

Data Path : Z:\HPCHEM1\BNA F\Data\BF031017\
 Data File : BF093556.D
 Acq On : 11 Mar 2017 7:12
 Operator : SJ/MA
 Sample : I2195-05MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 14:04:43 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	173982	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	678797	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	328459	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	591747	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	453191	20.00	ng	-0.02
86) Perylene-d12	15.31	264	352513	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1457182	139.40	ng	0.01
7) Phenol-d6	6.41	99	1697523	128.77	ng	0.00
23) Nitrobenzene-d5	7.32	82	1204711	98.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	303399	141.78	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1785342	101.10	ng	-0.03
78) Terphenyl-d14	12.85	244	1690533	96.98	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	251295	43.64	ng	# 85
3) Pyridine	3.10	79	309642	21.09	ng	90
4) n-Nitrosodimethylamine	3.02	42	333194	47.52	ng	82
6) Aniline	6.44	93	100272	5.54	ng	# 18
8) 2-Chlorophenol	6.54	128	523036	44.66	ng	94
9) Benzaldehyde	6.30	77	318591	39.18	ng	92
10) Phenol	6.42	94	727767	45.05	ng	# 76
11) bis(2-Chloroethyl)ether	6.48	93	609320	46.67	ng	88
12) 1,3-Dichlorobenzene	6.92	146	519551	38.75	ng	98
13) 1,4-Dichlorobenzene	6.76	146	613984	44.73	ng	99
14) 1,2-Dichlorobenzene	6.92	146	532080	43.78	ng	96
15) Benzyl Alcohol	6.90	79	418034	44.49	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	947174	43.67	ng	56
17) 2-Methylphenol	7.03	107	463050	46.74	ng	# 81
18) Hexachloroethane	7.25	117	210909	45.56	ng	96
19) n-Nitroso-di-n-propylamine	7.17	70	426020	47.01	ng	95
20) 3+4-Methylphenols	7.20	107	643059	50.05	ng	# 71
22) Acetophenone	7.17	105	802278	49.11	ng	# 94
24) Nitrobenzene	7.34	77	662550	48.19	ng	97
25) Isophorone	7.58	82	1185318	48.05	ng	98
26) 2-Nitrophenol	7.66	139	300560	47.91	ng	90
27) 2,4-Dimethylphenol	7.70	122	479538	46.99	ng	100
28) bis(2-Chloroethoxy)methane	7.78	93	719450	46.19	ng	98
29) 2,4-Dichlorophenol	7.91	162	497422	51.81	ng	87
30) 1,2,4-Trichlorobenzene	7.97	180	470446	46.08	ng	# 93
31) Naphthalene	8.05	128	1510138	44.39	ng	99
32) Benzoic acid	7.88	122	242344	45.70	ng	95
33) 4-Chloroaniline	8.14	127	56332	4.08	ng	97
34) Hexachlorobutadiene	8.16	225	253002	48.11	ng	99
35) Caprolactam	8.49	113	84252	25.70	ng	# 30
36) 4-Chloro-3-methylphenol	8.62	107	493033	48.11	ng	95
37) 2-Methylnaphthalene	8.74	142	1021932	47.22	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	438300	48.87	ng	98
40) Hexachlorocyclopentadiene	8.88	237	254098	107.40	ng	95

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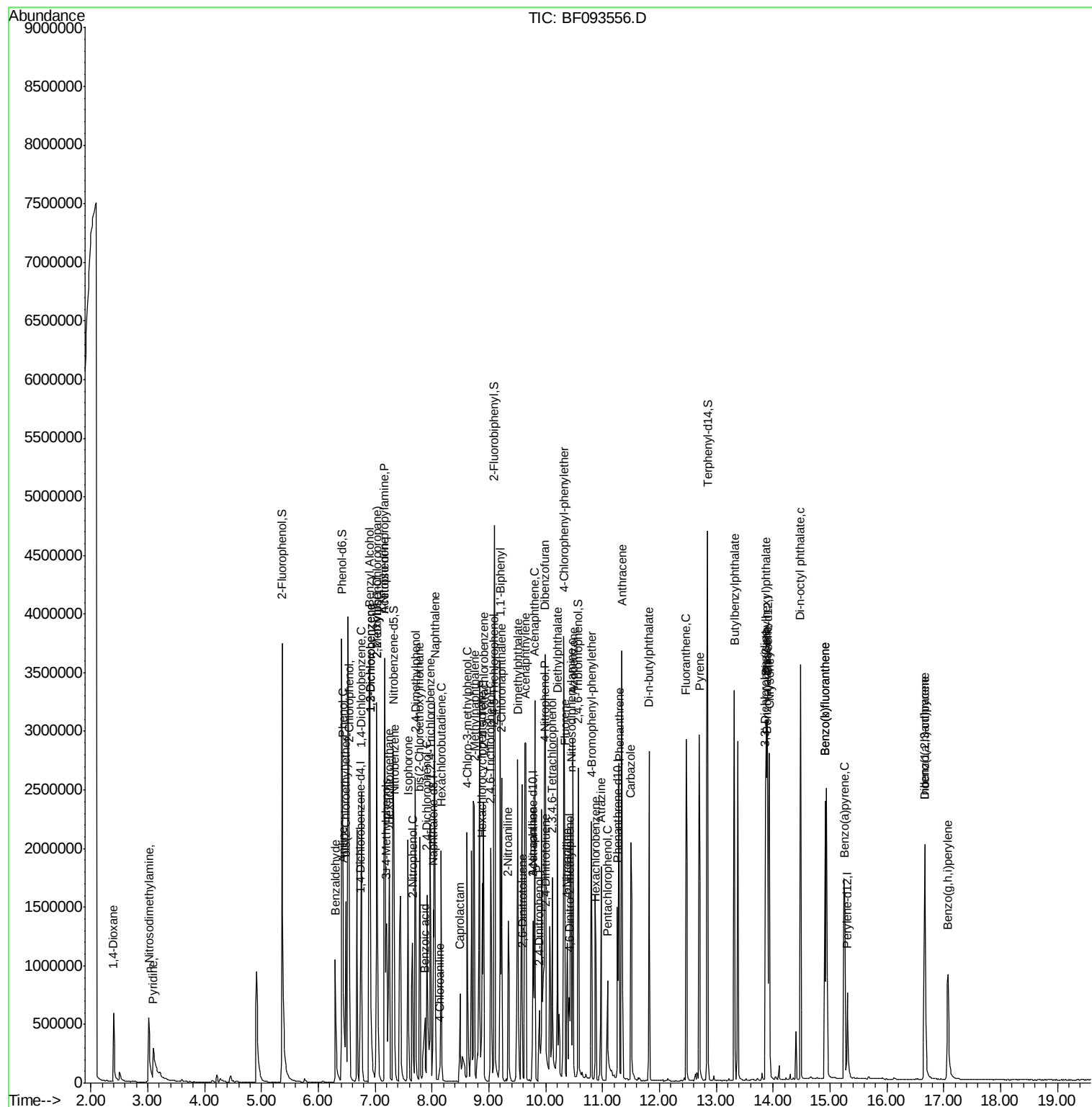
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	298893	53.34	nq	91
43) 2,4,5-Trichlorophenol	9.09	196	285101	47.42	nq	94
45) 1,1'-Biphenyl	9.20	154	1189619	49.72	nq	97
46) 2-Chloronaphthalene	9.22	162	968405	52.87	nq	95
47) 2-Nitroaniline	9.34	65	322629	49.83	nq	87
48) Acenaphthylene	9.64	152	1463376	48.45	nq	99
49) Dimethylphthalate	9.51	163	1124860	51.66	nq	98
50) 2,6-Dinitrotoluene	9.59	165	236154	49.42	nq	# 75
51) Acenaphthene	9.81	154	846776	47.41	nq	96
52) 3-Nitroaniline	9.77	138	33108	5.77	nq	# 91
53) 2,4-Dinitrophenol	9.89	184	197331	90.69	nq	# 74
54) Dibenzofuran	9.99	168	1317513	58.93	nq	94
55) 4-Nitrophenol	9.98	139	778015	279.04	nq	# 18
56) 2,4-Dinitrotoluene	10.00	165	316174	53.86	nq	# 74
57) Fluorene	10.33	166	1019460	53.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	242040	57.04	nq	96
59) Diethylphthalate	10.21	149	1091030	52.42	nq	100
60) 4-Chlorophenyl-phenylether	10.32	204	471129	55.48	nq	# 78
61) 4-Nitroaniline	10.38	138	207916	35.41	nq	94
62) Azobenzene	10.48	77	1463752	61.90	nq	95
64) 4,6-Dinitro-2-methylphenol	10.41	198	149837	39.08	nq	# 74
65) n-Nitrosodiphenylamine	10.45	169	793095	40.14	nq	100
66) 4-Bromophenyl-phenylether	10.80	248	271999	43.47	nq	# 89
67) Hexachlorobenzene	10.88	284	274105	45.87	nq	# 90
68) Atrazine	10.97	200	190426	32.93	nq	97
69) Pentachlorophenol	11.09	266	171818	83.29	nq	97
70) Phenanthrene	11.29	178	1506649	44.61	nq	98
71) Anthracene	11.34	178	1467520	42.95	nq	99
72) Carbazole	11.50	167	1162533	36.22	nq	100
73) Di-n-butylphthalate	11.82	149	1695839	45.67	nq	98
74) Fluoranthene	12.47	202	1490773	45.69	nq	96
77) Pyrene	12.70	202	1465058	44.45	nq	100
79) Butylbenzylphthalate	13.32	149	740246	53.35	nq	95
80) Benzo(a)anthracene	13.89	228	1259809	47.07	nq	100
81) 3,3'-Dichlorobenzidine	13.87	252	38025	4.06	nq	# 93
82) Chrysene	13.93	228	1244920	50.28	nq	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	1076693	55.67	nq	# 96
84) Di-n-octyl phthalate	14.48	149	1639014	50.85	nq	97
85) Indeno(1,2,3-cd)pyrene	16.67	276	930112	44.87	nq	# 93
87) Benzo(b)fluoranthene	14.92	252	2086458	97.18	nq	98
88) Benzo(k)fluoranthene	14.92	252	2086458	100.77	nq	98
89) Benzo(a)pyrene	15.26	252	981110	50.00	nq	97
90) Dibenzo(a,h)anthracene	16.67	278	792257	48.81	nq	# 96
91) Benzo(g,h,i)perylene	17.08	276	796678	47.82	nq	# 91

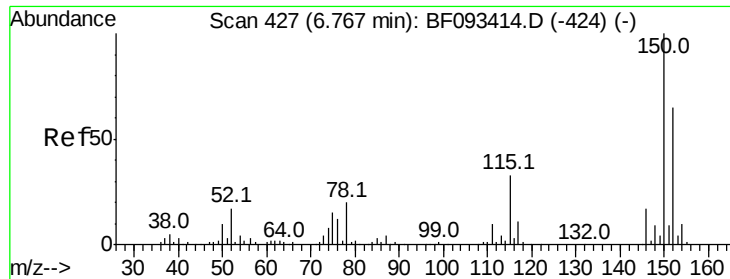
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

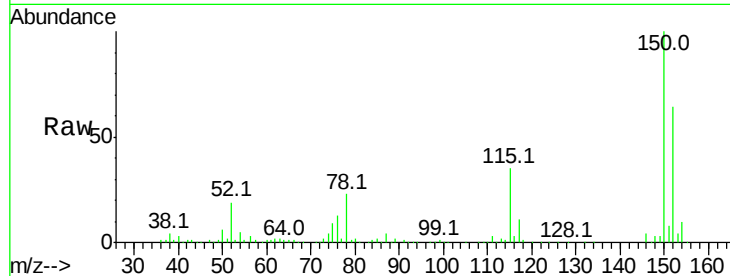
Tot Ion:152 Resp: 173982

Ion Ratio Lower Upper

152 100

150 156.9 124.9 187.3

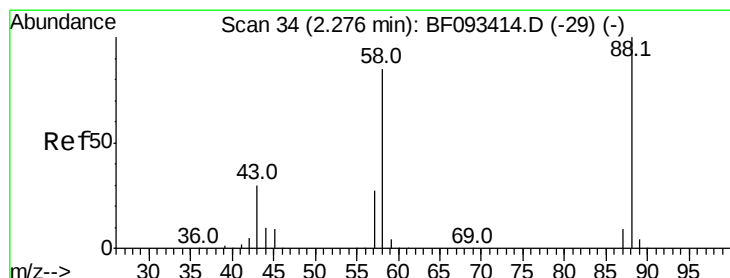
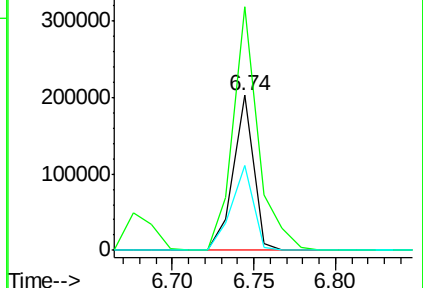
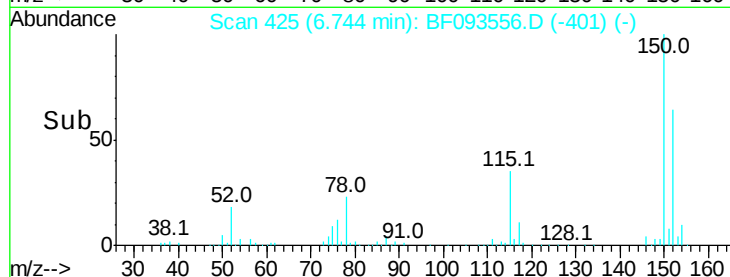
115 54.9 46.0 69.0



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



#2

1,4-Dioxane

Concen: 43.64 ng

RT: 2.40 min Scan# 45

Delta R.T. 0.13 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

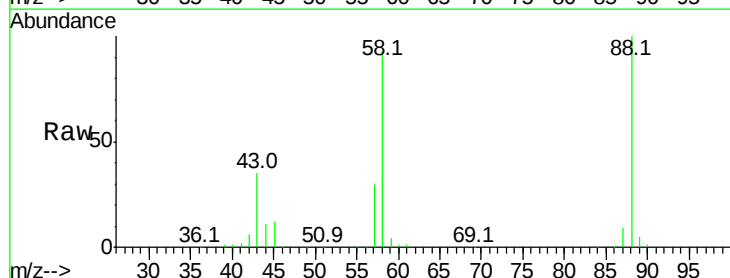
Tgt Ion: 88 Resp: 251295

Ion Ratio Lower Upper

88 100

58 87.7 57.8 86.8#

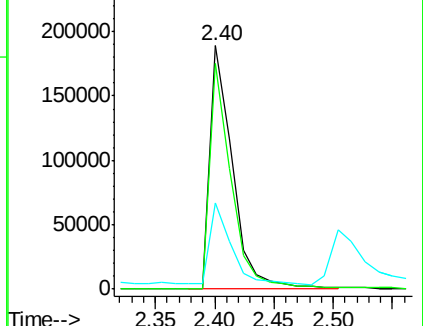
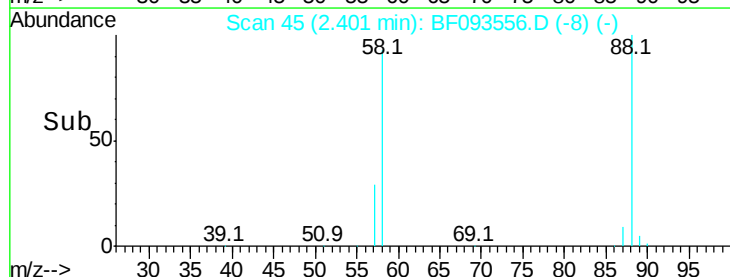
43 30.5 22.3 33.5

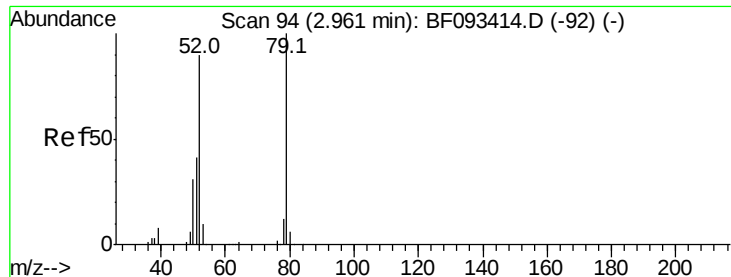


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 21.09 ng

RT: 3.10 min Scan# 106

Delta R.T. 0.14 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

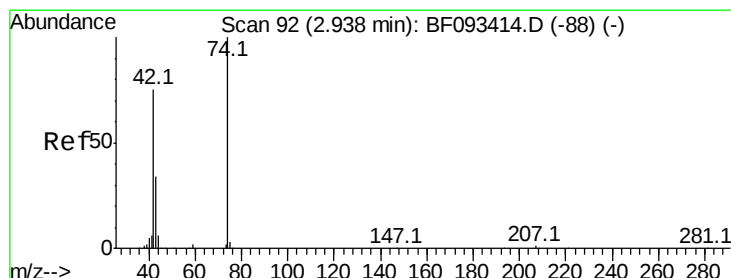
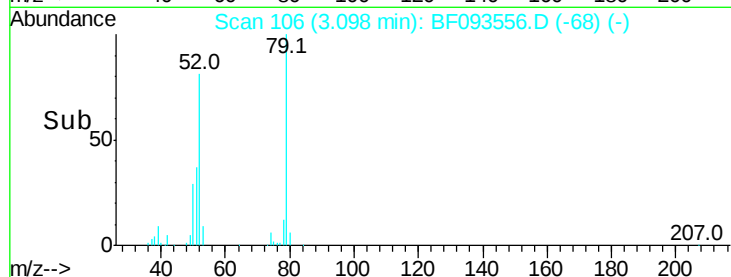
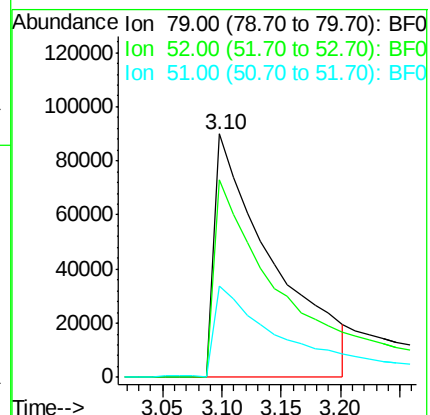
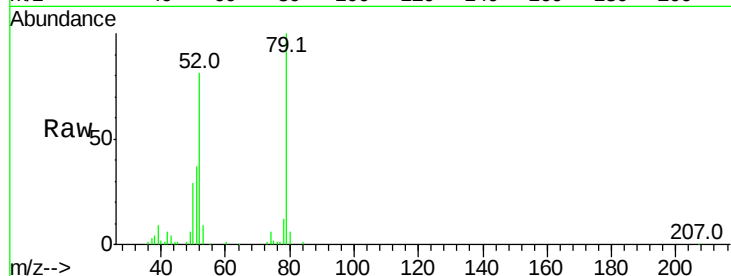
Tot Ion: 79 Resp: 309642

Ion Ratio Lower Upper

79 100

52 81.0 57.1 85.7

51 37.5 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 47.52 ng

RT: 3.02 min Scan# 99

Delta R.T. 0.08 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

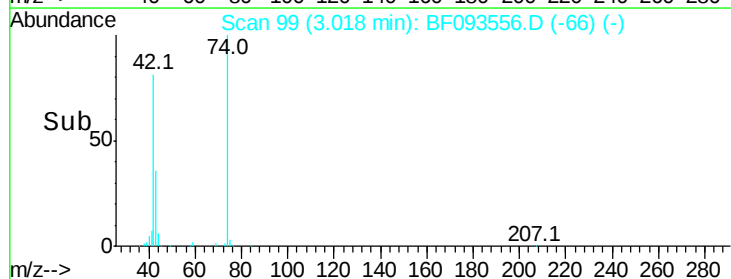
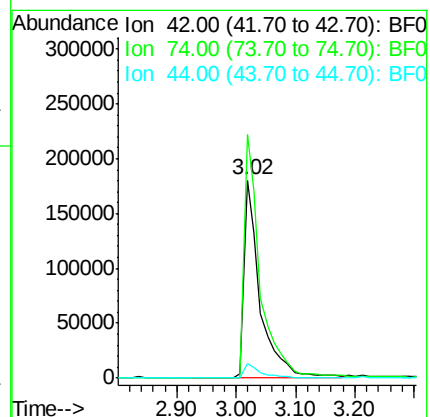
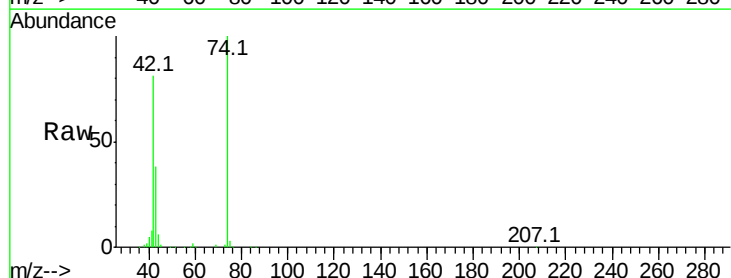
Tgt Ion: 42 Resp: 333194

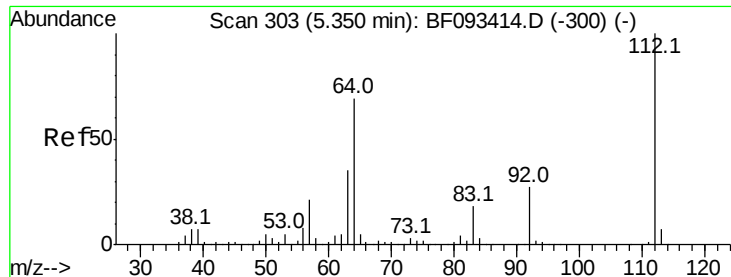
Ion Ratio Lower Upper

42 100

74 123.1 117.0 175.4

44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 139.40 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :
BNA_F
ClientSampled :

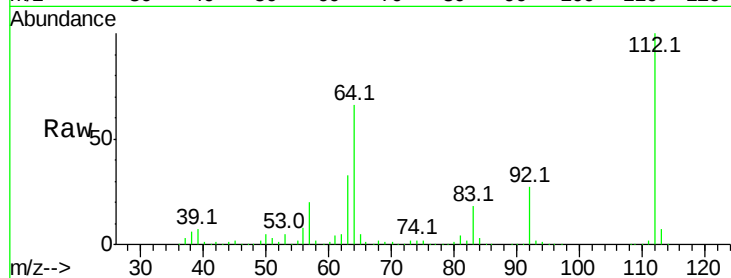
Tot Ion:112 Resp: 1457182

Ion Ratio Lower Upper

112 100

64 65.6 46.1 69.1

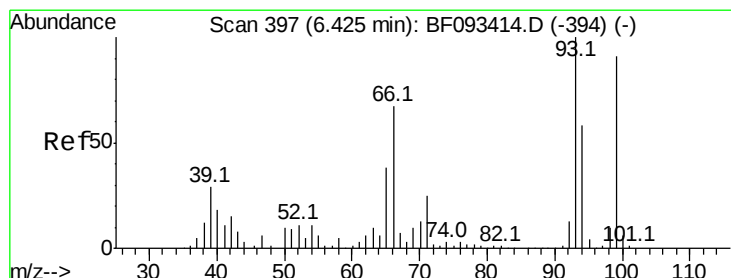
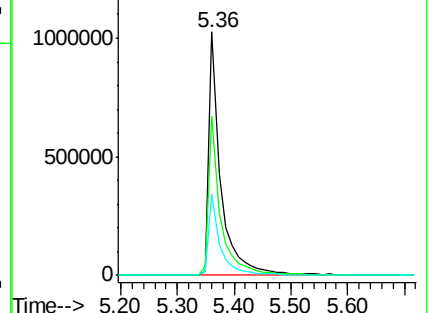
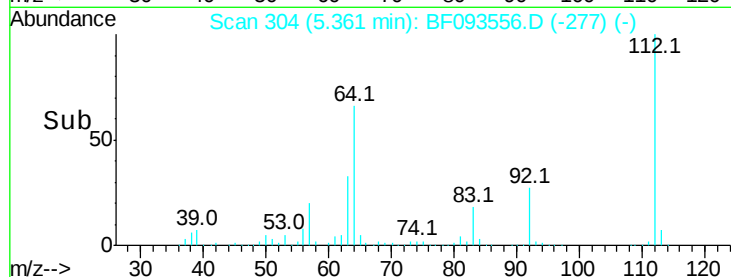
63 33.4 23.8 35.6



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: 5.54 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

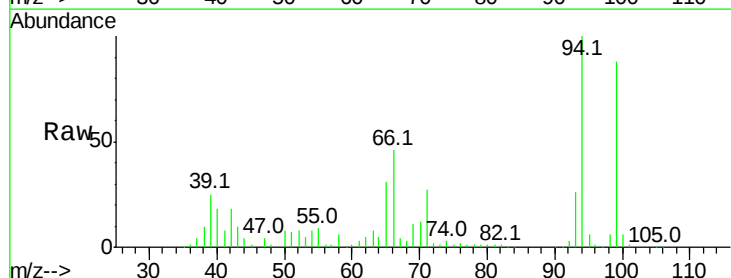
Tgt Ion: 93 Resp: 100272

Ion Ratio Lower Upper

93 100

66 178.9 76.2 114.2#

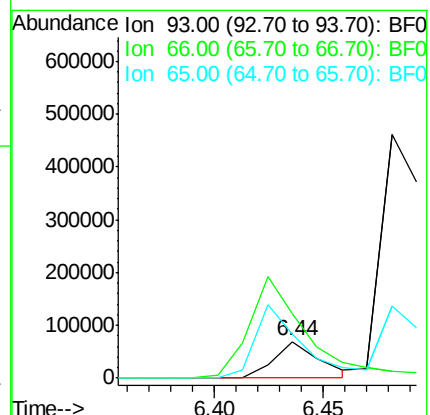
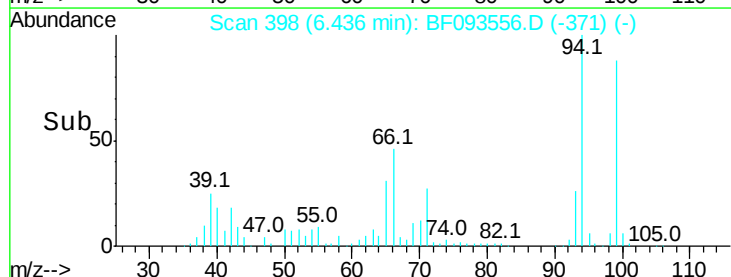
65 120.1 49.3 73.9#

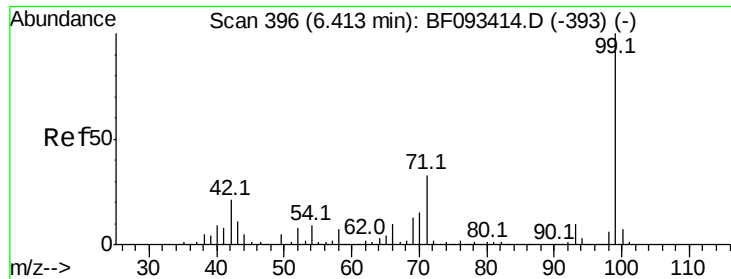


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.77 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

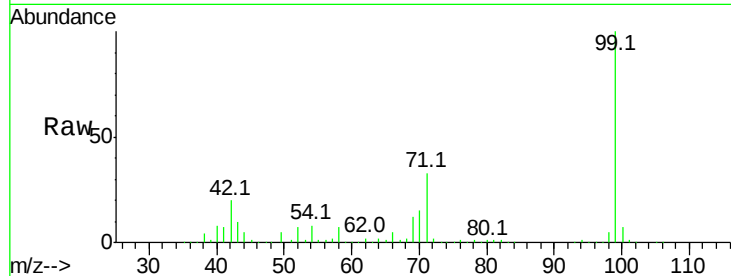
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1697523

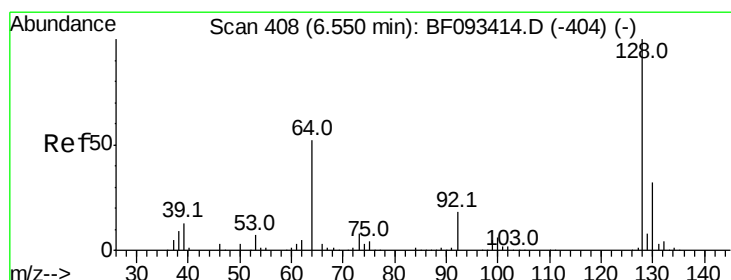
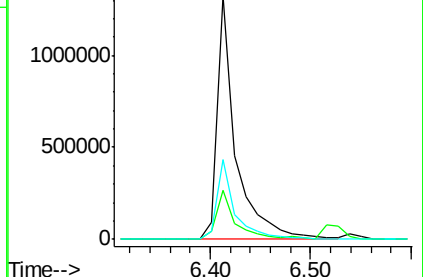
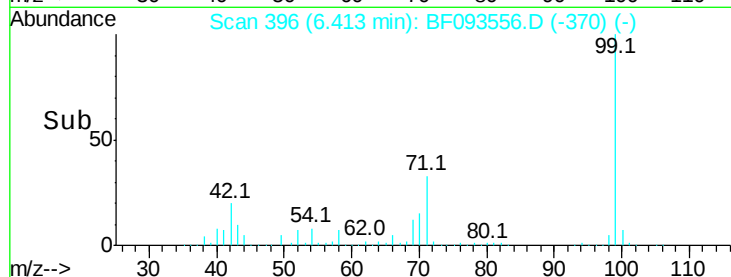
Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.6	23.4
71	33.0	27.5	41.3



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: 44.66 ng

RT: 6.54 min Scan# 407

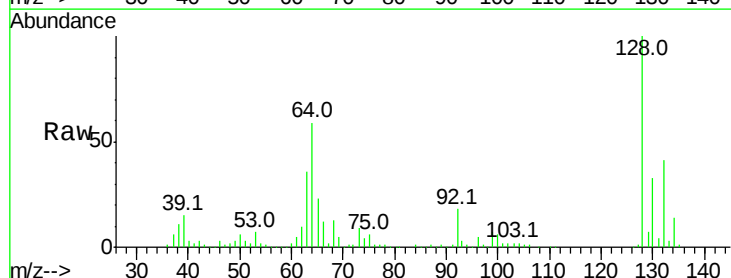
Delta R.T. -0.01 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Tgt Ion:128 Resp: 523036

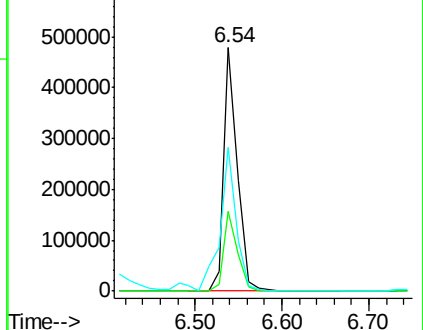
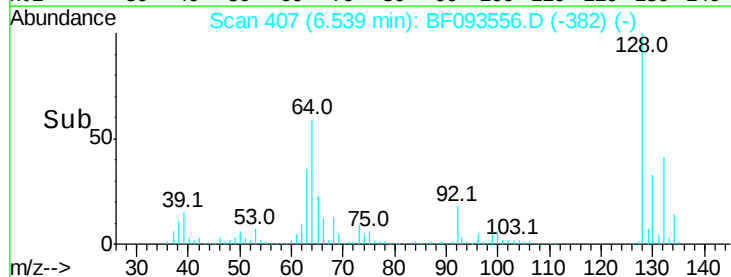
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.3	52.3
64	59.0	32.2	72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

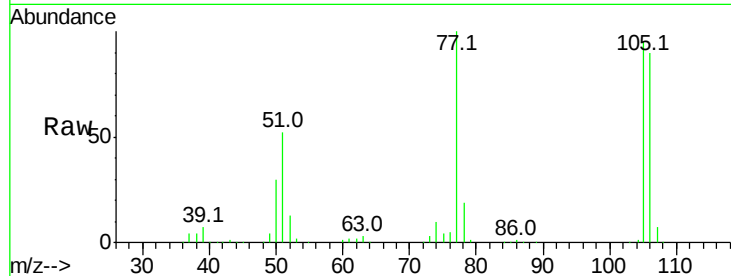




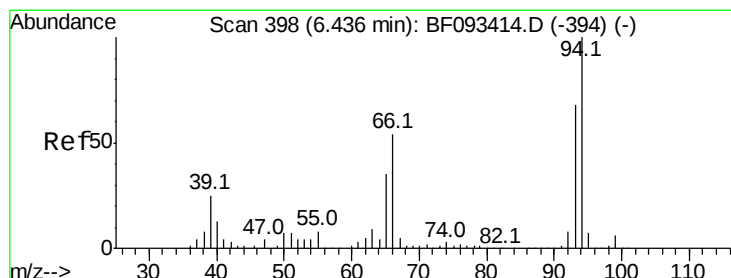
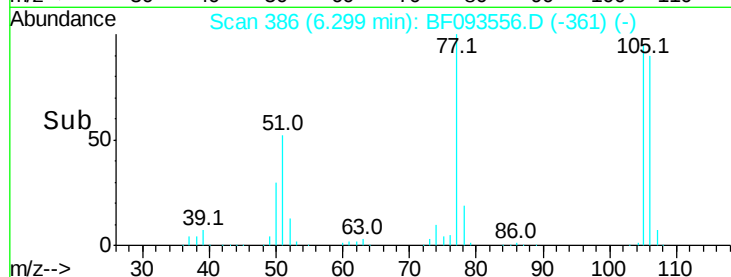
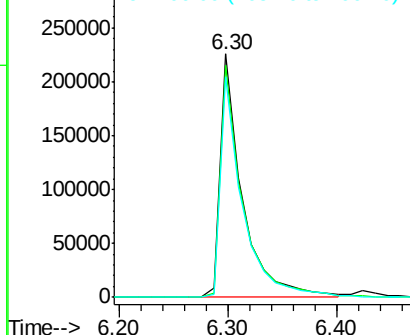
#9
Benzaldehyde
Concen: 39.18 ng
RT: 6.30 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 318591
Ion Ratio Lower Upper
77 100
105 95.4 83.9 123.9
106 90.5 77.6 117.6

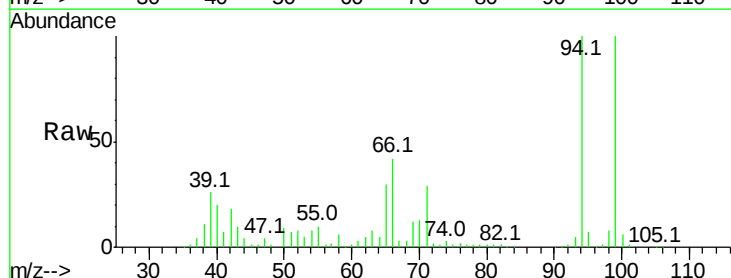


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

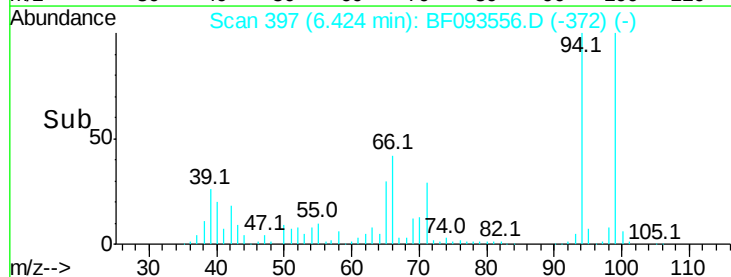
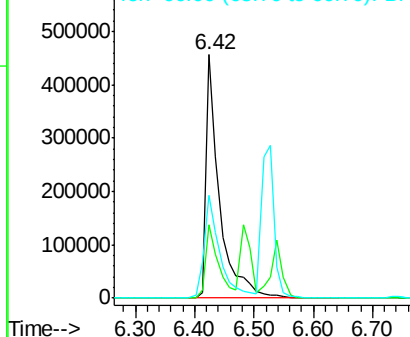


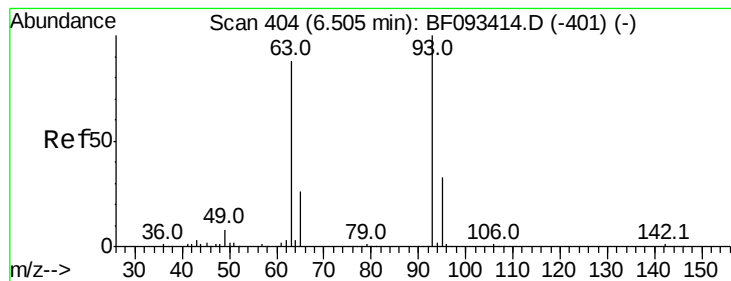
#10
Phenol
Concen: 45.05 ng
RT: 6.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion: 94 Resp: 727767
Ion Ratio Lower Upper
94 100
65 30.4 21.4 61.4
66 42.3 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 46.67 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

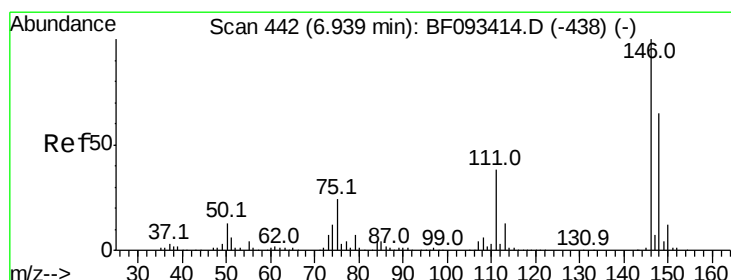
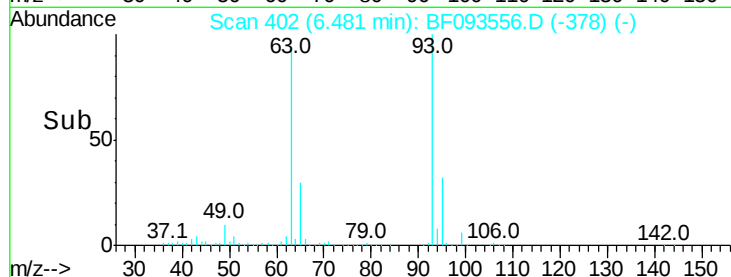
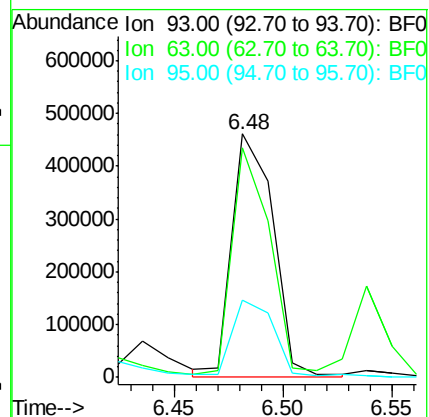
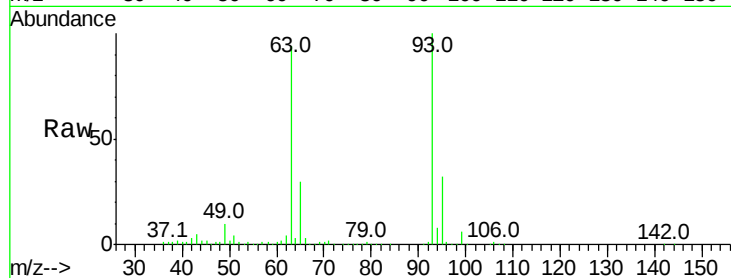
Tot Ion: 93 Resp: 609320

Ion Ratio Lower Upper

93 100

63 94.5 60.4 100.4

95 31.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.75 ng

RT: 6.92 min Scan# 440

Delta R.T. 0.22 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

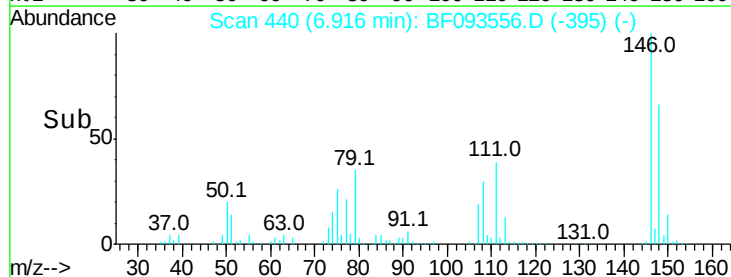
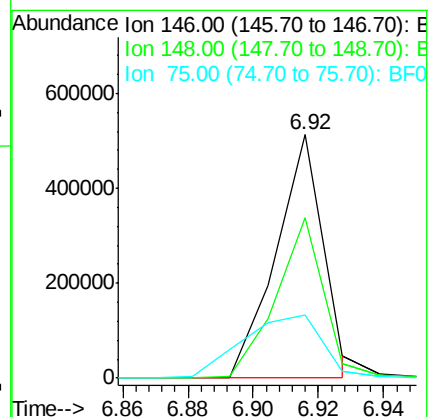
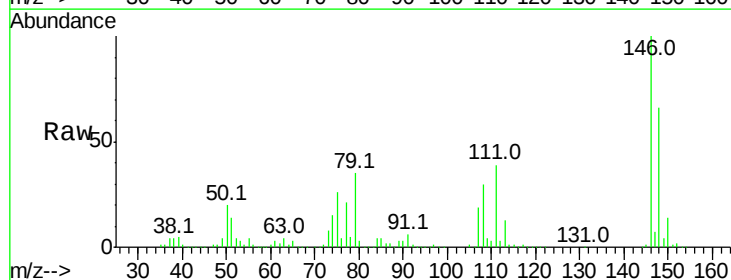
Tgt Ion: 146 Resp: 519551

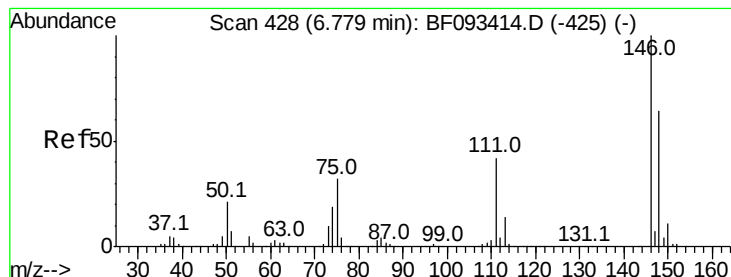
Ion Ratio Lower Upper

146 100

148 65.6 53.4 80.0

75 25.8 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 44.73 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampled :

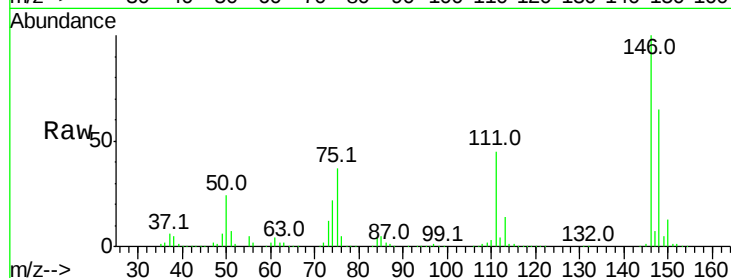
Tot Ion:146 Resp: 613984

Ion Ratio Lower Upper

146 100

148 64.7 50.6 76.0

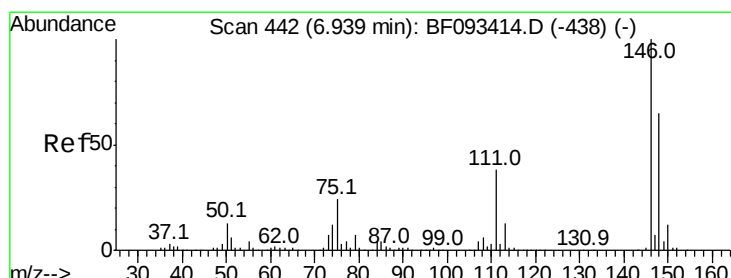
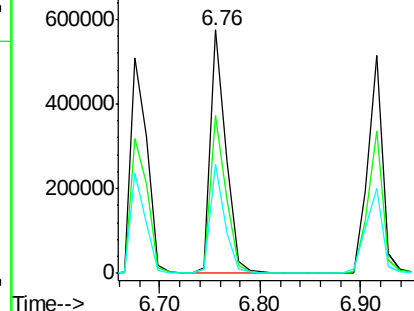
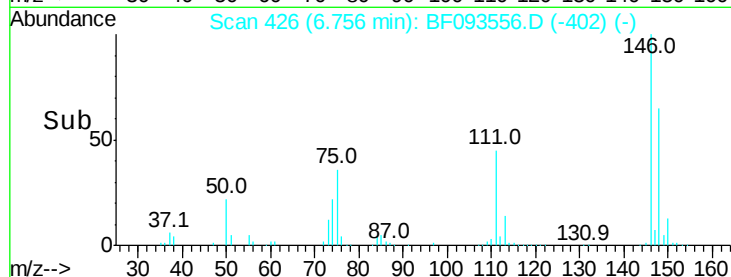
111 44.8 36.2 54.4



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: 43.78 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

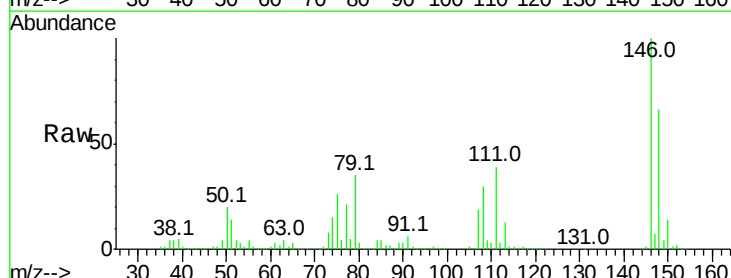
Tgt Ion:146 Resp: 532080

Ion Ratio Lower Upper

146 100

148 65.6 52.2 78.2

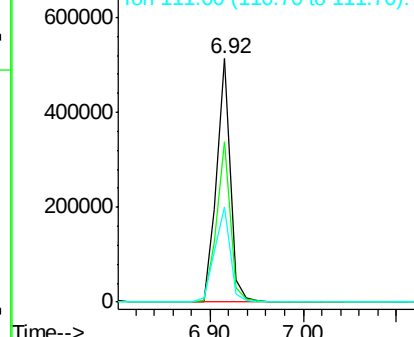
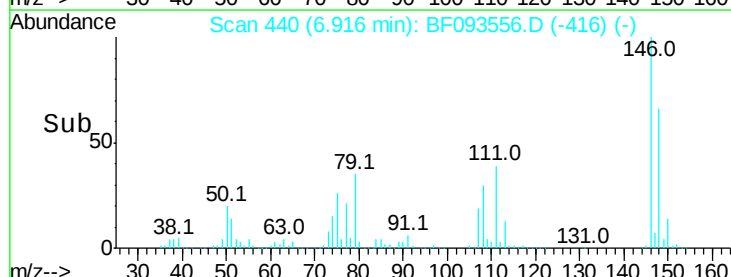
111 39.3 36.2 54.2

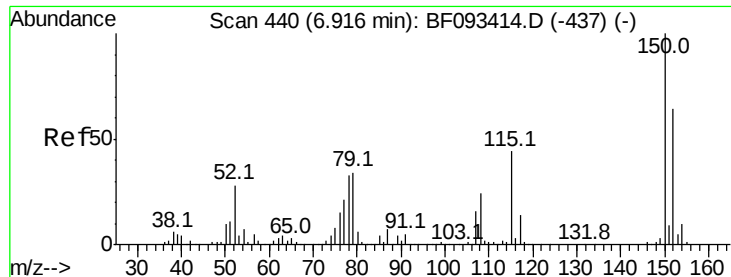


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

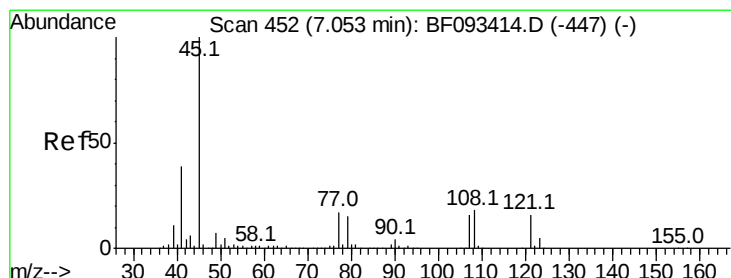
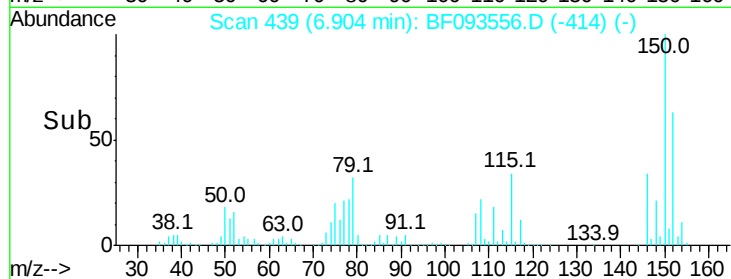
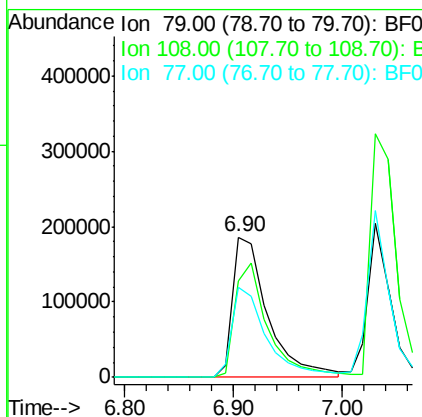
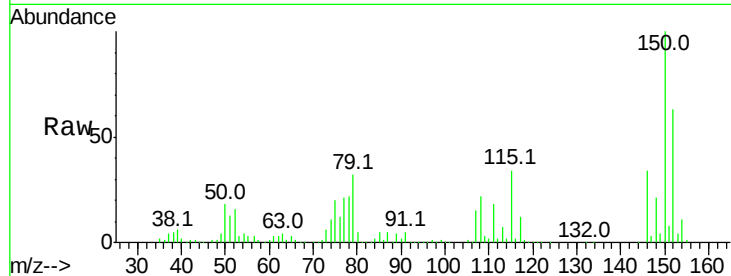




#15
Benzyl Alcohol
Concen: 44.49 ng
RT: 6.90 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

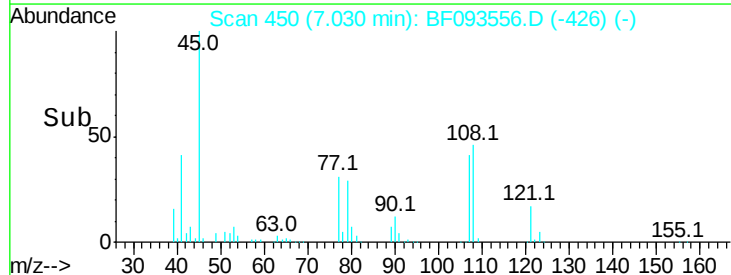
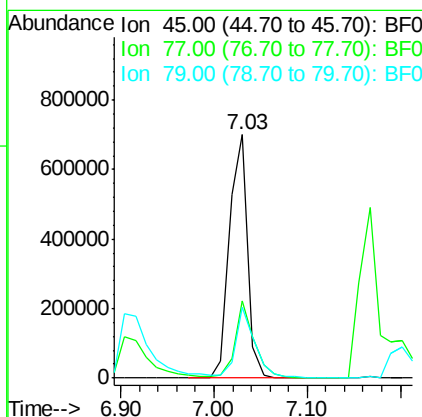
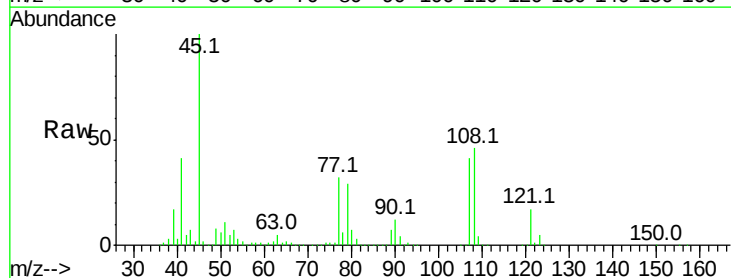
Instrument :
BNA_F
ClientSampleId :

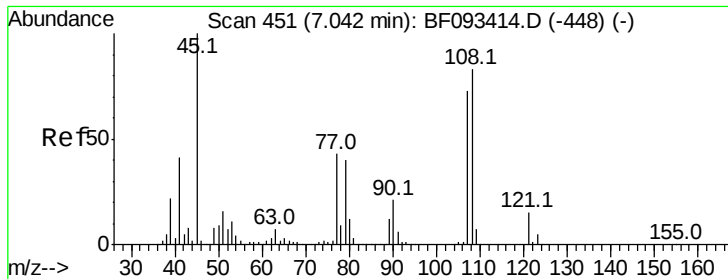
Tot Ion: 79 Resp: 418034
Ion Ratio Lower Upper
79 100
108 69.1 61.4 92.0
77 64.5 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.67 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion: 45 Resp: 947174
Ion Ratio Lower Upper
45 100
77 31.5 0.0 34.6
79 29.1 0.0 31.2

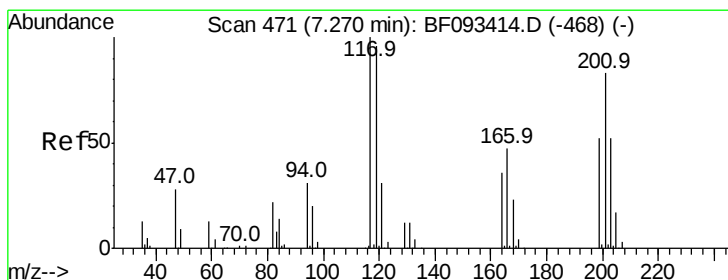
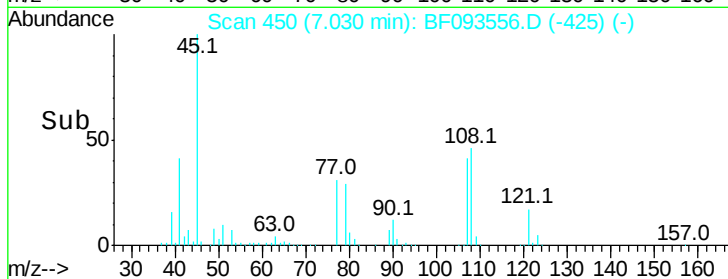
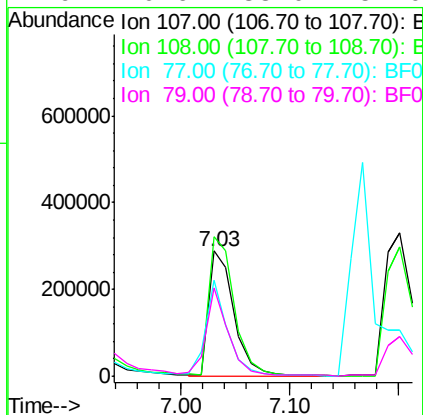
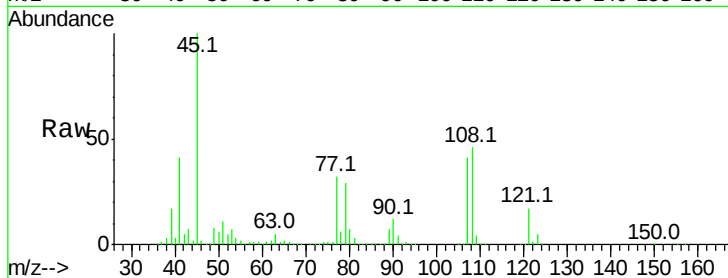




#17
2-Methylphenol
Concen: 46.74 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

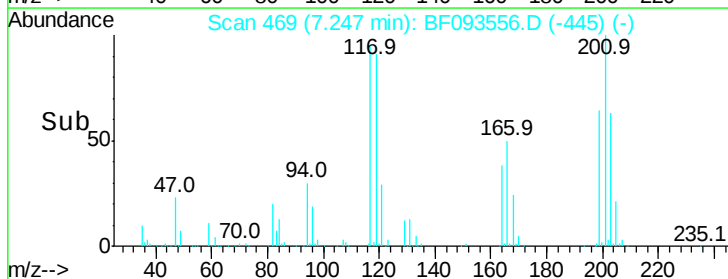
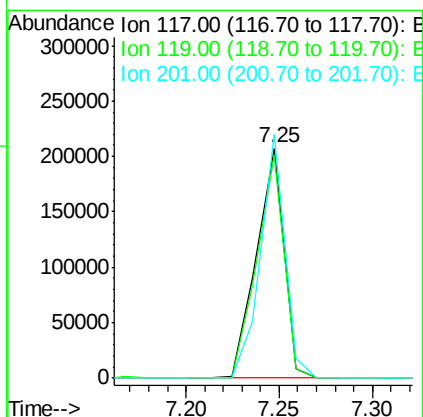
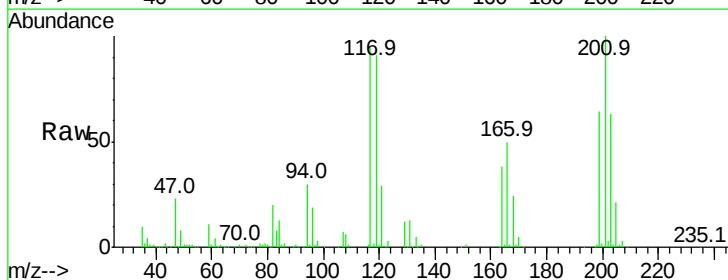
Instrument :
BNA_F
ClientSampleId :

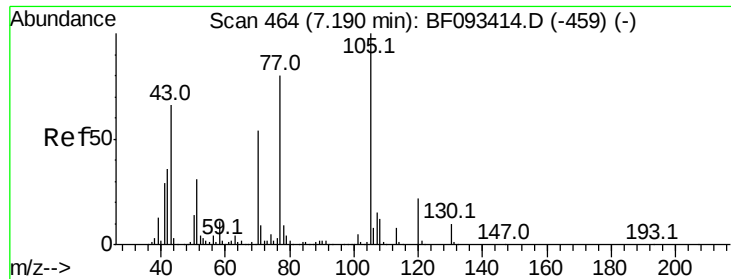
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	93.0	139.6
77	76.4	39.8	59.8
79	70.6	38.0	57.0



#18
Hexachloroethane
Concen: 45.56 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.1	117.1
201	105.8	78.6	117.8

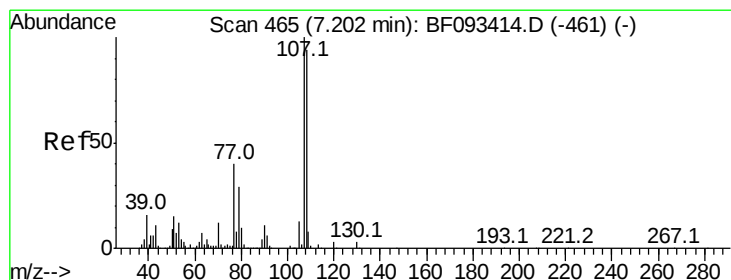
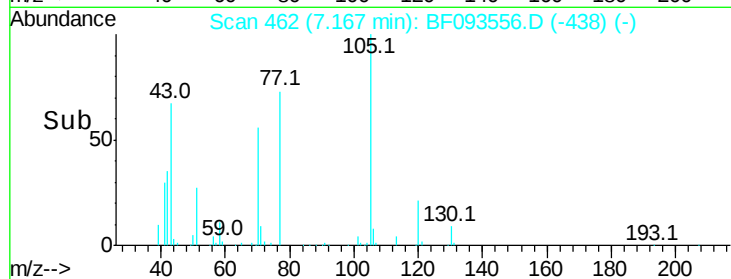
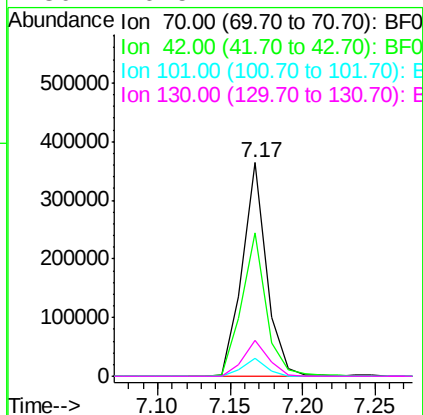
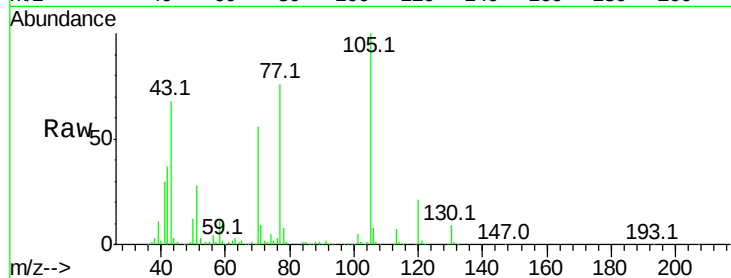




#19
 n-Nitroso-di-n-propylamine
 Concen: 47.01 ng
 RT: 7.17 min Scan# 462
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

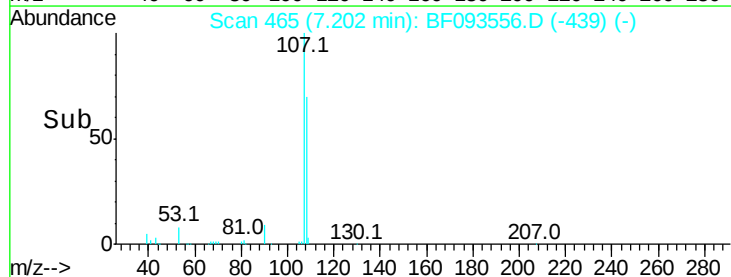
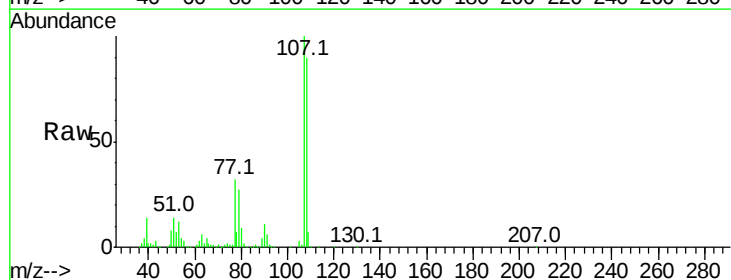
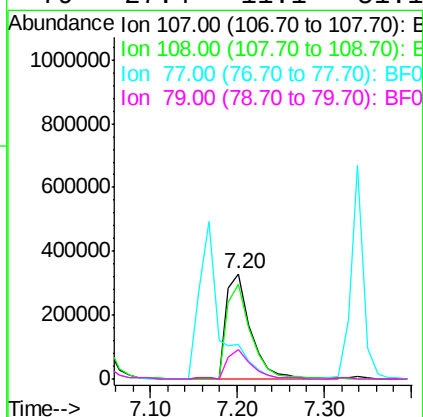
Instrument :
 BNA_F
 ClientSampleId :

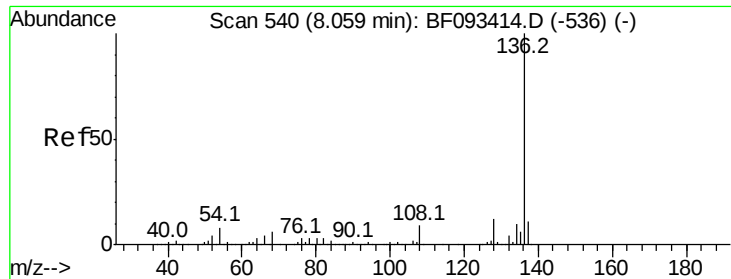
Tot Ion: 70 Resp: 426020
 Ion Ratio Lower Upper
 70 100
 42 66.9 49.4 74.0
 101 8.5 7.4 11.2
 130 16.5 14.2 21.4



#20
 3+4-Methylphenols
 Concen: 50.05 ng
 RT: 7.20 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion:107 Resp: 643059
 Ion Ratio Lower Upper
 107 100
 108 90.3 73.0 113.0
 77 32.3 71.3 111.3#
 79 27.4 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: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 678797

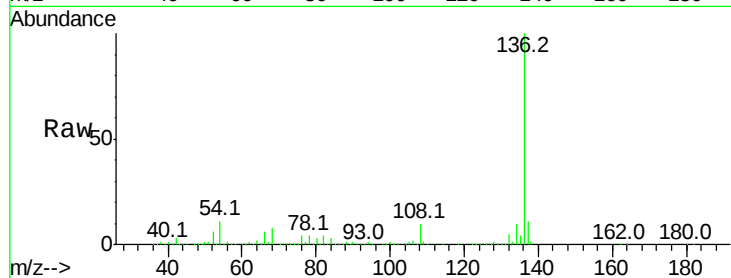
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 11.1 4.5 6.7#

68 8.0 3.6 5.4#

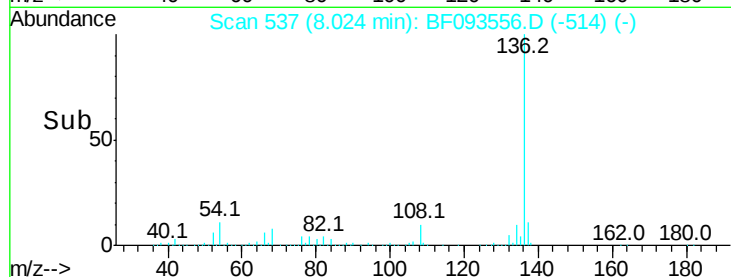


Abundance Ion 136.00 (135.70 to 136.70): E

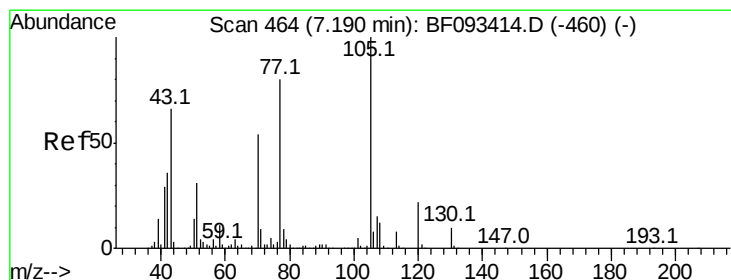
Ion 137.00 (136.70 to 137.70): E

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: 49.11 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Tgt Ion:105 Resp: 802278

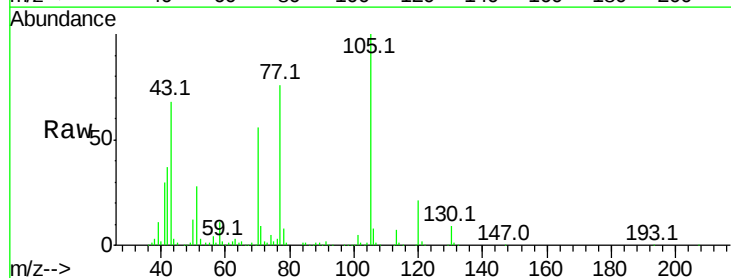
Ion Ratio Lower Upper

105 100

71 9.5 3.2 4.8#

51 28.4 26.2 39.4

120 21.4 16.6 24.8

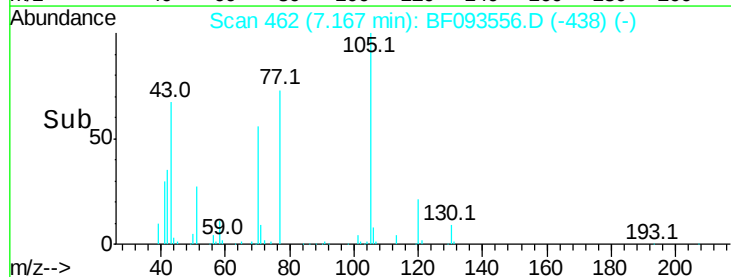


Abundance Ion 105.00 (104.70 to 105.70): E

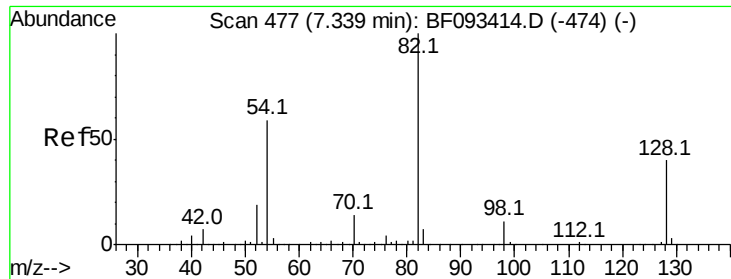
Ion 71.00 (70.70 to 71.70): BF0

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

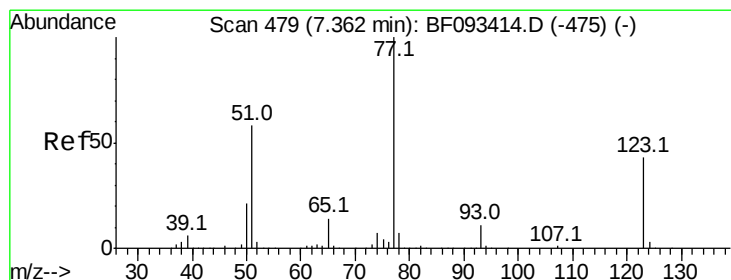
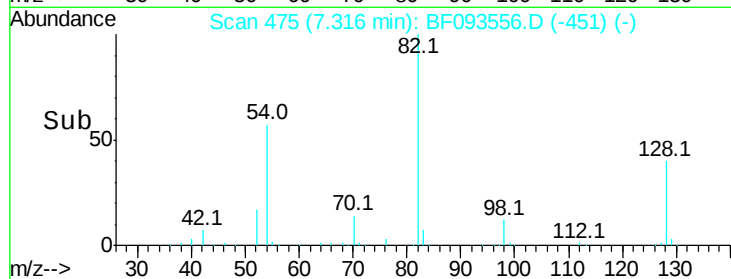
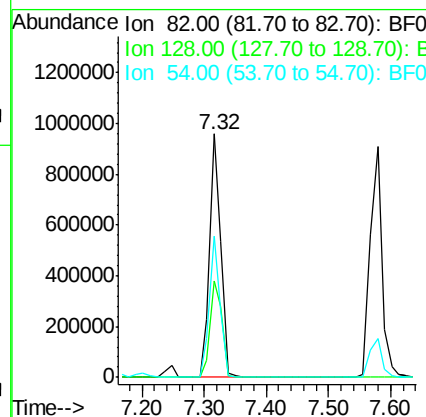
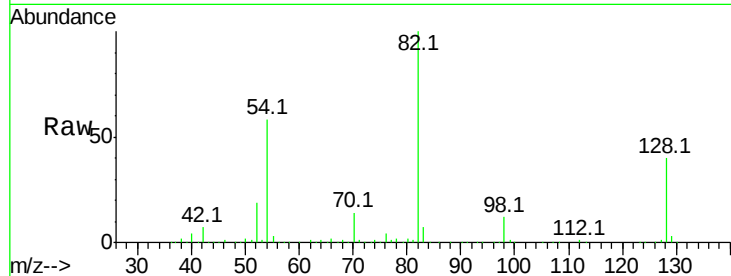


#23
 Nitrobenzene-d5
 Concen: 98.47 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1204711

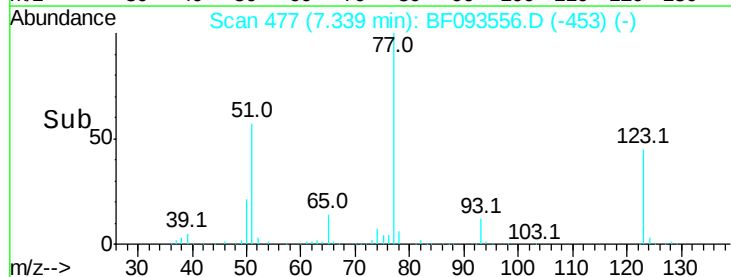
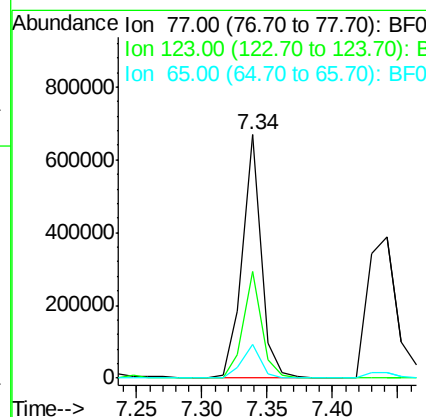
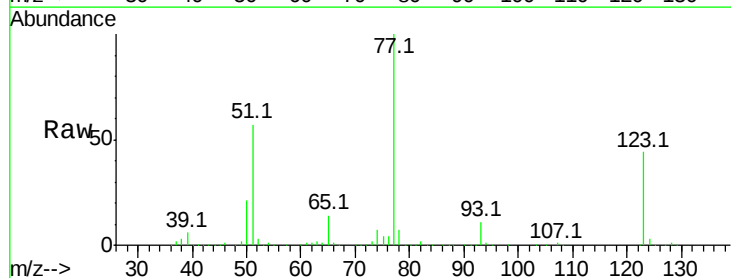
Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.6	52.0
54	58.2	39.5	59.3

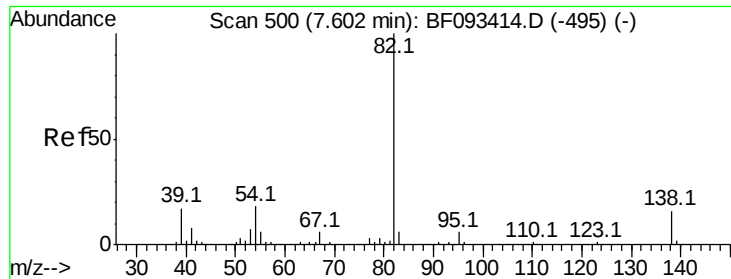


#24
 Nitrobenzene
 Concen: 48.19 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion: 77 Resp: 662550

Ion	Ratio	Lower	Upper
77	100		
123	44.0	33.0	49.4
65	14.1	11.2	16.8

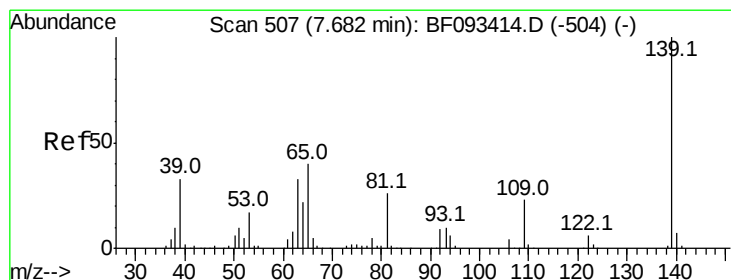
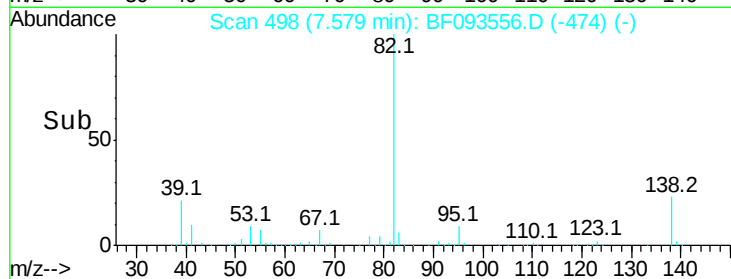
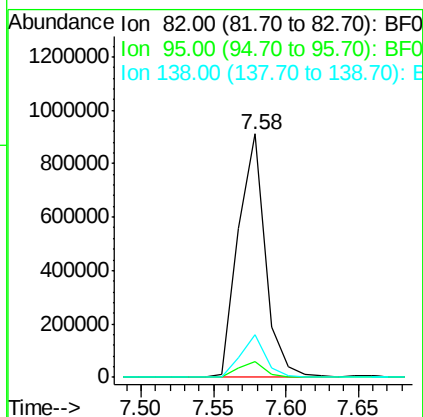
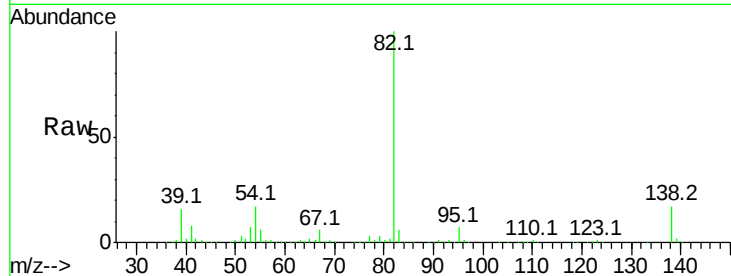




#25
Isophorone
Concen: 48.05 ng
RT: 7.58 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

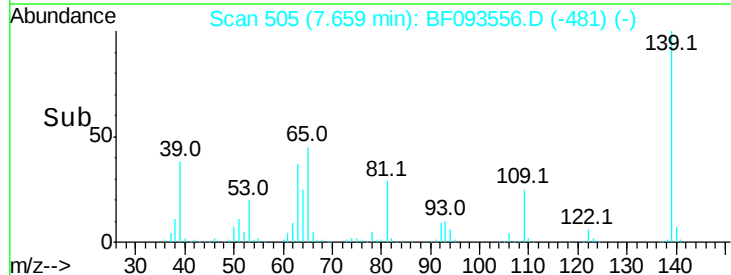
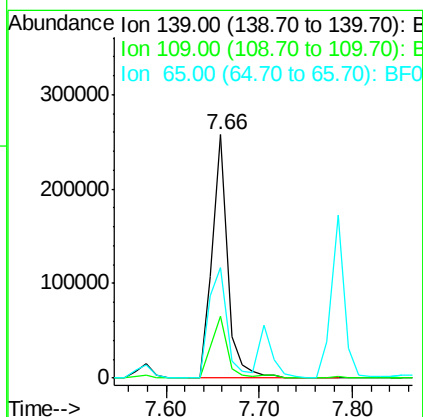
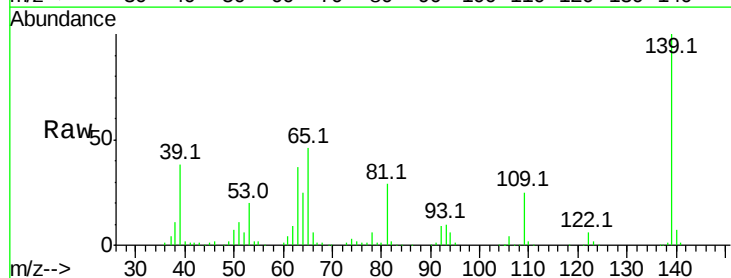
Instrument :
BNA_F
ClientSampleId :

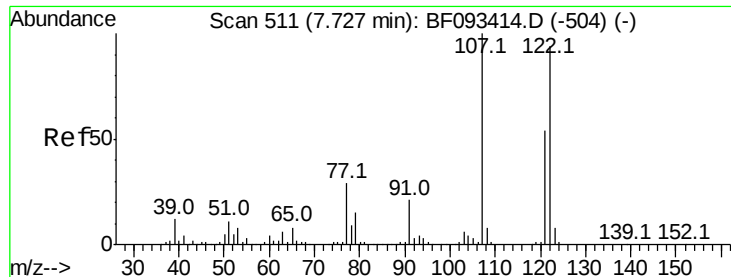
Tot Ion: 82 Resp: 1185318
Ion Ratio Lower Upper
82 100
95 6.6 5.6 8.4
138 17.5 14.6 22.0



#26
2-Nitrophenol
Concen: 47.91 ng
RT: 7.66 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion: 139 Resp: 300560
Ion Ratio Lower Upper
139 100
109 25.3 23.3 34.9
65 45.5 42.7 64.1

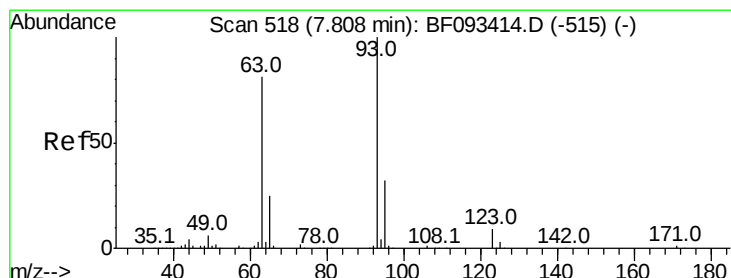
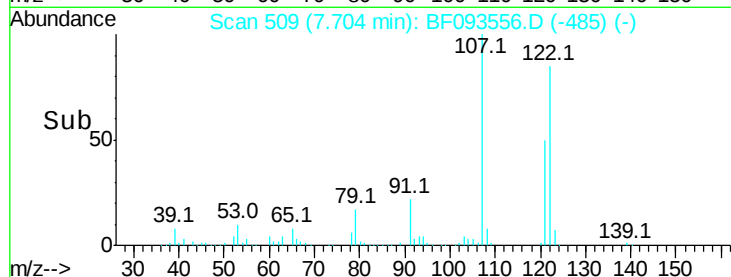
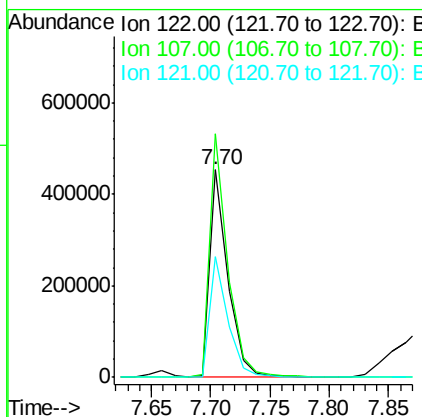
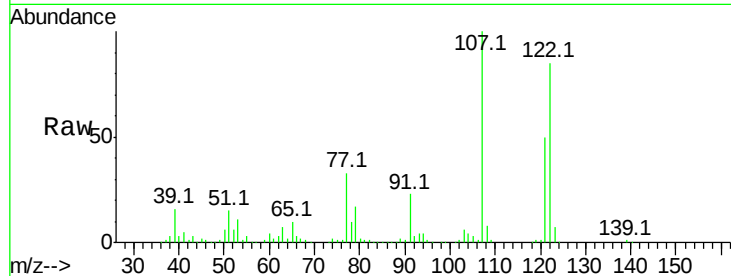




#27
 2,4-Dimethylphenol
 Concen: 46.99 ng
 RT: 7.70 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

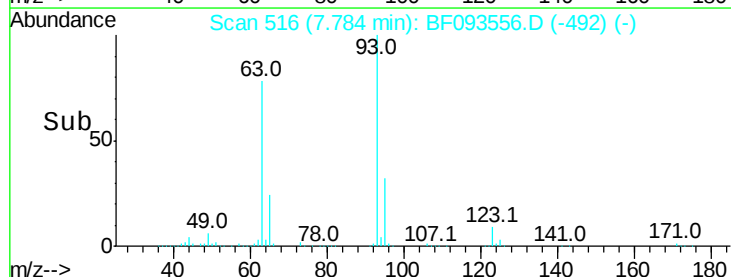
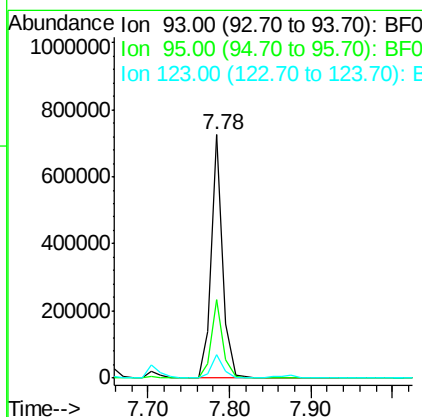
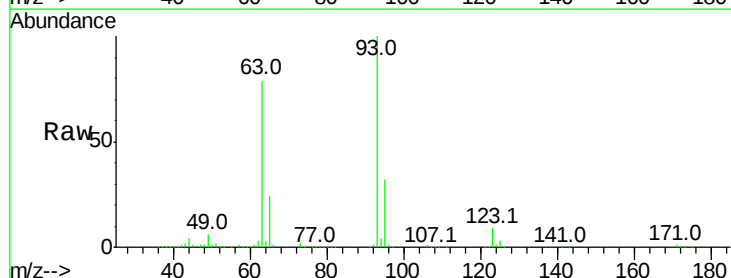
Instrument :
 BNA_F
 ClientSampled :

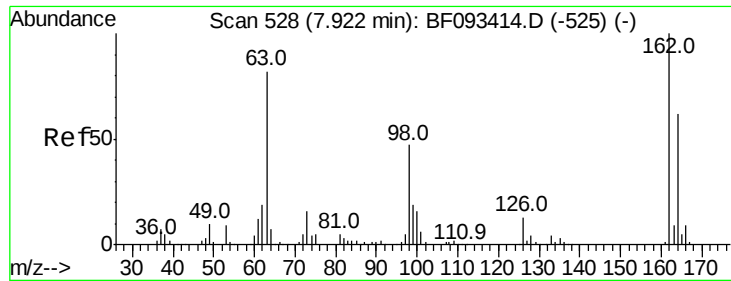
Tot Ion:122 Resp: 479538
 Ion Ratio Lower Upper
 122 100
 107 117.4 94.1 141.1
 121 58.3 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.19 ng
 RT: 7.78 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion: 93 Resp: 719450
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.5 39.7
 123 9.5 8.6 13.0

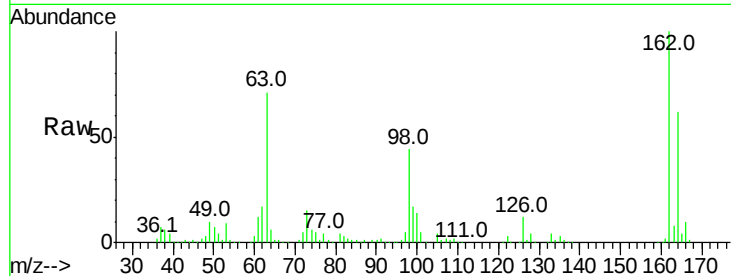




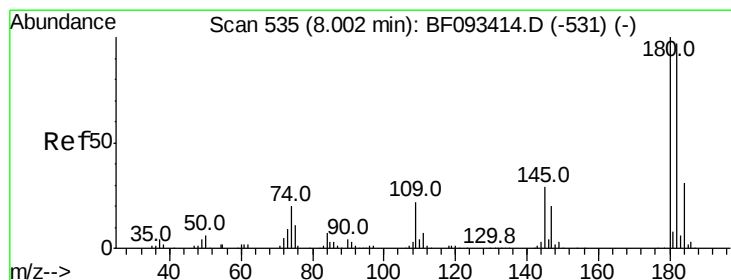
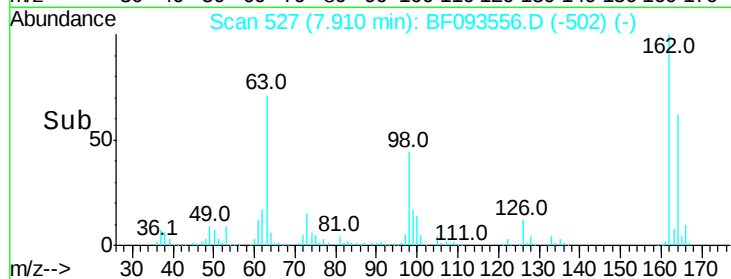
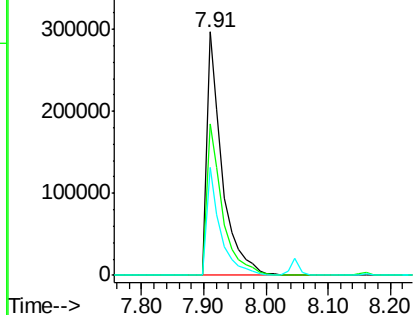
#29
 2,4-Dichlorophenol
 Concen: 51.81 ng
 RT: 7.91 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	46.8	86.8
98	44.2	9.1	49.1

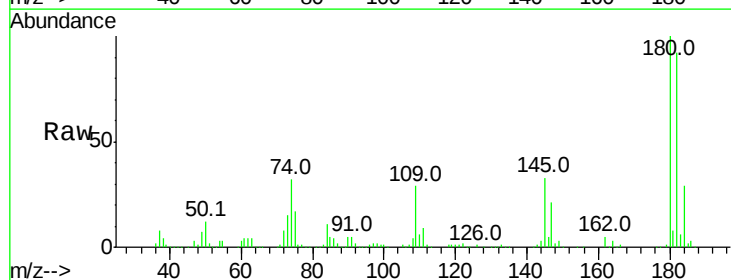


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

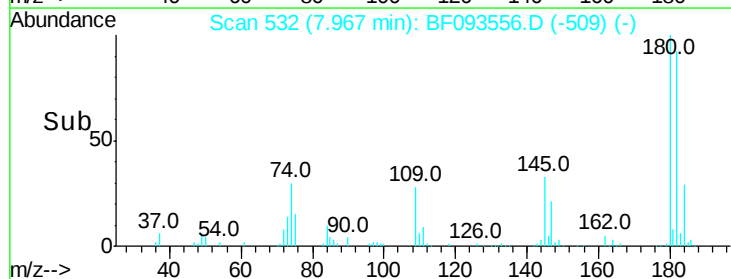
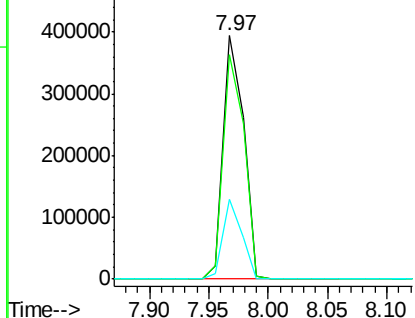


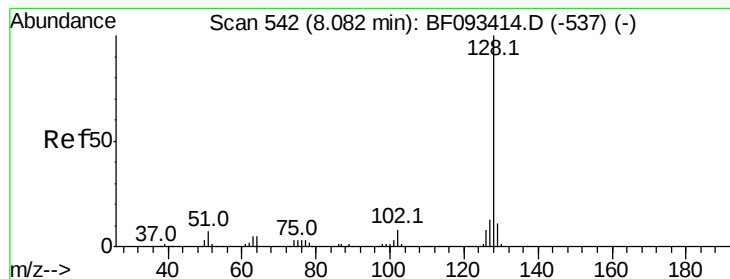
#30
 1,2,4-Trichlorobenzene
 Concen: 46.08 ng
 RT: 7.97 min Scan# 532
 Delta R.T. -0.03 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	78.2	117.4
145	32.5	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: 44.39 ng

RT: 8.05 min Scan# 539

Delta R.T. -0.03 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

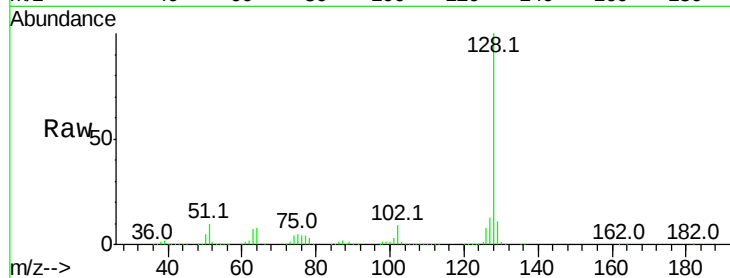
Tot Ion:128 Resp: 1510138

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

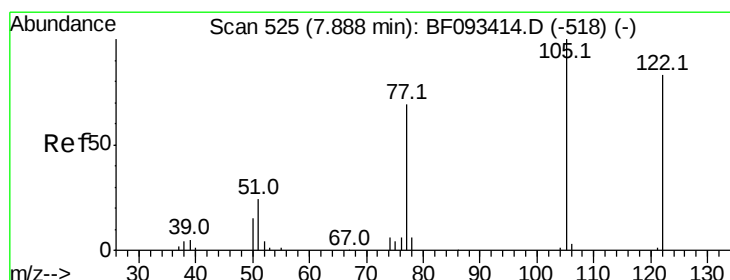
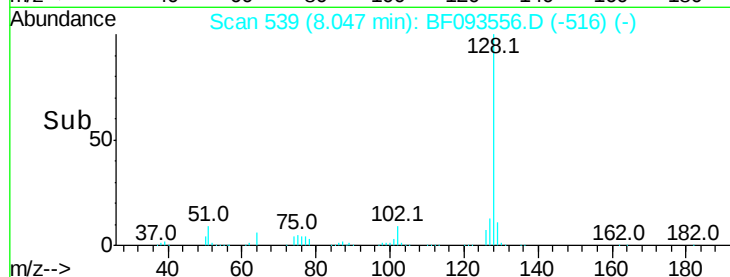
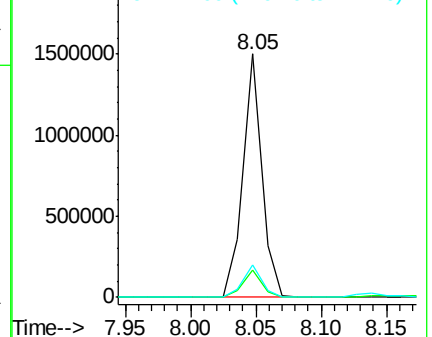
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

2000000 Ion 129.00 (128.70 to 129.70): E

1500000 Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.70 ng

RT: 7.88 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

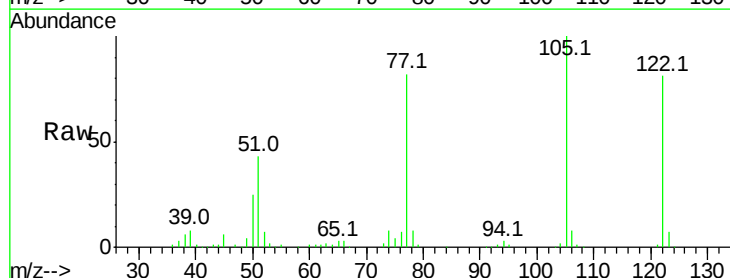
Tgt Ion:122 Resp: 242344

Ion Ratio Lower Upper

122 100

105 122.9 107.2 147.2

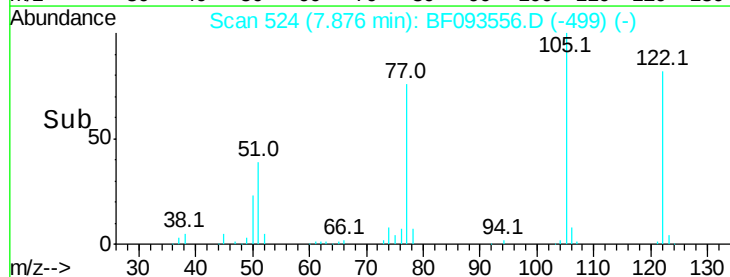
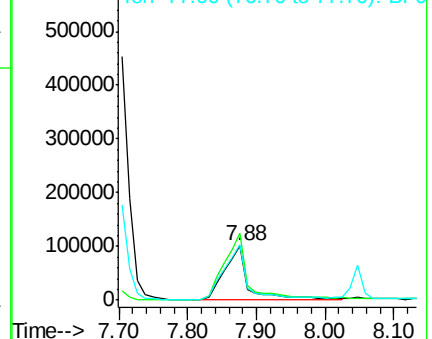
77 100.5 74.5 114.5

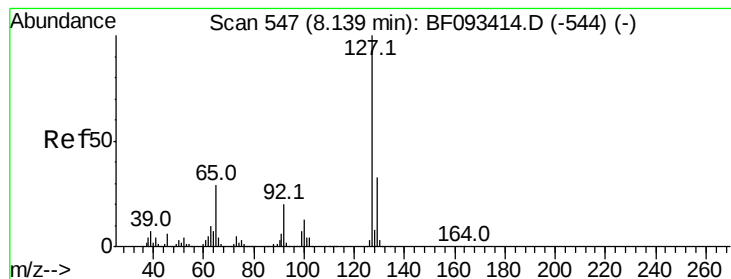


Abundance Ion 122.00 (121.70 to 122.70): E

600000 Ion 105.00 (104.70 to 105.70): E

500000 Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 4.08 ng

RT: 8.14 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 56332

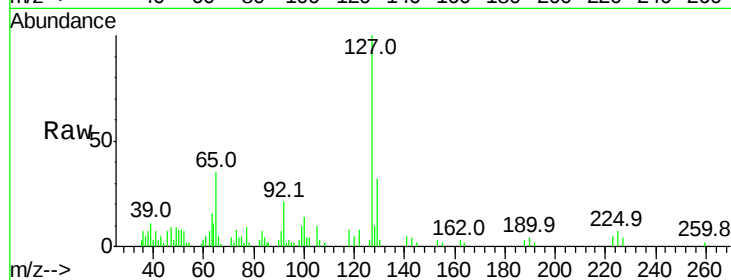
Ion Ratio Lower Upper

127 100

129 32.3 26.3 39.5

65 34.7 25.8 38.8

92 21.1 16.1 24.1

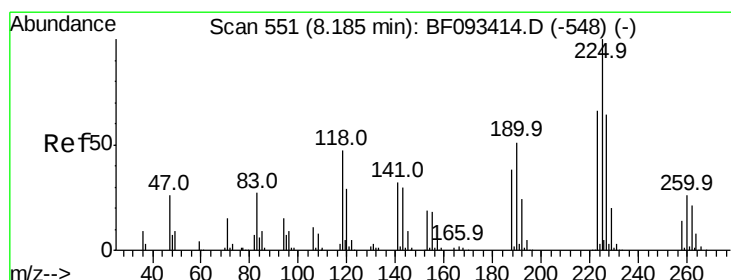
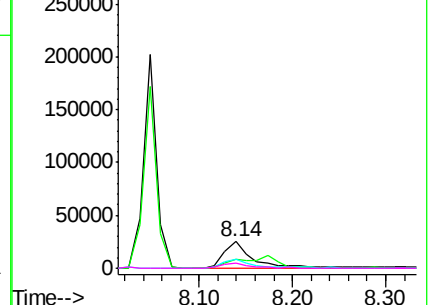
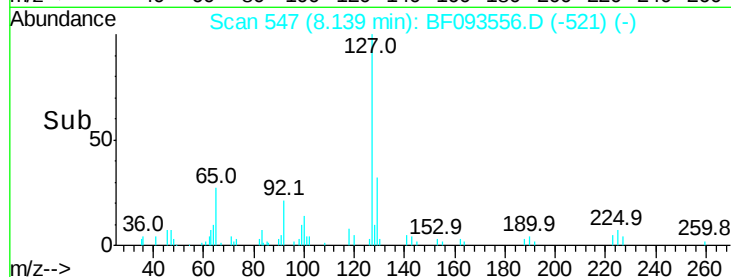


Abundance Ion 127.00 (126.70 to 127.70): E

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: 48.11 ng

RT: 8.16 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

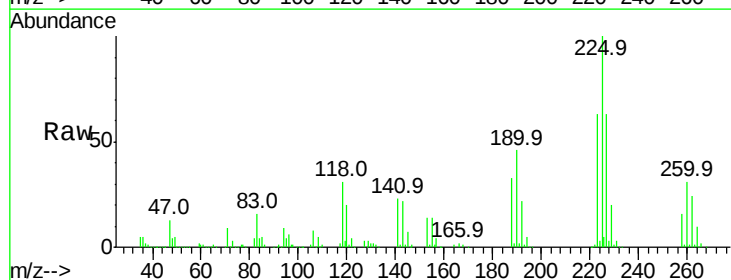
Tgt Ion:225 Resp: 253002

Ion Ratio Lower Upper

225 100

223 63.1 51.0 76.6

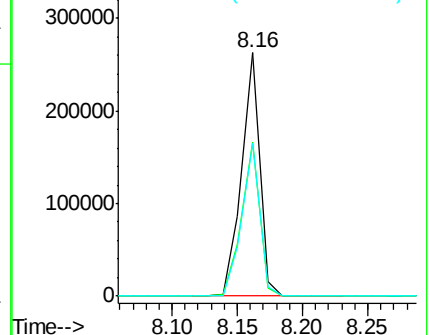
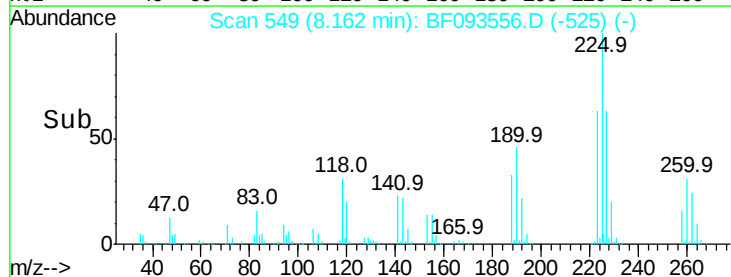
227 62.6 50.6 76.0

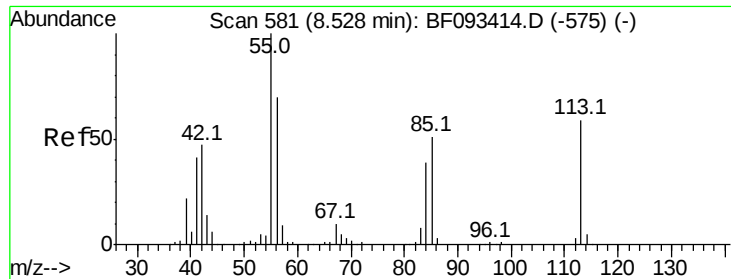


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

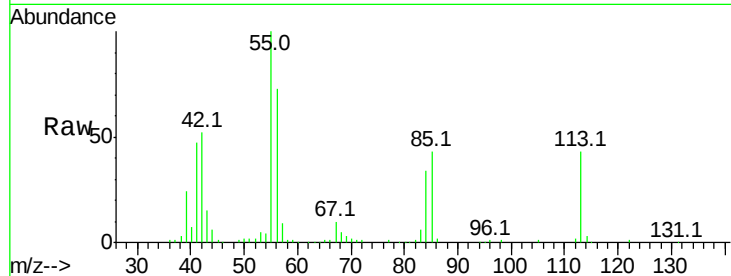




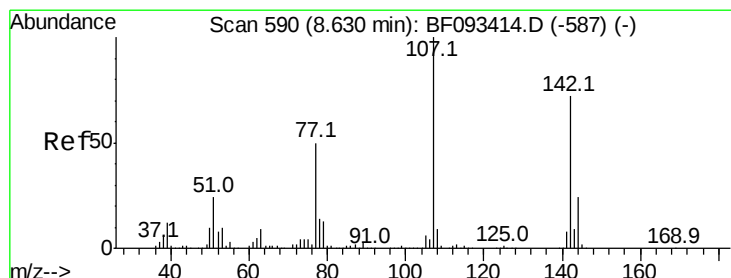
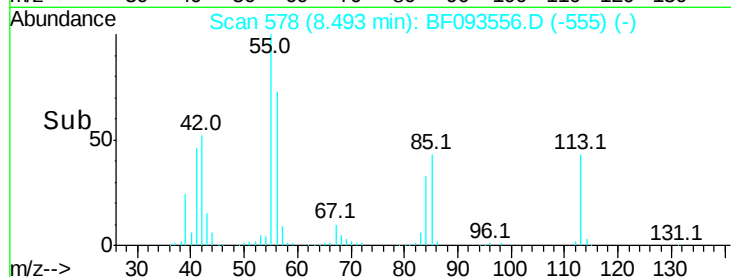
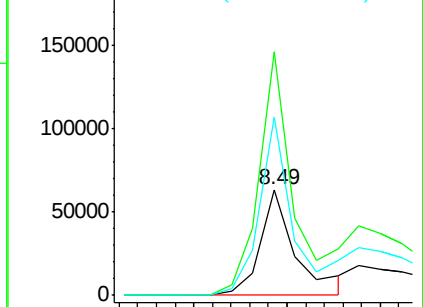
#35
 Caprolactam
 Concen: 25.70 ng
 RT: 8.49 min Scan# 578
 Delta R.T. -0.03 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 84252
 Ion Ratio Lower Upper
 113 100
 55 231.0 119.2 159.2#
 56 168.6 83.8 123.8#

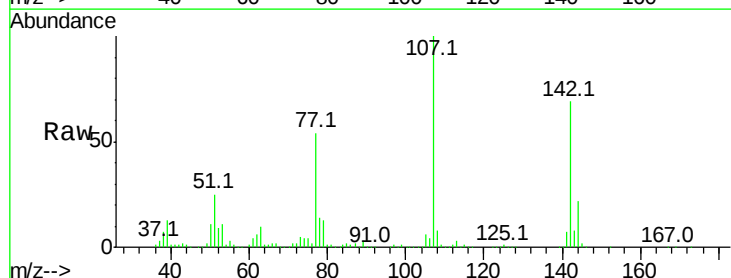


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

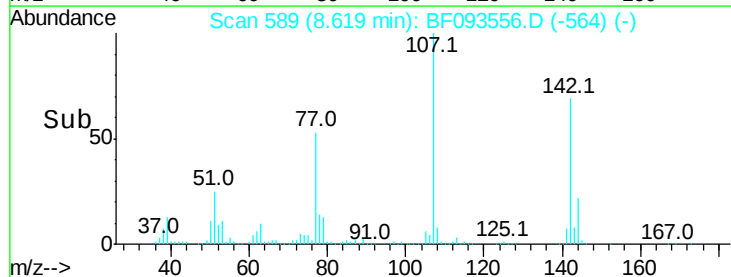
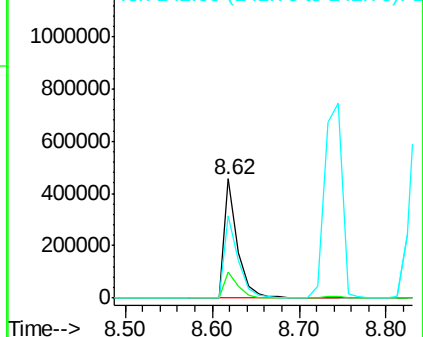


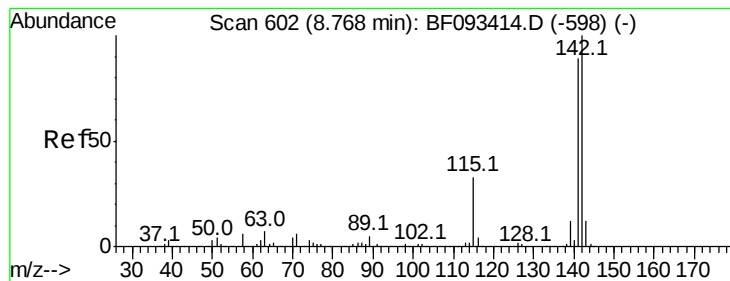
#36
 4-Chloro-3-methylphenol
 Concen: 48.11 ng
 RT: 8.62 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion:107 Resp: 493033
 Ion Ratio Lower Upper
 107 100
 144 22.1 19.3 28.9
 142 69.2 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: 47.22 ng

RT: 8.74 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

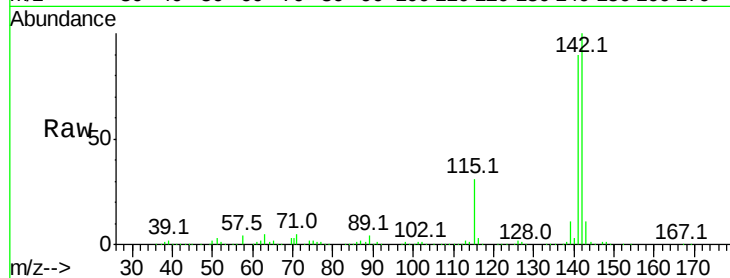
Tot Ion:142 Resp: 1021932

Ion Ratio Lower Upper

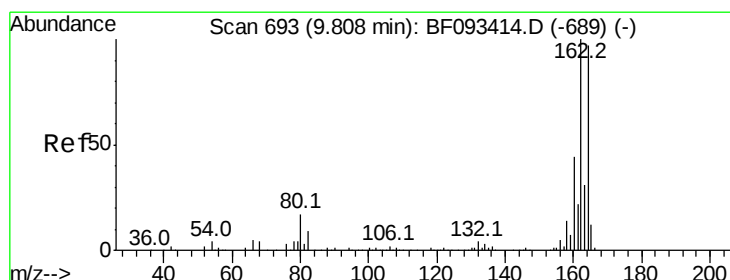
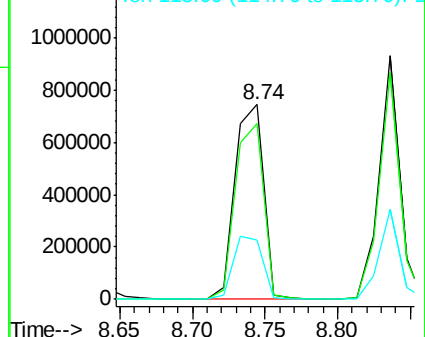
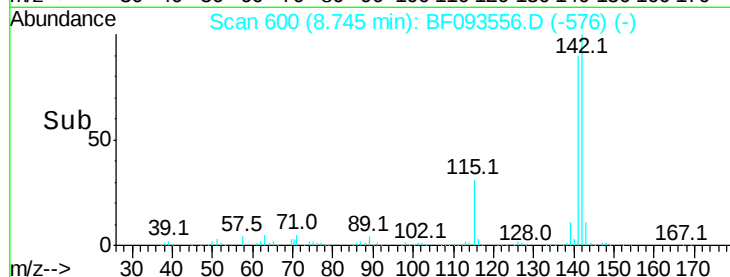
142 100

141 90.3 71.0 106.6

115 30.6 28.3 42.5



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

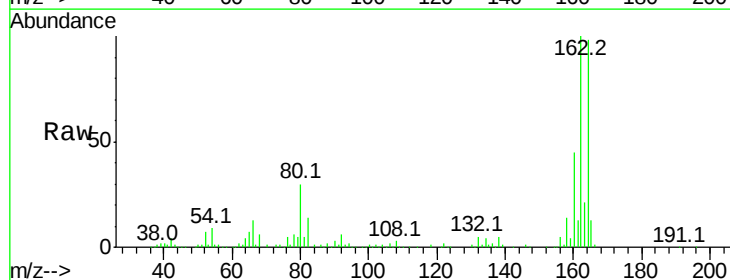
Tgt Ion:164 Resp: 328459

Ion Ratio Lower Upper

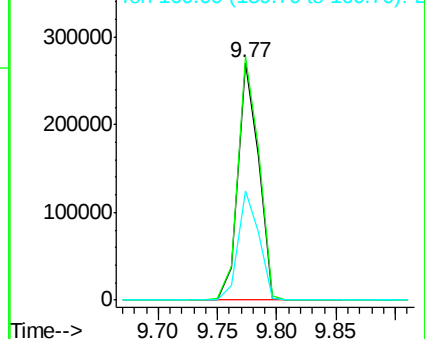
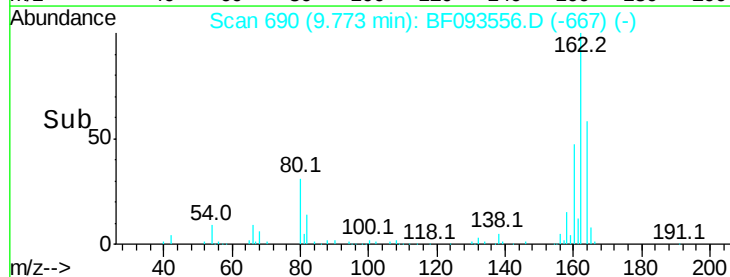
164 100

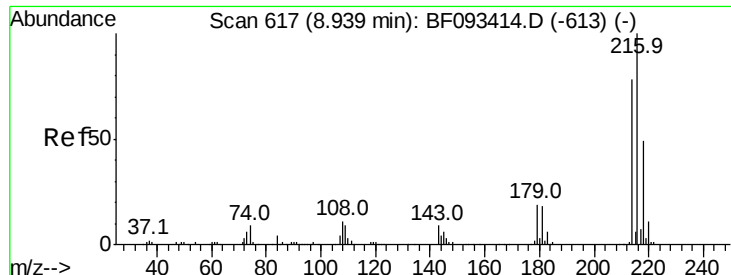
162 102.4 80.2 120.2

160 45.7 36.9 55.3



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

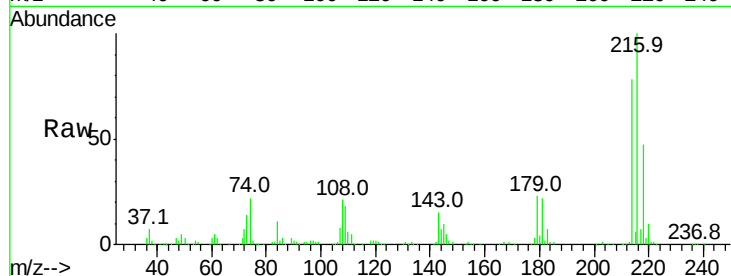




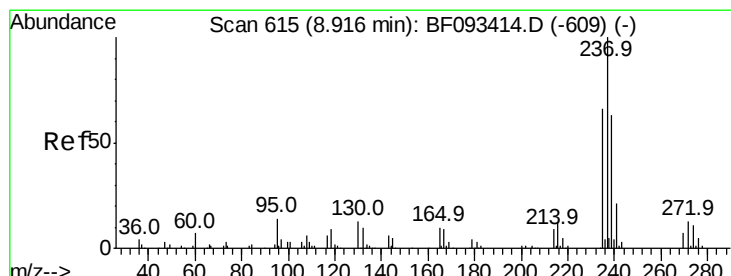
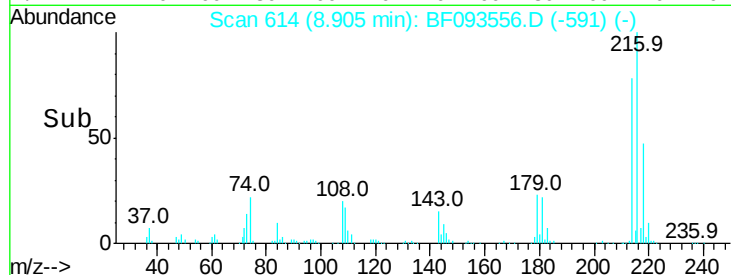
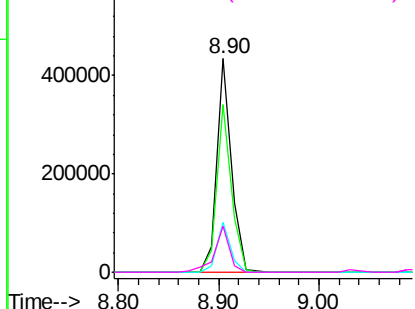
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.87 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	438300
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.4	95.0
179	21.9	17.4	26.2
108	22.5	15.6	23.4

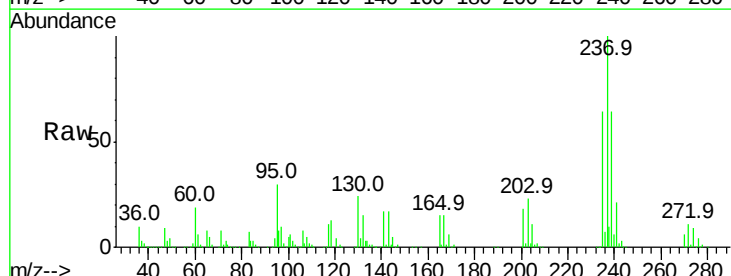


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

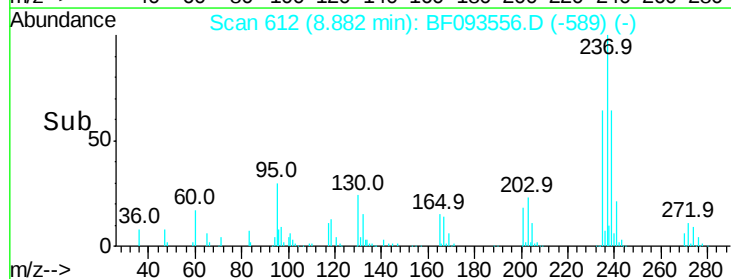
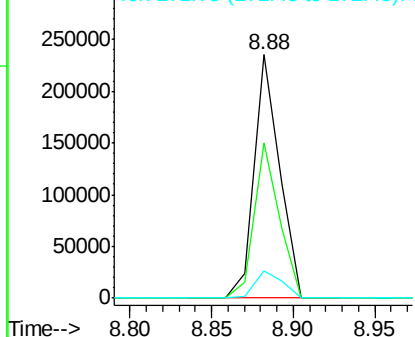


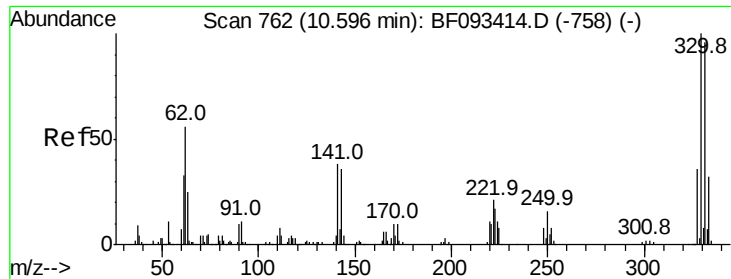
#40
 Hexachlorocyclopentadiene
 Concen: 107.40 ng
 RT: 8.88 min Scan# 612
 Delta R.T. -0.03 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion:	237	Resp:	254098
Ion	Ratio	Lower	Upper
237	100		
235	63.7	41.2	81.2
272	11.1	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

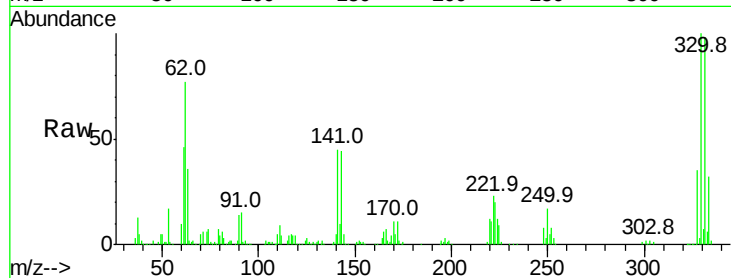




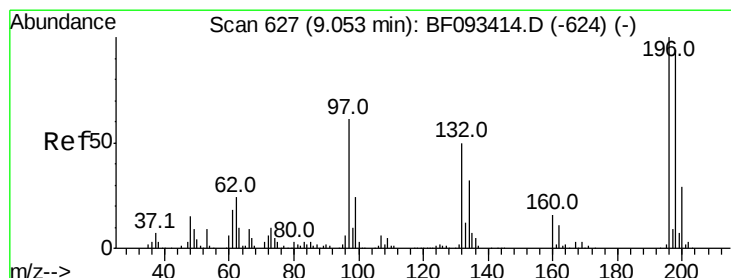
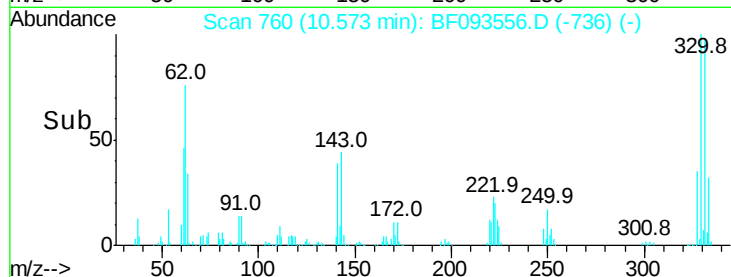
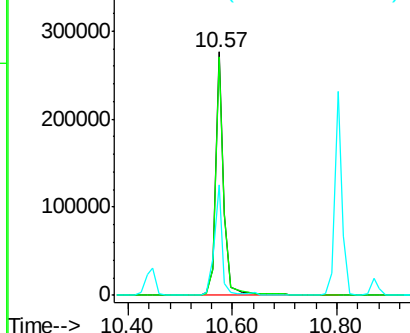
#41
 2,4,6-Tribromophenol
 Concen: 141.78 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 303399
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 43.4 34.1 51.1

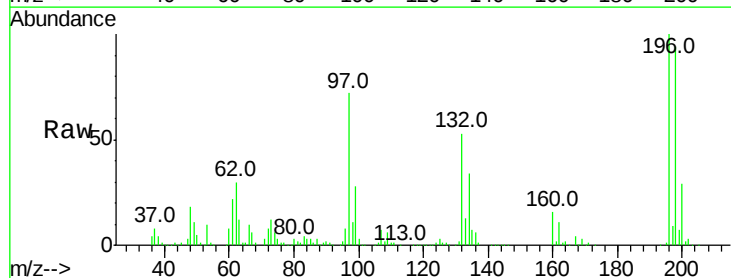


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

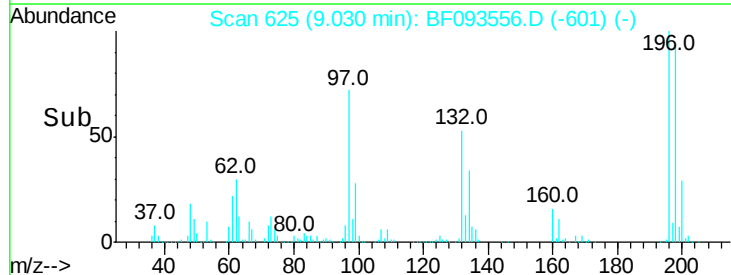
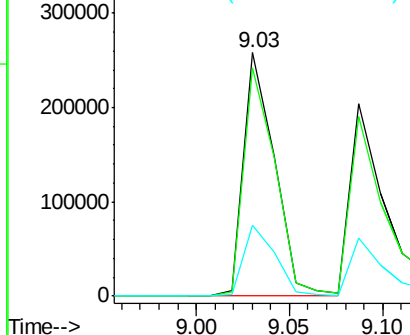


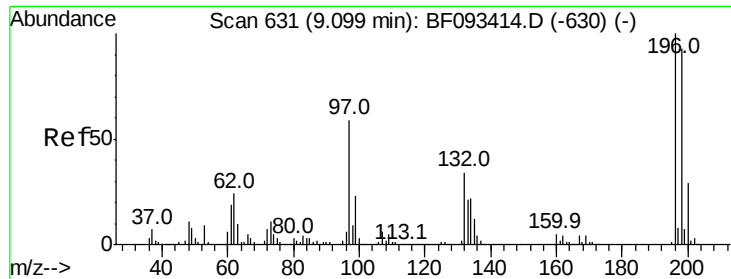
#42
 2,4,6-Trichlorophenol
 Concen: 53.34 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion:196 Resp: 298893
 Ion Ratio Lower Upper
 196 100
 198 93.7 82.1 123.1
 200 29.2 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

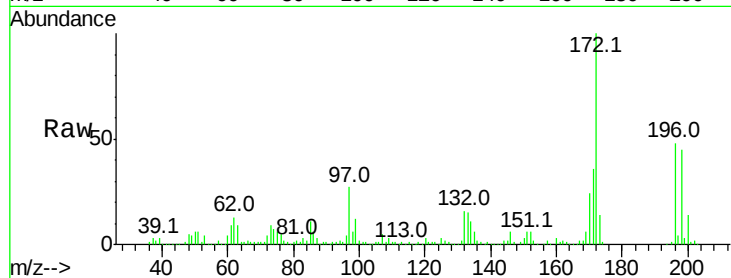




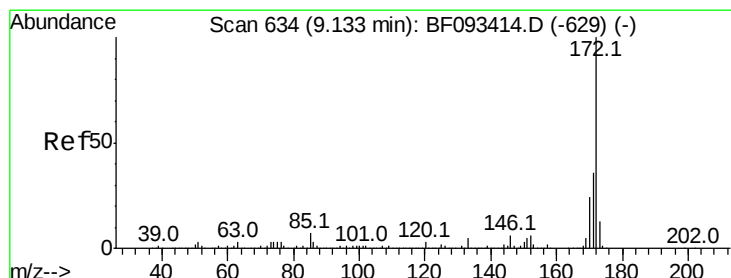
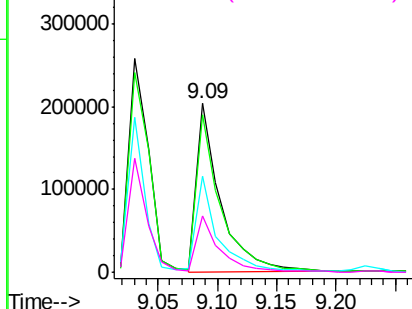
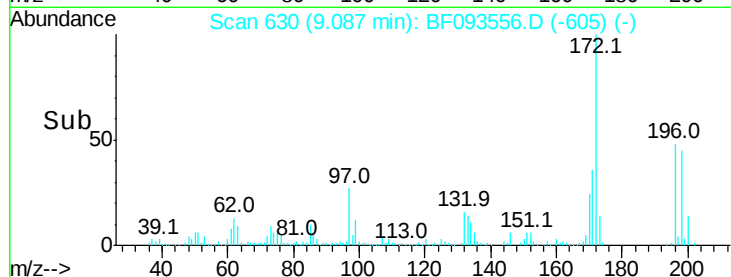
#43
 2,4,5-Trichlorophenol
 Concen: 47.42 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	285101
Ion Ratio	Lower	Upper	
196	100		
198	93.5	79.4	119.2
97	57.3	51.5	77.3
132	33.5	27.4	41.2

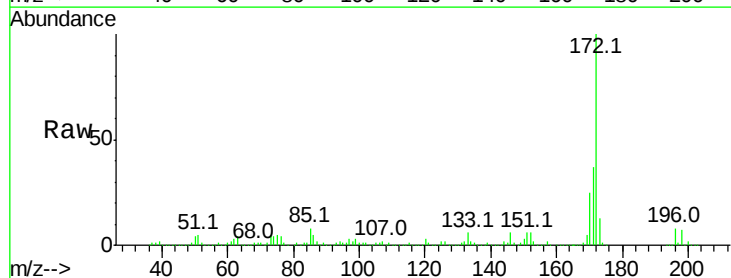


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

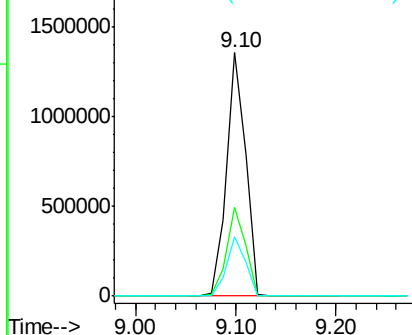
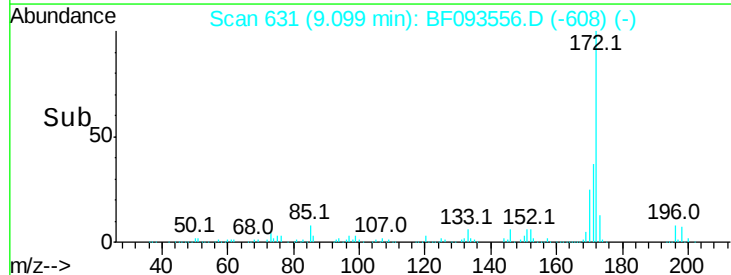


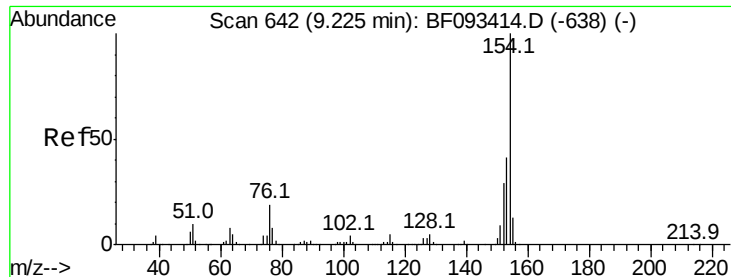
#44
 2-Fluorobiphenyl
 Concen: 101.10 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion:	172	Resp:	1785342
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.4	44.0
170	24.6	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



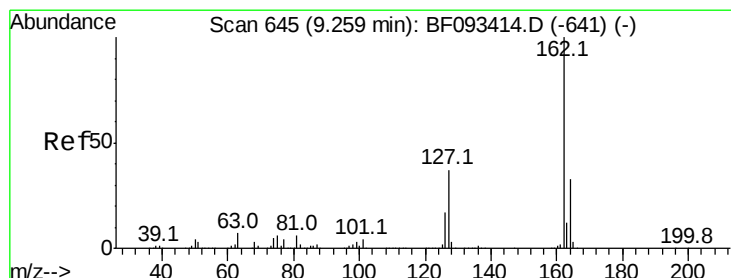
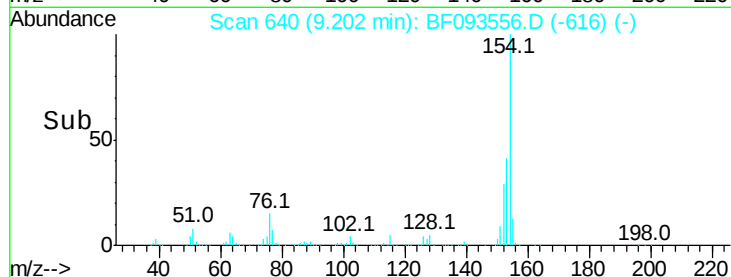
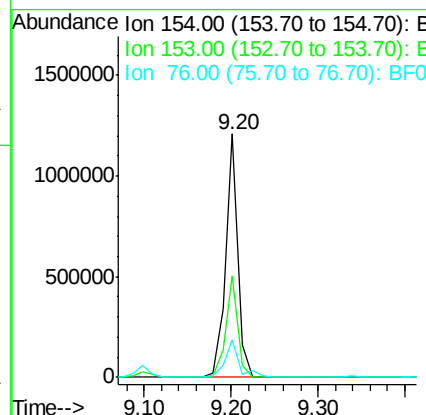
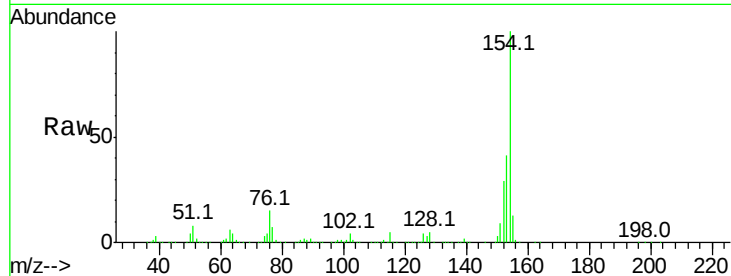


#45
 1,1'-Biphenyl
 Concen: 49.72 ng
 RT: 9.20 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1189619

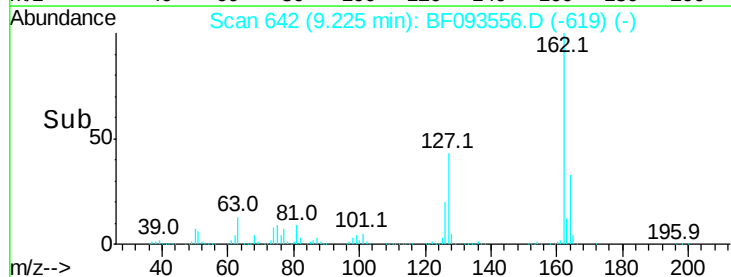
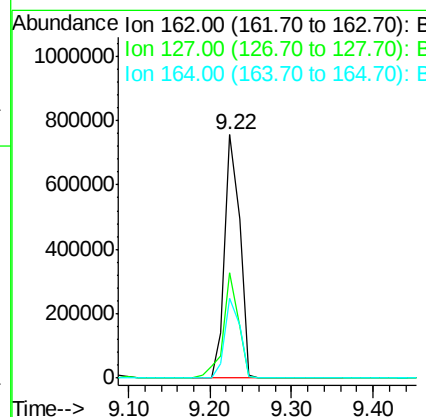
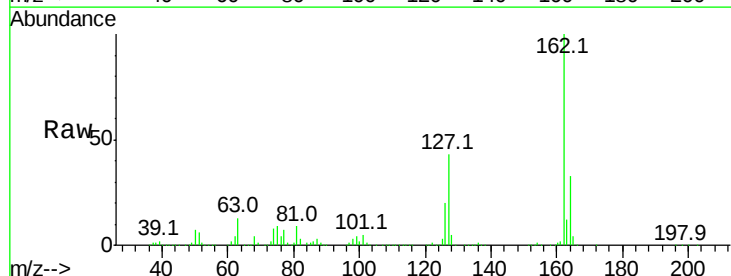
Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.9	60.9
76	15.3	0.0	30.5

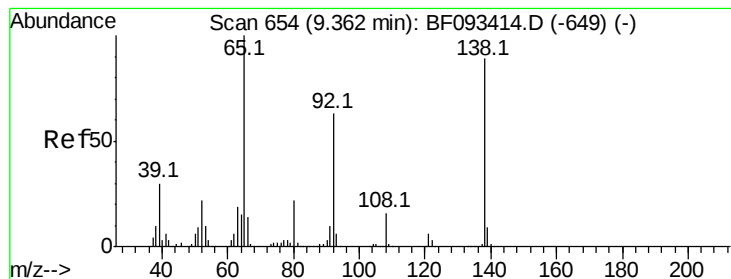


#46
 2-Chloronaphthalene
 Concen: 52.87 ng
 RT: 9.22 min Scan# 642
 Delta R.T. -0.03 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion:162 Resp: 968405

Ion	Ratio	Lower	Upper
162	100		
127	43.2	30.7	46.1
164	33.0	27.6	41.4





#47

2-Nitroaniline

Concen: 49.83 ng

RT: 9.34 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

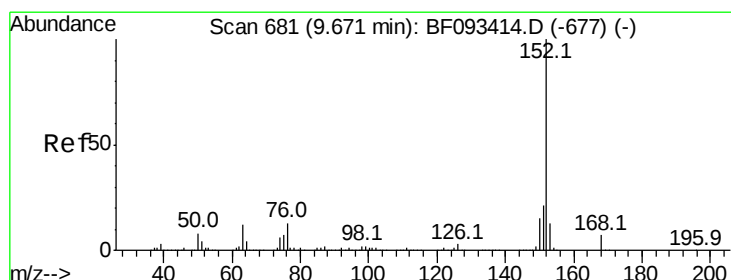
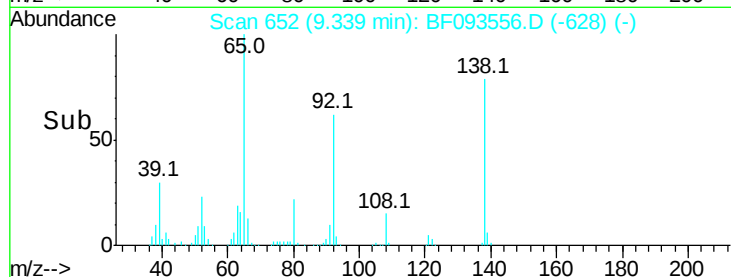
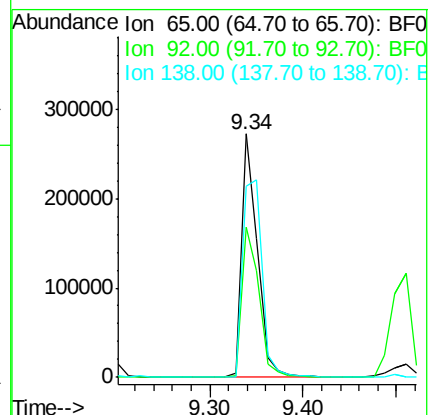
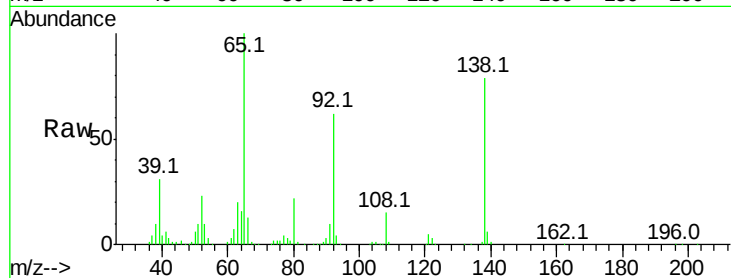
Tot Ion: 65 Resp: 322629

Ion Ratio Lower Upper

65 100

92 61.5 53.9 80.9

138 78.7 76.8 115.2



#48

Acenaphthylene

Concen: 48.45 ng

RT: 9.64 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

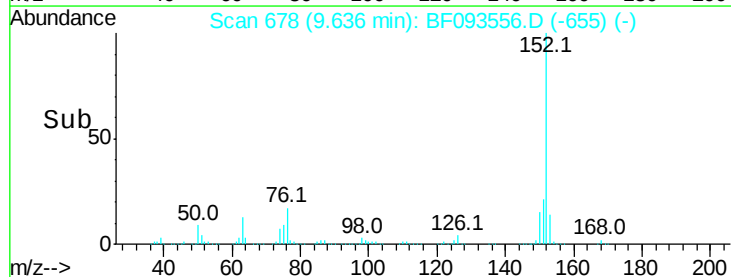
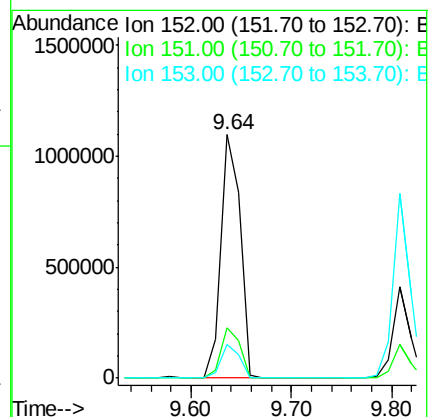
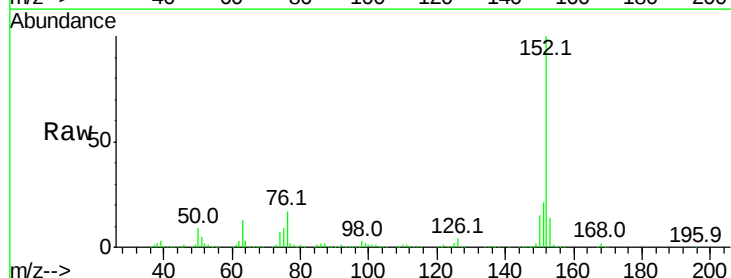
Tgt Ion: 152 Resp: 1463376

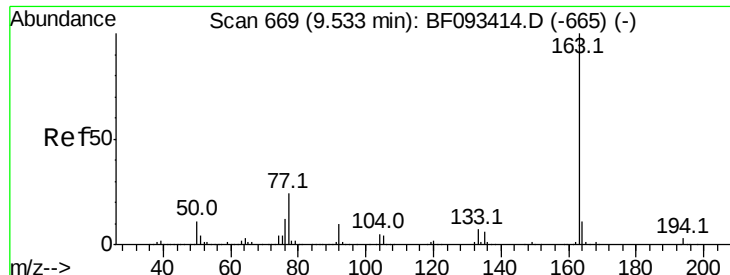
Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

153 13.8 11.4 17.2

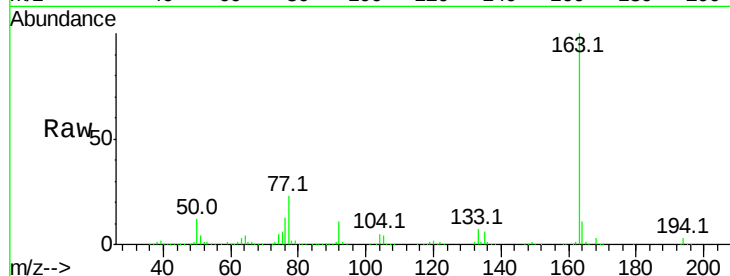




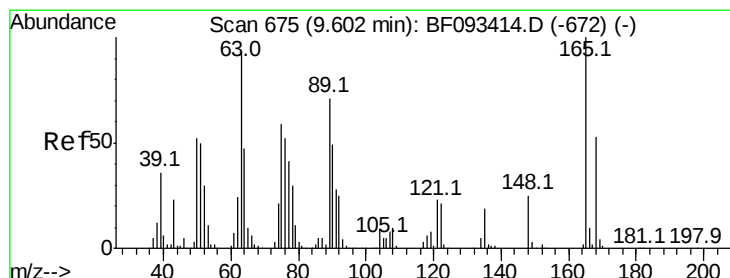
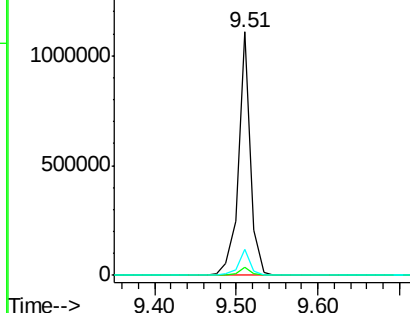
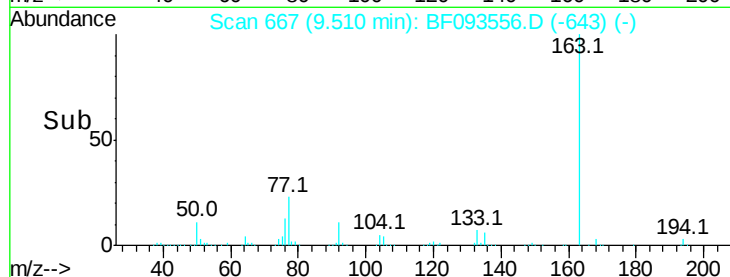
#49
Dimethylphthalate
Concen: 51.66 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1124860
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.6 8.0 12.0

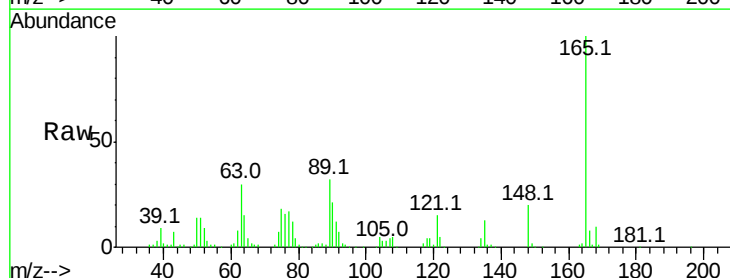


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

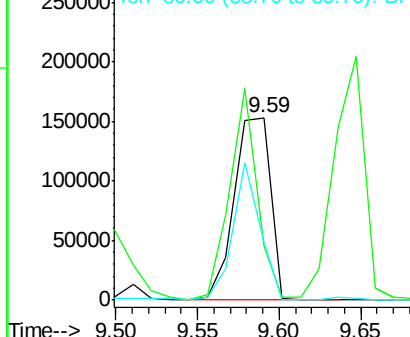
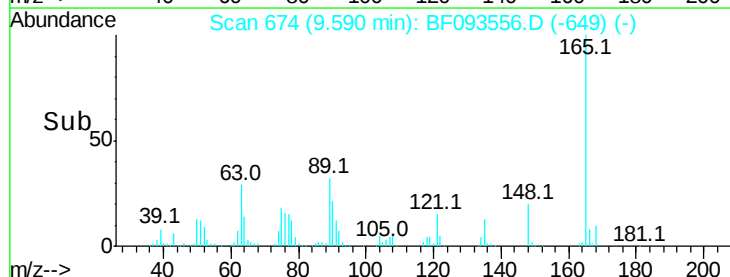


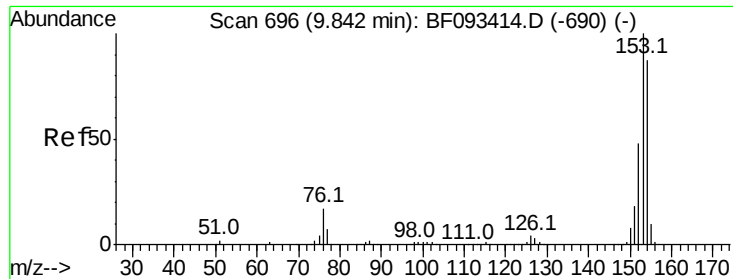
#50
2,6-Dinitrotoluene
Concen: 49.42 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion:165 Resp: 236154
Ion Ratio Lower Upper
165 100
63 29.5 36.2 54.4#
89 31.8 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

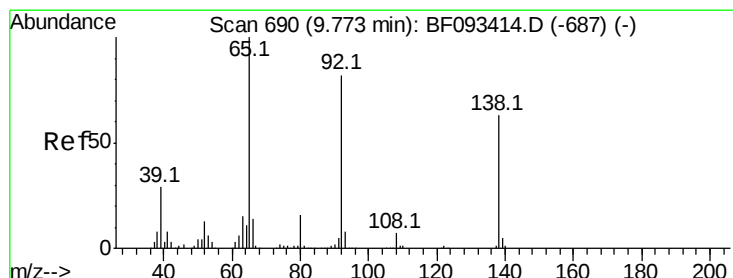
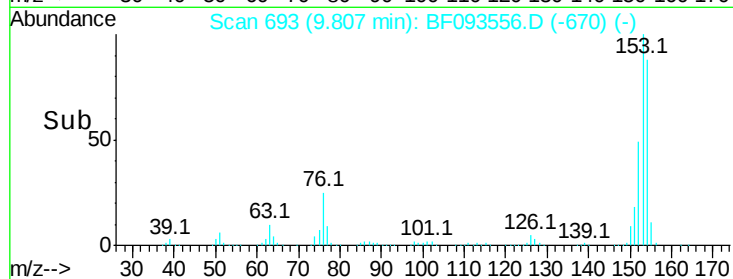
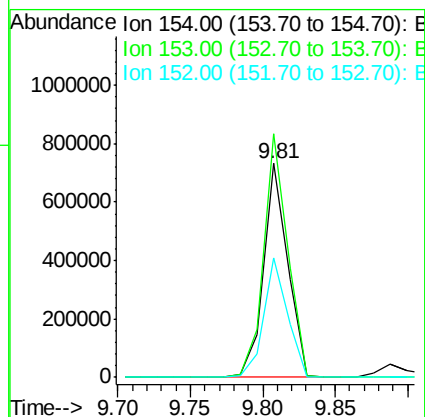
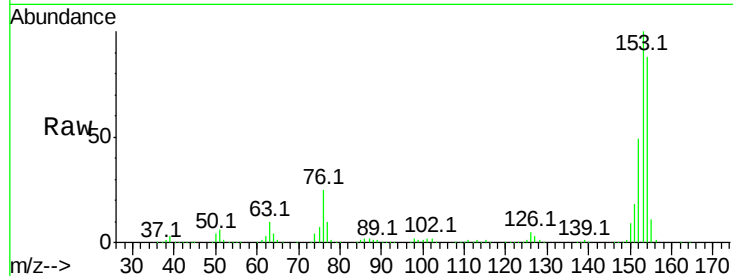




#51
Acenaphthene
Concen: 47.41 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

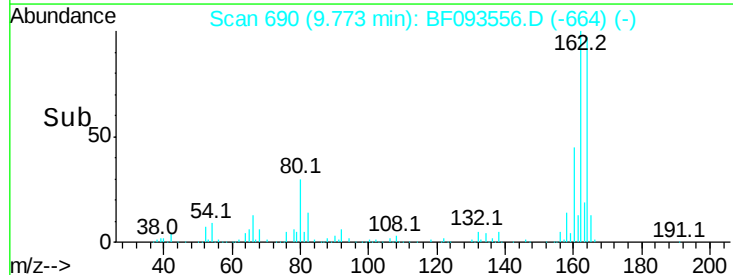
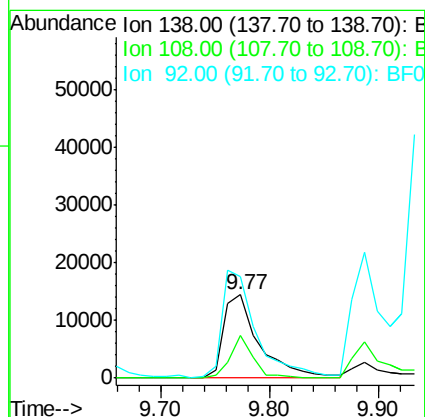
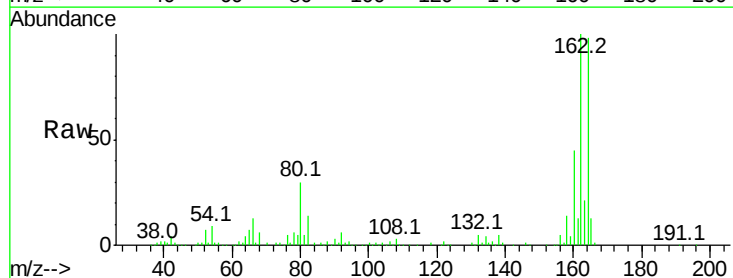
Instrument :
BNA_F
ClientSampleId :

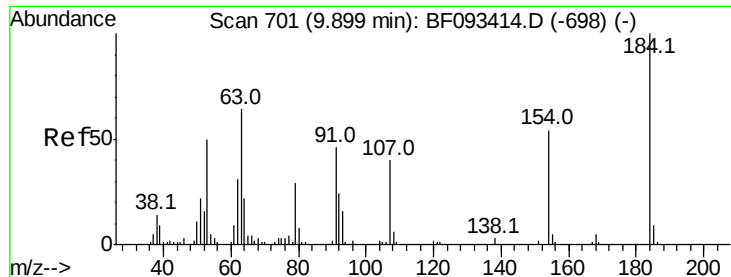
Tot Ion:154 Resp: 846776
Ion Ratio Lower Upper
154 100
153 113.7 88.6 133.0
152 56.0 41.6 62.4



#52
3-Nitroaniline
Concen: 5.77 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion:138 Resp: 33108
Ion Ratio Lower Upper
138 100
108 51.5 8.5 12.7#
92 121.9 97.8 146.8

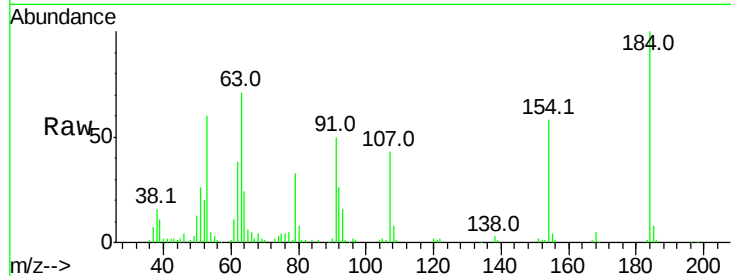




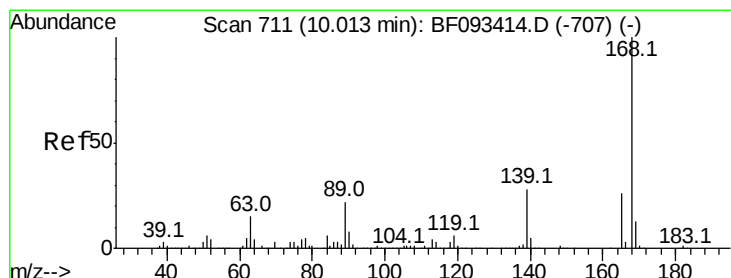
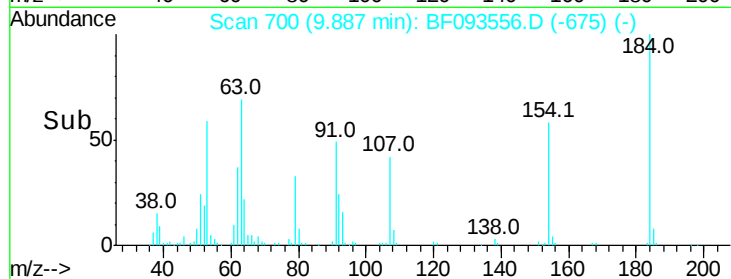
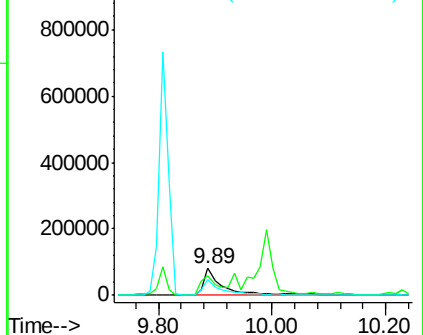
#53
 2,4-Dinitrophenol
 Concen: 90.69 ng
 RT: 9.89 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 197331
 Ion Ratio Lower Upper
 184 100
 63 71.4 28.4 42.6#
 154 57.8 44.3 66.5

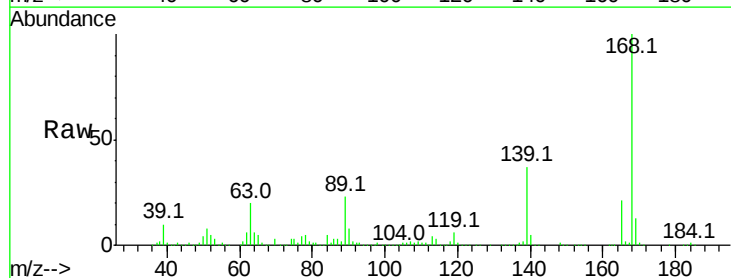


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

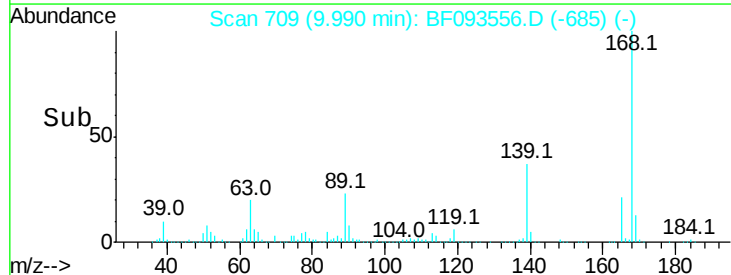
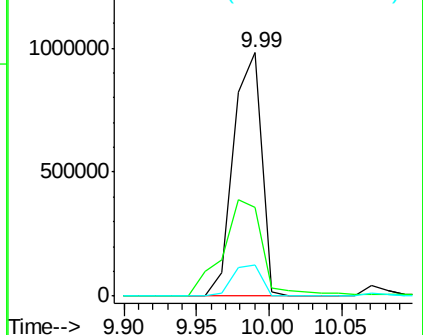


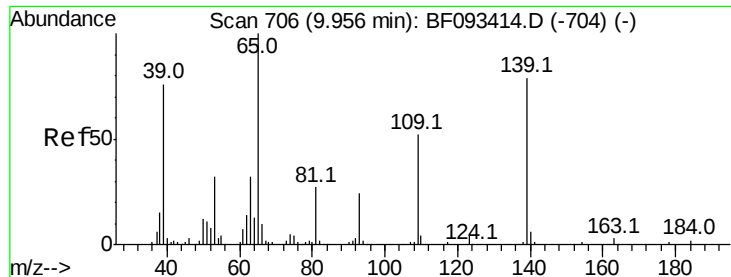
#54
 Dibenzofuran
 Concen: 58.93 ng
 RT: 9.99 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion:168 Resp: 1317513
 Ion Ratio Lower Upper
 168 100
 139 36.6 32.6 49.0
 169 12.9 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

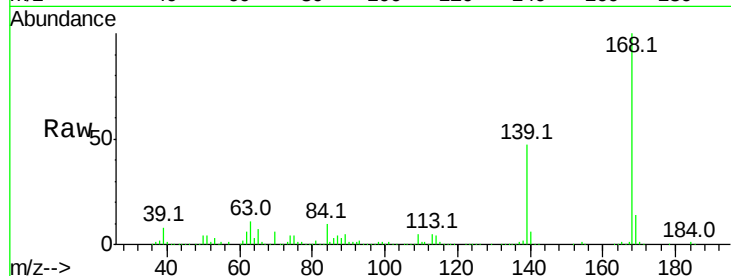




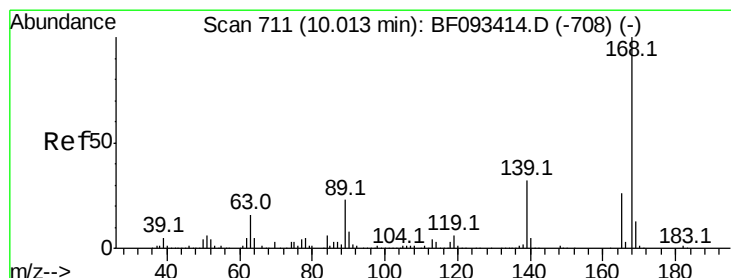
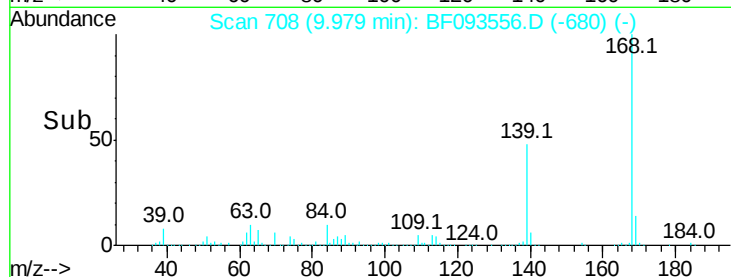
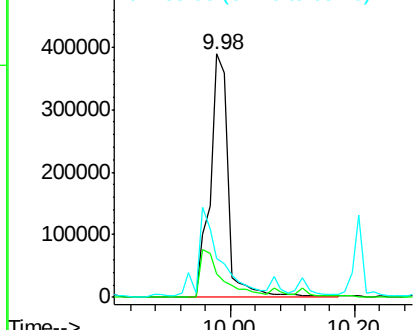
#55
4-Nitrophenol
Concen: 279.04 ng
RT: 9.98 min Scan# 708
Delta R.T. 0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 778015
Ion Ratio Lower Upper
139 100
109 9.9 52.2 92.2#
65 15.7 85.8 125.8#

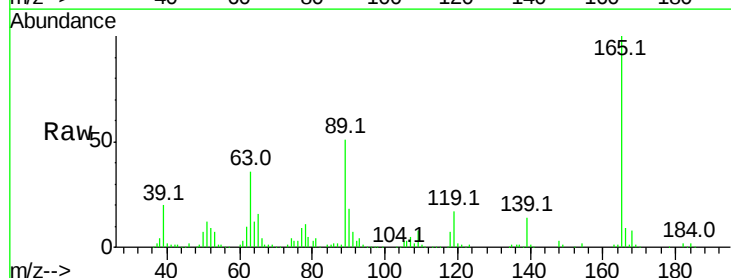


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

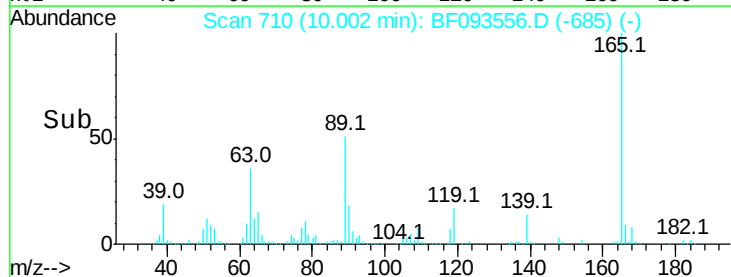
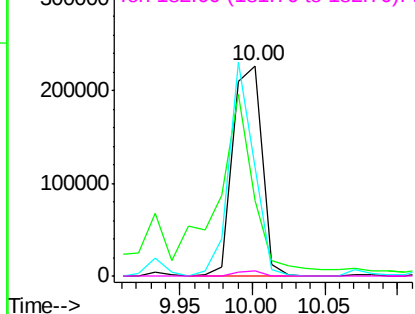


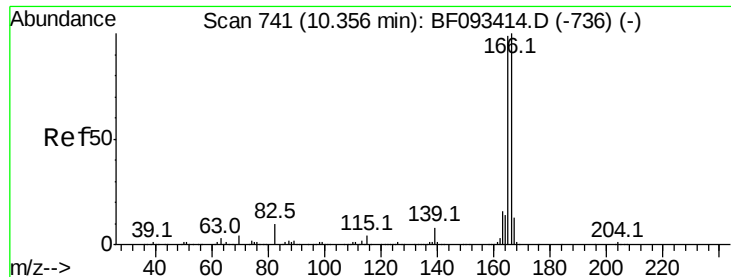
#56
2,4-Dinitrotoluene
Concen: 53.86 ng
RT: 10.00 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion:165 Resp: 316174
Ion Ratio Lower Upper
165 100
63 35.9 40.2 60.4#
89 51.5 62.5 93.7#
182 2.4 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

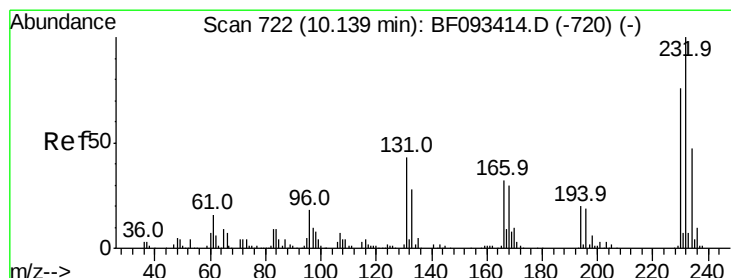
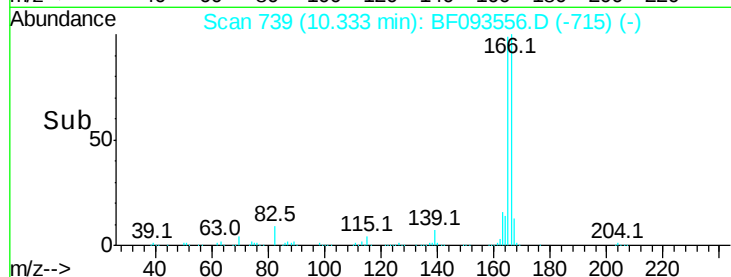
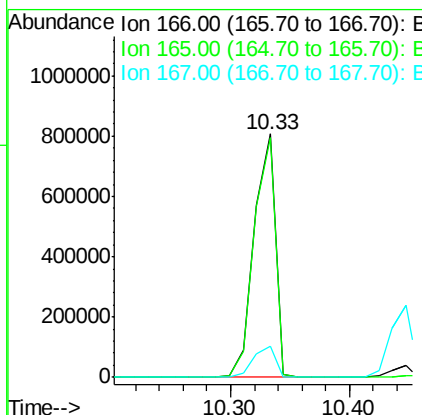
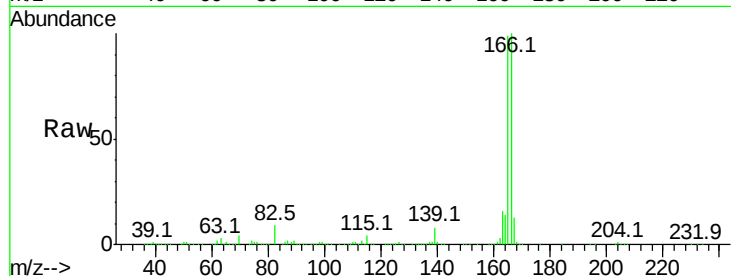




#57
 Fluorene
 Concen: 53.81 ng
 RT: 10.33 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

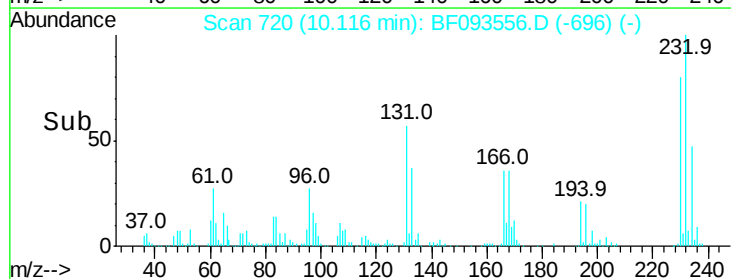
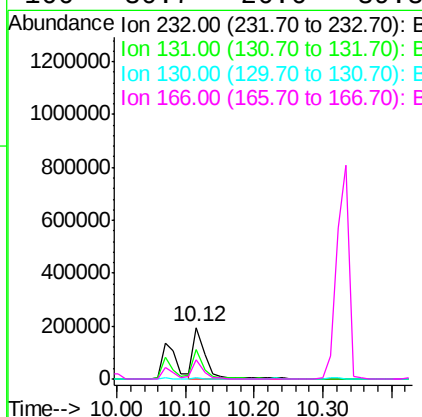
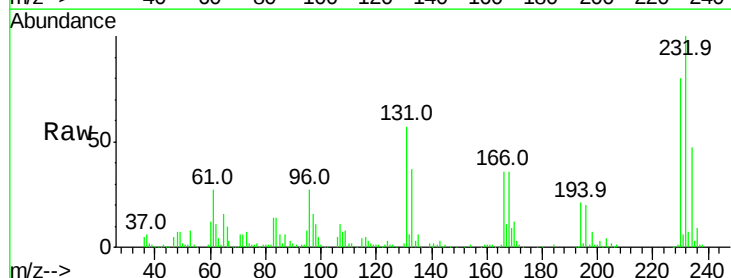
Instrument :
 BNA_F
 ClientSampleId :

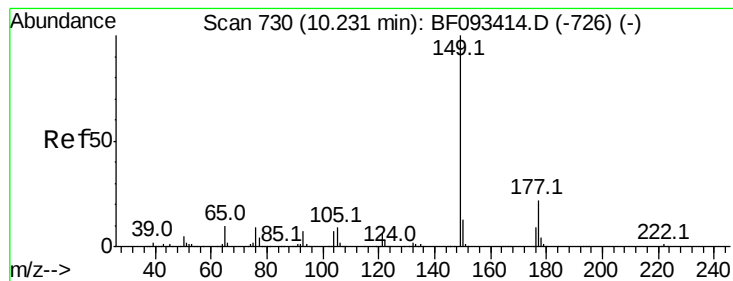
Tot Ion:166 Resp: 1019460
 Ion Ratio Lower Upper
 166 100
 165 98.6 77.8 116.8
 167 12.7 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.04 ng
 RT: 10.12 min Scan# 720
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion:232 Resp: 242040
 Ion Ratio Lower Upper
 232 100
 131 47.5 40.1 60.1
 130 2.6 1.8 2.8
 166 30.7 26.6 39.8





#59

Diethylphthalate

Concen: 52.42 ng

RT: 10.21 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampled :

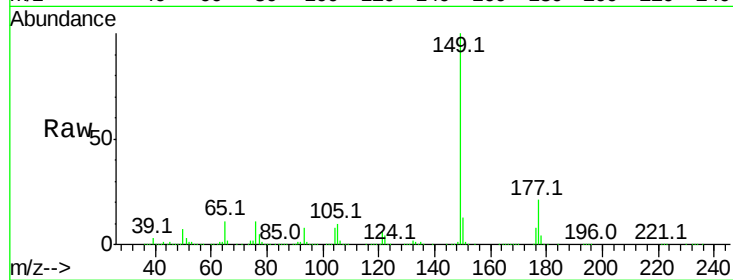
Tot Ion:149 Resp: 1091030

Ion Ratio Lower Upper

149 100

177 20.9 16.6 25.0

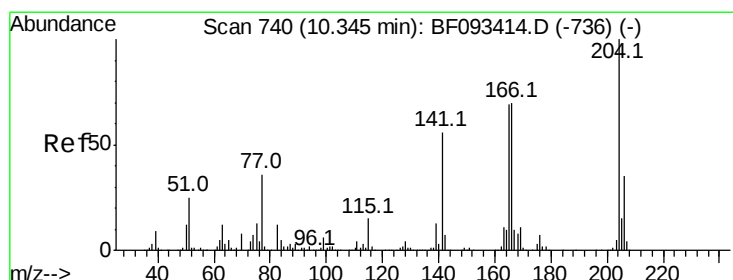
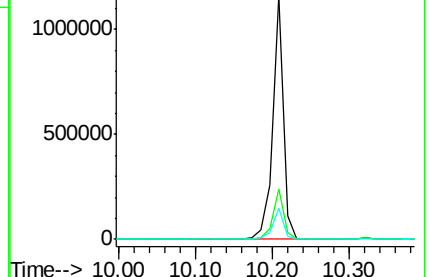
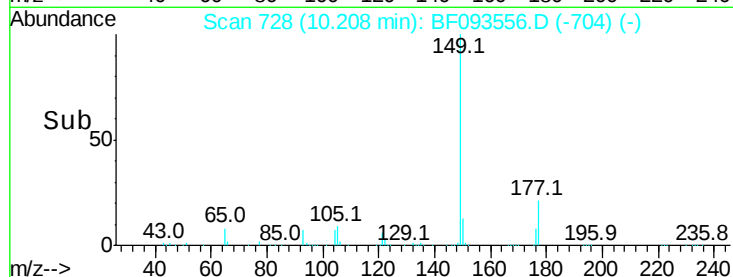
150 12.8 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 55.48 ng

RT: 10.32 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

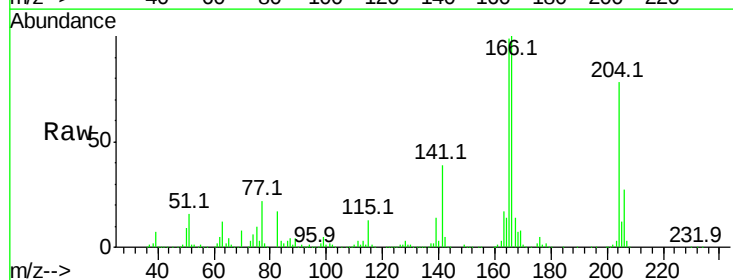
Tgt Ion:204 Resp: 471129

Ion Ratio Lower Upper

204 100

206 34.9 25.8 38.6

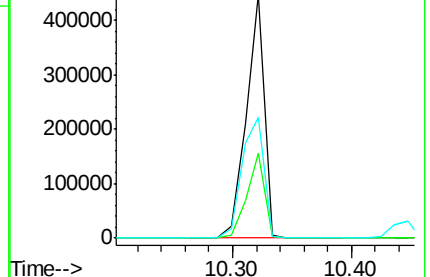
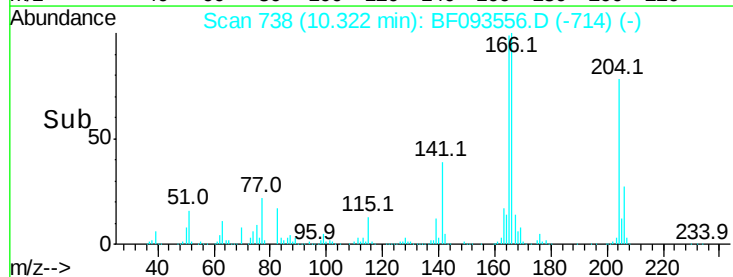
141 49.5 59.4 89.0#

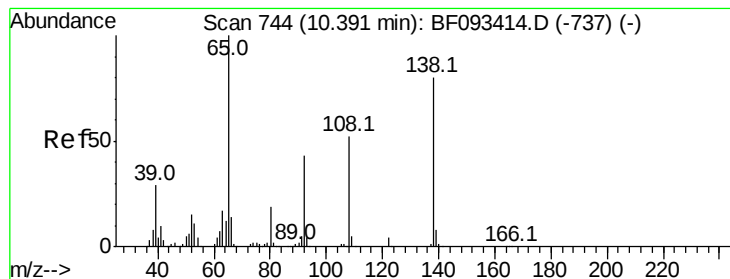


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.41 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

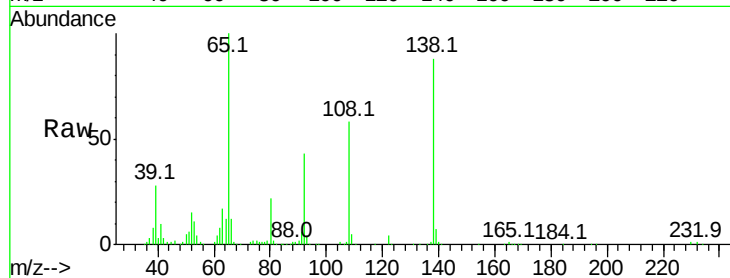
Tot Ion:138 Resp: 207916

Ion Ratio Lower Upper

138 100

92 49.2 31.7 71.7

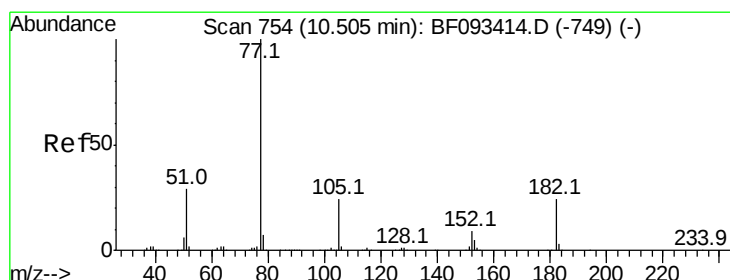
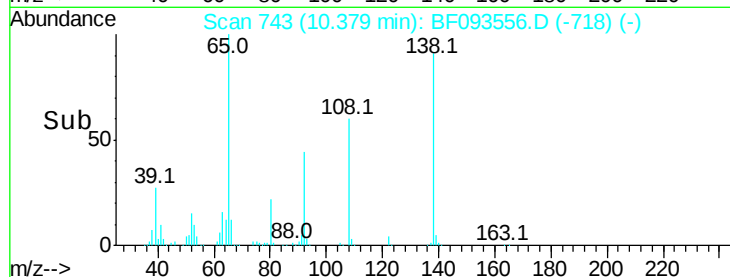
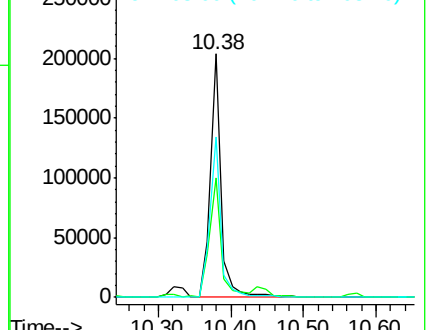
108 65.9 52.6 92.6



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: 61.90 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Tgt Ion: 77 Resp: 1463752

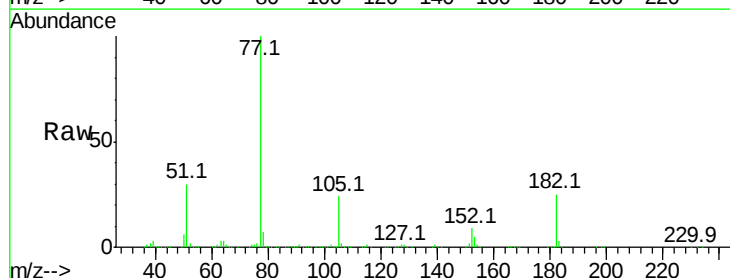
Ion Ratio Lower Upper

77 100

182 24.7 0.0 39.3

105 24.1 2.3 42.3

51 29.9 8.9 48.9

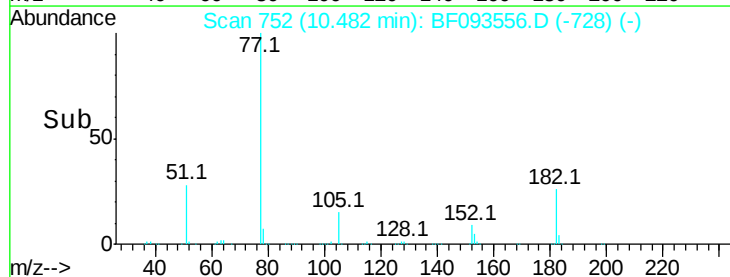
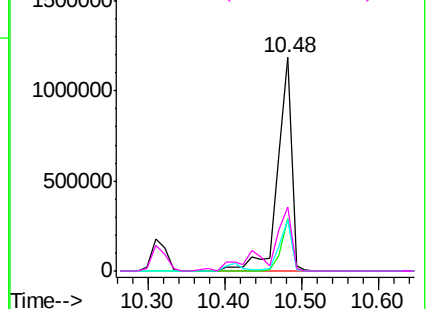


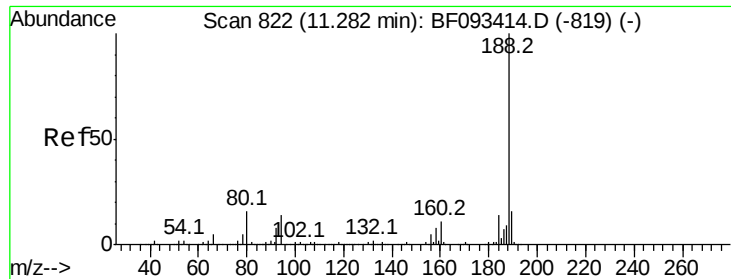
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

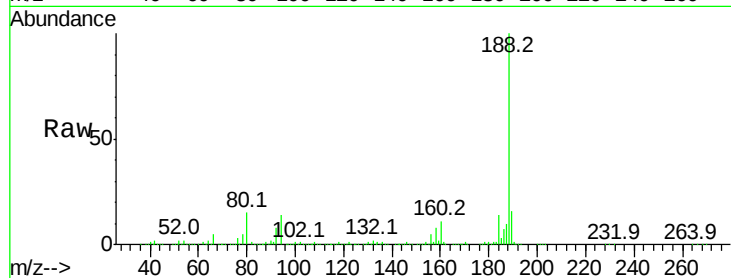




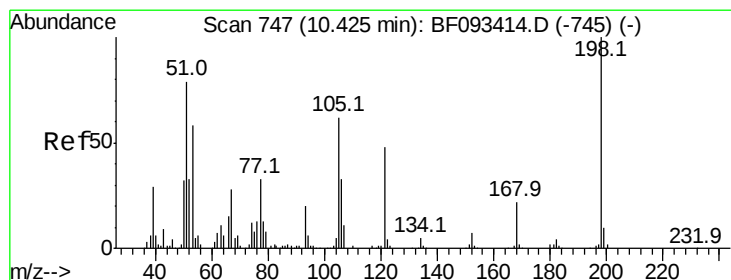
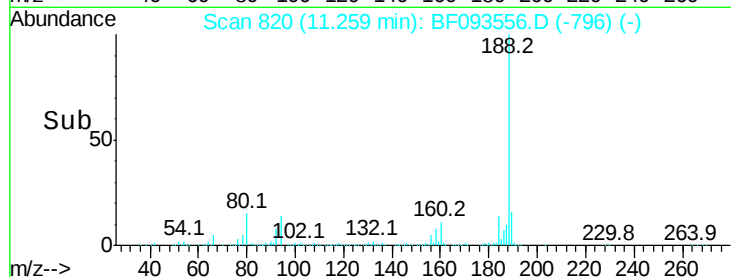
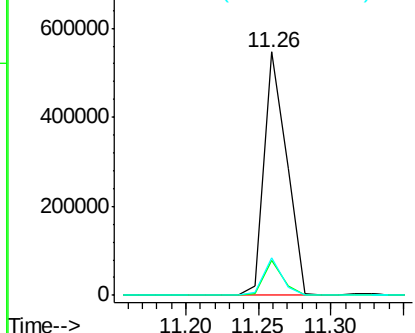
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 591747
 Ion Ratio Lower Upper
 188 100
 94 14.3 10.0 15.0
 80 15.4 11.2 16.8

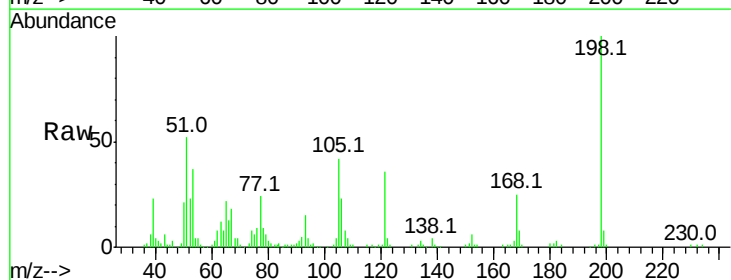


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

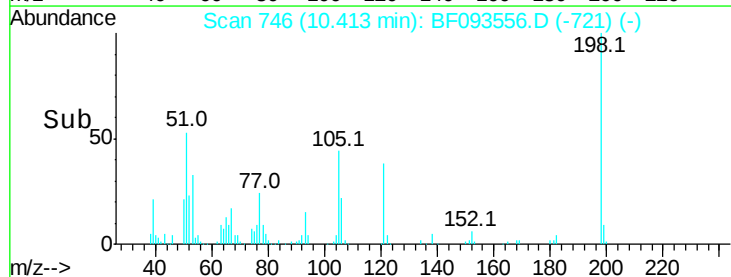
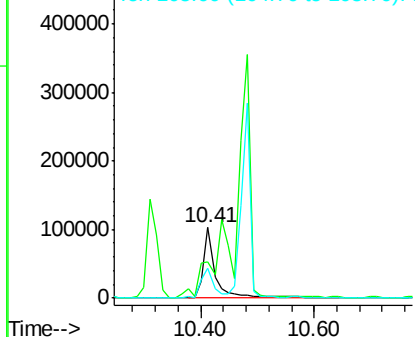


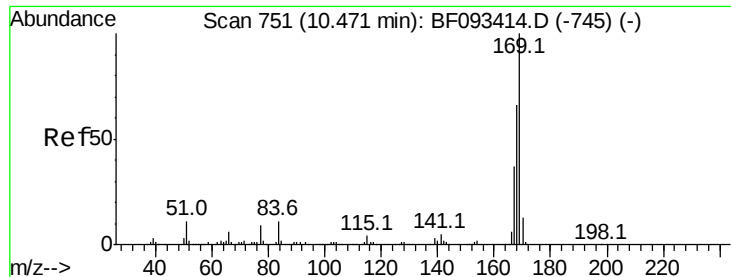
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.08 ng
 RT: 10.41 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion:198 Resp: 149837
 Ion Ratio Lower Upper
 198 100
 51 51.6 6.7 46.7#
 105 42.3 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

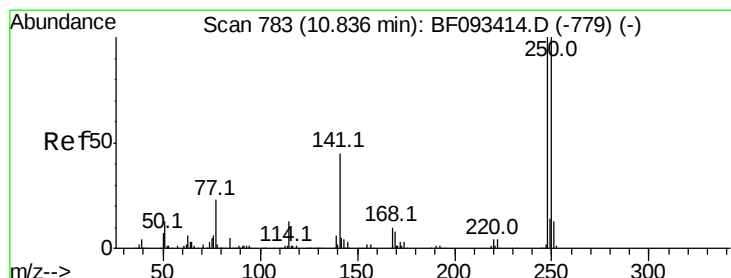
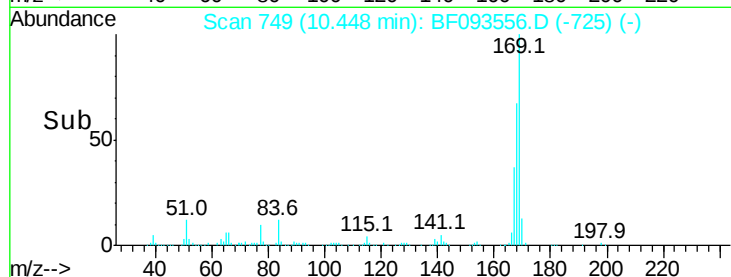
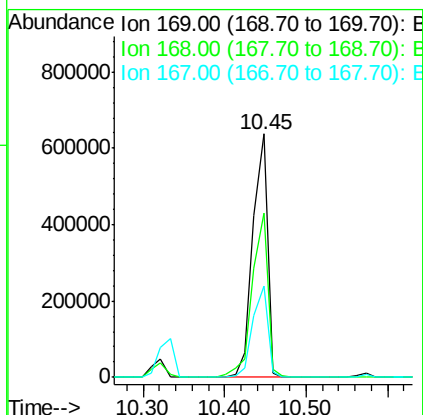
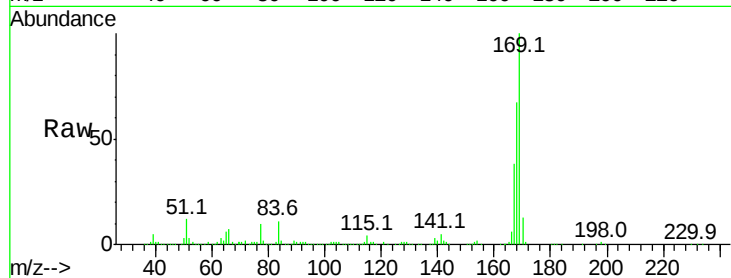




#65
n-Nitrosodiphenylamine
Concen: 40.14 ng
RT: 10.45 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

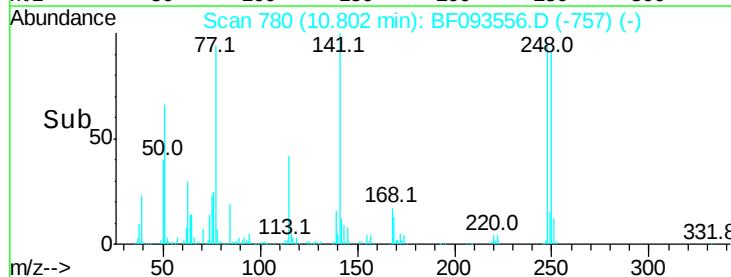
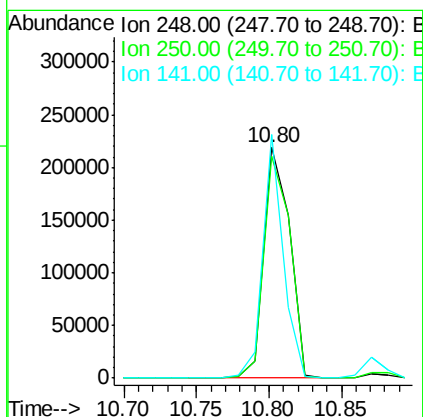
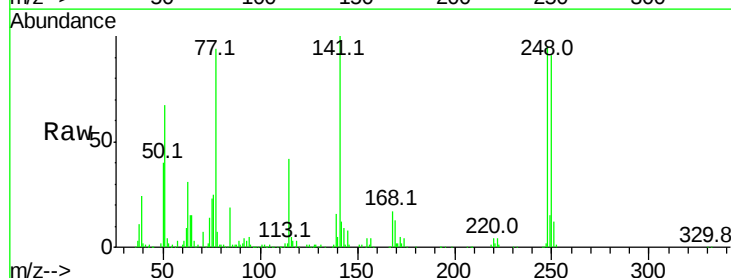
Instrument :
BNA_F
ClientSampleId :

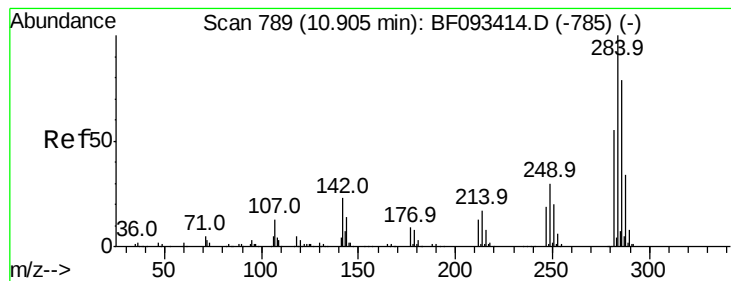
Tot Ion:169 Resp: 793095
Ion Ratio Lower Upper
169 100
168 67.5 54.2 81.2
167 37.5 30.2 45.4



#66
4-Bromophenyl-phenylether
Concen: 43.47 ng
RT: 10.80 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion:248 Resp: 271999
Ion Ratio Lower Upper
248 100
250 96.2 76.9 115.3
141 105.6 68.2 102.4#





#67

Hexachlorobenzene

Concen: 45.87 ng

RT: 10.88 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

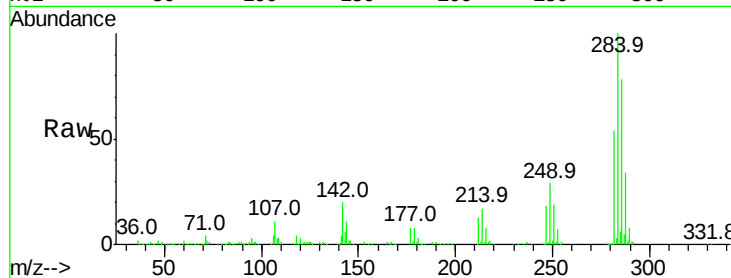
Tot Ion:284 Resp: 274105

Ion Ratio Lower Upper

284 100

142 20.0 22.6 33.8#

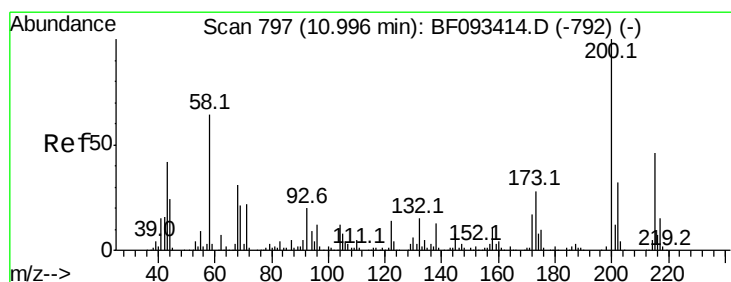
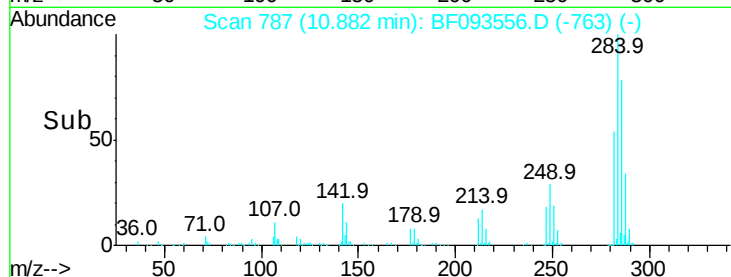
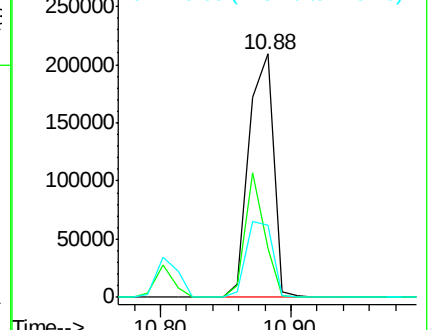
249 29.4 25.4 38.0



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: 32.93 ng

RT: 10.97 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

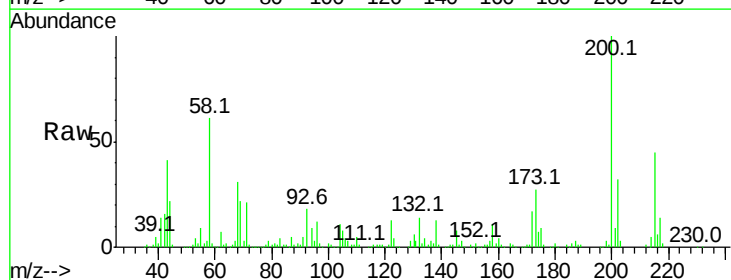
Tgt Ion:200 Resp: 190426

Ion Ratio Lower Upper

200 100

173 27.0 9.6 49.6

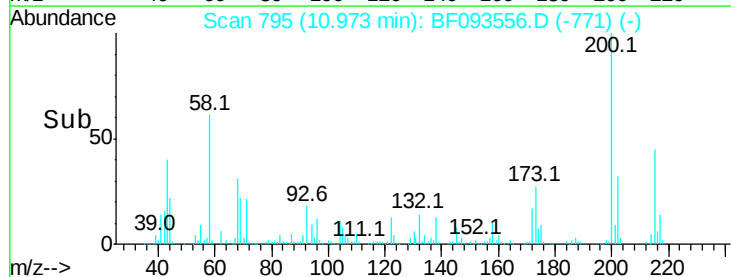
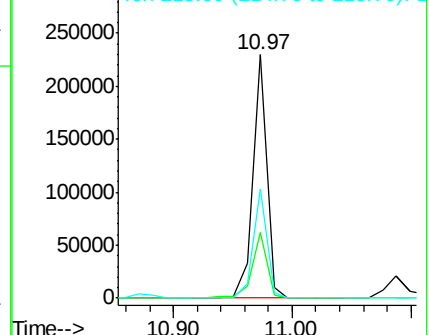
215 45.0 25.7 65.7

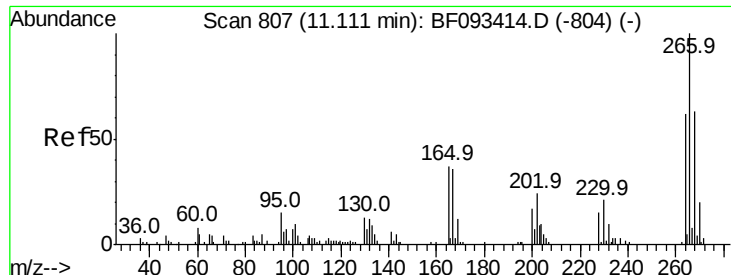


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

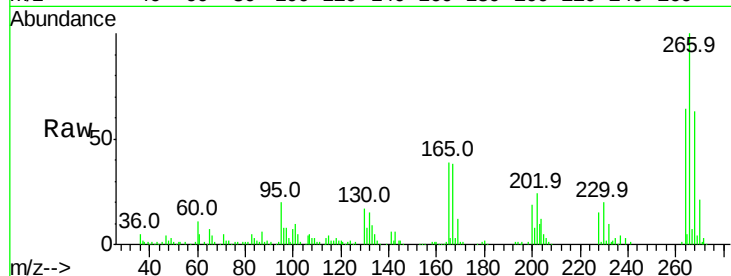




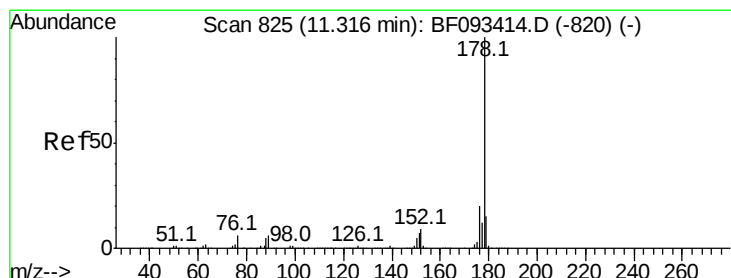
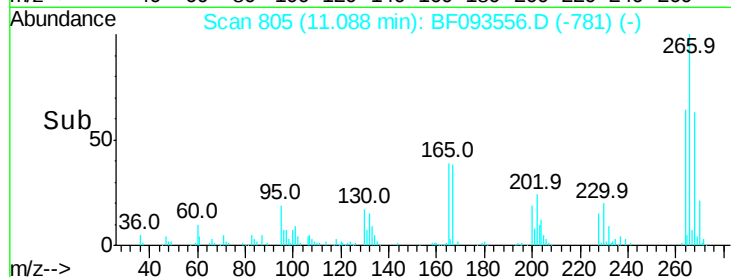
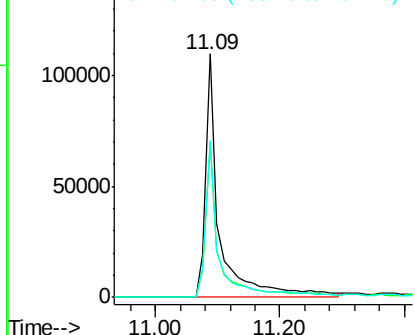
#69
 Pentachlorophenol
 Concen: 83.29 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 171818
 Ion Ratio Lower Upper
 266 100
 268 63.1 53.3 79.9
 264 64.3 50.3 75.5

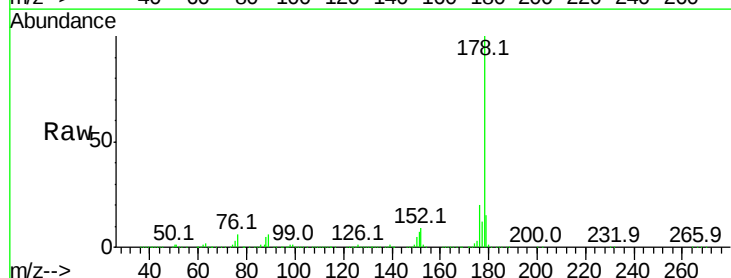


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

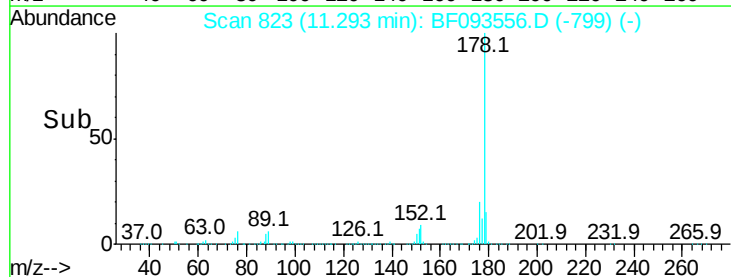
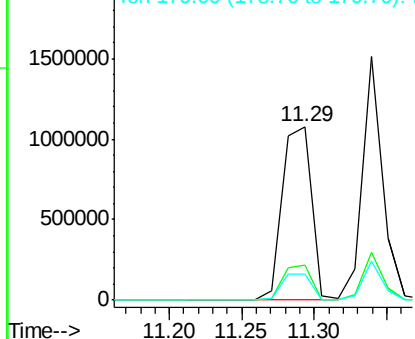


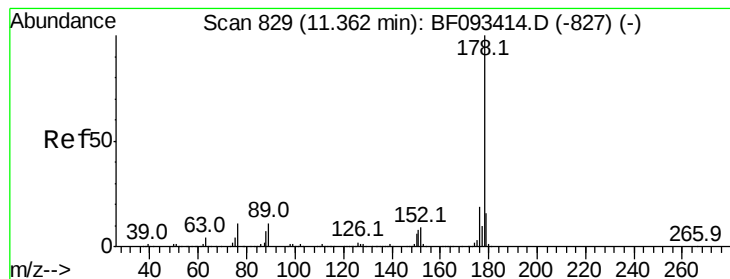
#70
 Phenanthrene
 Concen: 44.61 ng
 RT: 11.29 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion:178 Resp: 1506649
 Ion Ratio Lower Upper
 178 100
 176 20.1 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: 42.95 ng

RT: 11.34 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

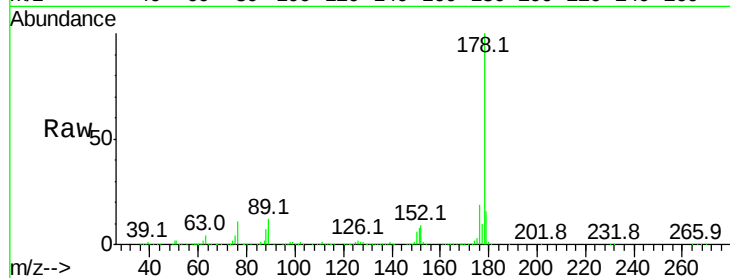
Tot Ion:178 Resp: 1467520

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

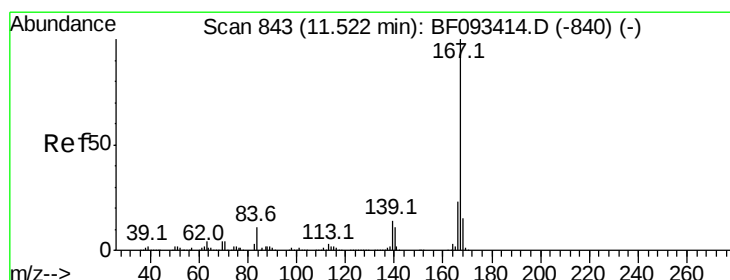
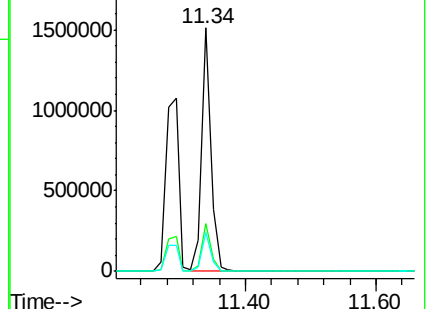
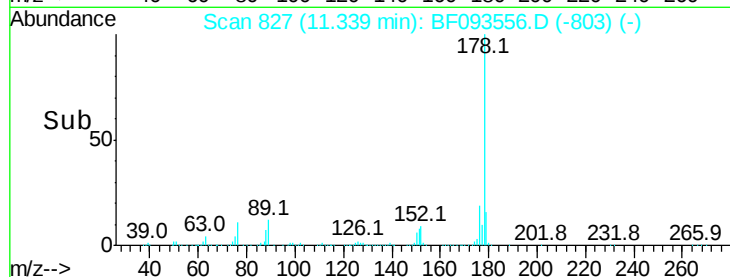
179 15.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.22 ng

RT: 11.50 min Scan# 841

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

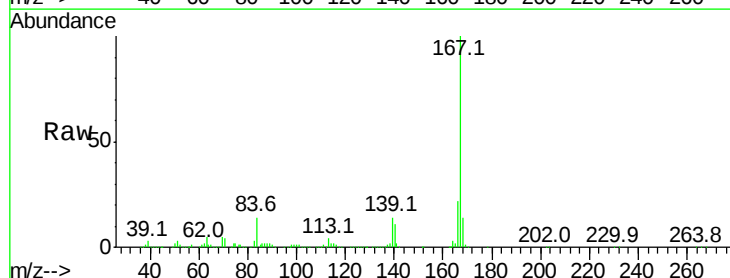
Tgt Ion:167 Resp: 1162533

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

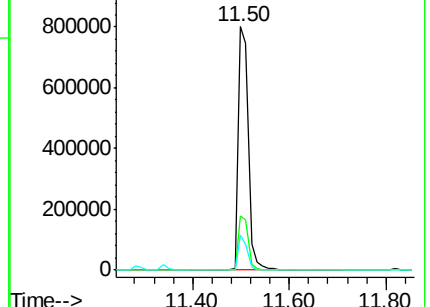
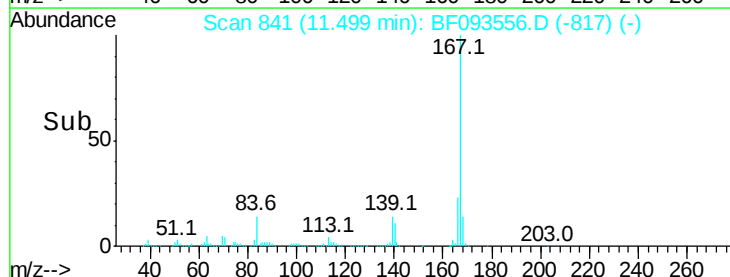
139 14.3 11.4 17.2

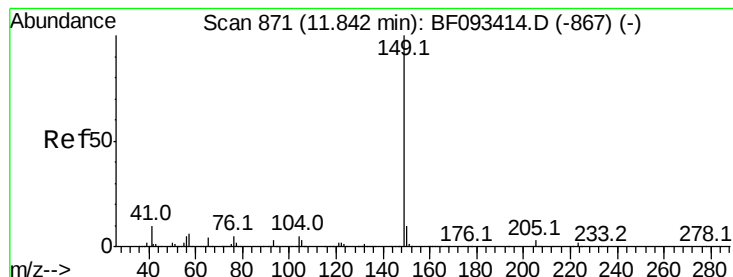


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.67 ng

RT: 11.82 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

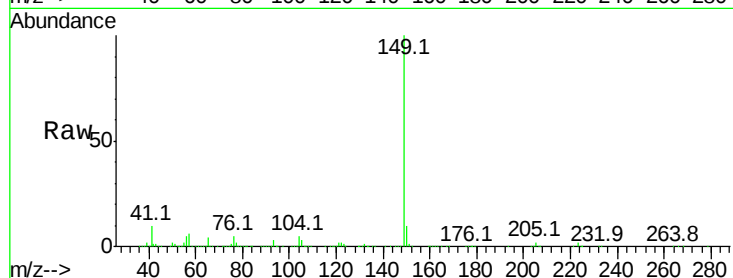
Tot Ion:149 Resp: 1695839

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

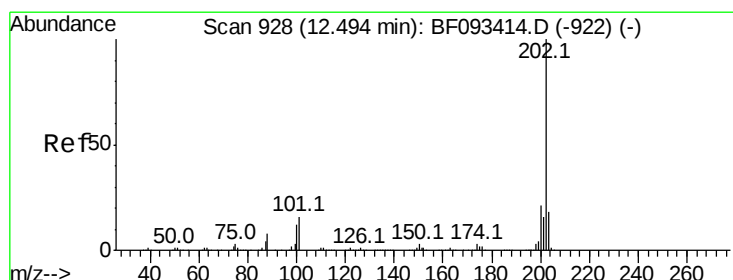
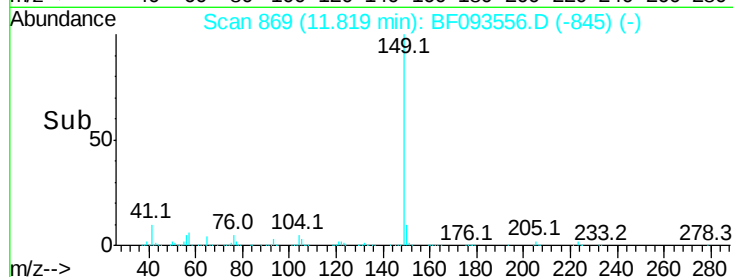
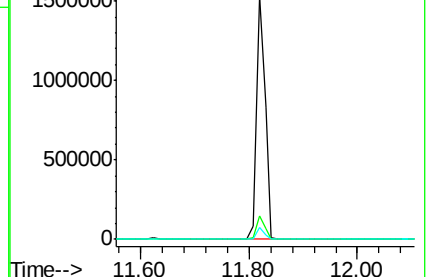
104 5.0 4.6 7.0



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: 45.69 ng

RT: 12.47 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

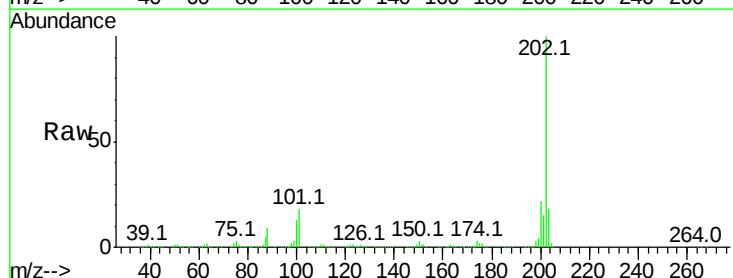
Tgt Ion:202 Resp: 1490773

Ion Ratio Lower Upper

202 100

101 17.5 0.0 34.6

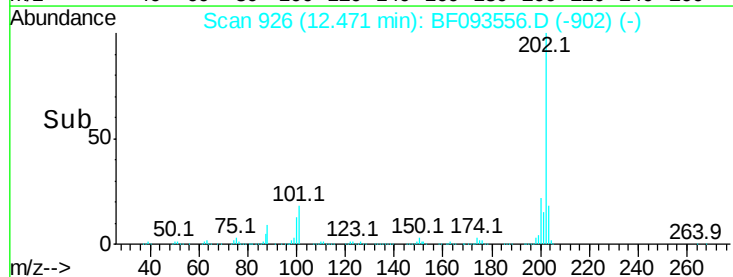
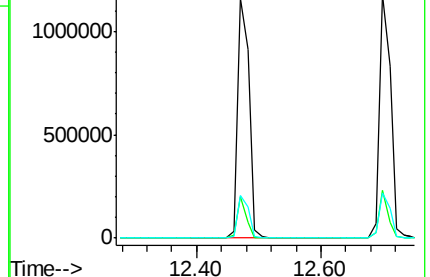
203 17.9 0.0 38.7

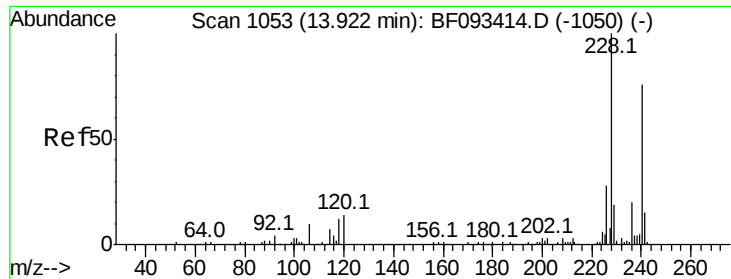


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

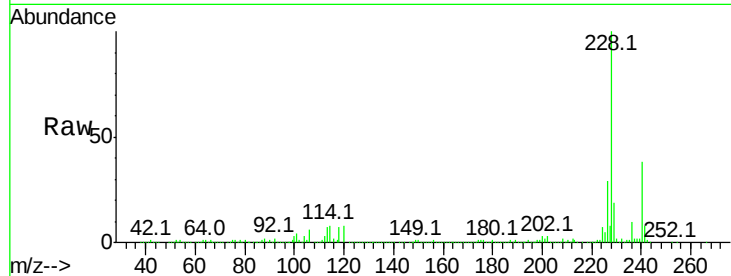
Tot Ion:240 Resp: 453191

Ion Ratio Lower Upper

240 100

120 22.1 12.9 19.3#

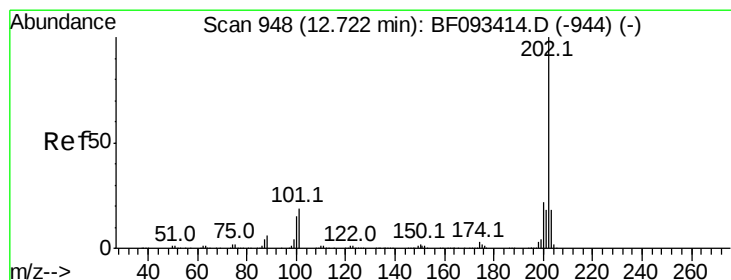
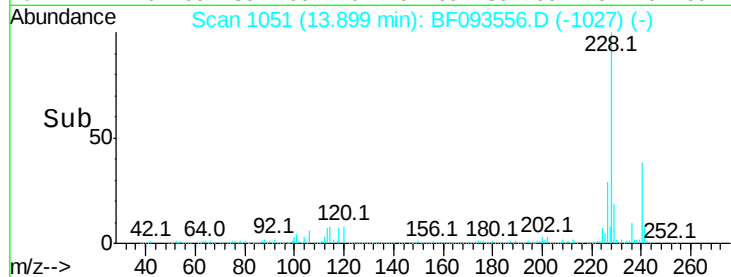
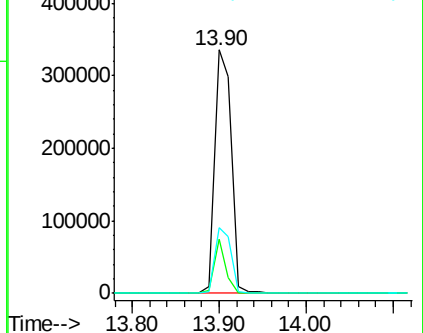
236 27.1 20.9 31.3



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: 44.45 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

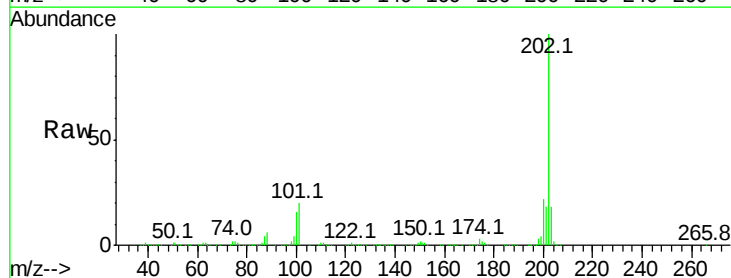
Tgt Ion:202 Resp: 1465058

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

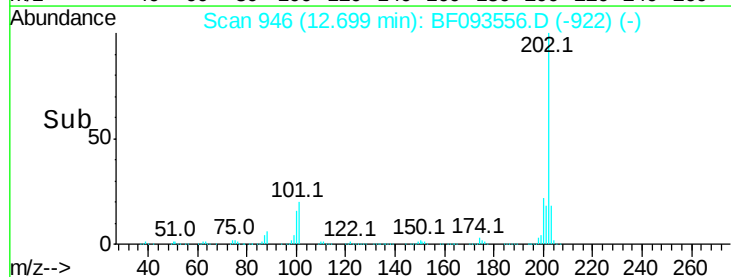
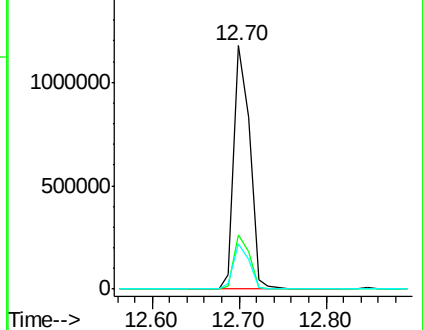
203 18.4 14.7 22.1

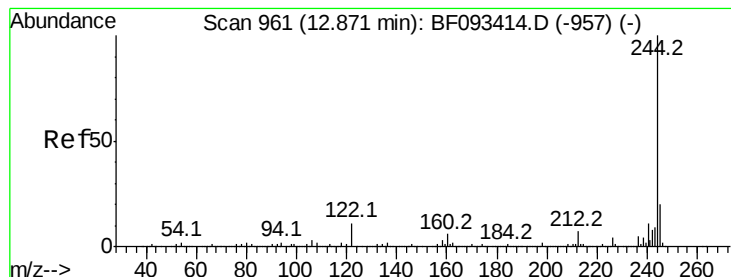


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 96.98 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

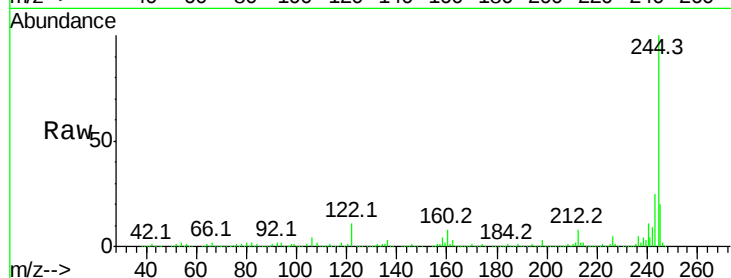
Tot Ion:244 Resp: 1690533

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

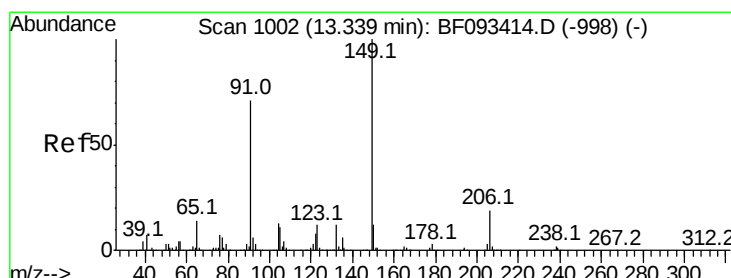
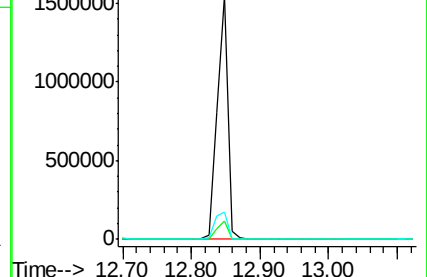
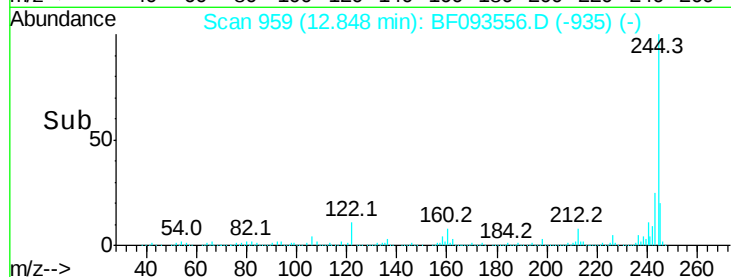
122 11.3 11.4 17.2#



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: 53.35 ng

RT: 13.32 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

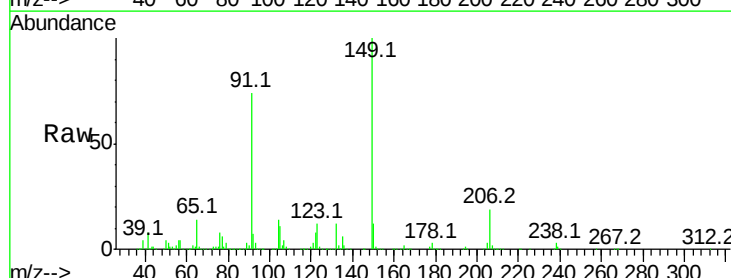
Tgt Ion:149 Resp: 740246

Ion Ratio Lower Upper

149 100

91 74.2 63.9 95.9

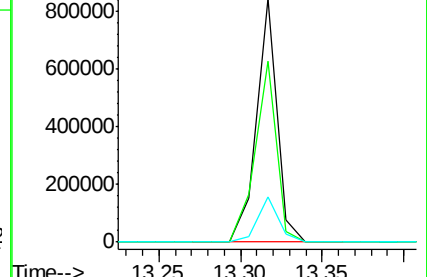
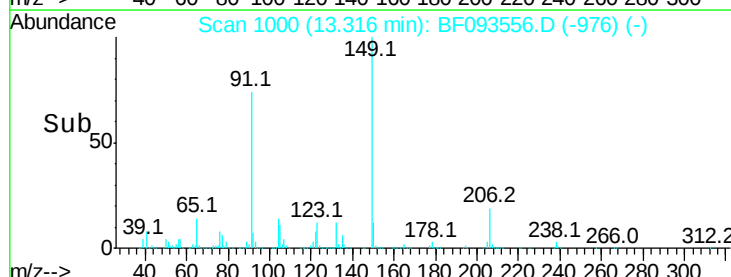
206 18.7 14.6 21.8

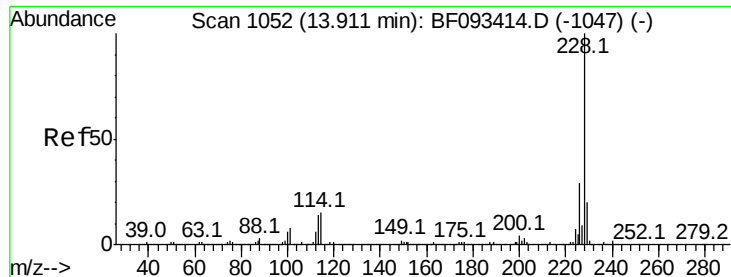


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

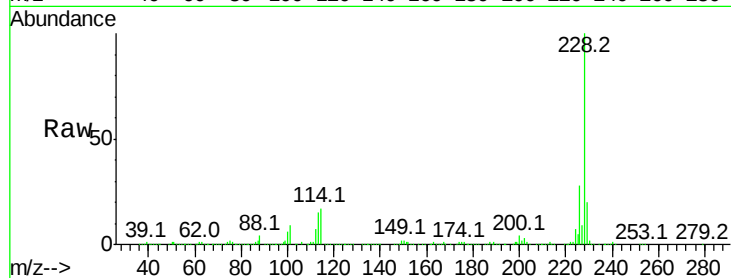




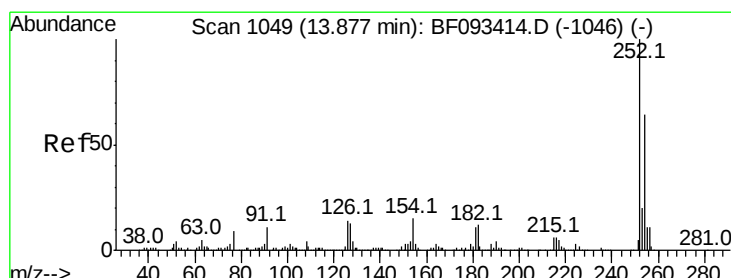
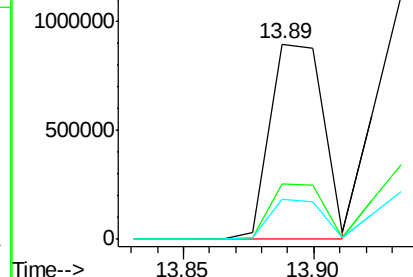
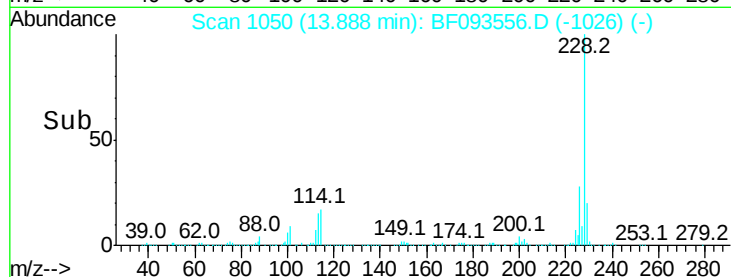
#80
Benzo(a)anthracene
Concen: 47.07 ng
RT: 13.89 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 1259809
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 20.2 16.2 24.4

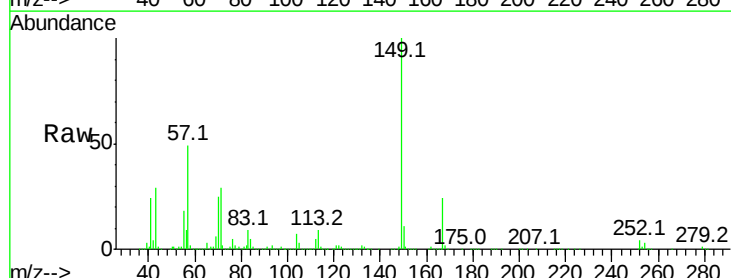


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

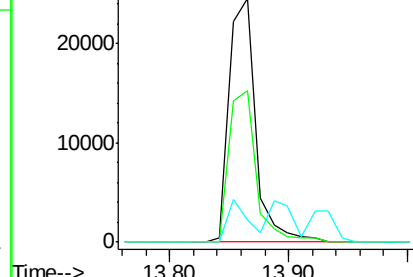
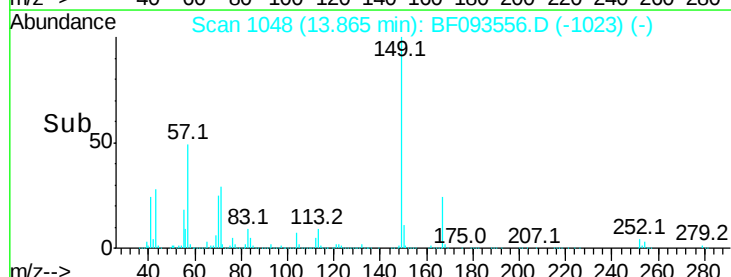


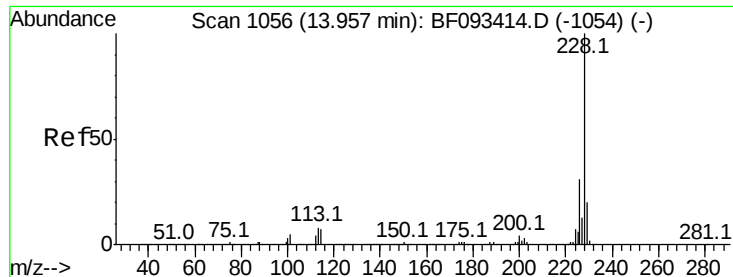
#81
3,3'-Dichlorobenzidine
Concen: 4.06 ng
RT: 13.87 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion:252 Resp: 38025
Ion Ratio Lower Upper
252 100
254 62.2 52.3 78.5
126 9.1 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

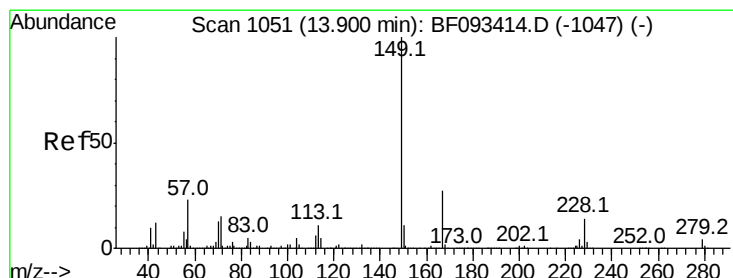
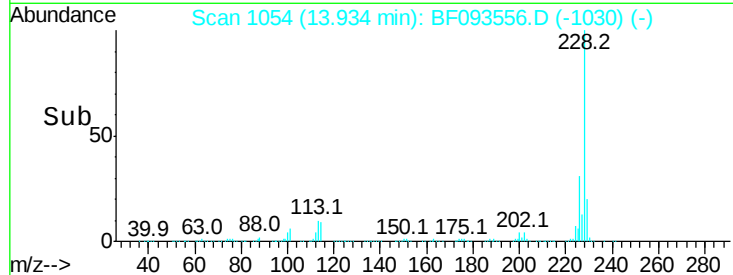
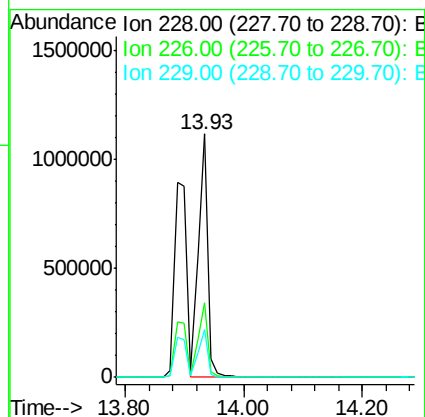
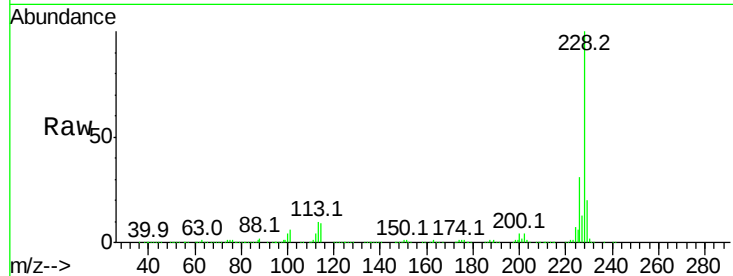




#82
Chrysene
Concen: 50.28 ng
RT: 13.93 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

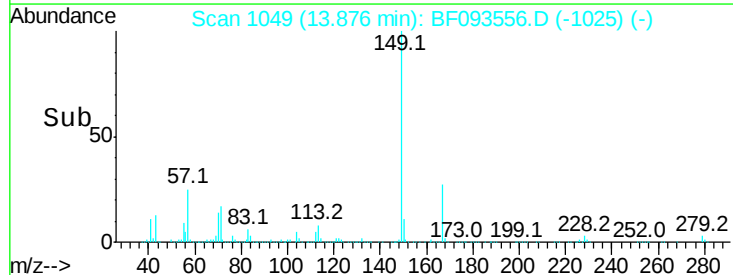
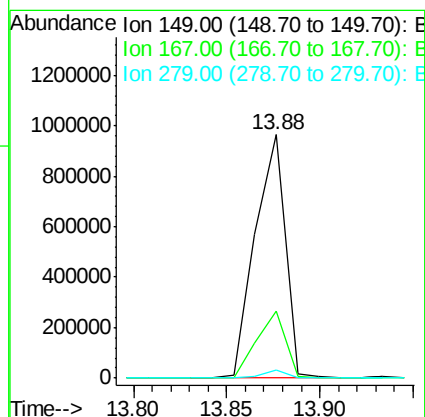
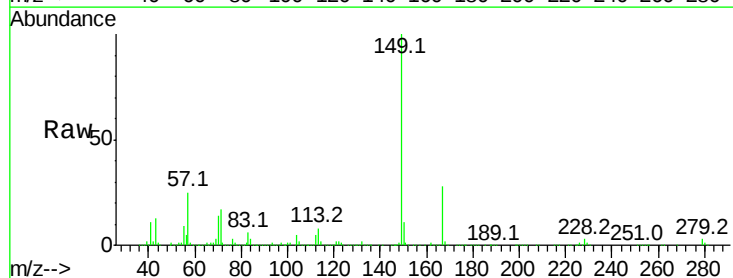
Instrument :
BNA_F
ClientSampleId :

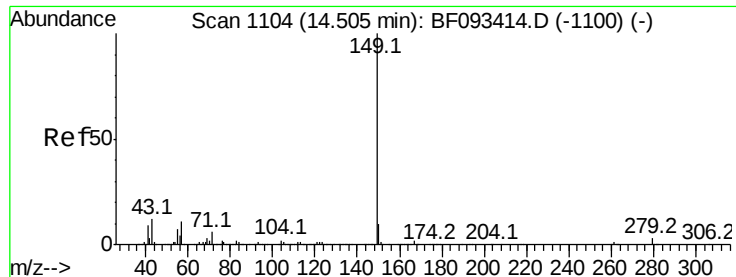
Tot Ion:228 Resp: 1244920
Ion Ratio Lower Upper
228 100
226 30.7 25.4 38.0
229 19.7 16.2 24.2



#83
Bis(2-ethylhexyl)phthalate
Concen: 55.67 ng
RT: 13.88 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion:149 Resp: 1076693
Ion Ratio Lower Upper
149 100
167 27.5 20.2 30.4
279 3.4 1.8 2.8#





#84

Di-n-octyl phthalate

Concen: 50.85 ng

RT: 14.48 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

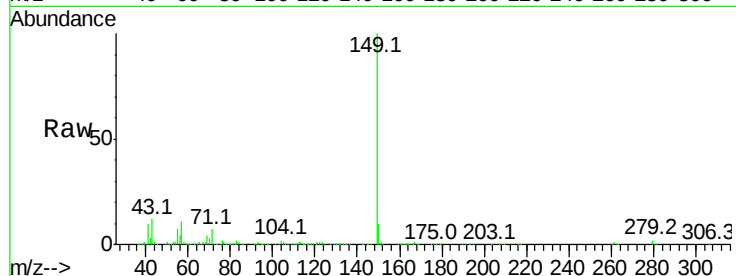
Tot Ion:149 Resp: 1639014

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

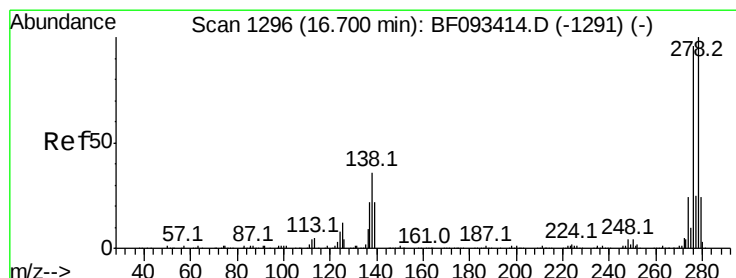
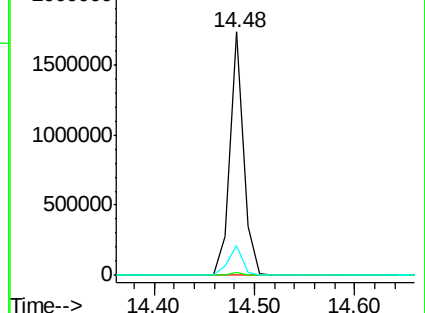
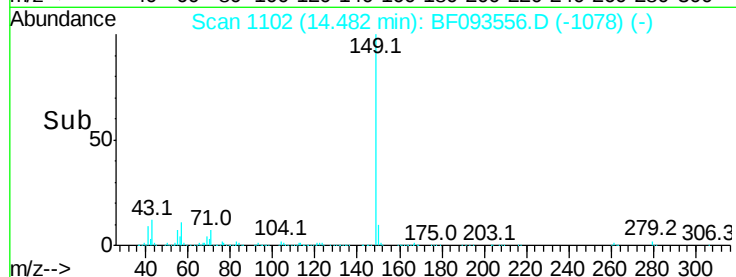
43 12.5 8.9 13.3



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: 44.87 ng

RT: 16.67 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

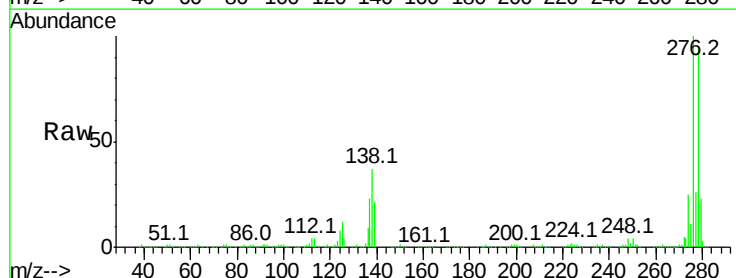
Tgt Ion:276 Resp: 930112

Ion Ratio Lower Upper

276 100

138 33.9 21.8 32.6#

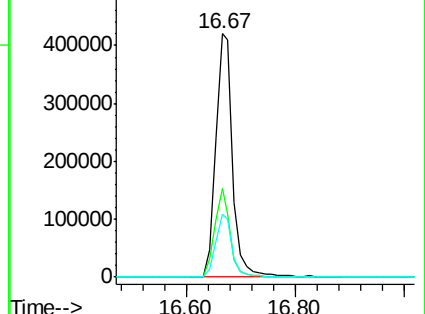
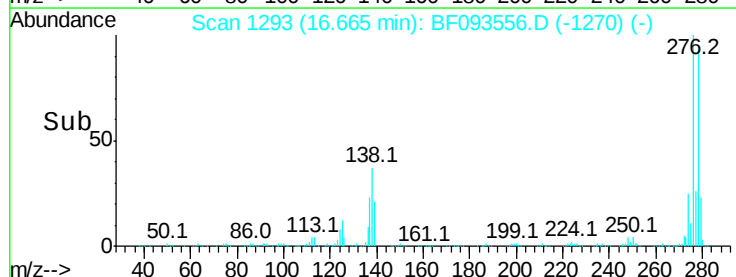
277 25.4 20.2 30.4

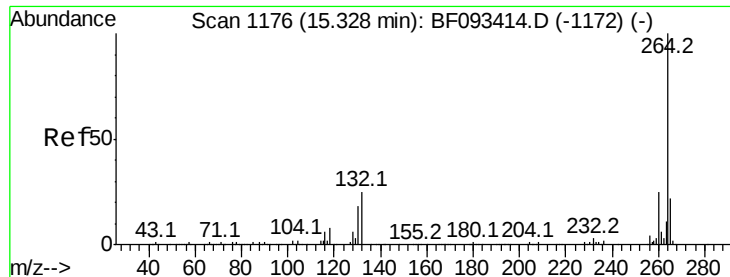


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

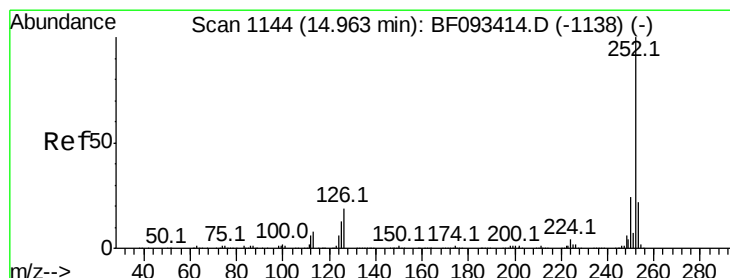
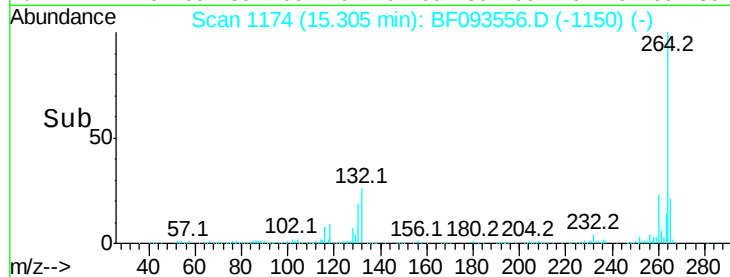
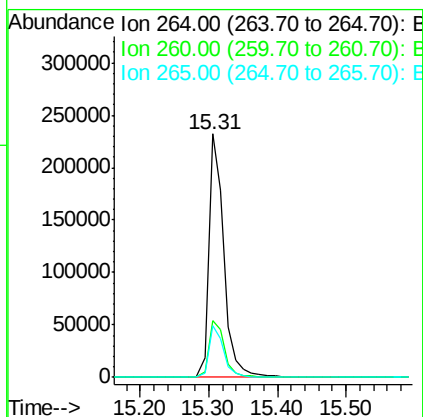
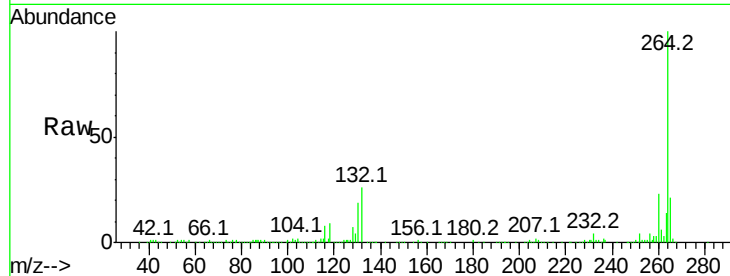




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

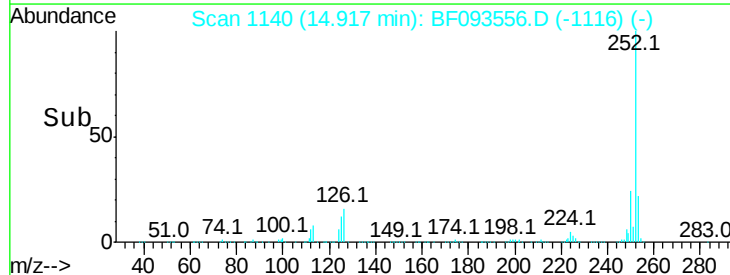
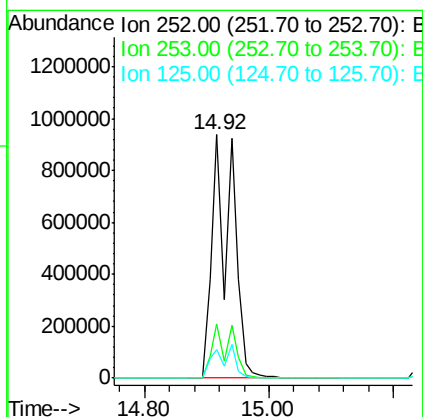
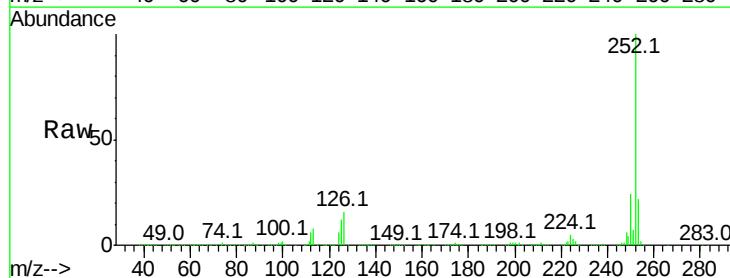
Instrument :
BNA_F
ClientSampleId :

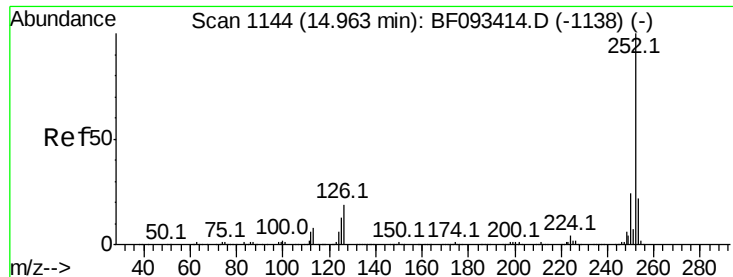
Tot Ion:264 Resp: 352513
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.4 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 97.18 ng
RT: 14.92 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion:252 Resp: 2086458
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 11.6 9.8 14.6

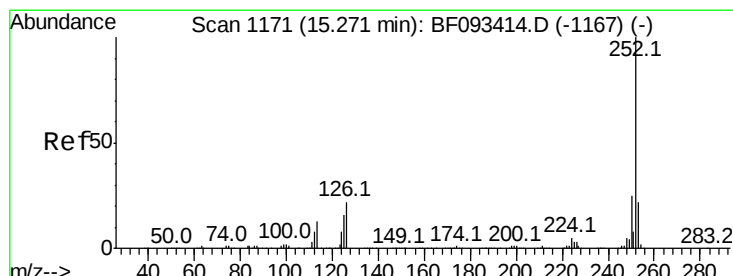
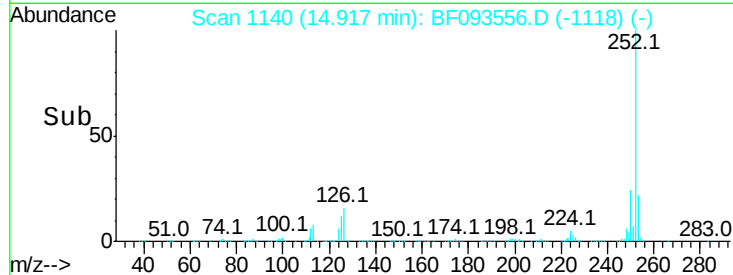
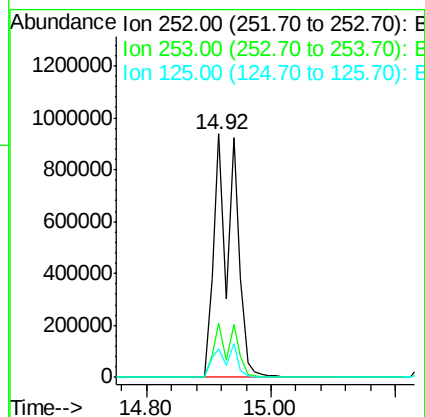
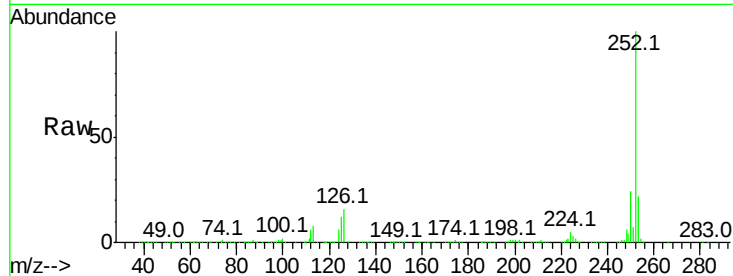




#88
Benzo(k)fluoranthene
Concen: 100.77 ng
RT: 14.92 min Scan# 1140
Delta R.T. -0.05 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

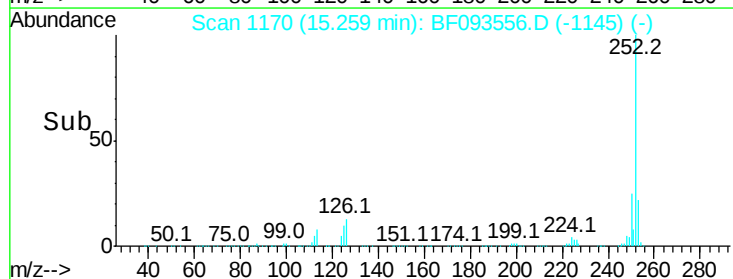
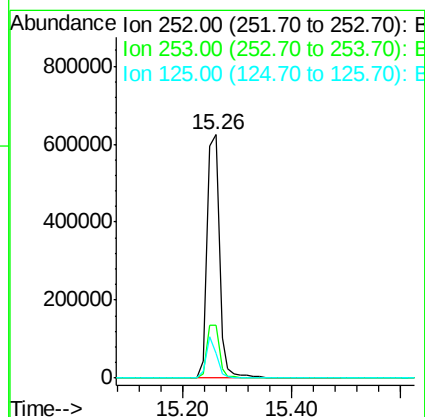
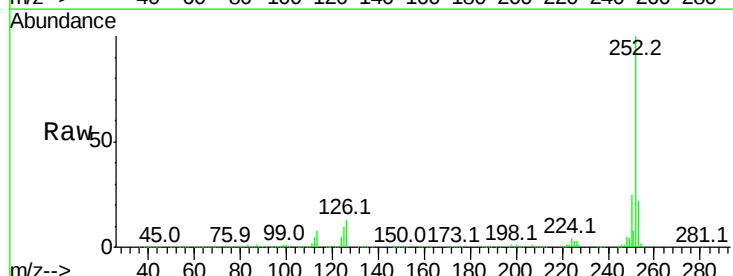
Instrument :
BNA_F
ClientSampleId :

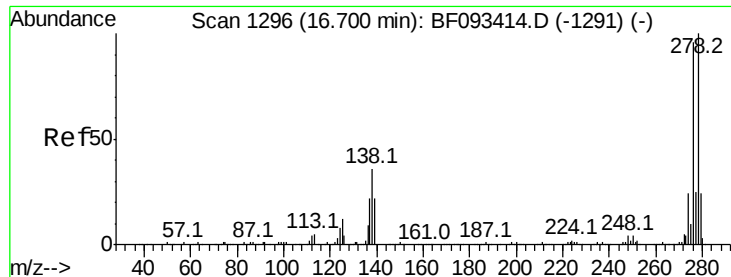
Tot Ion:252 Resp: 2086458
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 11.6 8.9 13.3



#89
Benzo(a)pyrene
Concen: 50.00 ng
RT: 15.26 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion:252 Resp: 981110
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 10.4 10.0 15.0





#90

Dibenzo(a,h)anthracene

Concen: 48.81 ng

RT: 16.67 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

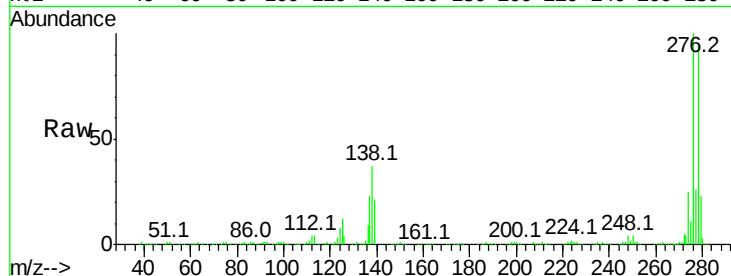
Tot Ion:278 Resp: 792257

Ion Ratio Lower Upper

278 100

139 22.3 14.8 22.2#

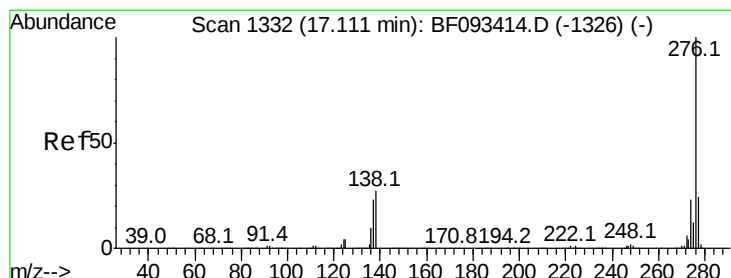
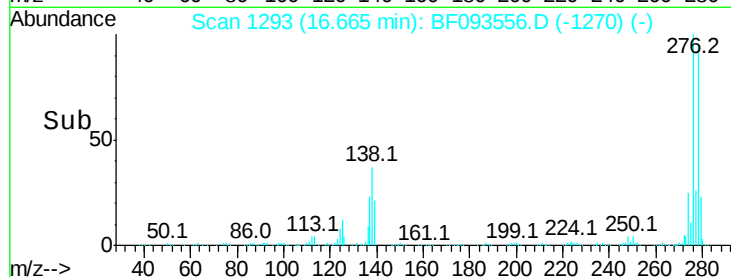
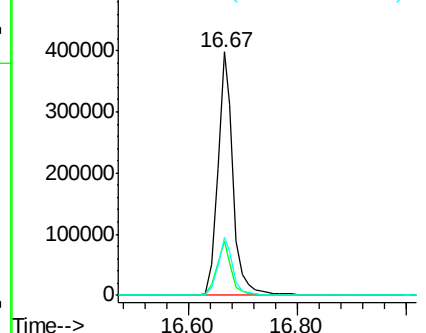
279 24.0 19.8 29.6



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: 47.82 ng

RT: 17.08 min Scan# 1329

Delta R.T. -0.03 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

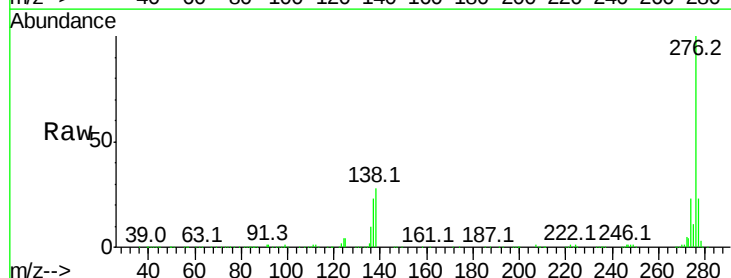
Tgt Ion:276 Resp: 796678

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 27.8 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

