

Data Path : Z:\HPCHEM1\BNA F\Data\BF031017\
 Data File : BF093557.D
 Acq On : 11 Mar 2017 7:39
 Operator : SJ/MA
 Sample : I2195-05MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 14:10:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	181681	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	720110	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	339758	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	646360	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	469486	20.00	ng	-0.01
86) Perylene-d12	15.31	264	363319	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1496671	137.11	ng	0.01
7) Phenol-d6	6.41	99	1681676	122.16	ng	0.00
23) Nitrobenzene-d5	7.32	82	1297852	100.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	322570	145.72	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1900336	104.04	ng	-0.03
78) Terphenyl-d14	12.85	244	1688437	93.50	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.41	88	223623	37.19	ng	# 71
3) Pyridine	3.10	79	341071	22.25	ng	89
4) n-Nitrosodimethylamine	3.02	42	346204	47.28	ng	78
6) Aniline	6.44	93	105387	5.58	ng	# 26
8) 2-Chlorophenol	6.54	128	547554	44.77	ng	96
9) Benzaldehyde	6.30	77	309914	34.99	ng	94
10) Phenol	6.42	94	742967	44.05	ng	# 77
11) bis(2-Chloroethyl)ether	6.48	93	629439	46.17	ng	89
12) 1,3-Dichlorobenzene	6.92	146	533893	38.14	ng	96
13) 1,4-Dichlorobenzene	6.76	146	625637	43.65	ng	98
14) 1,2-Dichlorobenzene	6.92	146	546403	43.05	ng	96
15) Benzyl Alcohol	6.90	79	465715	47.46	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1004623	44.36	ng	58
17) 2-Methylphenol	7.03	107	478640	46.27	ng	# 82
18) Hexachloroethane	7.25	117	223163	46.17	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	438050	46.29	ng	93
20) 3+4-Methylphenols	7.20	107	677555	50.50	ng	# 72
22) Acetophenone	7.17	105	840595	48.51	ng	# 95
24) Nitrobenzene	7.34	77	712921	48.87	ng	99
25) Isophorone	7.58	82	1258183	48.07	ng	97
26) 2-Nitrophenol	7.66	139	319353	47.99	ng	93
27) 2,4-Dimethylphenol	7.70	122	482978	44.61	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	736814	44.60	ng	99
29) 2,4-Dichlorophenol	7.91	162	526820	51.73	ng	87
30) 1,2,4-Trichlorobenzene	7.97	180	474976	43.85	ng	# 96
31) Naphthalene	8.05	128	1528145	42.35	ng	99
32) Benzoic acid	7.88	122	249265	44.31	ng	96
33) 4-Chloroaniline	8.14	127	57304	3.91	ng	95
34) Hexachlorobutadiene	8.16	225	259151	46.45	ng	99
35) Caprolactam	8.49	113	86724	24.93	ng	# 14
36) 4-Chloro-3-methylphenol	8.62	107	511789	47.08	ng	92
37) 2-Methylnaphthalene	8.74	142	1078167	46.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	453834	48.92	ng	99
40) Hexachlorocyclopentadiene	8.88	237	284960	115.42	ng	96

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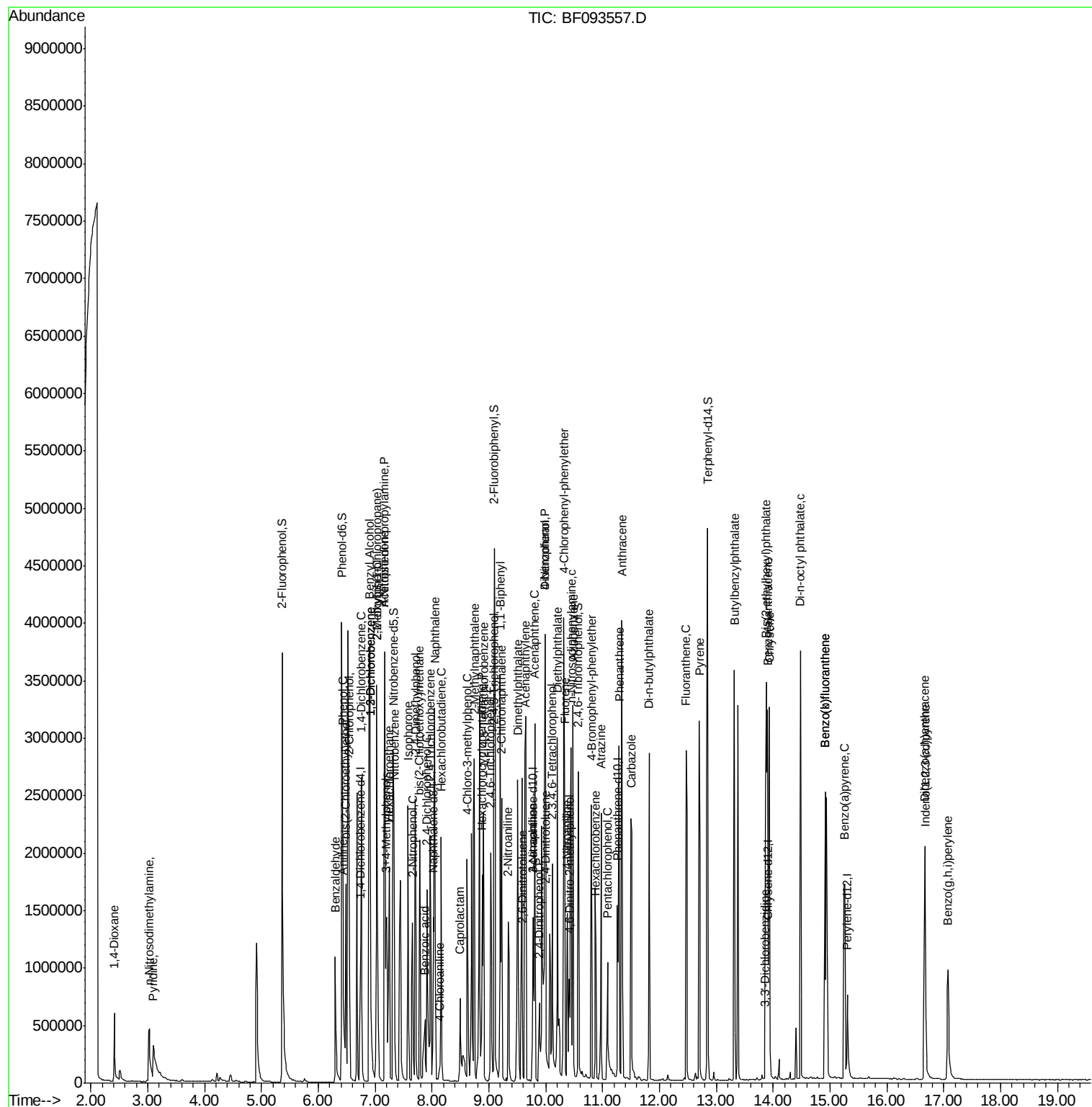
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	309231	53.35	nq	92
43) 2,4,5-Trichlorophenol	9.09	196	305149	49.06	nq	95
45) 1,1'-Biphenyl	9.20	154	1190821	48.11	nq	97
46) 2-Chloronaphthalene	9.22	162	994544	52.50	nq	94
47) 2-Nitroaniline	9.34	65	347141	51.83	nq	88
48) Acenaphthylene	9.64	152	1555733	49.79	nq	99
49) Dimethylphthalate	9.51	163	1158577	51.44	nq	98
50) 2,6-Dinitrotoluene	9.59	165	258264	52.25	nq	# 78
51) Acenaphthene	9.81	154	893594	48.36	nq	96
52) 3-Nitroaniline	9.77	138	39242	6.61	nq	# 92
53) 2,4-Dinitrophenol	9.89	184	196630	87.36	nq	# 79
54) Dibenzofuran	9.99	168	1358135	58.73	nq	96
55) 4-Nitrophenol	9.99	139	808071	280.18	nq	# 14
56) 2,4-Dinitrotoluene	10.00	165	350886	57.79	nq	# 72
57) Fluorene	10.33	166	1070793	54.64	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	259145	59.04	nq	# 97
59) Diethylphthalate	10.21	149	1136478	52.79	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	501888	57.14	nq	# 80
61) 4-Nitroaniline	10.38	138	236231	38.90	nq	97
62) Azobenzene	10.48	77	1563515	63.92	nq	94
64) 4,6-Dinitro-2-methylphenol	10.41	198	167833	40.08	nq	# 74
65) n-Nitrosodiphenylamine	10.45	169	900229	41.71	nq	100
66) 4-Bromophenyl-phenylether	10.80	248	282392	41.32	nq	# 90
67) Hexachlorobenzene	10.88	284	281668	43.16	nq	# 92
68) Atrazine	10.97	200	226211	35.81	nq	99
69) Pentachlorophenol	11.09	266	186388	82.72	nq	98
70) Phenanthrene	11.29	178	1626183	44.08	nq	98
71) Anthracene	11.34	178	1547275	41.46	nq	99
72) Carbazole	11.51	167	1416148	40.39	nq	97
73) Di-n-butylphthalate	11.82	149	1844694	45.48	nq	99
74) Fluoranthene	12.47	202	1605474	45.05	nq	96
77) Pyrene	12.70	202	1606638	47.05	nq	100
79) Butylbenzylphthalate	13.32	149	772408	53.74	nq	99
80) Benzo(a)anthracene	13.90	228	1347067	48.59	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	51346	5.29	nq	95
82) Chrysene	13.93	228	1312298	51.16	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1152648	57.53	nq	# 97
84) Di-n-octyl phthalate	14.48	149	1736336	52.00	nq	96
85) Indeno(1,2,3-cd)pyrene	16.68	276	947477	44.13	nq	# 94
87) Benzo(b)fluoranthene	14.92	252	2198619	99.36	nq	98
88) Benzo(k)fluoranthene	14.92	252	2199509	103.07	nq	98
89) Benzo(a)pyrene	15.26	252	1020497	50.46	nq	96
90) Dibenzo(a,h)anthracene	16.67	278	811347	48.50	nq	# 94
91) Benzo(g,h,i)perylene	17.08	276	814442	47.43	nq	# 93

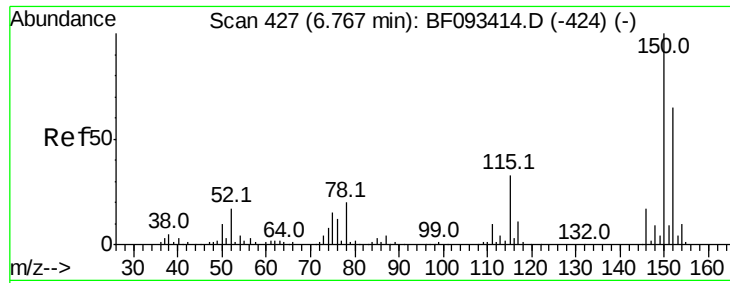
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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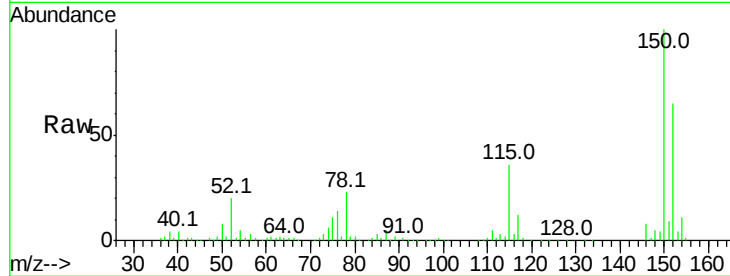


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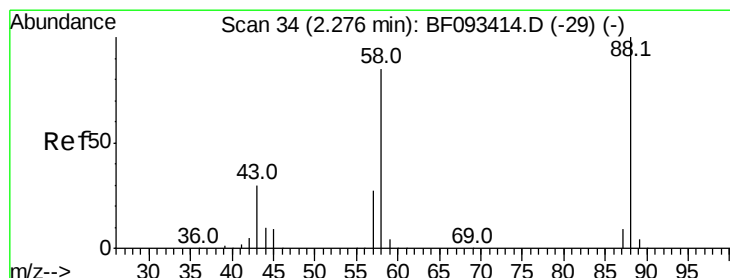
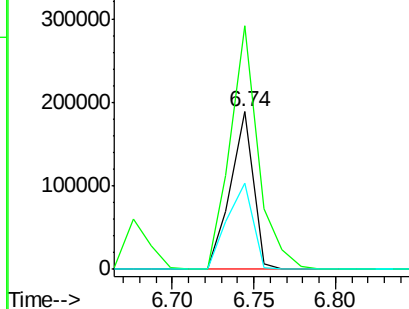
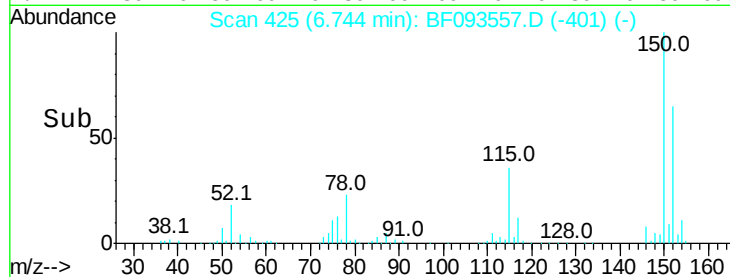
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 425
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.9	187.3
115	54.9	46.0	69.0



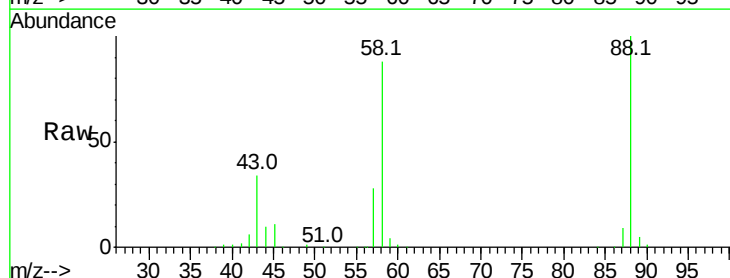
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



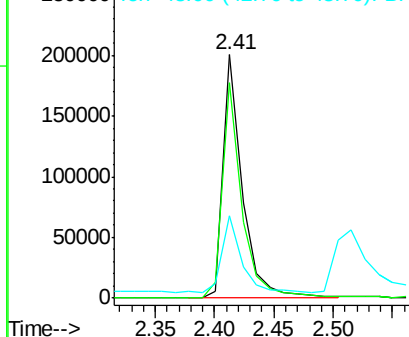
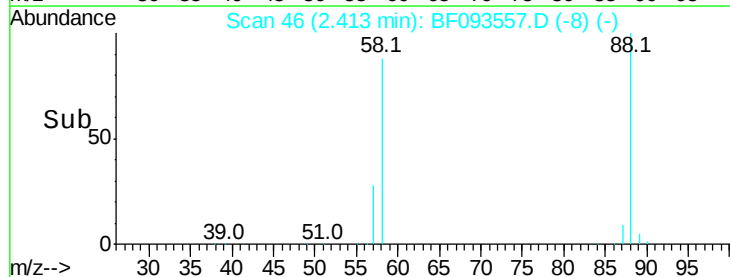
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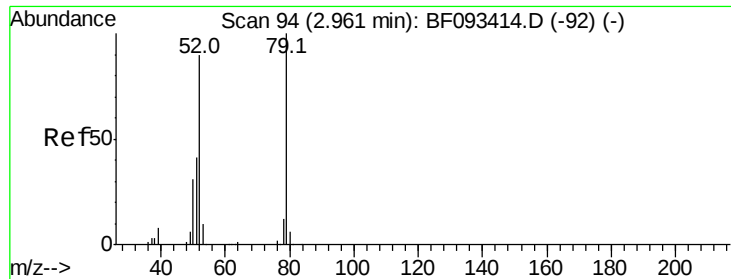
1,4-Dioxane
 Concen: 37.19 ng
 RT: 2.41 min Scan# 46
 Delta R.T. 0.14 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.1	57.8	86.8#
43	0.0	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: 22.25 ng

RT: 3.10 min Scan# 106

Delta R.T. 0.14 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

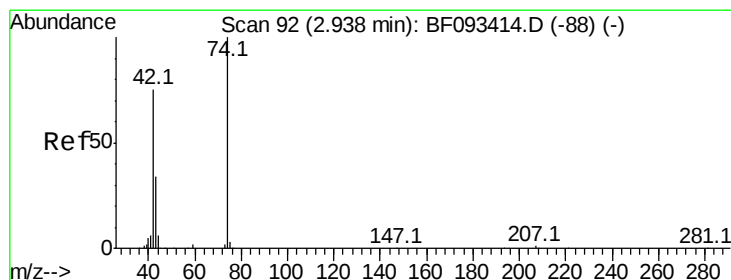
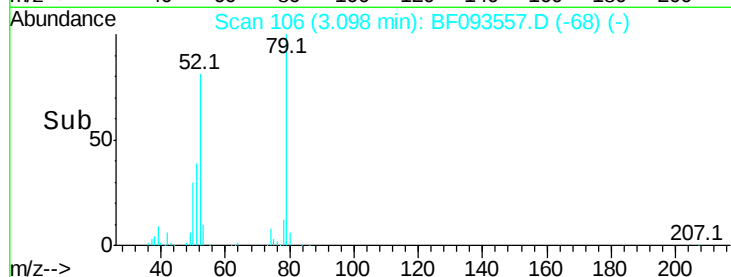
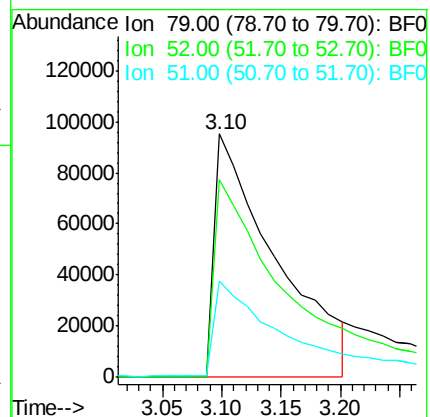
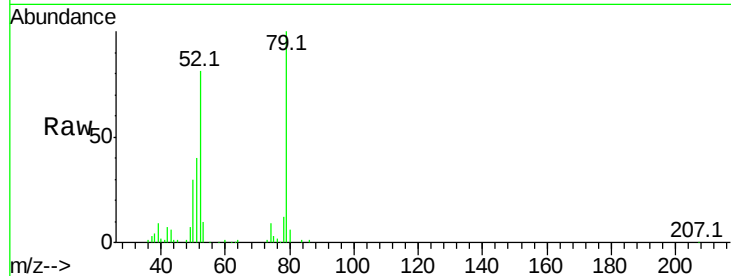
Tot Ion: 79 Resp: 341071

Ion Ratio Lower Upper

79 100

52 81.4 57.1 85.7

51 39.6 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 47.28 ng

RT: 3.02 min Scan# 99

Delta R.T. 0.08 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

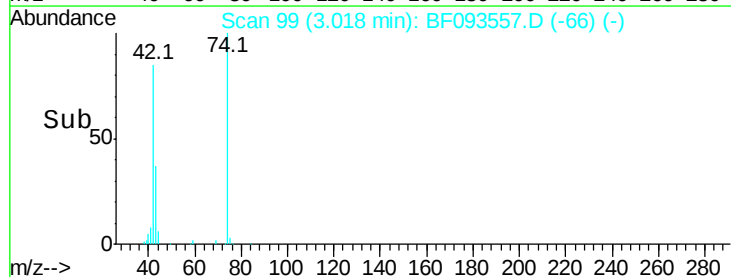
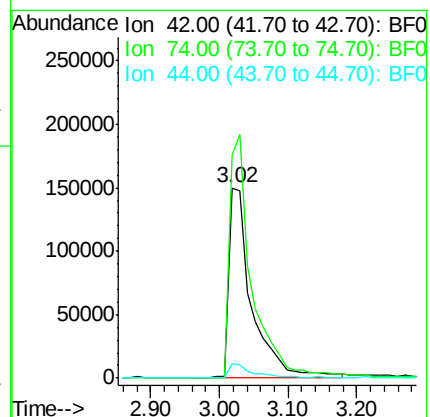
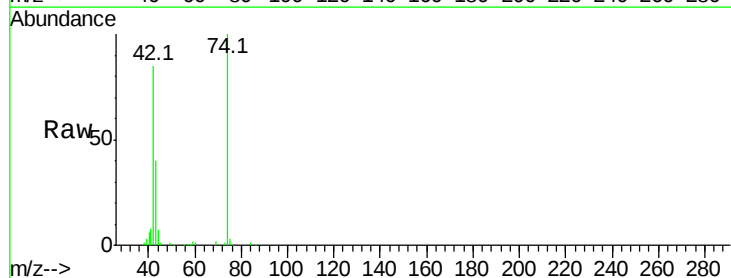
Tgt Ion: 42 Resp: 346204

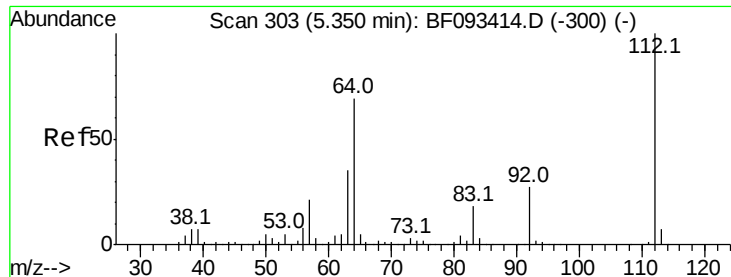
Ion Ratio Lower Upper

42 100

74 117.1 117.0 175.4

44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 137.11 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampled :

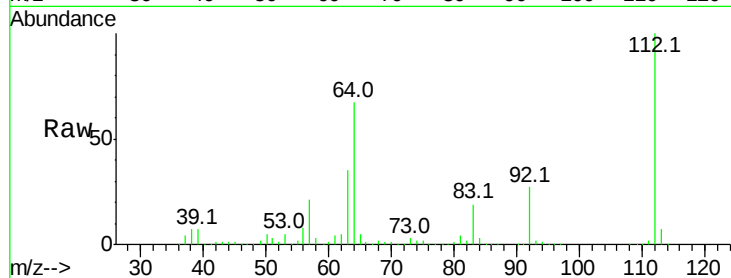
Tot Ion:112 Resp: 1496671

Ion Ratio Lower Upper

112 100

64 67.3 46.1 69.1

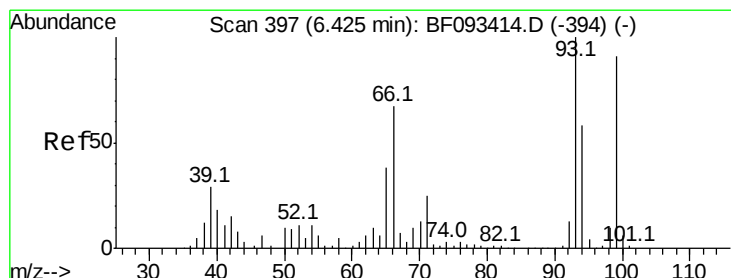
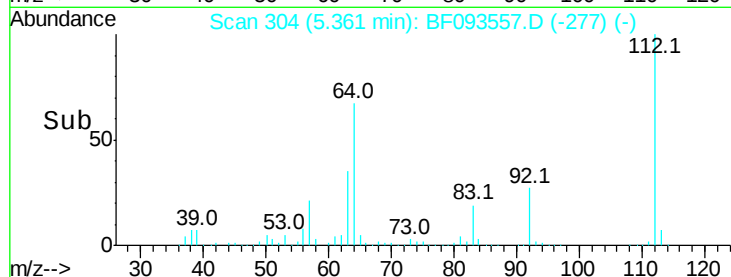
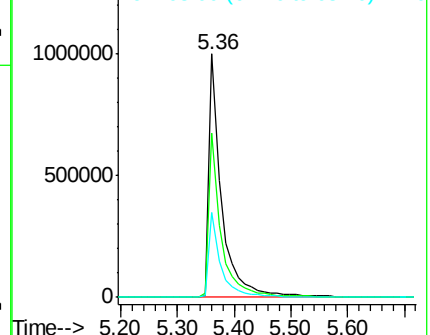
63 34.8 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 5.58 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

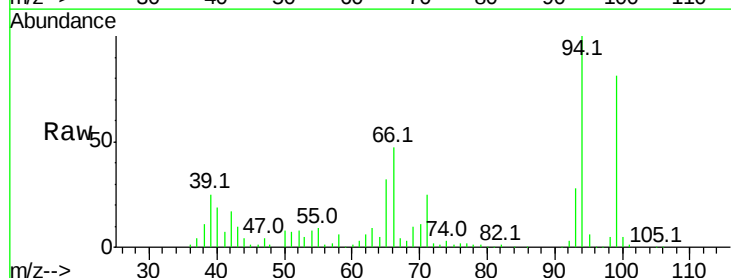
Tgt Ion: 93 Resp: 105387

Ion Ratio Lower Upper

93 100

66 169.7 76.2 114.2#

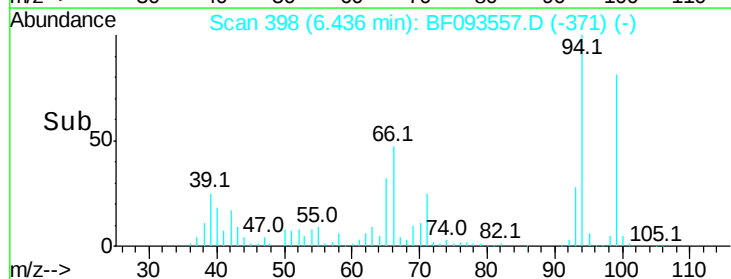
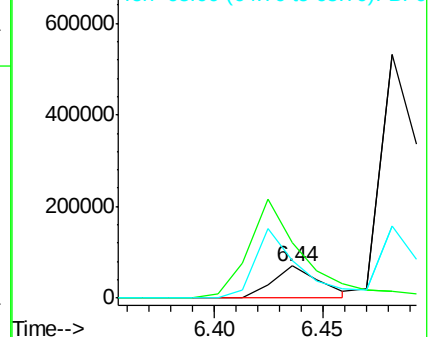
65 114.7 49.3 73.9#

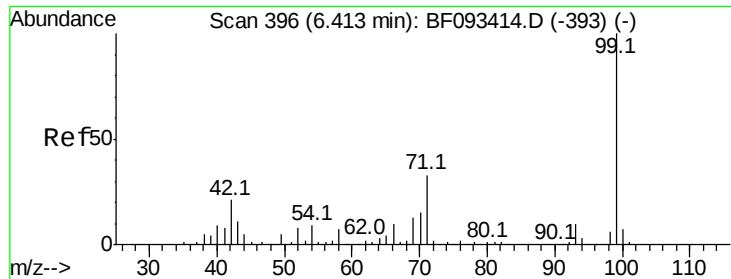


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.16 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

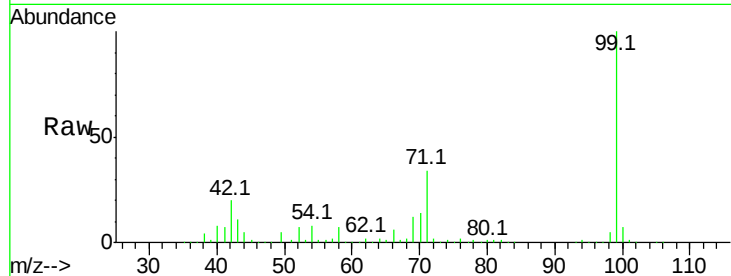
Tot Ion: 99 Resp: 1681676

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

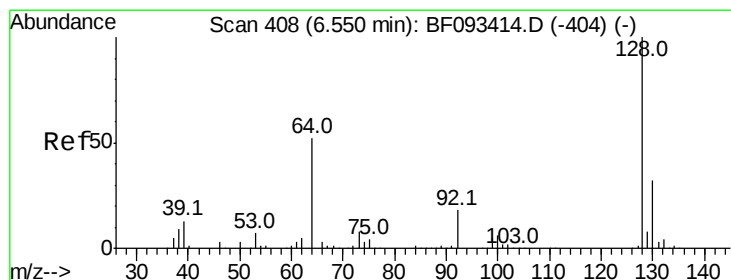
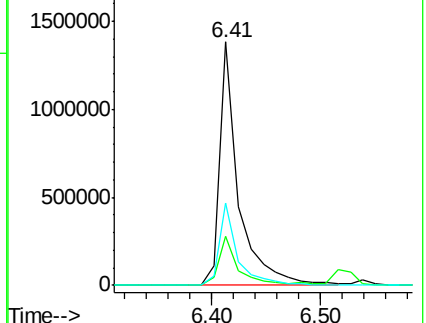
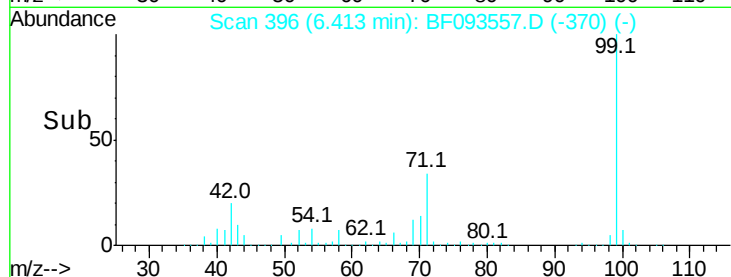
71 33.9 27.5 41.3



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: 44.77 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

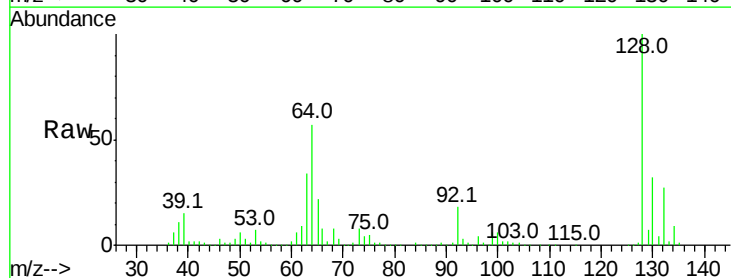
Tgt Ion:128 Resp: 547554

Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

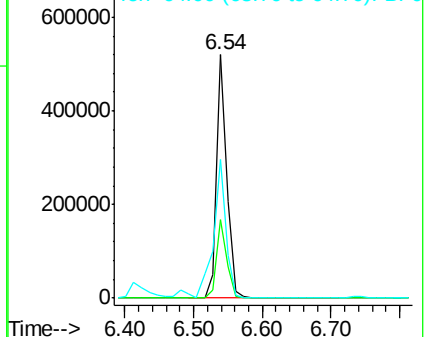
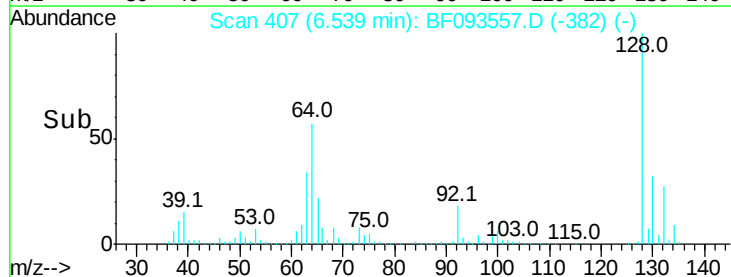
64 56.8 32.2 72.2



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

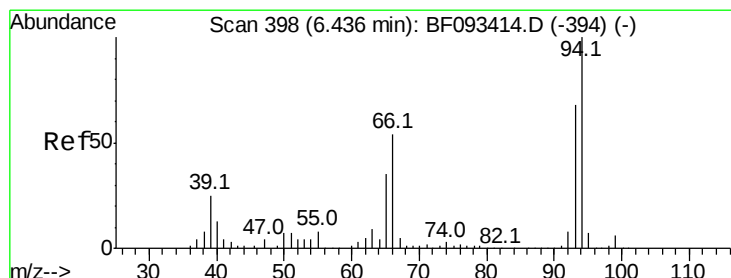
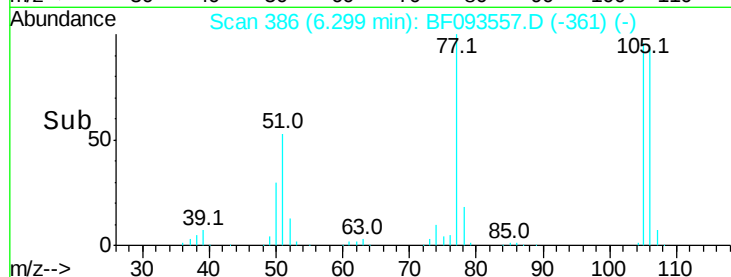
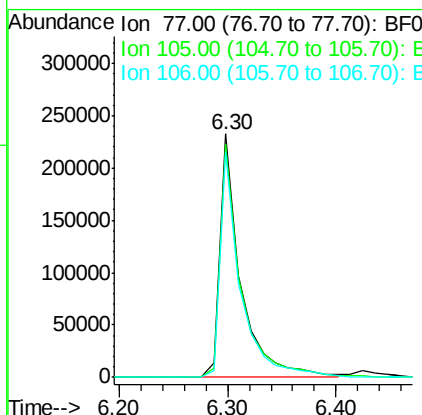
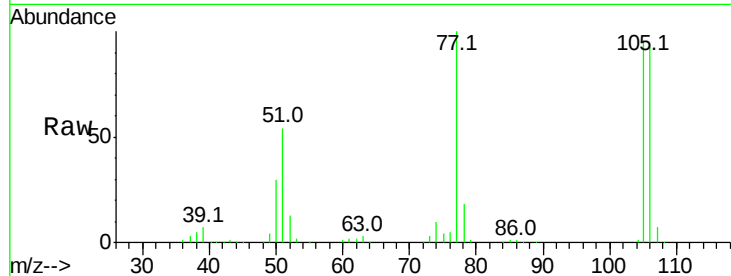




#9
Benzaldehyde
Concen: 34.99 ng
RT: 6.30 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

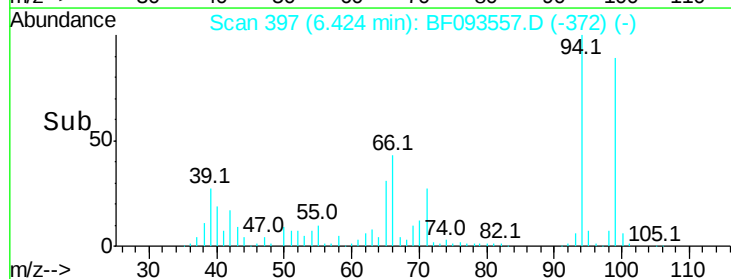
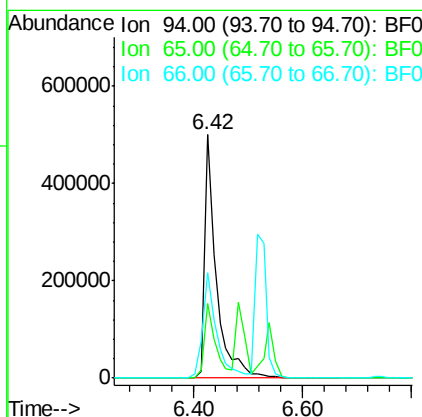
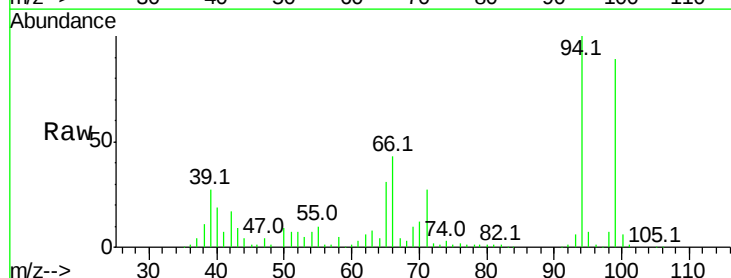
Instrument :
BNA_F
ClientSampled :

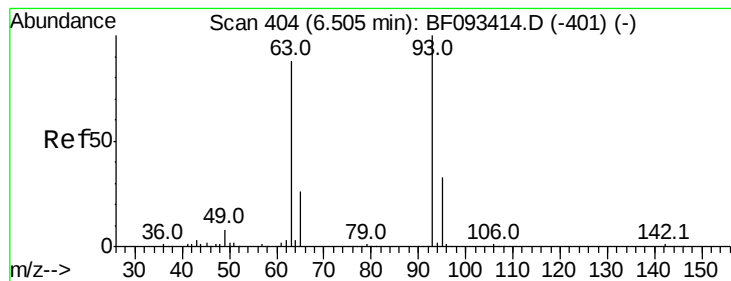
Tot Ion: 77 Resp: 309914
Ion Ratio Lower Upper
77 100
105 95.8 83.9 123.9
106 92.9 77.6 117.6



#10
Phenol
Concen: 44.05 ng
RT: 6.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion: 94 Resp: 742967
Ion Ratio Lower Upper
94 100
65 30.6 21.4 61.4
66 43.4 44.0 84.0#

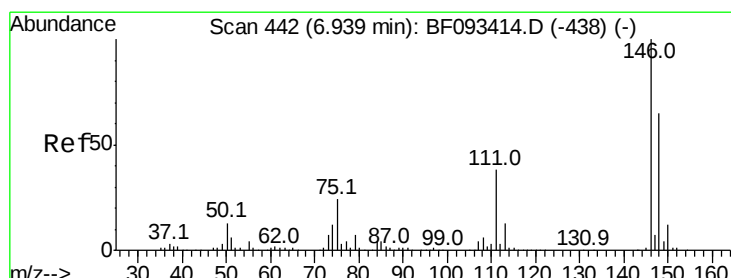
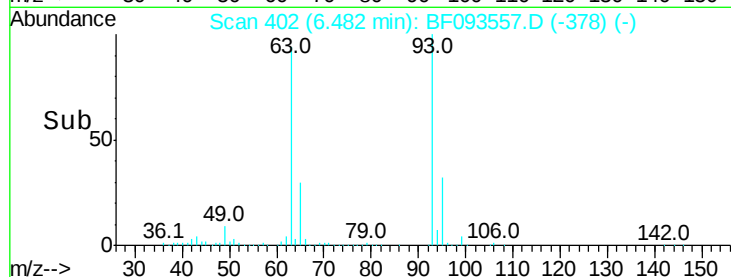
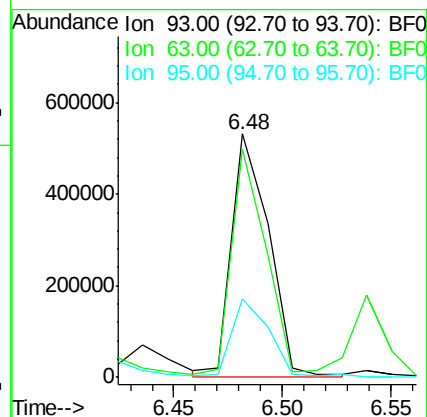
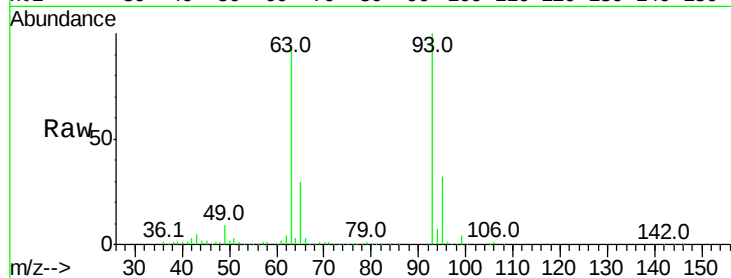




#11
 bis(2-Chloroethyl)ether
 Concen: 46.17 ng
 RT: 6.48 min Scan# 402
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

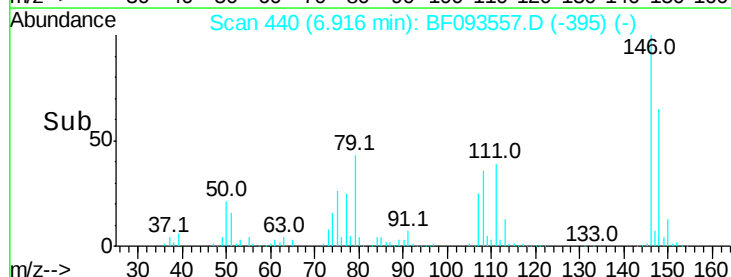
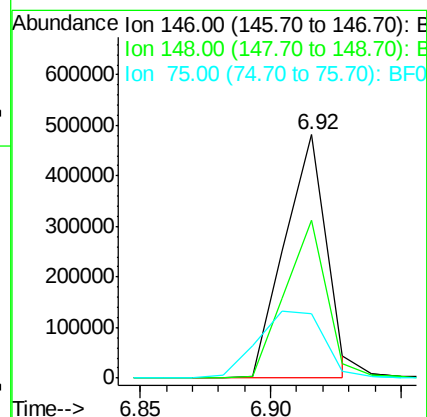
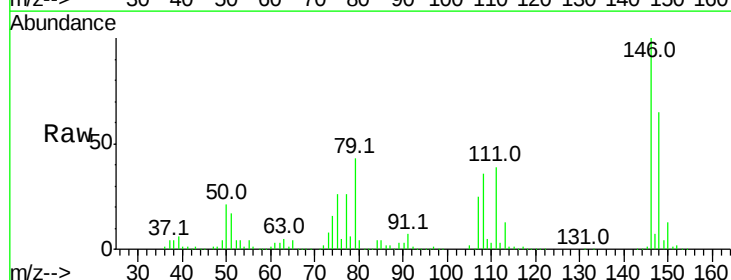
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 629439
 Ion Ratio Lower Upper
 93 100
 63 93.7 60.4 100.4
 95 32.2 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 38.14 ng
 RT: 6.92 min Scan# 440
 Delta R.T. 0.22 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Tgt Ion: 146 Resp: 533893
 Ion Ratio Lower Upper
 146 100
 148 64.6 53.4 80.0
 75 26.5 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 43.65 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

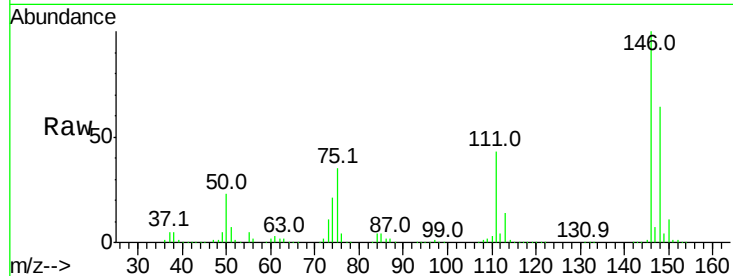
Tot Ion:146 Resp: 625637

Ion Ratio Lower Upper

146 100

148 63.8 50.6 76.0

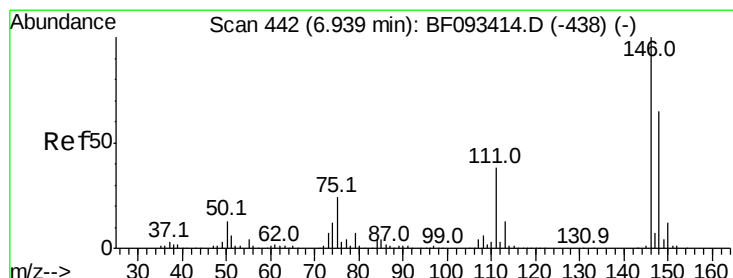
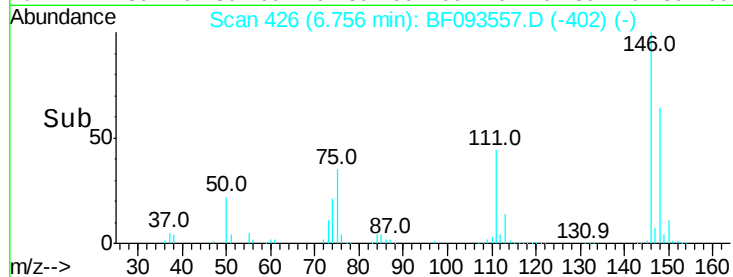
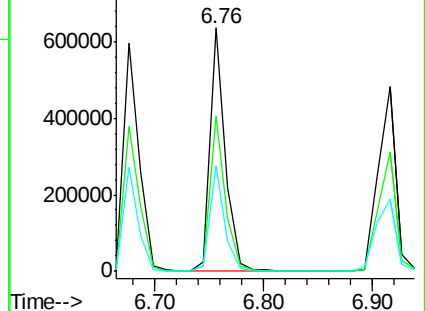
111 43.5 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.05 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

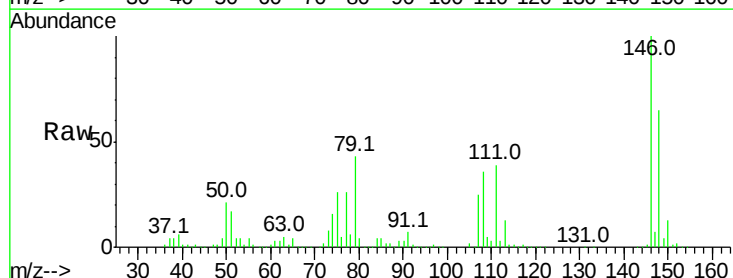
Tgt Ion:146 Resp: 546403

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.2

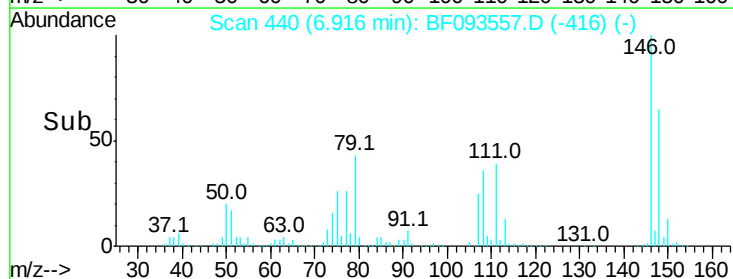
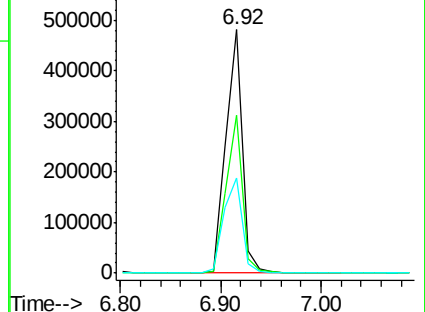
111 39.1 36.2 54.2

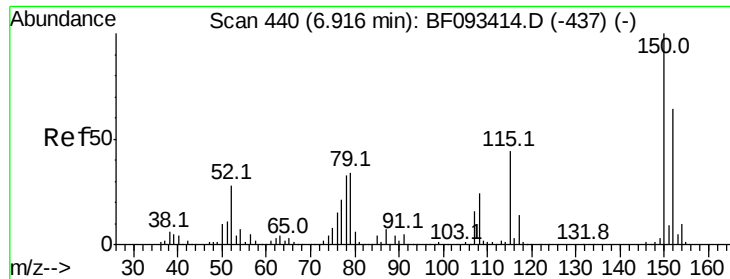


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

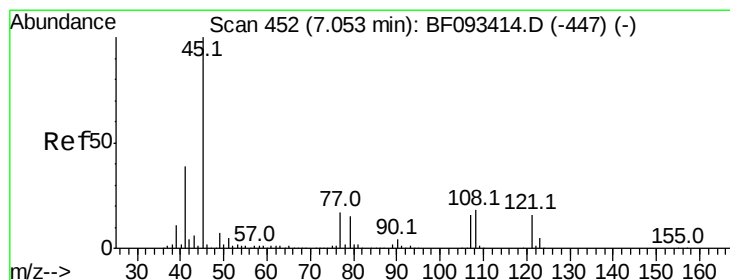
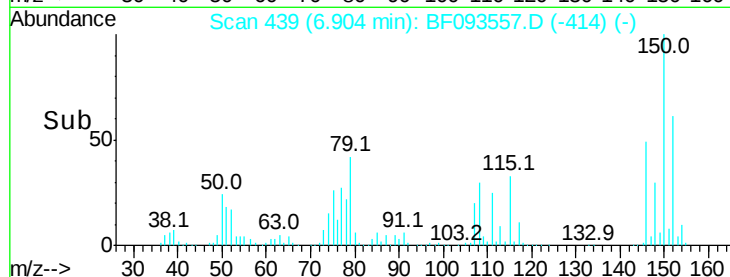
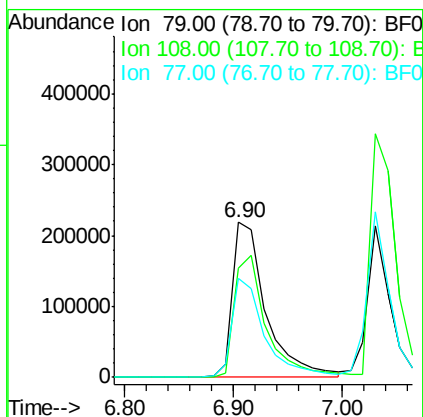
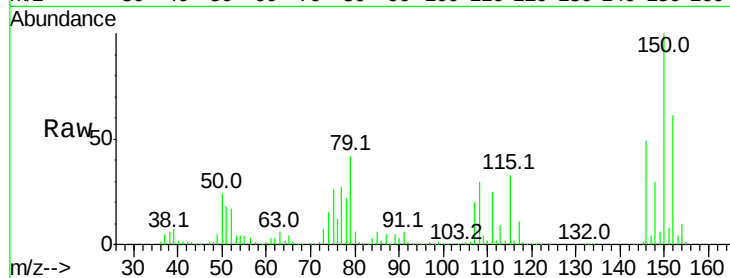




#15
Benzyl Alcohol
Concen: 47.46 ng
RT: 6.90 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

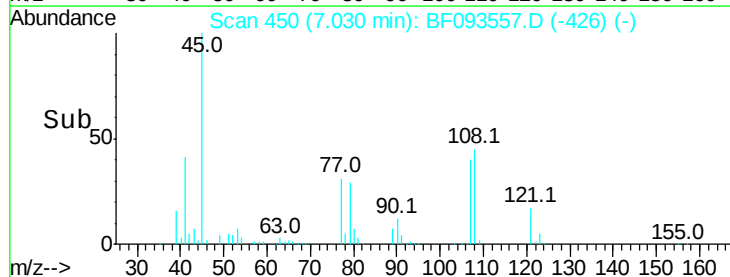
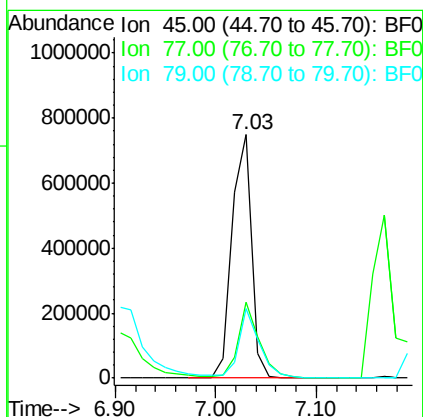
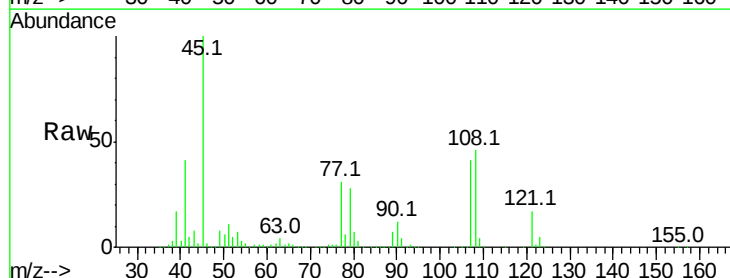
Instrument :
BNA_F
ClientSampled :

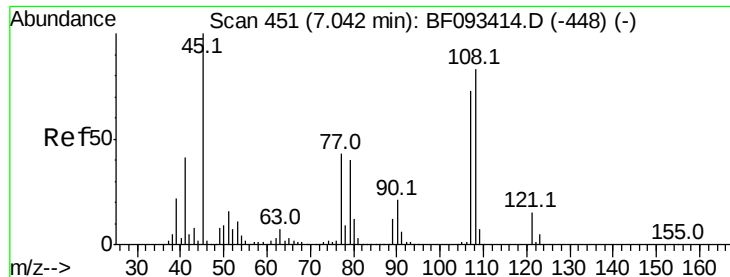
Tot Ion: 79 Resp: 465715
Ion Ratio Lower Upper
79 100
108 70.6 61.4 92.0
77 63.8 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.36 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion: 45 Resp: 1004623
Ion Ratio Lower Upper
45 100
77 31.2 0.0 34.6
79 28.5 0.0 31.2

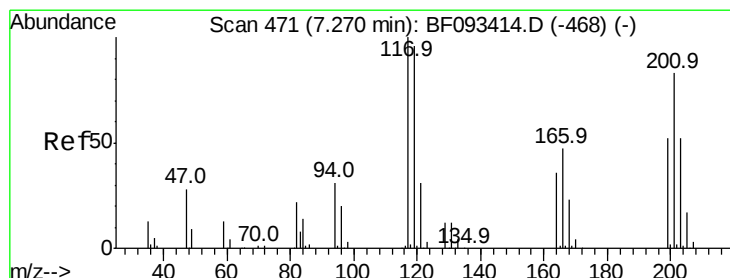
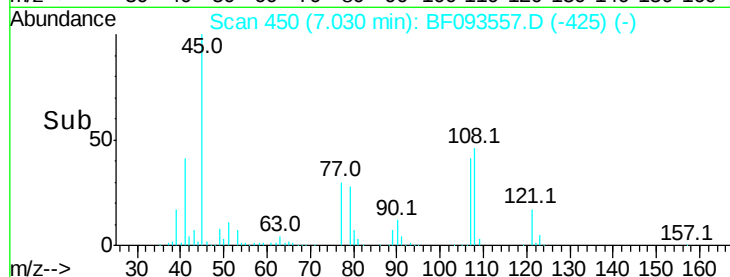
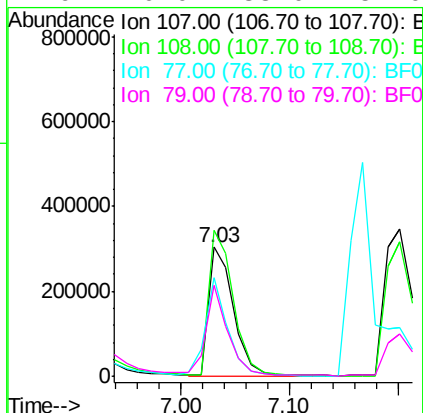
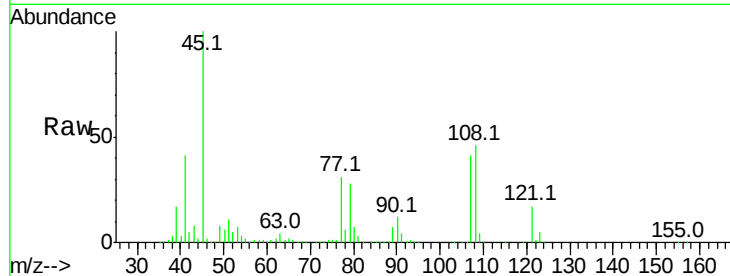




#17
2-Methylphenol
Concen: 46.27 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

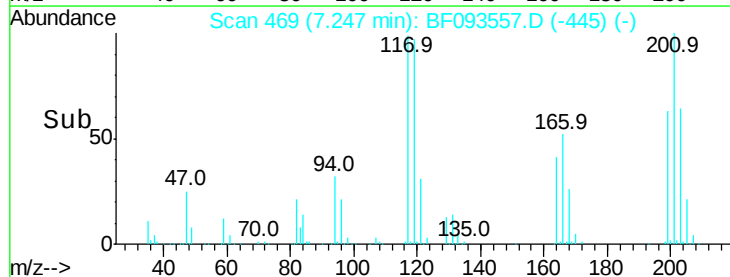
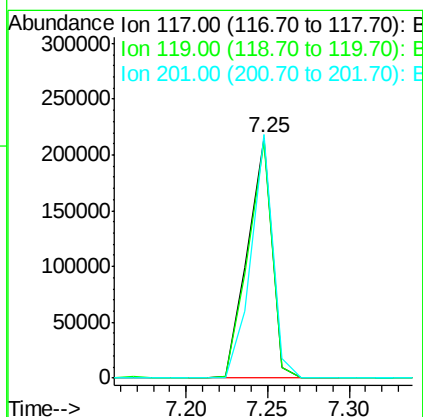
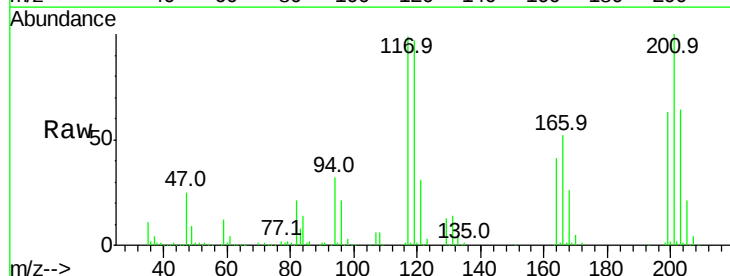
Instrument :
BNA_F
ClientSampleId :

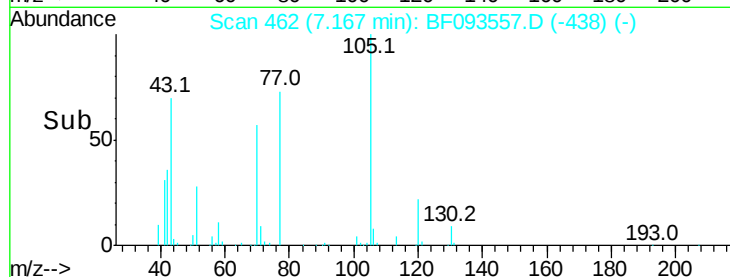
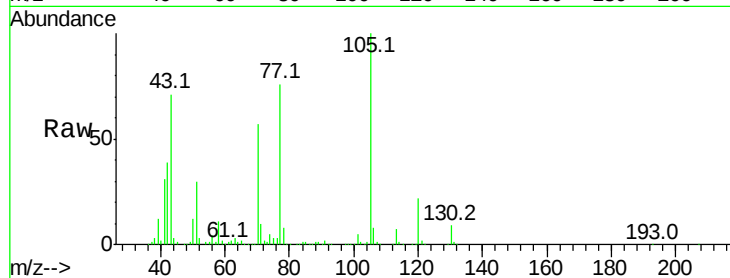
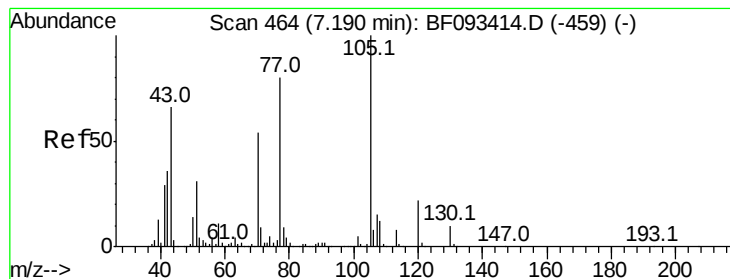
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	93.0	139.6
77	76.7	39.8	59.8#
79	70.0	38.0	57.0#



#18
Hexachloroethane
Concen: 46.17 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	78.1	117.1
201	101.4	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 46.29 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 438050

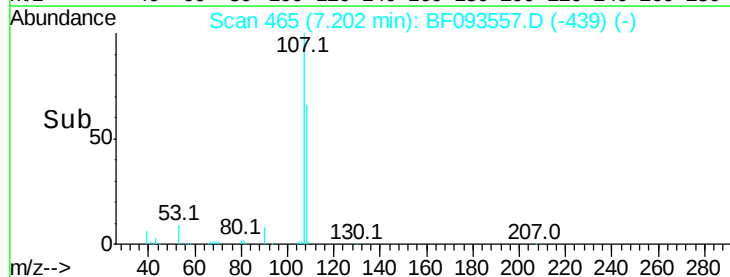
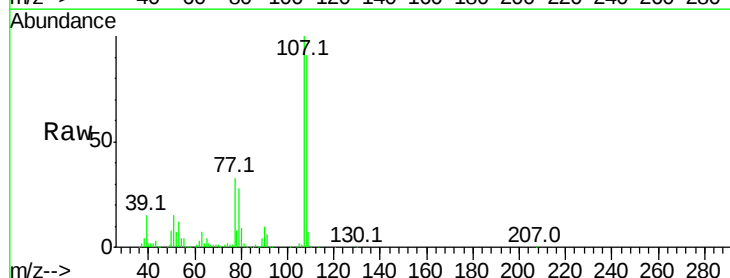
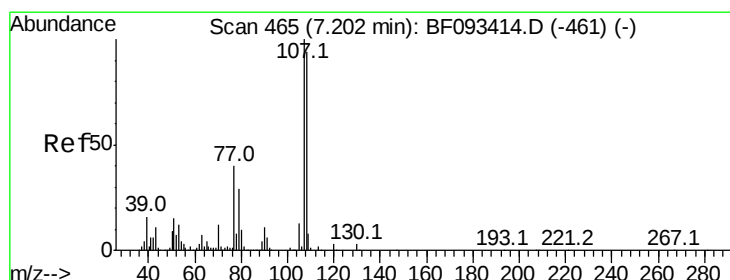
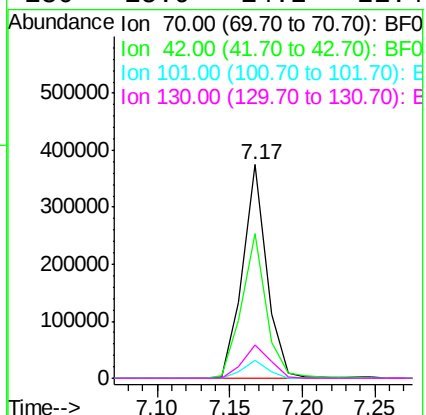
Ion Ratio Lower Upper

70 100

42 67.9 49.4 74.0

101 8.5 7.4 11.2

130 15.9 14.2 21.4



#20

3+4-Methylphenols

Concen: 50.50 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Tgt Ion:107 Resp: 677555

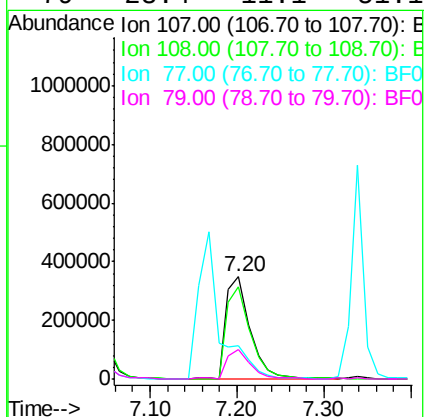
Ion Ratio Lower Upper

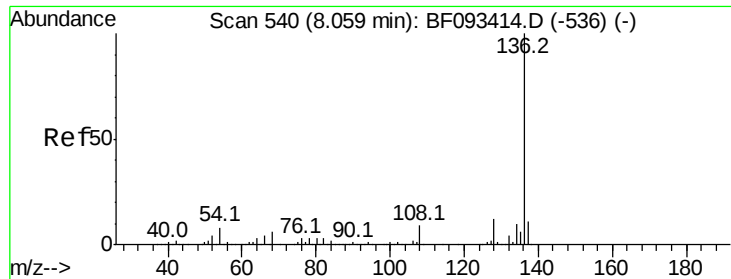
107 100

108 90.8 73.0 113.0

77 33.1 71.3 111.3#

79 28.4 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 720110

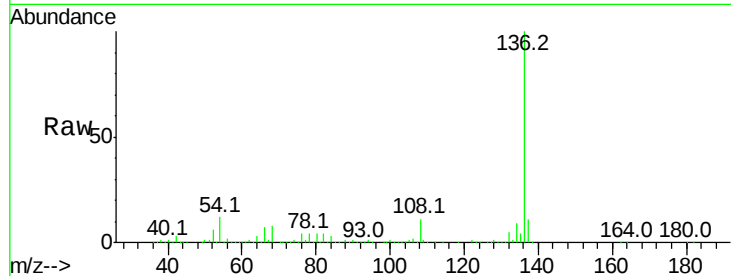
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.9 4.5 6.7#

68 8.2 3.6 5.4#

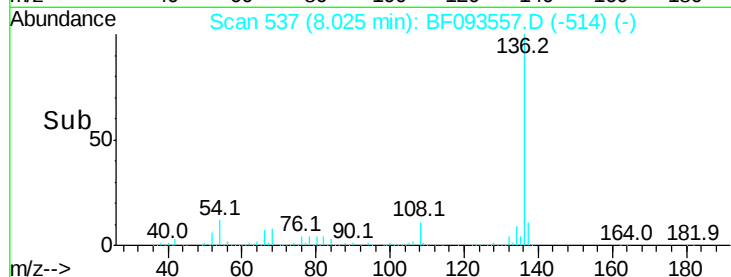


Abundance Ion 136.00 (135.70 to 136.70): E

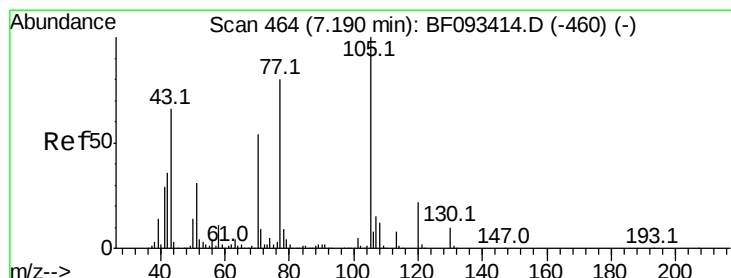
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.90 8.00 8.10



#22

Acetophenone

Concen: 48.51 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Tgt Ion:105 Resp: 840595

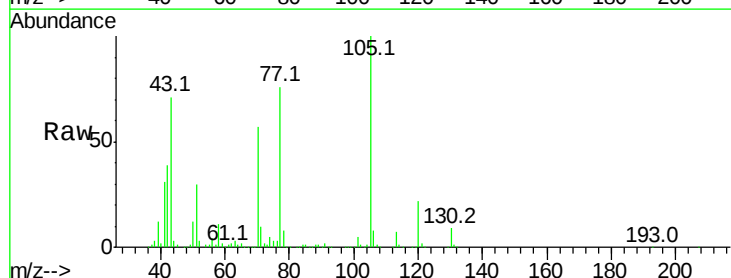
Ion Ratio Lower Upper

105 100

71 9.8 3.2 4.8#

51 29.8 26.2 39.4

120 21.7 16.6 24.8

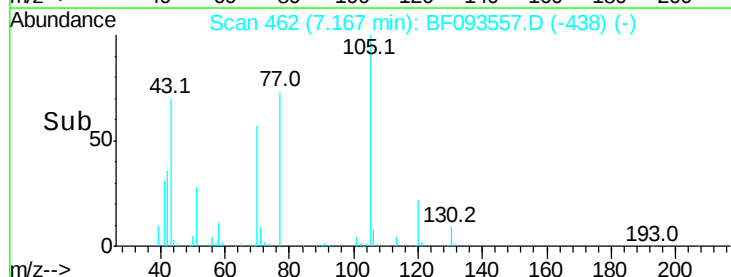


Abundance Ion 105.00 (104.70 to 105.70): E

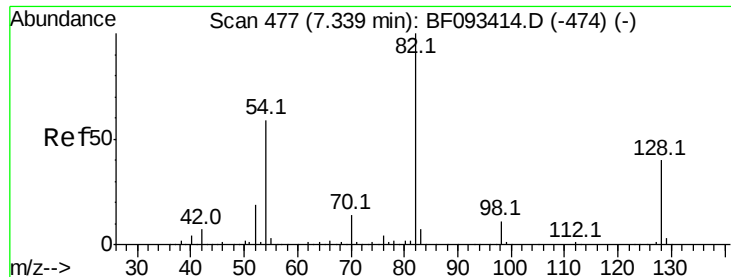
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



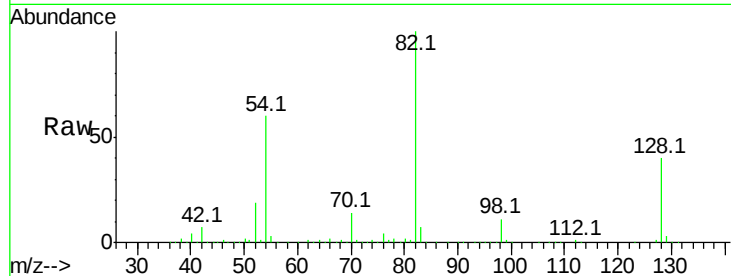
Time--> 7.10 7.20 7.30



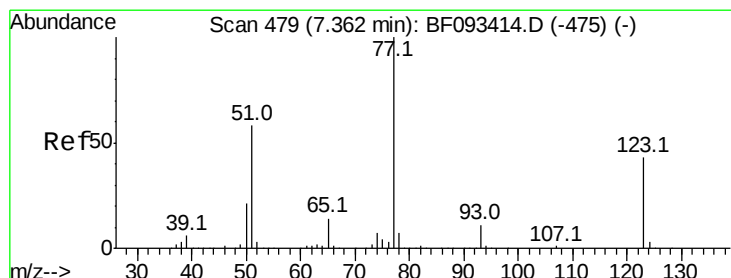
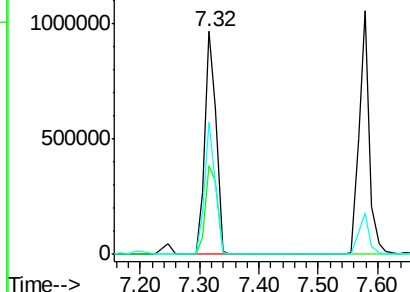
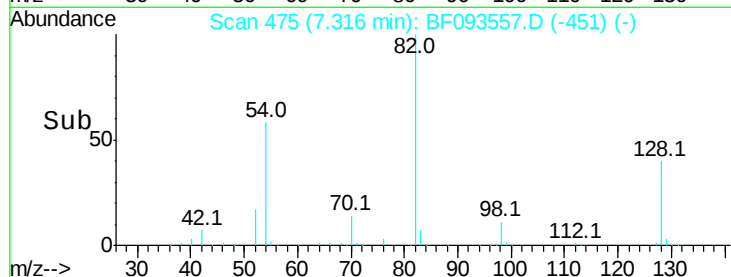
#23
 Nitrobenzene-d5
 Concen: 100.00 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1297852
 Ion Ratio Lower Upper
 82 100
 128 39.7 34.6 52.0
 54 59.5 39.5 59.3#

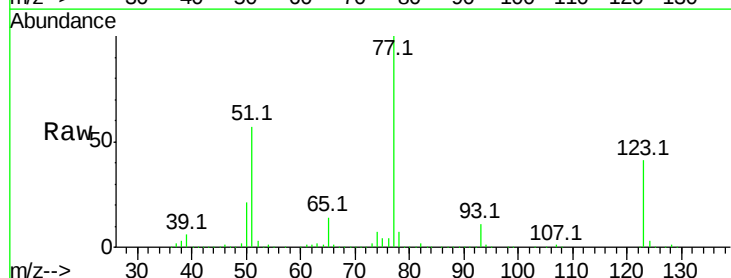


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

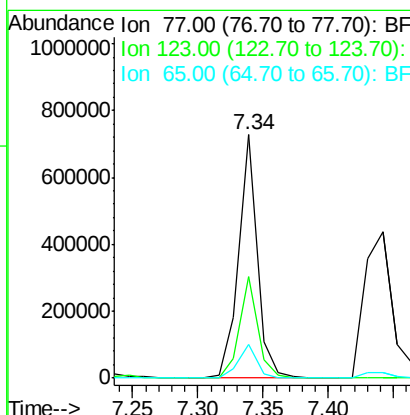
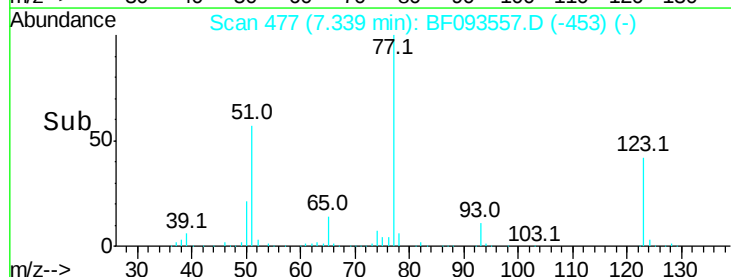


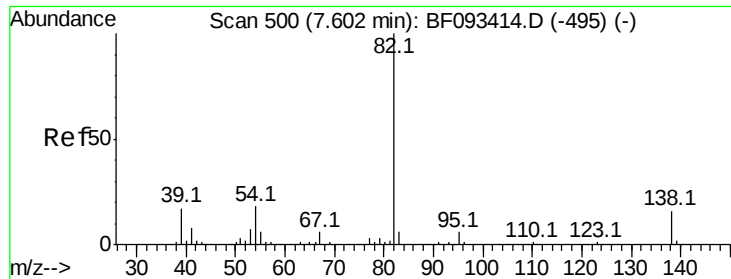
#24
 Nitrobenzene
 Concen: 48.87 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Tgt Ion: 77 Resp: 712921
 Ion Ratio Lower Upper
 77 100
 123 41.5 33.0 49.4
 65 13.7 11.2 16.8



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

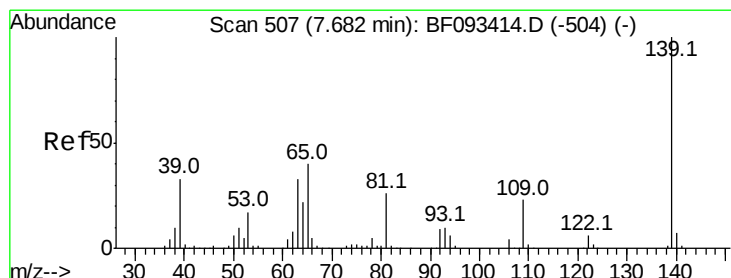
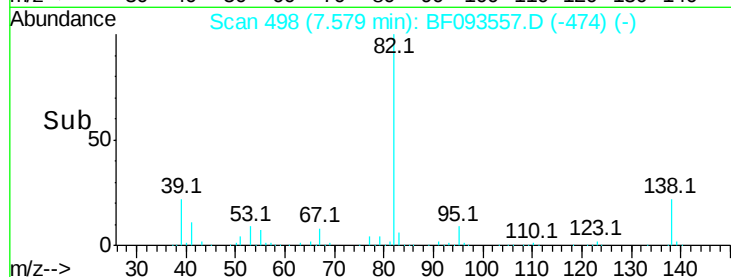
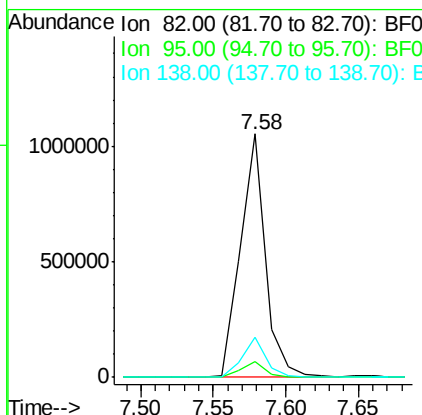
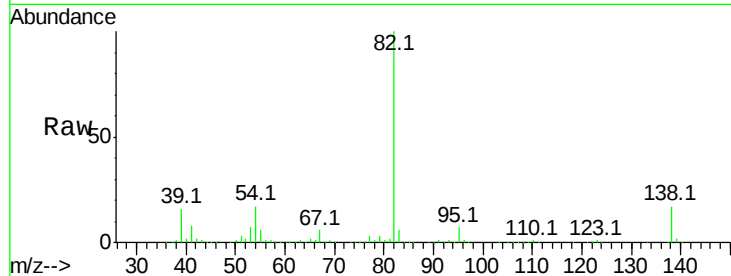




#25
Isophorone
Concen: 48.07 ng
RT: 7.58 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

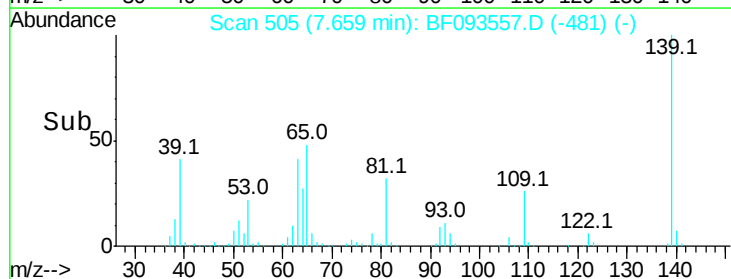
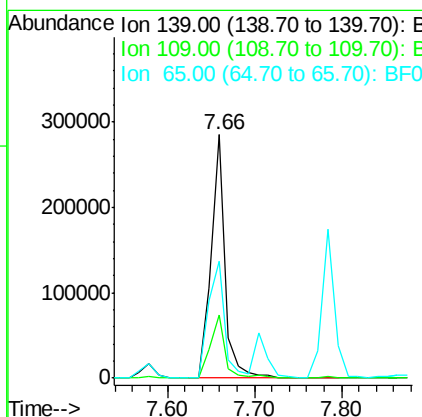
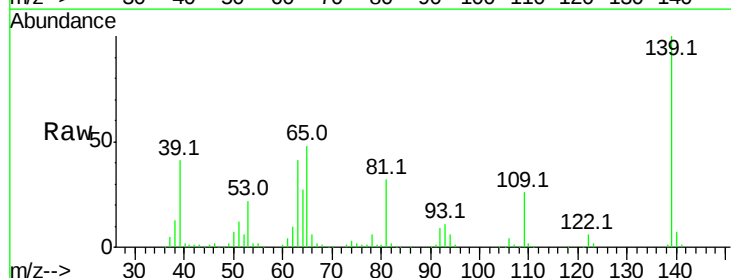
Instrument :
BNA_F
ClientSampleId :

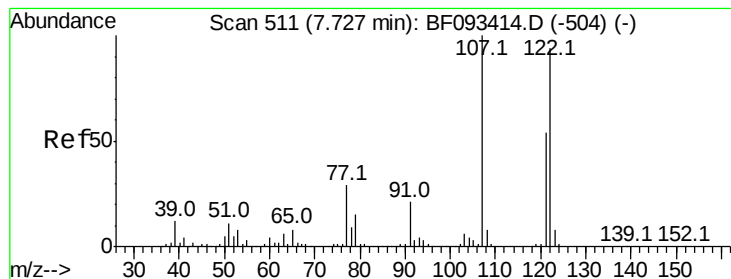
Tot Ion: 82 Resp: 1258183
Ion Ratio Lower Upper
82 100
95 6.7 5.6 8.4
138 16.7 14.6 22.0



#26
2-Nitrophenol
Concen: 47.99 ng
RT: 7.66 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion: 139 Resp: 319353
Ion Ratio Lower Upper
139 100
109 25.9 23.3 34.9
65 48.1 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 44.61 ng

RT: 7.70 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

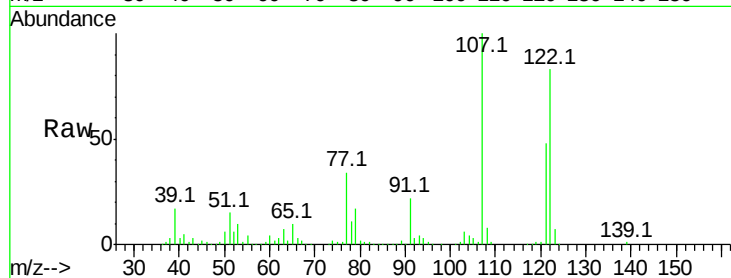
Tot Ion:122 Resp: 482978

Ion Ratio Lower Upper

122 100

107 119.8 94.1 141.1

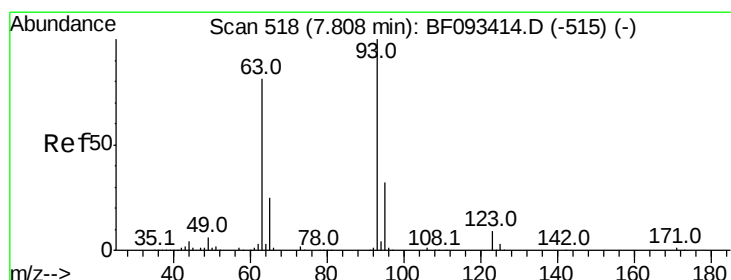
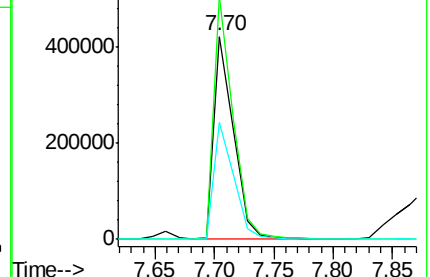
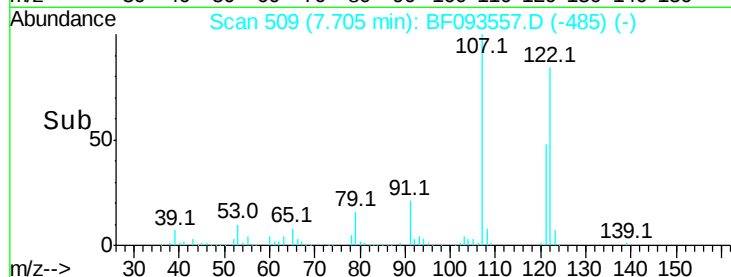
121 57.5 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.60 ng

RT: 7.78 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

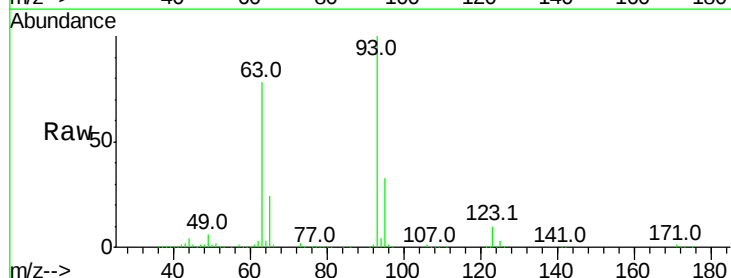
Tgt Ion: 93 Resp: 736814

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

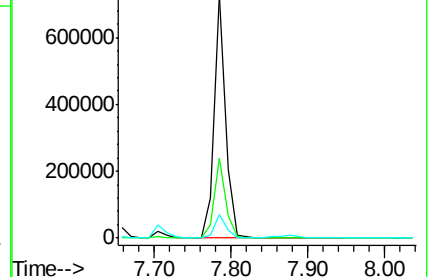
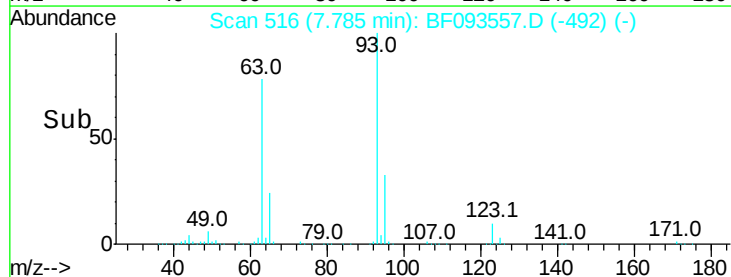
123 9.5 8.6 13.0

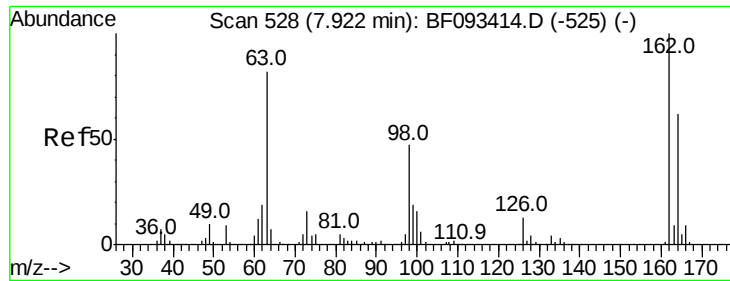


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

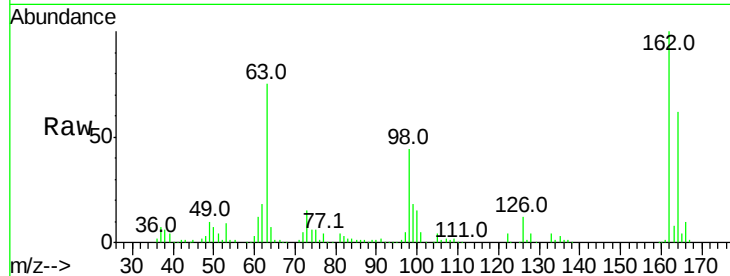




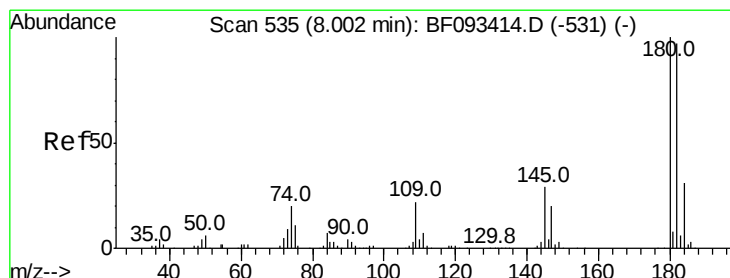
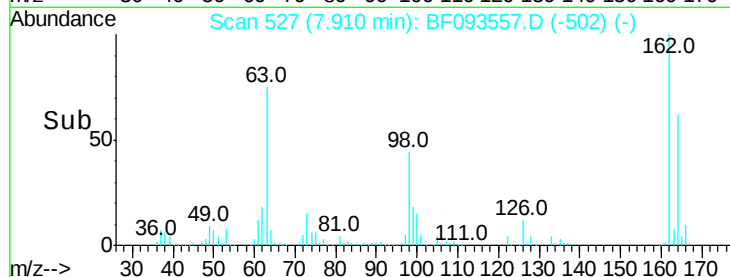
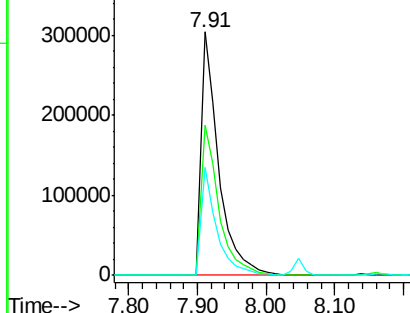
#29
 2,4-Dichlorophenol
 Concen: 51.73 ng
 RT: 7.91 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.6	46.8	86.8
98	44.4	9.1	49.1

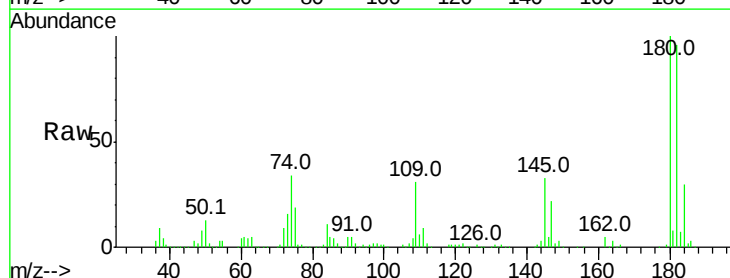


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

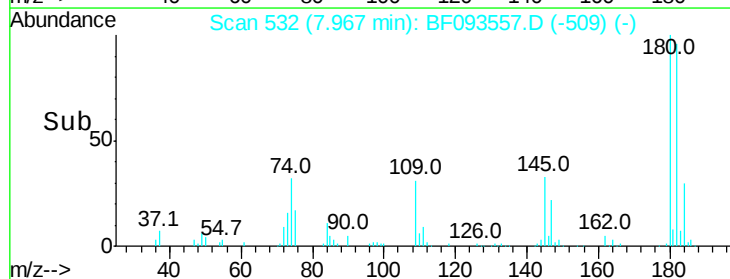
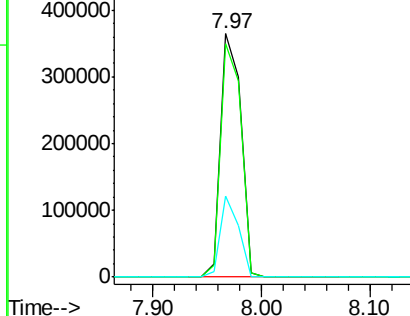


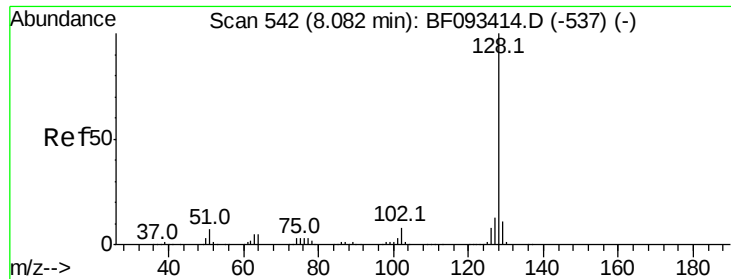
#30
 1,2,4-Trichlorobenzene
 Concen: 43.85 ng
 RT: 7.97 min Scan# 532
 Delta R.T. -0.03 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	78.2	117.4
145	33.5	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

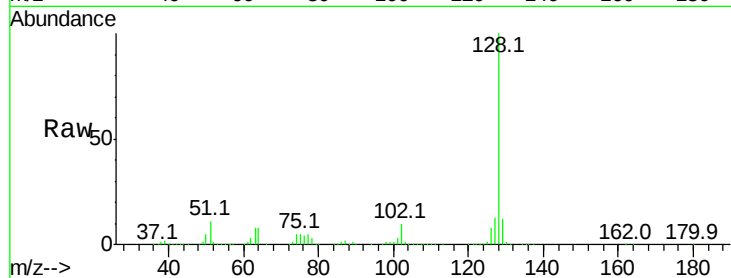




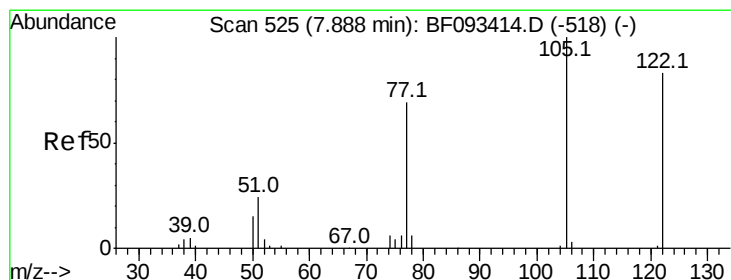
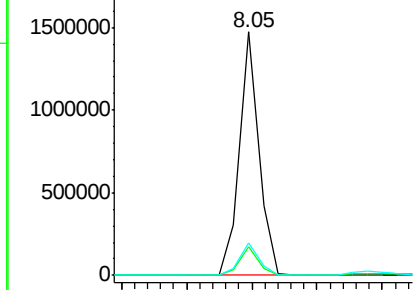
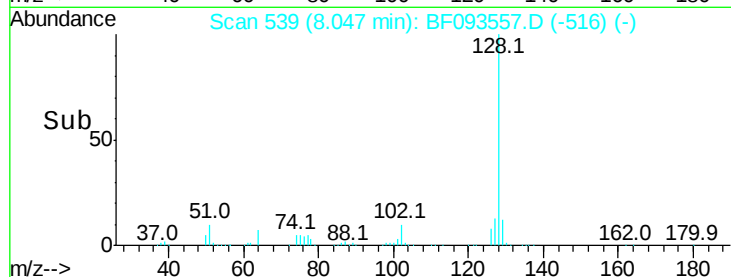
#31
Naphthalene
Concen: 42.35 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1528145
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.4 10.8 16.2

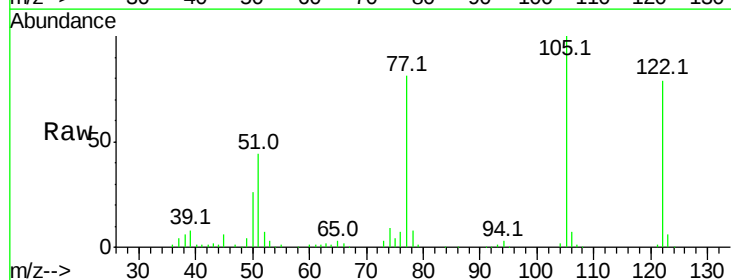


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

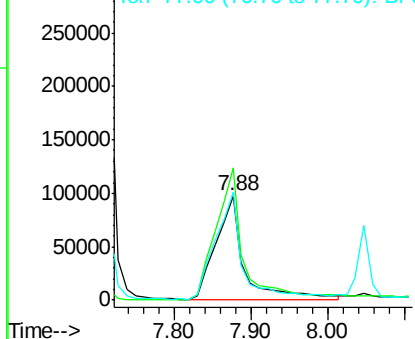
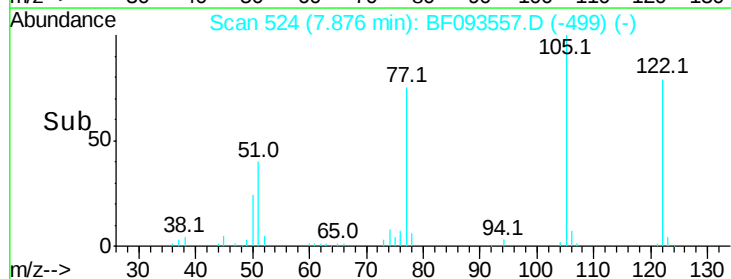


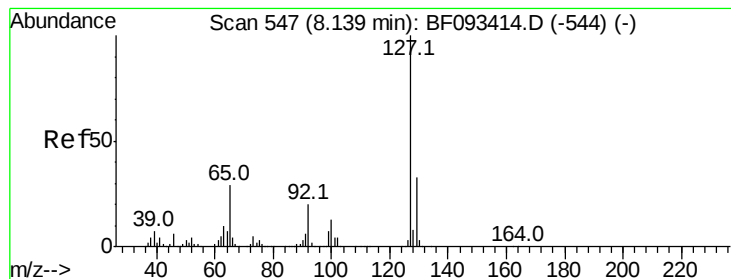
#32
Benzoic acid
Concen: 44.31 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion:122 Resp: 249265
Ion Ratio Lower Upper
122 100
105 126.9 107.2 147.2
77 102.8 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
300000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 3.91 ng

RT: 8.14 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 57304

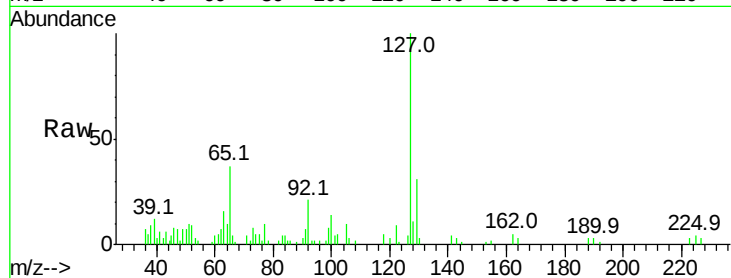
Ion Ratio Lower Upper

127 100

129 30.6 26.3 39.5

65 37.0 25.8 38.8

92 20.8 16.1 24.1

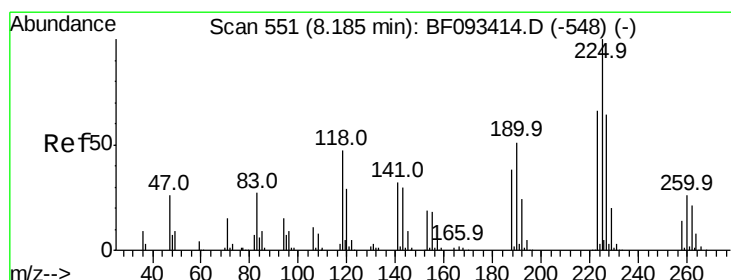
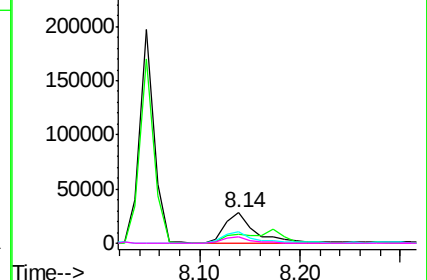
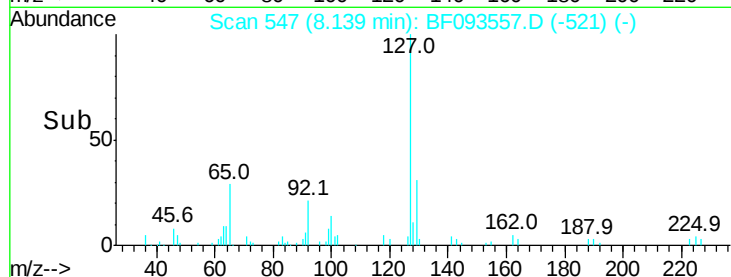


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 46.45 ng

RT: 8.16 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

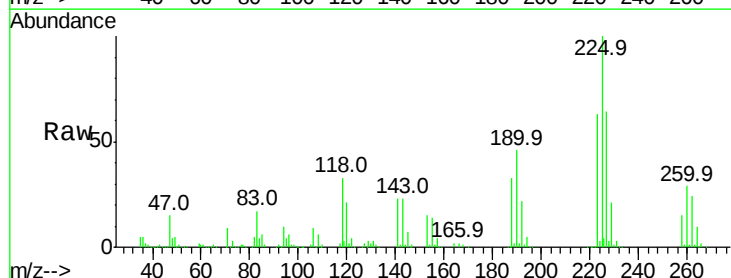
Tgt Ion:225 Resp: 259151

Ion Ratio Lower Upper

225 100

223 63.0 51.0 76.6

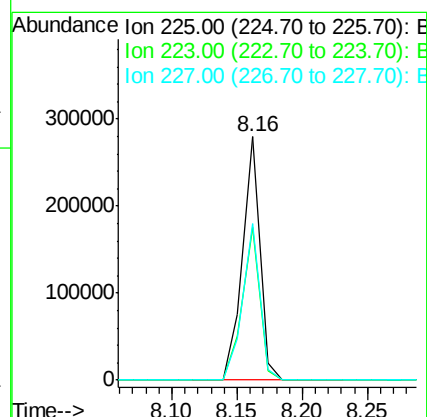
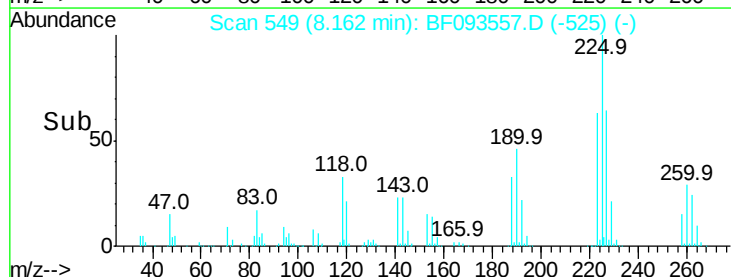
227 64.3 50.6 76.0

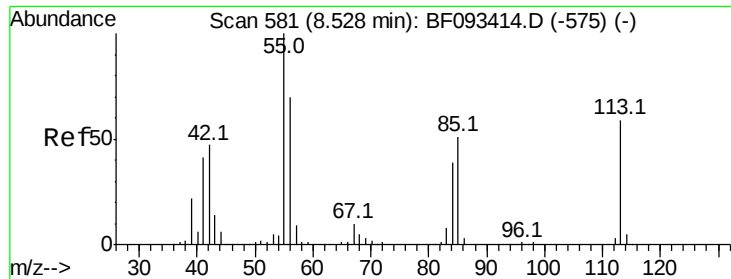


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.93 ng

RT: 8.49 min Scan# 578

Delta R.T. -0.03 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampled :

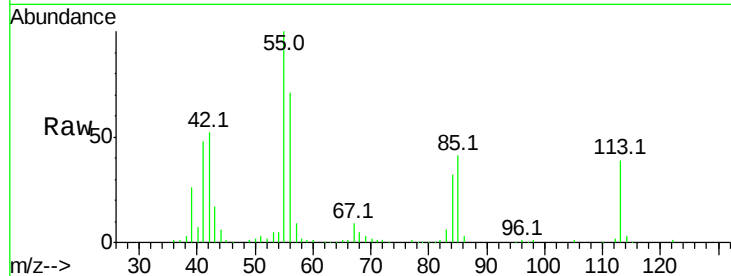
Tot Ion:113 Resp: 86724

Ion Ratio Lower Upper

113 100

55 253.5 119.2 159.2#

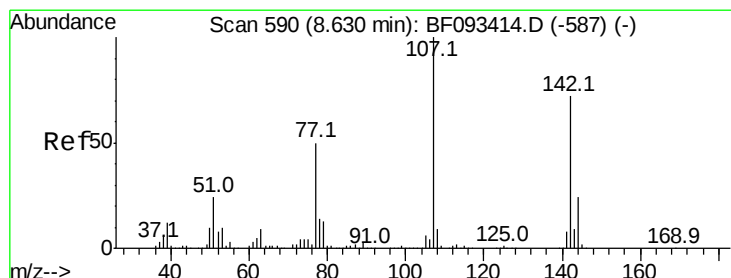
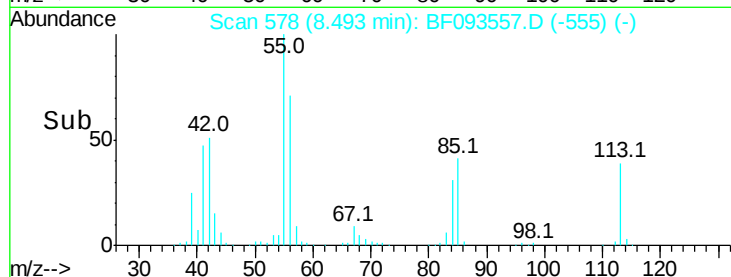
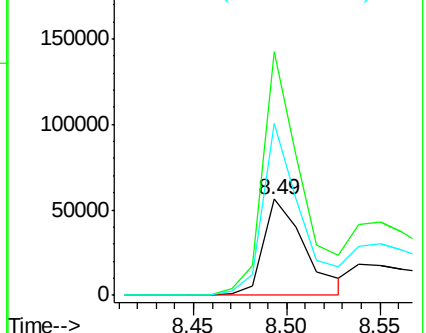
56 179.4 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.08 ng

RT: 8.62 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

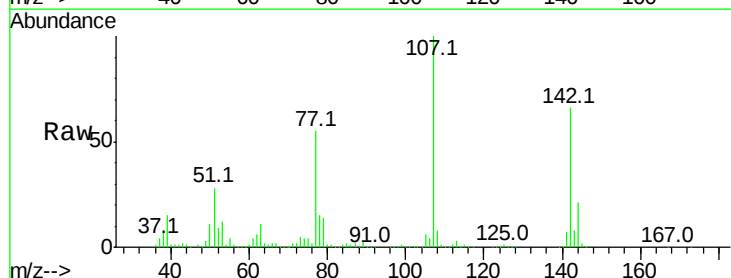
Tgt Ion:107 Resp: 511789

Ion Ratio Lower Upper

107 100

144 20.9 19.3 28.9

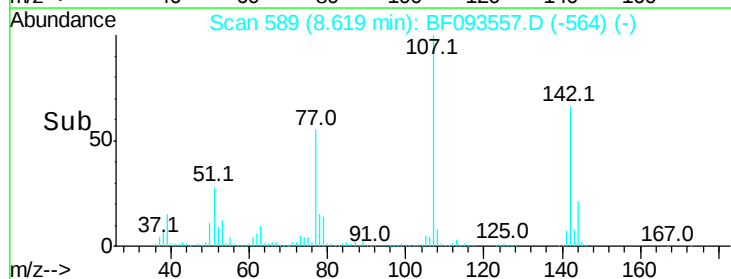
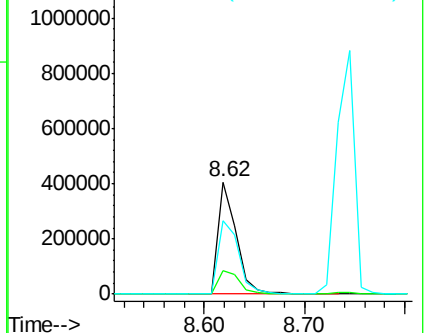
142 66.1 59.0 88.6

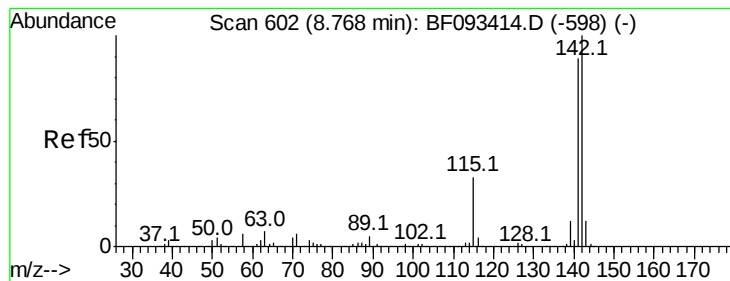


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



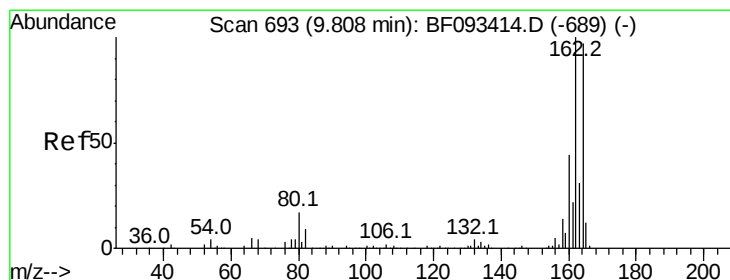
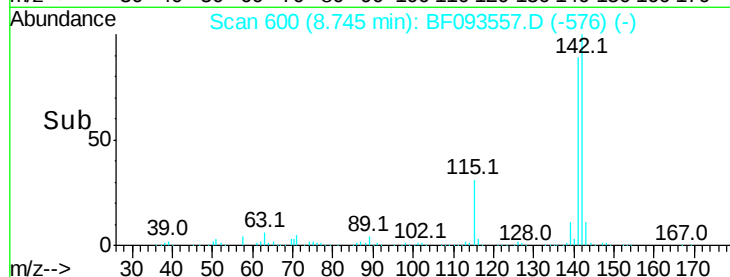
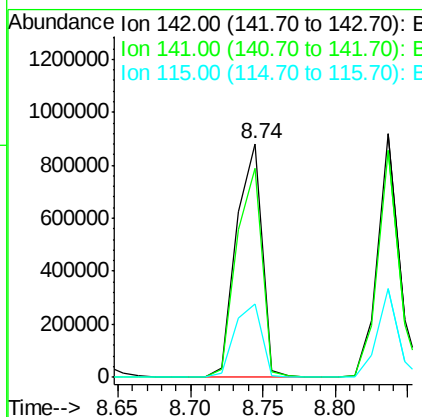
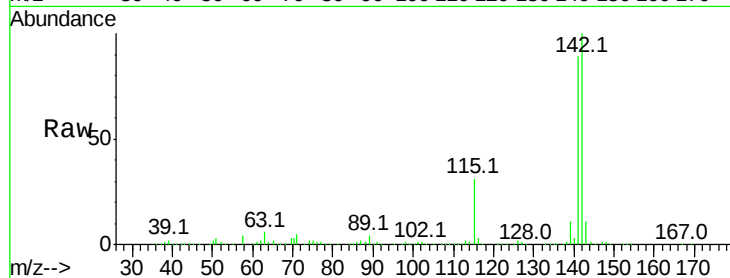


#37
 2-Methylnaphthalene
 Concen: 46.96 ng
 RT: 8.74 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1078167

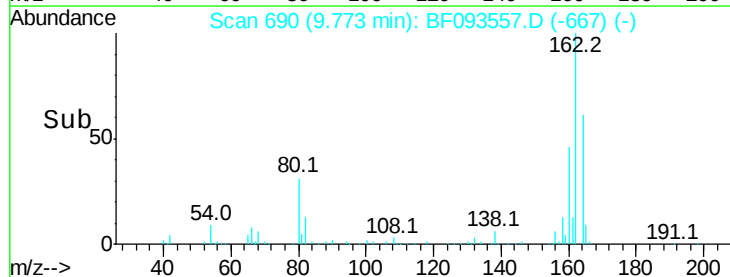
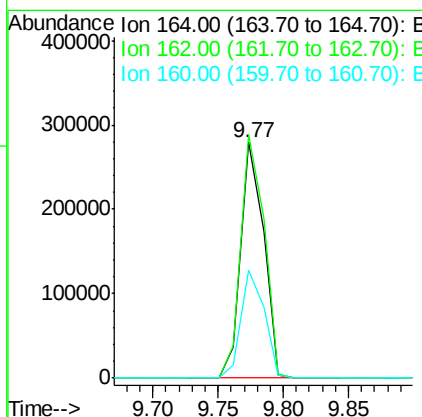
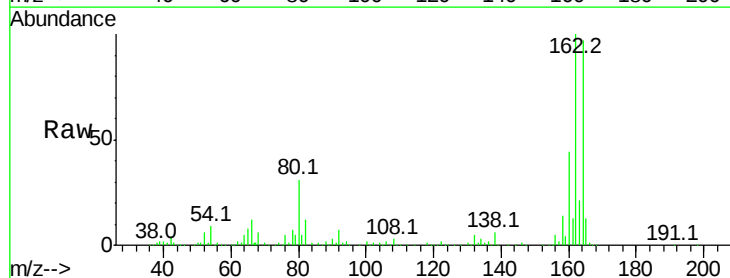
Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.6
115	31.4	28.3	42.5

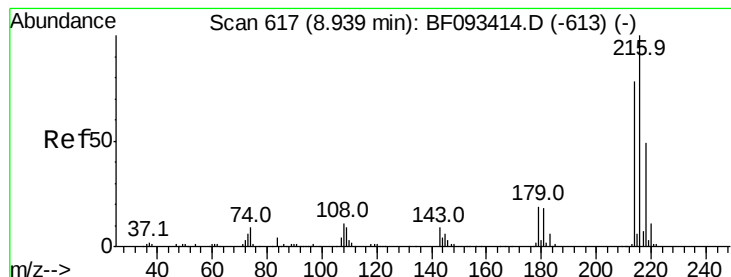


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Tgt Ion:164 Resp: 339758

Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.2	120.2
160	45.5	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.92 ng

RT: 8.90 min Scan# 614

Delta R.T. -0.03 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 453834

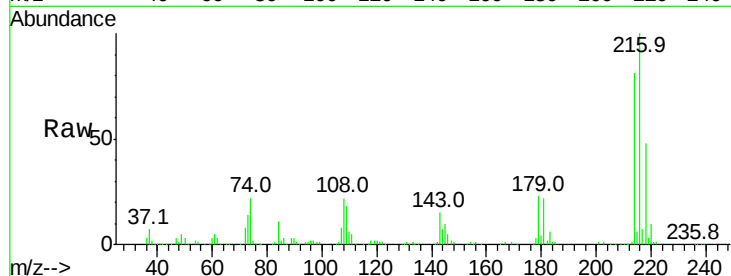
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.0

179 21.8 17.4 26.2

108 22.0 15.6 23.4

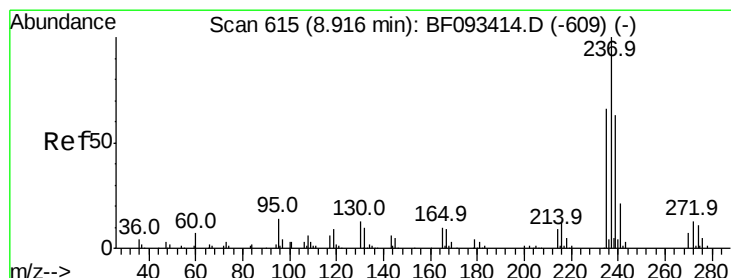
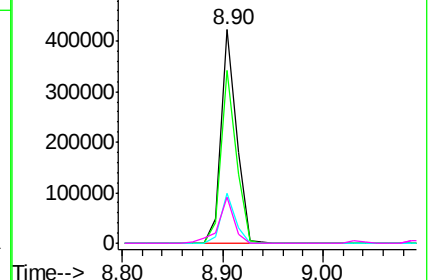
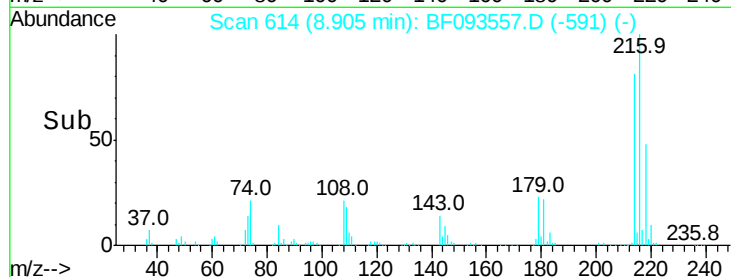


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 115.42 ng

RT: 8.88 min Scan# 612

Delta R.T. -0.03 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

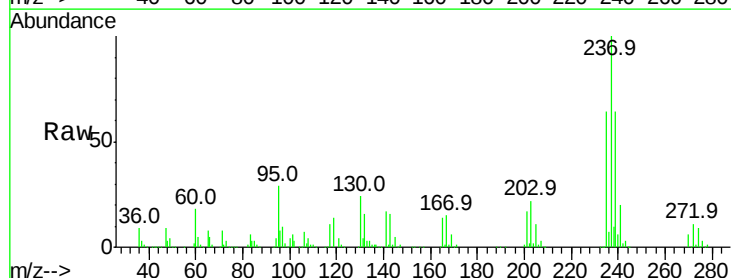
Tgt Ion:237 Resp: 284960

Ion Ratio Lower Upper

237 100

235 63.7 41.2 81.2

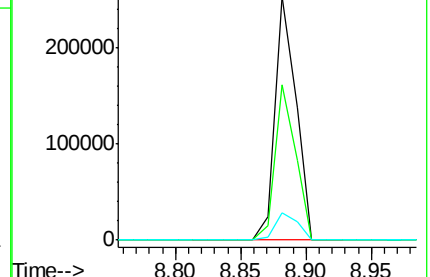
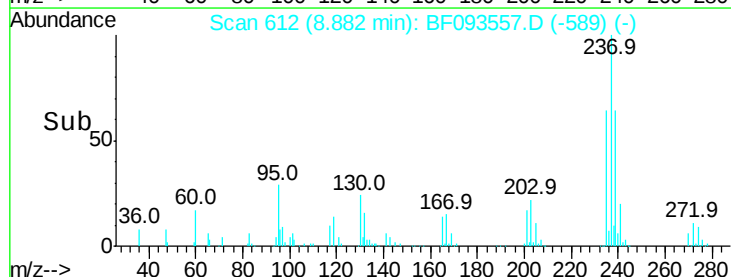
272 11.4 0.0 35.4

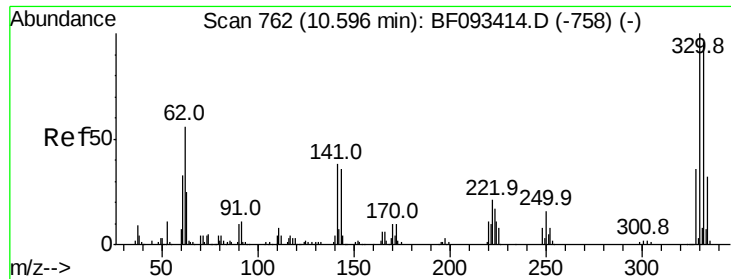


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

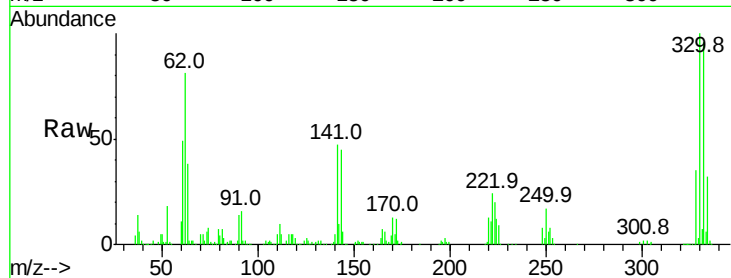




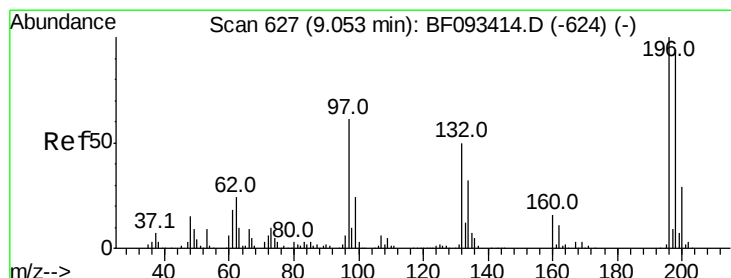
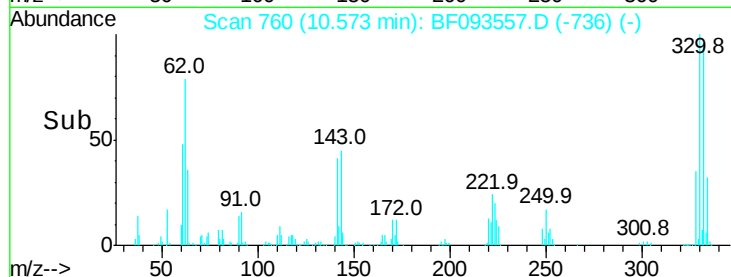
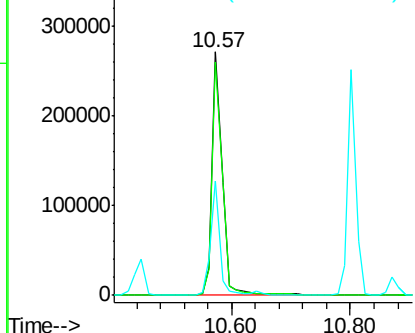
#41
 2,4,6-Tribromophenol
 Concen: 145.72 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	42.1	34.1	51.1

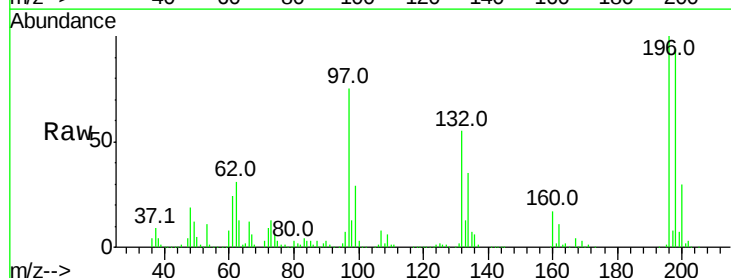


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

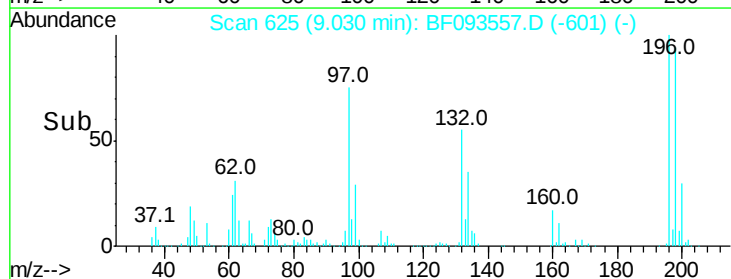
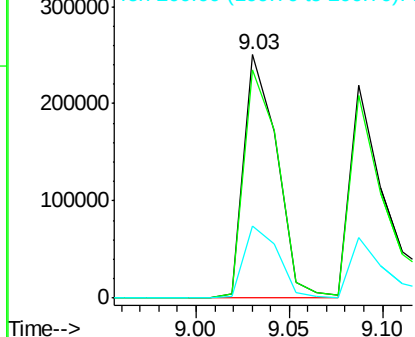


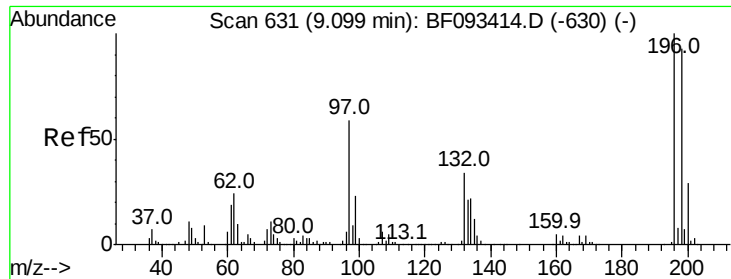
#42
 2,4,6-Trichlorophenol
 Concen: 53.35 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	82.1	123.1
200	29.5	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

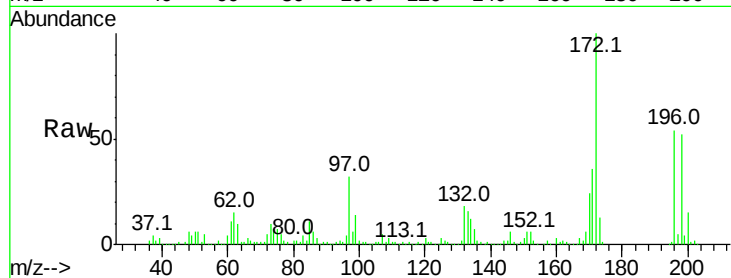




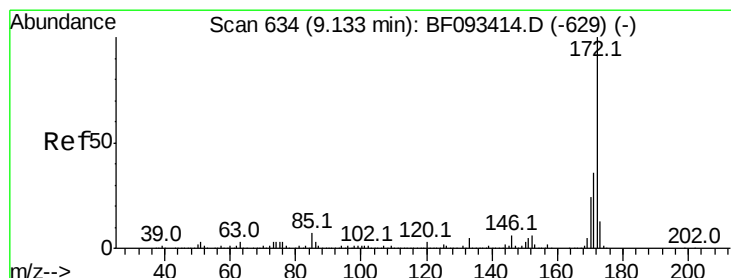
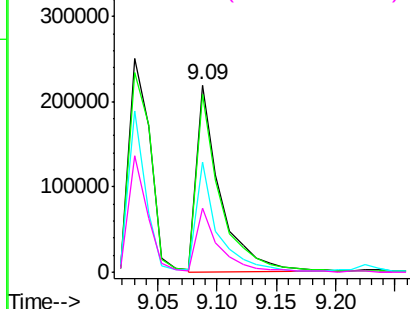
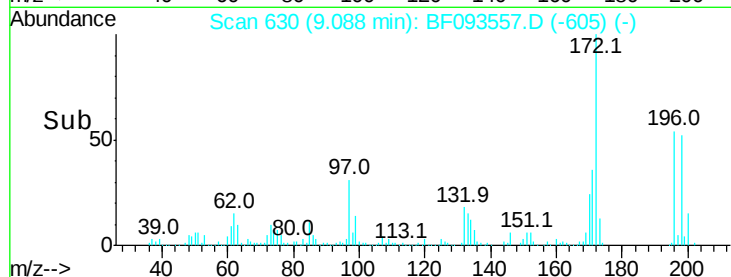
#43
 2,4,5-Trichlorophenol
 Concen: 49.06 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	305149
Ion	Ratio	Lower	Upper
196	100		
198	95.2	79.4	119.2
97	58.6	51.5	77.3
132	34.0	27.4	41.2

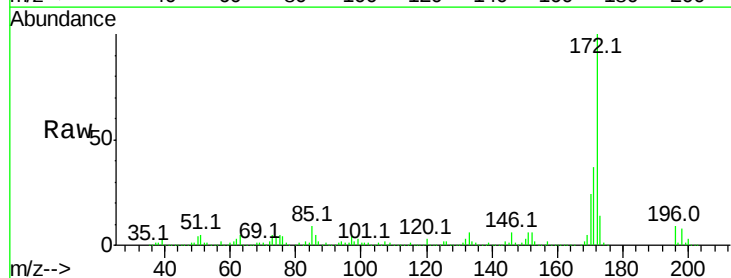


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

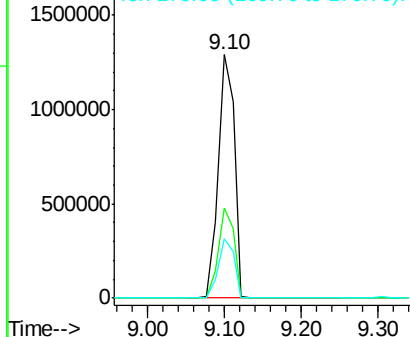
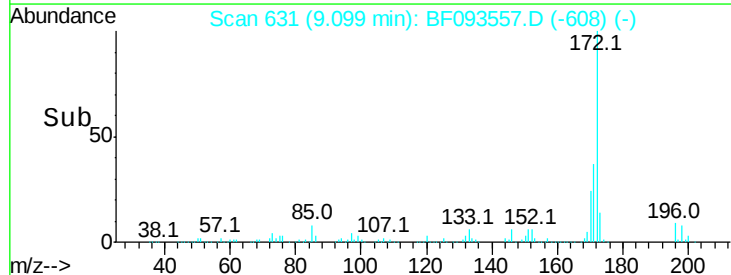


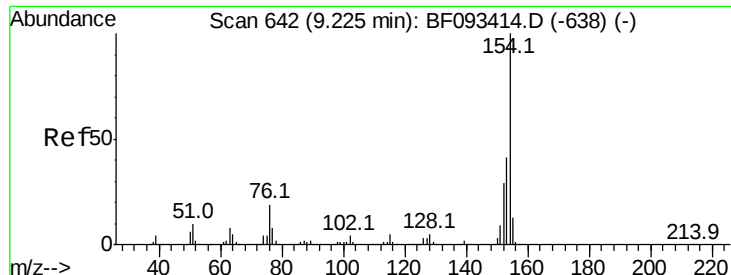
#44
 2-Fluorobiphenyl
 Concen: 104.04 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Tgt Ion:	172	Resp:	1900336
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.5	20.2	30.4



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





#45

1,1'-Biphenyl

Concen: 48.11 ng

RT: 9.20 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

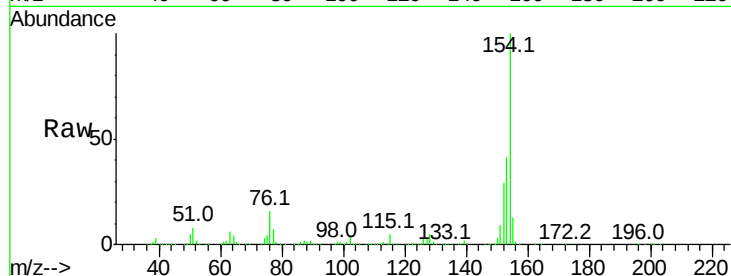
Tot Ion:154 Resp: 1190821

Ion Ratio Lower Upper

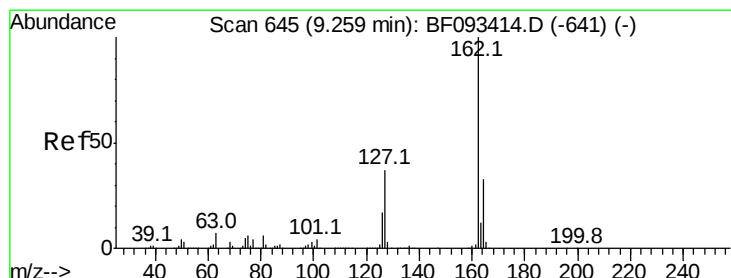
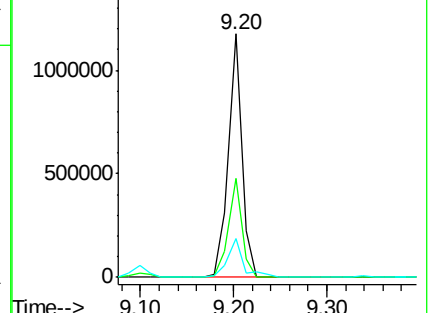
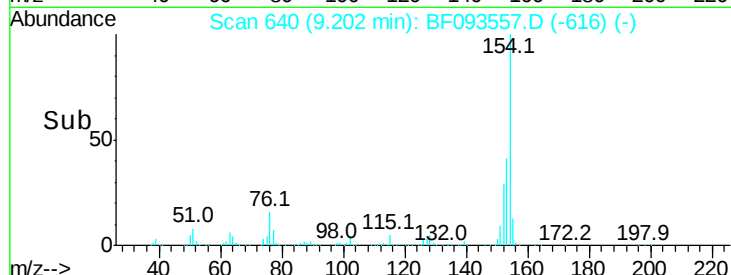
154 100

153 40.7 20.9 60.9

76 16.0 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): E



#46

2-Chloronaphthalene

Concen: 52.50 ng

RT: 9.22 min Scan# 642

Delta R.T. -0.03 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

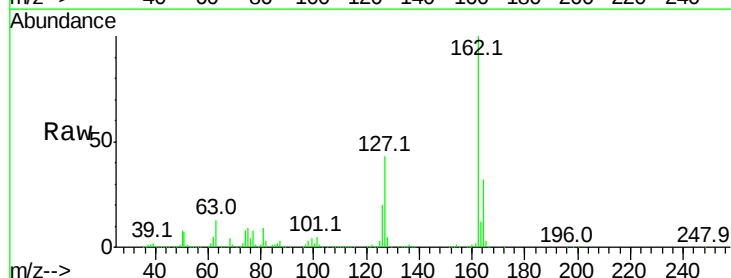
Tgt Ion:162 Resp: 994544

Ion Ratio Lower Upper

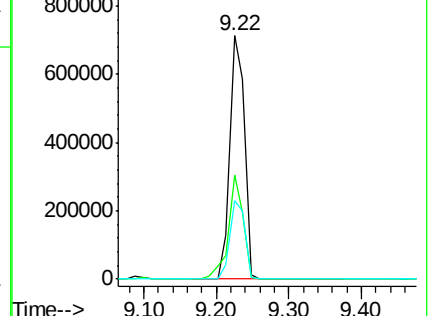
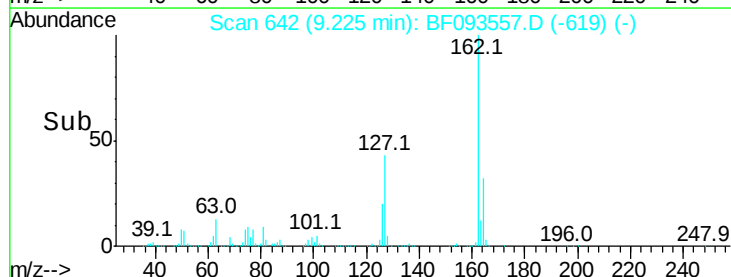
162 100

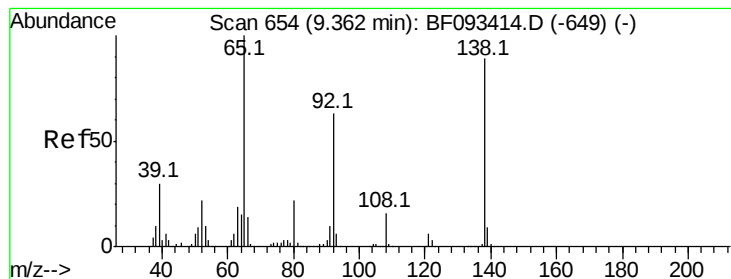
127 43.0 30.7 46.1

164 32.3 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

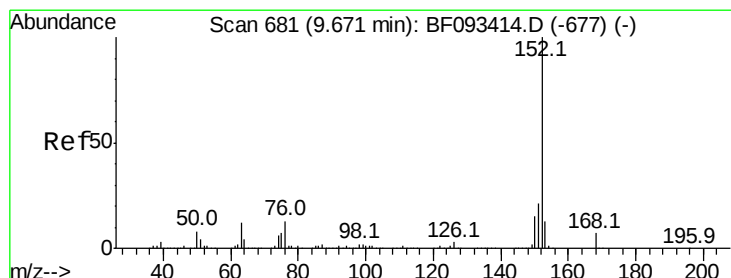
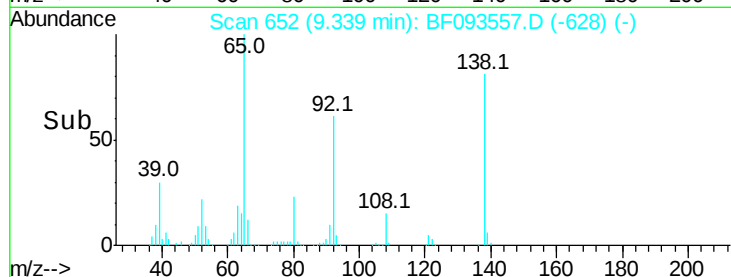
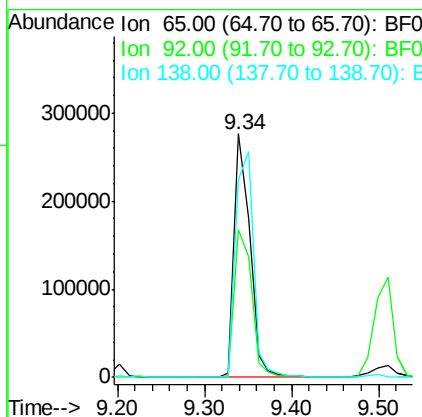
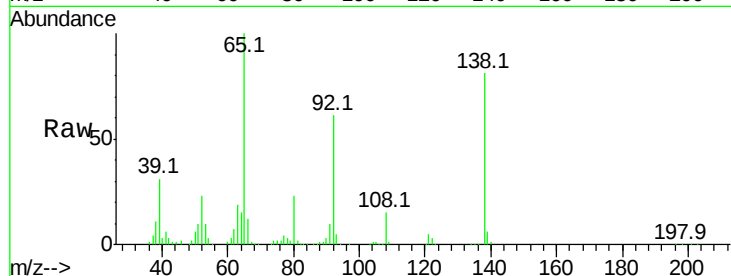




#47
 2-Nitroaniline
 Concen: 51.83 ng
 RT: 9.34 min Scan# 652
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

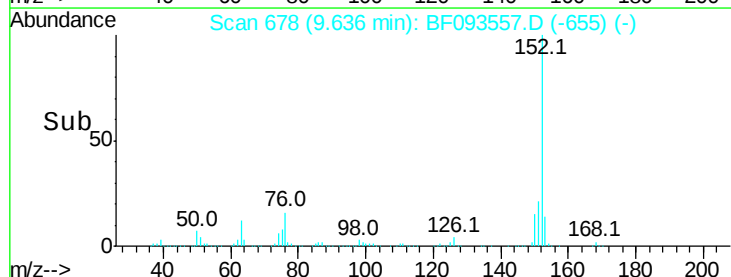
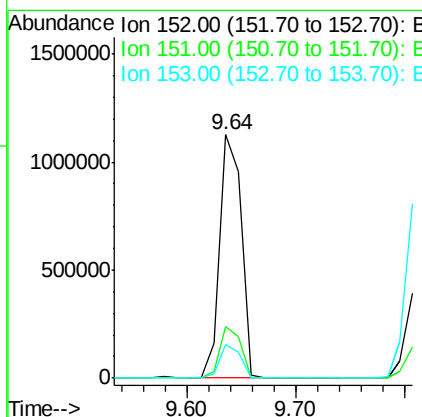
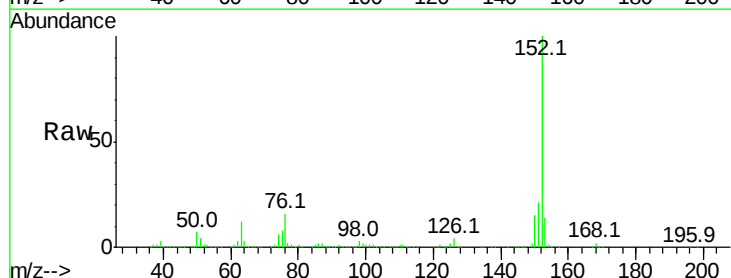
Instrument :
 BNA_F
 ClientSampleId :

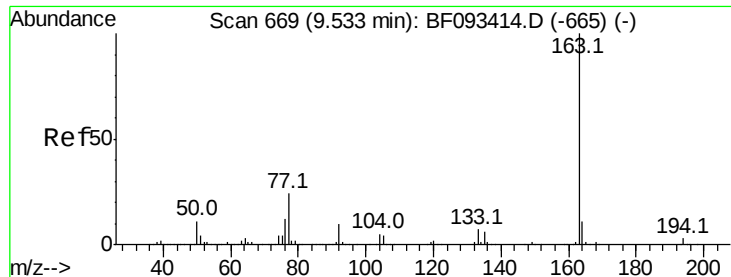
Tot Ion: 65 Resp: 347141
 Ion Ratio Lower Upper
 65 100
 92 60.9 53.9 80.9
 138 81.2 76.8 115.2



#48
 Acenaphthylene
 Concen: 49.79 ng
 RT: 9.64 min Scan# 678
 Delta R.T. -0.03 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Tgt Ion:152 Resp: 1555733
 Ion Ratio Lower Upper
 152 100
 151 21.4 16.9 25.3
 153 13.9 11.4 17.2

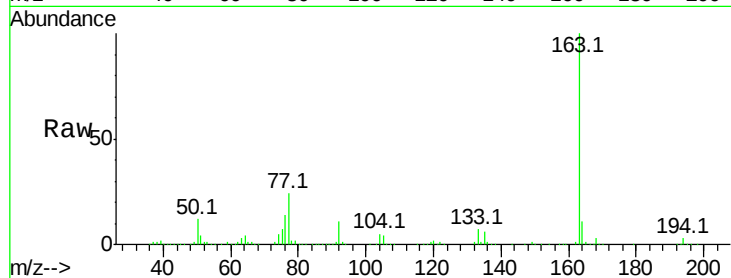




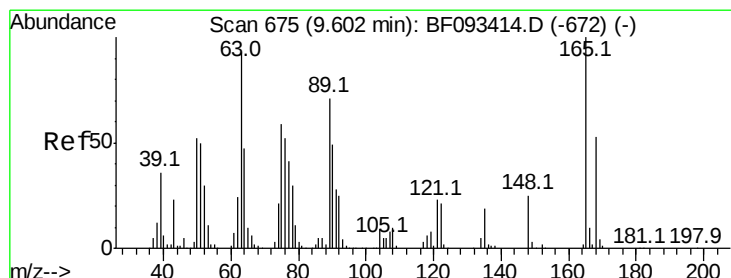
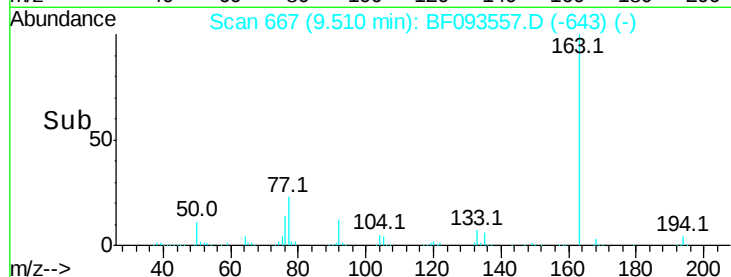
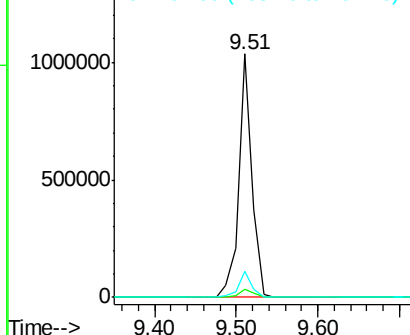
#49
Dimethylphthalate
Concen: 51.44 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1158577
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.7 8.0 12.0

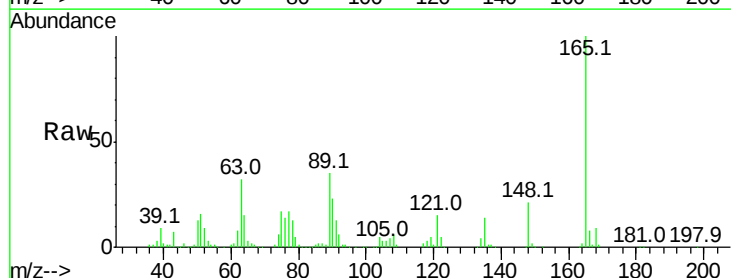


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

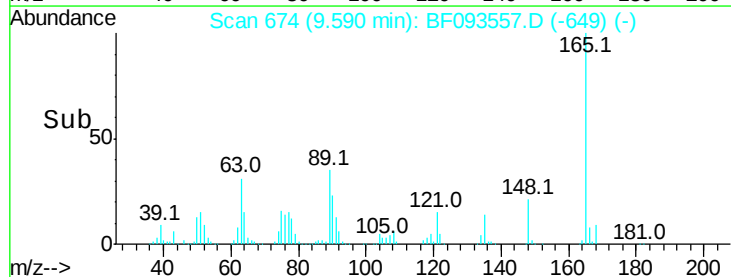
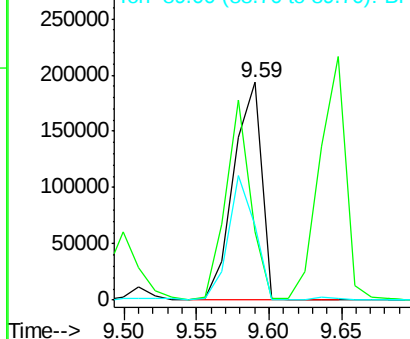


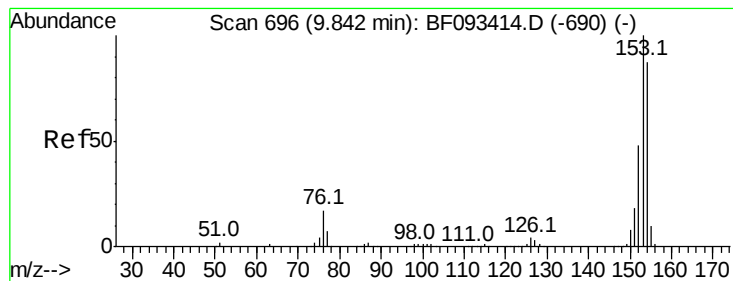
#50
2,6-Dinitrotoluene
Concen: 52.25 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion:165 Resp: 258264
Ion Ratio Lower Upper
165 100
63 31.5 36.2 54.4#
89 34.6 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: 48.36 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

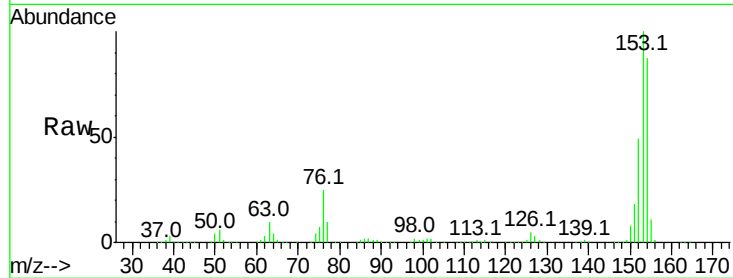
Tot Ion:154 Resp: 893594

Ion Ratio Lower Upper

154 100

153 114.3 88.6 133.0

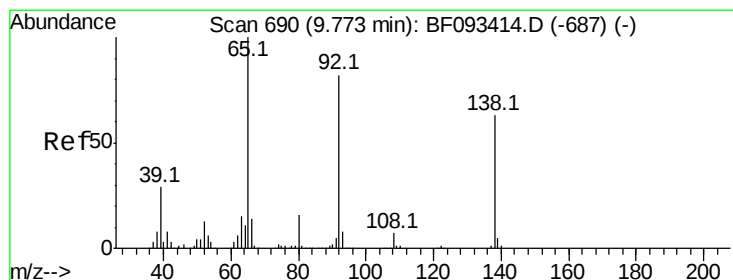
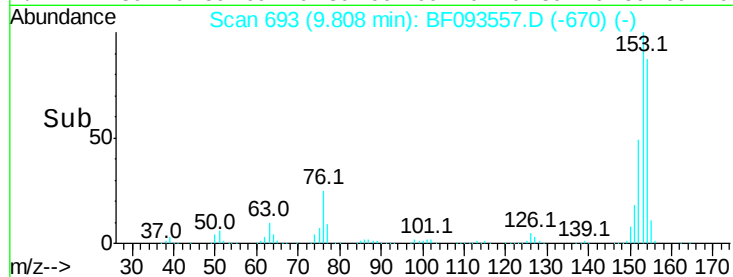
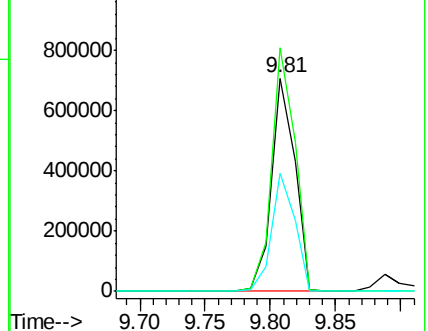
152 55.5 41.6 62.4



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: 6.61 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

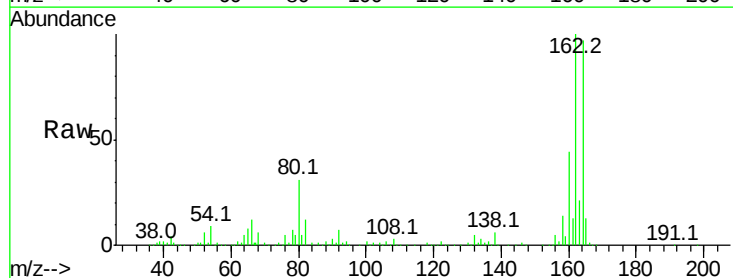
Tgt Ion:138 Resp: 39242

Ion Ratio Lower Upper

138 100

108 46.6 8.5 12.7#

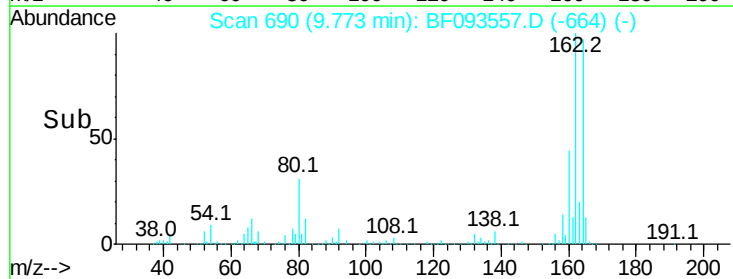
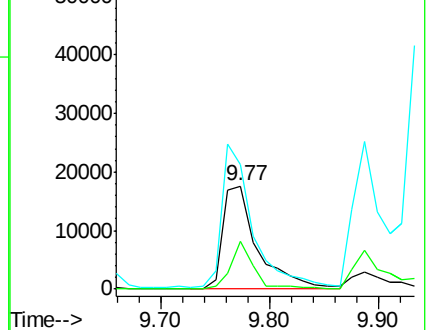
92 121.5 97.8 146.8

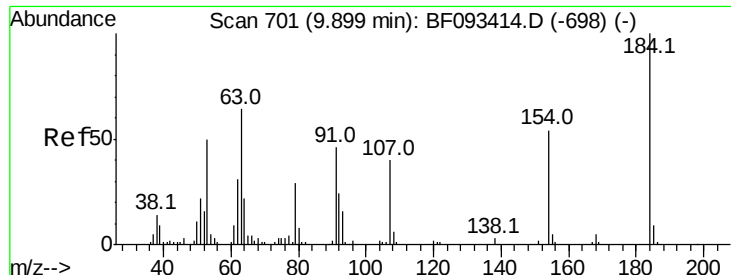


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

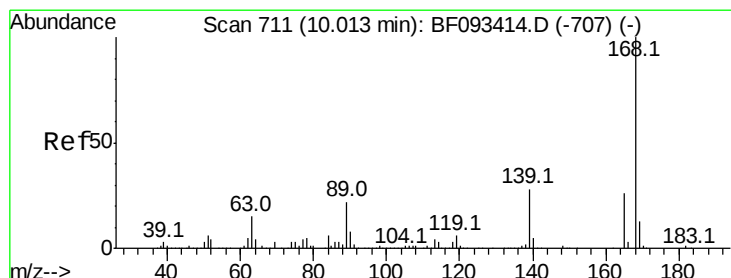
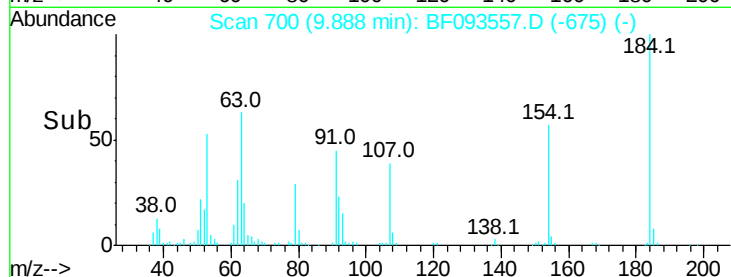
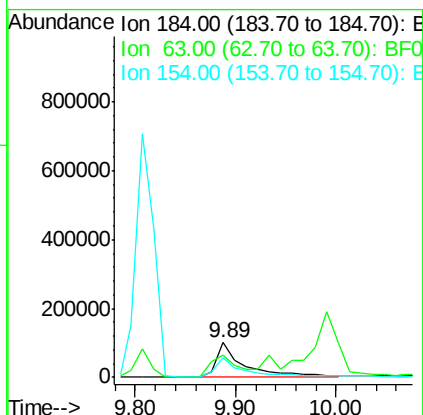
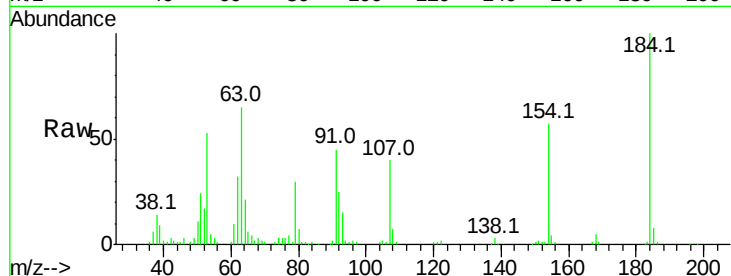




#53
2,4-Dinitrophenol
Concen: 87.36 ng
RT: 9.89 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

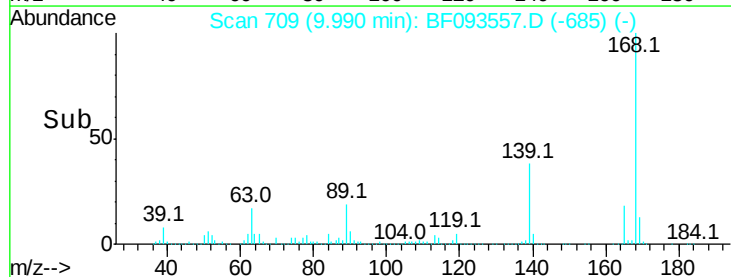
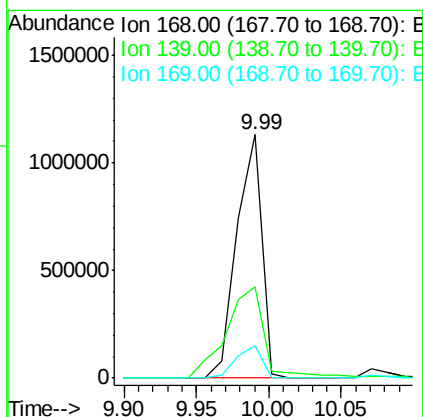
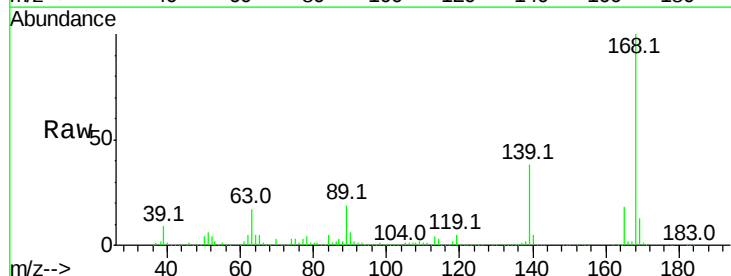
Instrument :
BNA_F
ClientSampled :

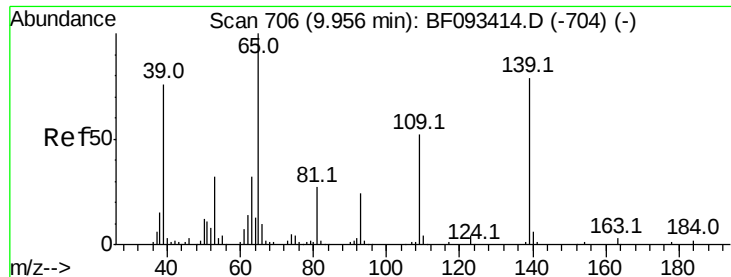
Tot Ion:184 Resp: 196630
Ion Ratio Lower Upper
184 100
63 65.1 28.4 42.6#
154 56.8 44.3 66.5



#54
Dibenzofuran
Concen: 58.73 ng
RT: 9.99 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion:168 Resp: 1358135
Ion Ratio Lower Upper
168 100
139 37.6 32.6 49.0
169 13.2 11.3 16.9

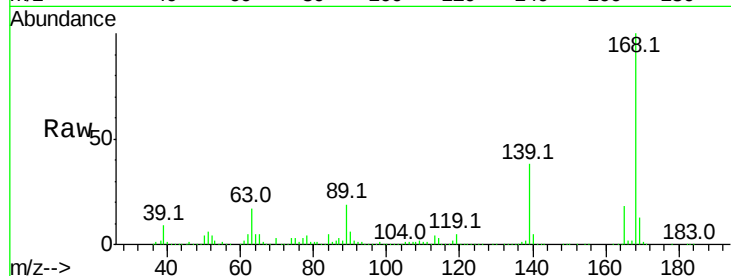




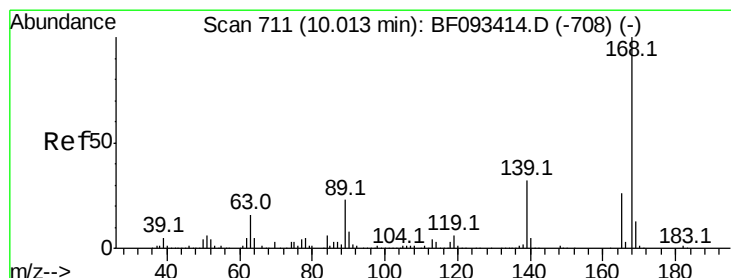
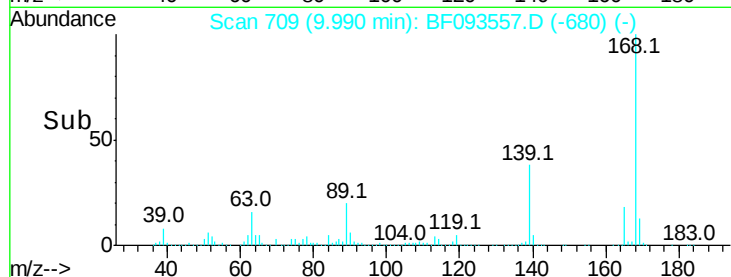
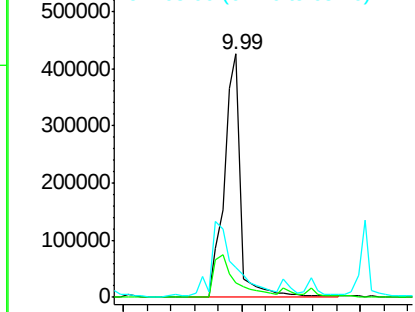
#55
4-Nitrophenol
Concen: 280.18 ng
RT: 9.99 min Scan# 709
Delta R.T. 0.03 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 808071
Ion Ratio Lower Upper
139 100
109 6.0 52.2 92.2#
65 12.5 85.8 125.8#

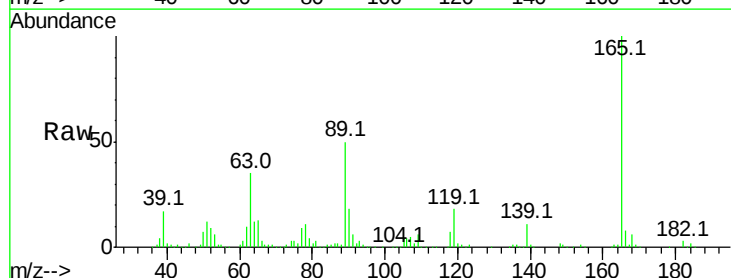


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

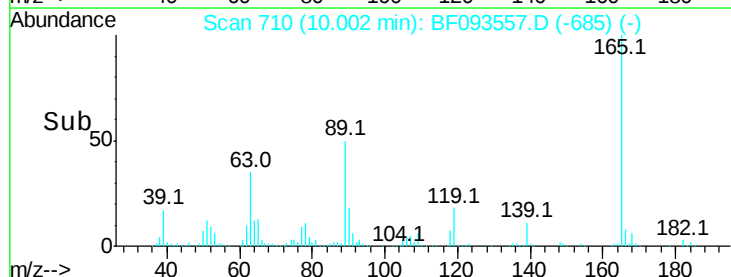
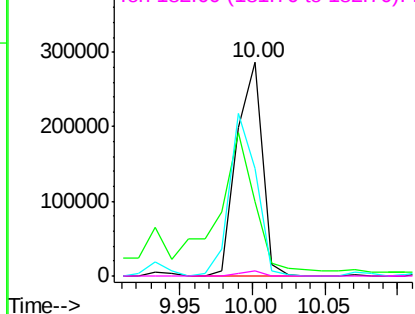


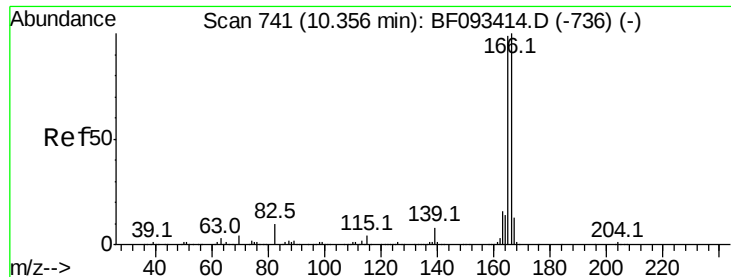
#56
2,4-Dinitrotoluene
Concen: 57.79 ng
RT: 10.00 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion:165 Resp: 350886
Ion Ratio Lower Upper
165 100
63 34.9 40.2 60.4#
89 50.1 62.5 93.7#
182 2.6 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

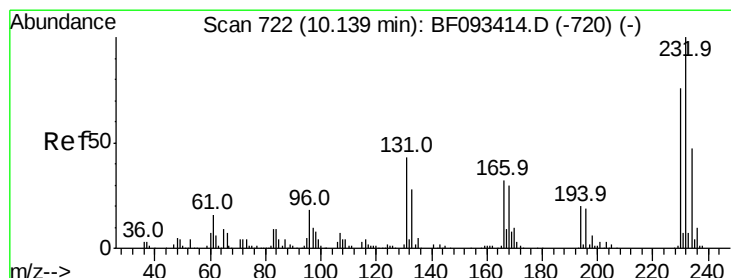
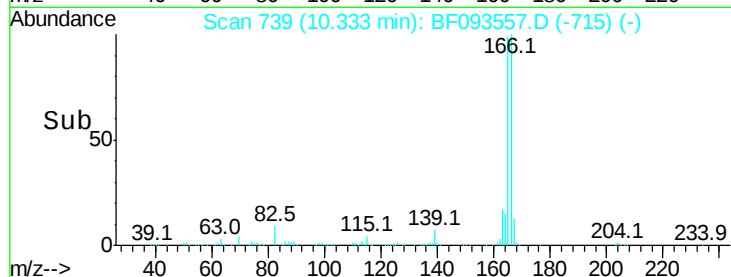
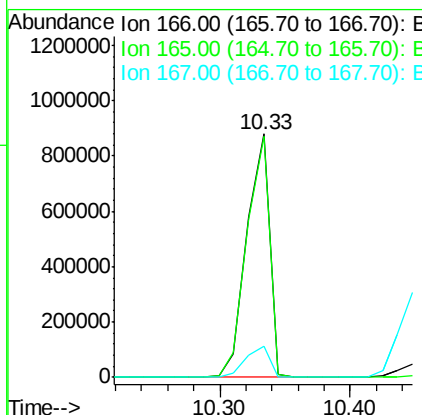
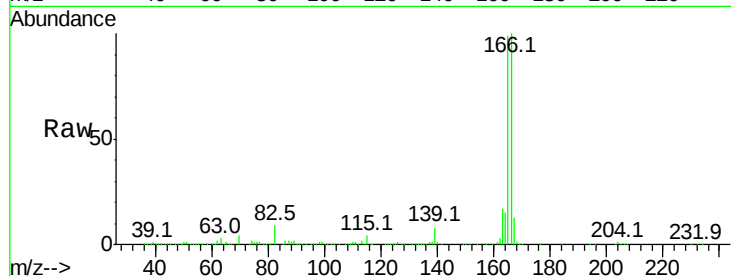




#57
 Fluorene
 Concen: 54.64 ng
 RT: 10.33 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

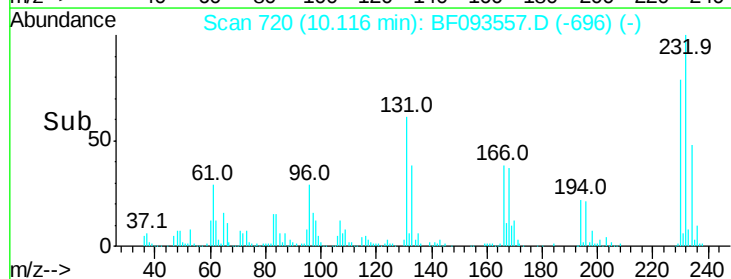
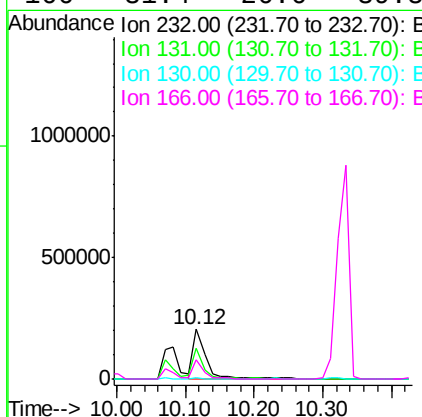
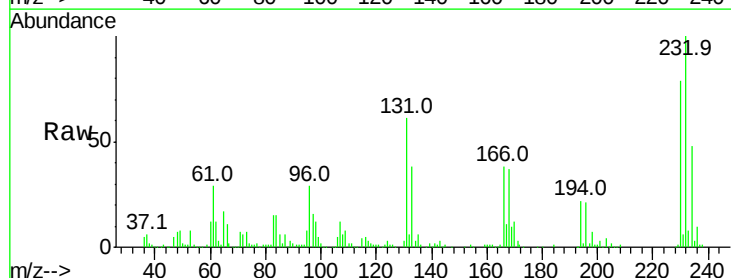
Instrument :
 BNA_F
 ClientSampleId :

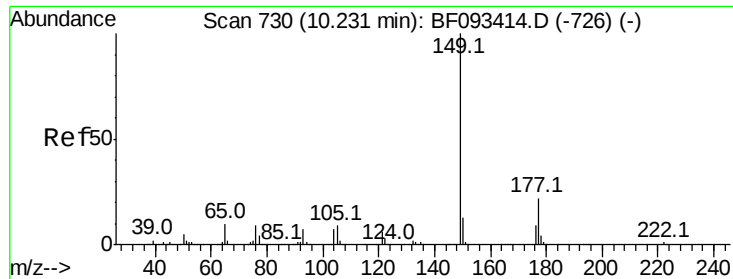
Tot Ion:166 Resp: 1070793
 Ion Ratio Lower Upper
 166 100
 165 98.8 77.8 116.8
 167 13.0 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 59.04 ng
 RT: 10.12 min Scan# 720
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Tgt Ion:232 Resp: 259145
 Ion Ratio Lower Upper
 232 100
 131 48.3 40.1 60.1
 130 3.0 1.8 2.8#
 166 31.4 26.6 39.8

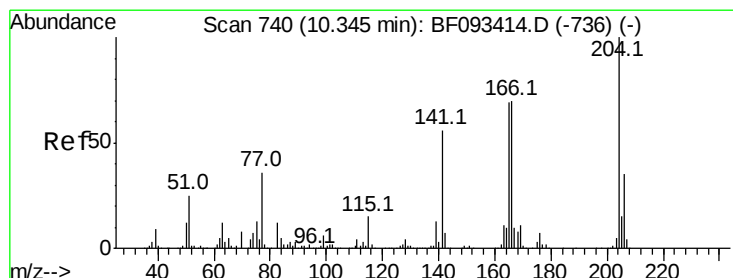
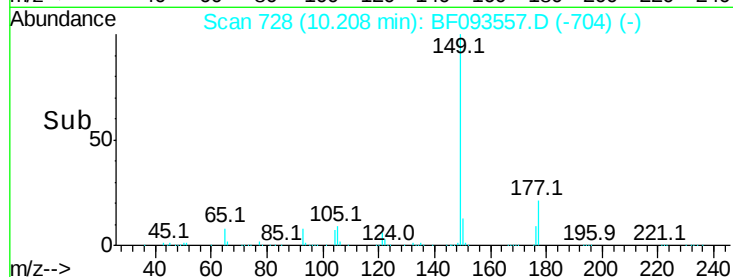
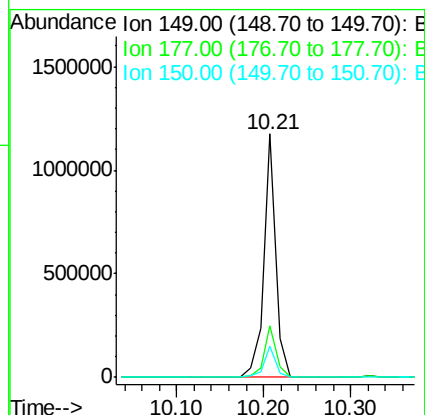
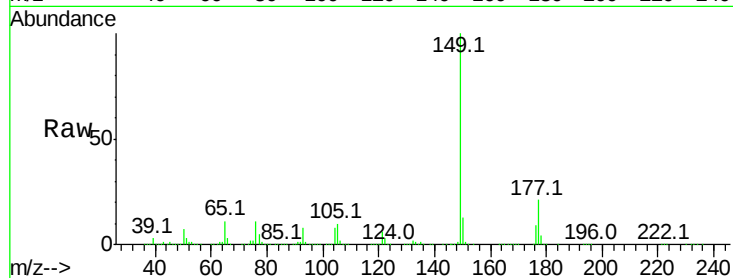




#59
Diethylphthalate
Concen: 52.79 ng
RT: 10.21 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

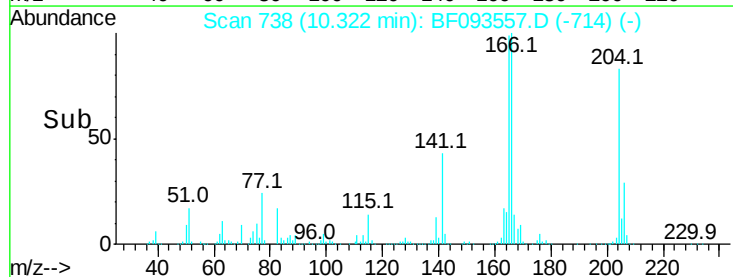
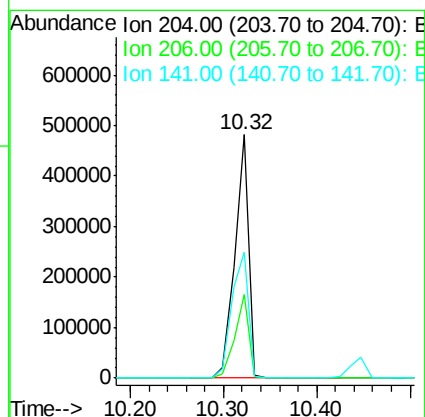
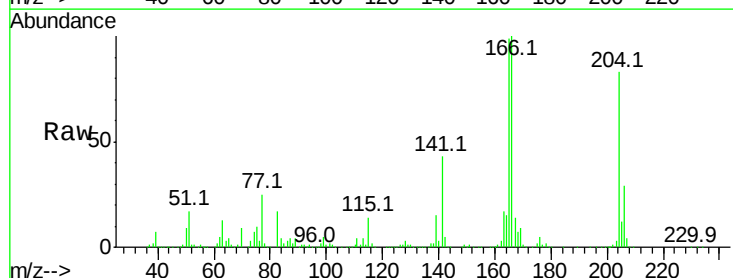
Instrument :
BNA_F
ClientSampled :

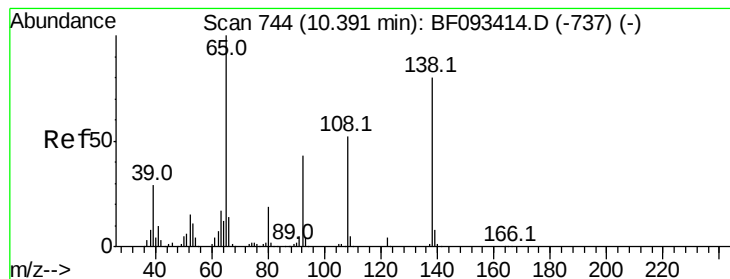
Tot Ion:149 Resp: 1136478
Ion Ratio Lower Upper
149 100
177 21.0 16.6 25.0
150 12.7 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 57.14 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion:204 Resp: 501888
Ion Ratio Lower Upper
204 100
206 34.5 25.8 38.6
141 51.5 59.4 89.0#





#61

4-Nitroaniline

Concen: 38.90 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

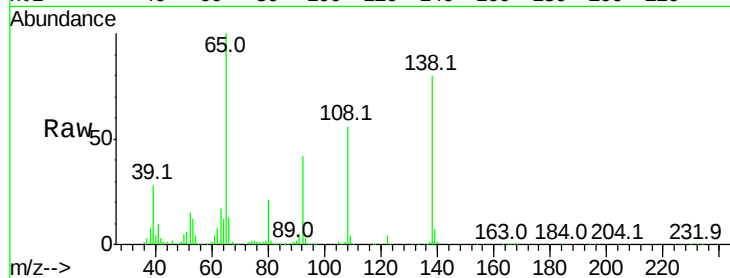
Tot Ion:138 Resp: 236231

Ion Ratio Lower Upper

138 100

92 53.4 31.7 71.7

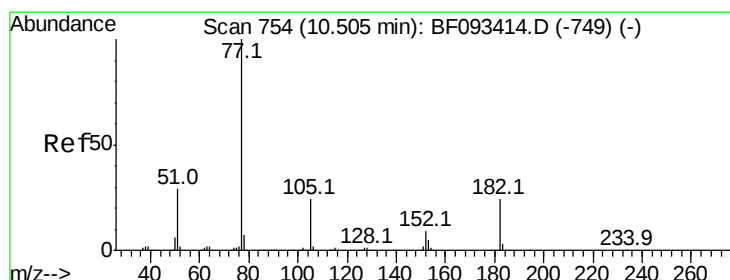
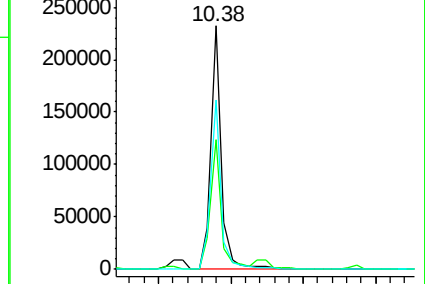
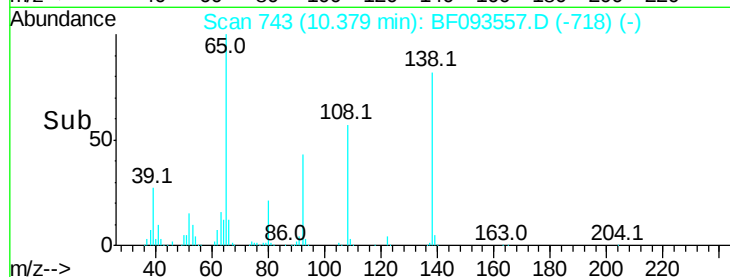
108 69.8 52.6 92.6



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: 63.92 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Tgt Ion: 77 Resp: 1563515

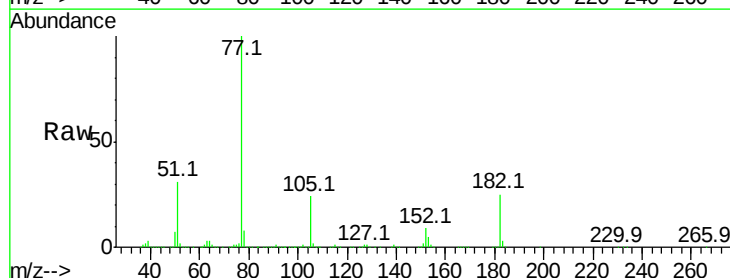
Ion Ratio Lower Upper

77 100

182 24.6 0.0 39.3

105 24.2 2.3 42.3

51 31.1 8.9 48.9

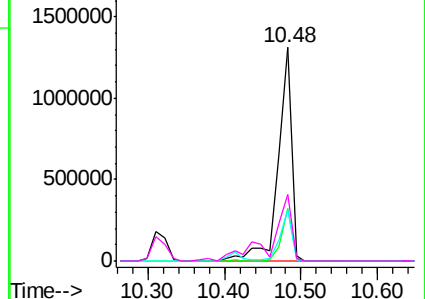
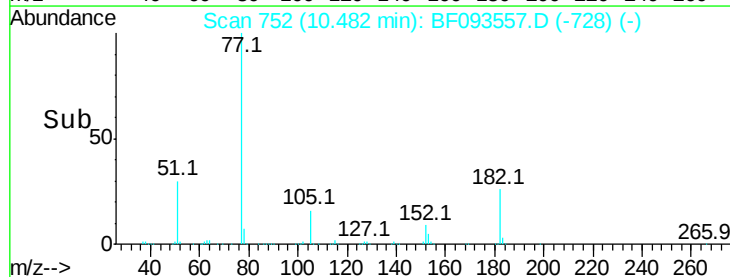


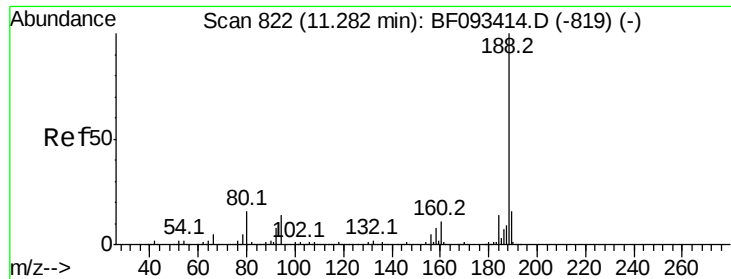
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

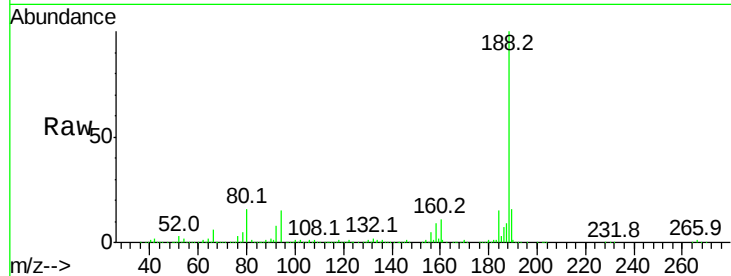




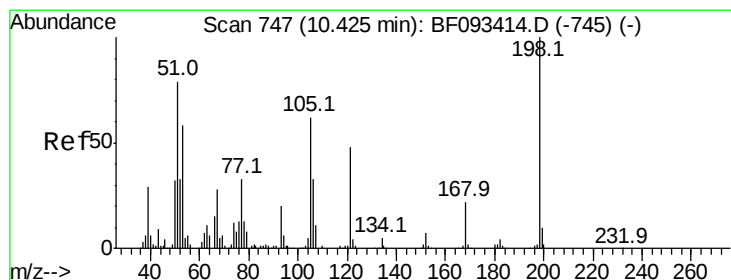
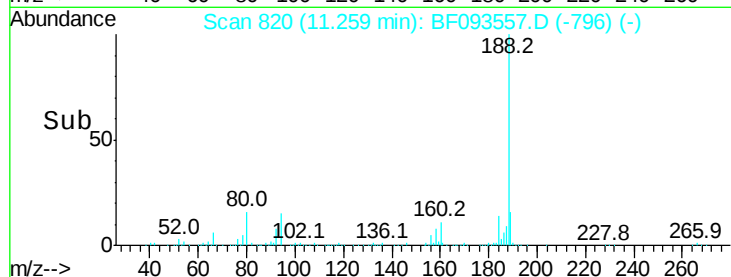
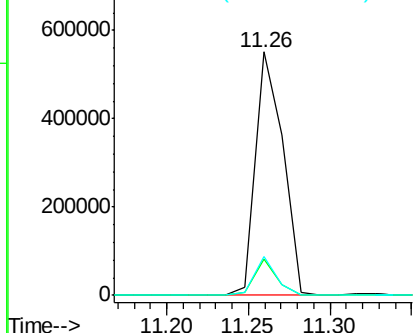
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 646360
Ion Ratio Lower Upper
188 100
94 15.1 10.0 15.0#
80 16.0 11.2 16.8

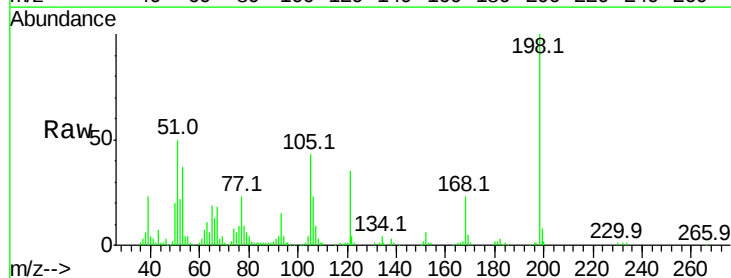


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

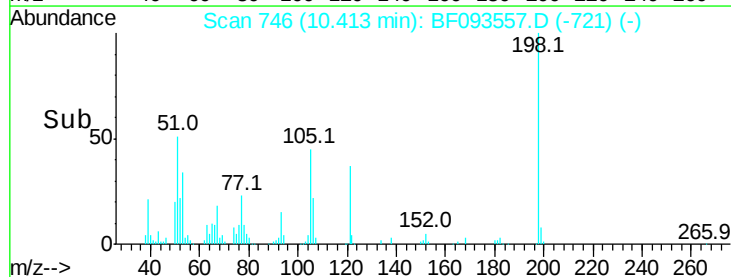
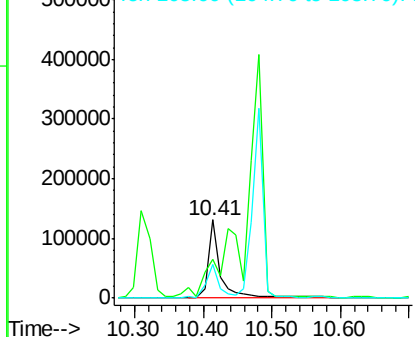


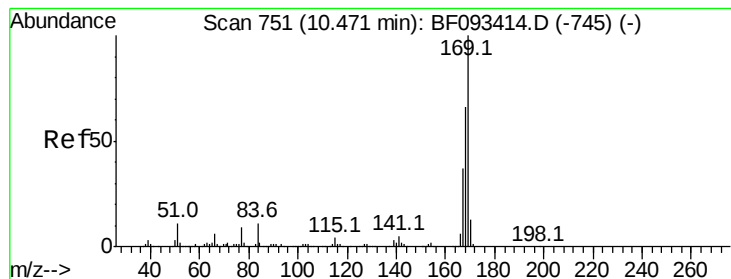
#64
4,6-Dinitro-2-methylphenol
Concen: 40.08 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion:198 Resp: 167833
Ion Ratio Lower Upper
198 100
51 50.4 6.7 46.7#
105 43.4 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.71 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

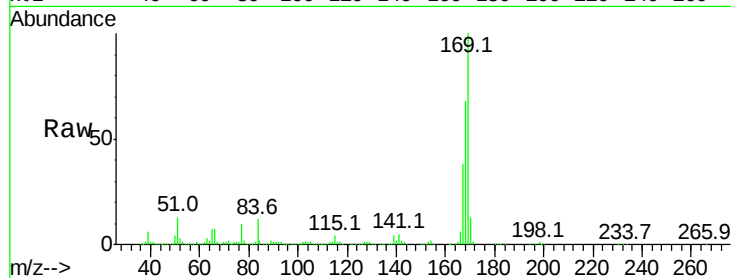
Tot Ion:169 Resp: 900229

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.2

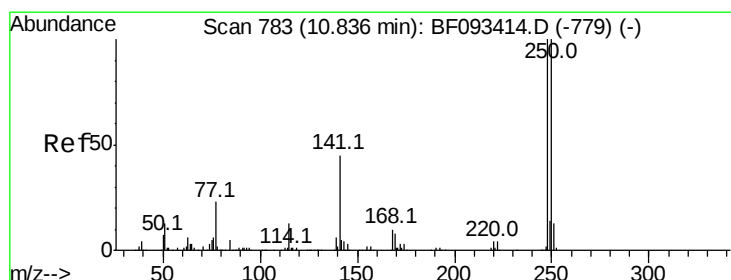
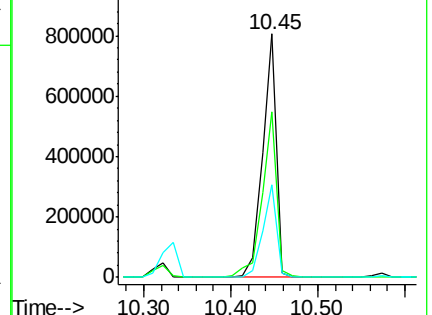
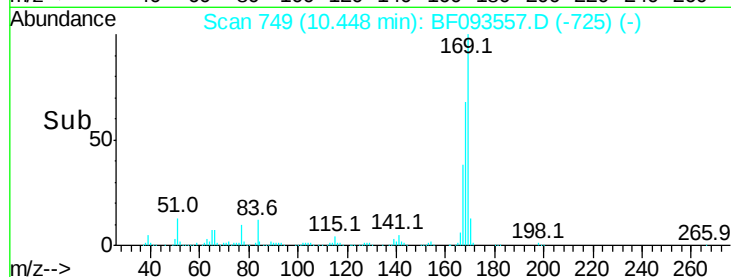
167 38.1 30.2 45.4



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: 41.32 ng

RT: 10.80 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

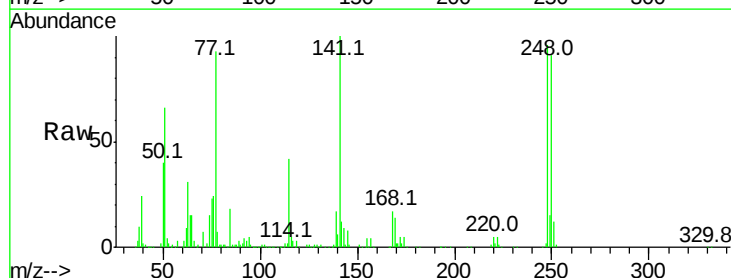
Tgt Ion:248 Resp: 282392

Ion Ratio Lower Upper

248 100

250 95.6 76.9 115.3

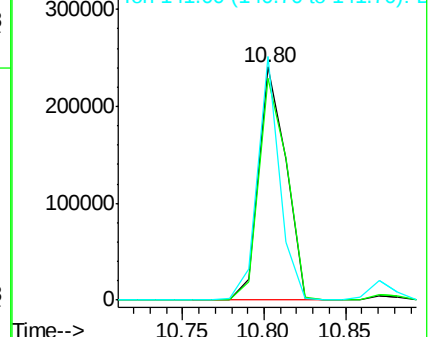
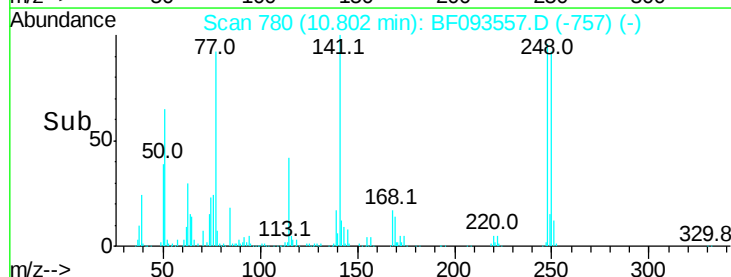
141 104.6 68.2 102.4#

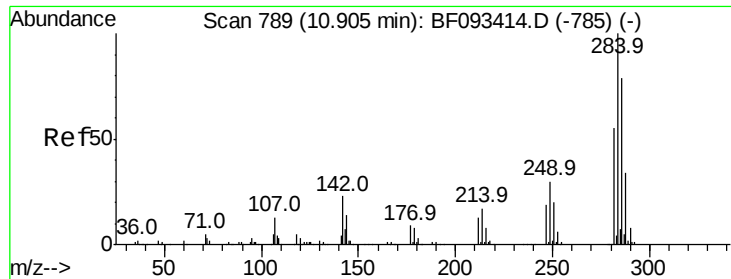


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.16 ng

RT: 10.88 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

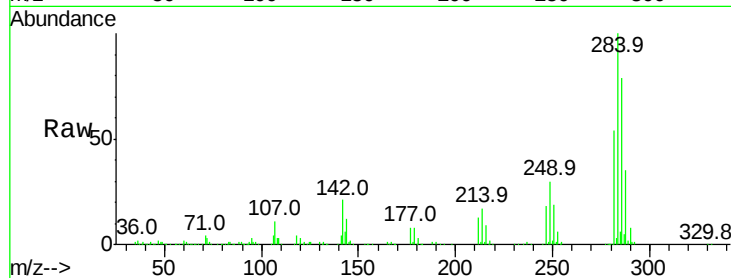
Tot Ion:284 Resp: 281668

Ion Ratio Lower Upper

284 100

142 21.3 22.6 33.8#

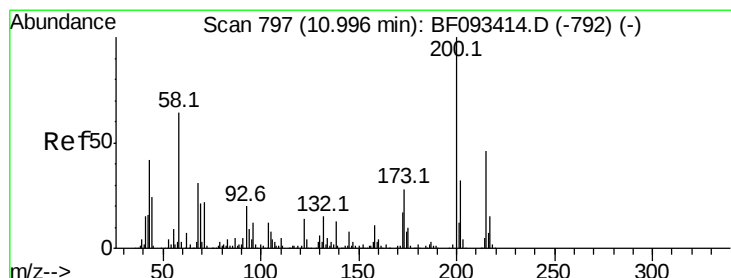
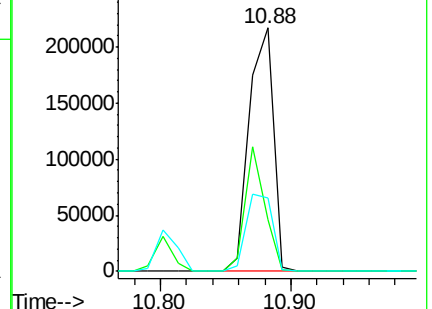
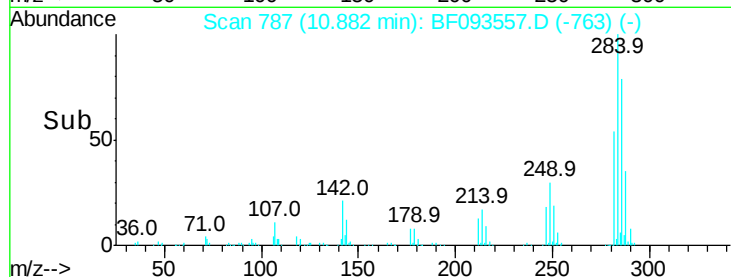
249 29.9 25.4 38.0



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: 35.81 ng

RT: 10.97 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

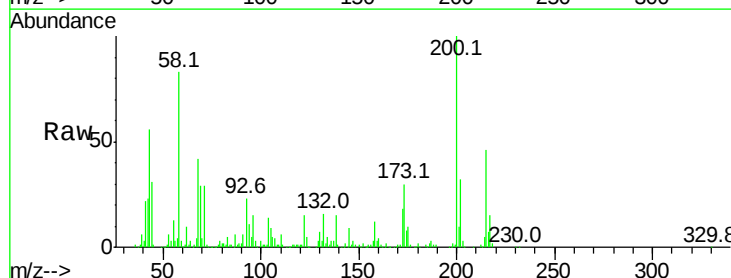
Tgt Ion:200 Resp: 226211

Ion Ratio Lower Upper

200 100

173 29.7 9.6 49.6

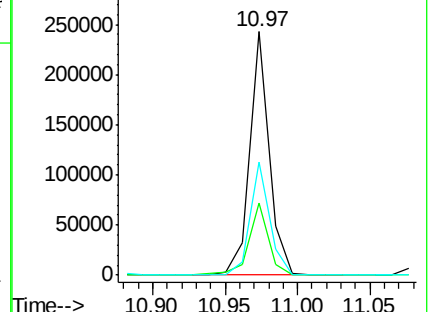
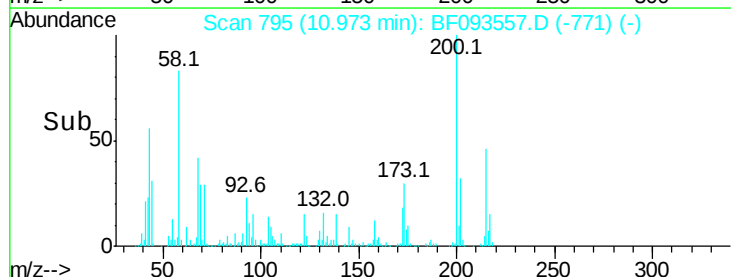
215 46.2 25.7 65.7

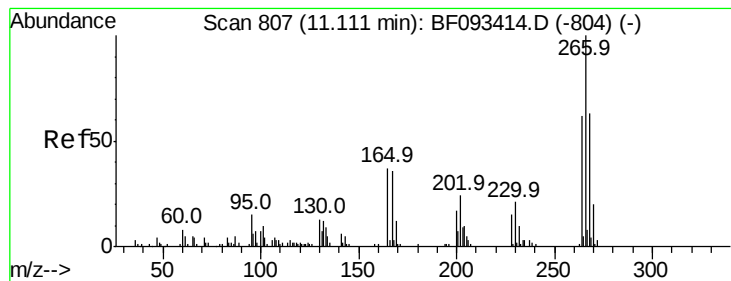


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 82.72 ng

RT: 11.09 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

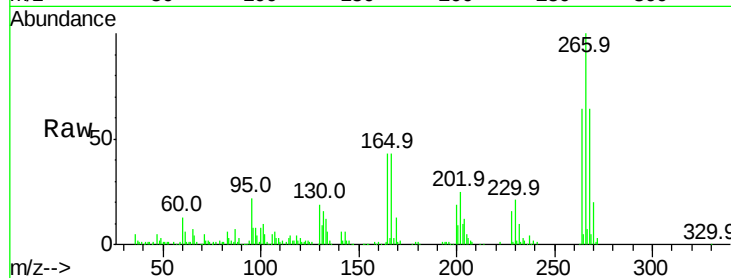
Tot Ion:266 Resp: 186388

Ion Ratio Lower Upper

266 100

268 63.8 53.3 79.9

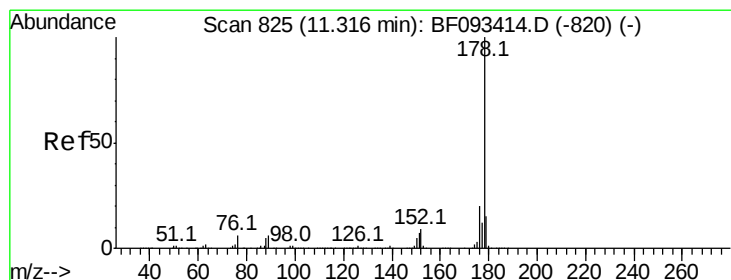
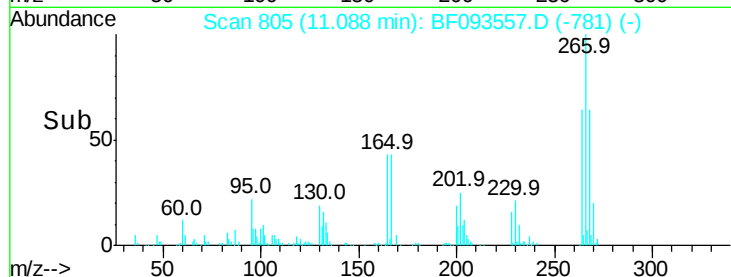
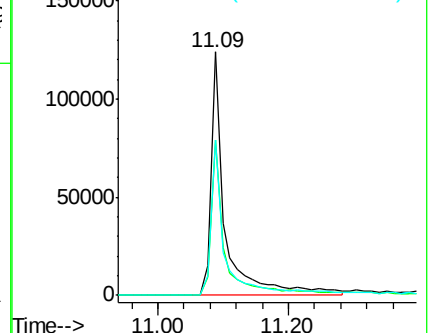
264 63.5 50.3 75.5



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: 44.08 ng

RT: 11.29 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

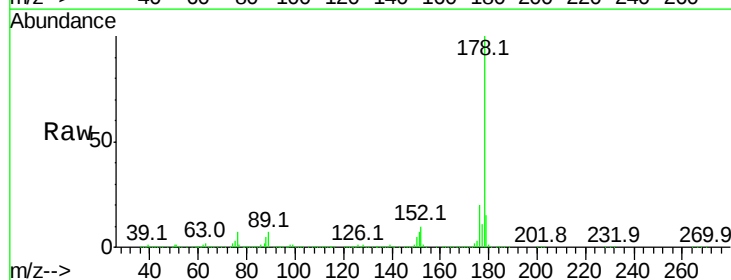
Tgt Ion:178 Resp: 1626183

Ion Ratio Lower Upper

178 100

176 20.3 16.6 25.0

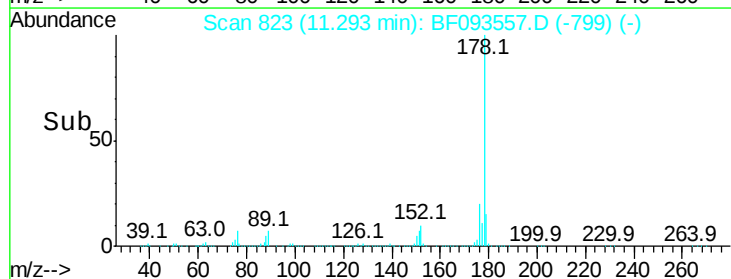
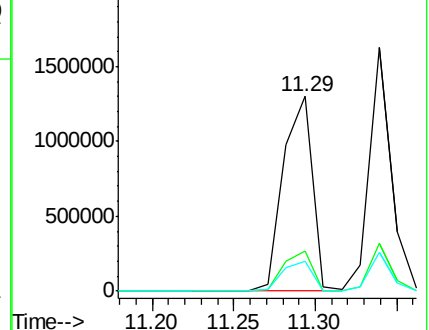
179 15.1 12.8 19.2

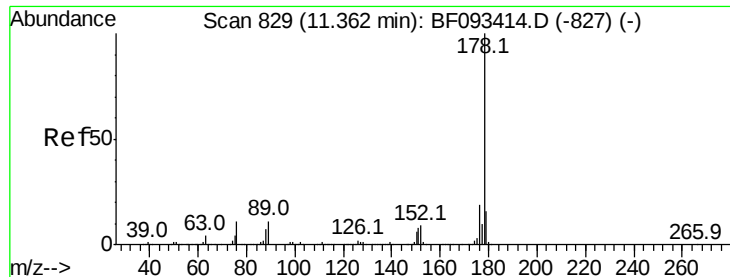


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

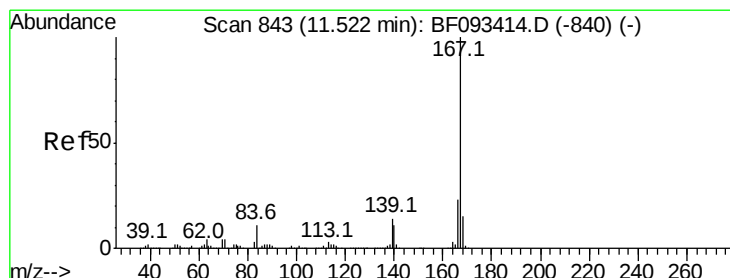
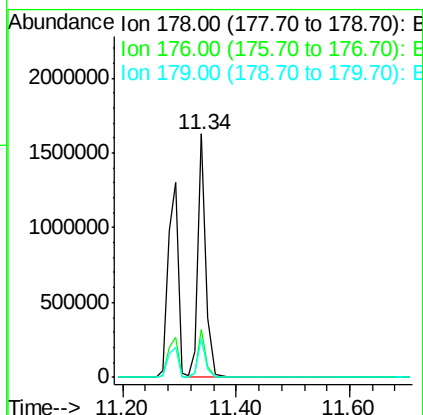
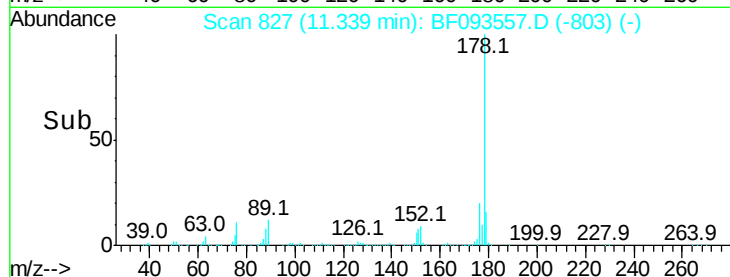
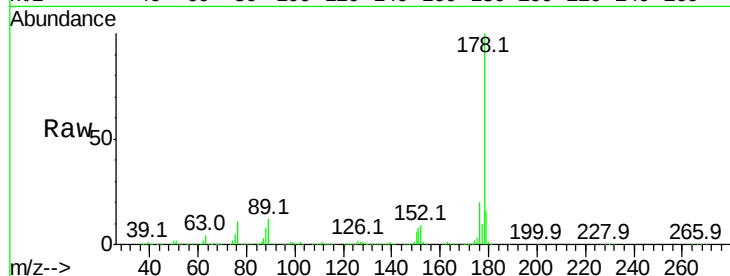




#71
 Anthracene
 Concen: 41.46 ng
 RT: 11.34 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

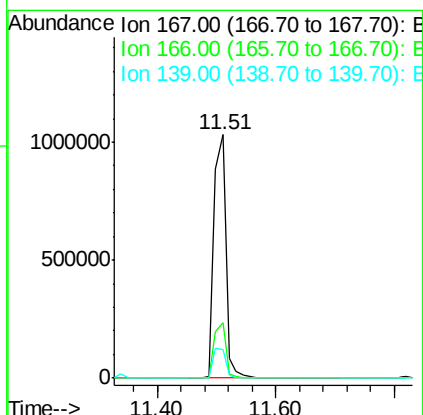
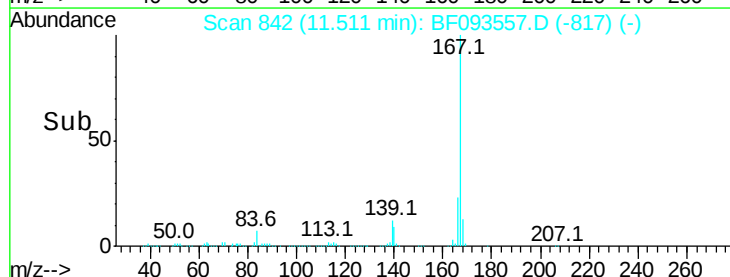
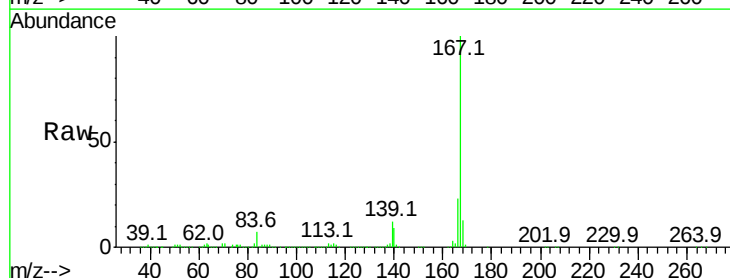
Instrument :
 BNA_F
 ClientSampleId :

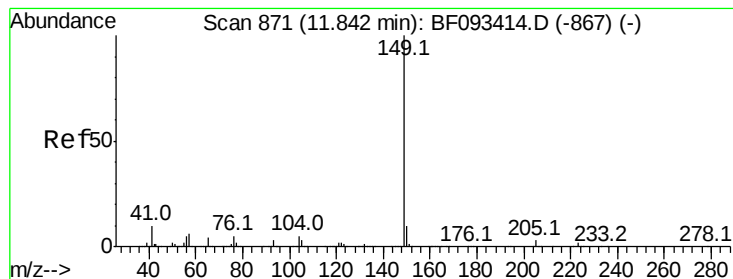
Tot Ion:178 Resp: 1547275
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 15.8 13.2 19.8



#72
 Carbazole
 Concen: 40.39 ng
 RT: 11.51 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF093557.D
 Acq: 11 Mar 2017 7:39

Tgt Ion:167 Resp: 1416148
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 11.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 45.48 ng

RT: 11.82 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

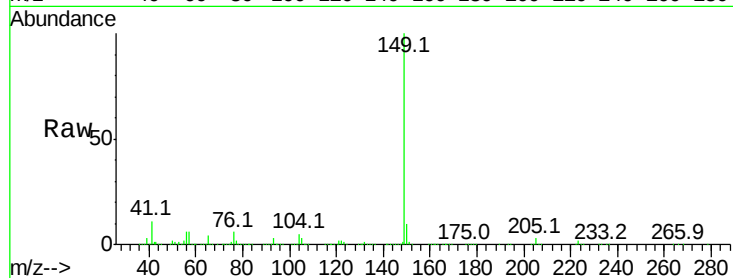
Tot Ion:149 Resp: 1844694

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

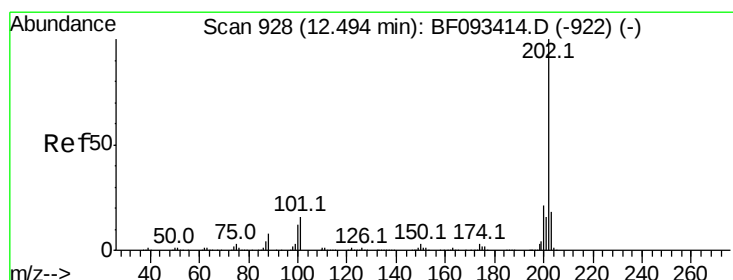
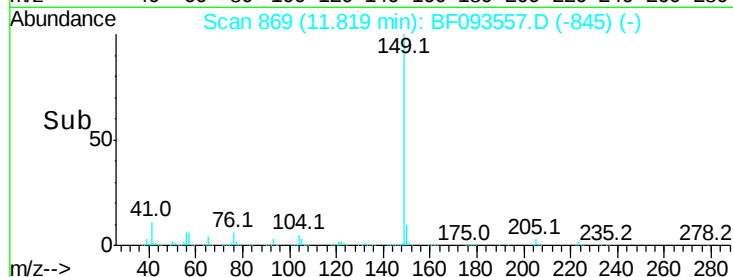
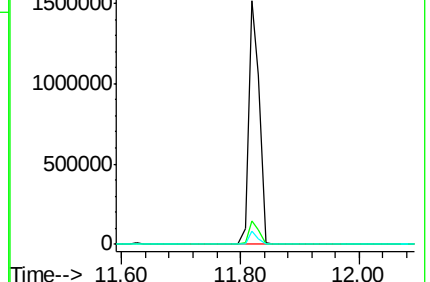
104 5.3 4.6 7.0



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: 45.05 ng

RT: 12.47 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

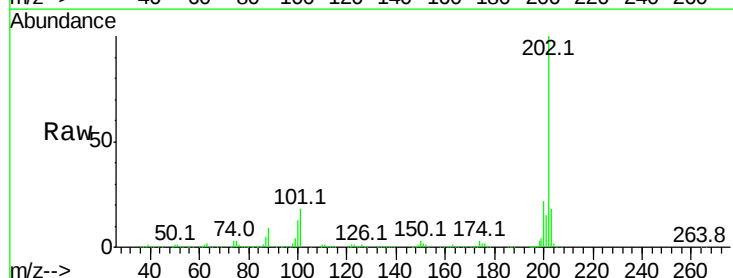
Tgt Ion:202 Resp: 1605474

Ion Ratio Lower Upper

202 100

101 17.9 0.0 34.6

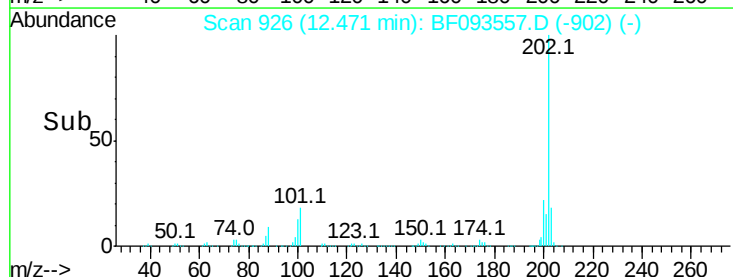
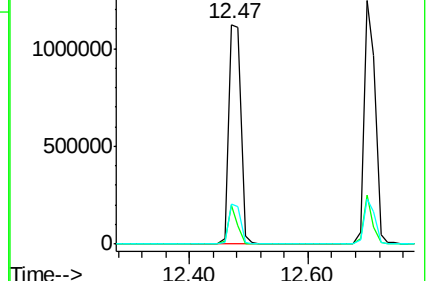
203 18.0 0.0 38.7

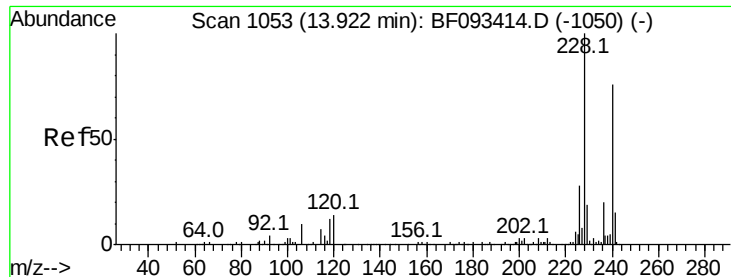


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

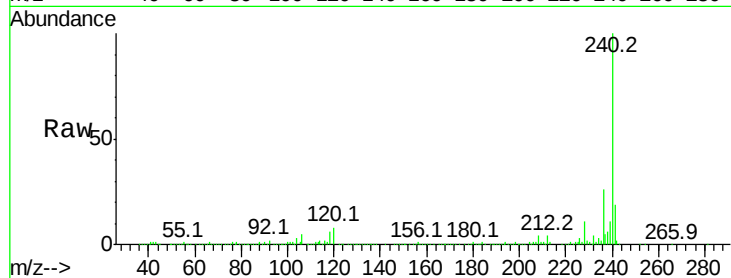
Tot Ion:240 Resp: 469486

Ion Ratio Lower Upper

240 100

120 7.9 12.9 19.3#

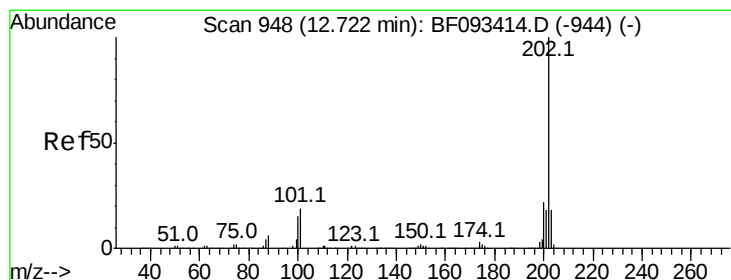
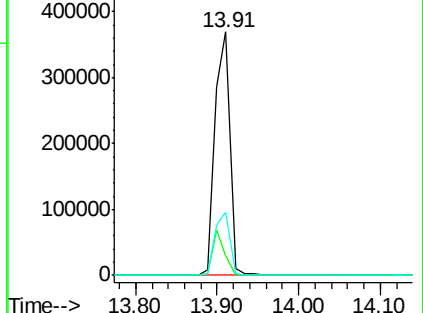
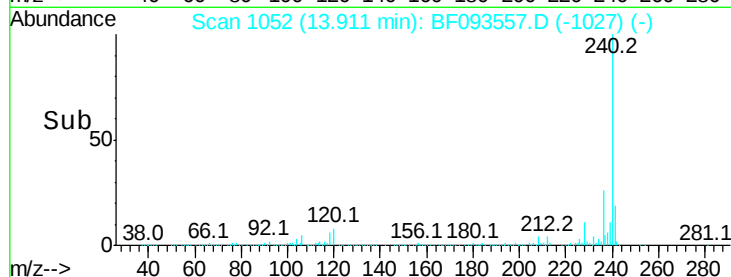
236 25.9 20.9 31.3



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



#77

Pyrene

Concen: 47.05 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

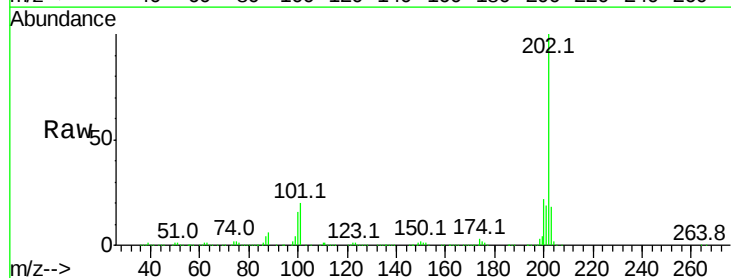
Tgt Ion:202 Resp: 1606638

Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

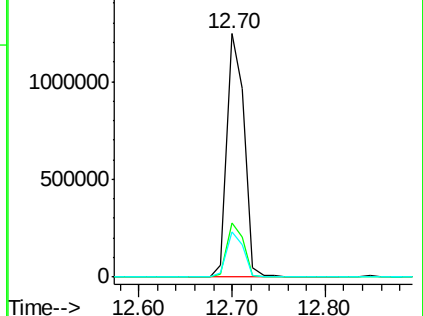
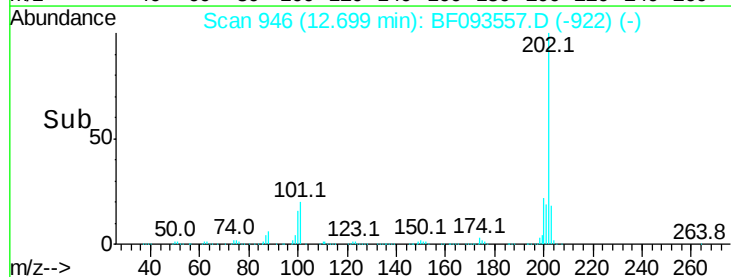
203 18.4 14.7 22.1

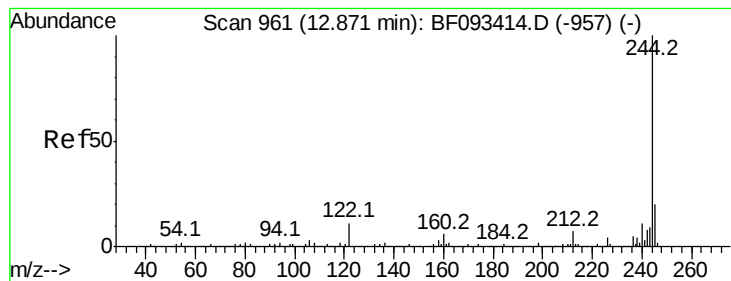


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 93.50 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

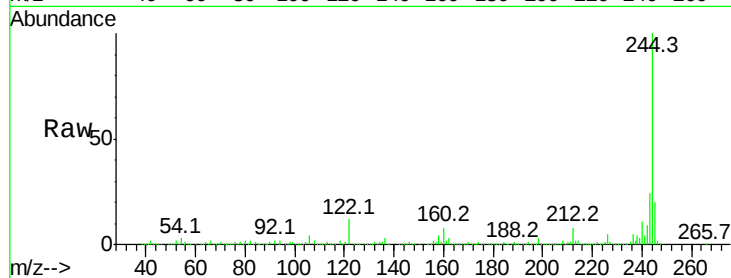
Tot Ion:244 Resp: 1688437

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

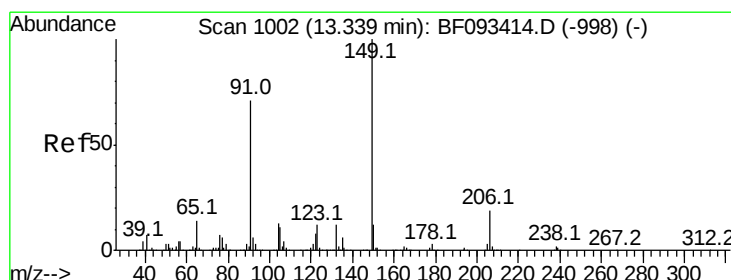
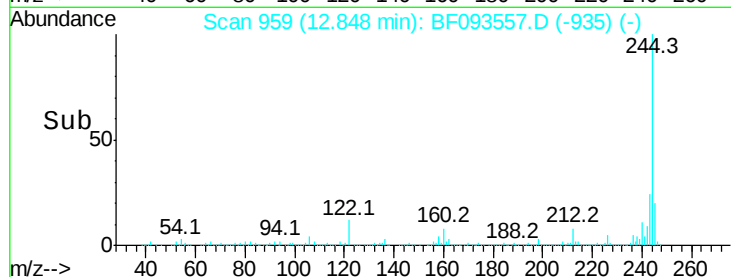
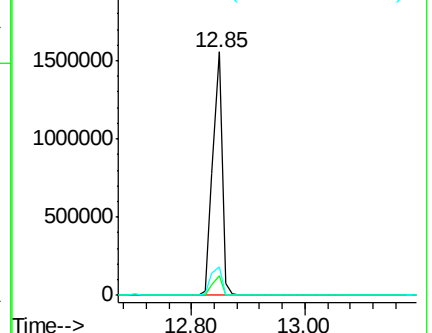
122 11.7 11.4 17.2



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: 53.74 ng

RT: 13.32 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

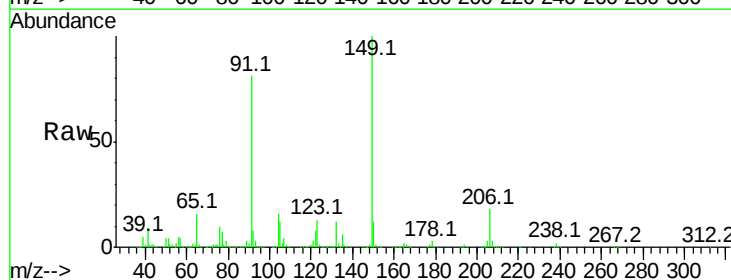
Tgt Ion:149 Resp: 772408

Ion Ratio Lower Upper

149 100

91 81.1 63.9 95.9

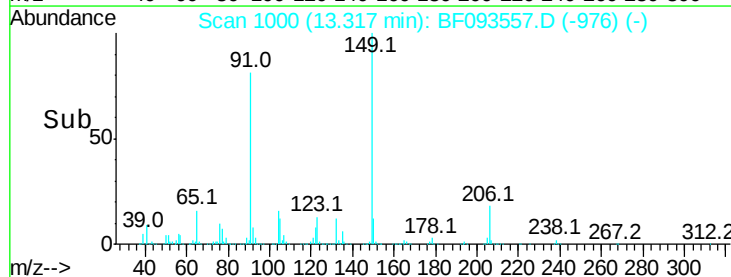
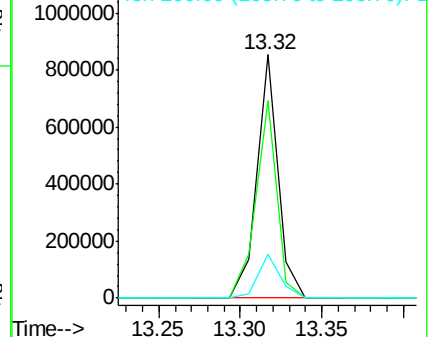
206 18.2 14.6 21.8

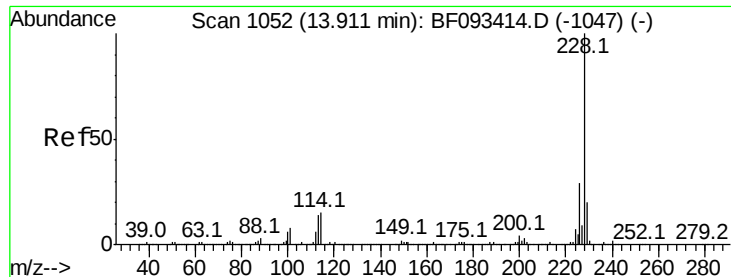


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 48.59 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

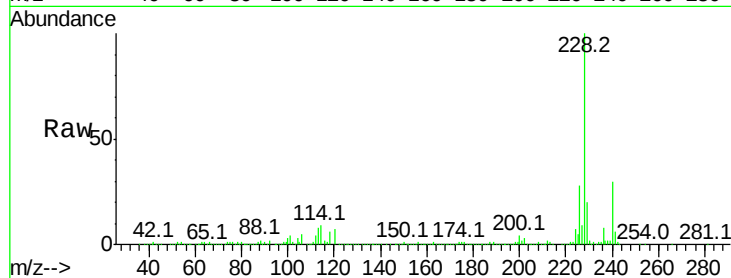
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1347067

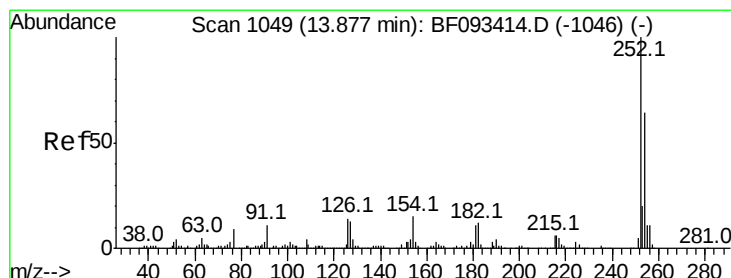
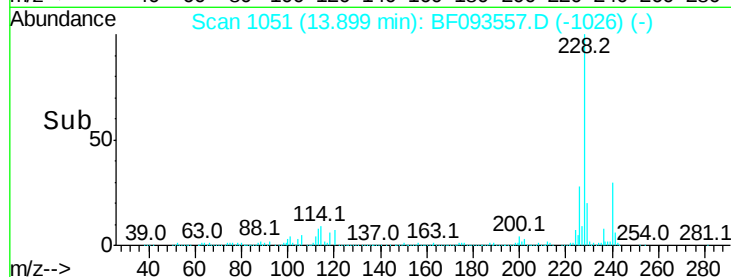
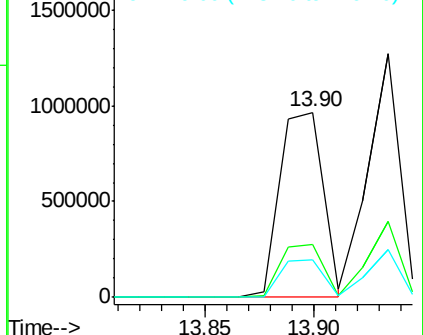
Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.4	33.6
229	20.1	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 5.29 ng

RT: 13.85 min Scan# 1047

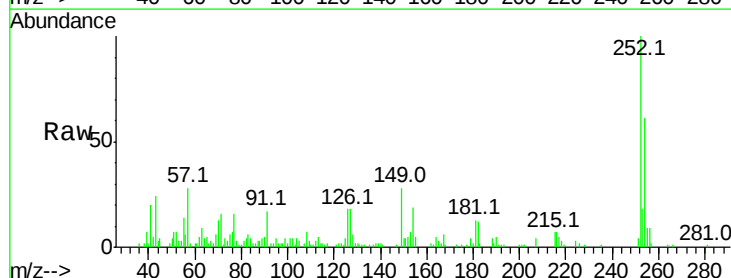
Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Tgt Ion:252 Resp: 51346

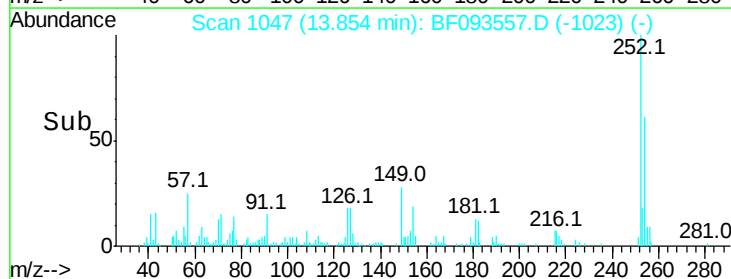
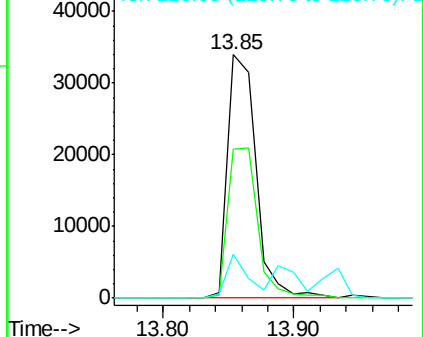
Ion	Ratio	Lower	Upper
252	100		
254	61.1	52.3	78.5
126	18.1	13.6	20.4

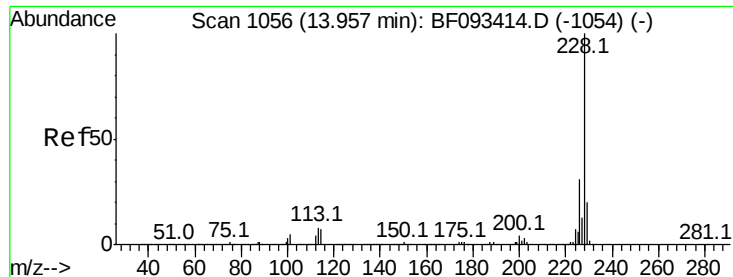


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 51.16 ng

RT: 13.93 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

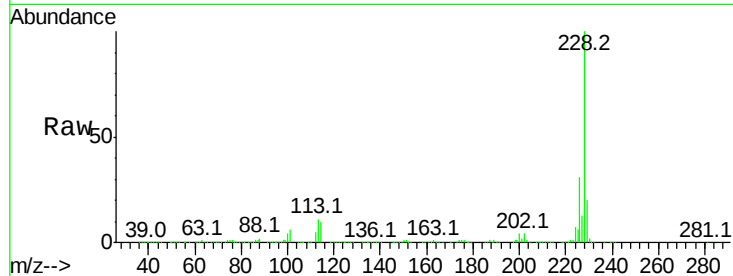
Tot Ion:228 Resp: 1312298

Ion Ratio Lower Upper

228 100

226 31.4 25.4 38.0

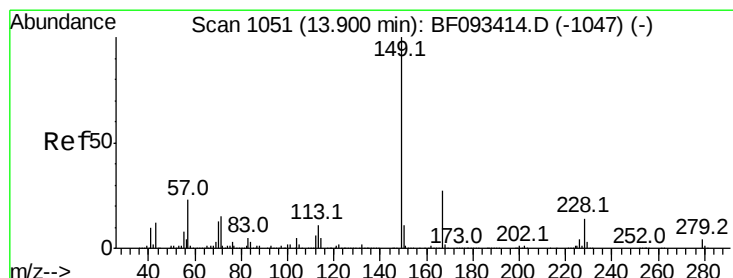
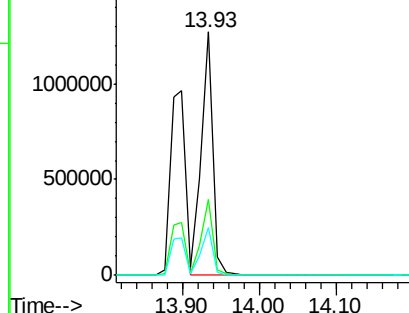
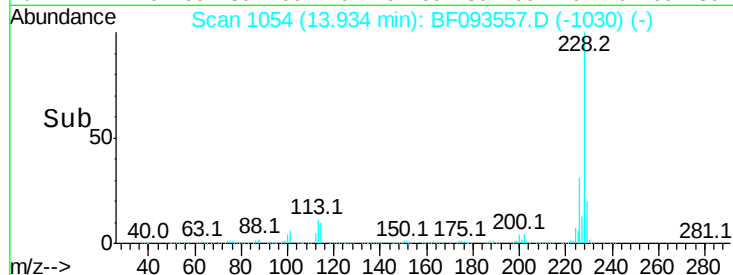
229 19.7 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 57.53 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

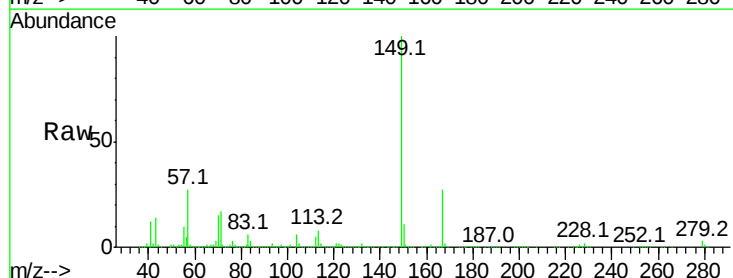
Tgt Ion:149 Resp: 1152648

Ion Ratio Lower Upper

149 100

167 26.6 20.2 30.4

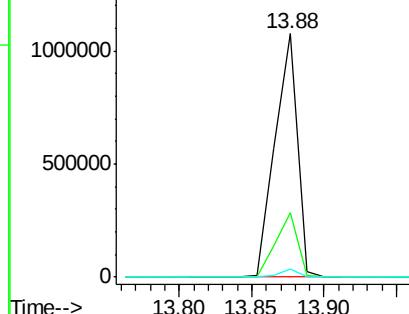
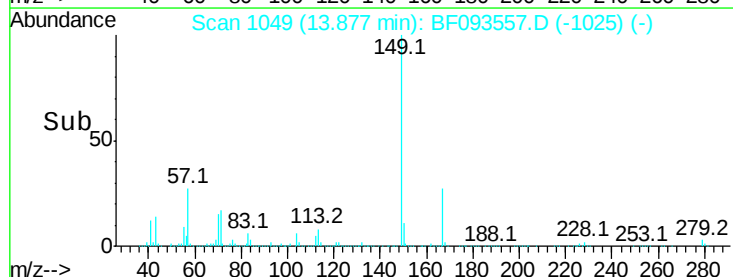
279 3.4 1.8 2.8#

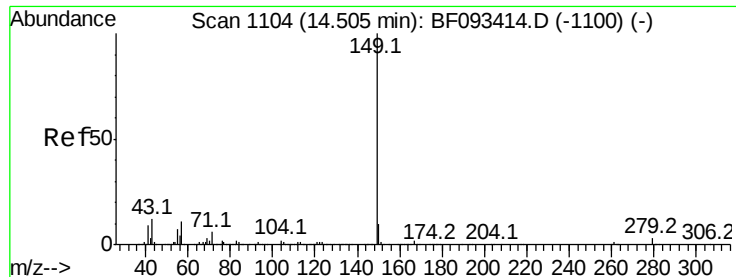


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

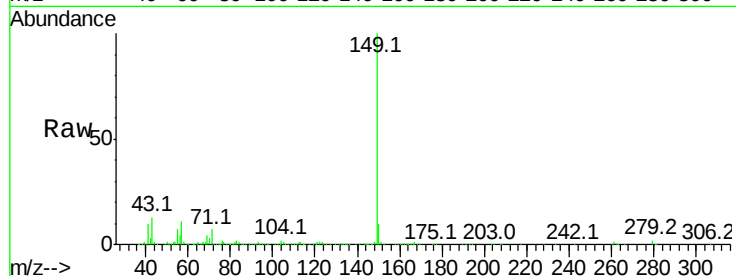




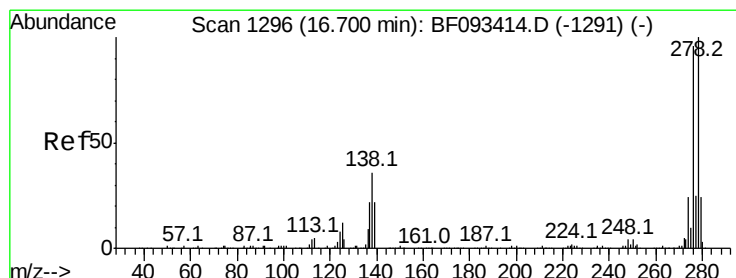
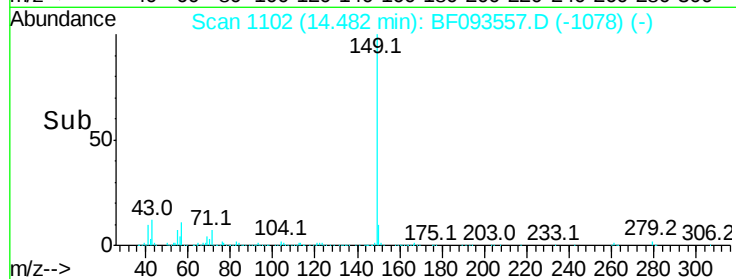
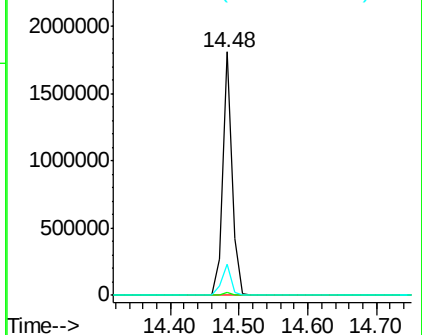
#84
Di-n-octyl phthalate
Concen: 52.00 ng
RT: 14.48 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1736336
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.8 8.9 13.3

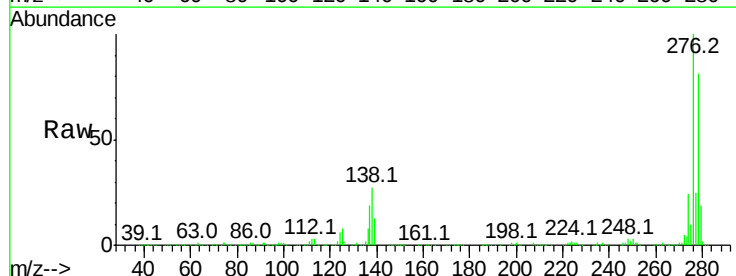


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

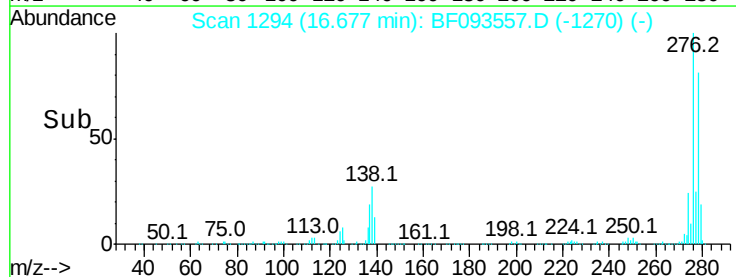
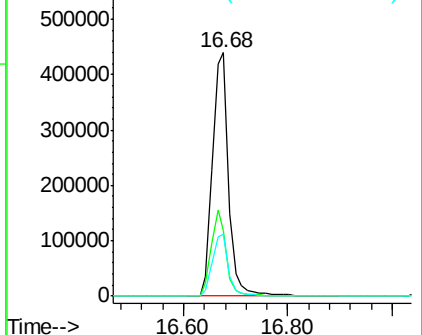


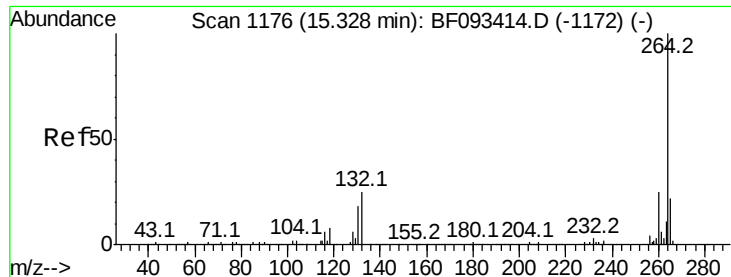
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.13 ng
RT: 16.68 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion:276 Resp: 947477
Ion Ratio Lower Upper
276 100
138 33.3 21.8 32.6#
277 25.3 20.2 30.4



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



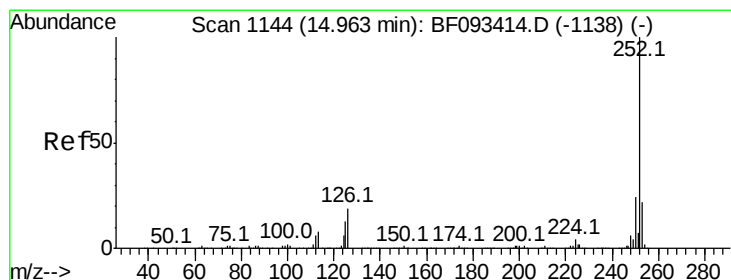
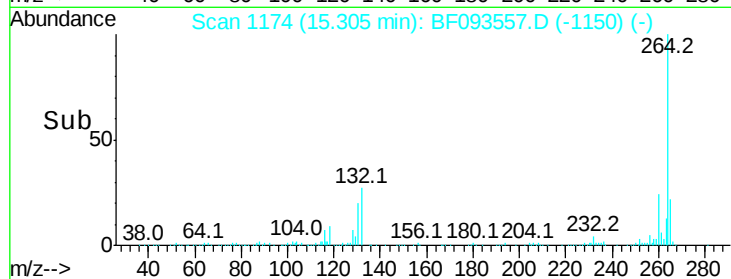
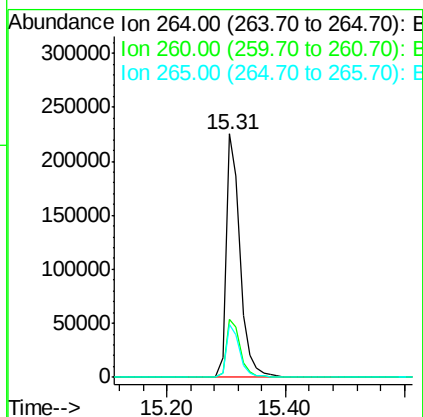
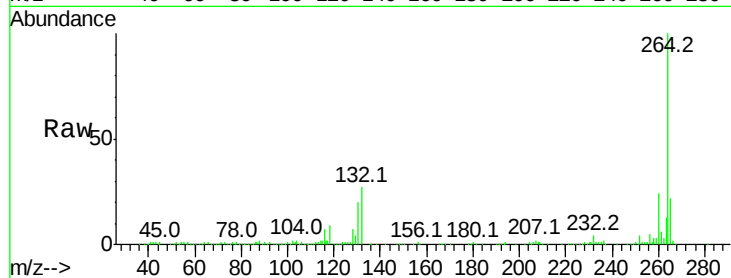


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 363319

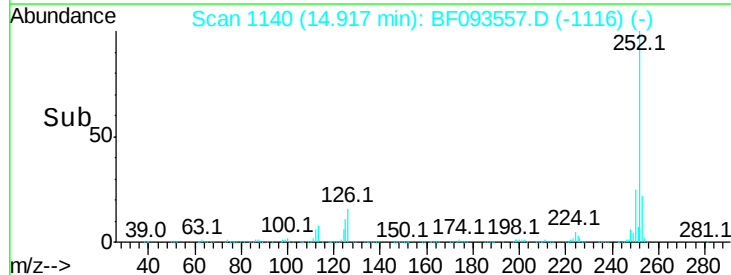
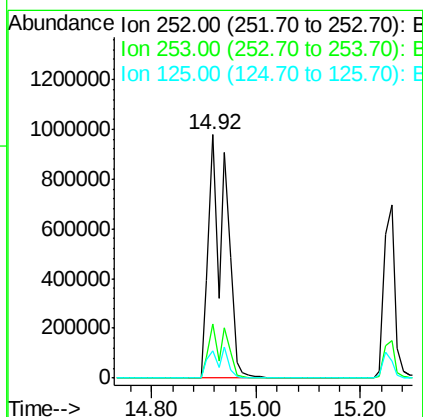
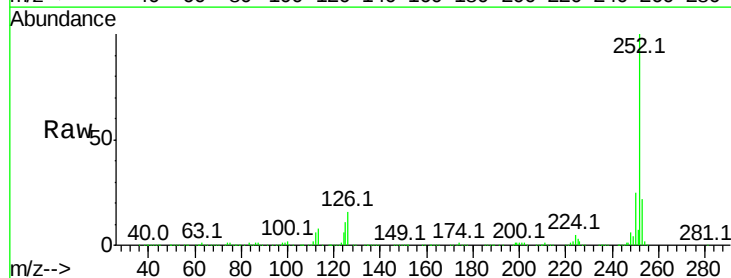
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.4	26.0

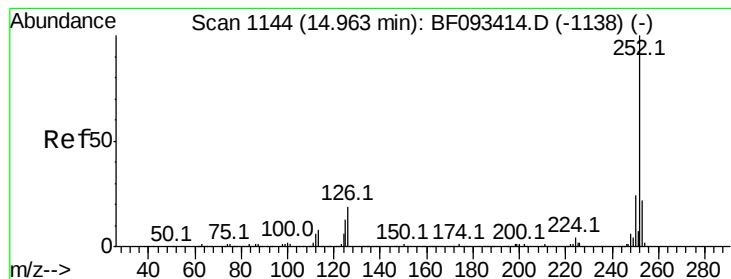


#87
Benzo(b)fluoranthene
Concen: 99.36 ng
RT: 14.92 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF093557.D
Acq: 11 Mar 2017 7:39

Tgt Ion:252 Resp: 2198619

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	11.3	9.8	14.6





#88

Benzo(k)fluoranthene

Concen: 103.07 ng

RT: 14.92 min Scan# 1140

Delta R.T. -0.05 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampleId :

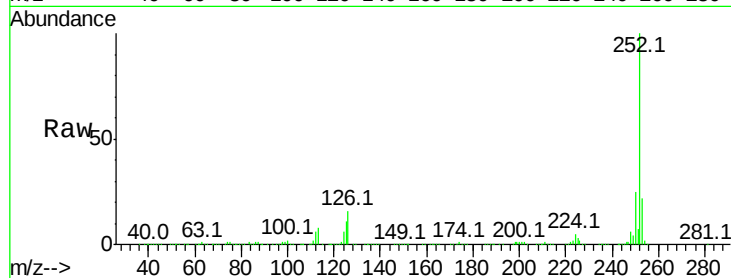
Tot Ion:252 Resp: 2199509

Ion Ratio Lower Upper

252 100

253 22.0 18.5 27.7

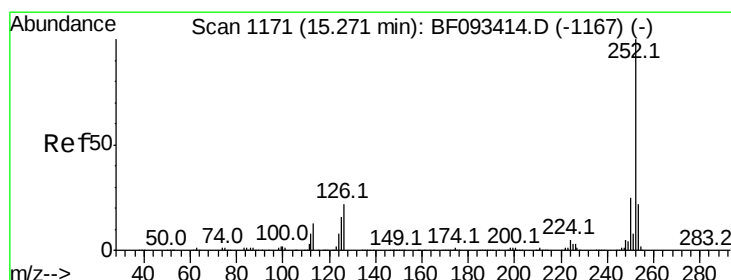
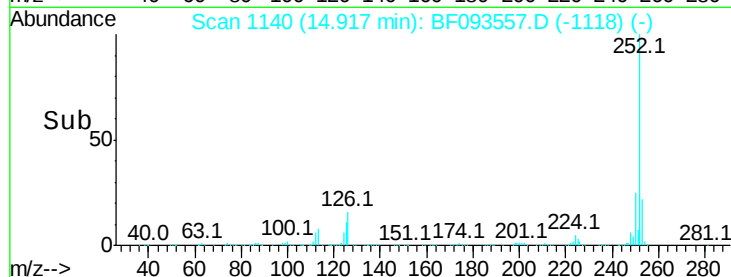
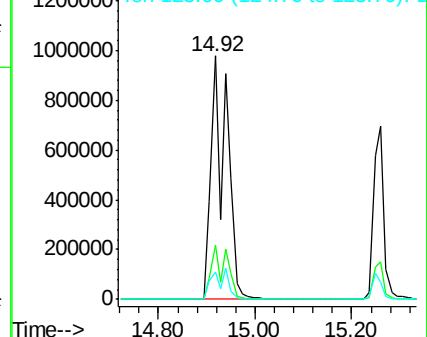
125 11.3 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 50.46 ng

RT: 15.26 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

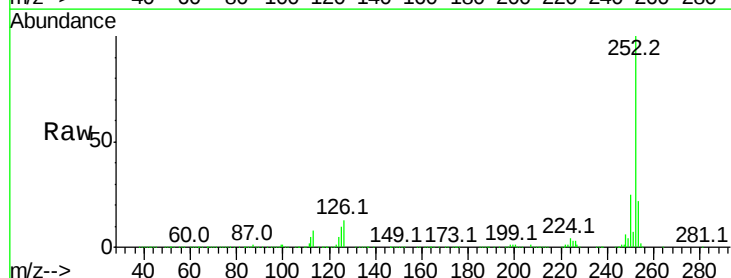
Tgt Ion:252 Resp: 1020497

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

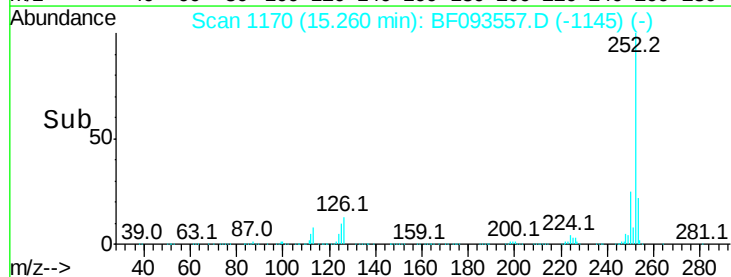
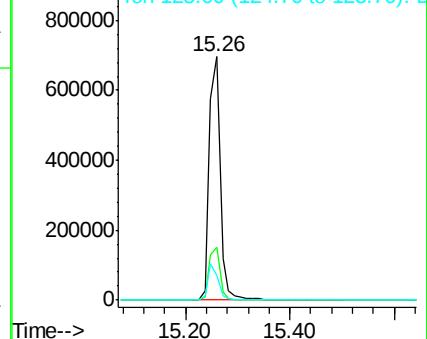
125 10.1 10.0 15.0

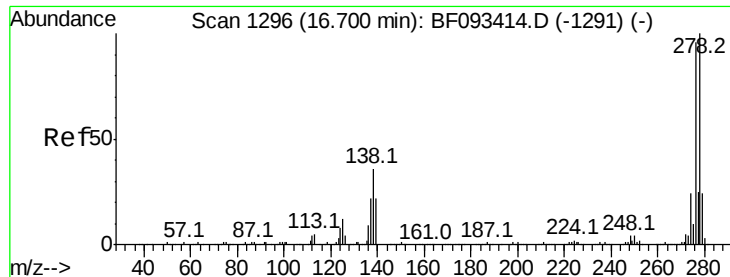


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 48.50 ng

RT: 16.67 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

Instrument :

BNA_F

ClientSampled :

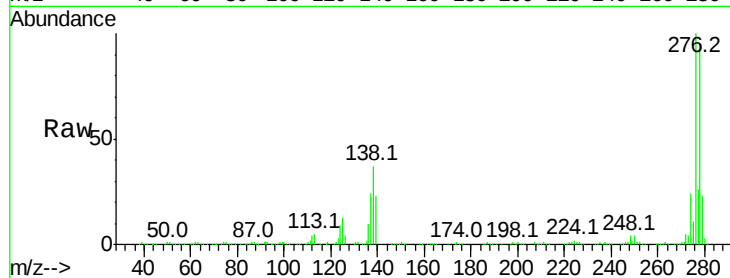
Tot Ion:278 Resp: 811347

Ion Ratio Lower Upper

278 100

139 23.8 14.8 22.2#

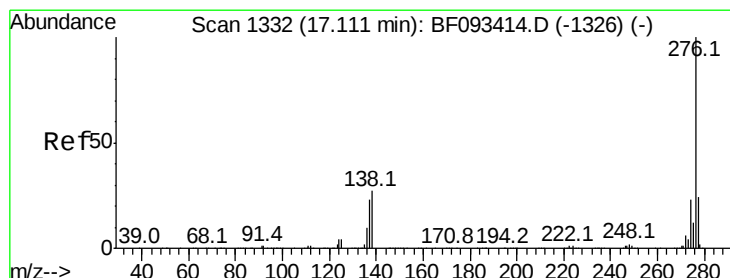
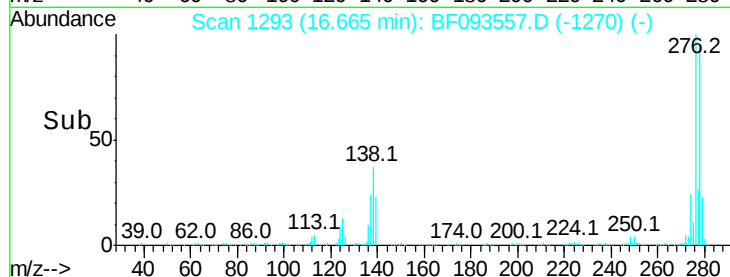
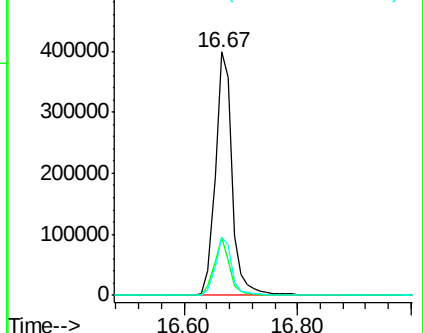
279 24.0 19.8 29.6



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(g,h,i)perylene

Concen: 47.43 ng

RT: 17.08 min Scan# 1329

Delta R.T. -0.03 min

Lab File: BF093557.D

Acq: 11 Mar 2017 7:39

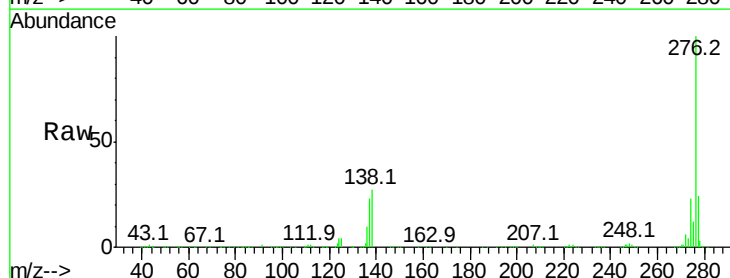
Tgt Ion:276 Resp: 814442

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 26.8 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

