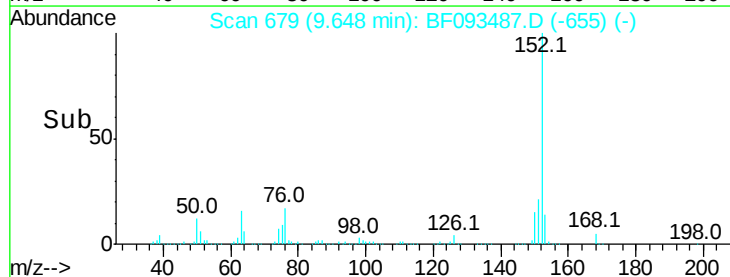
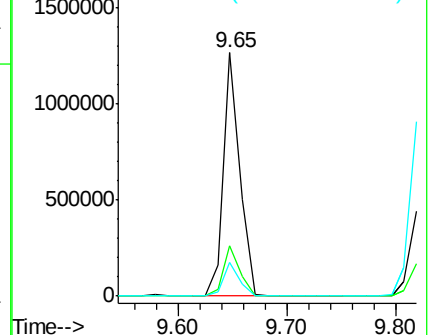
153 13.7 11.4 17.2

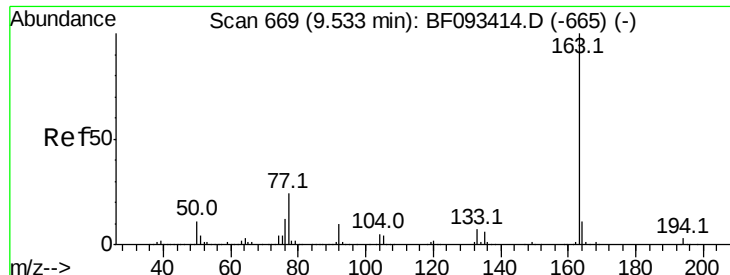


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

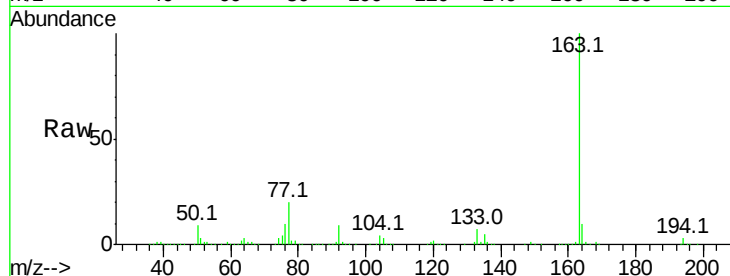




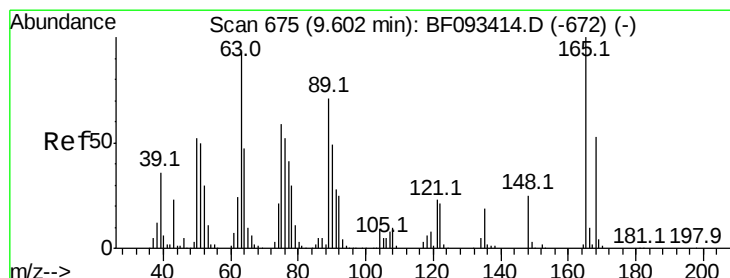
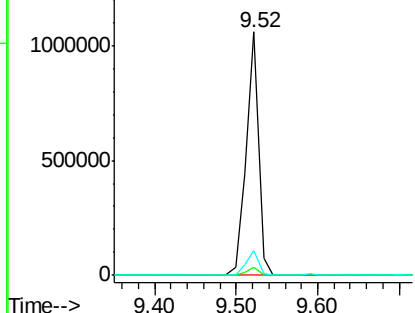
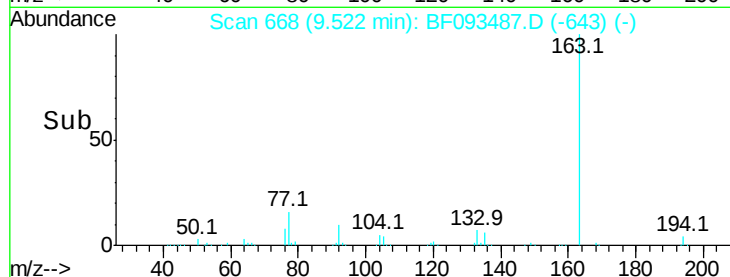
#49
Dimethylphthalate
Concen: 46.40 ng
RT: 9.52 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

Instrument :
BNA_F
ClientSampleId :
PB97460BS

Tot Ion:163 Resp: 1109995
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.4 8.0 12.0

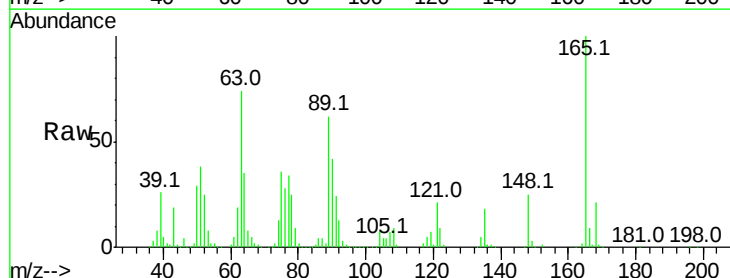


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

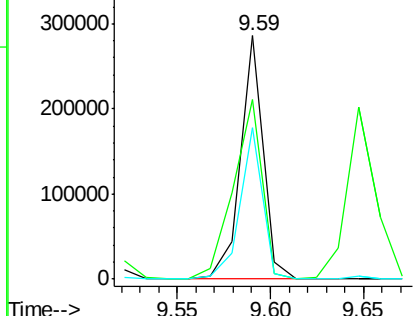
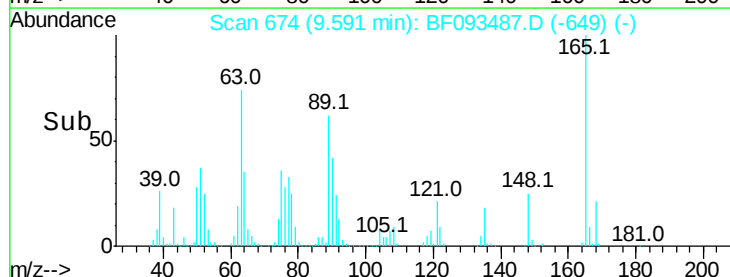


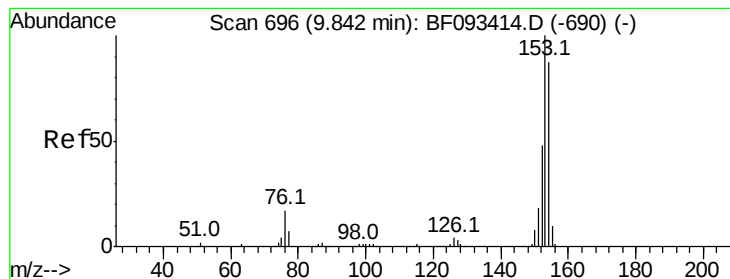
#50
2,6-Dinitrotoluene
Concen: 46.41 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

Tgt Ion:165 Resp: 243656
Ion Ratio Lower Upper
165 100
63 73.7 36.2 54.4#
89 62.1 40.2 60.4#



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: 40.41 ng

RT: 9.82 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

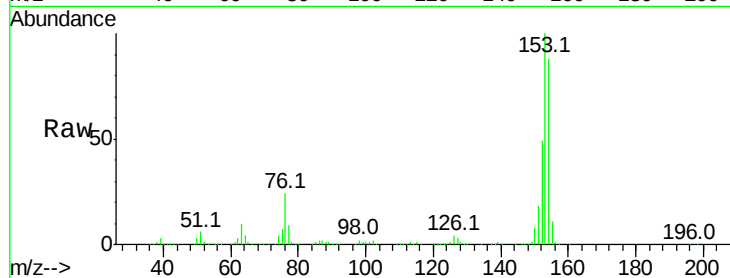
Tot Ion:154 Resp: 792958

Ion Ratio Lower Upper

154 100

153 113.4 88.6 133.0

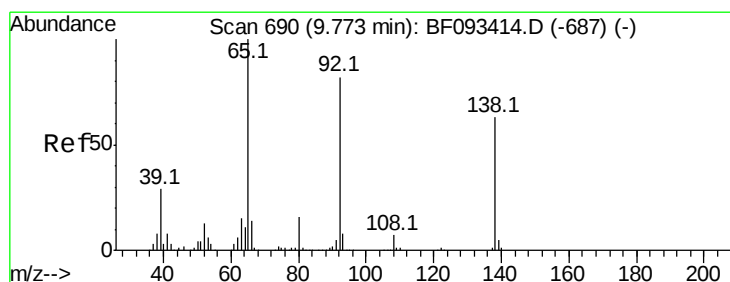
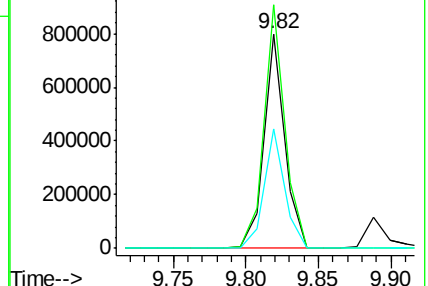
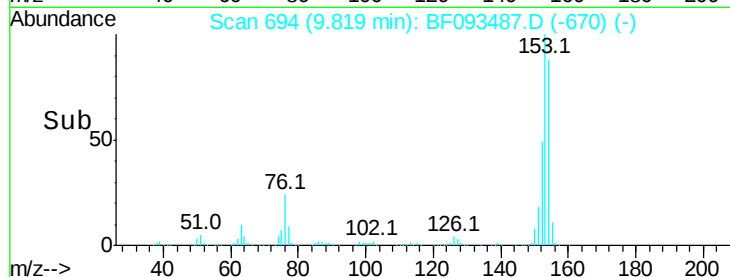
152 55.6 41.6 62.4



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: 21.86 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

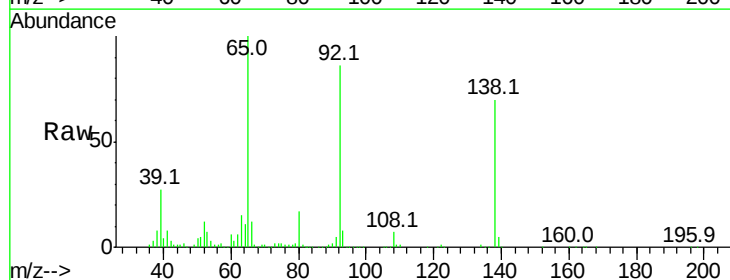
Tgt Ion:138 Resp: 137858

Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

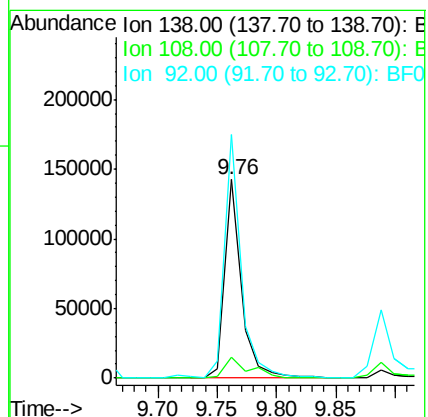
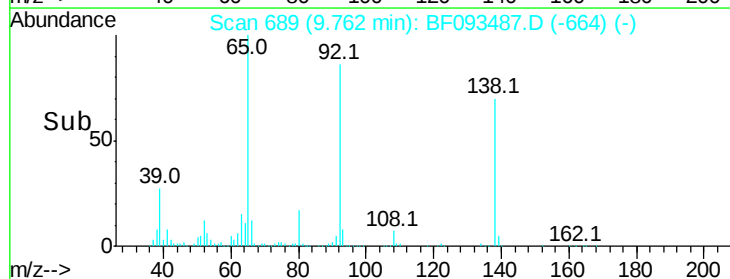
92 122.9 97.8 146.8

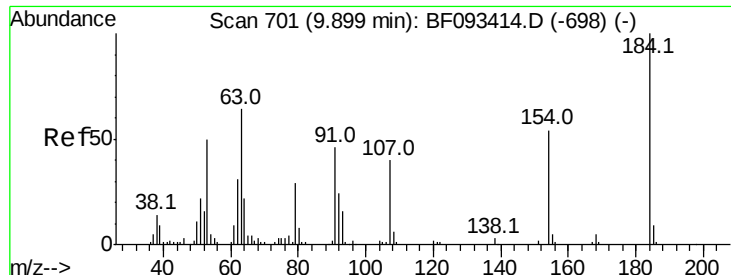


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

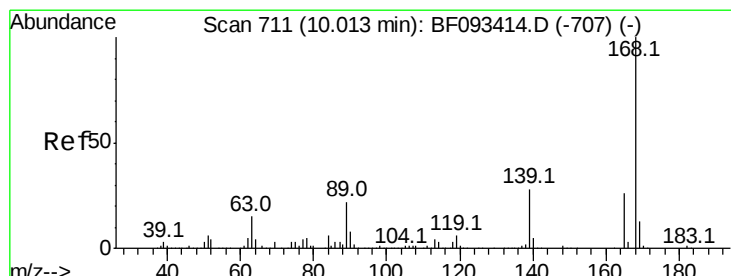
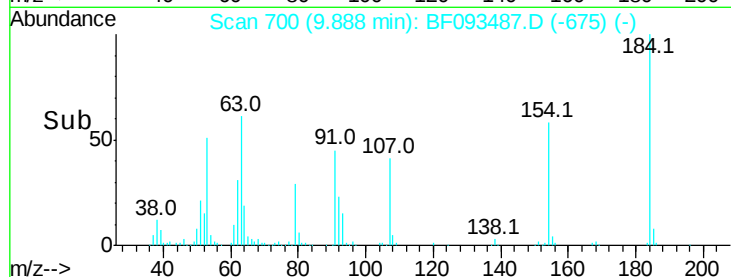
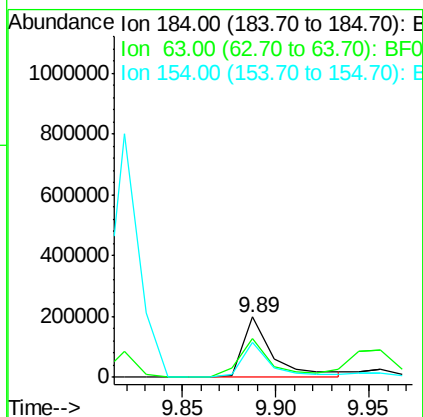
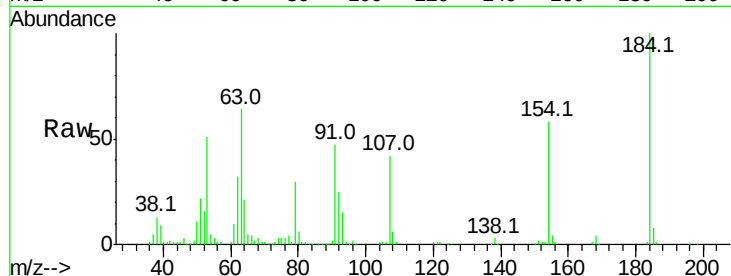




#53
 2,4-Dinitrophenol
 Concen: 93.20 ng
 RT: 9.89 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093487.D
 Acq: 9 Mar 2017 20:44

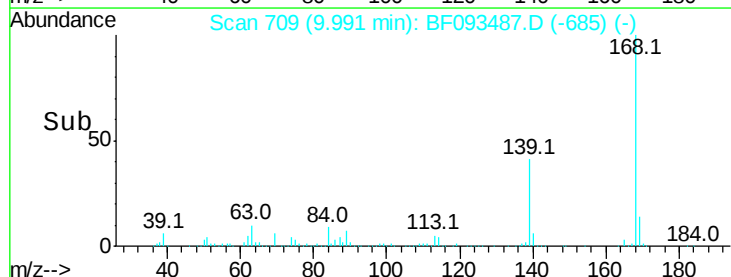
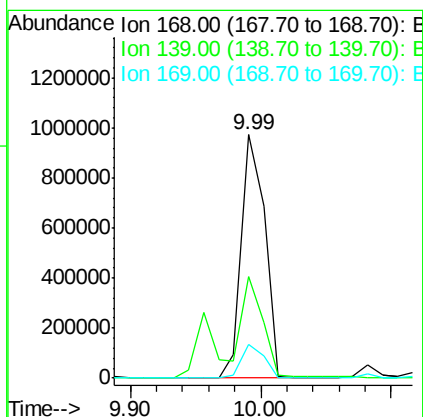
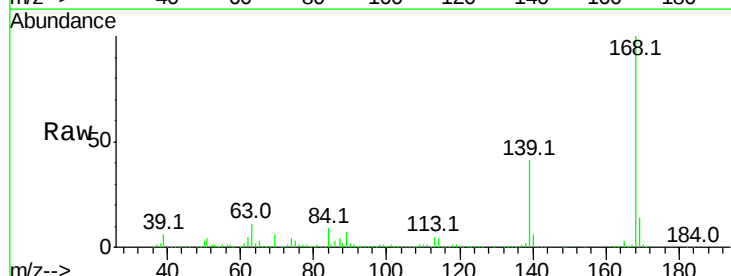
Instrument :
 BNA_F
 ClientSampleId :
 PB97460BS

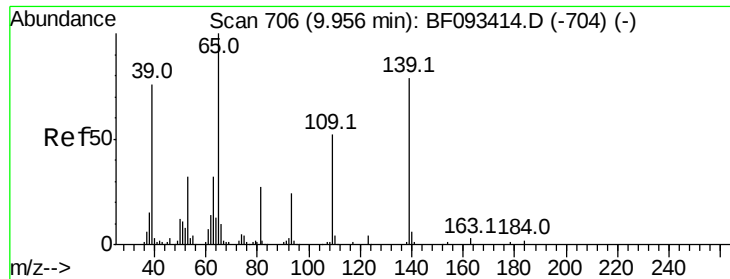
Tot Ion:184 Resp: 222800
 Ion Ratio Lower Upper
 184 100
 63 63.9 28.4 42.6#
 154 58.1 44.3 66.5



#54
 Dibenzofuran
 Concen: 49.20 ng
 RT: 9.99 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF093487.D
 Acq: 9 Mar 2017 20:44

Tgt Ion:168 Resp: 1208480
 Ion Ratio Lower Upper
 168 100
 139 41.5 32.6 49.0
 169 13.8 11.3 16.9

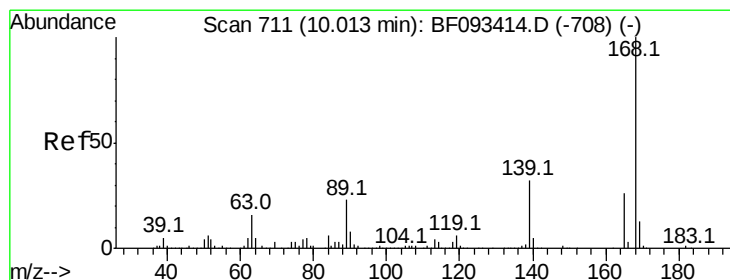
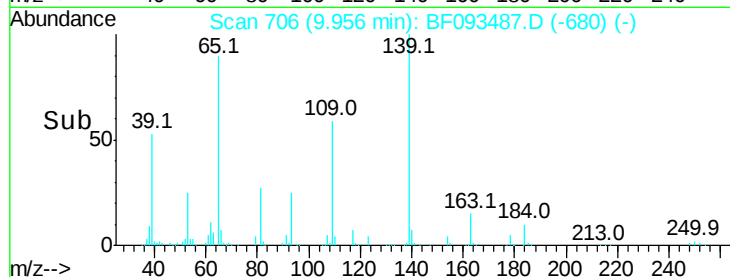
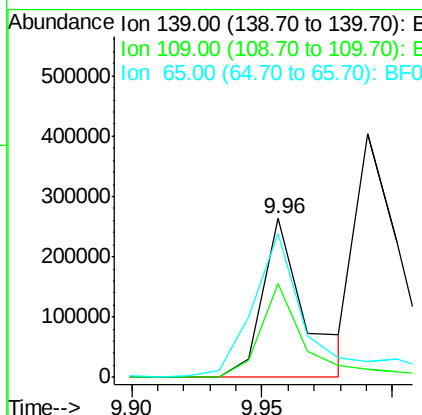
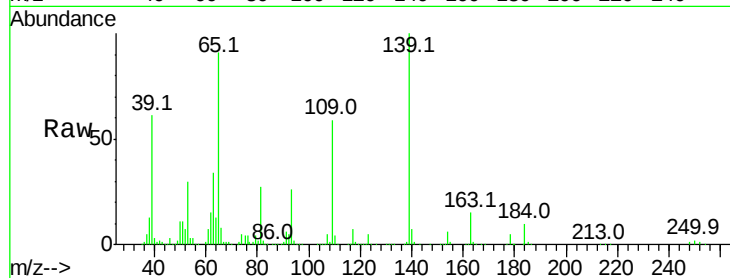




#55
4-Nitrophenol
Concen: 97.80 ng
RT: 9.96 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

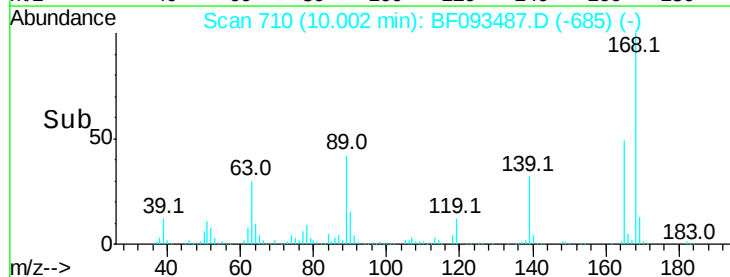
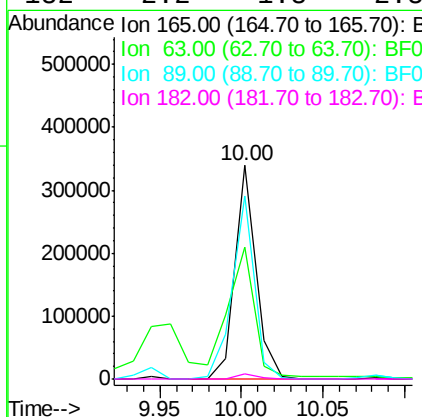
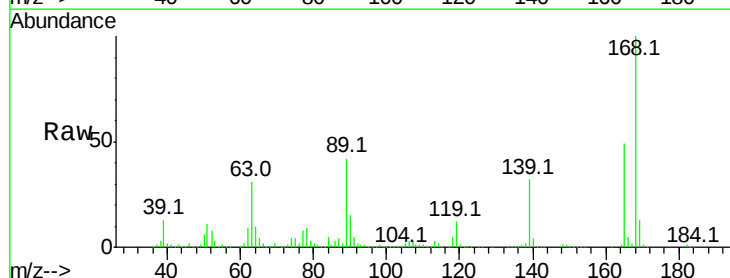
Instrument :
BNA_F
ClientSampleId :
PB97460BS

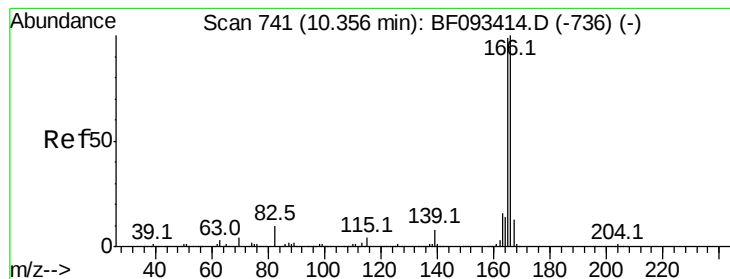
Tot Ion:139 Resp: 299590
Ion Ratio Lower Upper
139 100
109 59.4 52.2 92.2
65 90.8 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 46.44 ng
RT: 10.00 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

Tgt Ion:165 Resp: 299513
Ion Ratio Lower Upper
165 100
63 61.9 40.2 60.4#
89 85.8 62.5 93.7
182 2.2 1.8 2.8





#57

Fluorene

Concen: 45.14 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

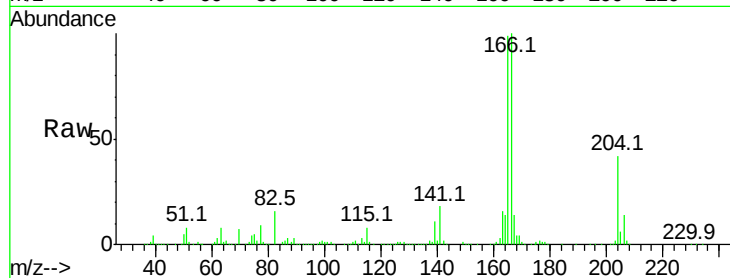
Tot Ion:166 Resp: 939555

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.8

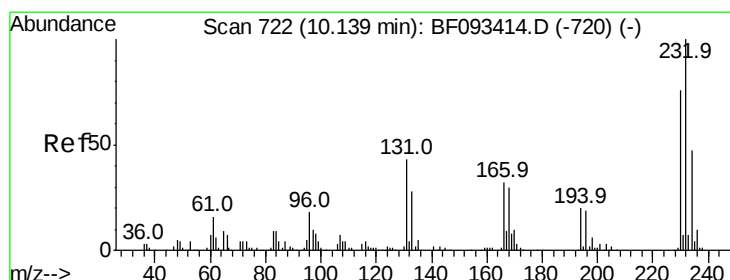
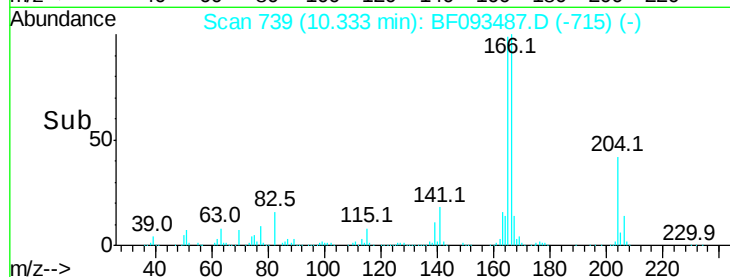
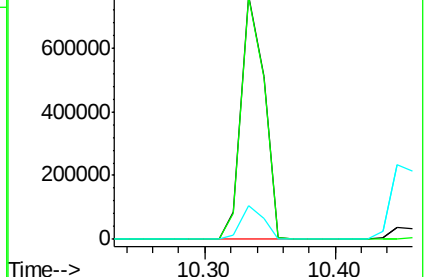
167 13.9 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.01 ng

RT: 10.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Tgt Ion:232 Resp: 242460

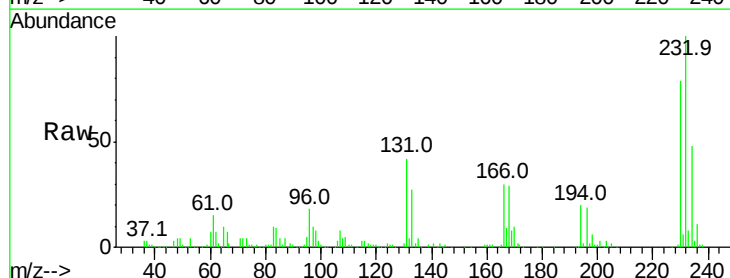
Ion Ratio Lower Upper

232 100

131 46.7 40.1 60.1

130 2.4 1.8 2.8

166 28.4 26.6 39.8

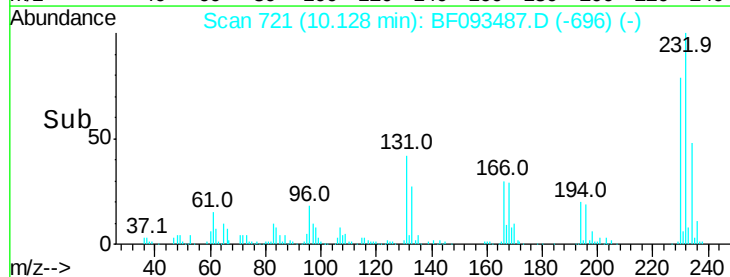
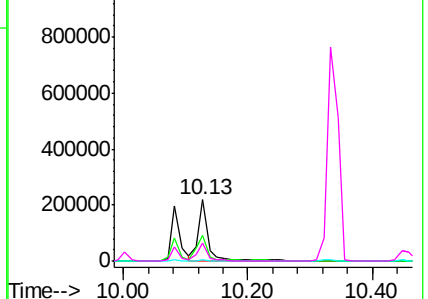


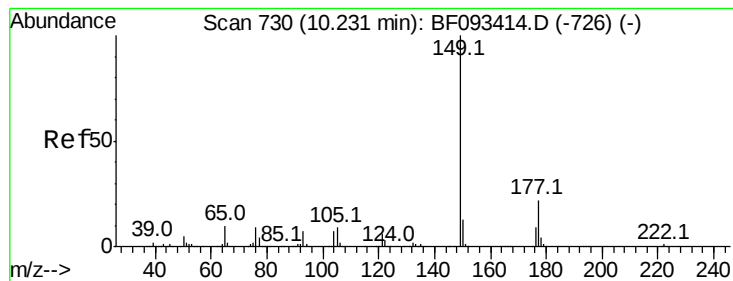
Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.13 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

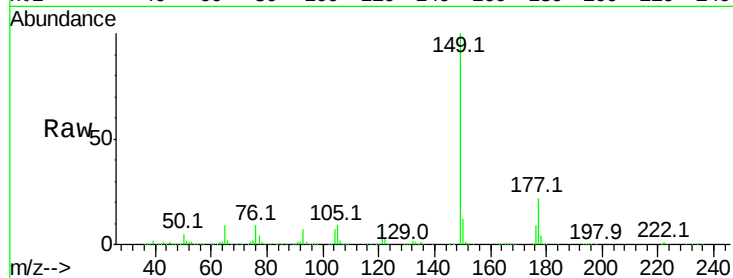
Tot Ion:149 Resp: 1100546

Ion Ratio Lower Upper

149 100

177 22.4 16.6 25.0

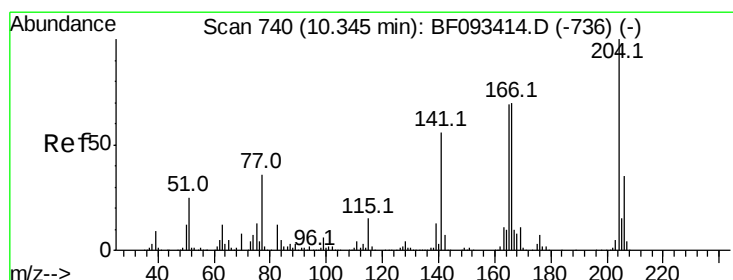
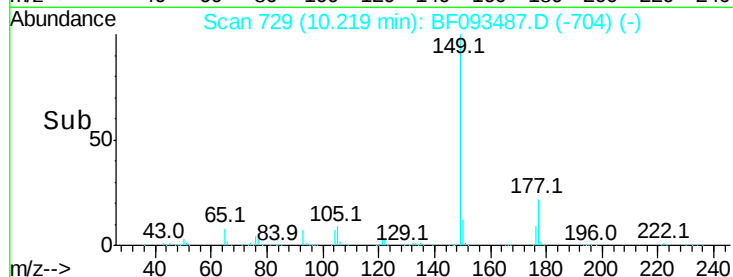
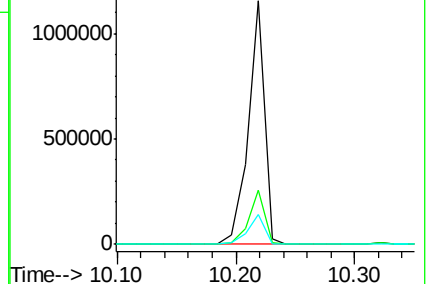
150 12.5 10.4 15.6



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: 45.75 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

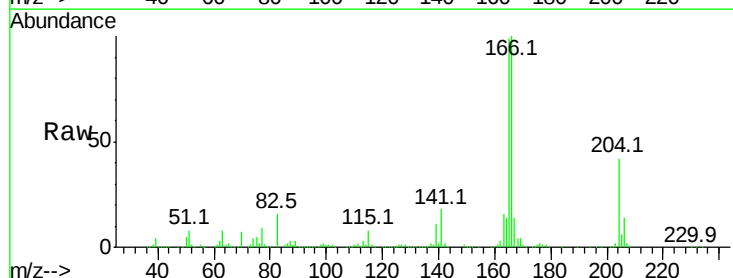
Tgt Ion:204 Resp: 426831

Ion Ratio Lower Upper

204 100

206 34.0 25.8 38.6

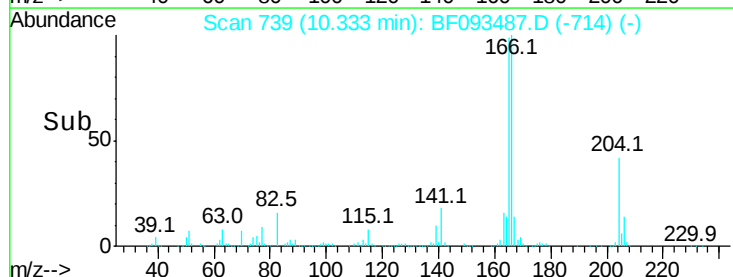
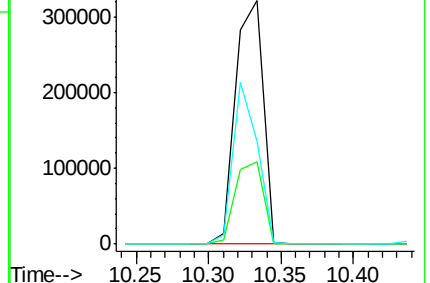
141 42.4 59.4 89.0#

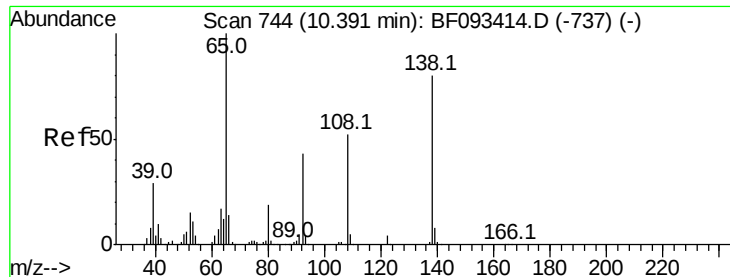


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.38 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

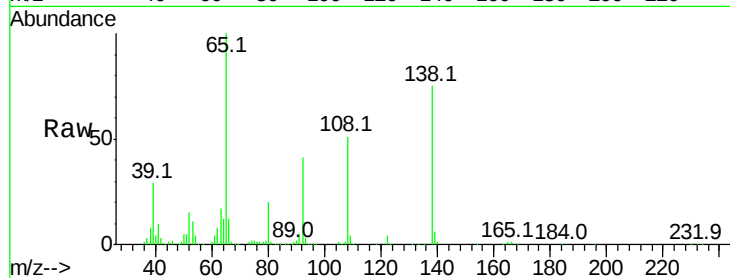
Tot Ion:138 Resp: 253979

Ion Ratio Lower Upper

138 100

92 54.6 31.7 71.7

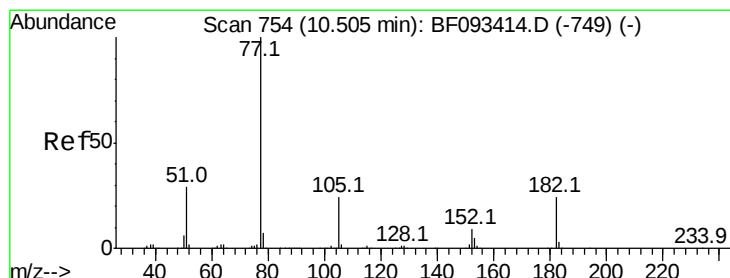
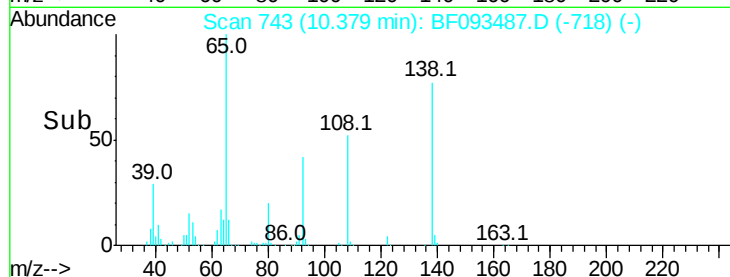
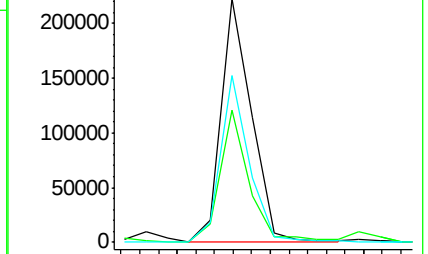
108 68.4 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.98 ng

RT: 10.49 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Tgt Ion: 77 Resp: 1350507

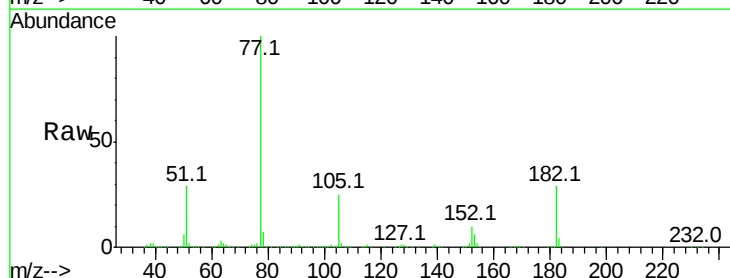
Ion Ratio Lower Upper

77 100

182 29.0 0.0 39.3

105 25.4 2.3 42.3

51 28.7 8.9 48.9

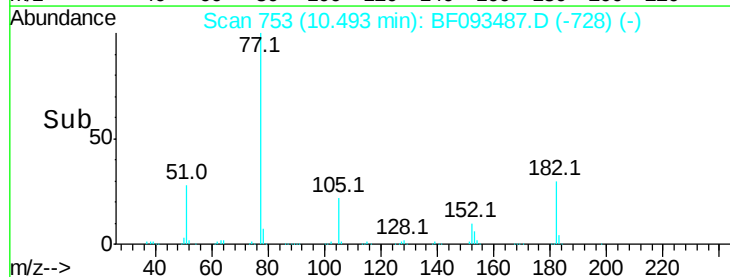
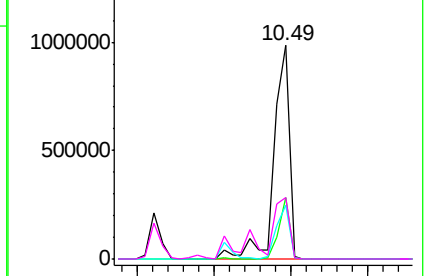


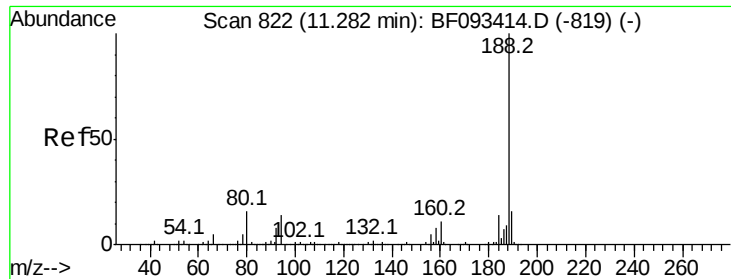
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.27 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

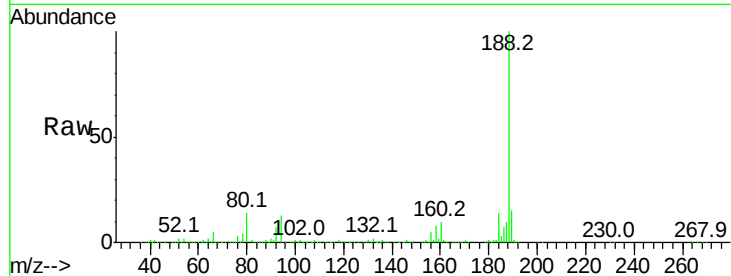
Tot Ion:188 Resp: 667458

Ion Ratio Lower Upper

188 100

94 13.2 10.0 15.0

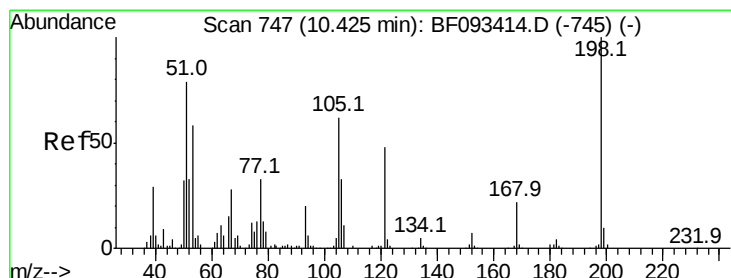
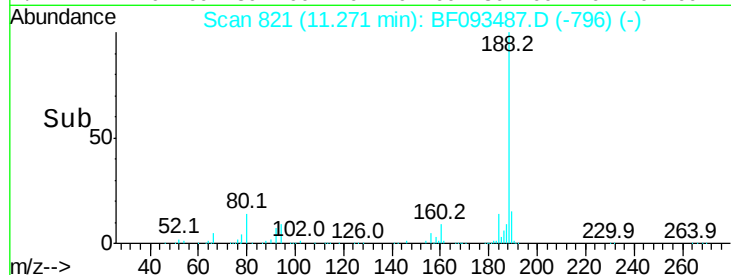
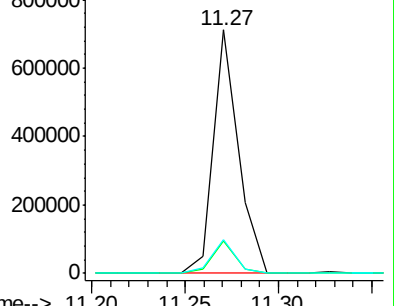
80 14.0 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.96 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

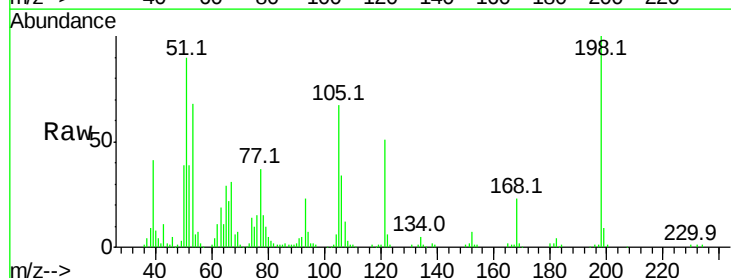
Tgt Ion:198 Resp: 172793

Ion Ratio Lower Upper

198 100

51 90.4 6.7 46.7#

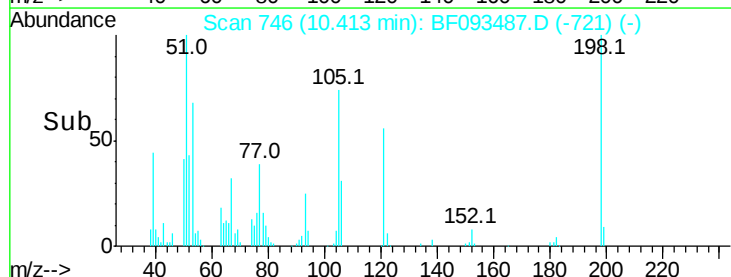
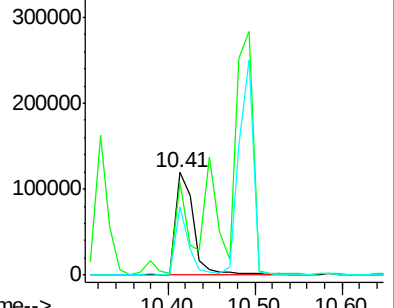
105 66.7 16.6 56.6#

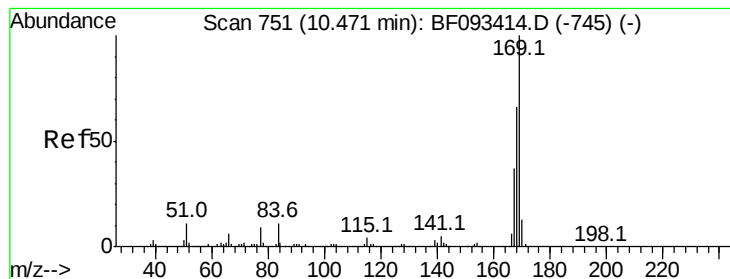


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.19 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

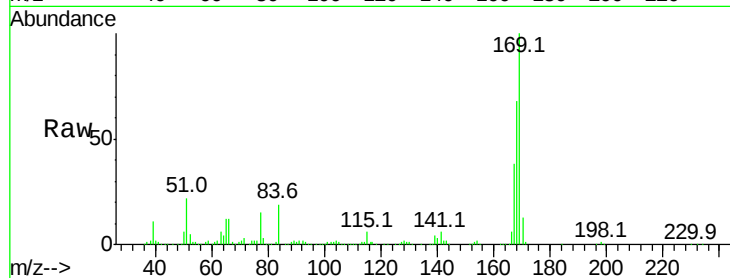
Tot Ion:169 Resp: 873502

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.2

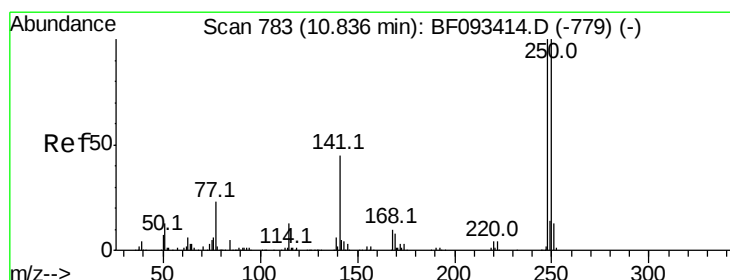
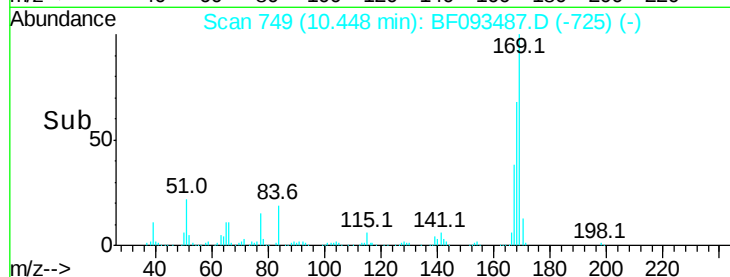
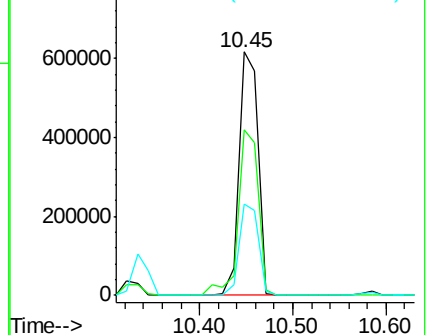
167 37.7 30.2 45.4



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: 35.39 ng

RT: 10.81 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

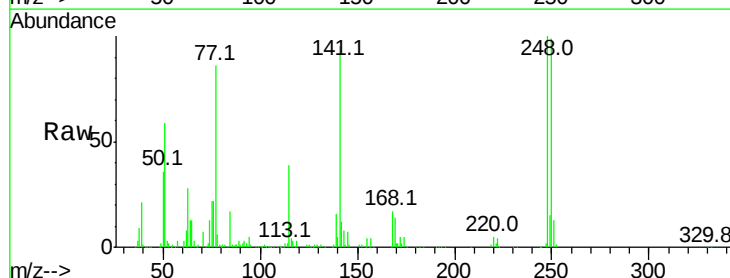
Tgt Ion:248 Resp: 249751

Ion Ratio Lower Upper

248 100

250 98.9 76.9 115.3

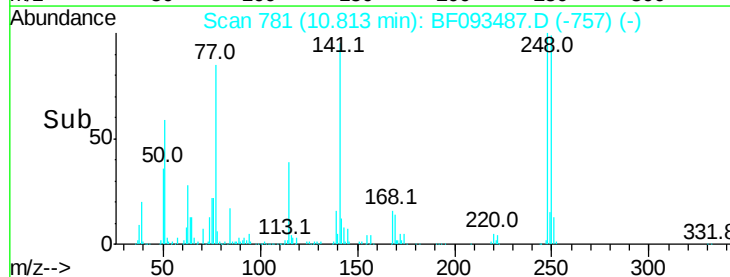
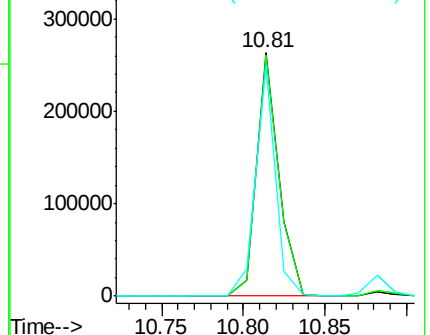
141 94.7 68.2 102.4

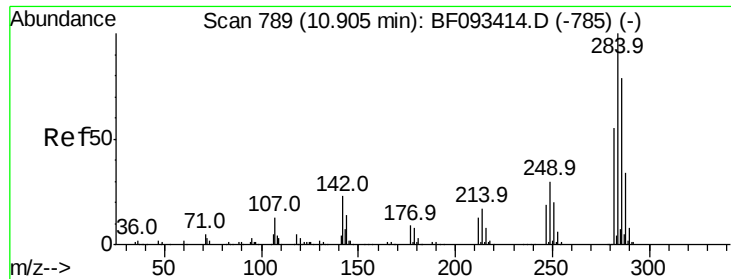


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.19 ng

RT: 10.88 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

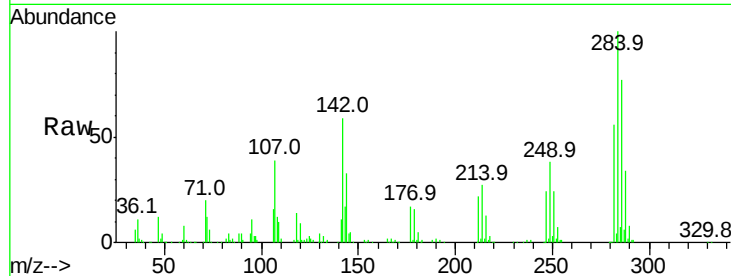
Tot Ion:284 Resp: 250655

Ion Ratio Lower Upper

284 100

142 59.1 22.6 33.8#

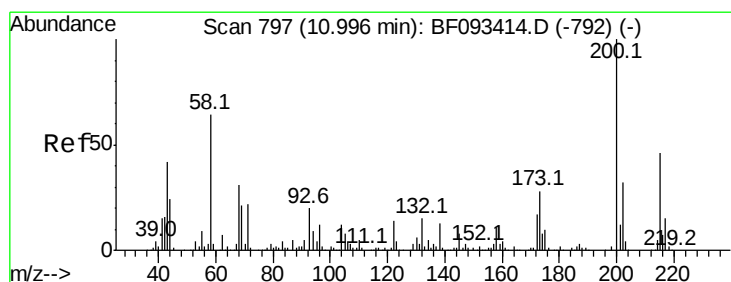
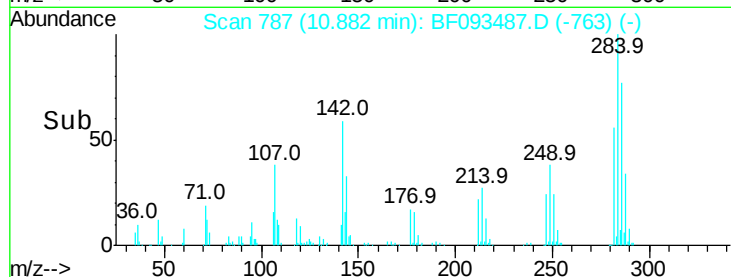
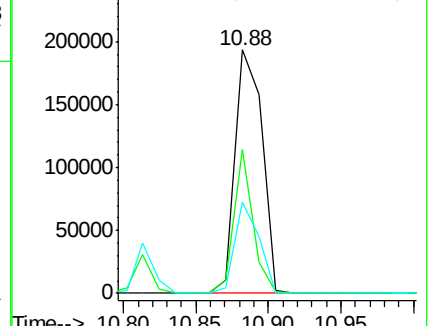
249 37.7 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.58 ng

RT: 10.98 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

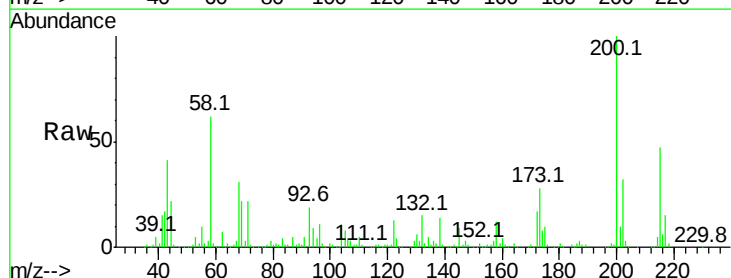
Tgt Ion:200 Resp: 277772

Ion Ratio Lower Upper

200 100

173 28.1 9.6 49.6

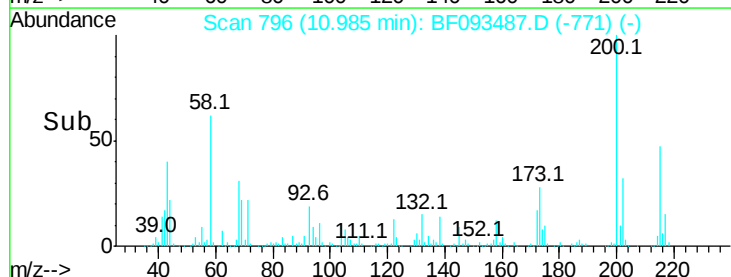
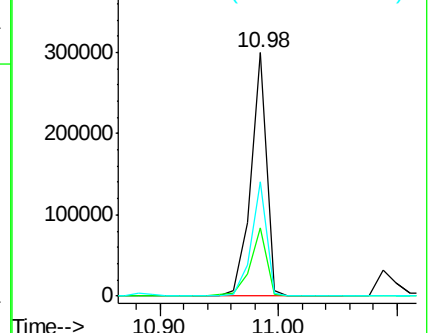
215 46.7 25.7 65.7

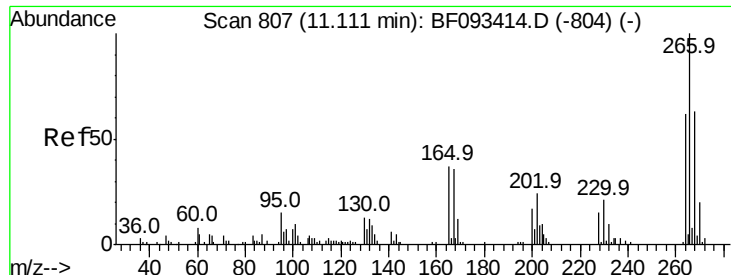


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

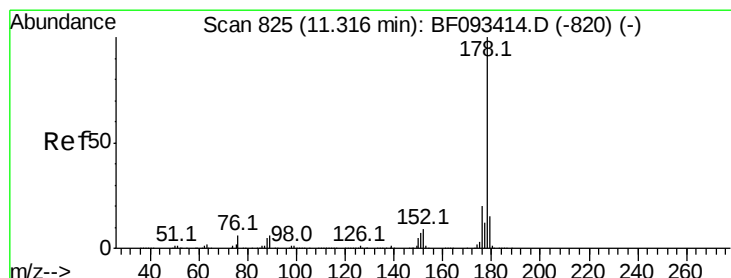
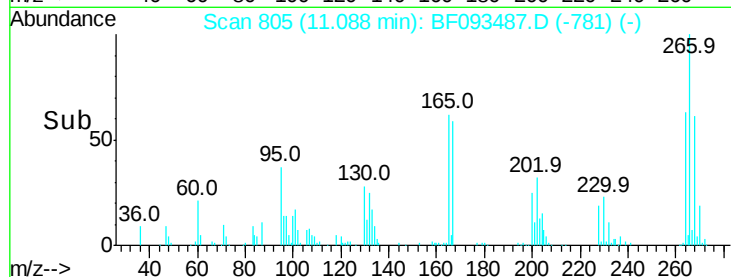
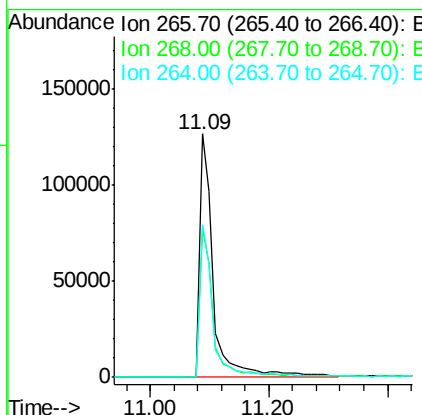
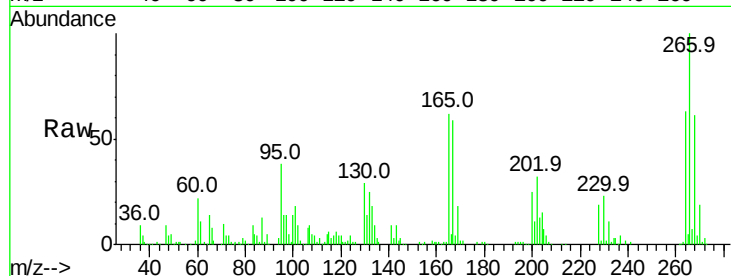




#69
 Pentachlorophenol
 Concen: 90.22 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF093487.D
 Acq: 9 Mar 2017 20:44

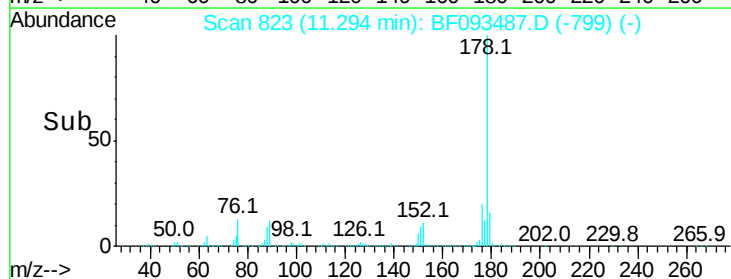
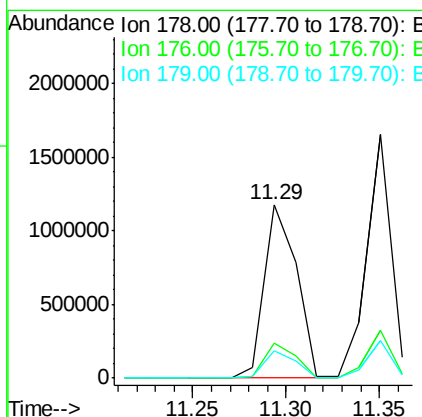
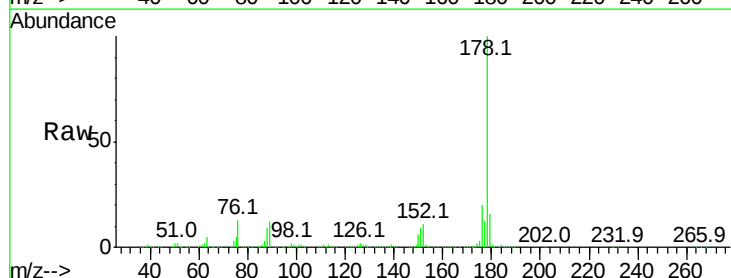
Instrument :
 BNA_F
 ClientSampleId :
 PB97460BS

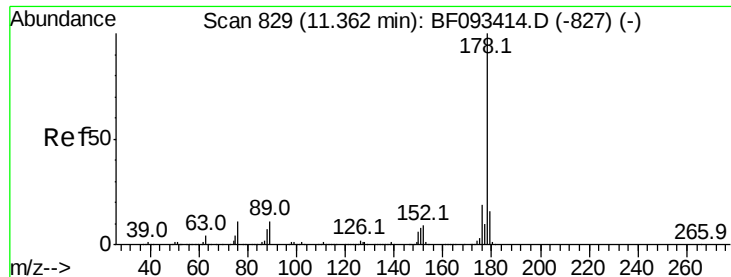
Tot Ion:266 Resp: 209930
 Ion Ratio Lower Upper
 266 100
 268 61.3 53.3 79.9
 264 62.9 50.3 75.5



#70
 Phenanthrene
 Concen: 37.12 ng
 RT: 11.29 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF093487.D
 Acq: 9 Mar 2017 20:44

Tgt Ion:178 Resp: 1414148
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.8 12.8 19.2

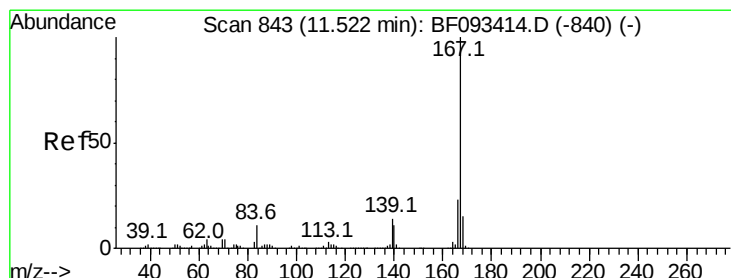
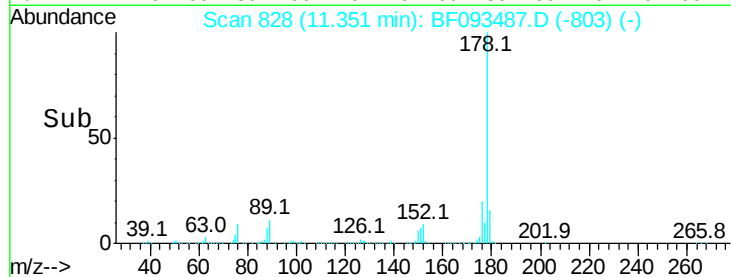
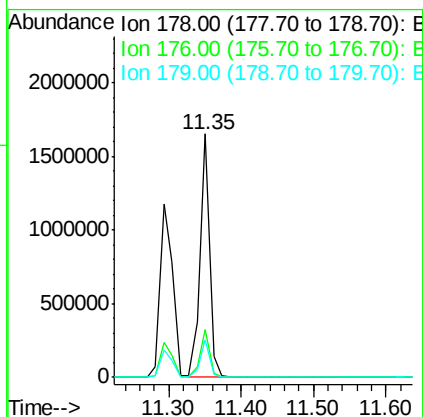
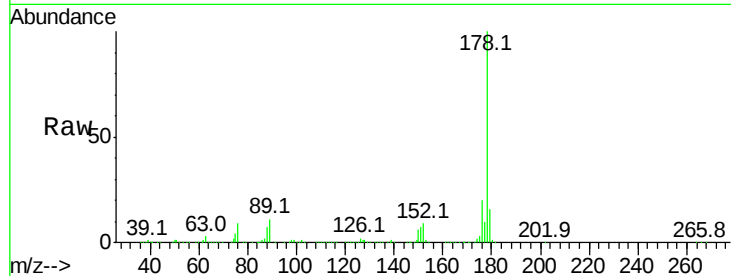




#71
 Anthracene
 Concen: 39.10 ng
 RT: 11.35 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF093487.D
 Acq: 9 Mar 2017 20:44

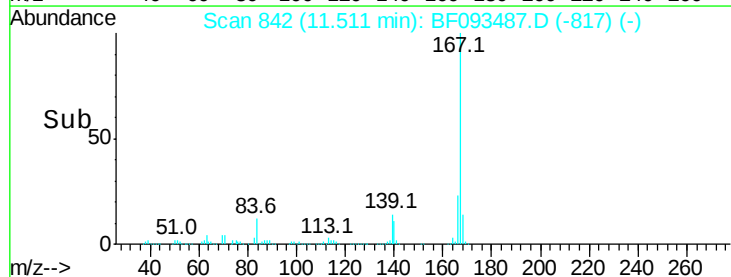
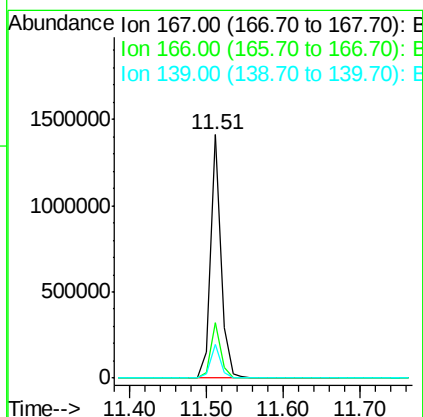
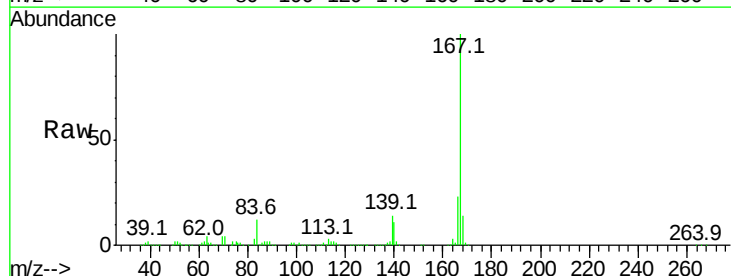
Instrument :
 BNA_F
 ClientSampleId :
 PB97460BS

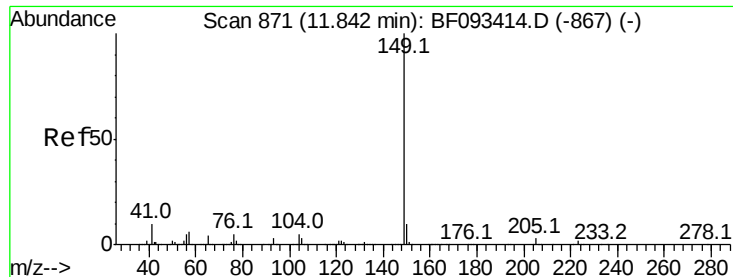
Tot Ion:178 Resp: 1506937
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 15.5 13.2 19.8



#72
 Carbazole
 Concen: 36.08 ng
 RT: 11.51 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF093487.D
 Acq: 9 Mar 2017 20:44

Tgt Ion:167 Resp: 1306100
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 14.0 11.4 17.2





#73

Di-n-butylphthalate

Concen: 36.77 ng

RT: 11.83 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

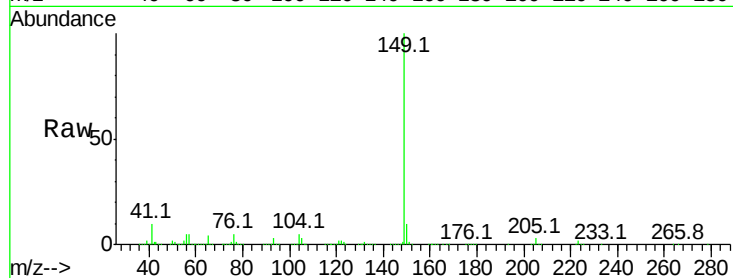
Tot Ion:149 Resp: 1540210

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

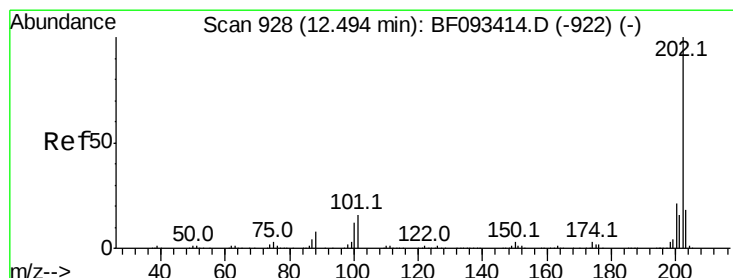
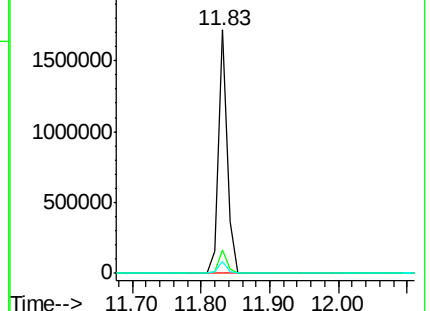
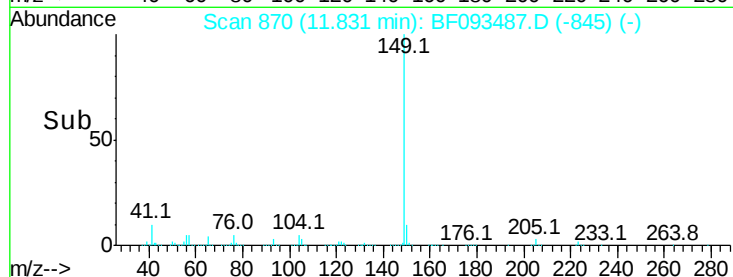
104 4.9 4.6 7.0



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: 37.34 ng

RT: 12.48 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

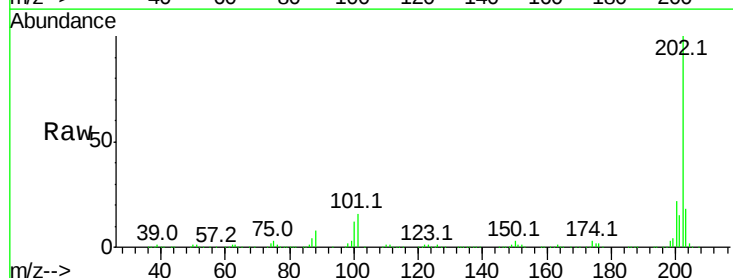
Tgt Ion:202 Resp: 1374033

Ion Ratio Lower Upper

202 100

101 16.2 0.0 34.6

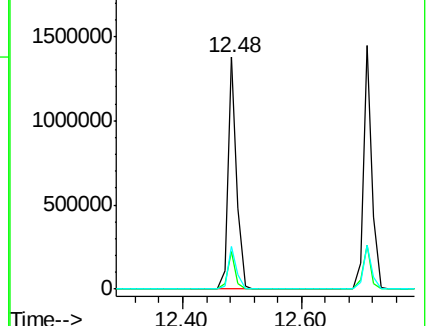
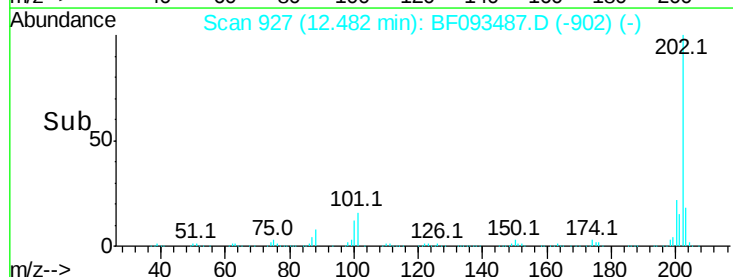
203 18.3 0.0 38.7

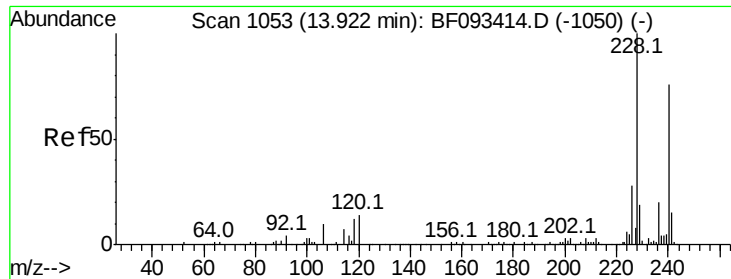


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

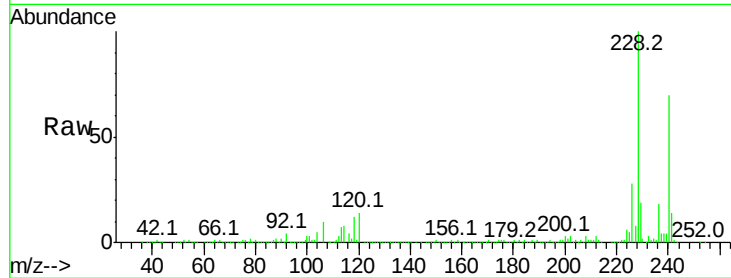
Tot Ion:240 Resp: 536263

Ion Ratio Lower Upper

240 100

120 19.6 12.9 19.3#

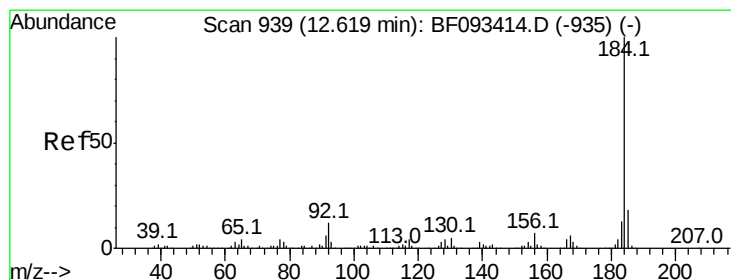
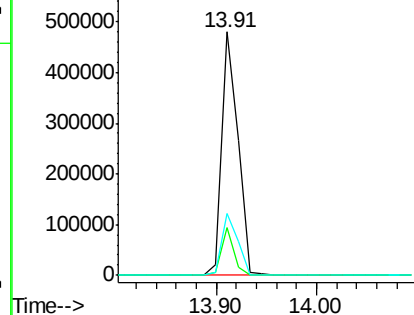
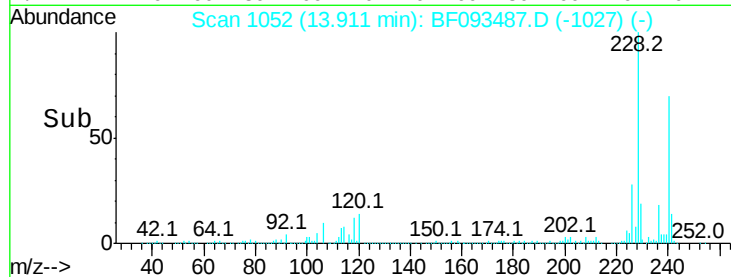
236 25.5 20.9 31.3



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: 26.08 ng

RT: 12.61 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

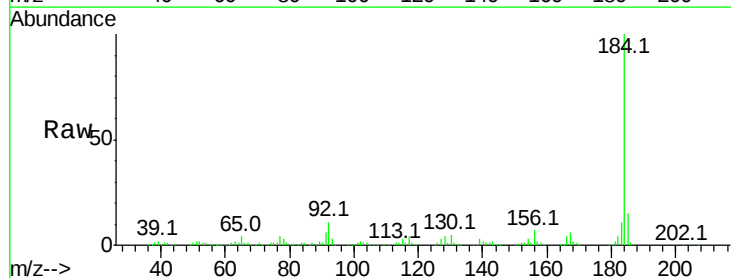
Tgt Ion:184 Resp: 459977

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

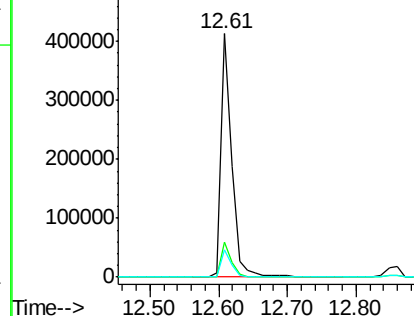
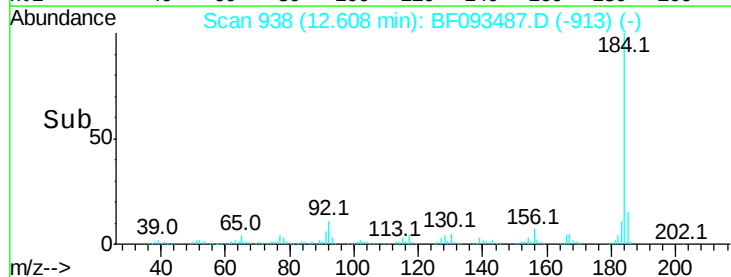
183 11.4 9.2 13.8

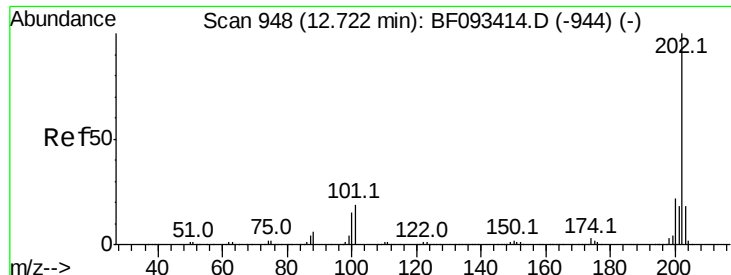


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

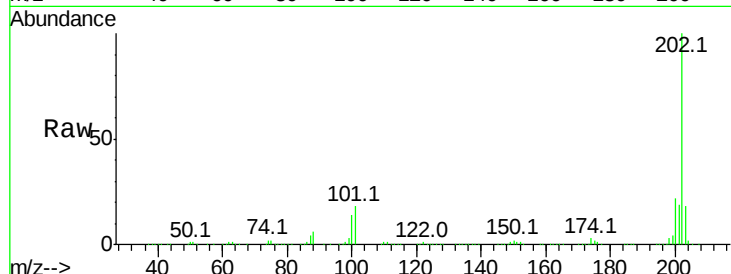




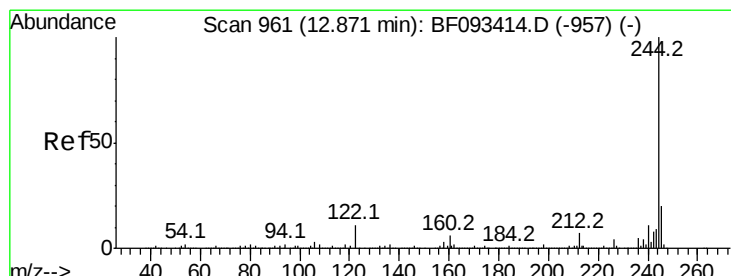
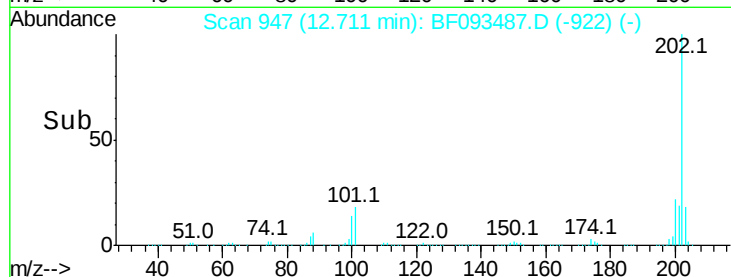
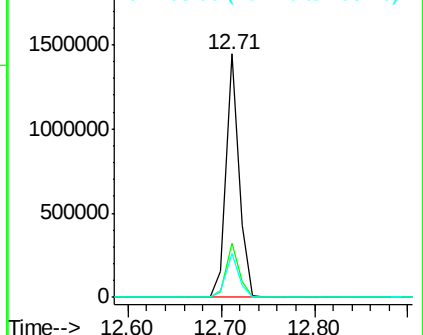
#77
Pvrene
Concen: 36.15 ng
RT: 12.71 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

Instrument :
BNA_F
ClientSampleId :
PB97460BS

Tot Ion:202 Resp: 1409941
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 18.1 14.7 22.1

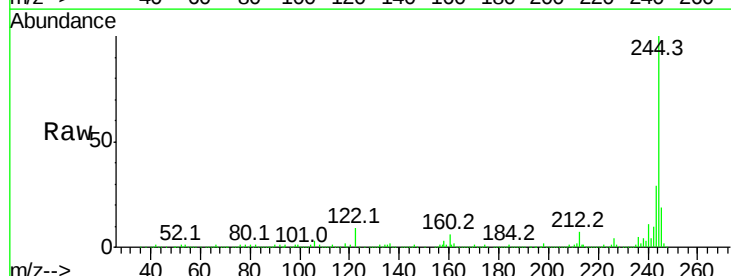


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

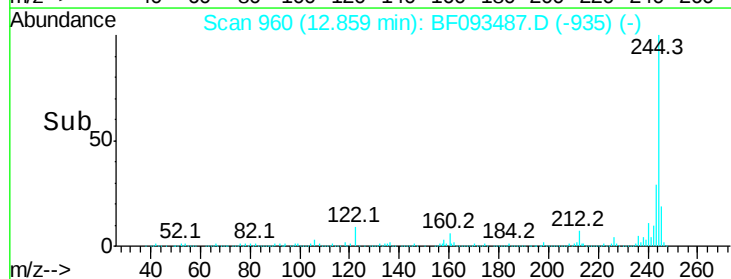
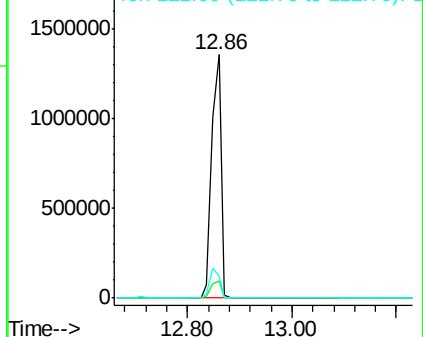


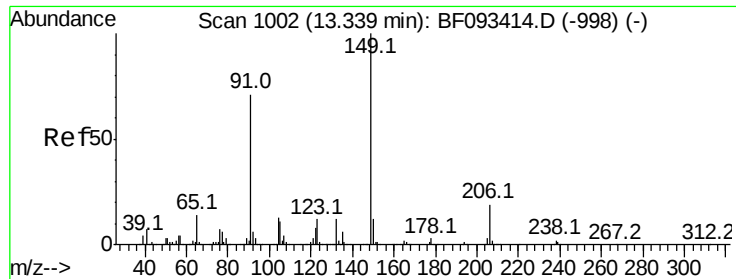
#78
Terphenyl-d14
Concen: 81.96 ng
RT: 12.86 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

Tgt Ion:244 Resp: 1690569
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 8.9 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

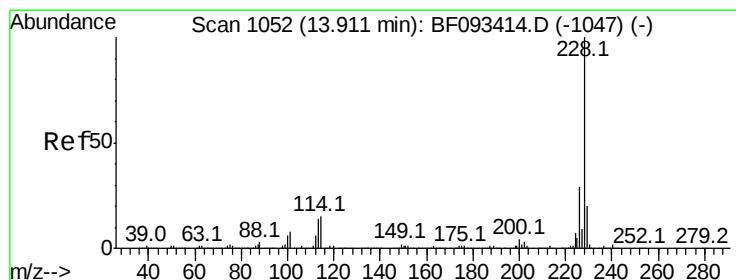
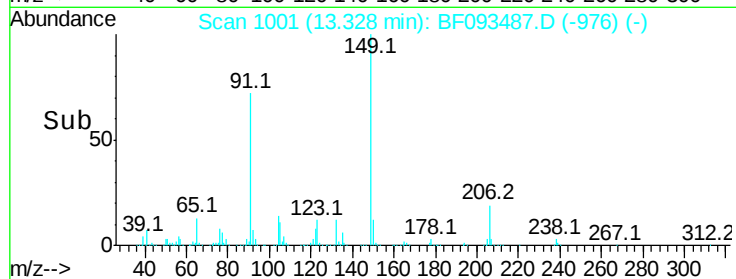
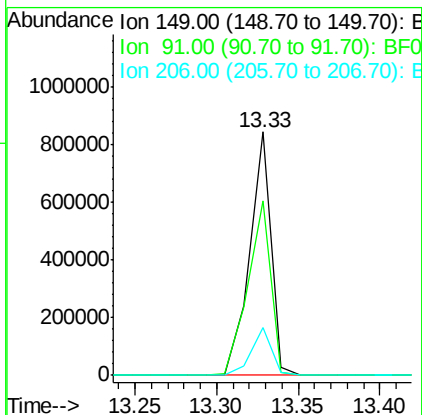
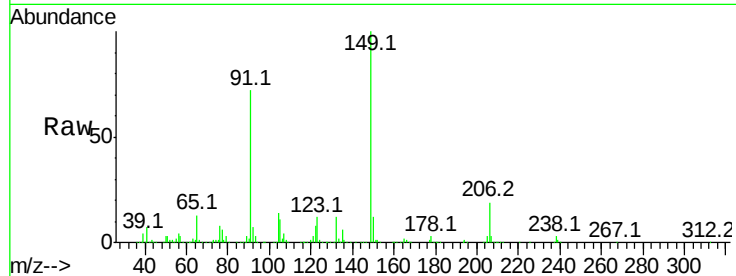




#79
Butylbenzylphthalate
Concen: 46.71 ng
RT: 13.33 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

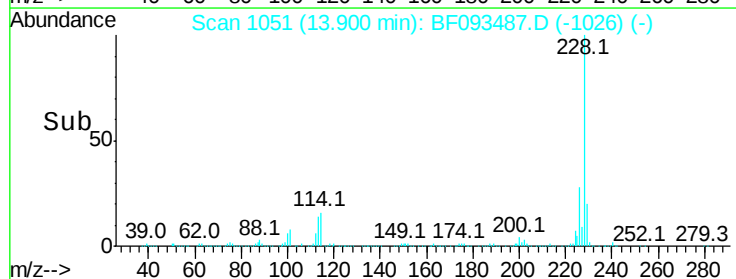
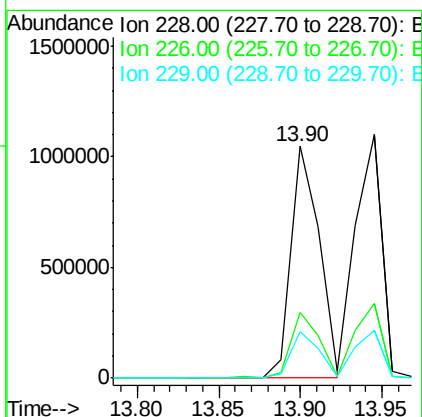
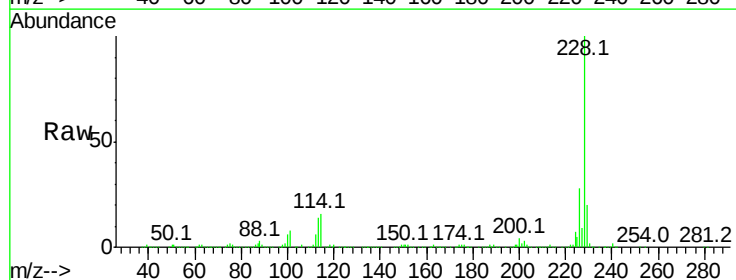
Instrument :
BNA_F
ClientSampleId :
PB97460BS

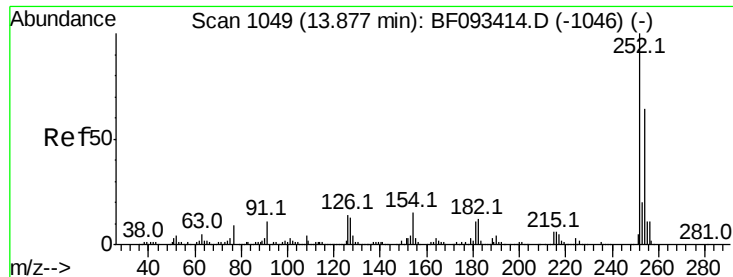
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.6	63.9	95.9
206	19.4	14.6	21.8



#80
Benzo(a)anthracene
Concen: 40.03 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.4	33.6
229	20.0	16.2	24.4

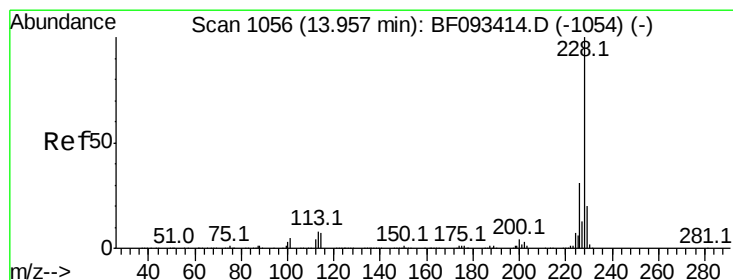
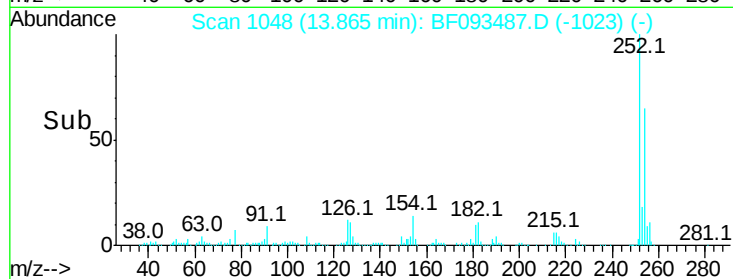
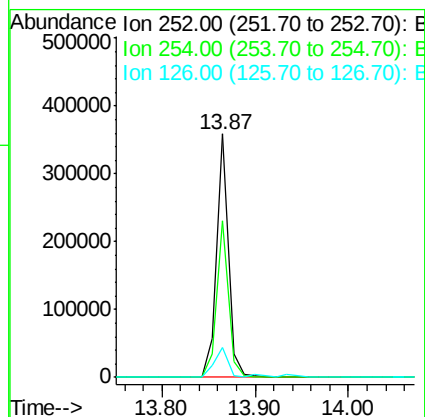
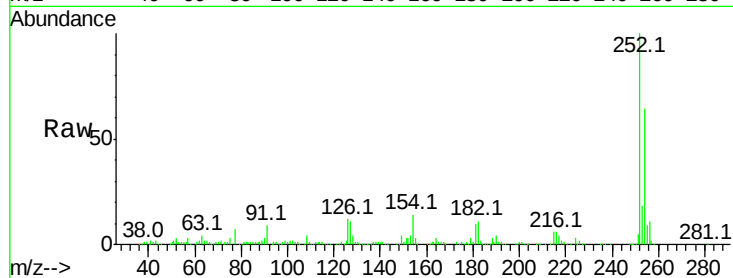




#81
 3,3'-Dichlorobenzidine
 Concen: 28.47 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF093487.D
 Acq: 9 Mar 2017 20:44

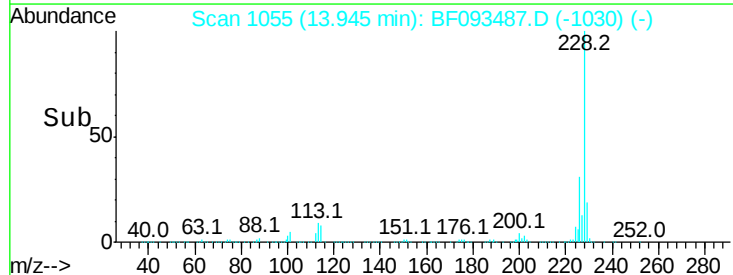
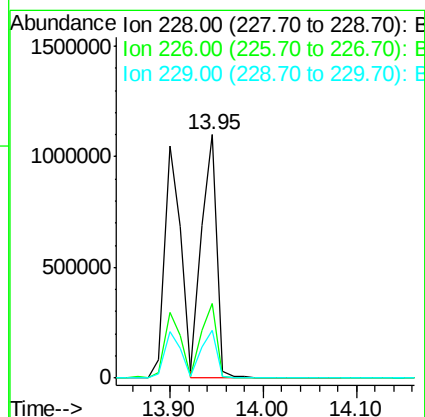
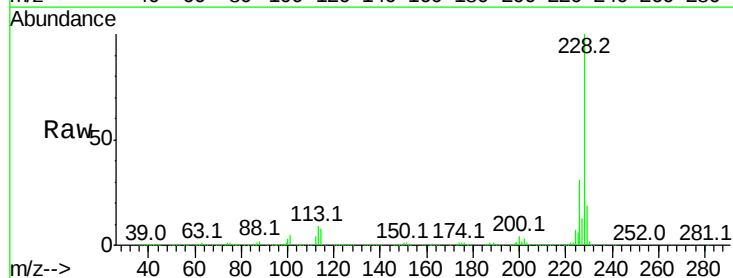
Instrument :
 BNA_F
 ClientSampleId :
 PB97460BS

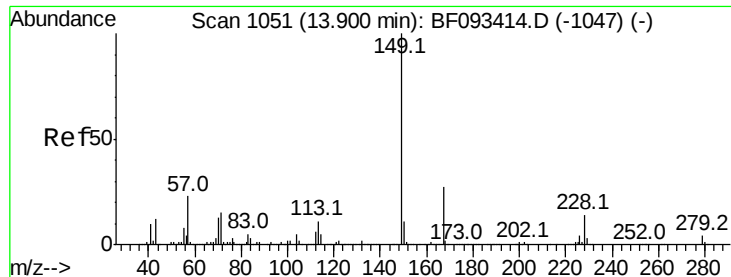
Tot Ion:252 Resp: 315807
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.3 78.5
 126 12.1 13.6 20.4#



#82
 Chrysene
 Concen: 43.13 ng
 RT: 13.95 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF093487.D
 Acq: 9 Mar 2017 20:44

Tgt Ion:228 Resp: 1263566
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.0
 229 19.5 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.34 ng

RT: 13.89 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

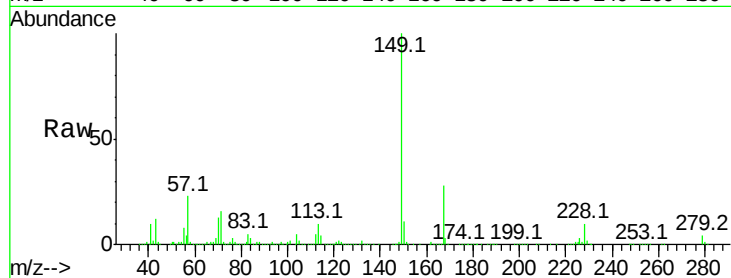
Tot Ion:149 Resp: 1037491

Ion Ratio Lower Upper

149 100

167 27.7 20.2 30.4

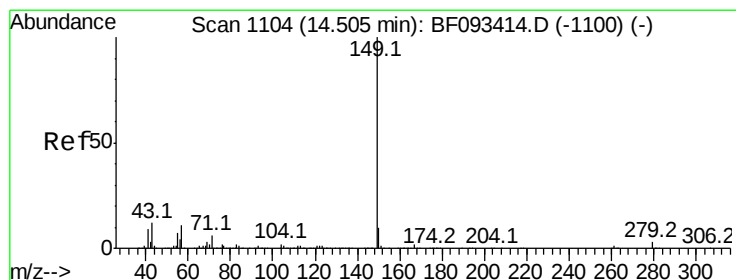
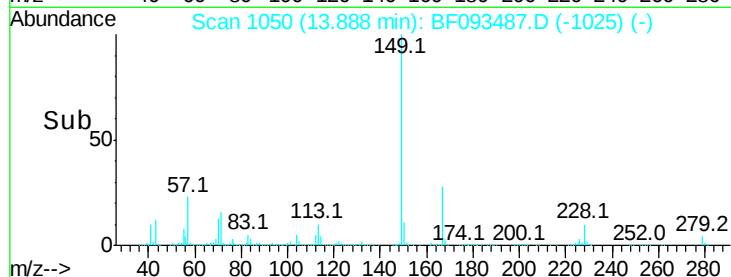
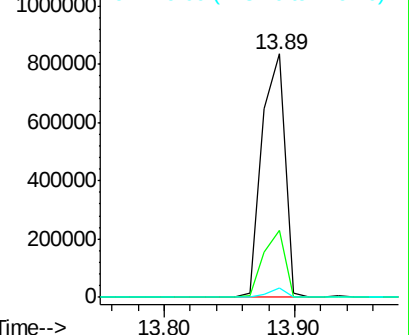
279 3.9 1.8 2.8#



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: 42.15 ng

RT: 14.49 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

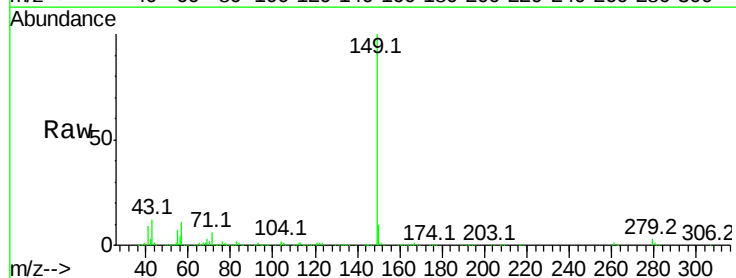
Tgt Ion:149 Resp: 1607575

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

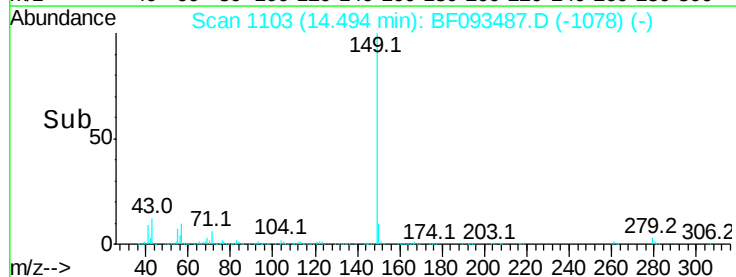
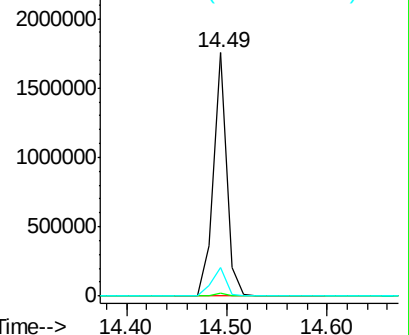
43 13.0 8.9 13.3

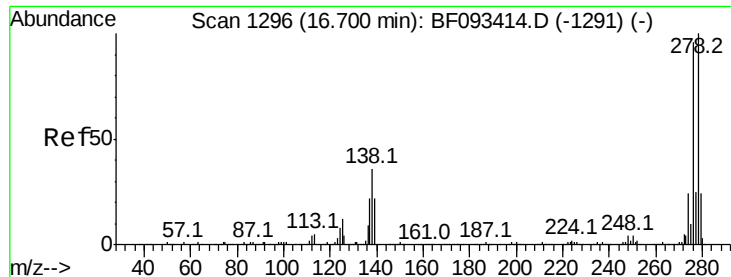


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



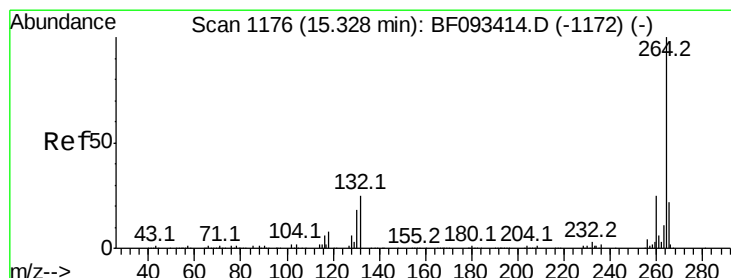
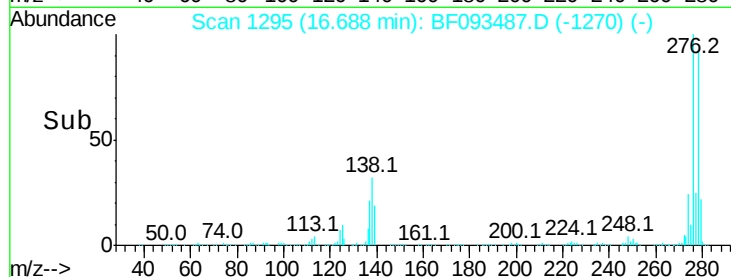
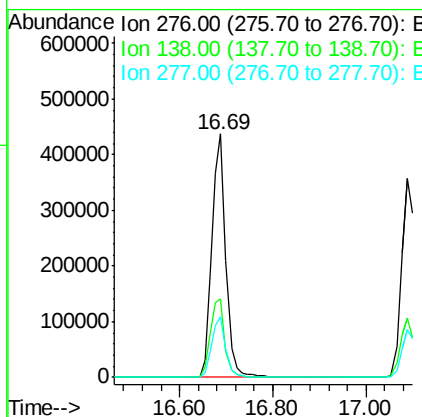
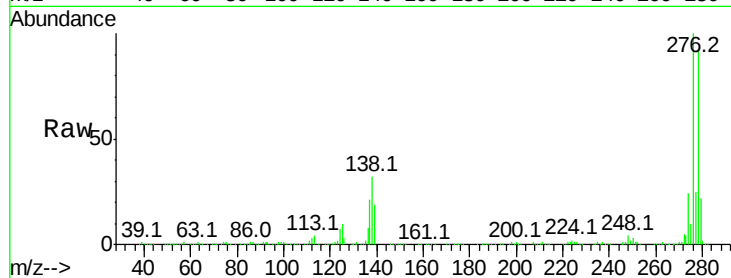


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.41 ng
 RT: 16.69 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF093487.D
 Acq: 9 Mar 2017 20:44

Instrument :
 BNA_F
 ClientSampleId :
 PB97460BS

Tot Ion:276 Resp: 917503

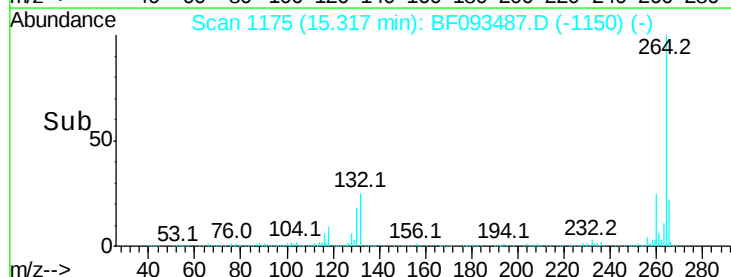
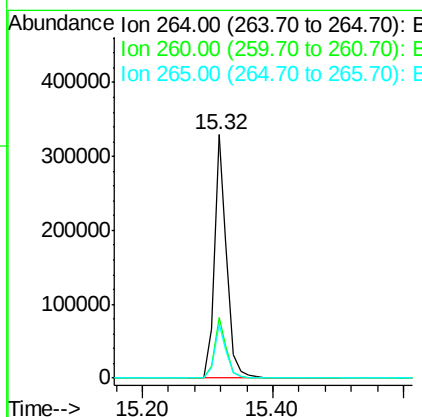
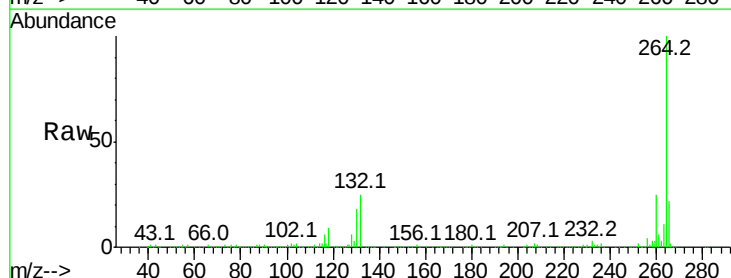
Ion	Ratio	Lower	Upper
276	100		
138	33.7	21.8	32.6#
277	25.1	20.2	30.4

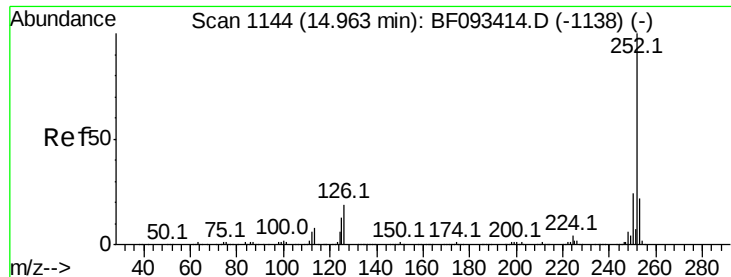


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF093487.D
 Acq: 9 Mar 2017 20:44

Tgt Ion:264 Resp: 434371

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.5	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 44.58 ng m

RT: 14.93 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

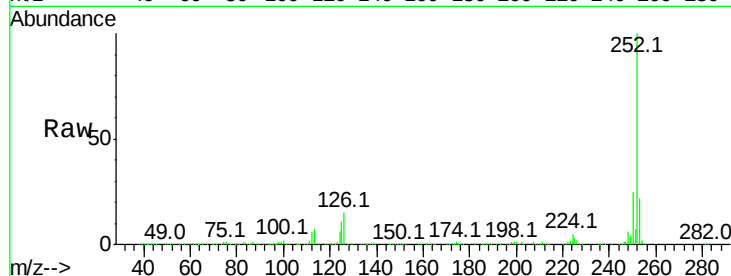
Tot Ion:252 Resp: 1179328

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

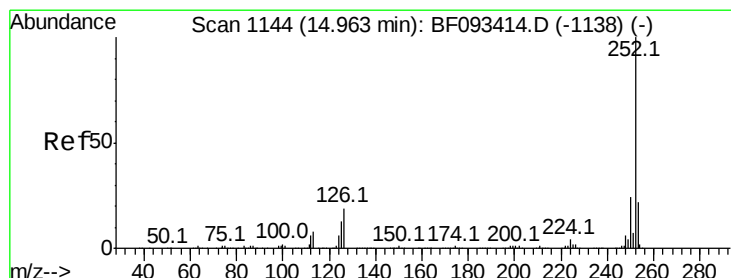
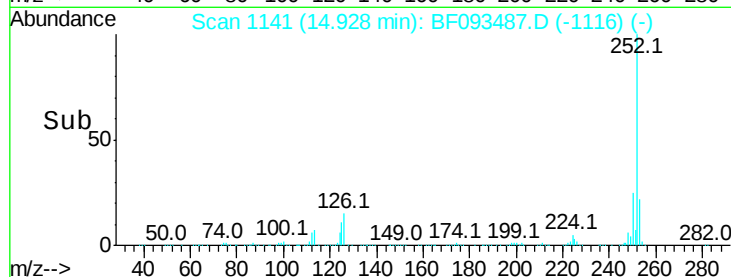
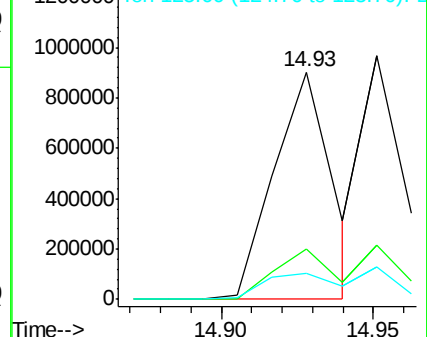
125 11.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.68 ng m

RT: 14.95 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

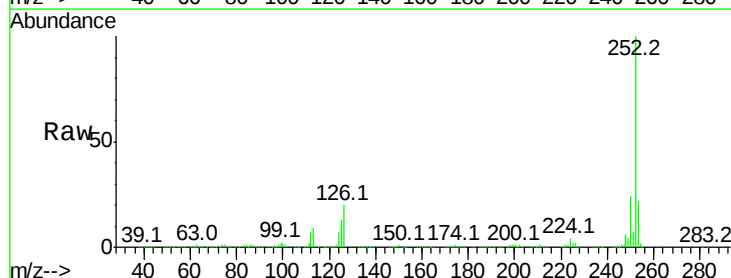
Tgt Ion:252 Resp: 935811

Ion Ratio Lower Upper

252 100

253 22.0 18.5 27.7

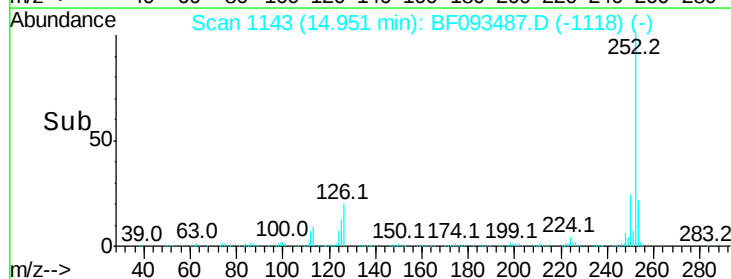
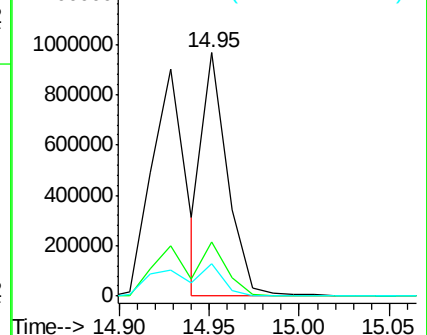
125 13.5 8.9 13.3#

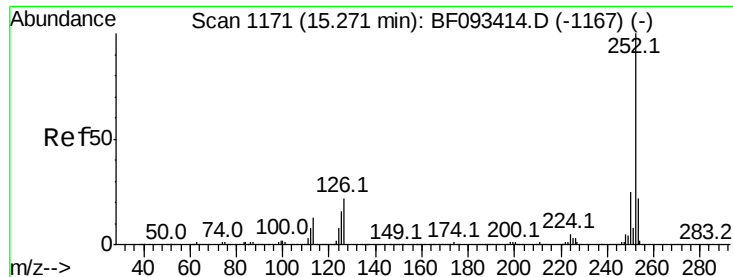


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

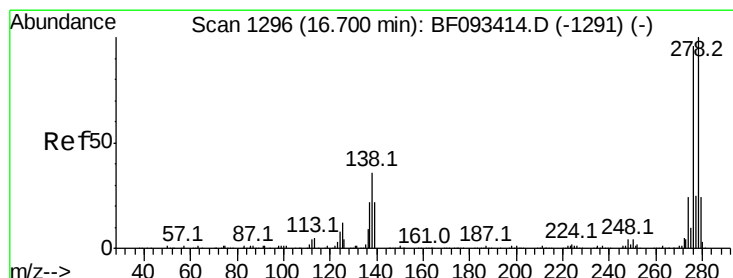
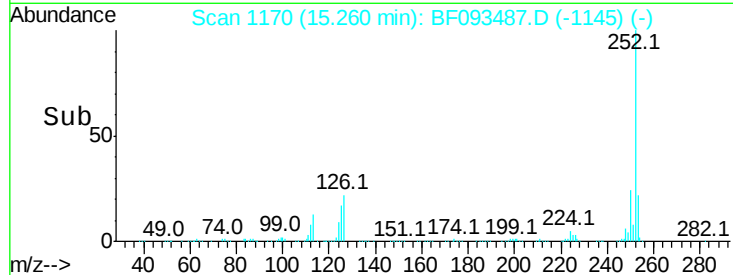
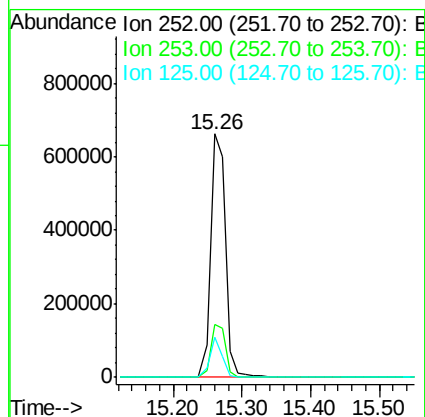
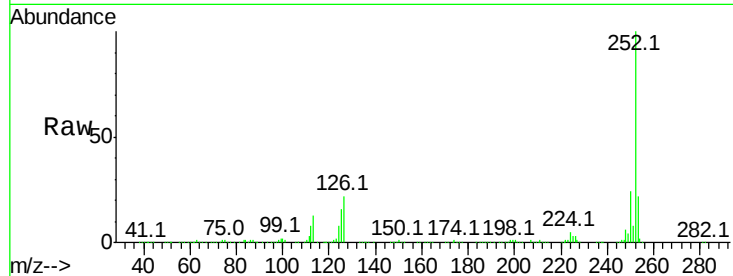




#89
Benzo(a)pyrene
Concen: 41.30 ng
RT: 15.26 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

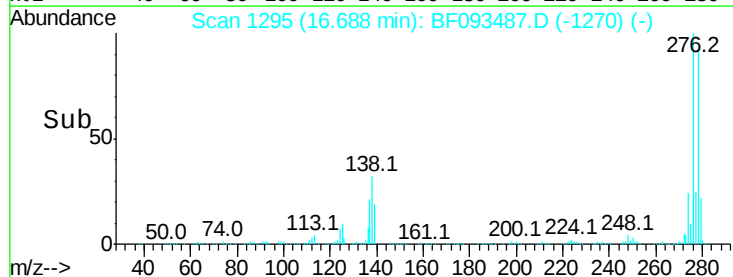
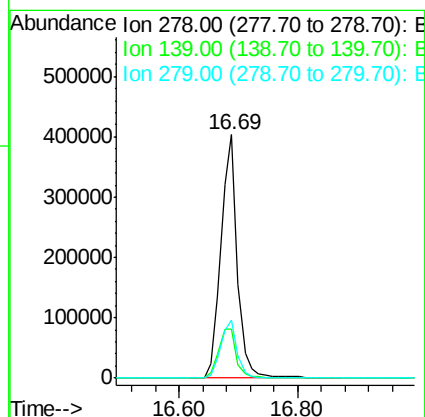
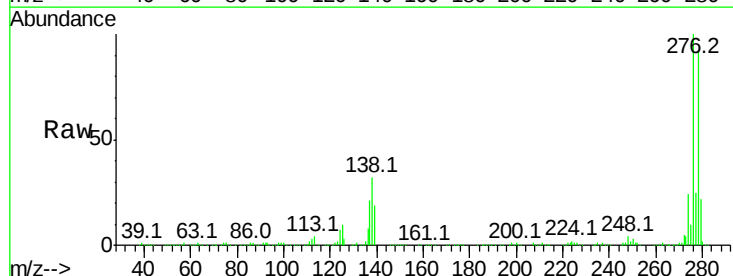
Instrument :
BNA_F
ClientSampleId :
PB97460BS

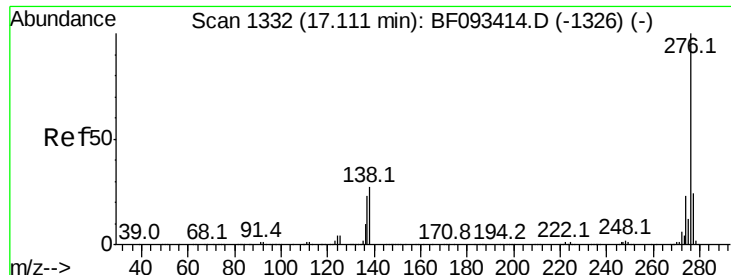
Tot Ion:252 Resp: 998516
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 16.3 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 38.52 ng
RT: 16.69 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF093487.D
Acq: 9 Mar 2017 20:44

Tgt Ion:278 Resp: 770560
Ion Ratio Lower Upper
278 100
139 20.3 14.8 22.2
279 23.8 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 39.04 ng

RT: 17.09 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF093487.D

Acq: 9 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB97460BS

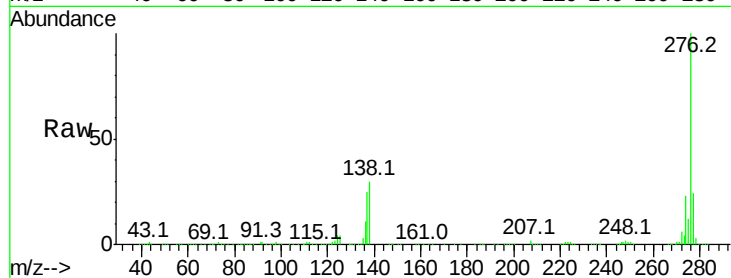
Tot Ion:276 Resp: 801572

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 29.7 16.0 24.0#



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

