

Data Path : Z:\HPCHEM1\BNA F\Data\BF031517\
 Data File : BF093667.D
 Acq On : 15 Mar 2017 14:57
 Operator : SJ/MA
 Sample : PB97589BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

Quant Time: Mar 15 19:21:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	165546	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	711702	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	301992	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	565510	20.00	ng	0.00
75) Chrysene-d12	13.90	240	472687	20.00	ng	0.01
86) Perylene-d12	15.31	264	346958	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1441010	144.87	ng	0.00
7) Phenol-d6	6.38	99	1866821	148.83	ng	0.00
23) Nitrobenzene-d5	7.29	82	1146153	89.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	309540	157.32	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1661160	102.31	ng	0.00
78) Terphenyl-d14	12.84	244	1422310	78.23	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	206751	37.74	ng	# 81
3) Pyridine	3.02	79	156949	11.24	ng	88
4) n-Nitrosodimethylamine	2.90	42	321744	48.22	ng	# 73
6) Aniline	6.45	93	542761	31.53	ng	# 25
8) 2-Chlorophenol	6.50	128	506800	45.47	ng	98
9) Benzaldehyde	6.26	77	294597	37.39	ng	94
10) Phenol	6.39	94	765233	49.79	ng	# 71
11) bis(2-Chloroethyl)ether	6.45	93	542761	43.69	ng	89
12) 1,3-Dichlorobenzene	6.88	146	491087	38.50	ng	96
13) 1,4-Dichlorobenzene	6.72	146	580537	44.45	ng	98
14) 1,2-Dichlorobenzene	6.88	146	512217	44.29	ng	96
15) Benzyl Alcohol	6.88	79	368227	41.18	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	917671	44.47	ng	71
17) 2-Methylphenol	7.01	107	429287	45.54	ng	99
18) Hexachloroethane	7.21	117	204672	46.47	ng	97
19) n-Nitroso-di-n-propylamine	7.14	70	403224	46.76	ng	# 94
20) 3+4-Methylphenols	7.17	107	594857	48.66	ng	# 72
22) Acetophenone	7.13	105	715189	41.76	ng	97
24) Nitrobenzene	7.30	77	625194	43.37	ng	100
25) Isophorone	7.54	82	1037777	40.12	ng	# 92
26) 2-Nitrophenol	7.62	139	290934	44.23	ng	91
27) 2,4-Dimethylphenol	7.68	122	459934	42.99	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	732021	44.83	ng	99
29) 2,4-Dichlorophenol	7.90	162	443330	44.04	ng	91
30) 1,2,4-Trichlorobenzene	7.94	180	434423	40.58	ng	96
31) Naphthalene	8.02	128	1467577	41.15	ng	99
32) Benzoic acid	7.86	122	245371	44.13	ng	97
33) 4-Chloroaniline	8.02	127	196095	13.55	ng	# 35
34) Hexachlorobutadiene	8.13	225	227669	41.29	ng	100
35) Caprolactam	8.48	113	89699	26.09	ng	# 41
36) 4-Chloro-3-methylphenol	8.61	107	427570	39.80	ng	99
37) 2-Methylnaphthalene	8.72	142	843351	37.16	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	402946	48.86	ng	99
40) Hexachlorocyclopentadiene	8.86	237	220940	102.23	ng	96

Data Path : Z:\HPCHEM1\BNA F\Data\BF031517\
 Data File : BF093667.D
 Acq On : 15 Mar 2017 14:57
 Operator : SJ/MA
 Sample : PB97589BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

Quant Time: Mar 15 19:21:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

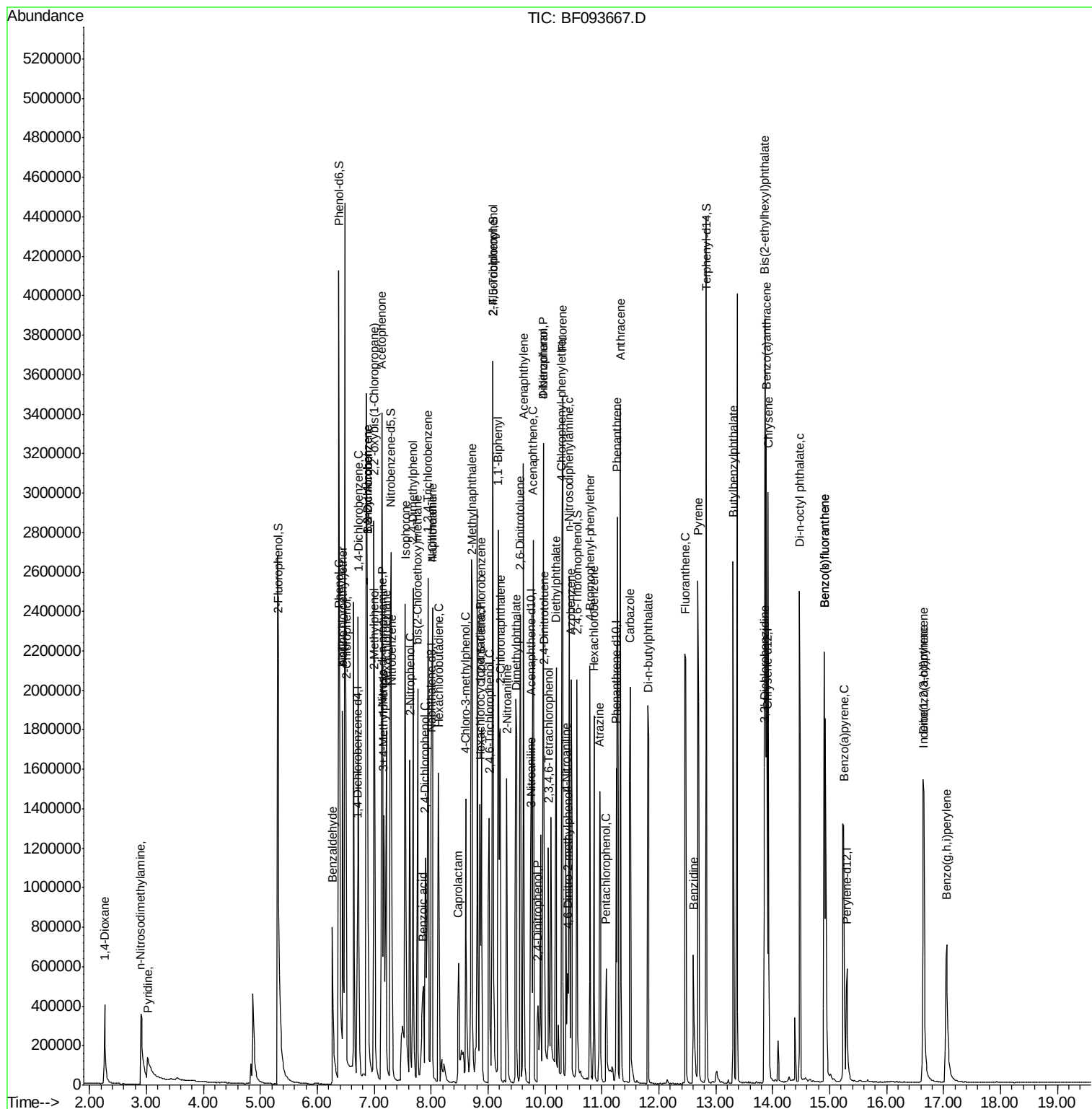
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	258073	50.09	nq	94
43) 2,4,5-Trichlorophenol	9.09	196	238124	43.07	nq	# 91
45) 1,1'-Biphenyl	9.18	154	1031961	46.91	nq	96
46) 2-Chloronaphthalene	9.21	162	839229	49.84	nq	96
47) 2-Nitroaniline	9.33	65	282758	47.50	nq	97
48) Acenaphthylene	9.62	152	1328316	47.83	nq	98
49) Dimethylphthalate	9.50	163	1011832	50.54	nq	100
50) 2,6-Dinitrotoluene	9.57	165	226027	51.45	nq	# 81
51) Acenaphthene	9.80	154	797904	48.58	nq	96
52) 3-Nitroaniline	9.75	138	131540	24.92	nq	# 96
53) 2,4-Dinitrophenol	9.88	184	136083	68.02	nq	# 75
54) Dibenzofuran	9.97	168	1144851	55.70	nq	99
55) 4-Nitrophenol	9.97	139	653457	254.91	nq	# 13
56) 2,4-Dinitrotoluene	9.98	165	292924	54.28	nq	# 87
57) Fluorene	10.31	166	862730	49.53	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	153625	39.38	nq	89
59) Diethylphthalate	10.20	149	997407	52.13	nq	95
60) 4-Chlorophenyl-phenylether	10.30	204	395580	50.67	nq	92
61) 4-Nitroaniline	10.37	138	207465	38.44	nq	92
62) Azobenzene	10.46	77	1055443	48.54	nq	95
64) 4,6-Dinitro-2-methylphenol	10.40	198	137311	37.48	nq	90
65) n-Nitrosodiphenylamine	10.42	169	762608	40.39	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	249765	41.77	nq	96
67) Hexachlorobenzene	10.86	284	243042	42.56	nq	# 84
68) Atrazine	10.96	200	225035	40.72	nq	99
69) Pentachlorophenol	11.08	266	115388	58.53	nq	98
70) Phenanthrene	11.27	178	1271021	39.38	nq	99
71) Anthracene	11.33	178	1358315	41.60	nq	99
72) Carbazole	11.50	167	1253363	40.86	nq	97
73) Di-n-butylphthalate	11.82	149	1514385	42.67	nq	# 96
74) Fluoranthene	12.47	202	1405187	45.07	nq	92
76) Benzidine	12.61	184	430209	27.68	nq	98
77) Pyrene	12.69	202	1398109	40.67	nq	99
79) Butylbenzylphthalate	13.31	149	680378	47.01	nq	94
80) Benzo(a)anthracene	13.89	228	1195357	42.82	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	319863	32.72	nq	# 95
82) Chrysene	13.92	228	966222	37.41	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	937719	46.49	nq	99
84) Di-n-octyl phthalate	14.47	149	1533647	45.62	nq	98
85) Indeno(1,2,3-cd)pyrene	16.65	276	816955	37.79	nq	# 94
87) Benzo(b)fluoranthene	14.91	252	1807097	85.52	nq	98
88) Benzo(k)fluoranthene	14.91	252	1807097	88.68	nq	# 97
89) Benzo(a)pyrene	15.25	252	860265	44.55	nq	97
90) Dibenzo(a,h)anthracene	16.64	278	690031	43.19	nq	95
91) Benzo(g,h,i)perylene	17.05	276	715395	43.63	nq	# 94

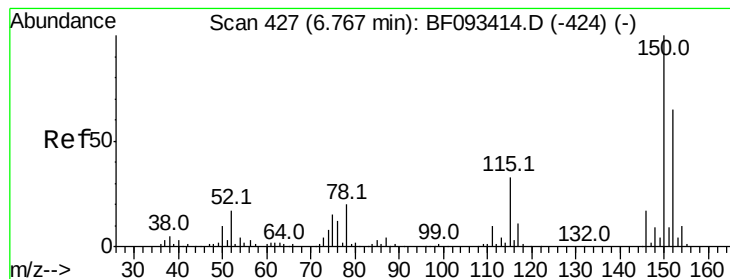
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA F\Data\BF031517\  
Data File : BF093667.D  
Acq On    : 15 Mar 2017  14:57  
Operator  : SJ/MA  
Sample    : PB97589BS  
Misc      :  
ALS Vial  : 4      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
PB97589BS

Quant Time: Mar 15 19:21:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

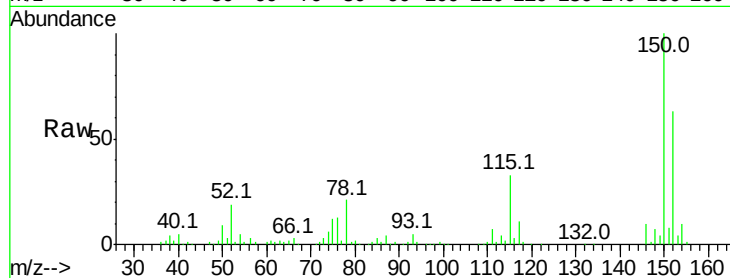
Tot Ion:152 Resp: 165546

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

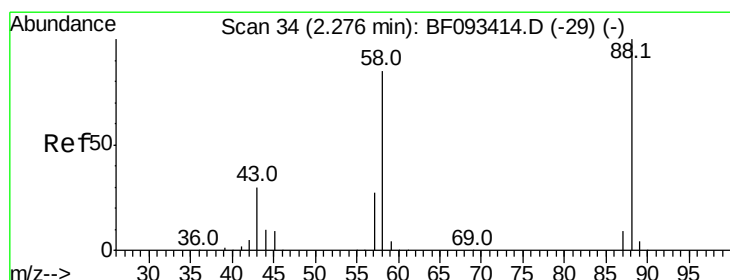
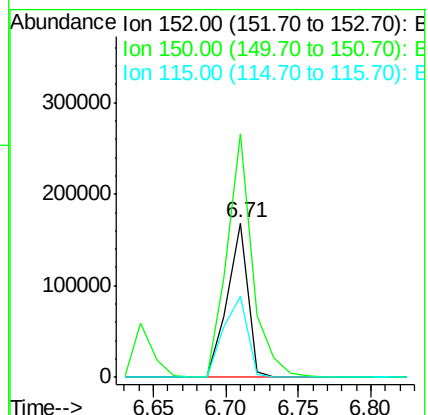
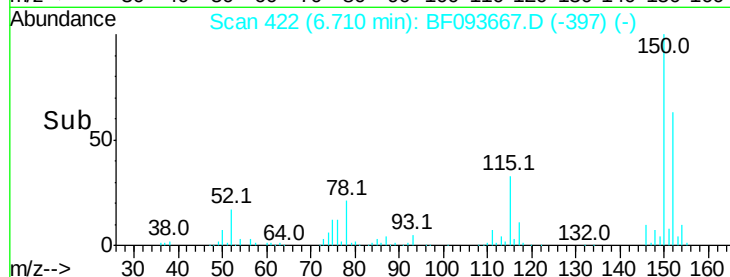
115 52.6 46.0 69.0



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: 37.74 ng

RT: 2.26 min Scan# 33

Delta R.T. 0.08 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

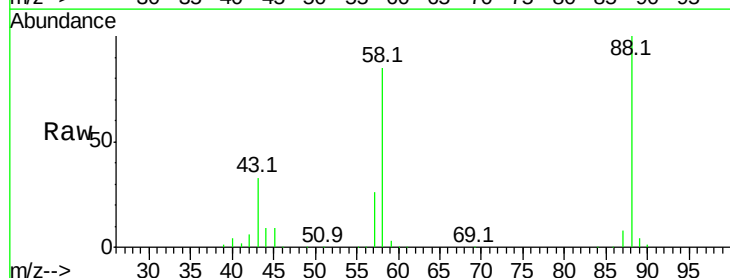
Tgt Ion: 88 Resp: 206751

Ion Ratio Lower Upper

88 100

58 89.6 57.8 86.8#

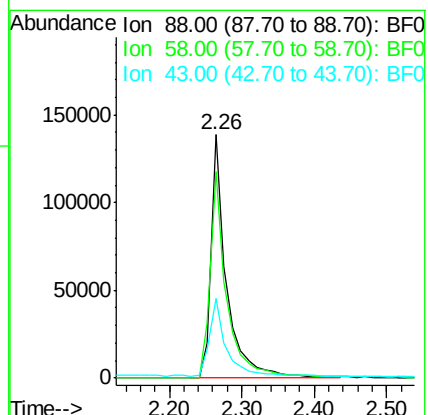
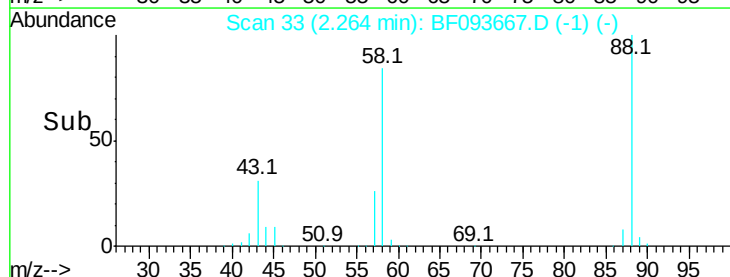
43 35.7 22.3 33.5#

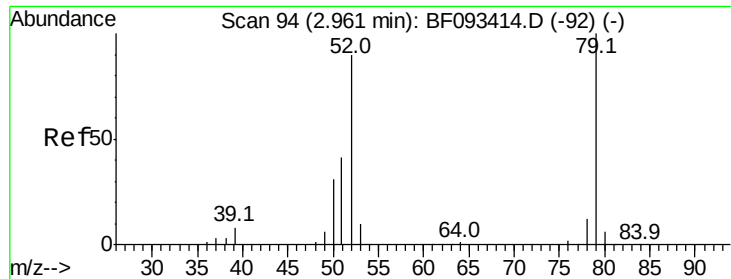


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 11.24 ng

RT: 3.02 min Scan# 99

Delta R.T. 0.16 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

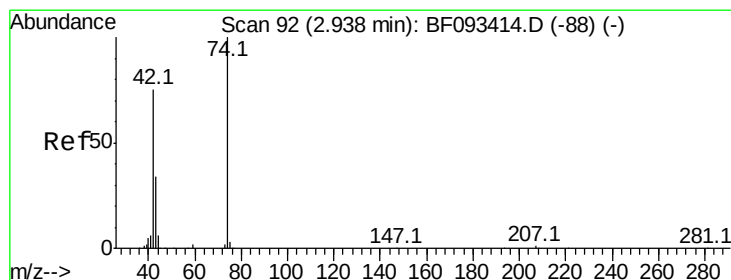
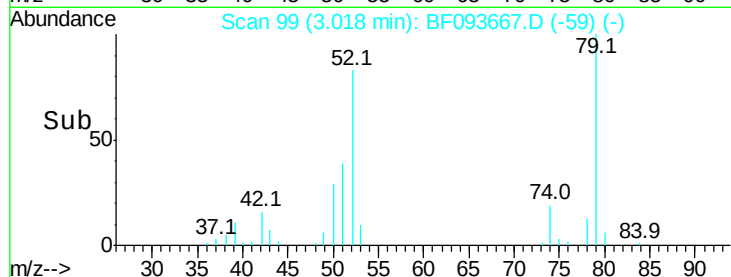
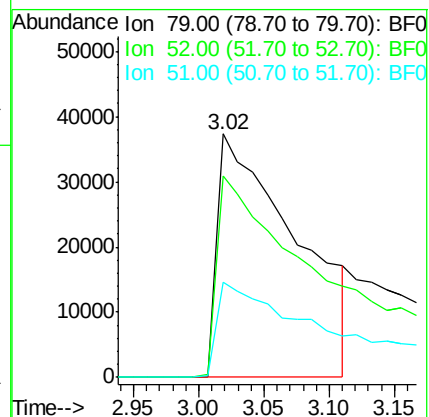
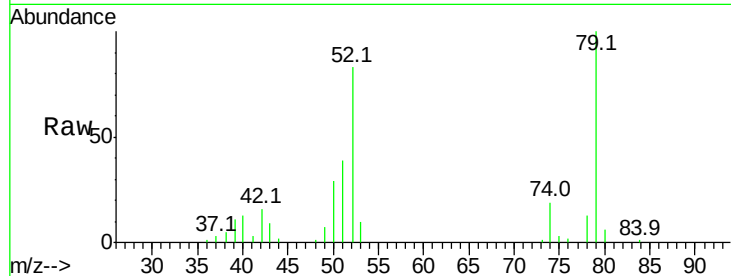
Tot Ion: 79 Resp: 156949

Ion Ratio Lower Upper

79 100

52 82.8 57.1 85.7

51 39.2 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 48.22 ng

RT: 2.90 min Scan# 89

Delta R.T. 0.07 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

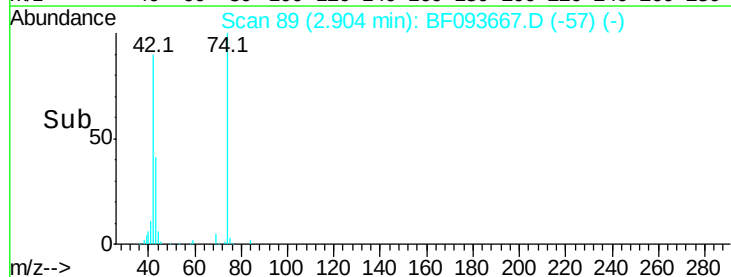
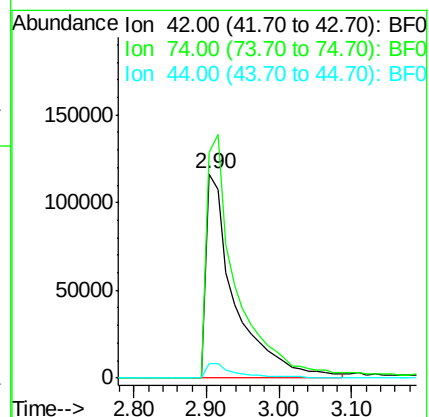
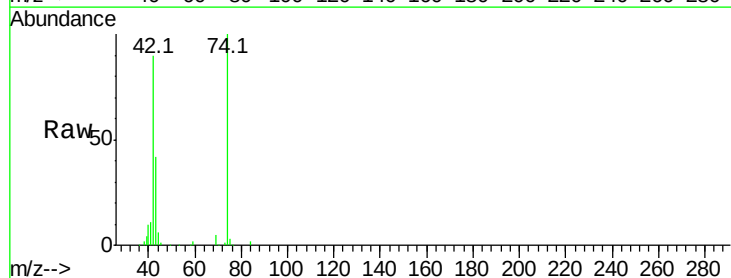
Tgt Ion: 42 Resp: 321744

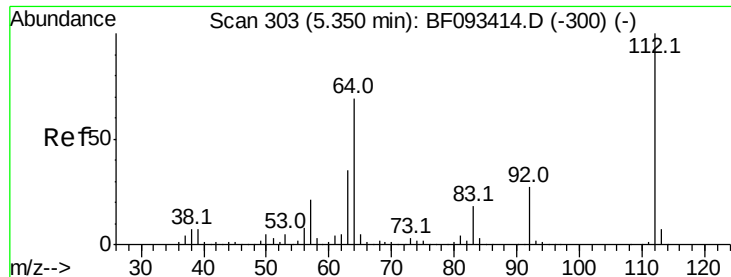
Ion Ratio Lower Upper

42 100

74 110.6 117.0 175.4#

44 7.0 5.5 8.3

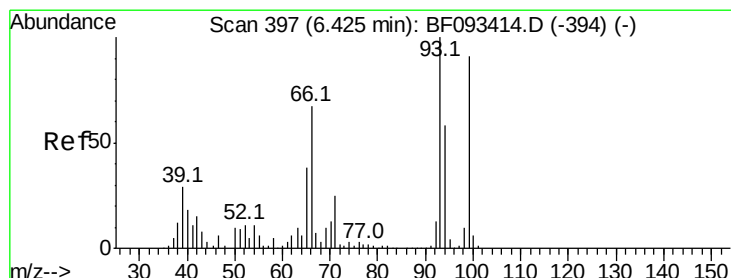
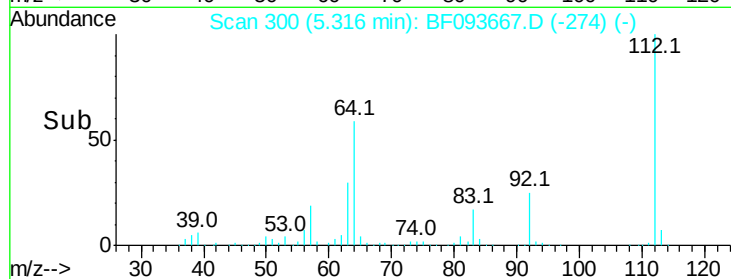
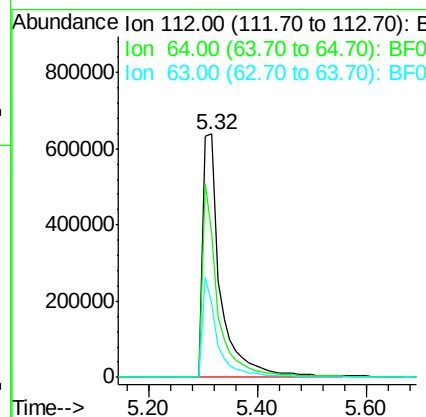
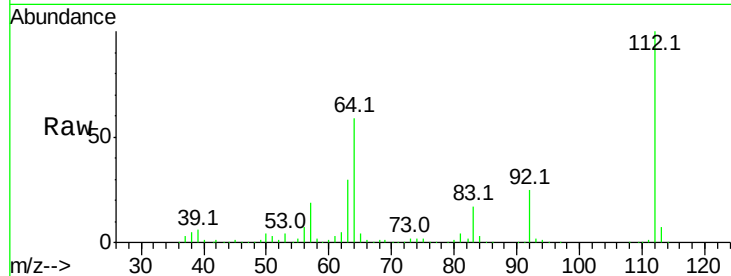




#5
 2-Fluorophenol
 Concen: 144.87 ng
 RT: 5.32 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

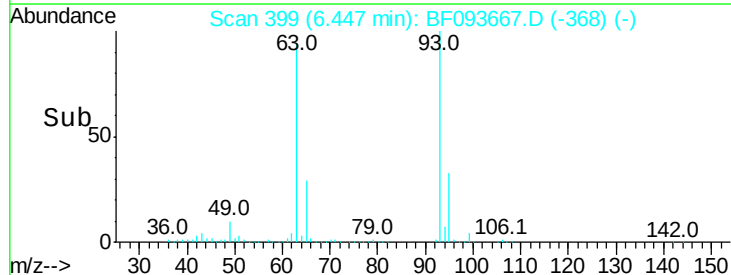
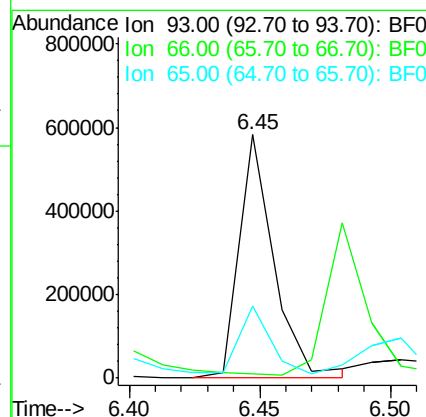
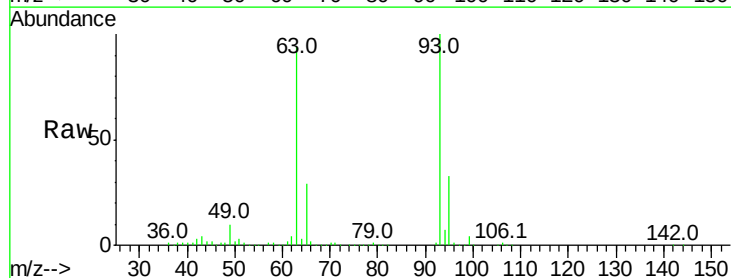
Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

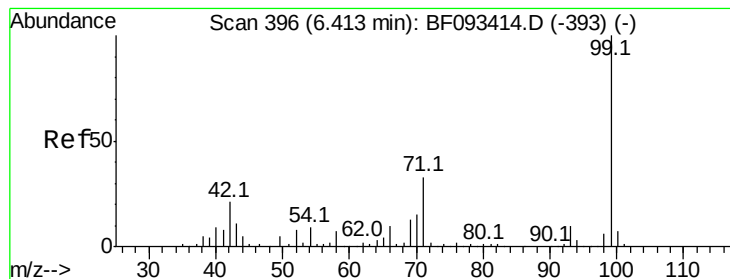
Tot Ion:112 Resp: 1441010
 Ion Ratio Lower Upper
 112 100
 64 58.9 46.1 69.1
 63 29.9 23.8 35.6



#6
 Aniline
 Concen: 31.53 ng
 RT: 6.45 min Scan# 399
 Delta R.T. 0.06 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion: 93 Resp: 542761
 Ion Ratio Lower Upper
 93 100
 66 1.9 76.2 114.2#
 65 29.4 49.3 73.9#





#7

Phenol-d6

Concen: 148.83 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

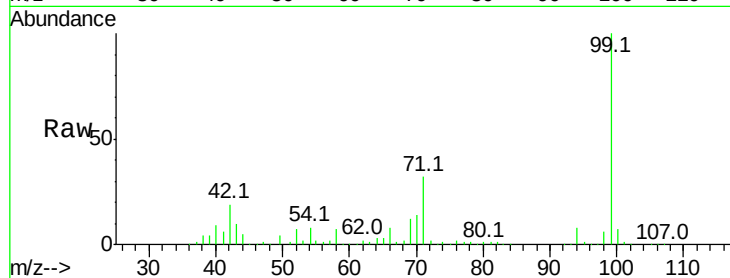
Tot Ion: 99 Resp: 1866821

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

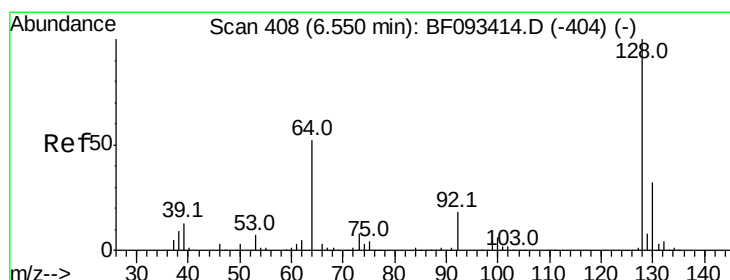
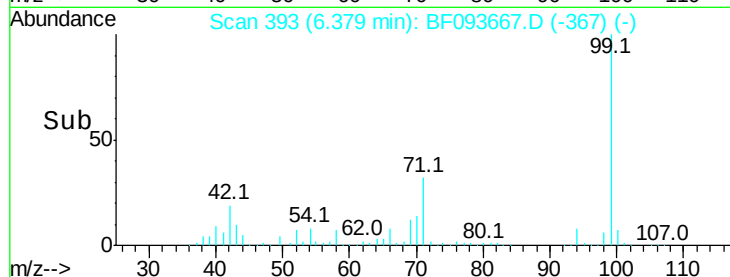
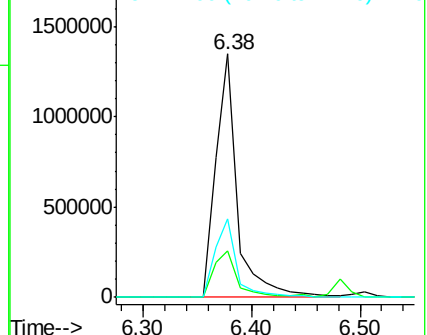
71 32.4 27.5 41.3



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: 45.47 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

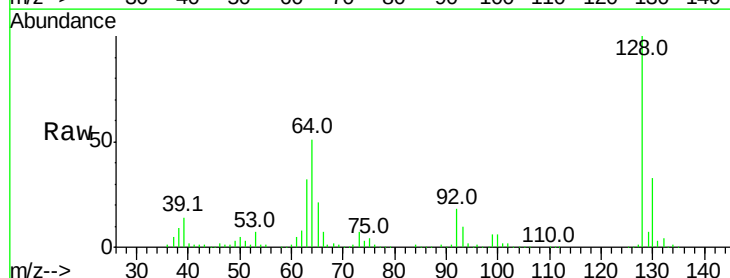
Tgt Ion:128 Resp: 506800

Ion Ratio Lower Upper

128 100

130 33.1 12.3 52.3

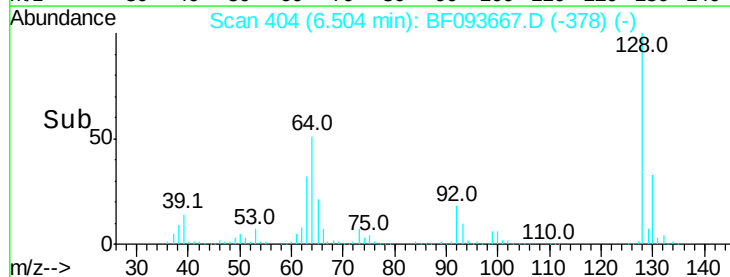
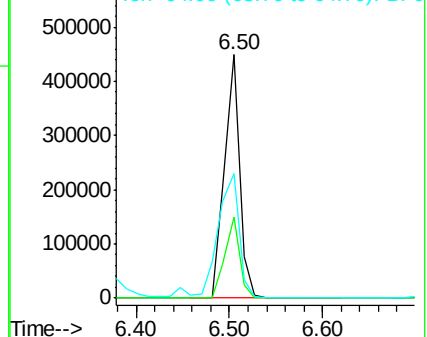
64 51.0 32.2 72.2

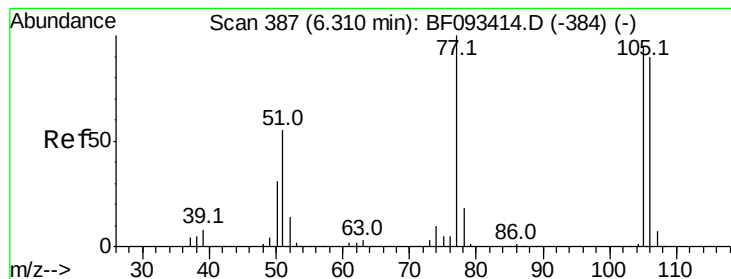


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.39 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

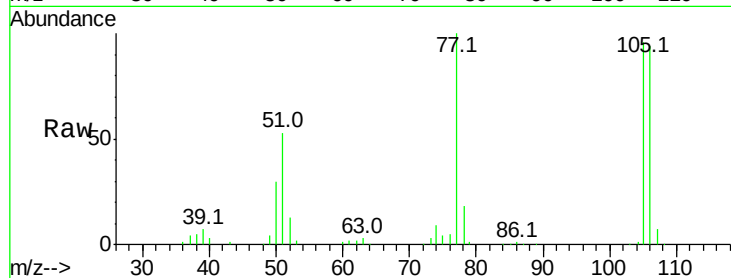
Tot Ion: 77 Resp: 294597

Ion Ratio Lower Upper

77 100

105 96.4 83.9 123.9

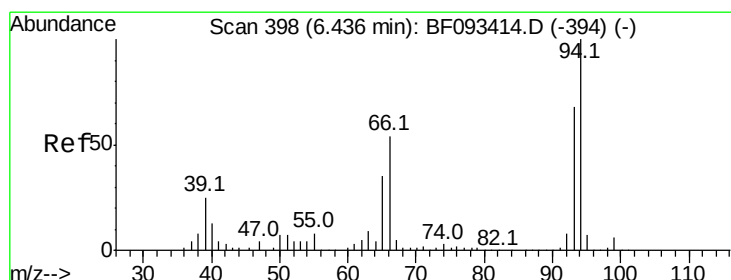
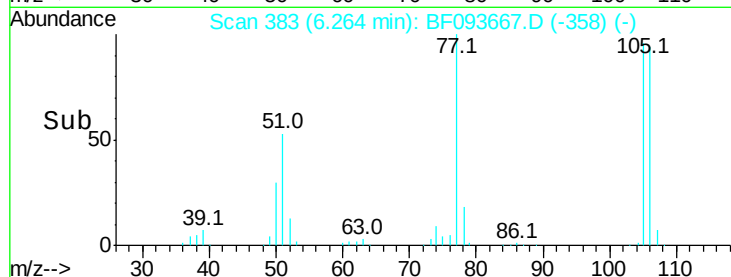
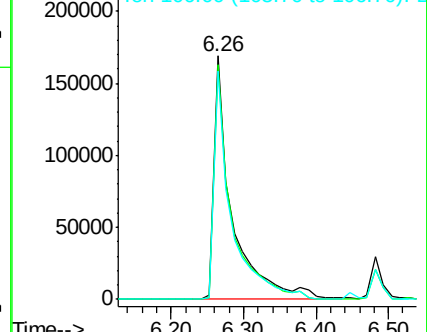
106 93.8 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 49.79 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

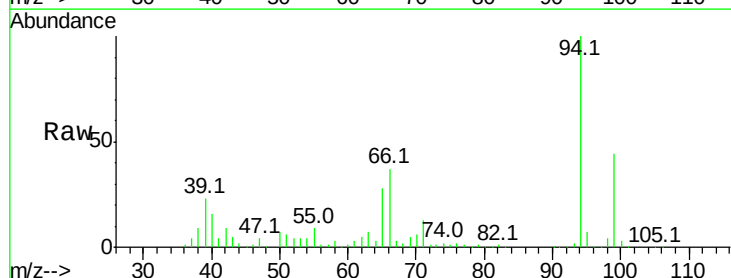
Tgt Ion: 94 Resp: 765233

Ion Ratio Lower Upper

94 100

65 27.6 21.4 61.4

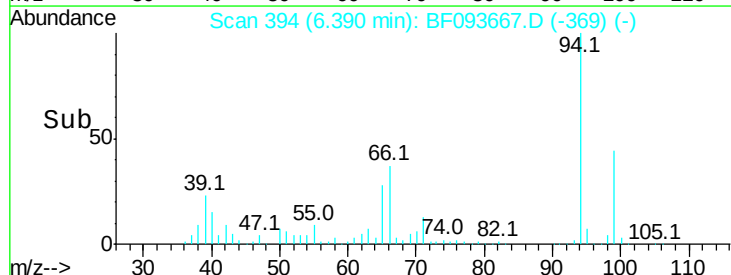
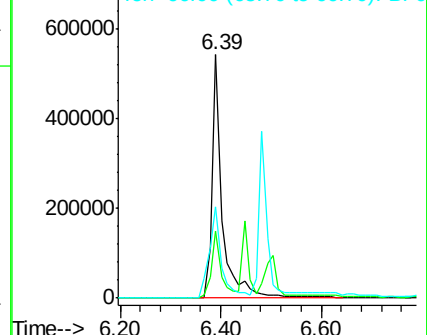
66 37.3 44.0 84.0#

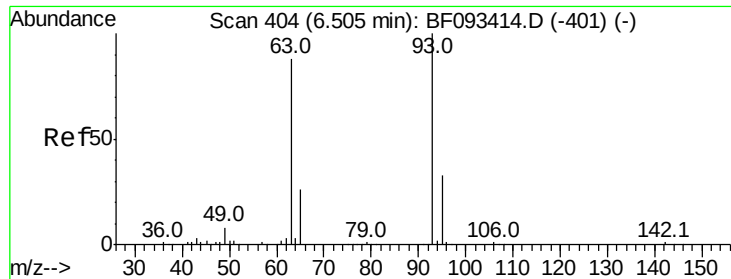


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

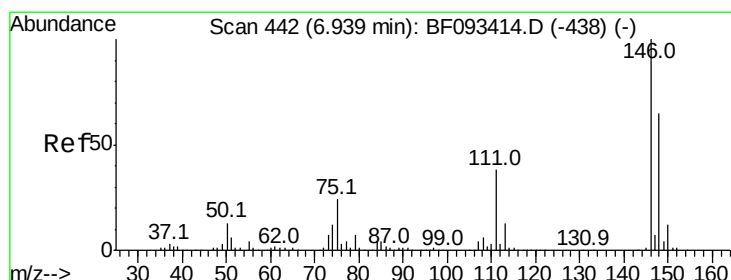
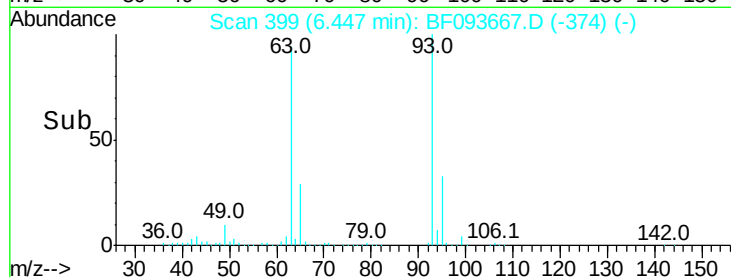
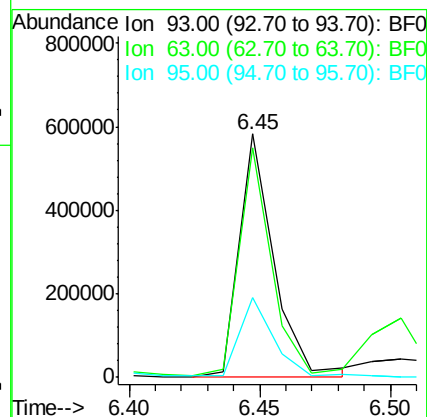
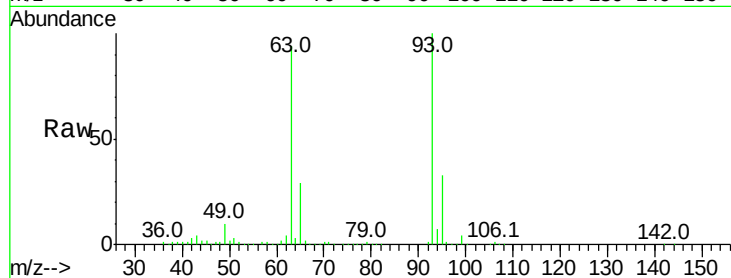




#11
bis(2-Chloroethyl)ether
Concen: 43.69 ng
RT: 6.45 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

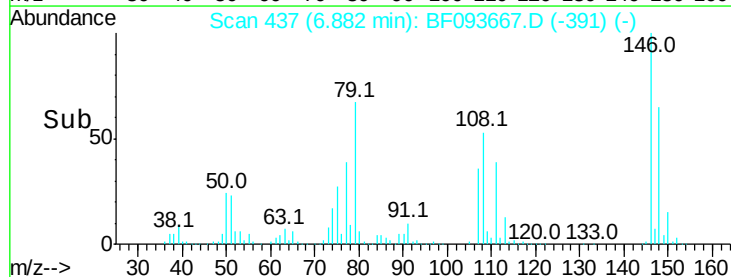
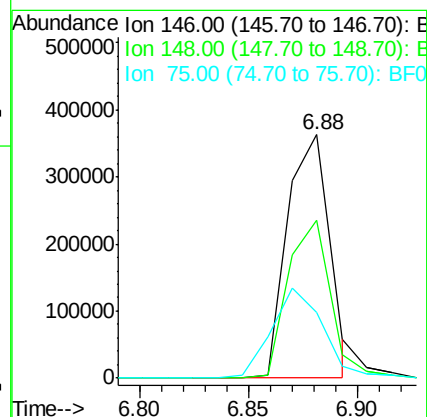
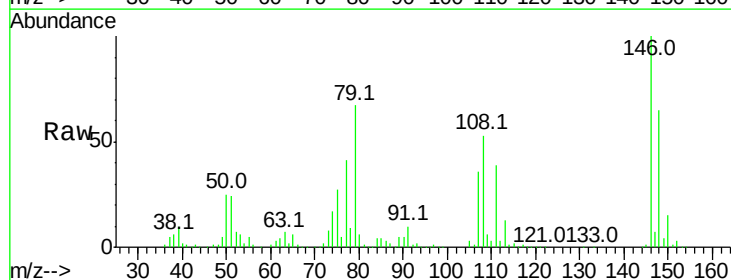
Instrument :
BNA_F
ClientSampleId :
PB97589BS

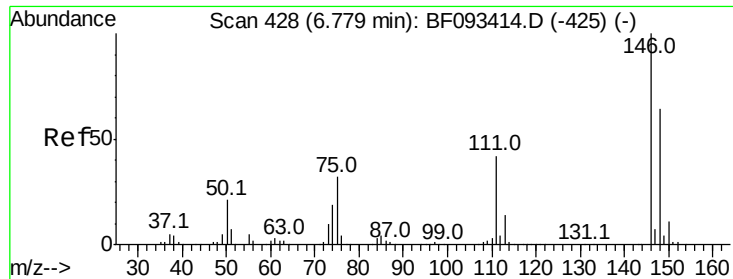
Tot Ion: 93 Resp: 542761
Ion Ratio Lower Upper
93 100
63 94.5 60.4 100.4
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.50 ng
RT: 6.88 min Scan# 437
Delta R.T. 0.23 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

Tgt Ion: 146 Resp: 491087
Ion Ratio Lower Upper
146 100
148 64.7 53.4 80.0
75 27.0 18.5 27.7

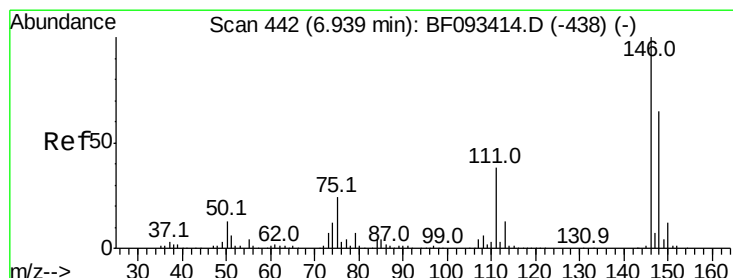
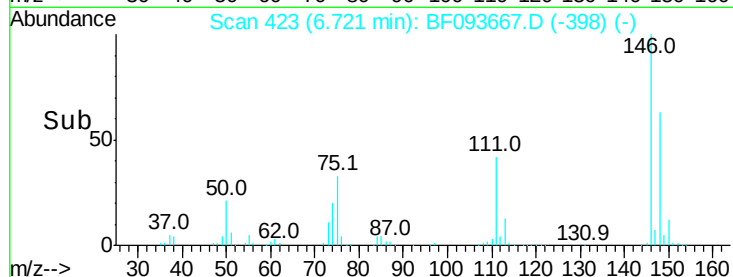
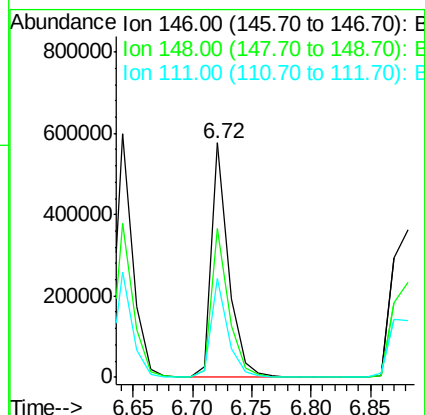
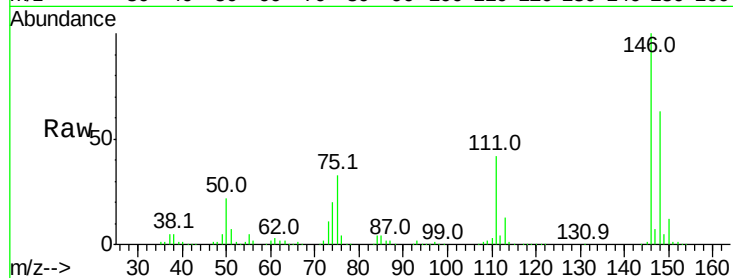




#13
 1,4-Dichlorobenzene
 Concen: 44.45 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

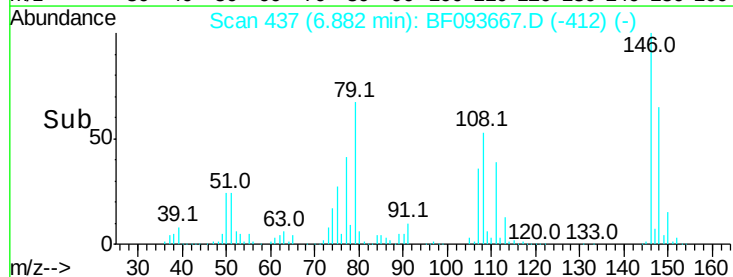
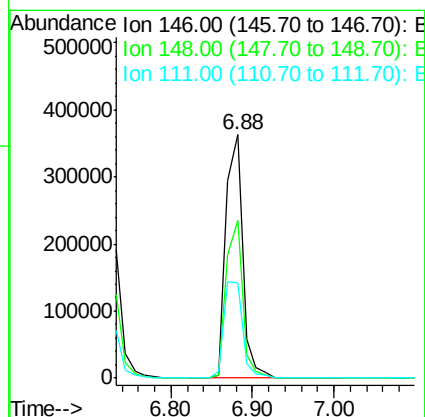
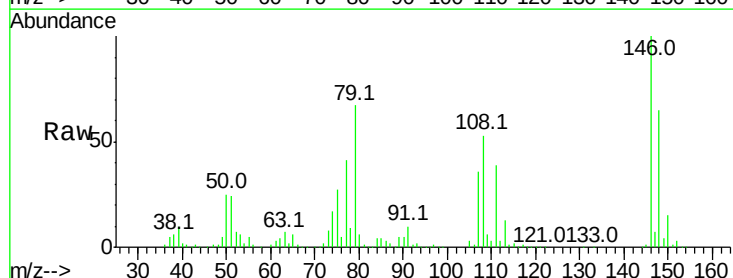
Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

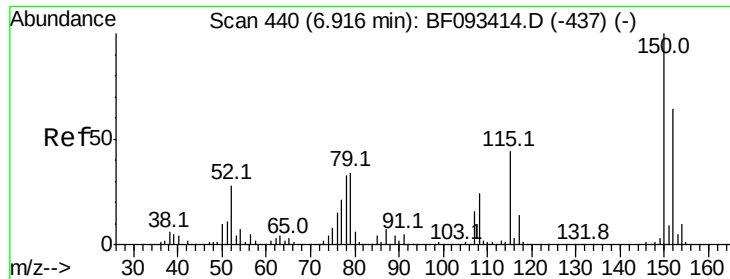
Tot Ion:146 Resp: 580537
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 76.0
 111 42.1 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 44.29 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion:146 Resp: 512217
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.2
 111 38.8 36.2 54.2





#15

Benzyl Alcohol

Concen: 41.18 ng

RT: 6.88 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleID :

PB97589BS

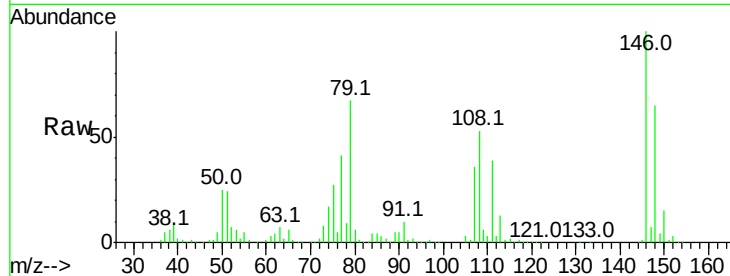
Tot Ion: 79 Resp: 368227

Ion Ratio Lower Upper

79 100

108 78.6 61.4 92.0

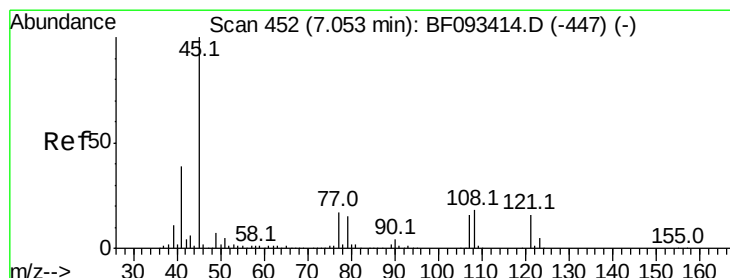
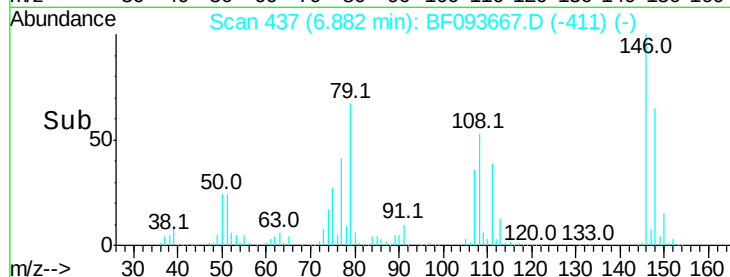
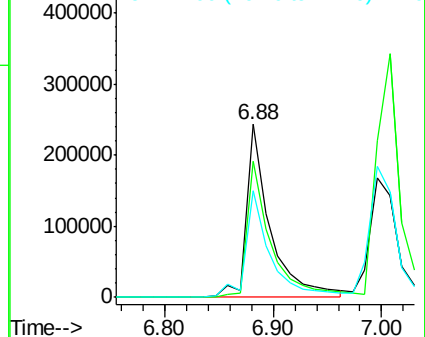
77 61.4 50.9 76.3



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: 44.47 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

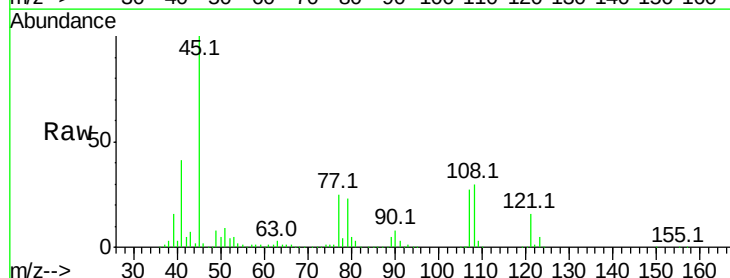
Tgt Ion: 45 Resp: 917671

Ion Ratio Lower Upper

45 100

77 25.5 0.0 34.6

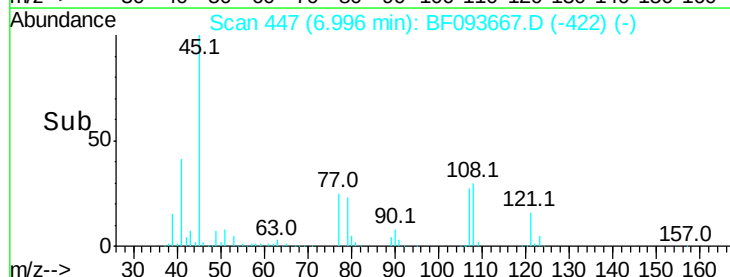
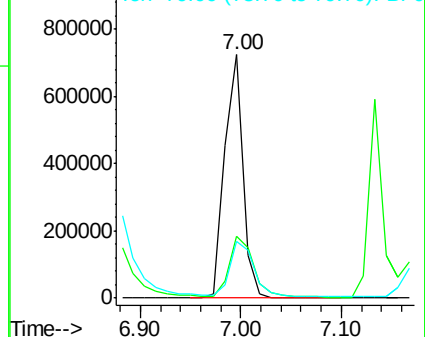
79 23.2 0.0 31.2

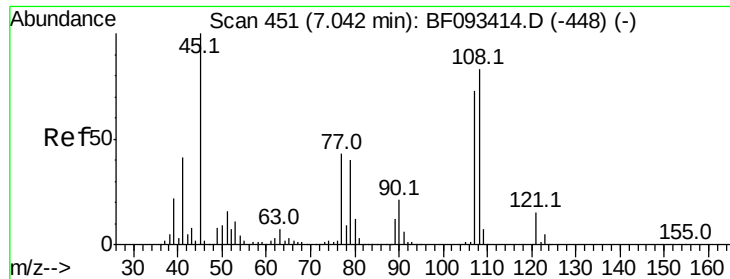


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 45.54 ng

RT: 7.01 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

Tot Ion:107 Resp: 429287

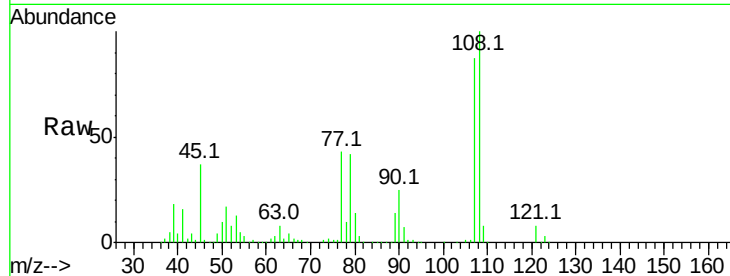
Ion Ratio Lower Upper

107 100

108 114.9 93.0 139.6

77 49.8 39.8 59.8

79 48.1 38.0 57.0

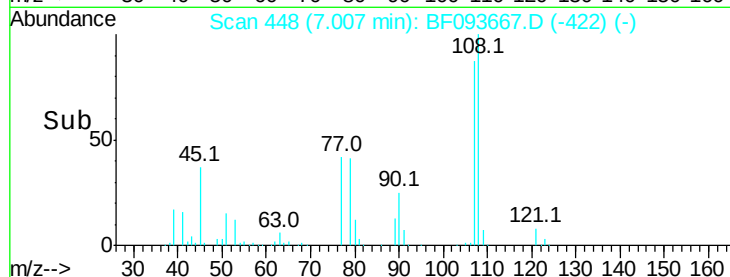


Abundance Ion 107.00 (106.70 to 107.70): E

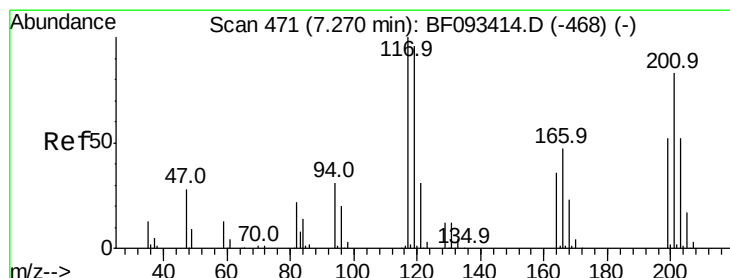
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 46.47 ng

RT: 7.21 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

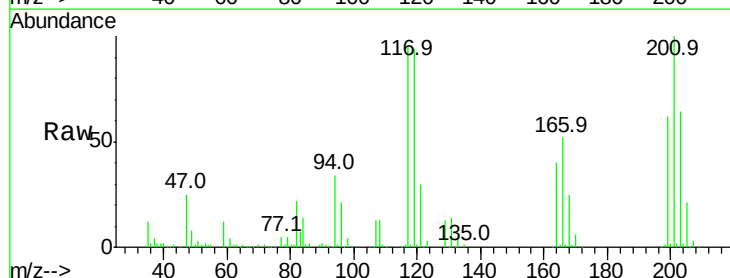
Tgt Ion:117 Resp: 204672

Ion Ratio Lower Upper

117 100

119 98.4 78.1 117.1

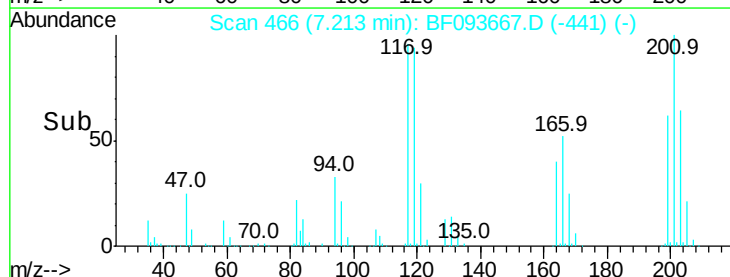
201 104.1 78.6 117.8



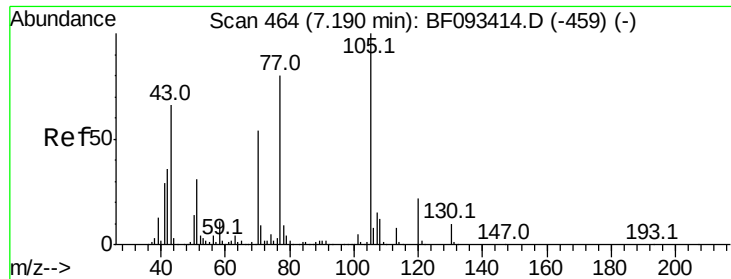
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



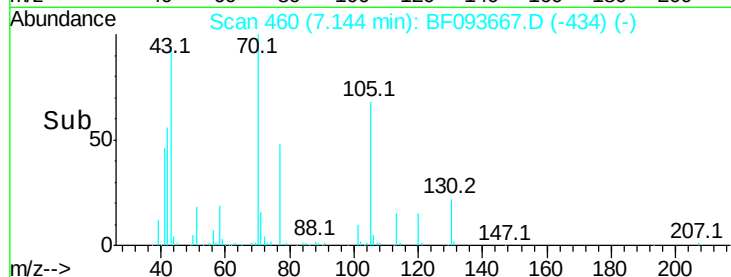
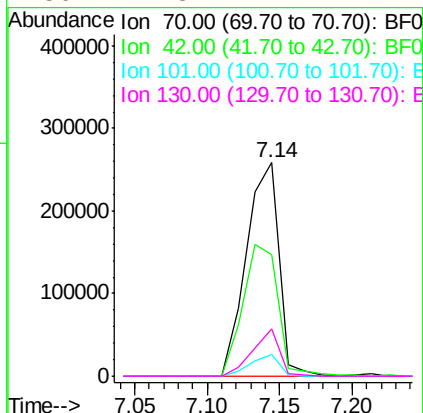
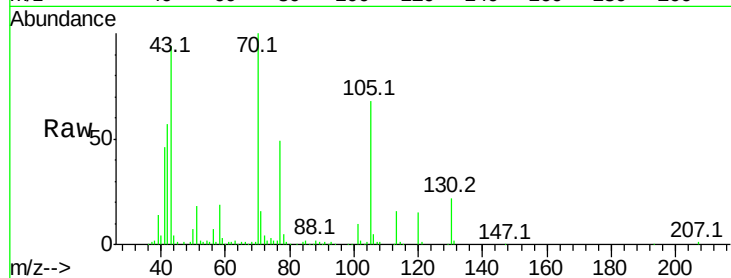
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 46.76 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

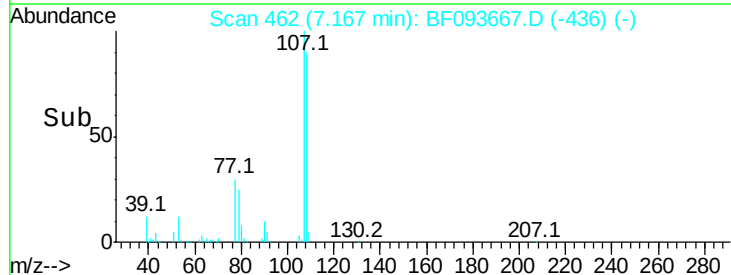
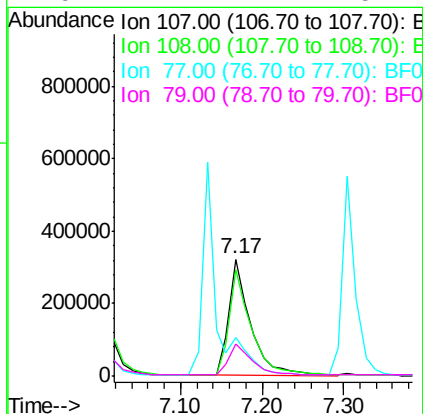
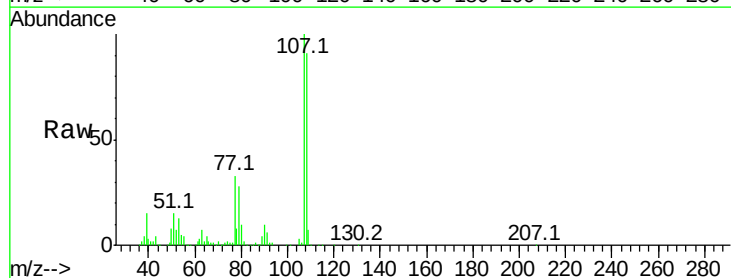
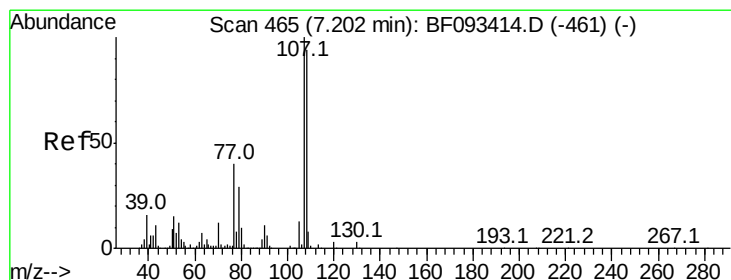
Instrument :
BNA_F
ClientSampleId :
PB97589BS

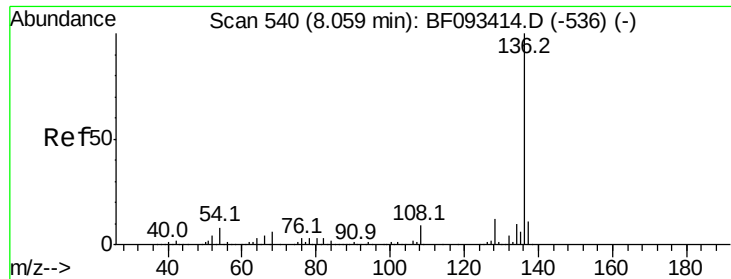
Tot Ion: 70 Resp: 403224
Ion Ratio Lower Upper
70 100
42 57.1 49.4 74.0
101 10.0 7.4 11.2
130 22.3 14.2 21.4#



#20
3+4-Methylphenols
Concen: 48.66 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

Tgt Ion:107 Resp: 594857
Ion Ratio Lower Upper
107 100
108 90.9 73.0 113.0
77 33.0 71.3 111.3#
79 27.7 11.1 51.1

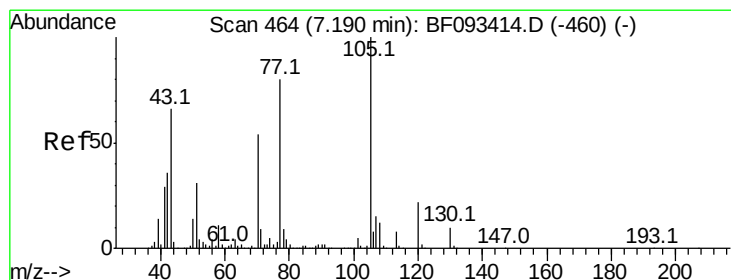
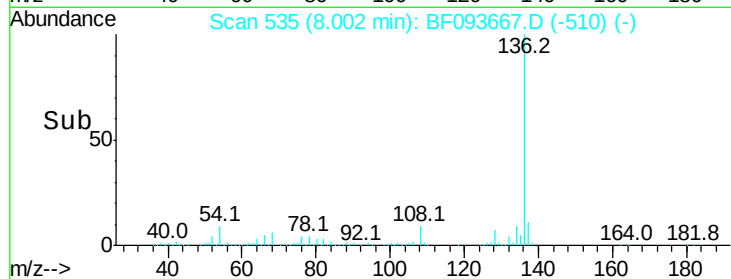
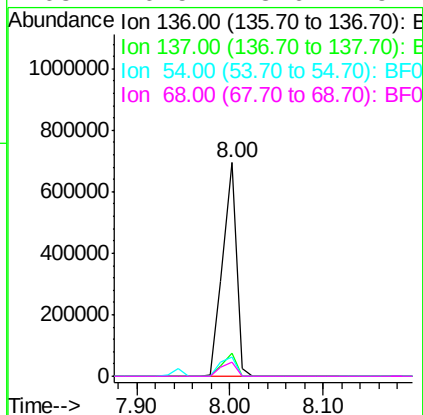
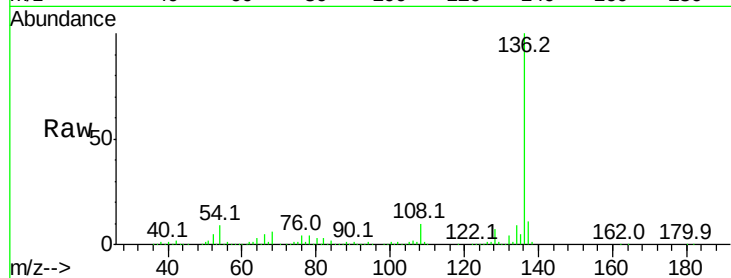




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

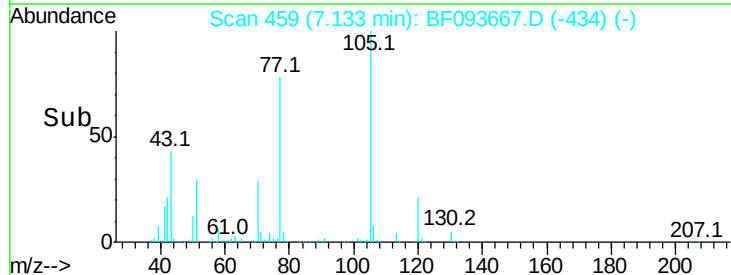
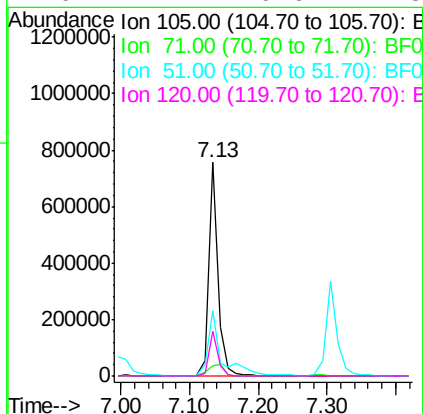
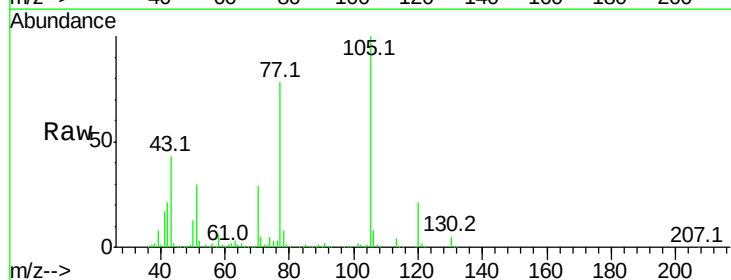
Instrument :
BNA_F
ClientSampleId :
PB97589BS

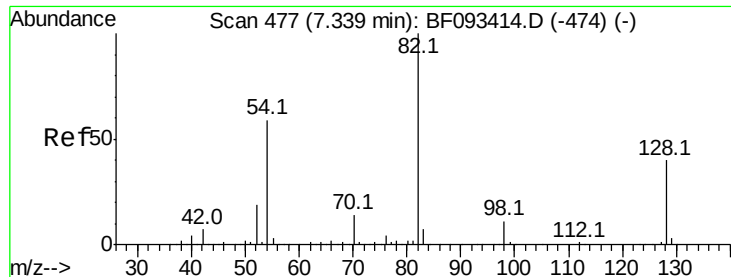
Tot Ion:	136	Resp:	711702
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.9	4.5	6.7#
68	6.5	3.6	5.4#



#22
Acetophenone
Concen: 41.76 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

Tgt Ion:	105	Resp:	715189
Ion	Ratio	Lower	Upper
105	100		
71	4.7	3.2	4.8
51	30.4	26.2	39.4
120	21.2	16.6	24.8

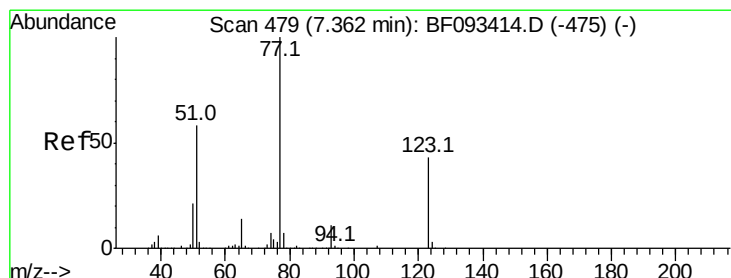
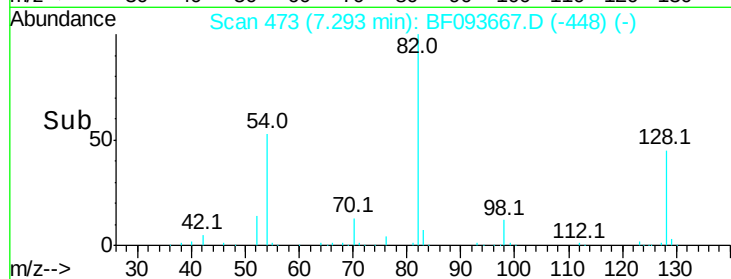
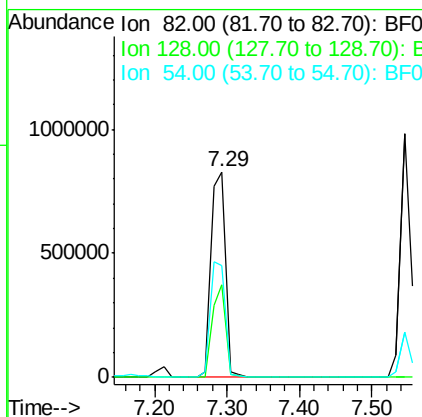
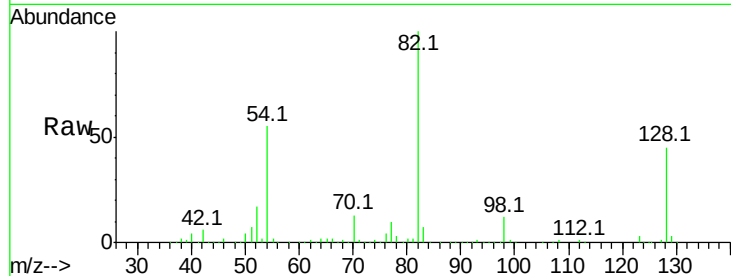




#23
 Nitrobenzene-d5
 Concen: 89.35 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

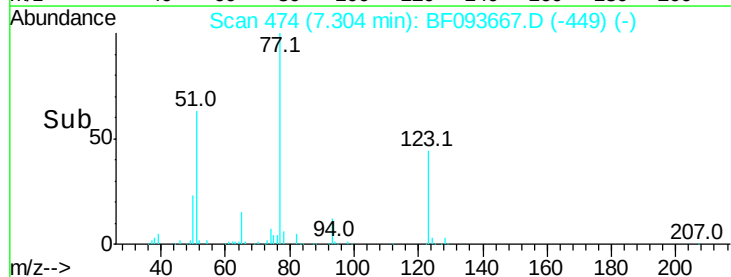
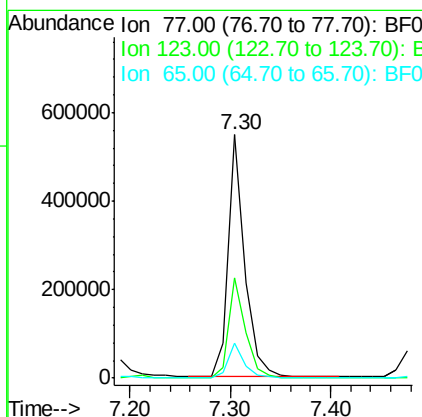
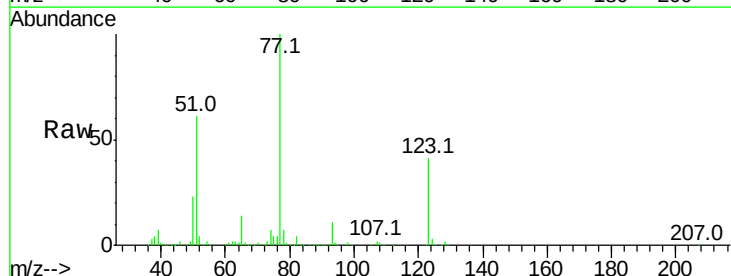
Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

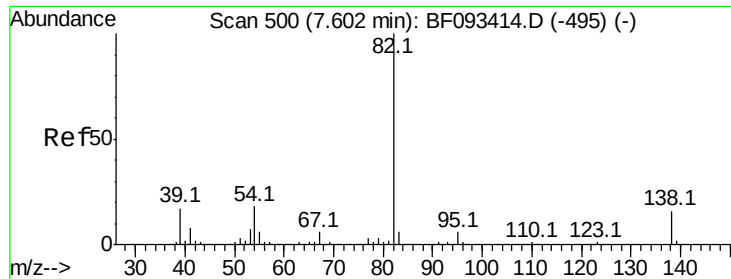
Tot Ion: 82 Resp: 1146153
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.6 52.0
 54 54.6 39.5 59.3



#24
 Nitrobenzene
 Concen: 43.37 ng
 RT: 7.30 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion: 77 Resp: 625194
 Ion Ratio Lower Upper
 77 100
 123 41.0 33.0 49.4
 65 14.4 11.2 16.8





#25

Isophorone

Concen: 40.12 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

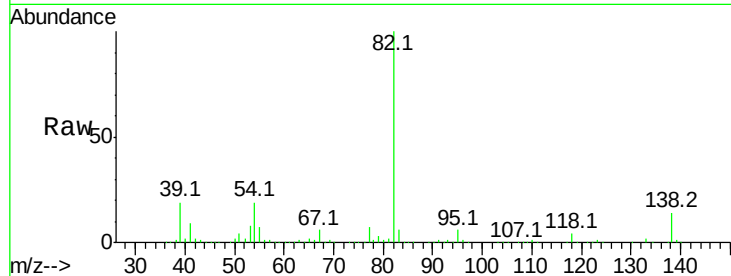
Tot Ion: 82 Resp: 1037777

Ion Ratio Lower Upper

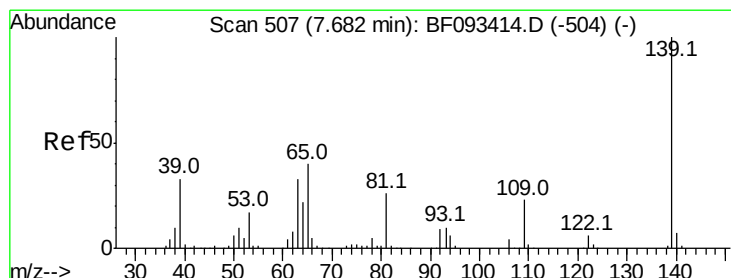
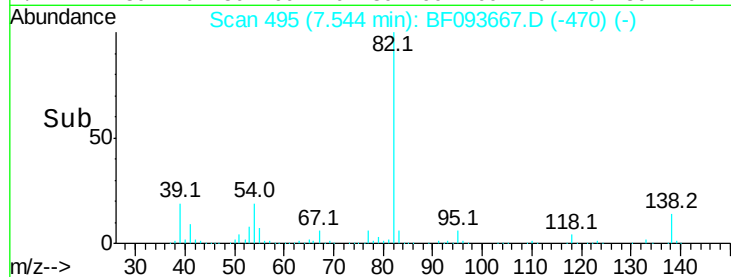
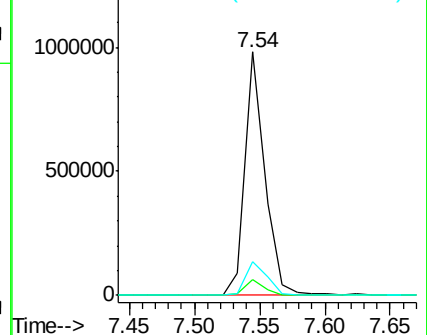
82 100

95 6.3 5.6 8.4

138 14.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.23 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

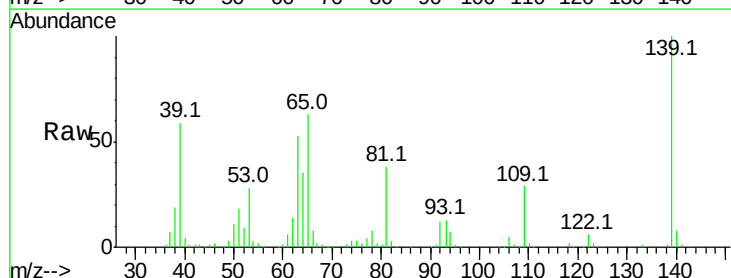
Tgt Ion:139 Resp: 290934

Ion Ratio Lower Upper

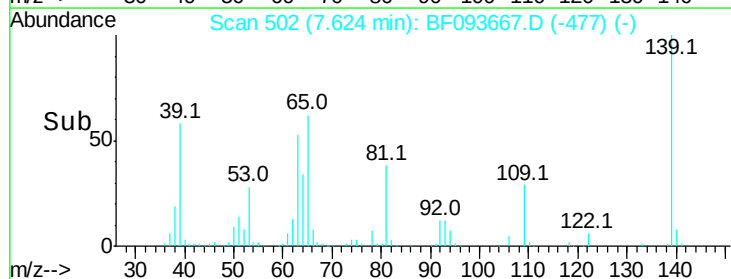
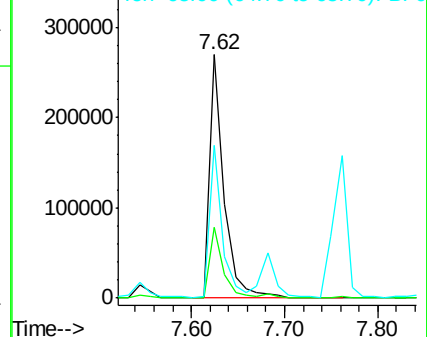
139 100

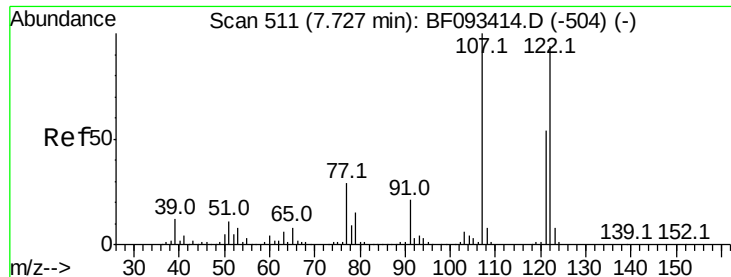
109 29.3 23.3 34.9

65 63.0 42.7 64.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

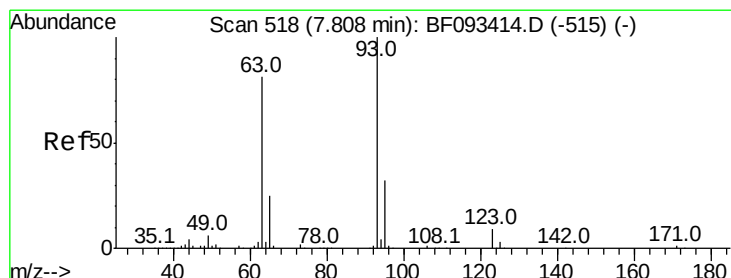
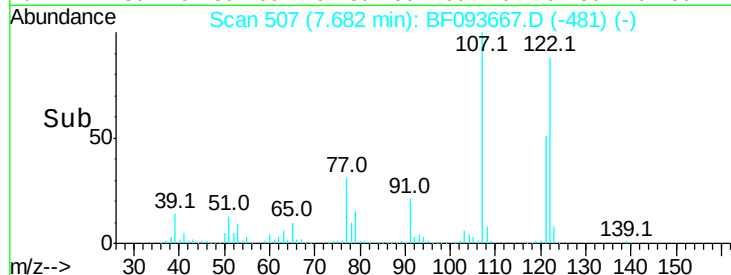
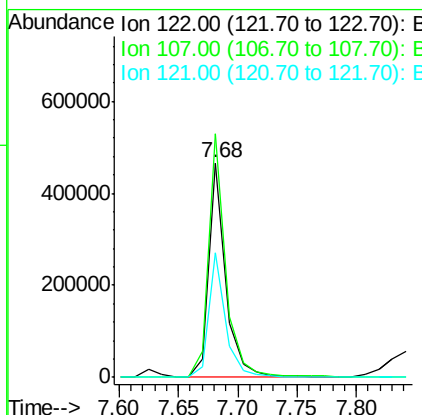
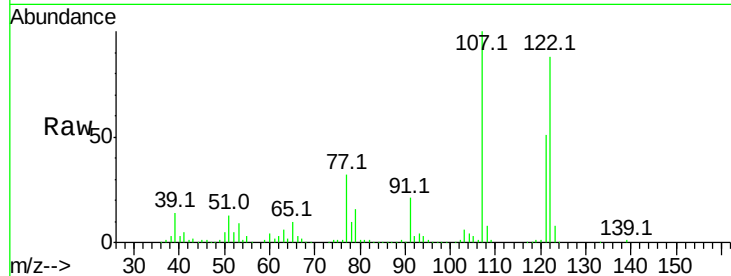




#27
 2,4-Dimethylphenol
 Concen: 42.99 ng
 RT: 7.68 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

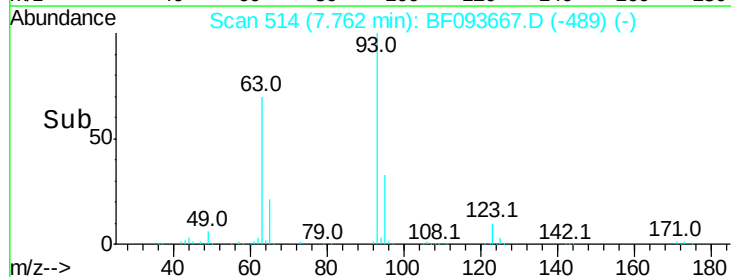
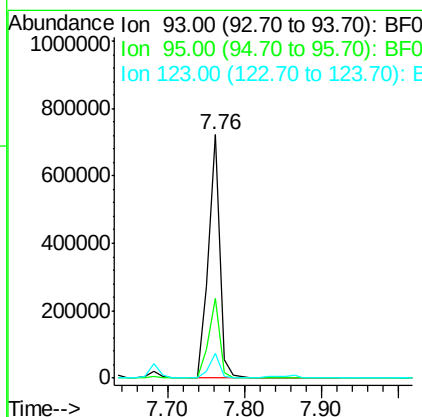
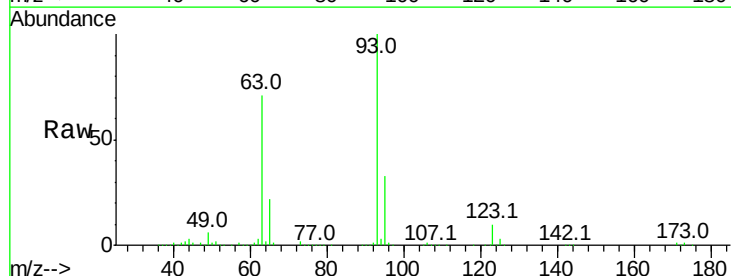
Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

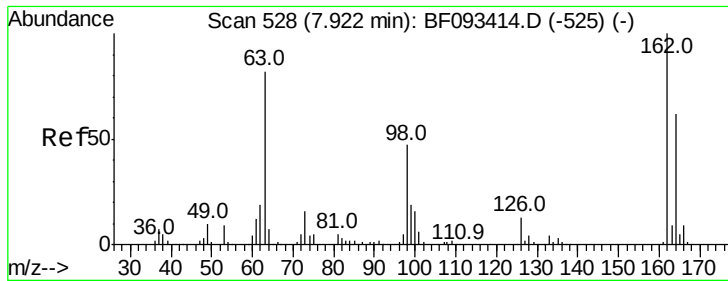
Tot Ion:122 Resp: 459934
 Ion Ratio Lower Upper
 122 100
 107 113.5 94.1 141.1
 121 58.0 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.83 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion: 93 Resp: 732021
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 10.2 8.6 13.0

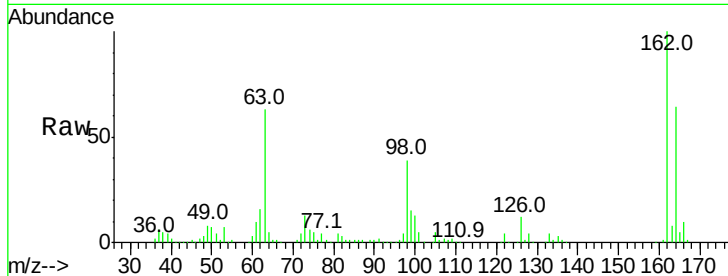




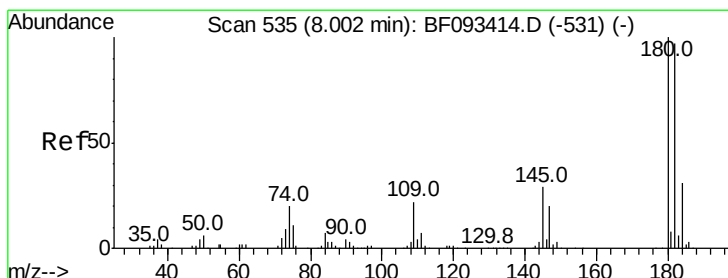
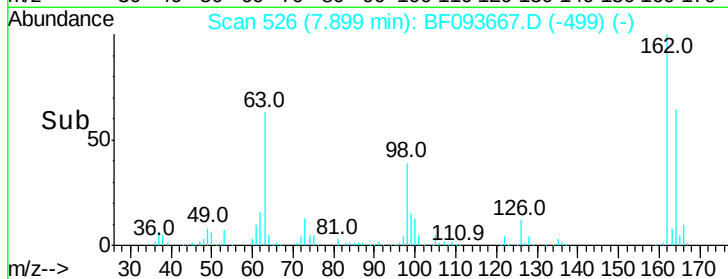
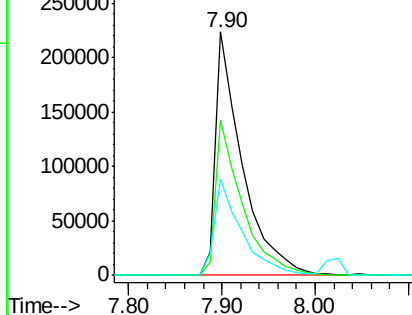
#29
 2,4-Dichlorophenol
 Concen: 44.04 ng
 RT: 7.90 min Scan# 526
 Delta R.T. 0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

Tot Ion:162 Resp: 443330
 Ion Ratio Lower Upper
 162 100
 164 63.6 46.8 86.8
 98 39.5 9.1 49.1

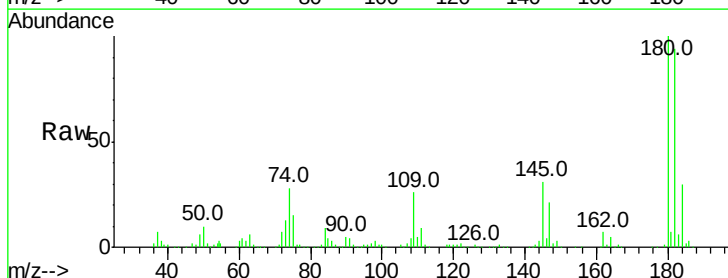


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

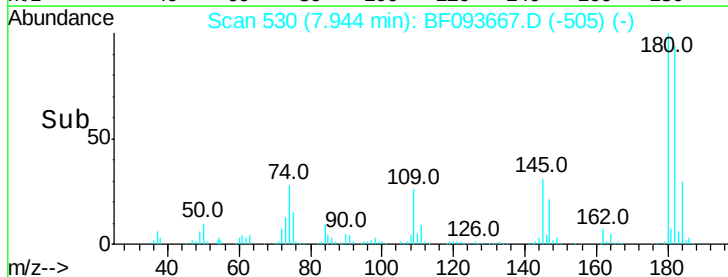
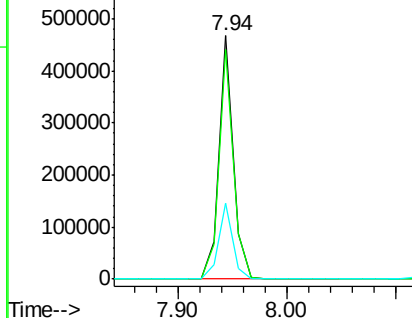


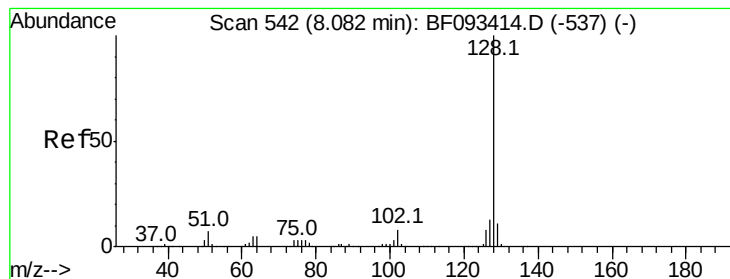
#30
 1,2,4-Trichlorobenzene
 Concen: 40.58 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion:180 Resp: 434423
 Ion Ratio Lower Upper
 180 100
 182 94.3 78.2 117.4
 145 31.0 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: 41.15 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

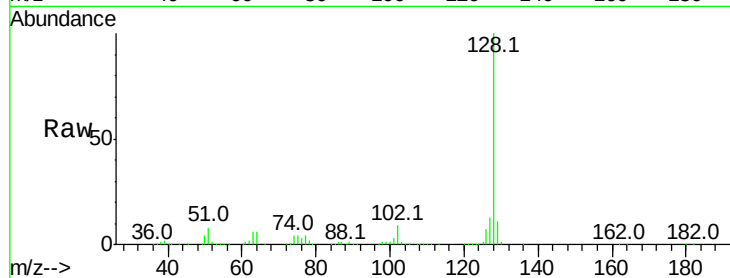
Tot Ion:128 Resp: 1467577

Ion Ratio Lower Upper

128 100

129 10.8 9.5 14.3

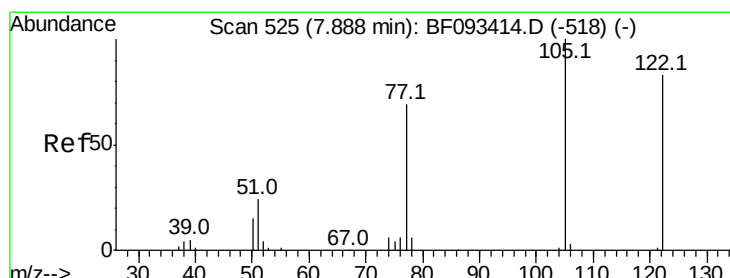
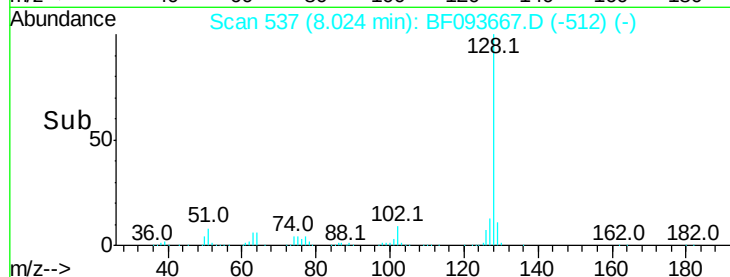
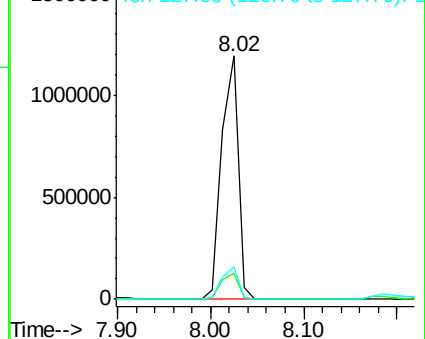
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.13 ng

RT: 7.86 min Scan# 523

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

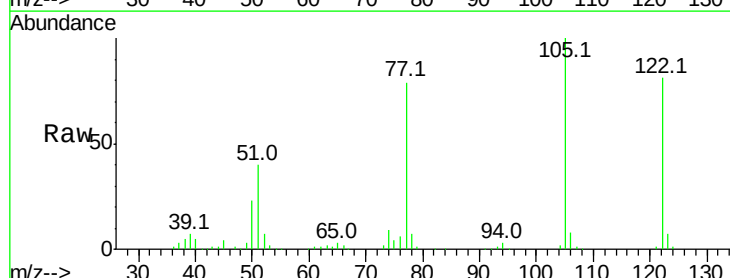
Tgt Ion:122 Resp: 245371

Ion Ratio Lower Upper

122 100

105 123.6 107.2 147.2

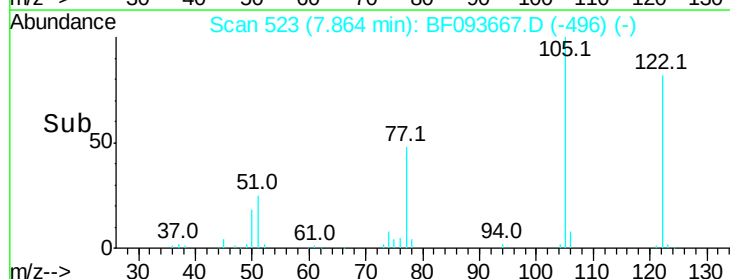
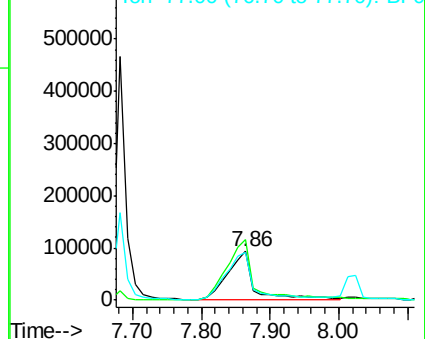
77 97.0 74.5 114.5

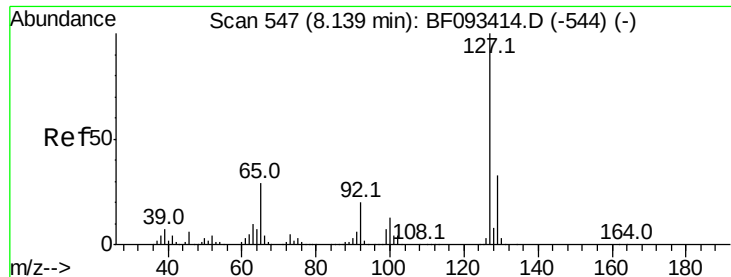


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

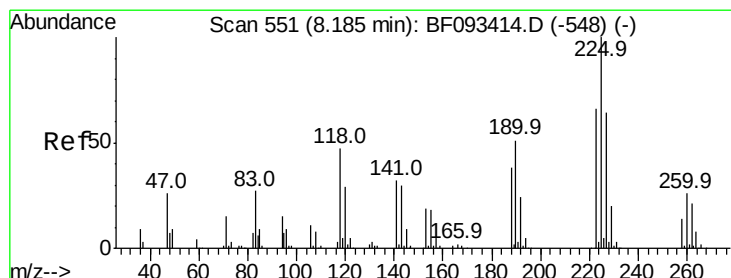
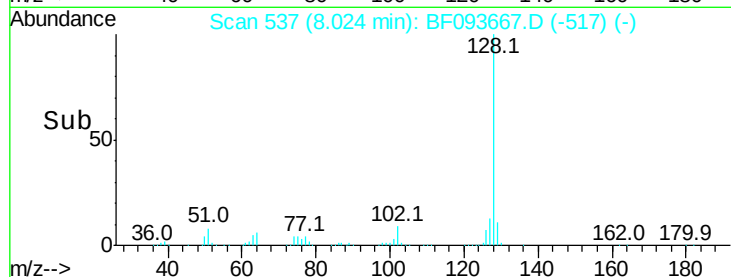
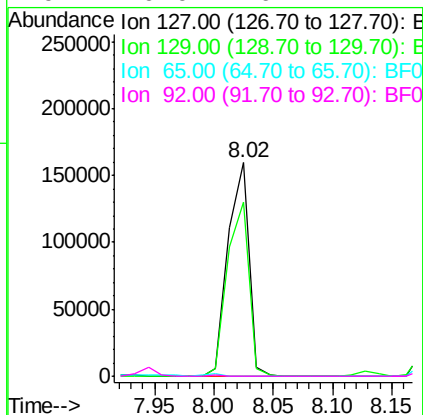
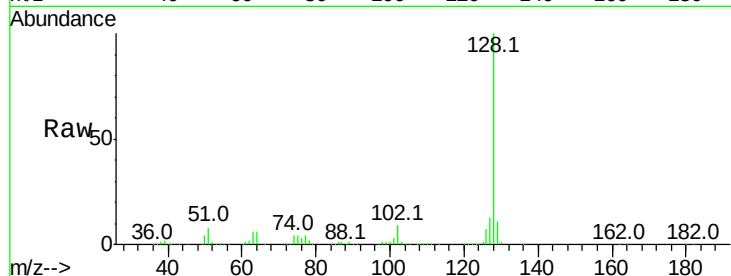




#33
4-Chloroaniline
Concen: 13.55 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.07 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

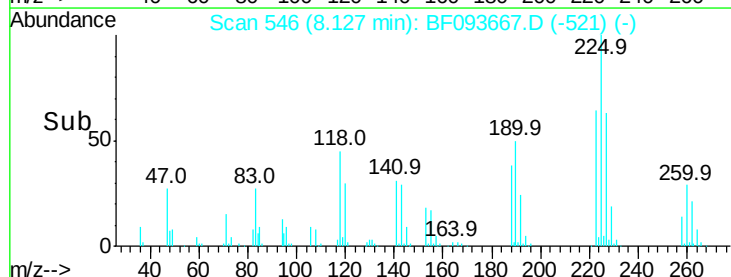
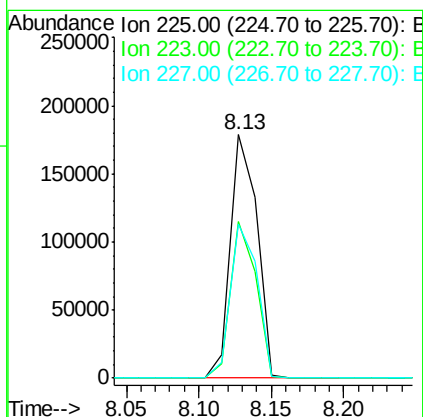
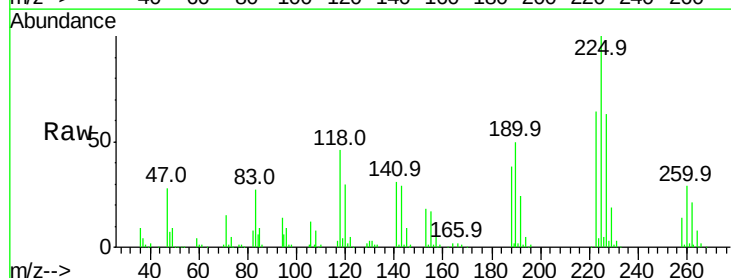
Instrument :
BNA_F
ClientSampleId :
PB97589BS

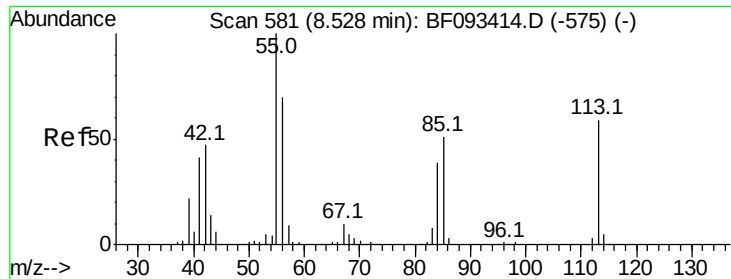
Tot Ion:	127	Resp:	196095
Ion	Ratio	Lower	Upper
127	100		
129	81.2	26.3	39.5#
65	0.0	25.8	38.8#
92	0.0	16.1	24.1#



#34
Hexachlorobutadiene
Concen: 41.29 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

Tgt Ion:	225	Resp:	227669
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.0	76.6
227	63.1	50.6	76.0

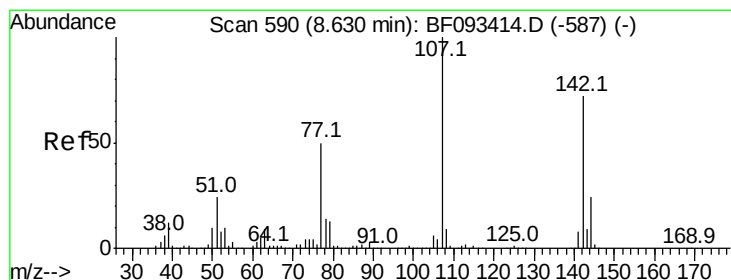
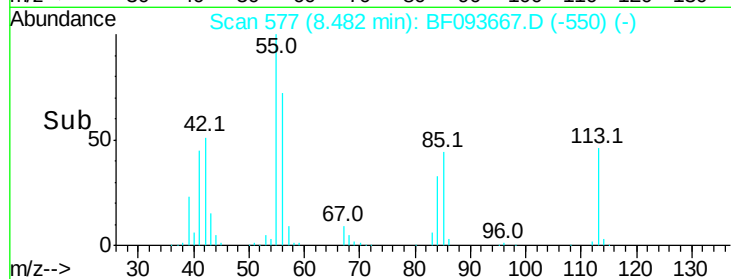
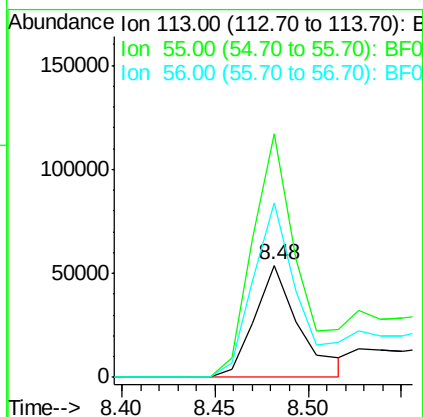
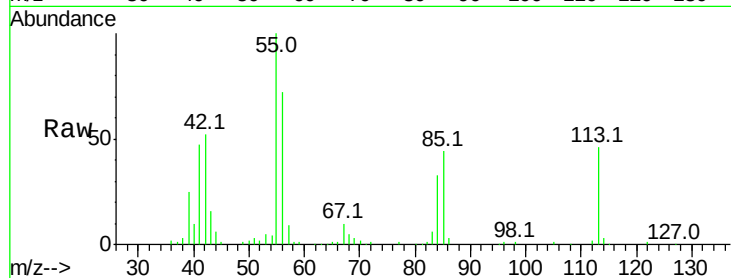




#35
 Caprolactam
 Concen: 26.09 ng
 RT: 8.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

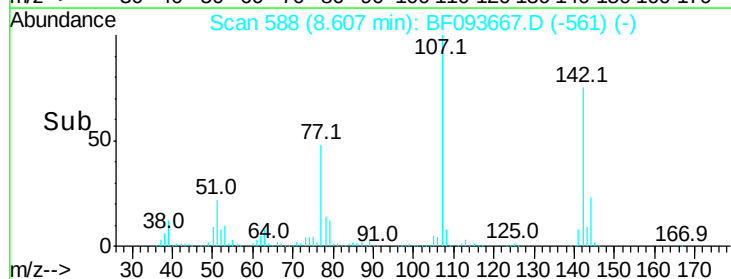
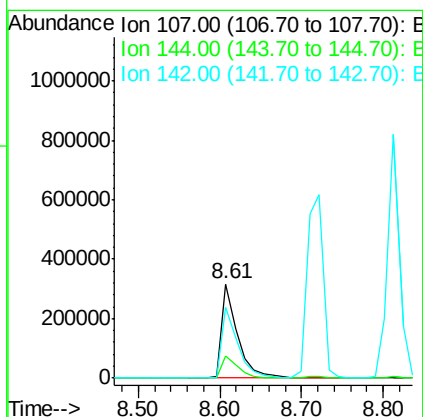
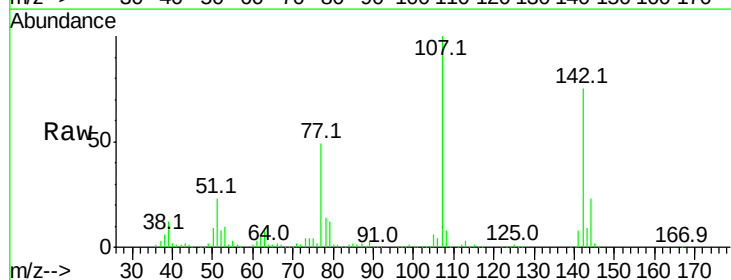
Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

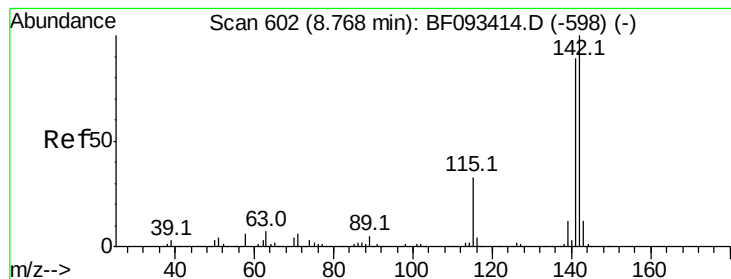
Tot Ion:113 Resp: 89699
 Ion Ratio Lower Upper
 113 100
 55 217.1 119.2 159.2#
 56 156.0 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 39.80 ng
 RT: 8.61 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion:107 Resp: 427570
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.3 28.9
 142 75.0 59.0 88.6

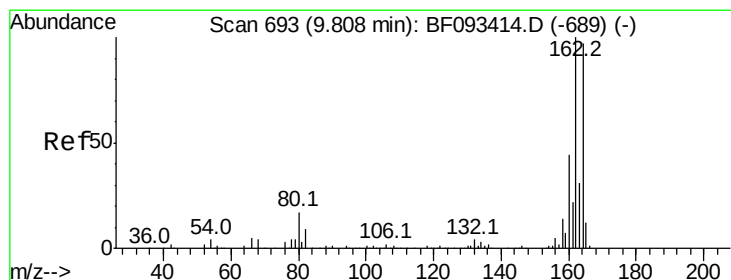
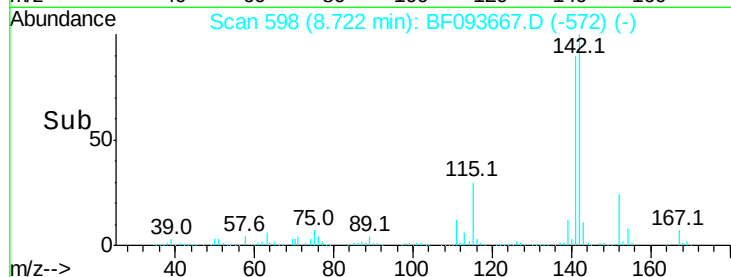
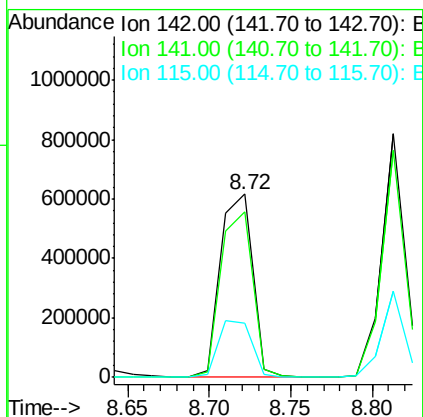
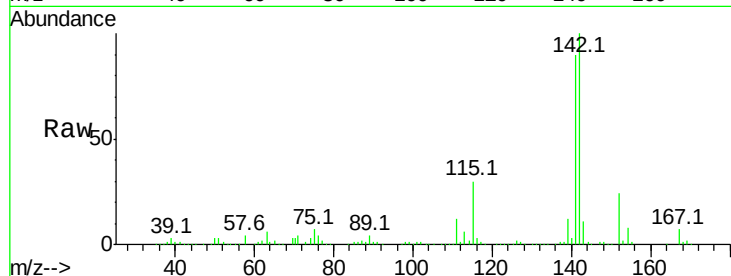




#37
 2-Methylnaphthalene
 Concen: 37.16 ng
 RT: 8.72 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

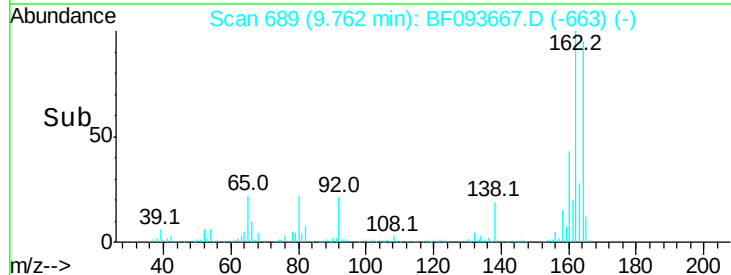
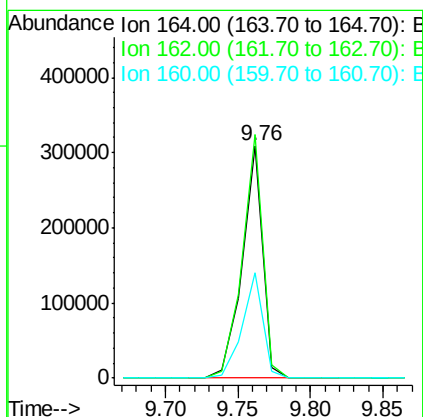
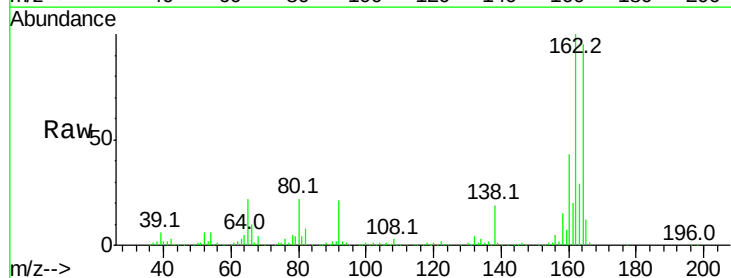
Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

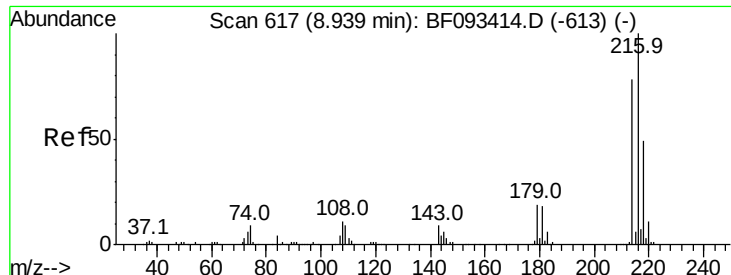
Tot Ion:142 Resp: 843351
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.0 106.6
 115 29.5 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion:164 Resp: 301992
 Ion Ratio Lower Upper
 164 100
 162 104.8 80.2 120.2
 160 45.2 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.86 ng

RT: 8.88 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

Tot Ion:216 Resp: 402946

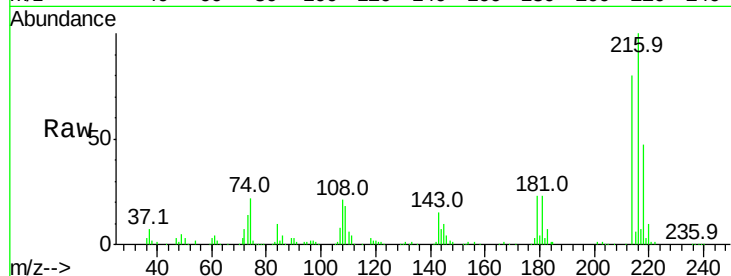
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.0

179 21.3 17.4 26.2

108 19.6 15.6 23.4

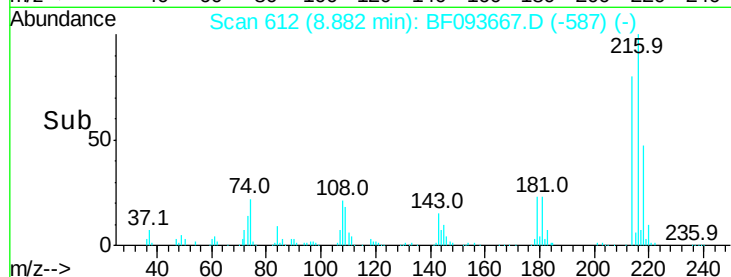


Abundance Ion 216.00 (215.70 to 216.70): E

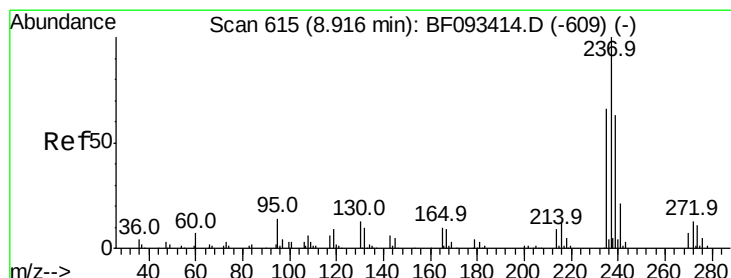
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 102.23 ng

RT: 8.86 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

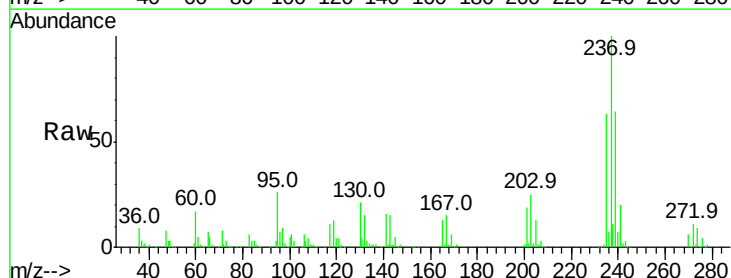
Tgt Ion:237 Resp: 220940

Ion Ratio Lower Upper

237 100

235 63.5 41.2 81.2

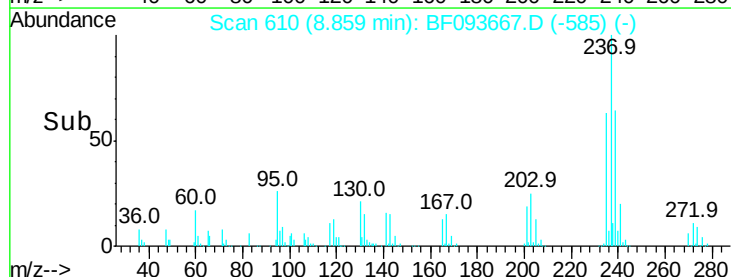
272 11.0 0.0 35.4



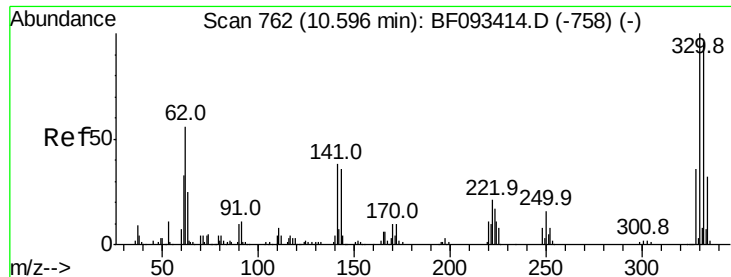
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



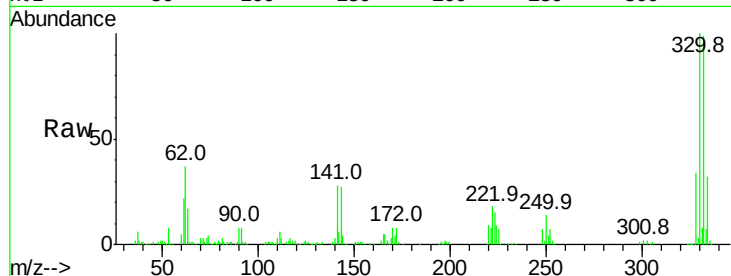
Time-->



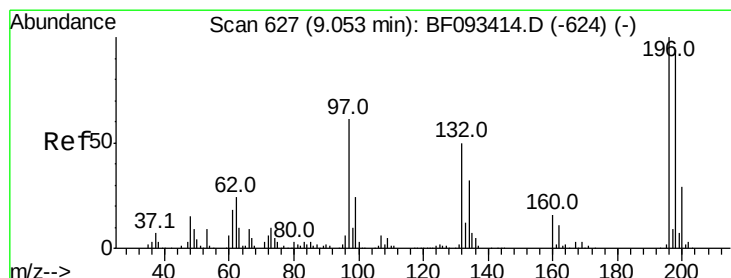
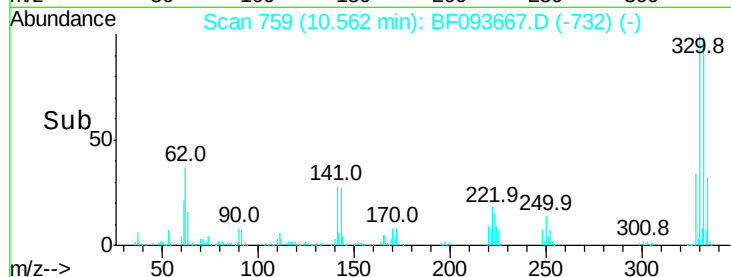
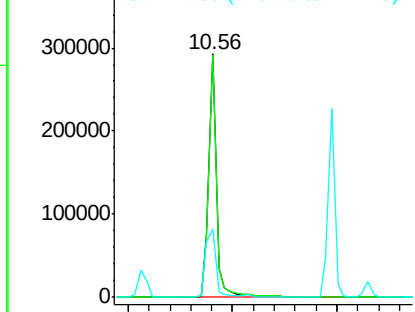
#41
 2,4,6-Tribromophenol
 Concen: 157.32 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

Tot Ion:330 Resp: 309540
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.2
 141 36.7 34.1 51.1

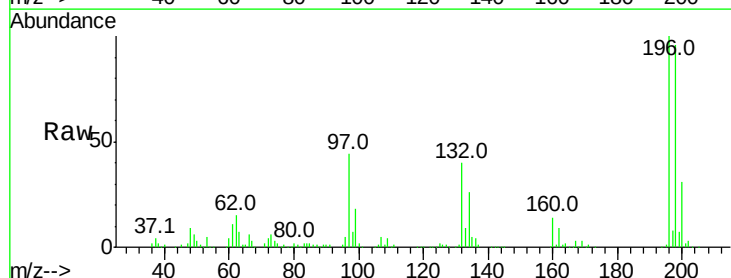


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

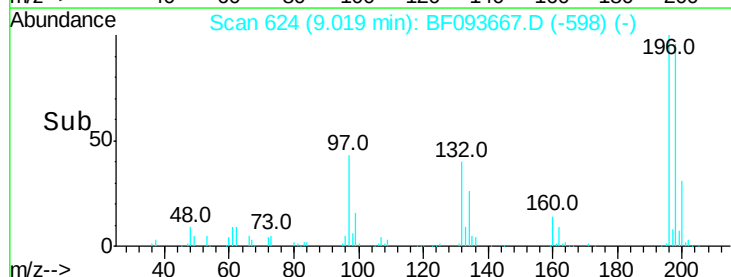
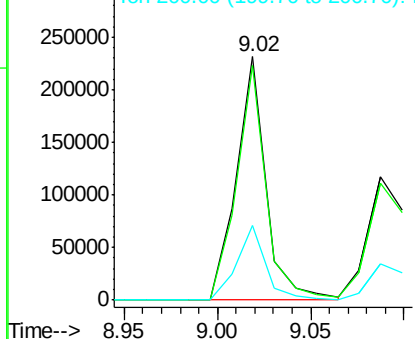


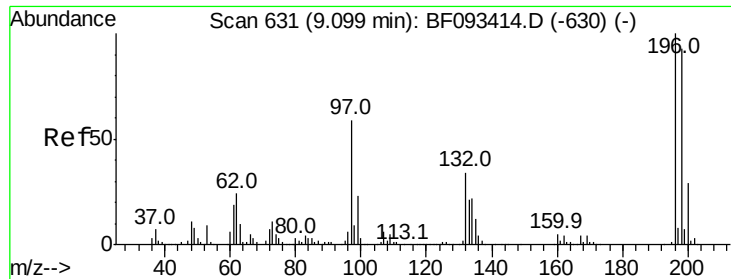
#42
 2,4,6-Trichlorophenol
 Concen: 50.09 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion:196 Resp: 258073
 Ion Ratio Lower Upper
 196 100
 198 96.2 82.1 123.1
 200 30.7 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

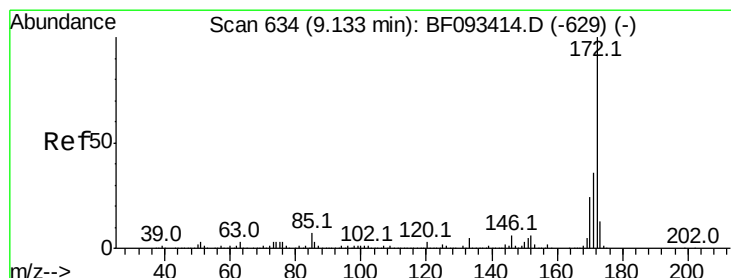
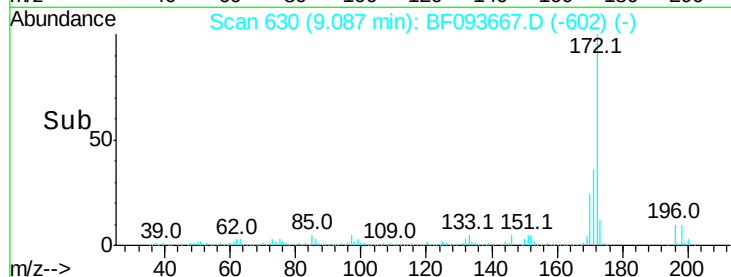
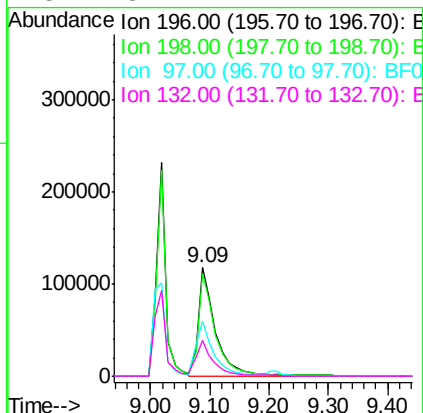
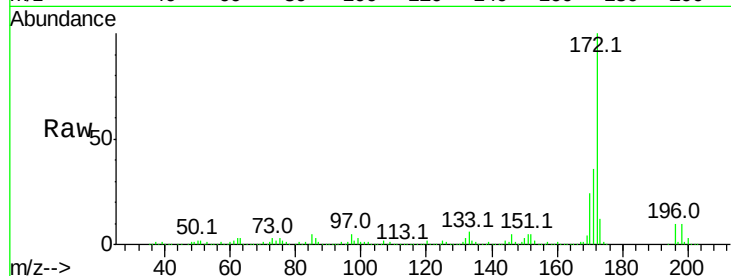




#43
 2,4,5-Trichlorophenol
 Concen: 43.07 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.02 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

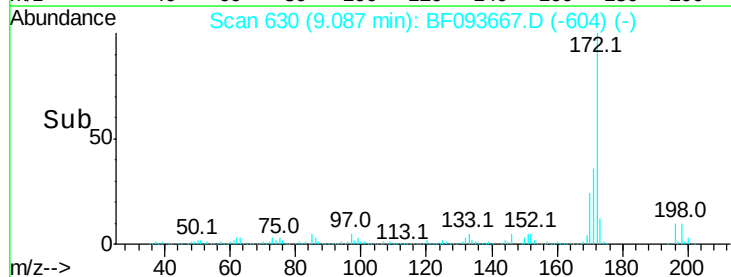
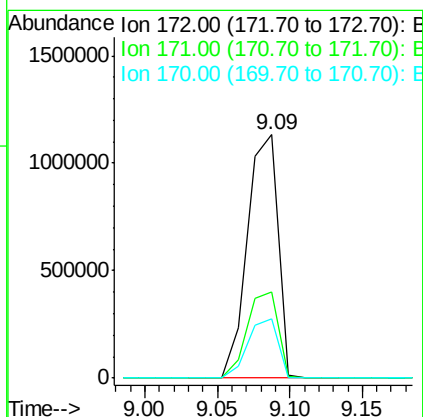
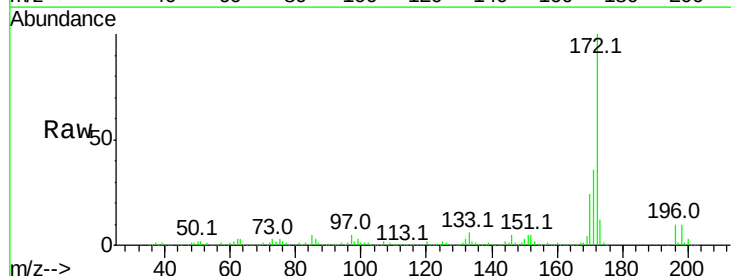
Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

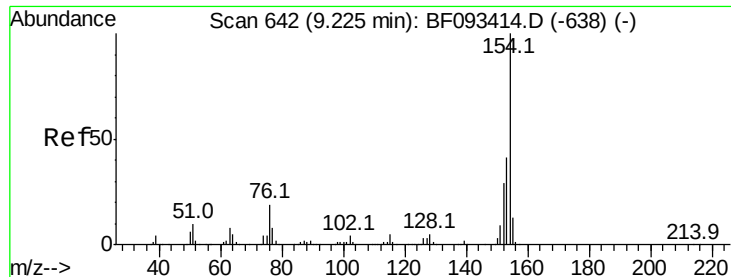
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	79.4	119.2
97	50.2	51.5	77.3
132	32.7	27.4	41.2



#44
 2-Fluorobiphenyl
 Concen: 102.31 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.3	20.2	30.4

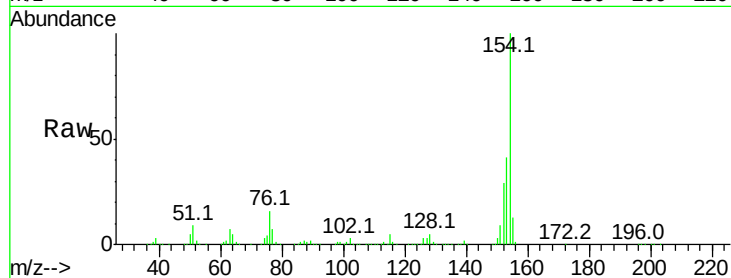




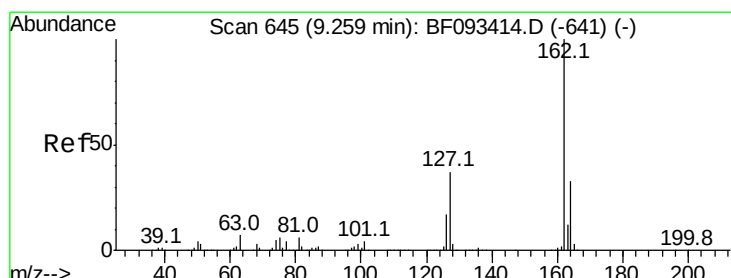
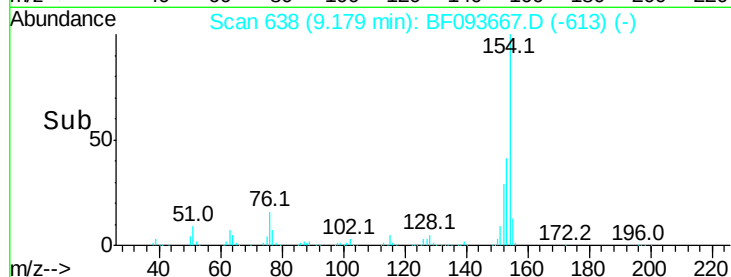
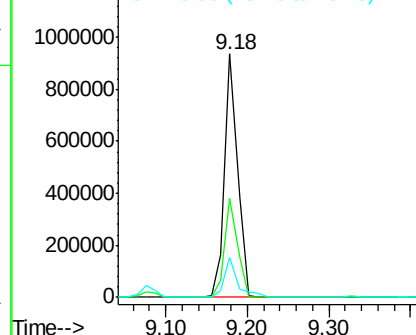
#45
 1,1'-Biphenyl
 Concen: 46.91 ng
 RT: 9.18 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

Tot Ion:154 Resp: 1031961
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.9 60.9
 76 16.3 0.0 30.5

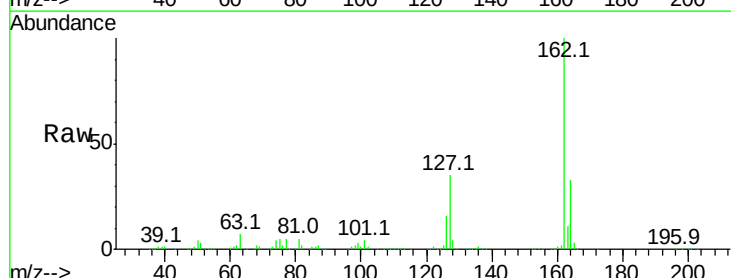


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

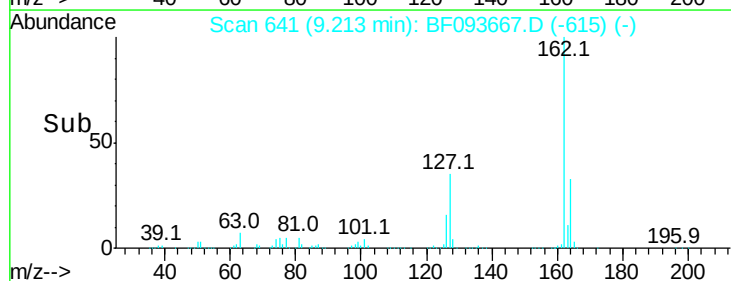
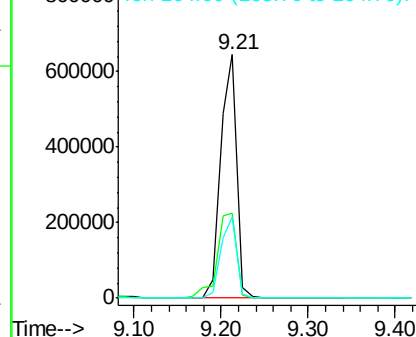


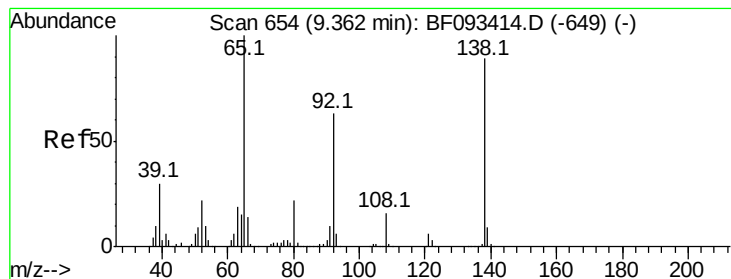
#46
 2-Chloronaphthalene
 Concen: 49.84 ng
 RT: 9.21 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion:162 Resp: 839229
 Ion Ratio Lower Upper
 162 100
 127 35.1 30.7 46.1
 164 33.4 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: 47.50 ng

RT: 9.33 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

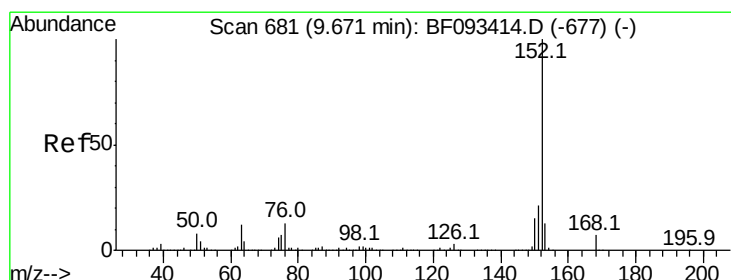
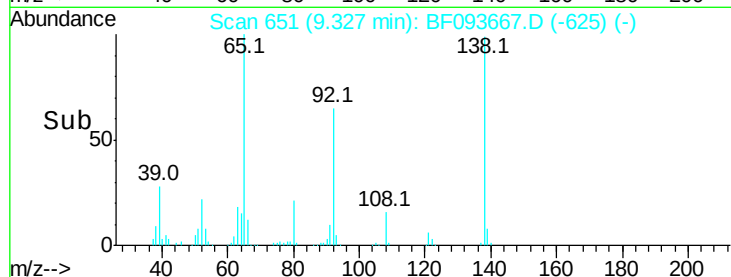
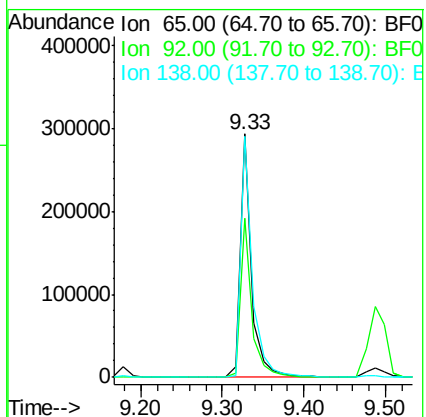
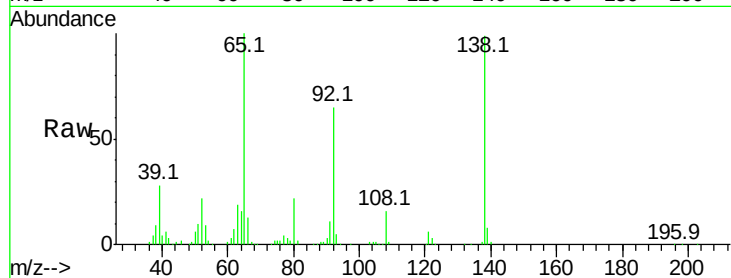
Tot Ion: 65 Resp: 282758

Ion Ratio Lower Upper

65 100

92 65.3 53.9 80.9

138 99.2 76.8 115.2



#48

Acenaphthylene

Concen: 47.83 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

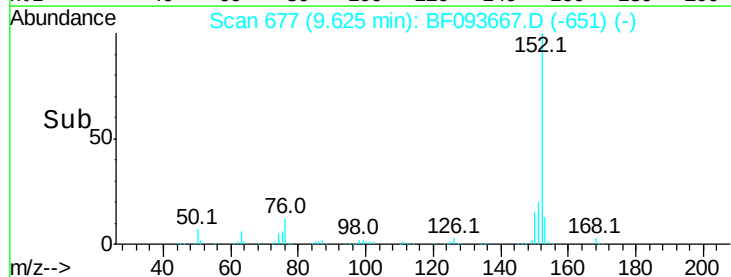
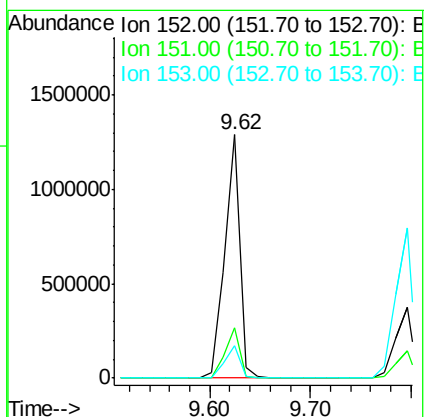
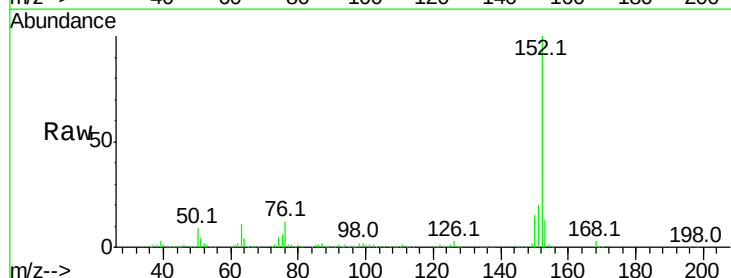
Tgt Ion: 152 Resp: 1328316

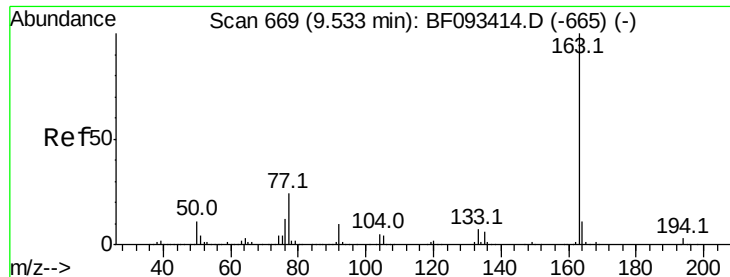
Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

153 13.4 11.4 17.2





#49

Dimethylphthalate

Concen: 50.54 ng

RT: 9.50 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

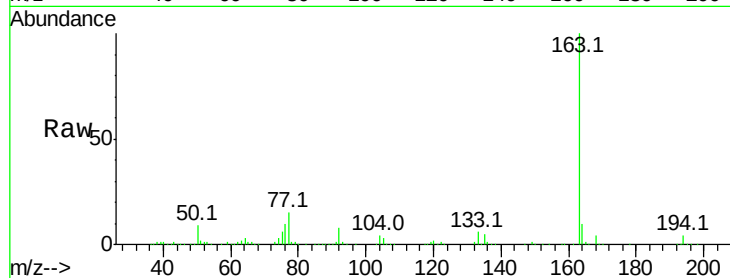
Tot Ion:163 Resp: 1011832

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

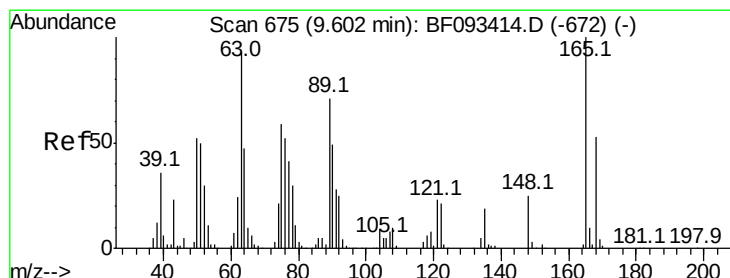
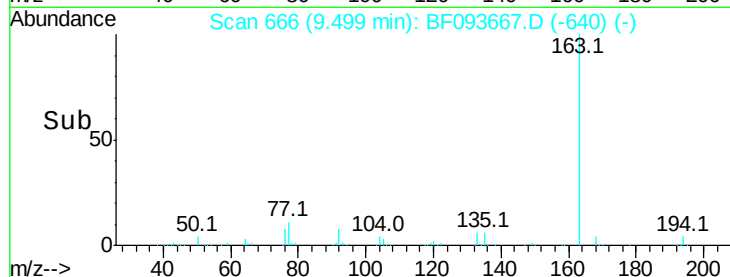
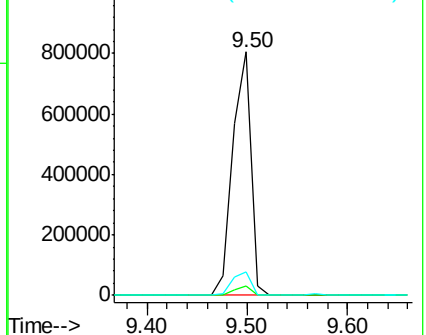
164 9.8 8.0 12.0



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: 51.45 ng

RT: 9.57 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

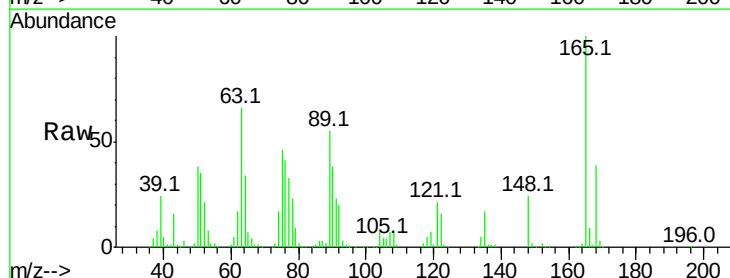
Tgt Ion:165 Resp: 226027

Ion Ratio Lower Upper

165 100

63 66.4 36.2 54.4#

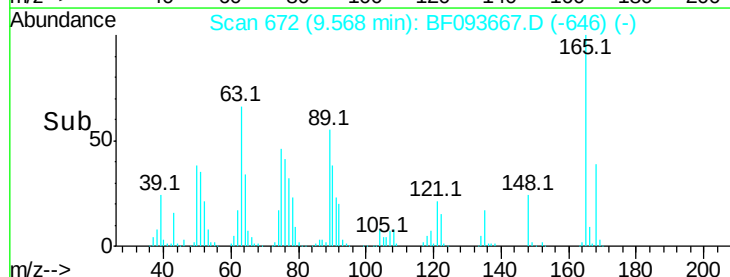
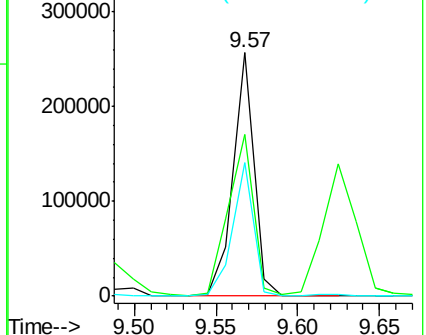
89 54.8 40.2 60.4

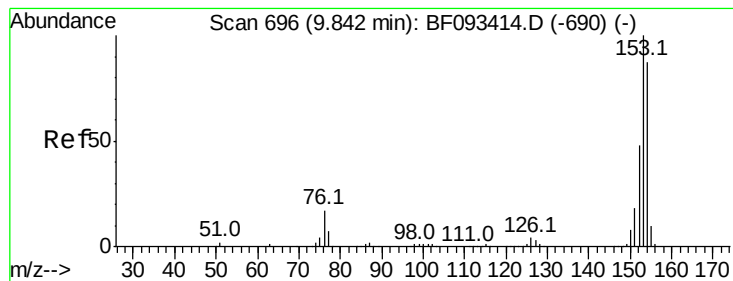


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.58 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

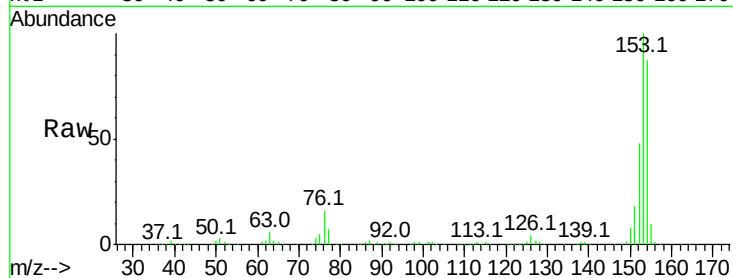
Tot Ion:154 Resp: 797904

Ion Ratio Lower Upper

154 100

153 115.4 88.6 133.0

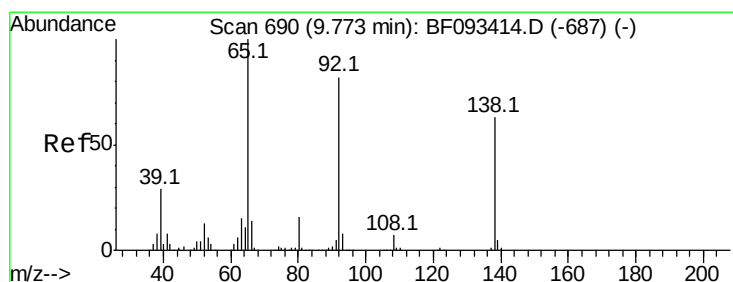
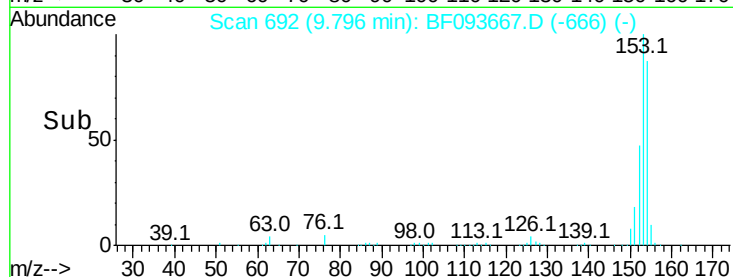
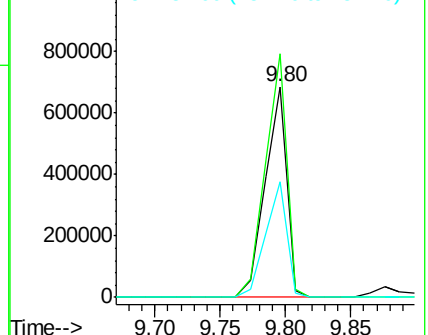
152 54.9 41.6 62.4



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: 24.92 ng

RT: 9.75 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

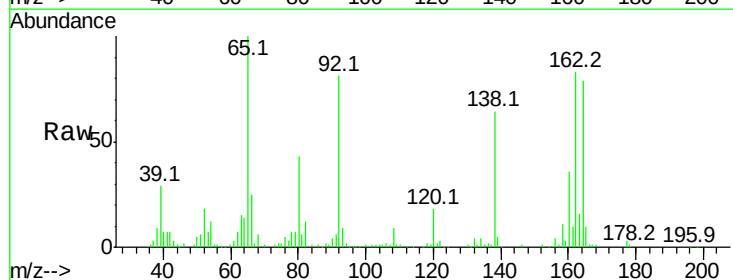
Tgt Ion:138 Resp: 131540

Ion Ratio Lower Upper

138 100

108 13.6 8.5 12.7#

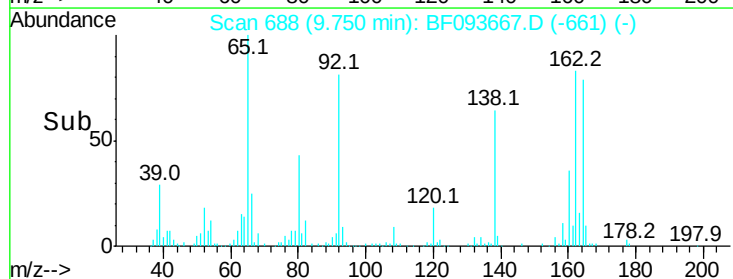
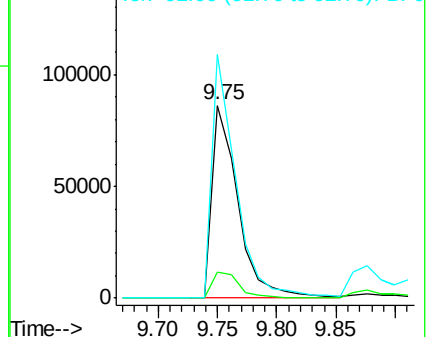
92 126.2 97.8 146.8

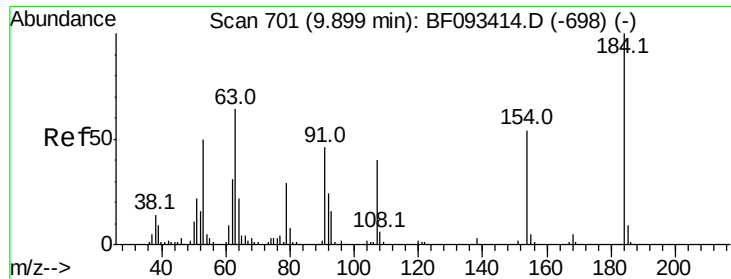


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

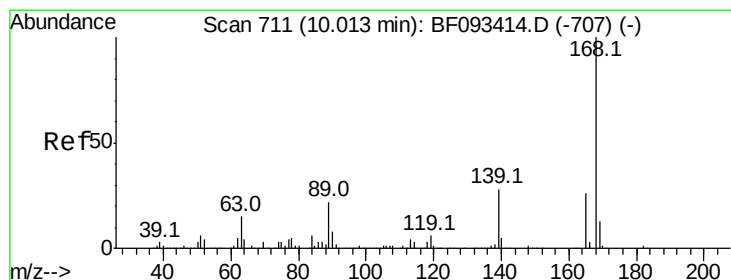
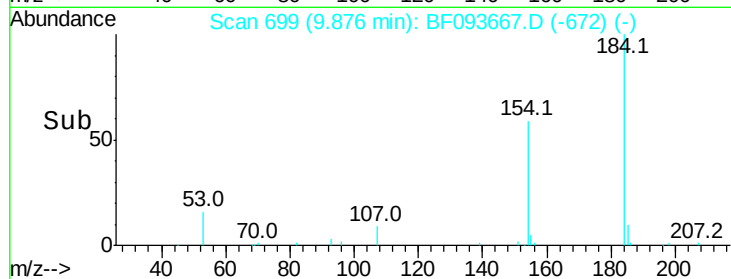
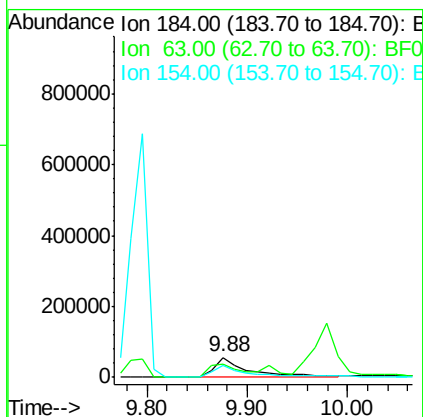
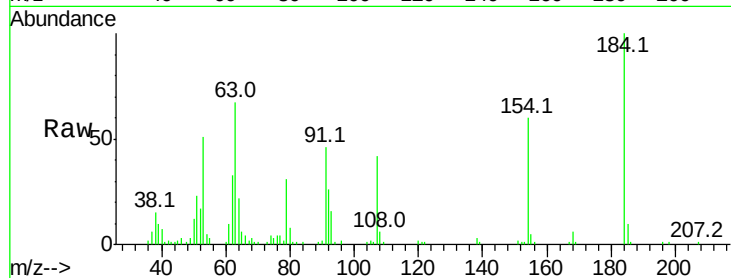




#53
 2,4-Dinitrophenol
 Concen: 68.02 ng
 RT: 9.88 min Scan# 699
 Delta R.T. 0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

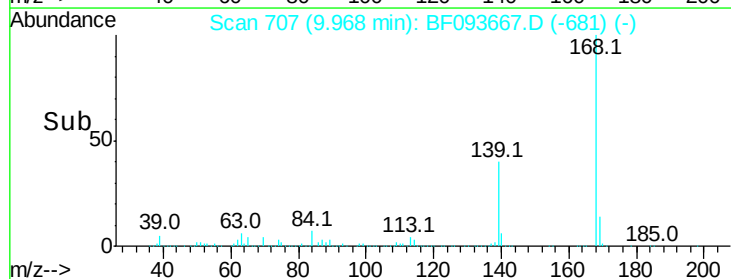
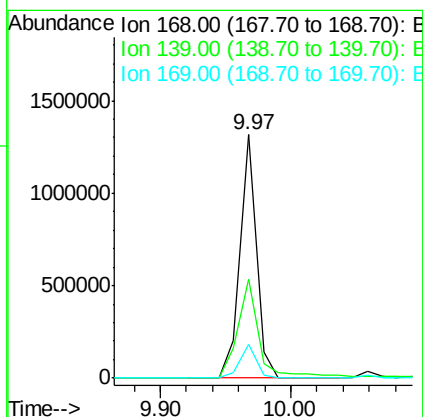
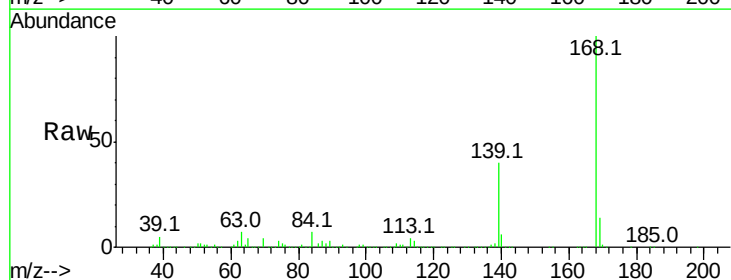
Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

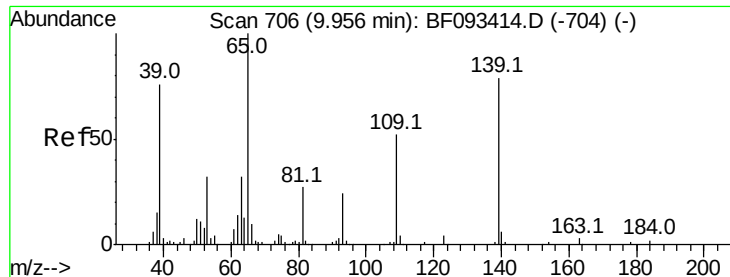
Tot Ion:184 Resp: 136083
 Ion Ratio Lower Upper
 184 100
 63 66.6 28.4 42.6#
 154 59.9 44.3 66.5



#54
 Dibenzofuran
 Concen: 55.70 ng
 RT: 9.97 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion:168 Resp: 1144851
 Ion Ratio Lower Upper
 168 100
 139 40.4 32.6 49.0
 169 13.7 11.3 16.9





#55

4-Nitrophenol

Concen: 254.91 ng

RT: 9.97 min Scan# 707

Delta R.T. 0.03 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

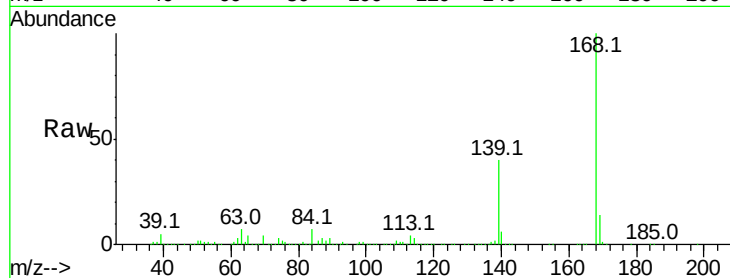
Tot Ion:139 Resp: 653457

Ion Ratio Lower Upper

139 100

109 6.0 52.2 92.2#

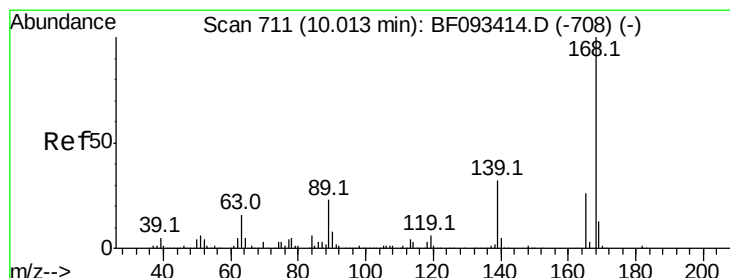
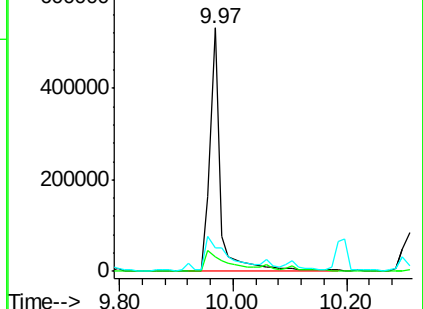
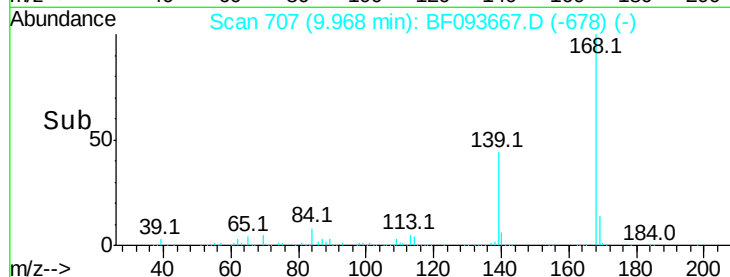
65 9.8 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 54.28 ng

RT: 9.98 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Tgt Ion:165 Resp: 292924

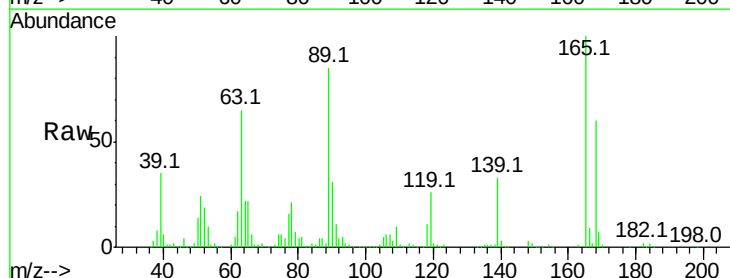
Ion Ratio Lower Upper

165 100

63 65.0 40.2 60.4#

89 85.3 62.5 93.7

182 2.3 1.8 2.8

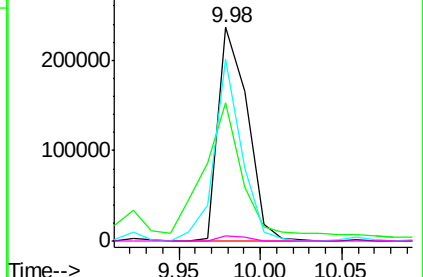
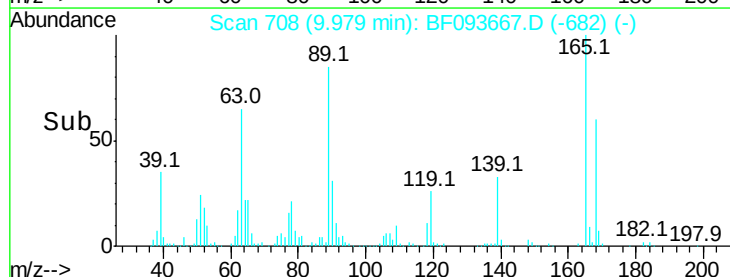


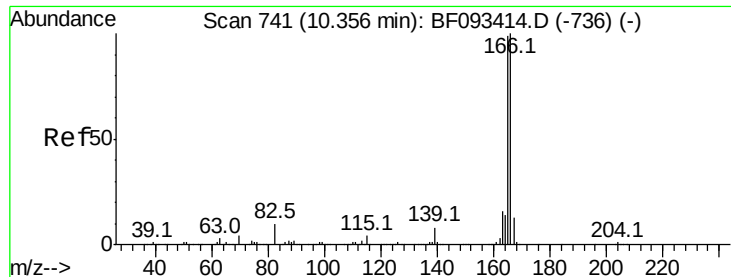
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

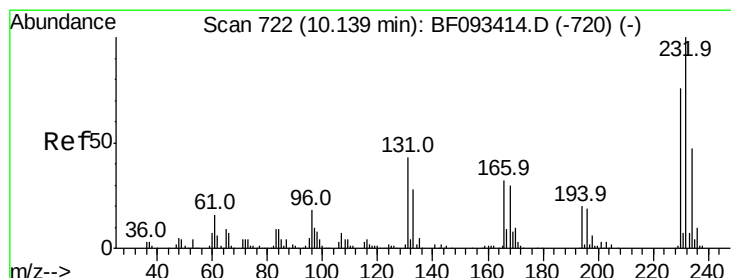
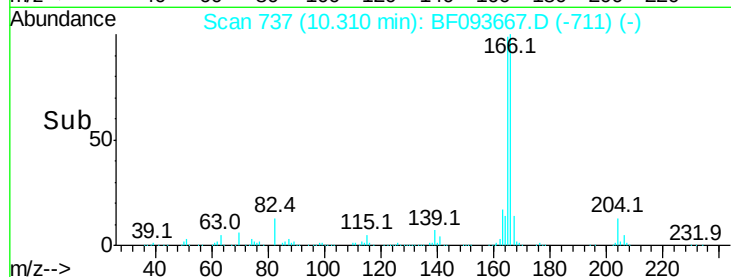
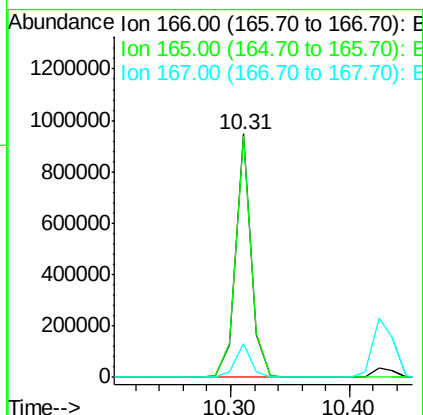
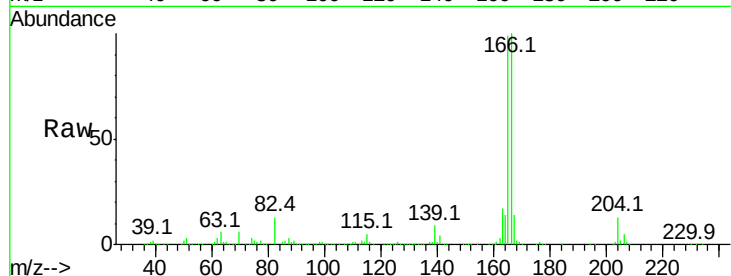




#57
 Fluorene
 Concen: 49.53 ng
 RT: 10.31 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

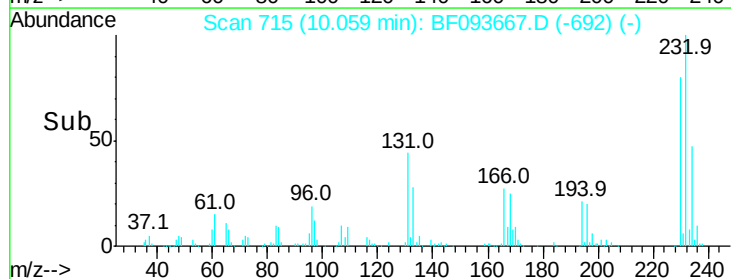
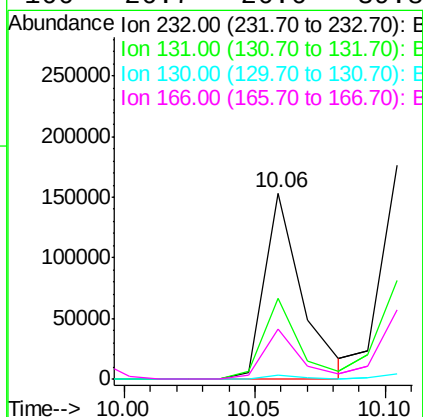
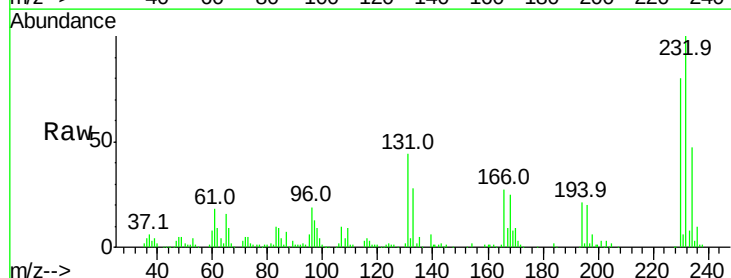
Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

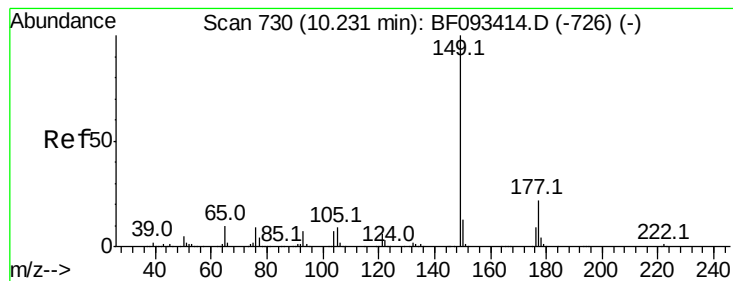
Tot Ion:166 Resp: 862730
 Ion Ratio Lower Upper
 166 100
 165 99.1 77.8 116.8
 167 13.6 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.38 ng
 RT: 10.06 min Scan# 715
 Delta R.T. -0.03 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion:232 Resp: 153625
 Ion Ratio Lower Upper
 232 100
 131 42.4 40.1 60.1
 130 2.3 1.8 2.8
 166 26.7 26.6 39.8





#59

Diethylphthalate

Concen: 52.13 ng

RT: 10.20 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

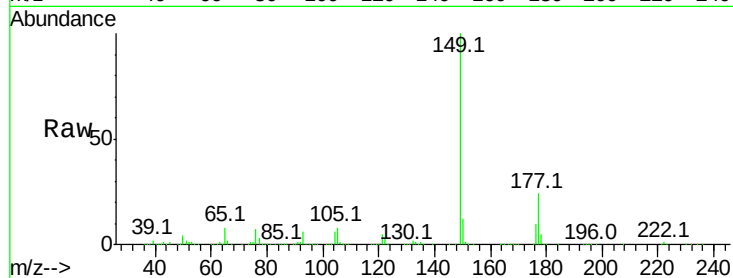
Tot Ion:149 Resp: 997407

Ion Ratio Lower Upper

149 100

177 23.9 16.6 25.0

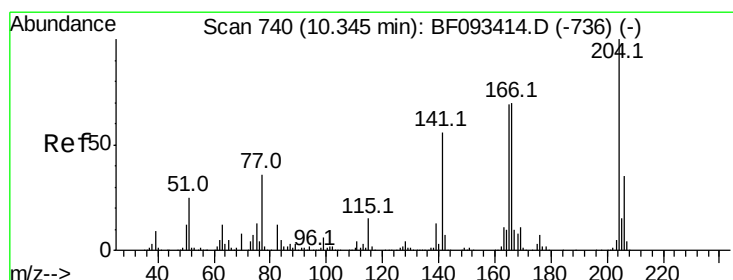
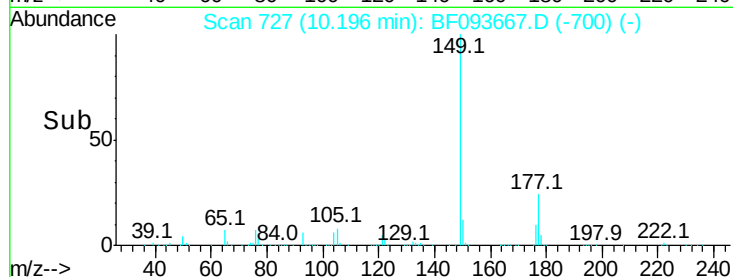
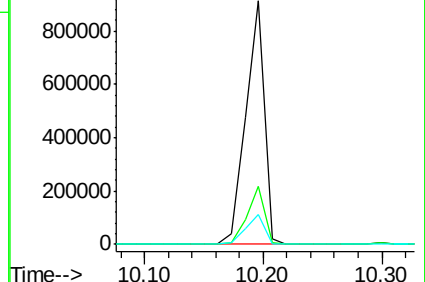
150 12.5 10.4 15.6



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: 50.67 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

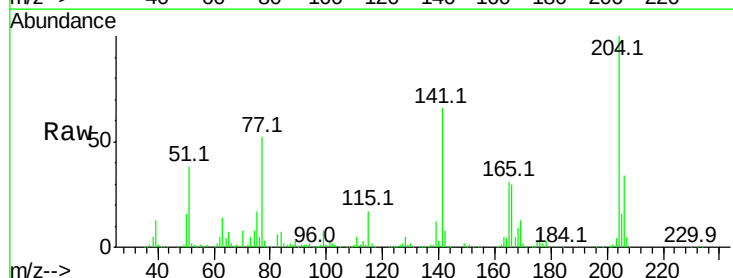
Tgt Ion:204 Resp: 395580

Ion Ratio Lower Upper

204 100

206 34.5 25.8 38.6

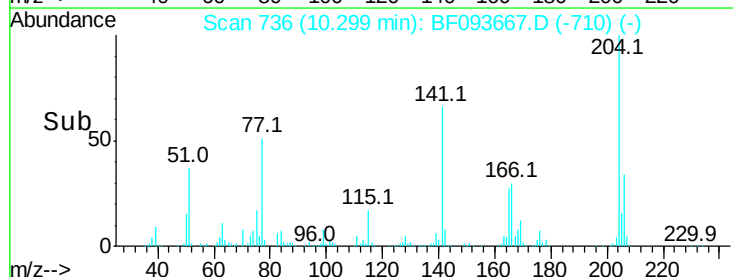
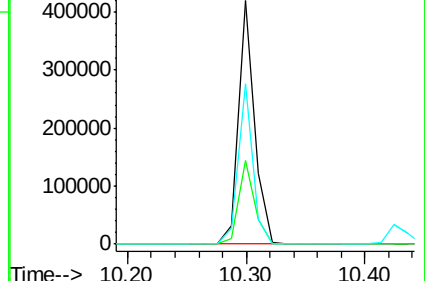
141 65.7 59.4 89.0

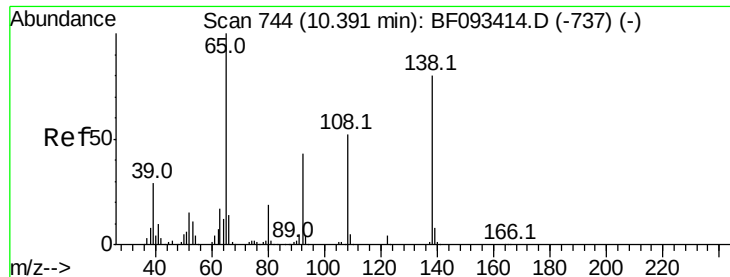


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.44 ng

RT: 10.37 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

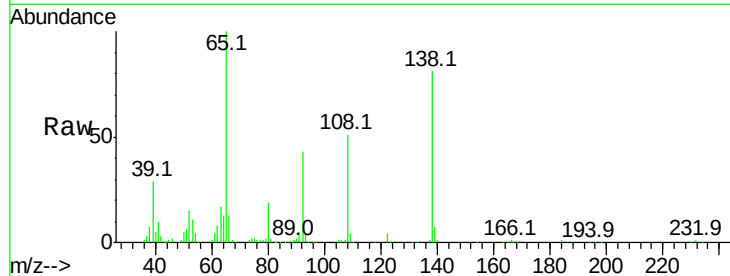
Tot Ion:138 Resp: 207465

Ion Ratio Lower Upper

138 100

92 52.9 31.7 71.7

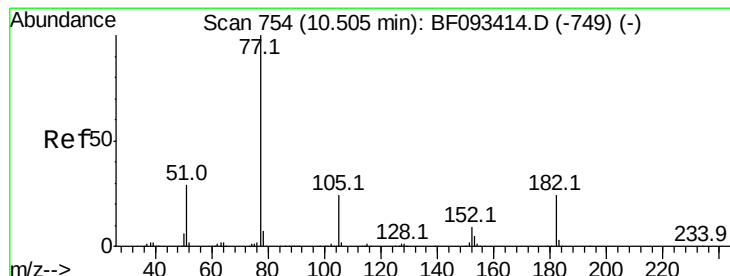
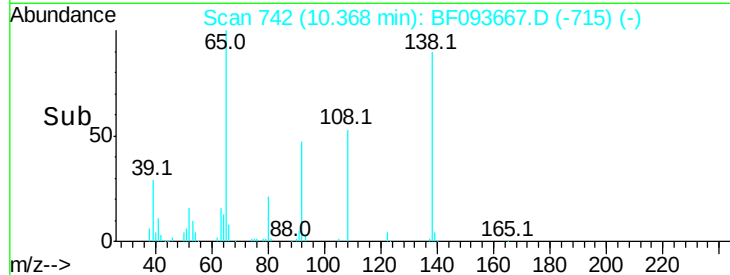
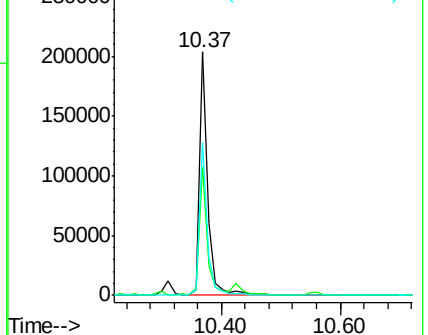
108 62.6 52.6 92.6



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: 48.54 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Tgt Ion: 77 Resp: 1055443

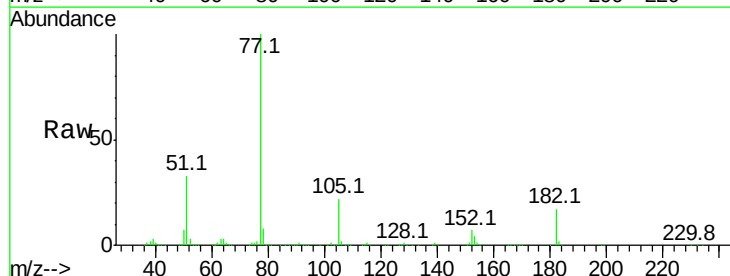
Ion Ratio Lower Upper

77 100

182 17.0 0.0 39.3

105 22.4 2.3 42.3

51 33.4 8.9 48.9

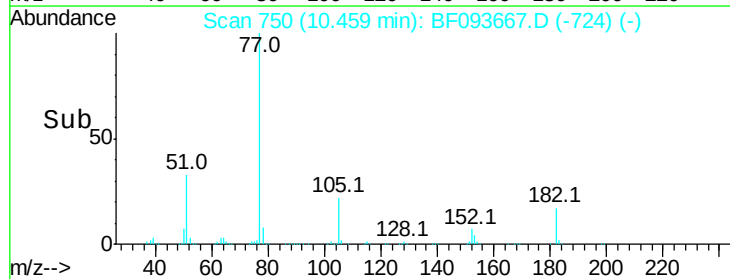
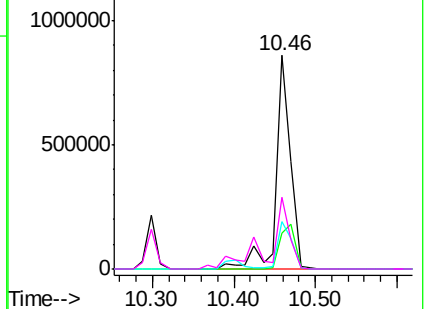


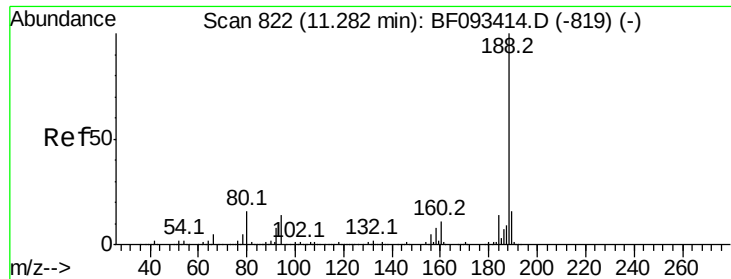
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

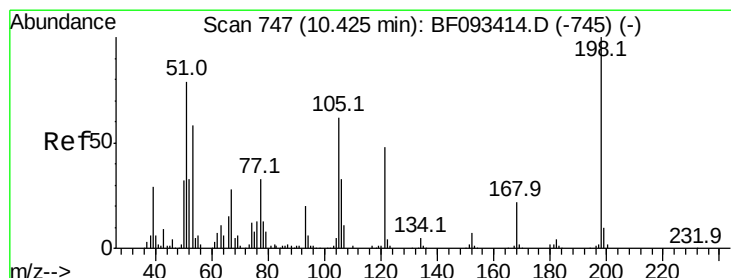
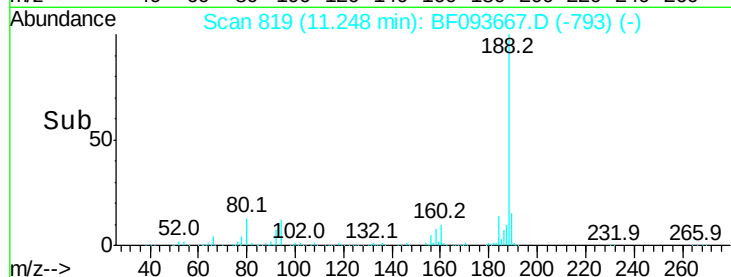
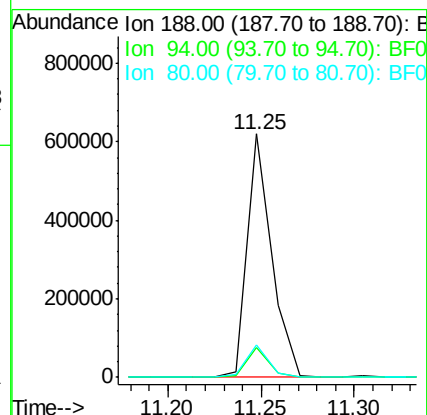
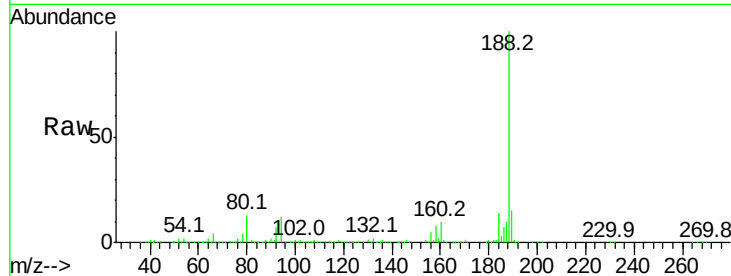




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

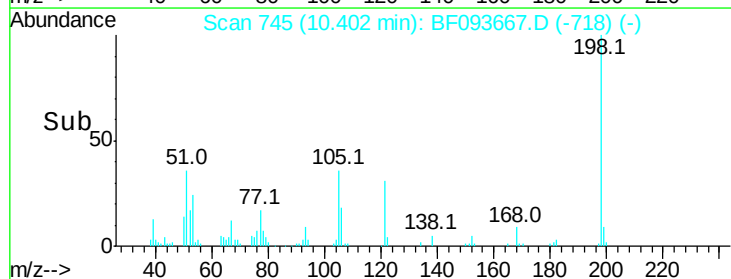
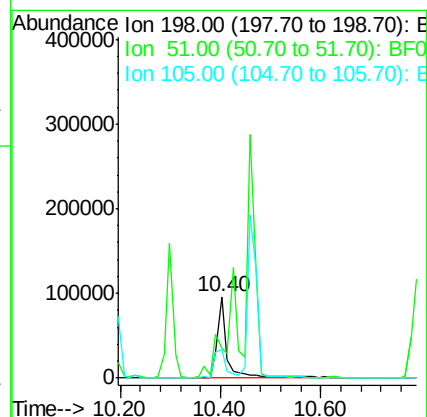
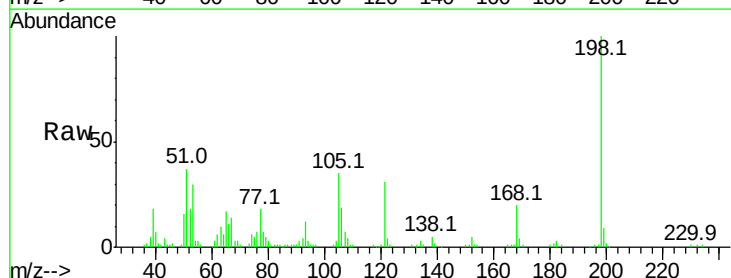
Instrument :
BNA_F
ClientSampleId :
PB97589BS

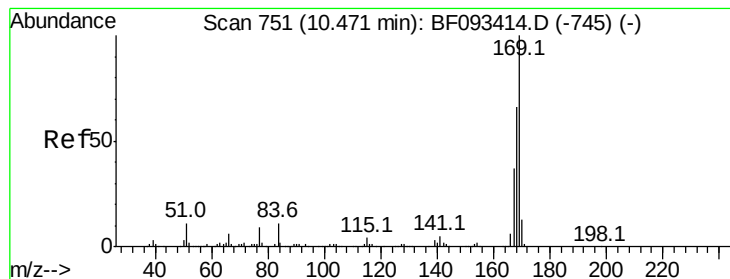
Tot Ion:188 Resp: 565510
Ion Ratio Lower Upper
188 100
94 12.4 10.0 15.0
80 13.1 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 37.48 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

Tgt Ion:198 Resp: 137311
Ion Ratio Lower Upper
198 100
51 37.3 6.7 46.7
105 35.1 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 40.39 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

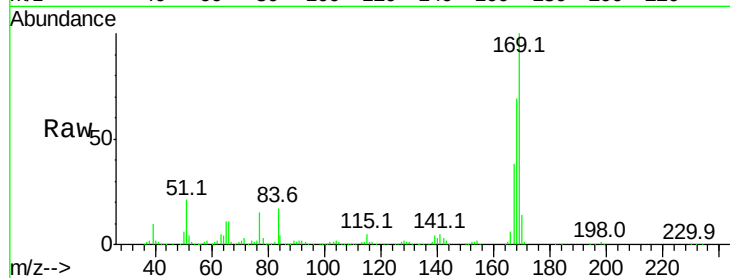
Tot Ion:169 Resp: 762608

Ion Ratio Lower Upper

169 100

168 68.7 54.2 81.2

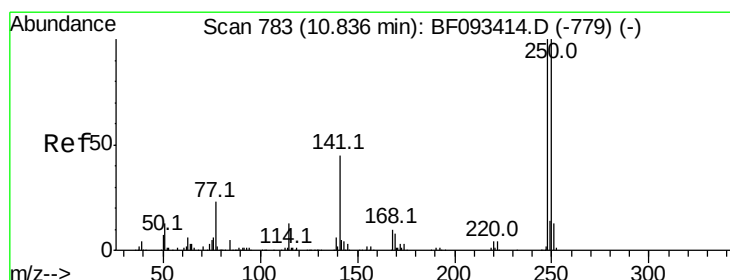
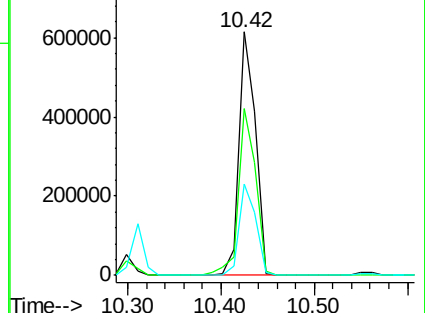
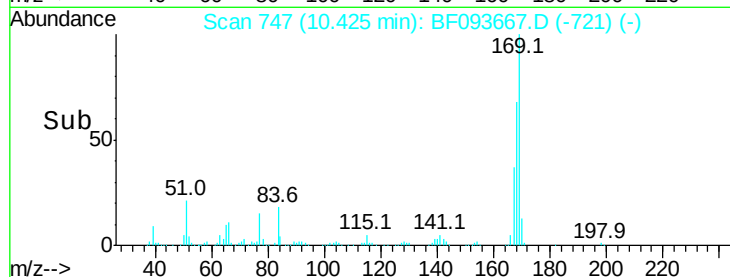
167 37.6 30.2 45.4



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: 41.77 ng

RT: 10.79 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

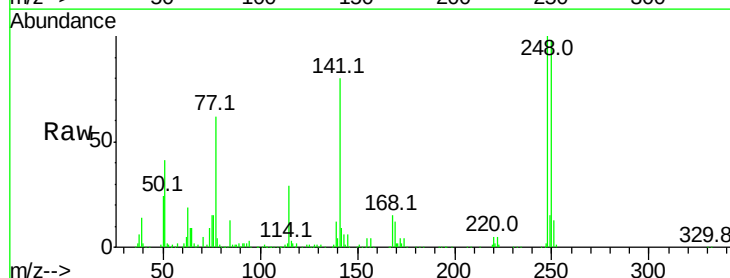
Tgt Ion:248 Resp: 249765

Ion Ratio Lower Upper

248 100

250 97.8 76.9 115.3

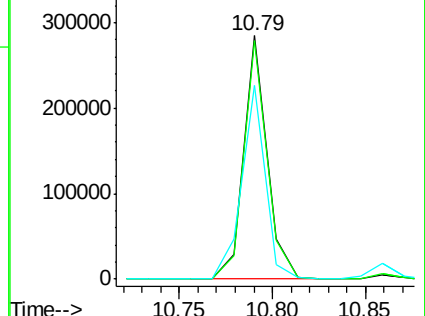
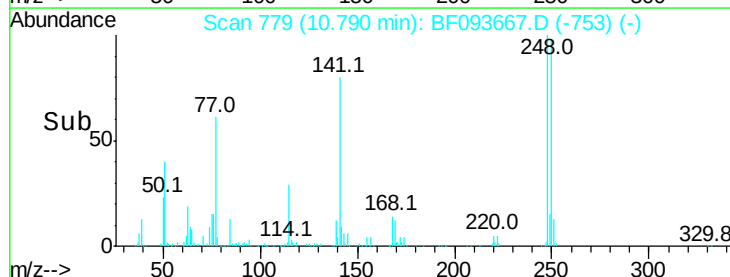
141 79.6 68.2 102.4

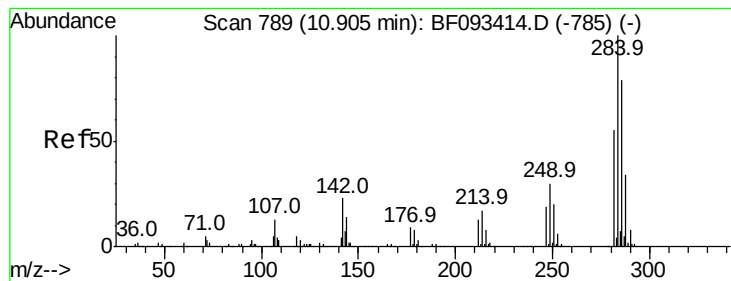


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.56 ng

RT: 10.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

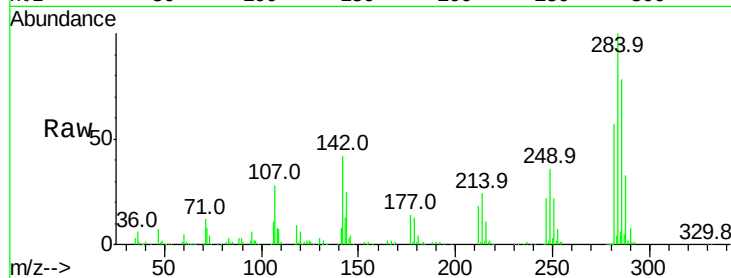
Tot Ion:284 Resp: 243042

Ion Ratio Lower Upper

284 100

142 42.2 22.6 33.8#

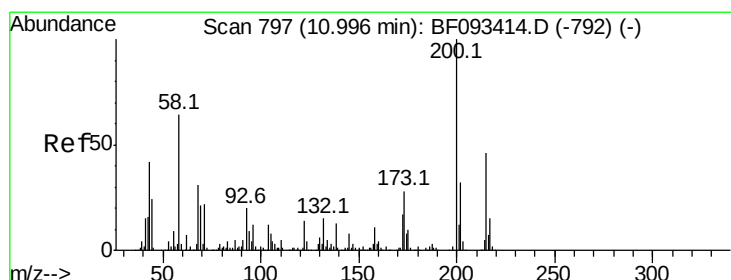
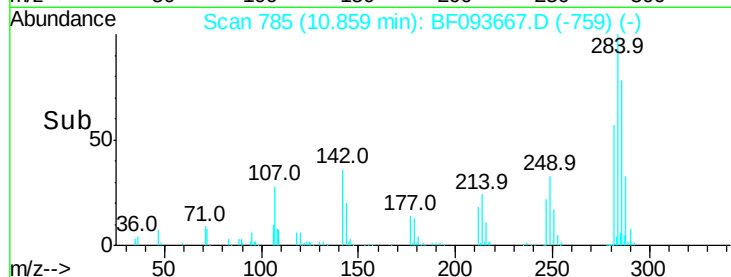
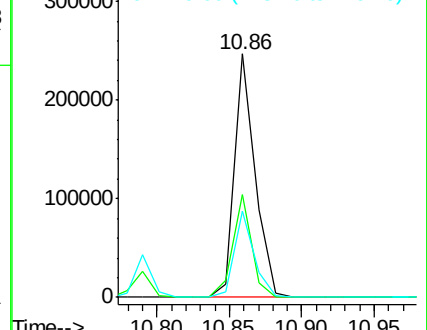
249 35.6 25.4 38.0



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: 40.72 ng

RT: 10.96 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

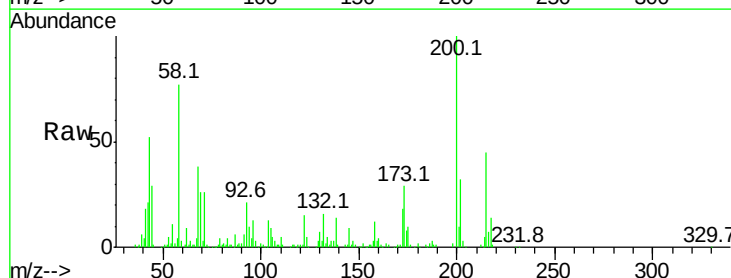
Tgt Ion:200 Resp: 225035

Ion Ratio Lower Upper

200 100

173 29.2 9.6 49.6

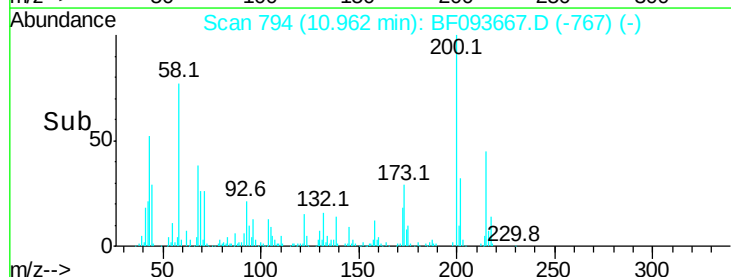
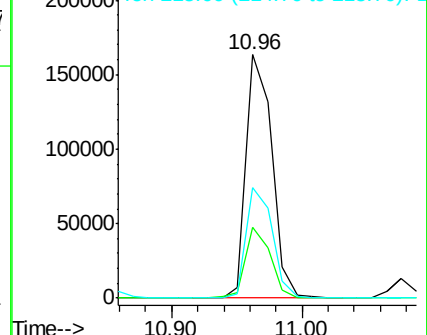
215 45.4 25.7 65.7

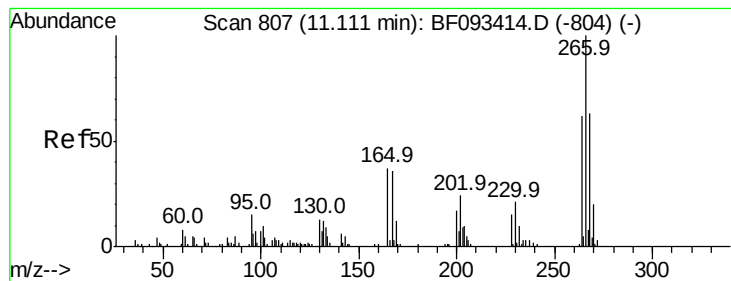


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 58.53 ng

RT: 11.08 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

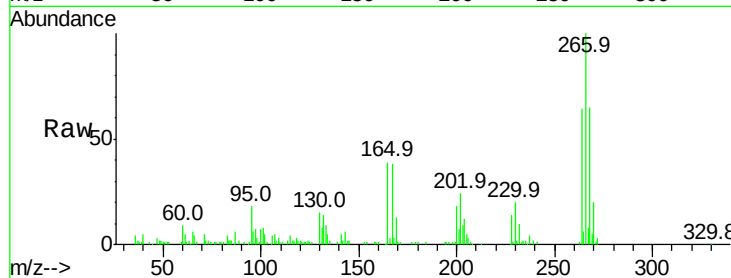
Tot Ion:266 Resp: 115388

Ion Ratio Lower Upper

266 100

268 64.5 53.3 79.9

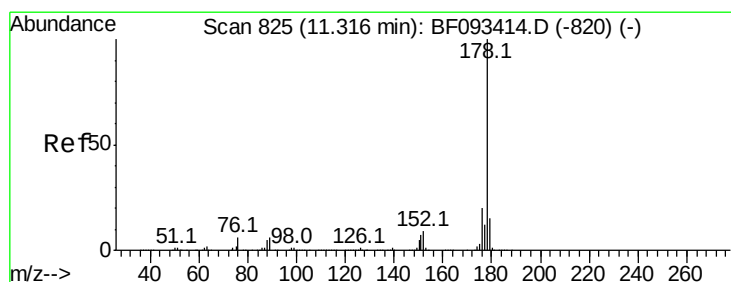
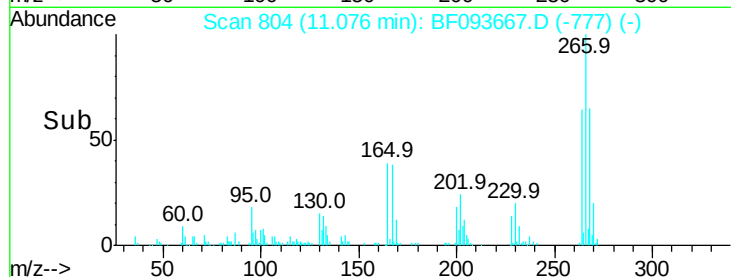
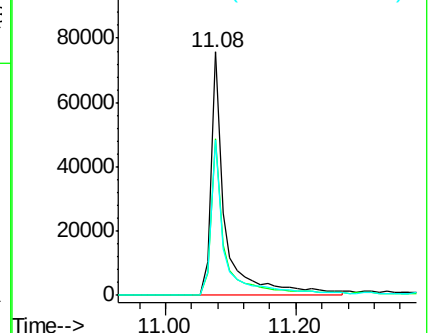
264 63.8 50.3 75.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.38 ng

RT: 11.27 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

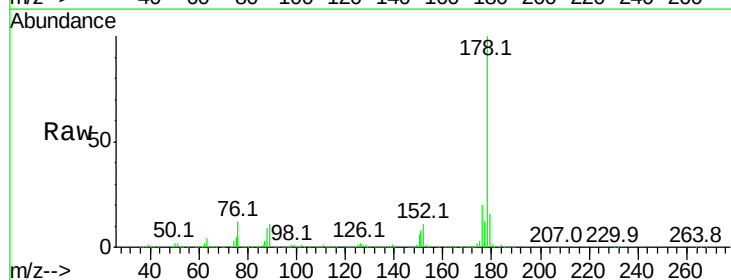
Tgt Ion:178 Resp: 1271021

Ion Ratio Lower Upper

178 100

176 19.9 16.6 25.0

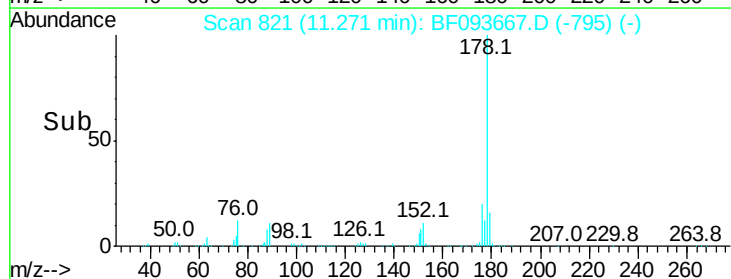
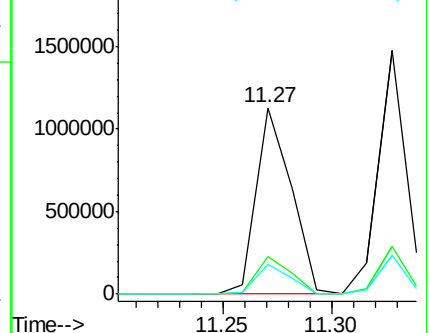
179 16.0 12.8 19.2

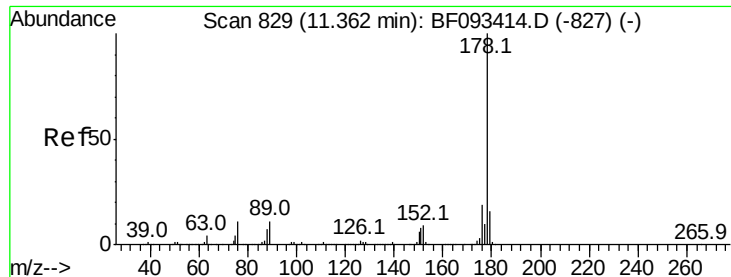


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 41.60 ng

RT: 11.33 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

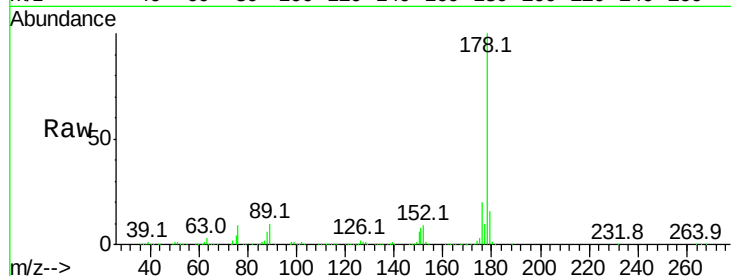
Tot Ion:178 Resp: 1358315

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

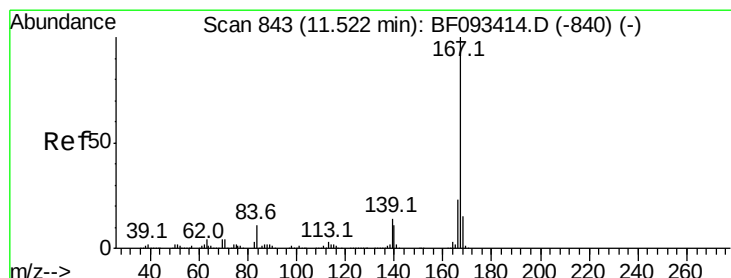
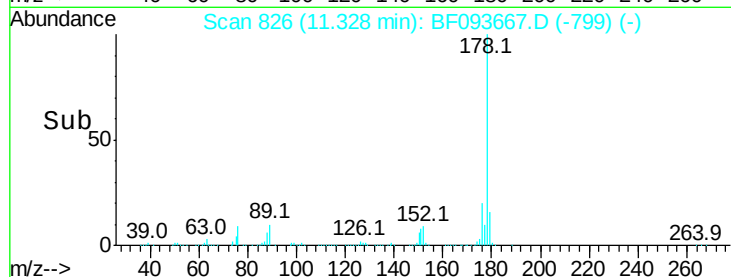
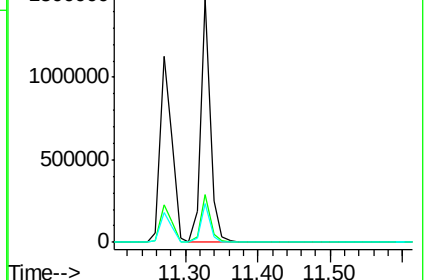
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.86 ng

RT: 11.50 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

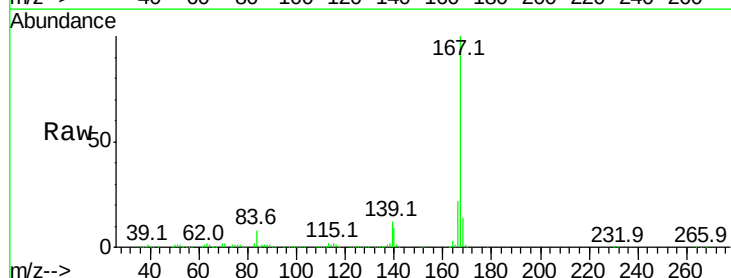
Tgt Ion:167 Resp: 1253363

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

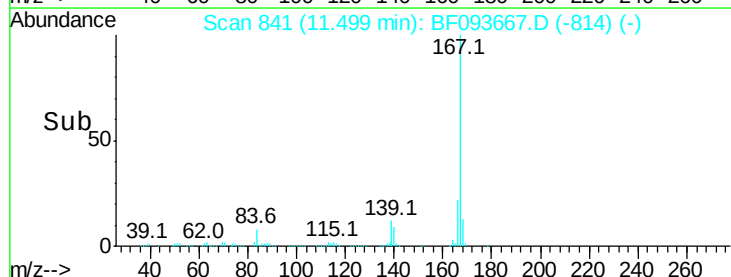
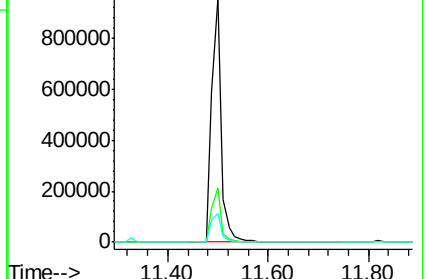
139 11.5 11.4 17.2

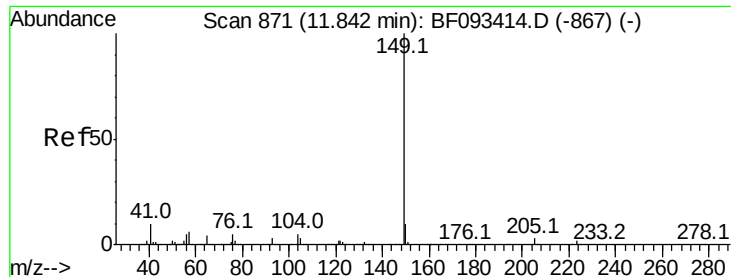


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.67 ng

RT: 11.82 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

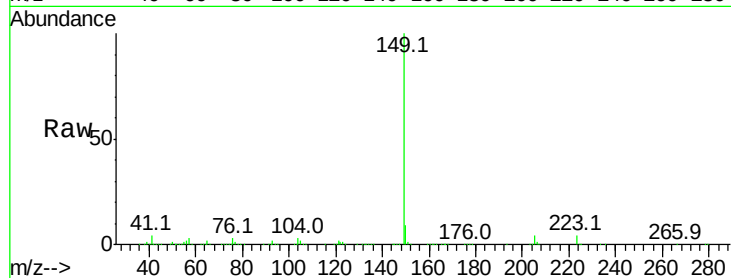
Tot Ion:149 Resp: 1514385

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

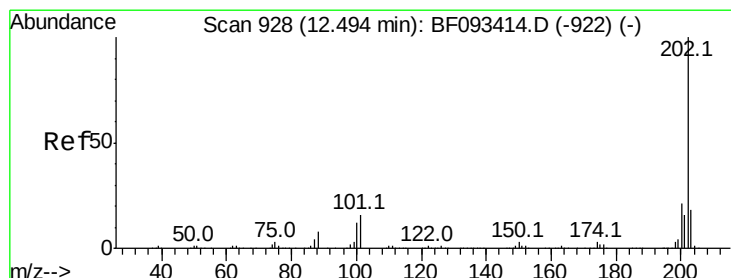
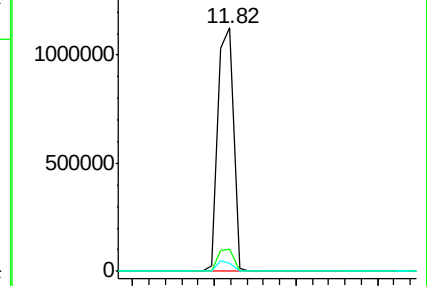
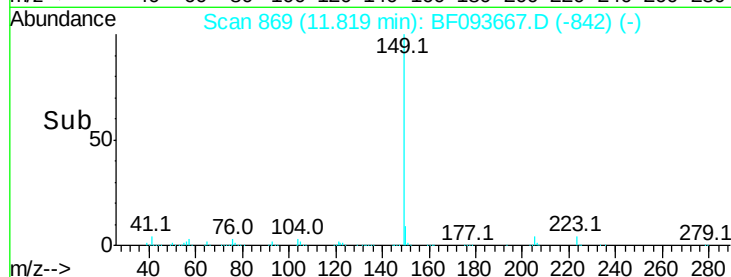
104 3.4 4.6 7.0#



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: 45.07 ng

RT: 12.47 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

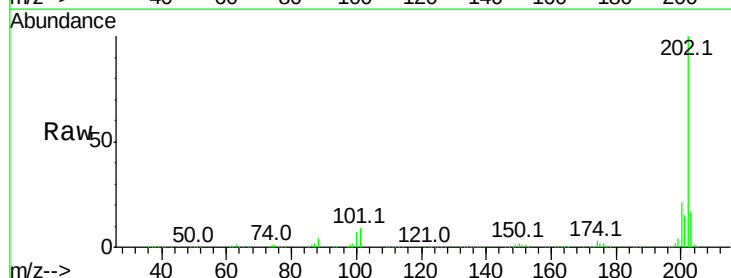
Tgt Ion:202 Resp: 1405187

Ion Ratio Lower Upper

202 100

101 9.0 0.0 34.6

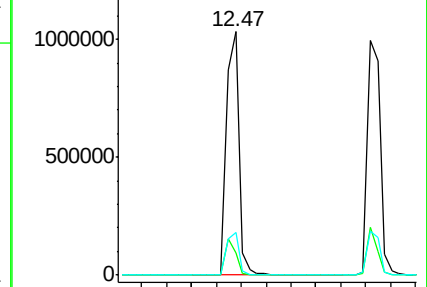
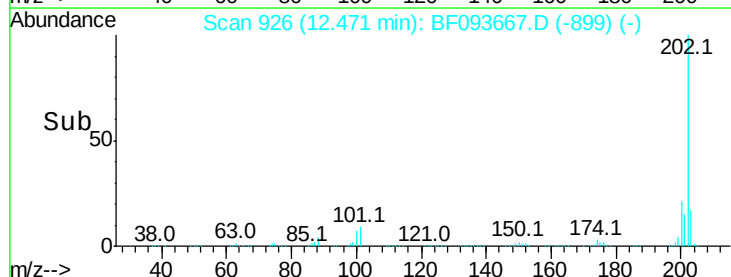
203 17.4 0.0 38.7

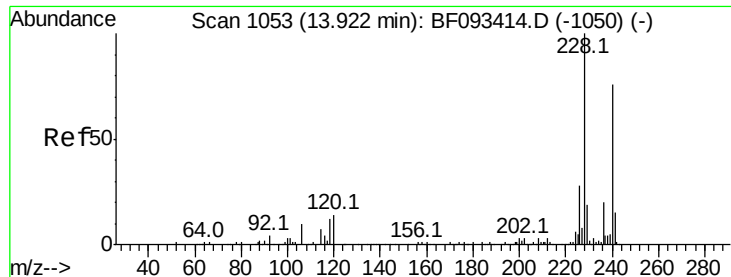


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

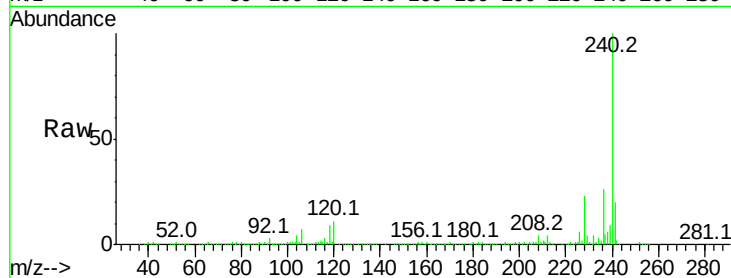
Tot Ion:240 Resp: 472687

Ion Ratio Lower Upper

240 100

120 10.7 12.9 19.3#

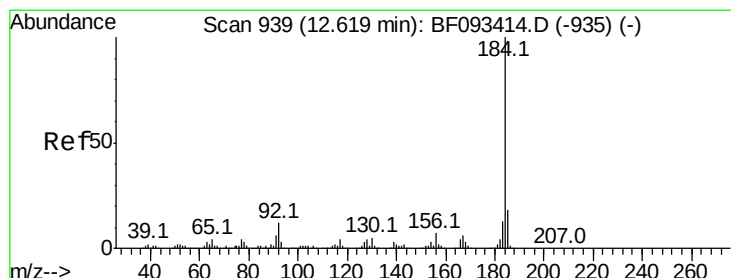
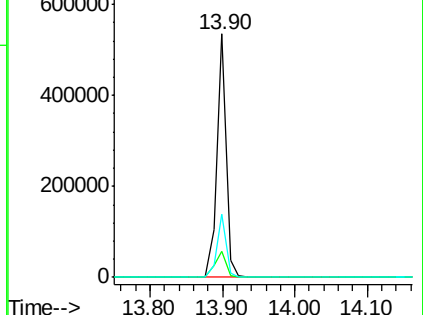
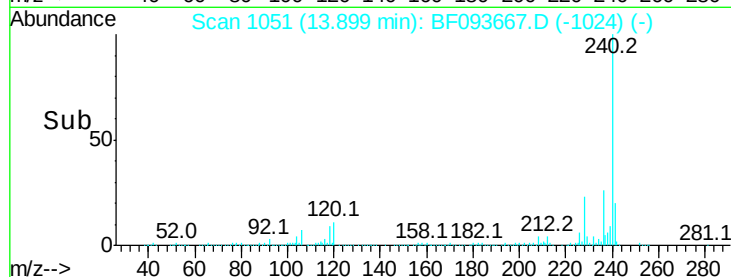
236 26.0 20.9 31.3



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: 27.68 ng

RT: 12.61 min Scan# 938

Delta R.T. 0.02 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

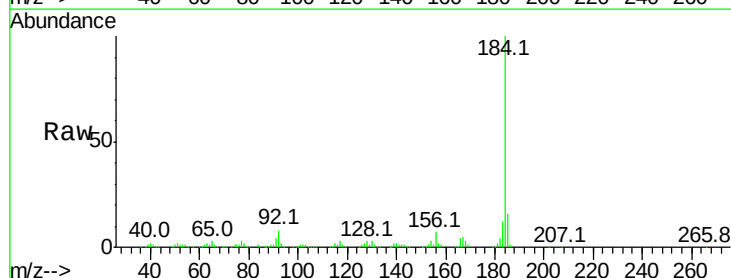
Tgt Ion:184 Resp: 430209

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.0

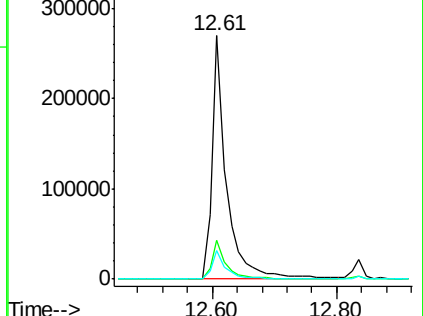
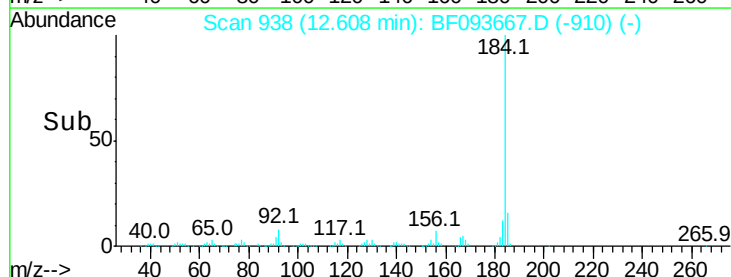
183 11.7 9.2 13.8

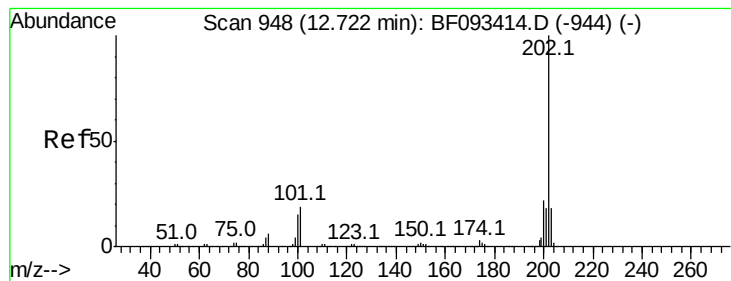


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.67 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

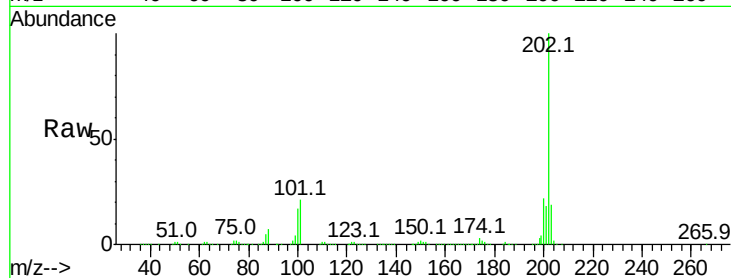
Tot Ion:202 Resp: 1398109

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

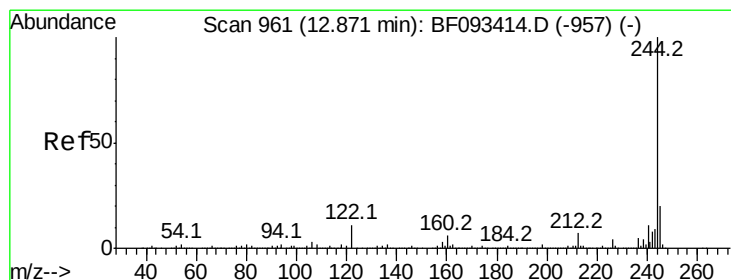
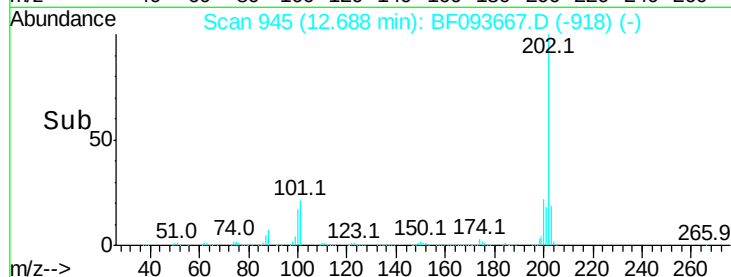
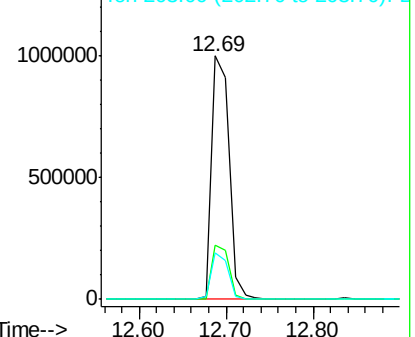
203 18.8 14.7 22.1



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: 78.23 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

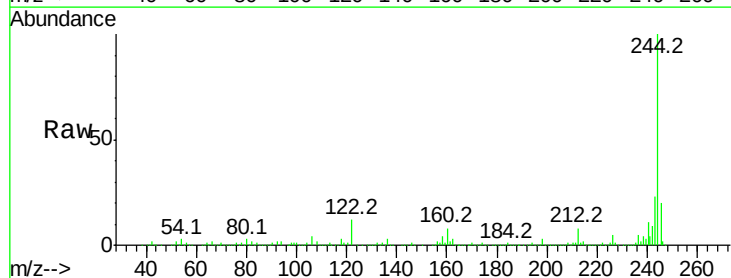
Tgt Ion:244 Resp: 1422310

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

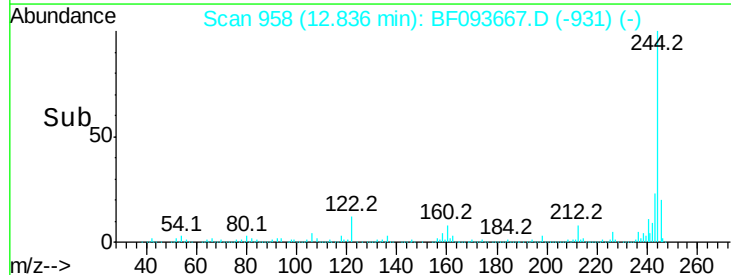
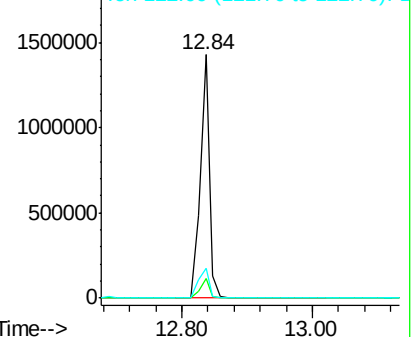
122 12.5 11.4 17.2

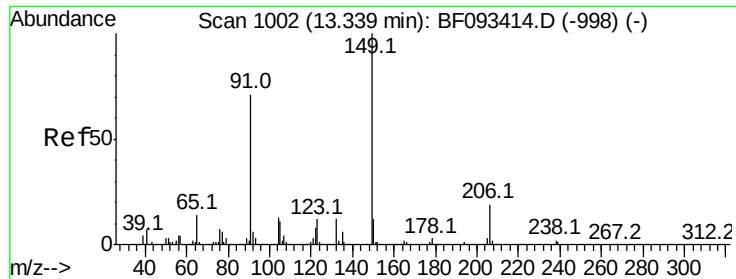


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

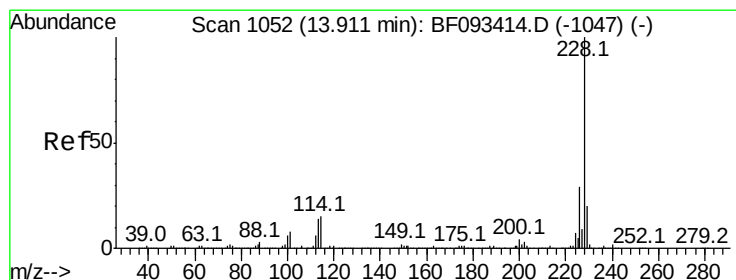
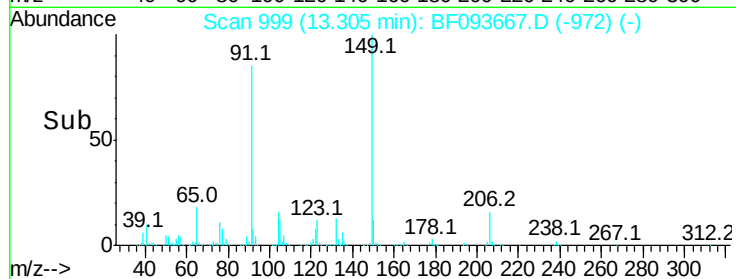
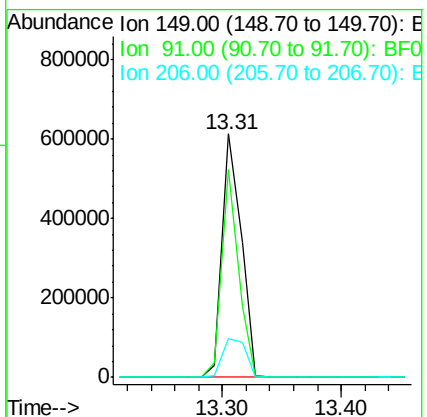
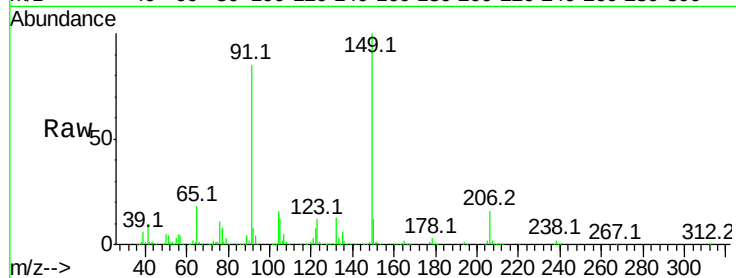




#79
Butylbenzylphthalate
Concen: 47.01 ng
RT: 13.31 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

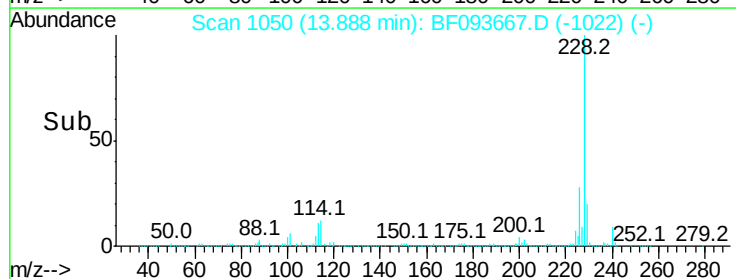
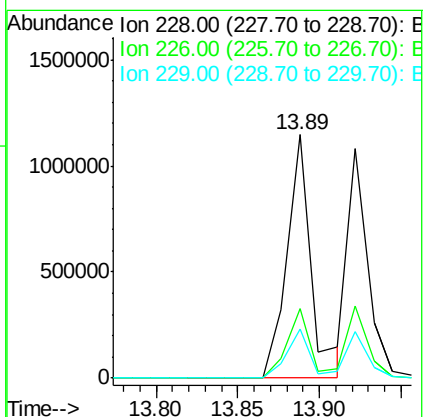
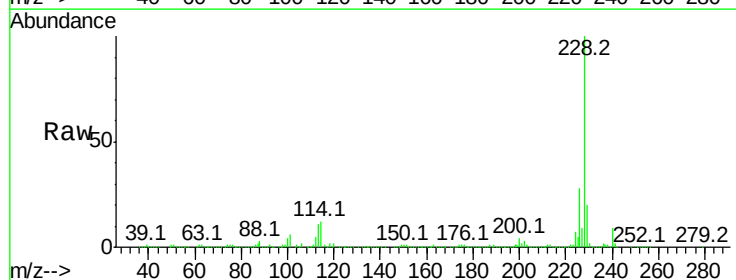
Instrument :
BNA_F
ClientSampleId :
PB97589BS

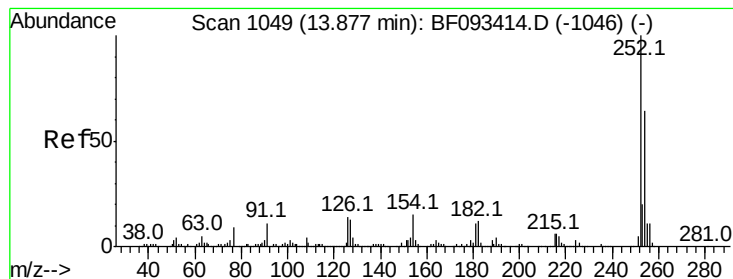
Tot Ion:149 Resp: 680378
Ion Ratio Lower Upper
149 100
91 85.4 63.9 95.9
206 15.8 14.6 21.8



#80
Benzo(a)anthracene
Concen: 42.82 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.02 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

Tgt Ion:228 Resp: 1195357
Ion Ratio Lower Upper
228 100
226 28.5 22.4 33.6
229 20.0 16.2 24.4

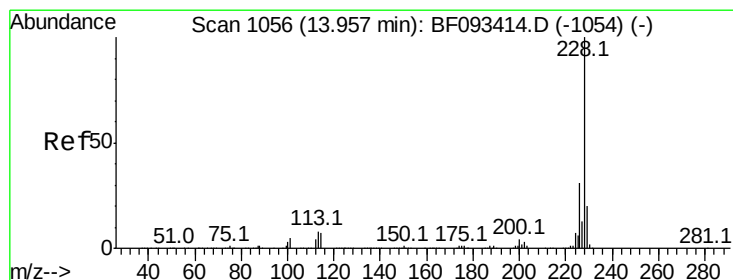
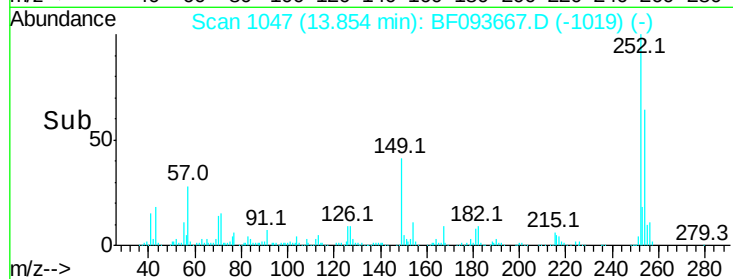
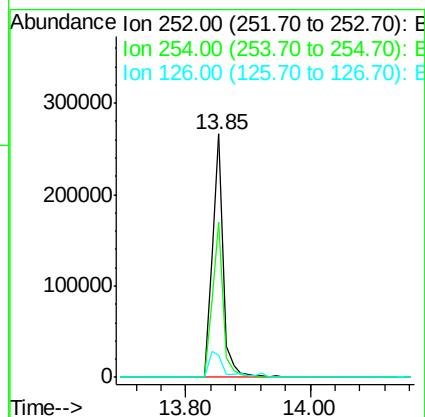
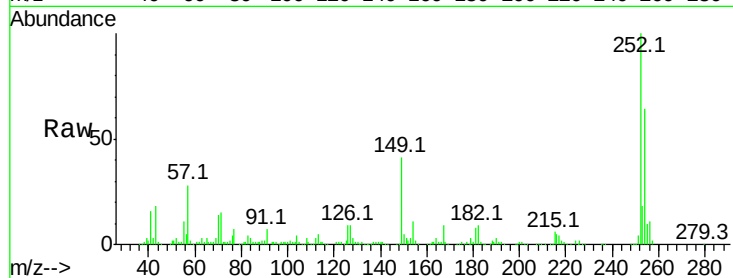




#81
 3,3'-Dichlorobenzidine
 Concen: 32.72 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. 0.02 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

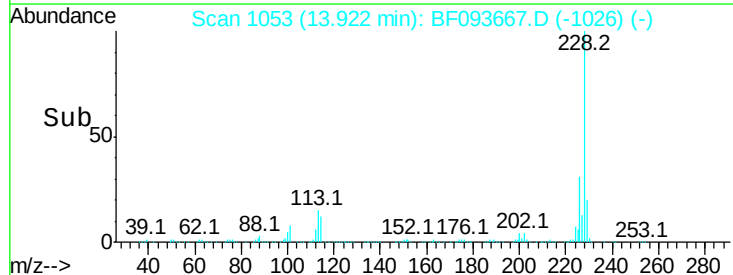
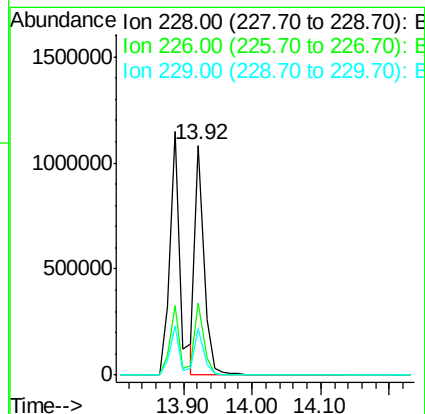
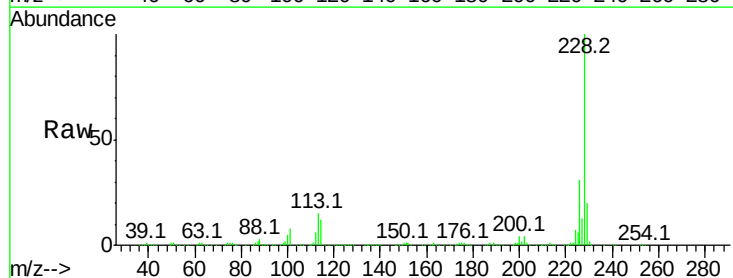
Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

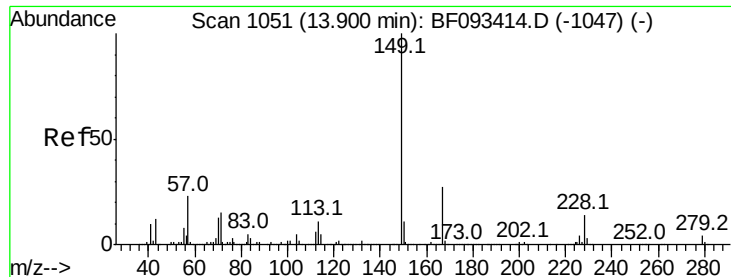
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.3	78.5
126	9.3	13.6	20.4



#82
 Chrysene
 Concen: 37.41 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	20.4	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.49 ng

RT: 13.87 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

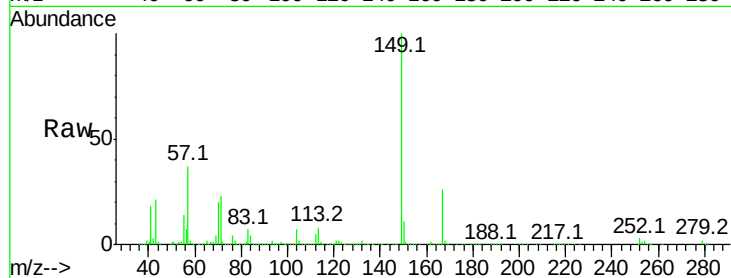
Tot Ion:149 Resp: 937719

Ion Ratio Lower Upper

149 100

167 25.7 20.2 30.4

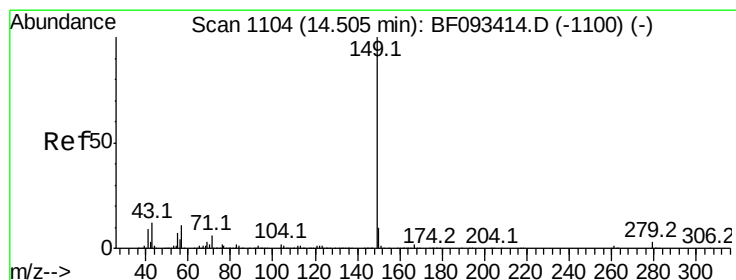
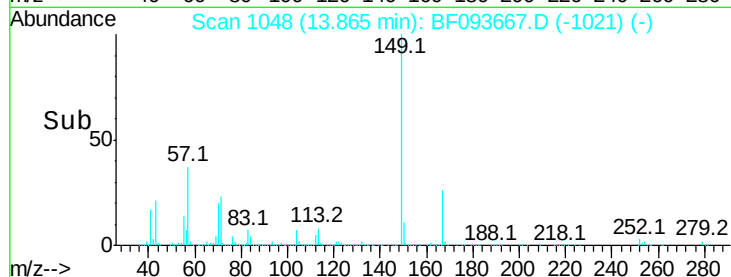
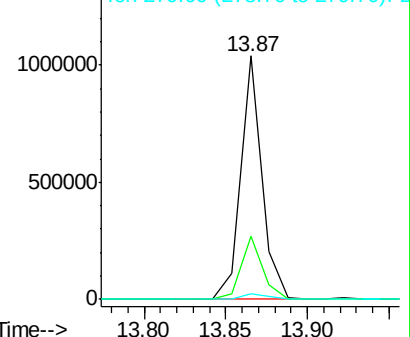
279 2.2 1.8 2.8



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: 45.62 ng

RT: 14.47 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

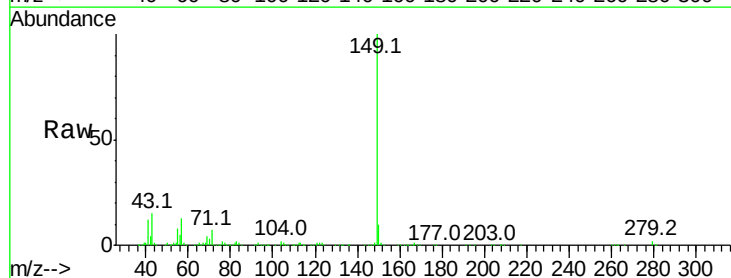
Tgt Ion:149 Resp: 1533647

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

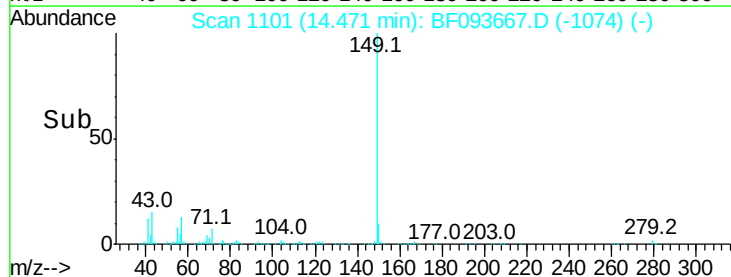
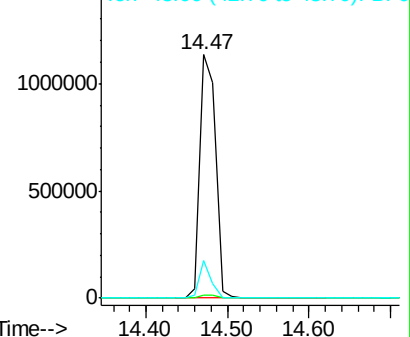
43 11.9 8.9 13.3

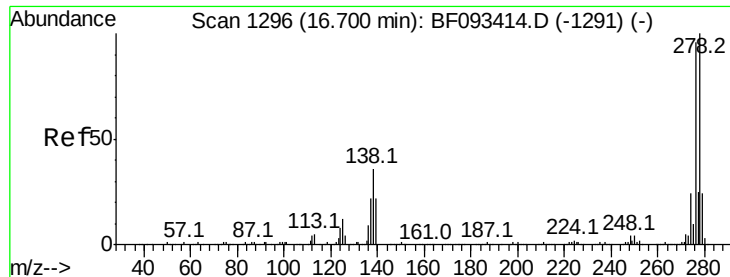


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

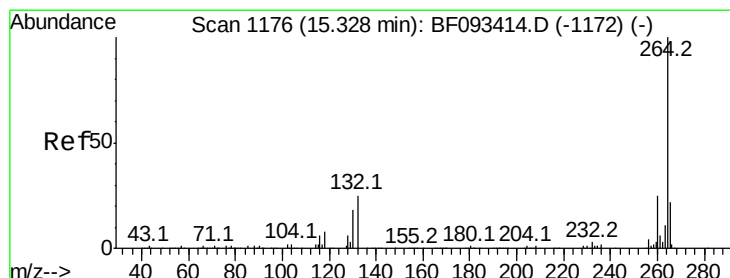
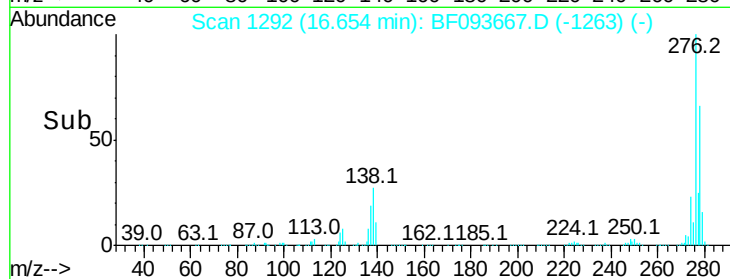
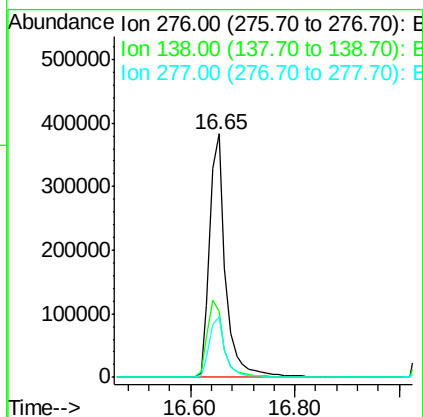
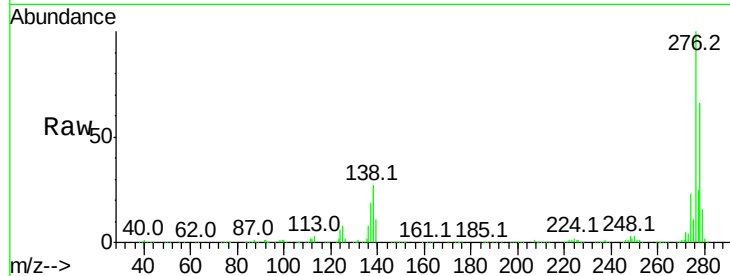




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.79 ng
 RT: 16.65 min Scan# 1292
 Delta R.T. 0.03 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

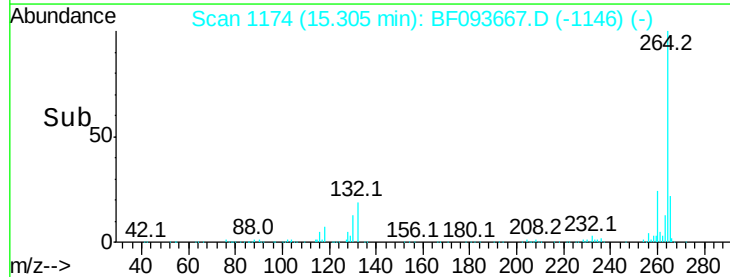
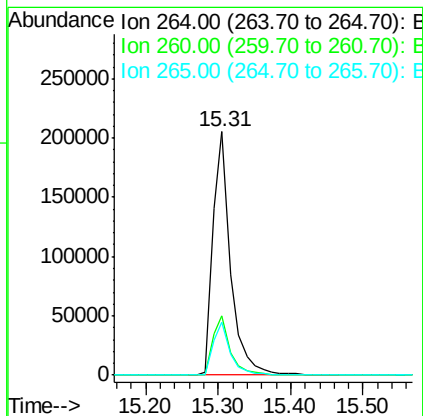
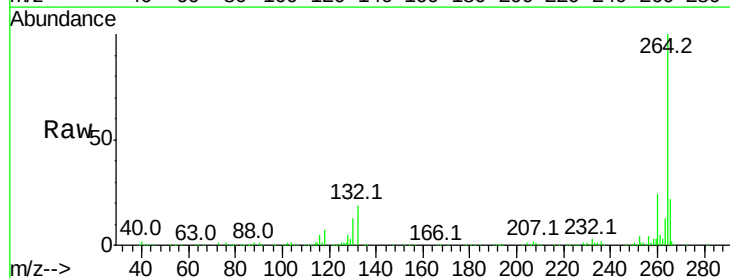
Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

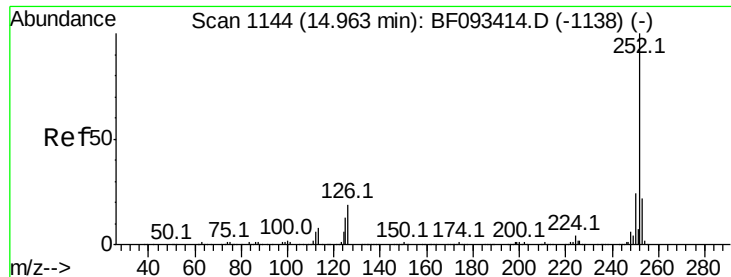
Tot Ion:276 Resp: 816955
 Ion Ratio Lower Upper
 276 100
 138 32.9 21.8 32.6#
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion:264 Resp: 346958
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.9 17.4 26.0

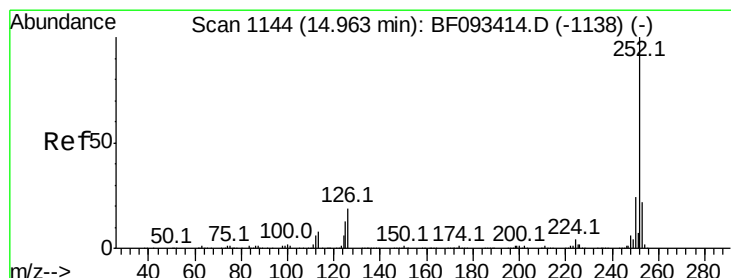
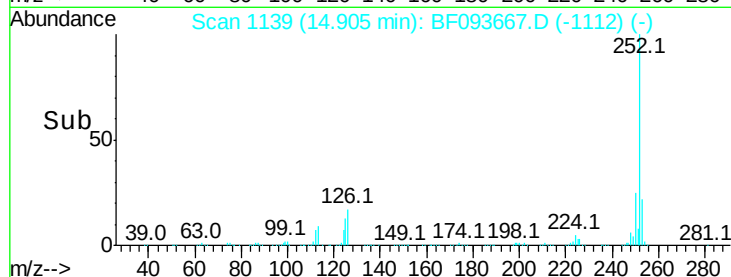
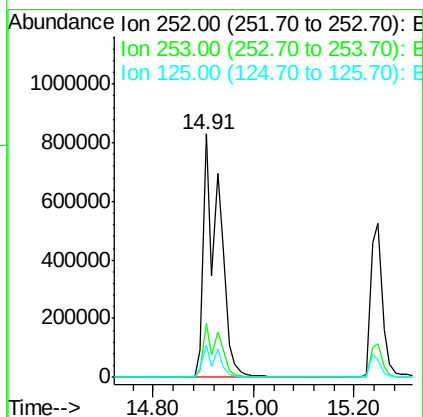
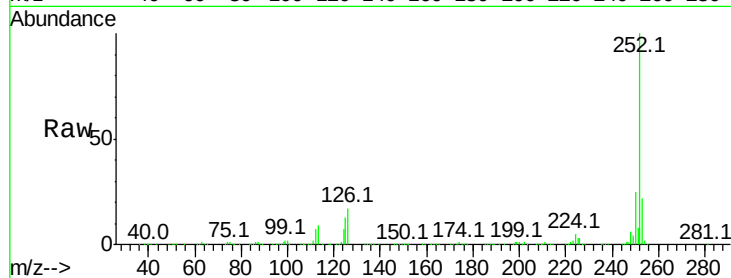




#87
Benzo(b)fluoranthene
Concen: 85.52 ng
RT: 14.91 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

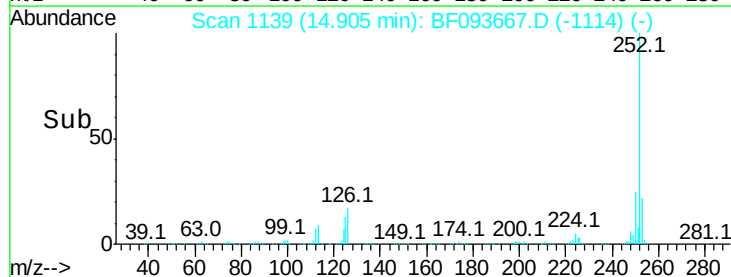
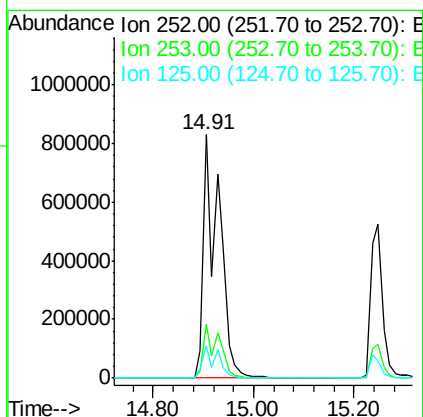
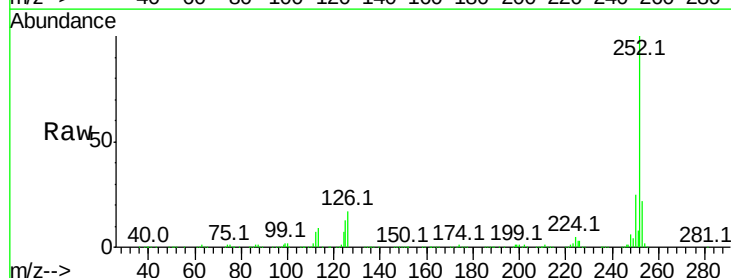
Instrument :
BNA_F
ClientSampleId :
PB97589BS

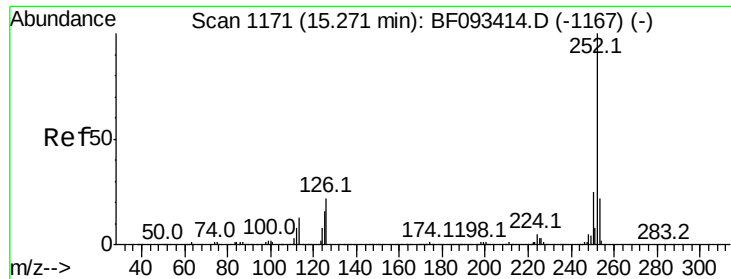
Tot Ion:252 Resp: 1807097
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 13.4 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 88.68 ng
RT: 14.91 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

Tgt Ion:252 Resp: 1807097
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 13.4 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 44.55 ng

RT: 15.25 min Scan# 1169

Delta R.T. 0.02 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

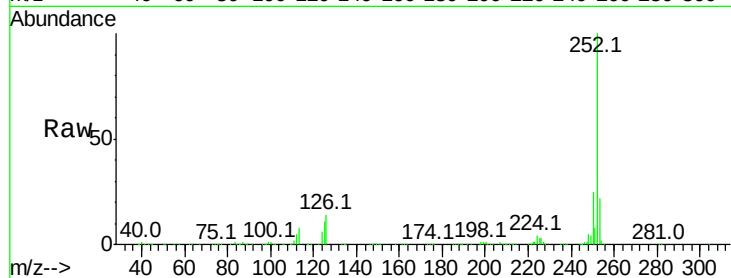
Tot Ion:252 Resp: 860265

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

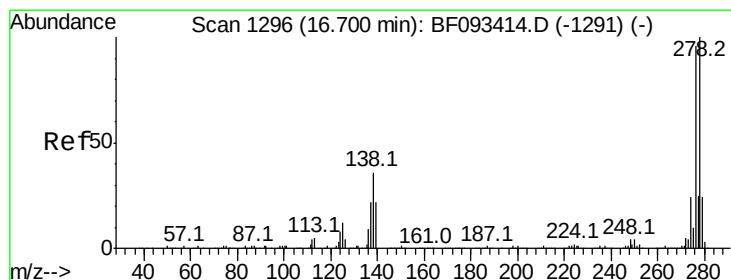
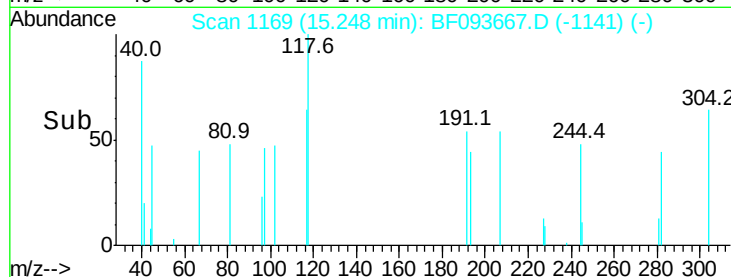
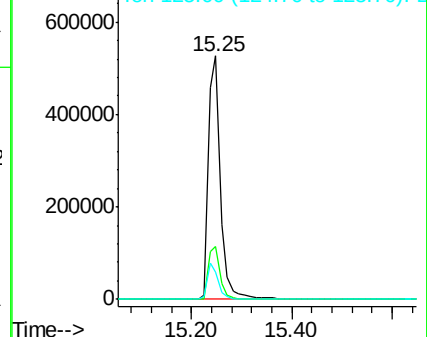
125 11.2 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.19 ng

RT: 16.64 min Scan# 1291

Delta R.T. 0.02 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

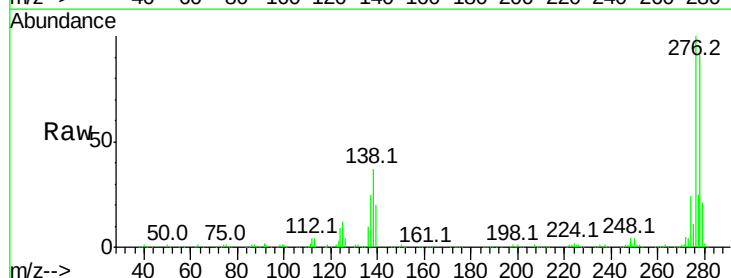
Tgt Ion:278 Resp: 690031

Ion Ratio Lower Upper

278 100

139 22.0 14.8 22.2

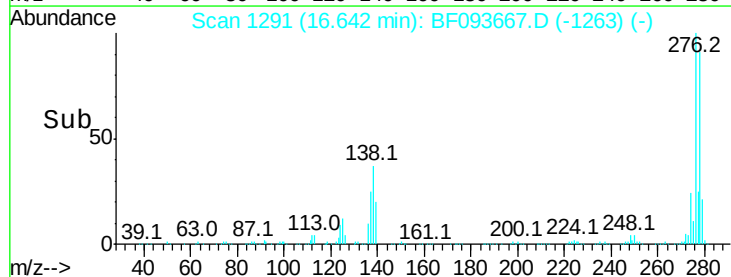
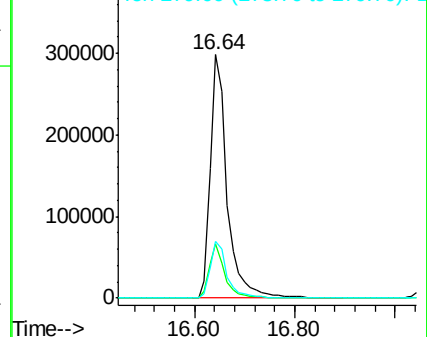
279 23.4 19.8 29.6

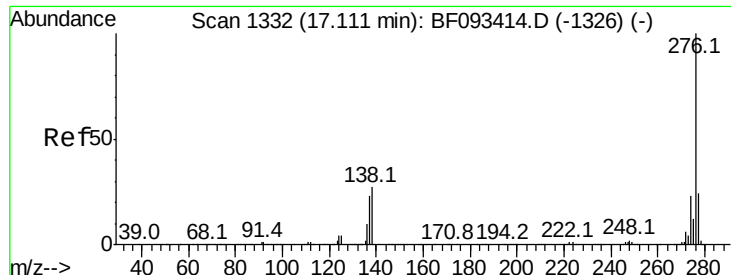


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.63 ng

RT: 17.05 min Scan# 1327

Delta R.T. 0.03 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

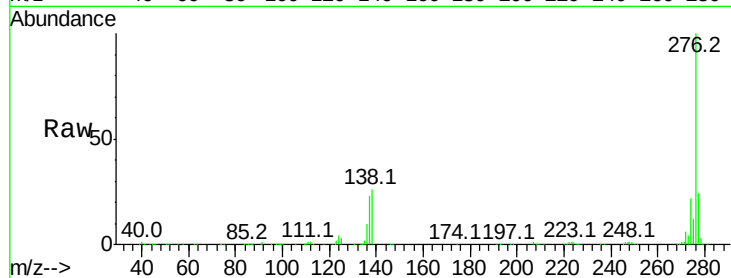
Tot Ion:276 Resp: 715395

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 26.1 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

