

Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
 Data File : BF093569.D
 Acq On : 11 Mar 2017 16:09
 Operator : SJ/MA
 Sample : PB97524BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 15:38:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	171846	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	711586	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	342982	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	609821	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	453024	20.00	ng	-0.01
86) Perylene-d12	15.27	264	340583	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1459083	141.31	ng	0.01
7) Phenol-d6	6.39	99	1803552	138.52	ng	0.01
23) Nitrobenzene-d5	7.29	82	1167421	91.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	289534	129.57	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1828720	99.17	ng	0.00
78) Terphenyl-d14	12.83	244	1528602	87.73	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.29	88	218251	38.38	ng	# 81
3) Pyridine	2.95	79	596420	41.13	ng	# 85
4) n-Nitrosodimethylamine	2.93	42	309831	44.74	ng	# 81
6) Aniline	6.39	93	400688	22.42	ng	# 83
8) 2-Chlorophenol	6.52	128	536577	46.38	ng	# 95
9) Benzaldehyde	6.29	77	75452	6.77	ng	# 92
10) Phenol	6.40	94	762461	47.79	ng	# 76
11) bis(2-Chloroethyl)ether	6.46	93	560759	43.49	ng	# 88
12) 1,3-Dichlorobenzene	6.89	146	501795	37.90	ng	# 95
13) 1,4-Dichlorobenzene	6.73	146	601553	44.37	ng	# 98
14) 1,2-Dichlorobenzene	6.89	146	515087	42.90	ng	# 95
15) Benzyl Alcohol	6.88	79	454091	48.92	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	909836	42.47	ng	# 41
17) 2-Methylphenol	7.01	107	442974	45.27	ng	# 91
18) Hexachloroethane	7.22	117	211265	46.21	ng	# 99
19) n-Nitroso-di-n-propylamine	7.14	70	398204	44.48	ng	# 92
20) 3+4-Methylphenols	7.17	107	631356	49.75	ng	# 75
22) Acetophenone	7.14	105	768711	44.89	ng	# 96
24) Nitrobenzene	7.32	77	659445	45.75	ng	# 99
25) Isophorone	7.56	82	1194174	46.17	ng	# 96
26) 2-Nitrophenol	7.64	139	297134	45.18	ng	# 94
27) 2,4-Dimethylphenol	7.68	122	481370	45.00	ng	# 99
28) bis(2-Chloroethoxy)methane	7.76	93	698595	42.79	ng	# 97
29) 2,4-Dichlorophenol	7.89	162	457135	45.42	ng	# 93
30) 1,2,4-Trichlorobenzene	7.96	180	463001	43.26	ng	# 98
31) Naphthalene	8.02	128	1469348	41.20	ng	# 99
32) Benzoic acid	7.85	122	311920	56.11	ng	# 94
33) 4-Chloroaniline	8.09	127	270937	18.72	ng	# 91
34) Hexachlorobutadiene	8.14	225	238467	43.25	ng	# 100
35) Caprolactam	8.47	113	101815	29.62	ng	# 14
36) 4-Chloro-3-methylphenol	8.60	107	488873	45.51	ng	# 95
37) 2-Methylnaphthalene	8.72	142	1029605	45.38	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	418877	44.73	ng	# 98
40) Hexachlorocyclopentadiene	8.87	237	261766	106.12	ng	# 99

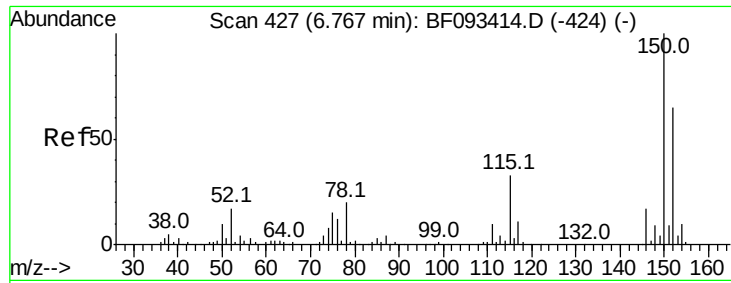
Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	303518	51.87	nq	92
43) 2,4,5-Trichlorophenol	9.06	196	299340	47.68	nq #	89
45) 1,1'-Biphenyl	9.18	154	1139662	45.61	nq	96
46) 2-Chloronaphthalene	9.20	162	922025	48.21	nq	93
47) 2-Nitroaniline	9.32	65	357847	52.93	nq #	84
48) Acenaphthylene	9.61	152	1432688	45.42	nq	99
49) Dimethylphthalate	9.49	163	1083526	47.65	nq	99
50) 2,6-Dinitrotoluene	9.57	165	245654	49.24	nq #	86
51) Acenaphthene	9.78	154	831239	44.57	nq	95
52) 3-Nitroaniline	9.74	138	151087	25.21	nq	90
53) 2,4-Dinitrophenol	9.86	184	165094	72.66	nq #	75
54) Dibenzofuran	9.97	168	1303076	55.82	nq	95
55) 4-Nitrophenol	9.97	139	869096	298.51	nq #	13
56) 2,4-Dinitrotoluene	9.98	165	323818	52.83	nq #	76
57) Fluorene	10.31	166	957030	48.38	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	247917	55.95	nq	99
59) Diethylphthalate	10.18	149	997010	45.88	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	463191	52.24	nq #	79
61) 4-Nitroaniline	10.36	138	250655	40.89	nq	98
62) Azobenzene	10.46	77	1447870	58.63	nq	95
64) 4,6-Dinitro-2-methylphenol	10.39	198	157536	39.87	nq #	69
65) n-Nitrosodiphenylamine	10.42	169	913219	44.85	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	261251	40.51	nq #	88
67) Hexachlorobenzene	10.86	284	253086	41.10	nq #	91
68) Atrazine	10.95	200	249668	41.89	nq	98
69) Pentachlorophenol	11.06	266	160981	75.72	nq	97
70) Phenanthrene	11.27	178	1464816	42.08	nq	98
71) Anthracene	11.32	178	1405885	39.93	nq	99
72) Carbazole	11.48	167	1333537	40.31	nq	99
73) Di-n-butylphthalate	11.81	149	1725849	45.10	nq #	96
74) Fluoranthene	12.45	202	1394190	41.47	nq	97
76) Benzidine	12.59	184	386518	25.95	nq	96
77) Pyrene	12.68	202	1358505	41.23	nq	100
79) Butylbenzylphthalate	13.29	149	683477	49.28	nq	100
80) Benzo(a)anthracene	13.87	228	1139962	42.61	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	260933	27.85	nq #	98
82) Chrysene	13.91	228	1131835	45.73	nq	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	962674	49.80	nq #	96
84) Di-n-octyl phthalate	14.46	149	1472361	45.70	nq	97
85) Indeno(1,2,3-cd)pyrene	16.62	276	833662	40.24	nq #	94
87) Benzo(b)fluoranthene	14.88	252	1850437	89.21	nq #	96
88) Benzo(k)fluoranthene	14.88	252	1850437	92.51	nq #	94
89) Benzo(a)pyrene	15.23	252	865451	45.65	nq	97
90) Dibenzo(a,h)anthracene	16.62	278	695889	44.37	nq	97
91) Benzo(g,h,i)perylene	17.02	276	727104	45.17	nq #	93

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

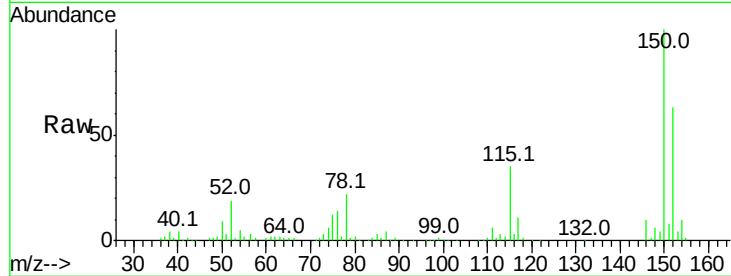


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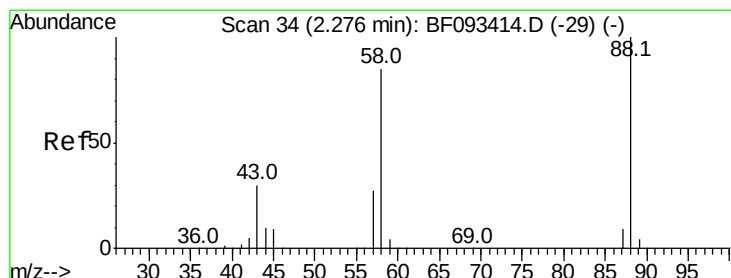
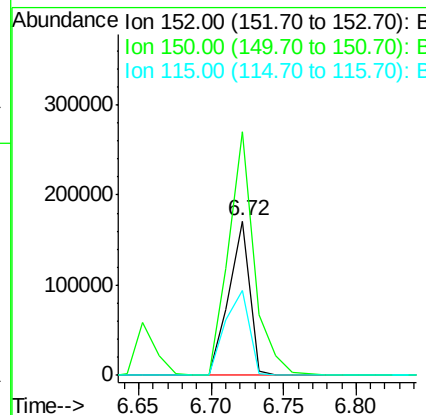
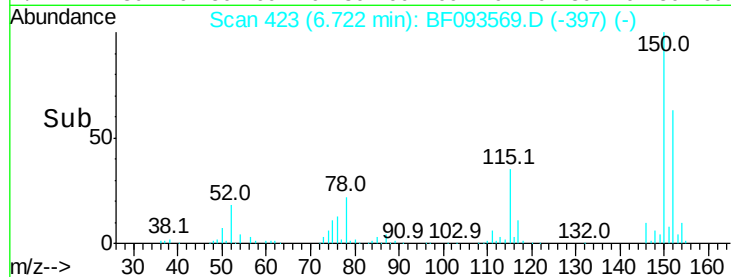
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 171846
Ion Ratio Lower Upper
152 100
150 158.1 124.9 187.3
115 54.9 46.0 69.0



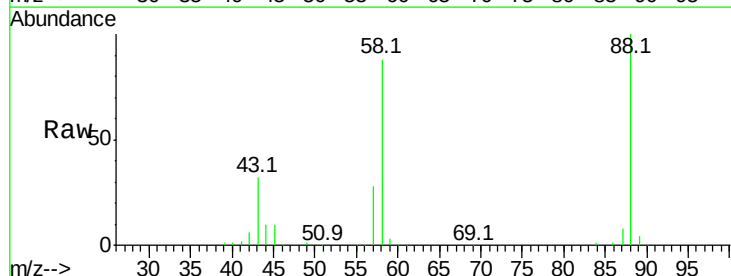
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



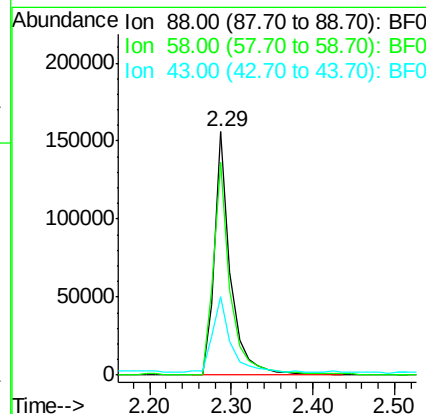
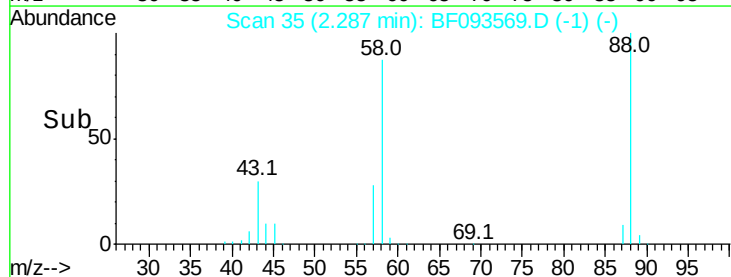
#2

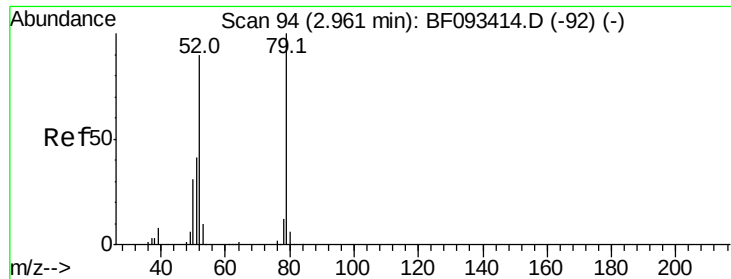
1,4-Dioxane
Concen: 38.38 ng
RT: 2.29 min Scan# 35
Delta R.T. 0.10 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

Tgt Ion: 88 Resp: 218251
Ion Ratio Lower Upper
88 100
58 90.9 57.8 86.8#
43 34.0 22.3 33.5#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.13 ng

RT: 2.95 min Scan# 93

Delta R.T. 0.09 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

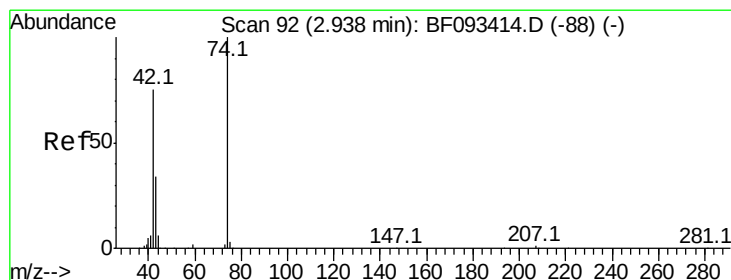
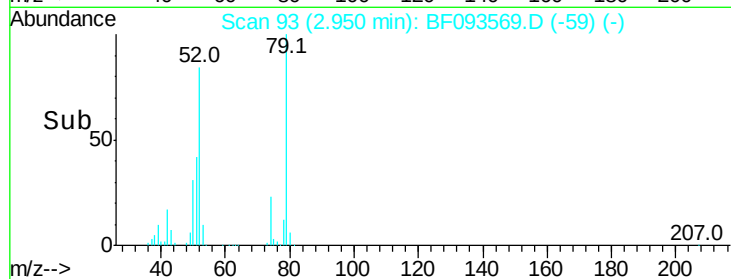
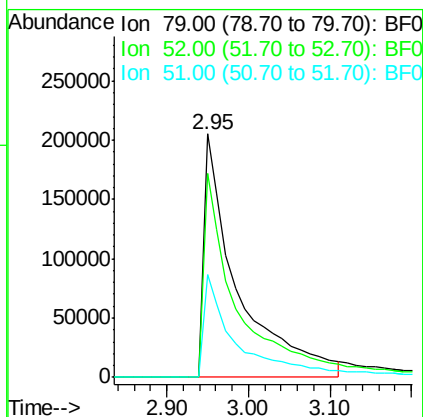
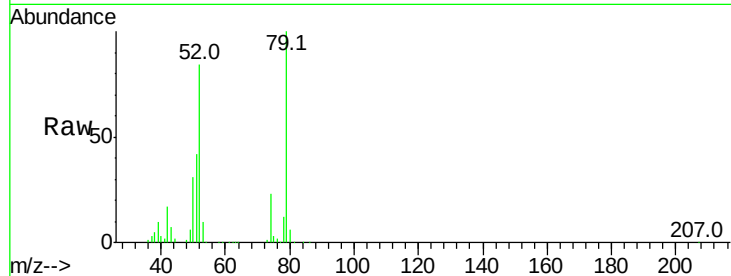
Tot Ion: 79 Resp: 596420

Ion Ratio Lower Upper

79 100

52 83.7 57.1 85.7

51 42.4 27.3 40.9#



#4

n-Nitrosodimethylamine

Concen: 44.74 ng

RT: 2.93 min Scan# 91

Delta R.T. 0.09 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

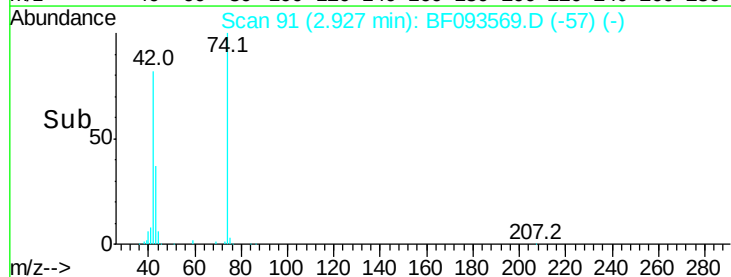
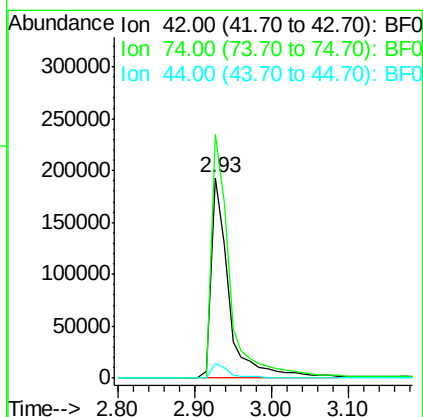
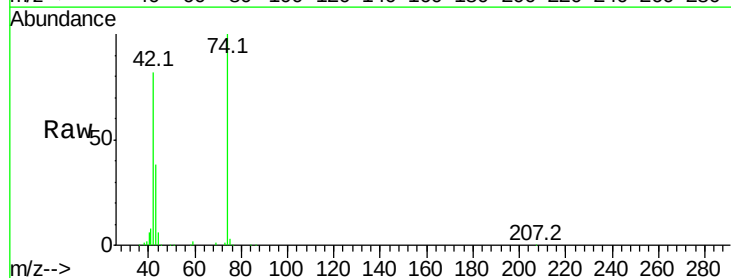
Tgt Ion: 42 Resp: 309831

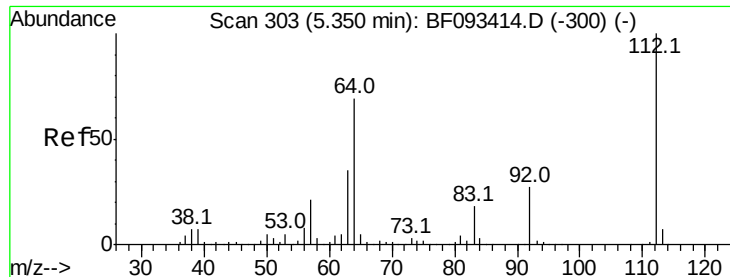
Ion Ratio Lower Upper

42 100

74 121.7 117.0 175.4

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 141.31 ng

RT: 5.33 min Scan# 301

Delta R.T. 0.01 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

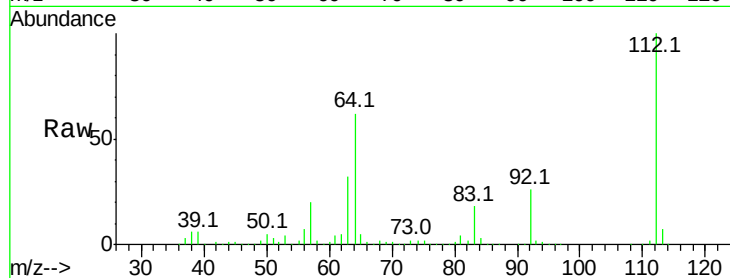
Tot Ion:112 Resp: 1459083

Ion Ratio Lower Upper

112 100

64 61.9 46.1 69.1

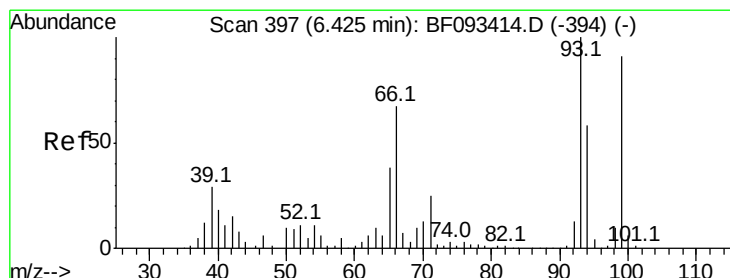
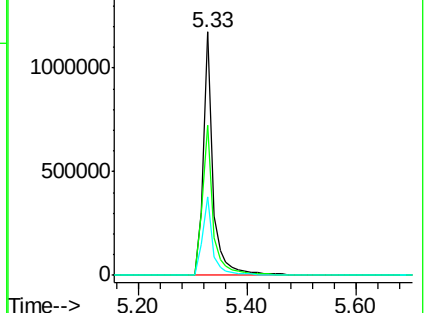
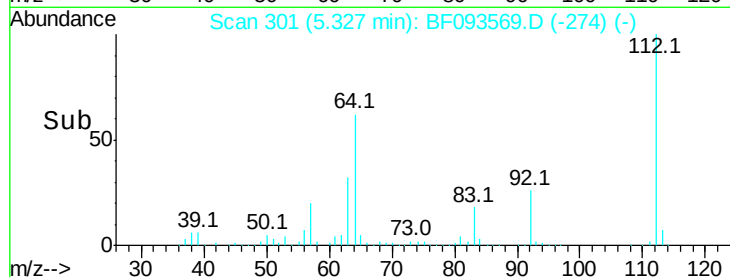
63 32.3 23.8 35.6



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: 22.42 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

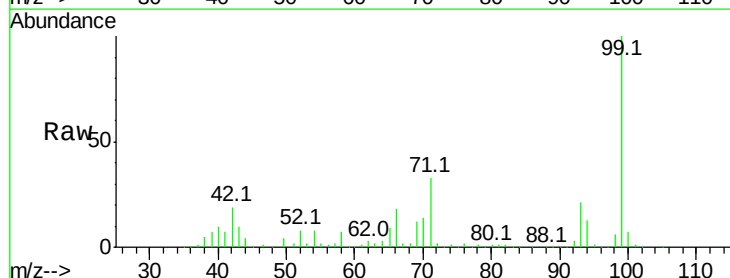
Tgt Ion: 93 Resp: 400688

Ion Ratio Lower Upper

93 100

66 85.8 76.2 114.2

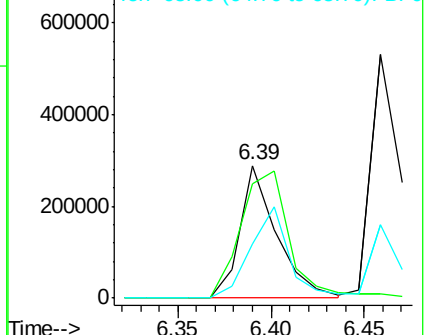
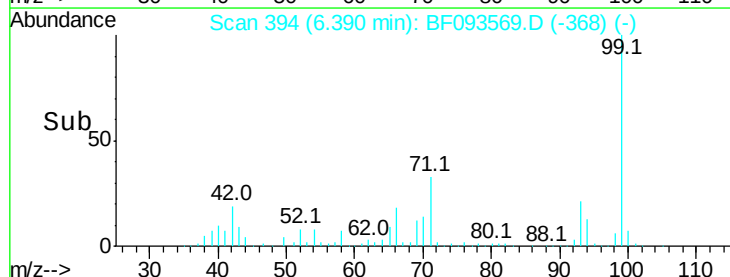
65 40.5 49.3 73.9#

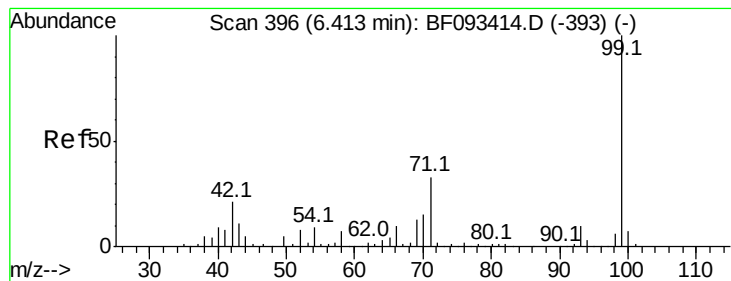


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 138.52 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

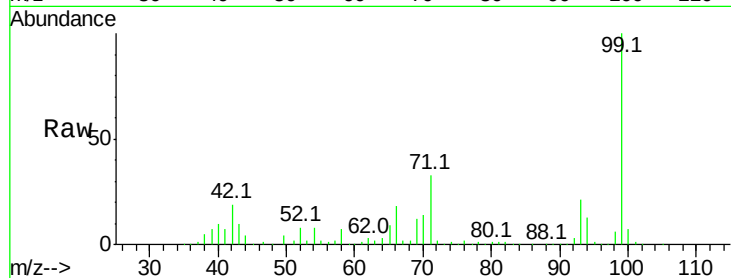
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1803552

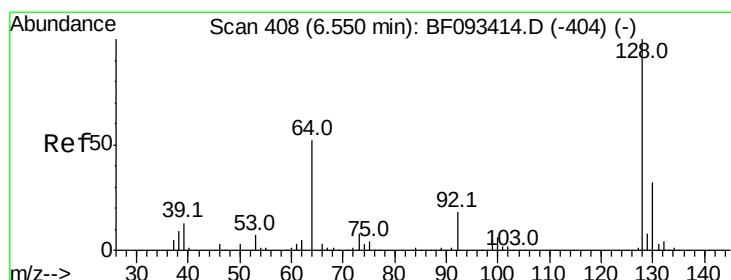
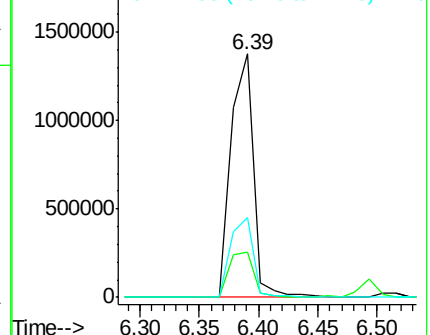
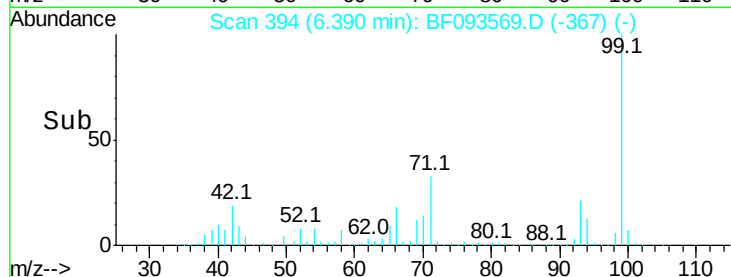
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.6	23.4
71	33.0	27.5	41.3



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: 46.38 ng

RT: 6.52 min Scan# 405

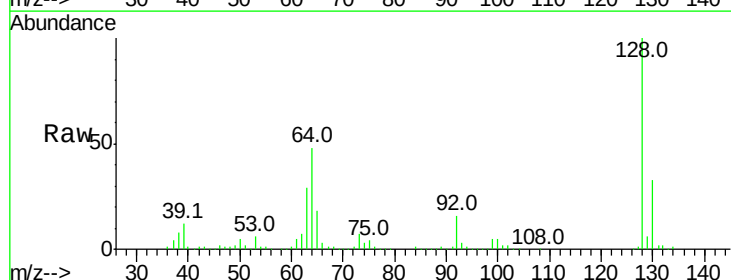
Delta R.T. 0.01 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Tgt Ion:128 Resp: 536577

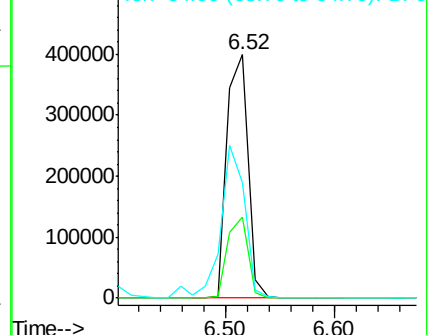
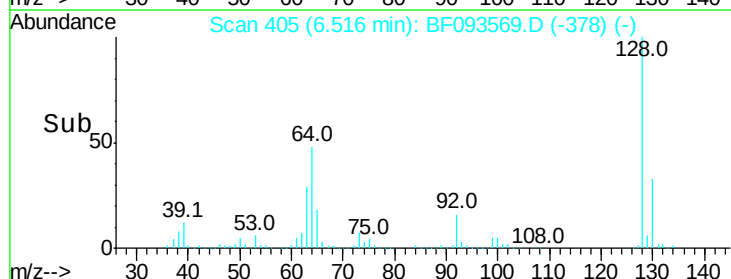
Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.3	52.3
64	47.7	32.2	72.2

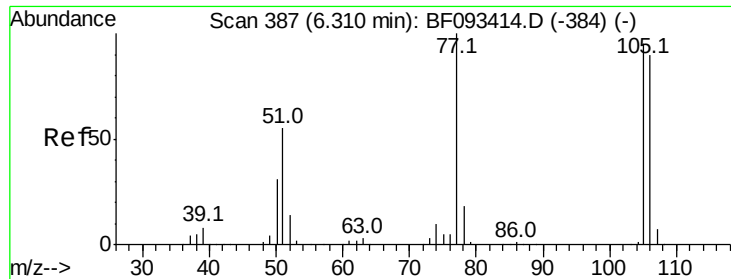


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

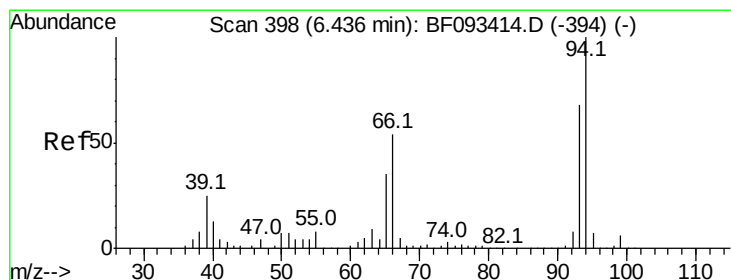
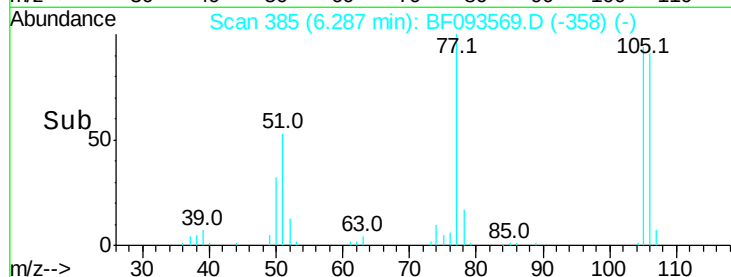
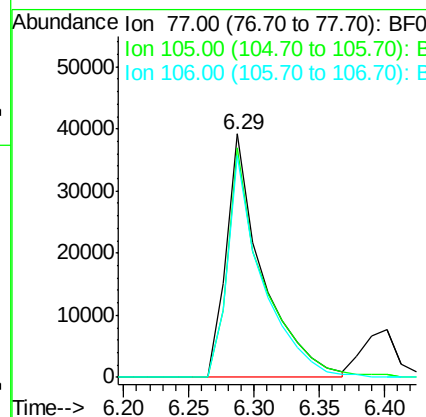
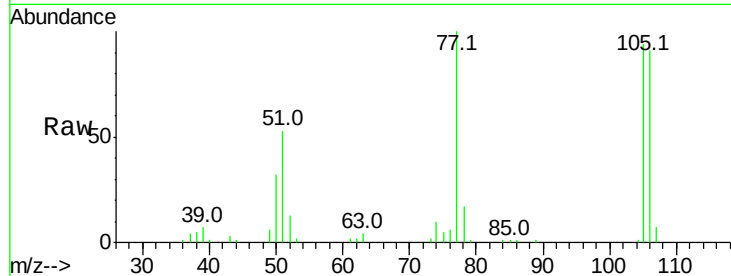




#9
Benzaldehyde
Concen: 6.77 ng
RT: 6.29 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

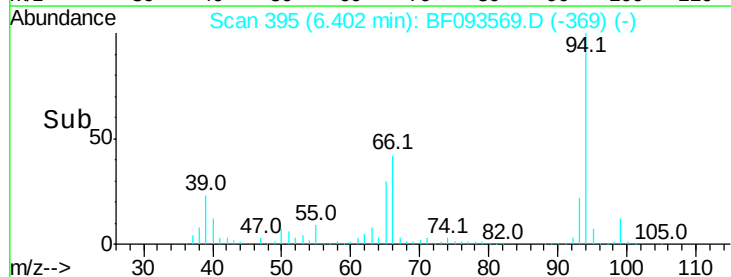
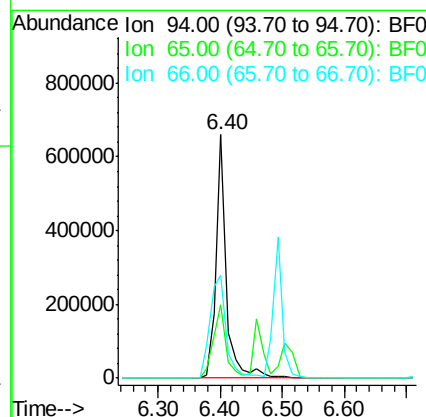
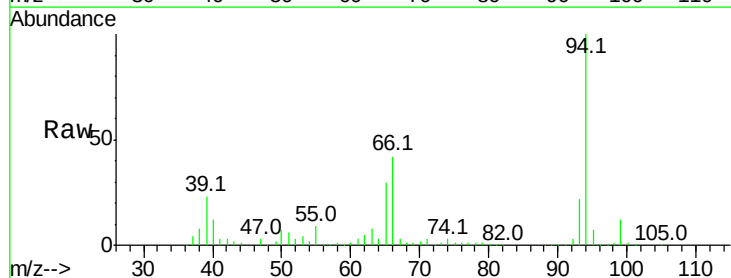
Instrument :
BNA_F
ClientSampled :

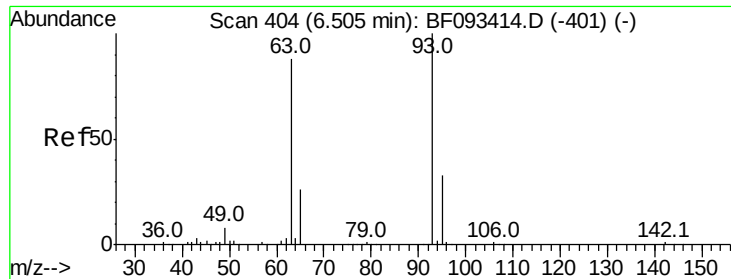
Tot Ion: 77 Resp: 75452
Ion Ratio Lower Upper
77 100
105 94.3 83.9 123.9
106 91.4 77.6 117.6



#10
Phenol
Concen: 47.79 ng
RT: 6.40 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

Tgt Ion: 94 Resp: 762461
Ion Ratio Lower Upper
94 100
65 30.1 21.4 61.4
66 42.2 44.0 84.0#

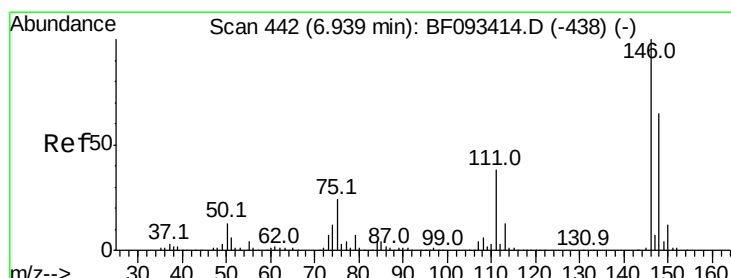
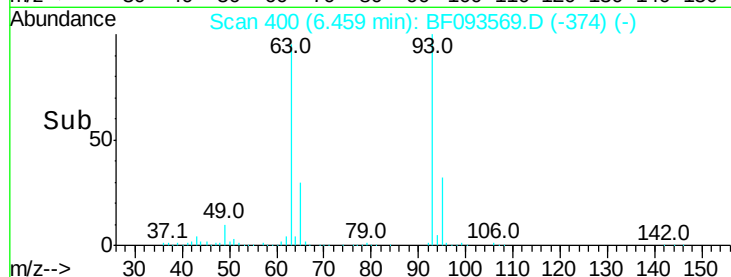
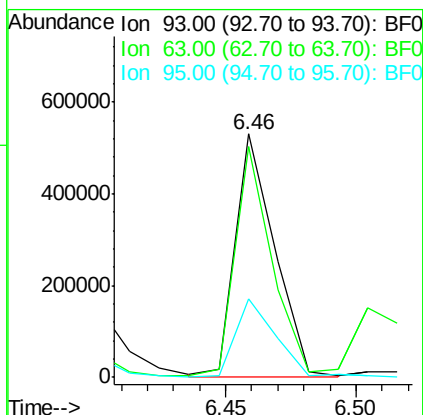
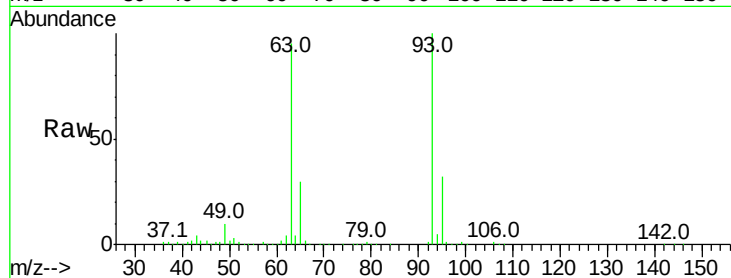




#11
bis(2-Chloroethyl)ether
Concen: 43.49 ng
RT: 6.46 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

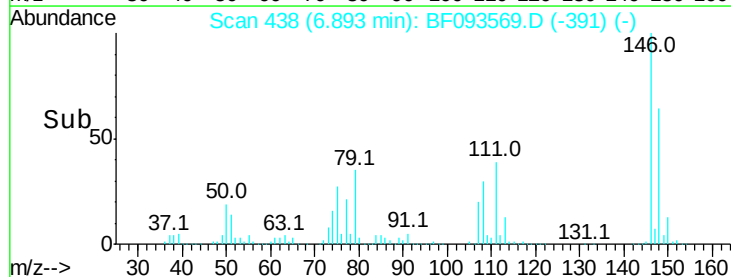
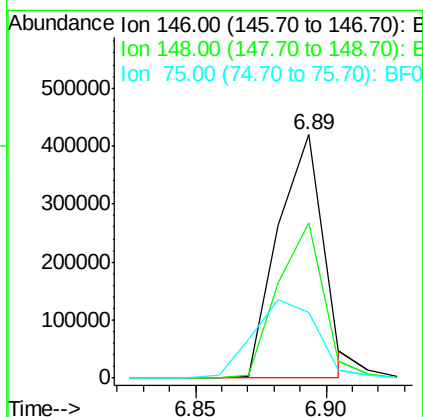
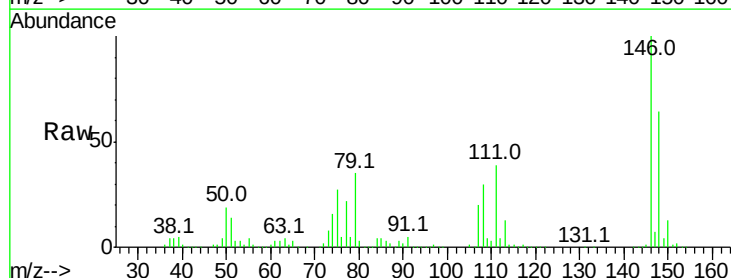
Instrument :
BNA_F
ClientSampleId :

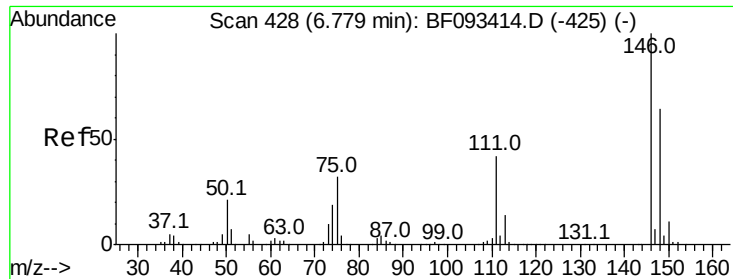
Tot Ion: 93 Resp: 560759
Ion Ratio Lower Upper
93 100
63 94.9 60.4 100.4
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.90 ng
RT: 6.89 min Scan# 438
Delta R.T. 0.24 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

Tgt Ion: 146 Resp: 501795
Ion Ratio Lower Upper
146 100
148 63.9 53.4 80.0
75 26.9 18.5 27.7

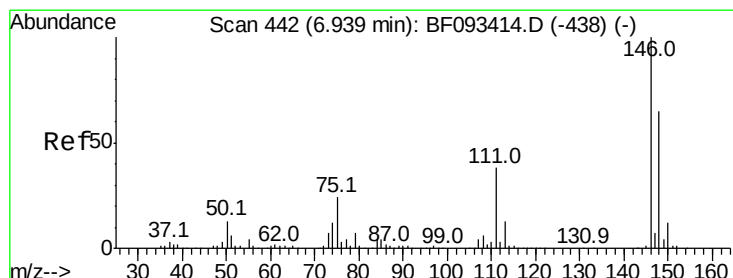
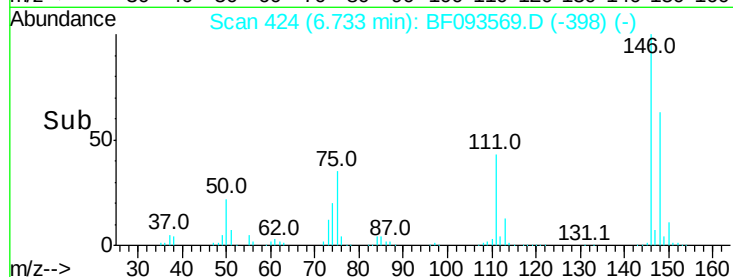
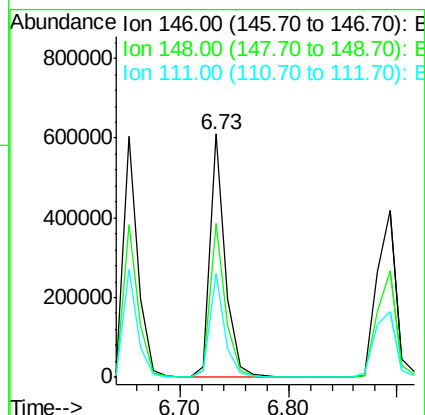
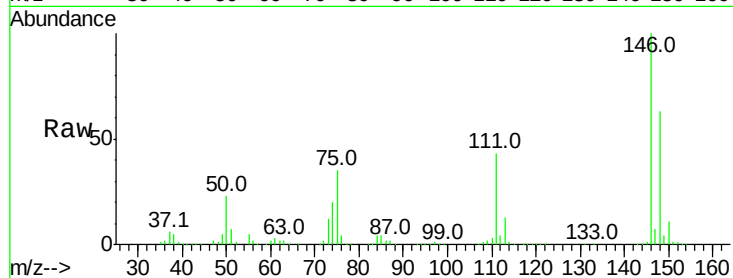




#13
 1,4-Dichlorobenzene
 Concen: 44.37 ng
 RT: 6.73 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

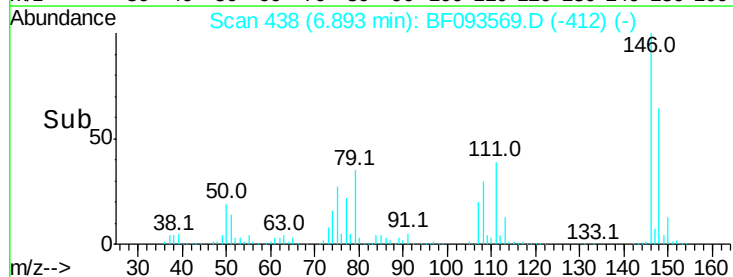
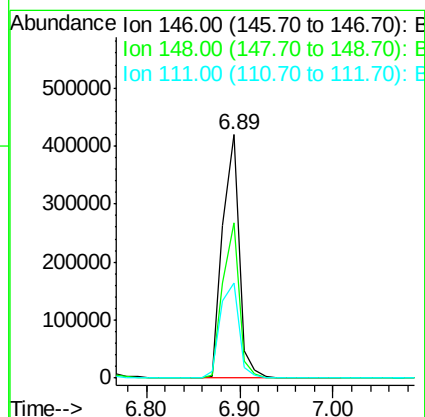
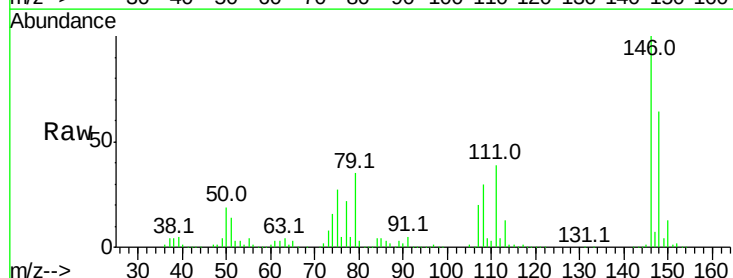
Instrument :
 BNA_F
 ClientSampleId :

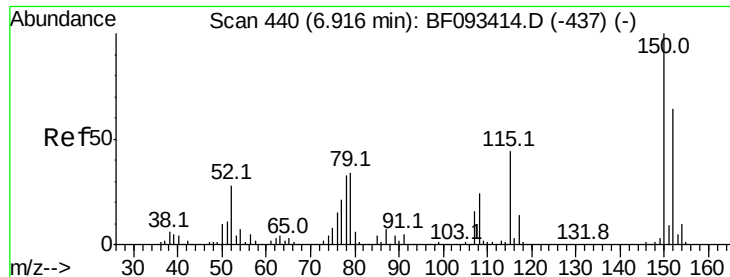
Tot Ion:146 Resp: 601553
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 76.0
 111 42.5 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 42.90 ng
 RT: 6.89 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

Tgt Ion:146 Resp: 515087
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 39.2 36.2 54.2

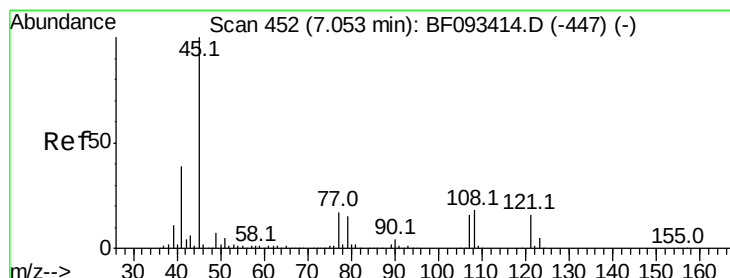
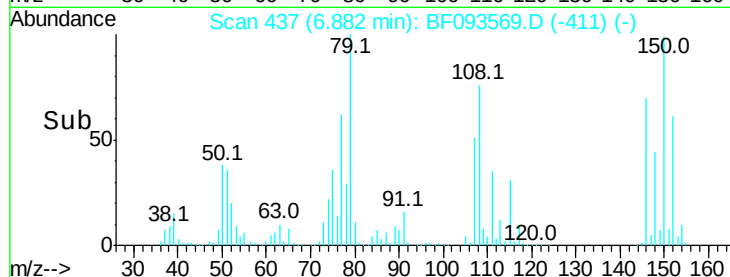
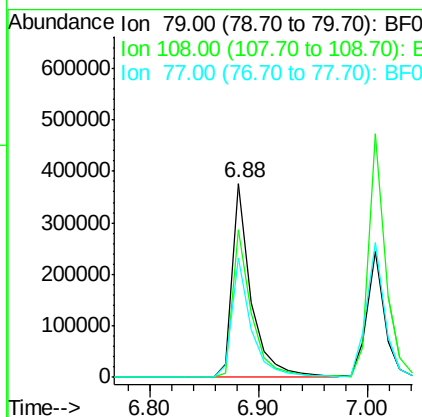
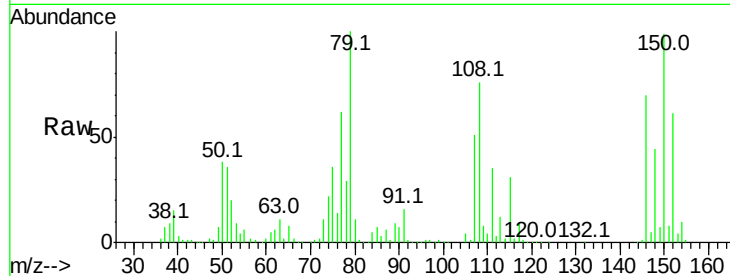




#15
Benzyl Alcohol
Concen: 48.92 ng
RT: 6.88 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

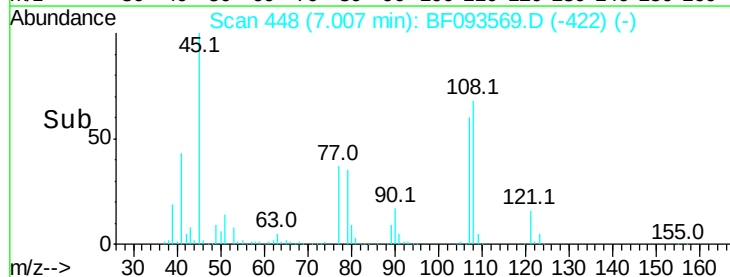
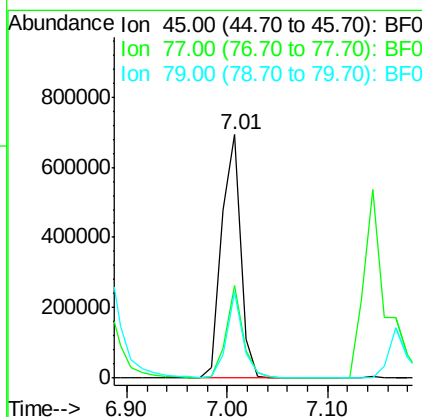
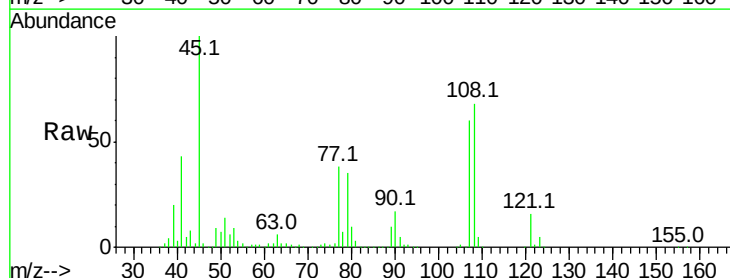
Instrument :
BNA_F
ClientSampled :

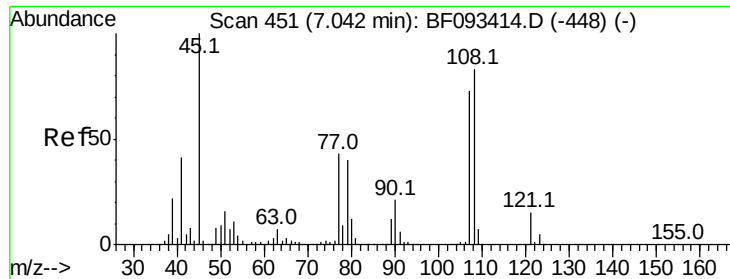
Tot Ion: 79 Resp: 454091
Ion Ratio Lower Upper
79 100
108 75.9 61.4 92.0
77 61.6 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.47 ng
RT: 7.01 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

Tgt Ion: 45 Resp: 909836
Ion Ratio Lower Upper
45 100
77 37.8 0.0 34.6#
79 35.2 0.0 31.2#

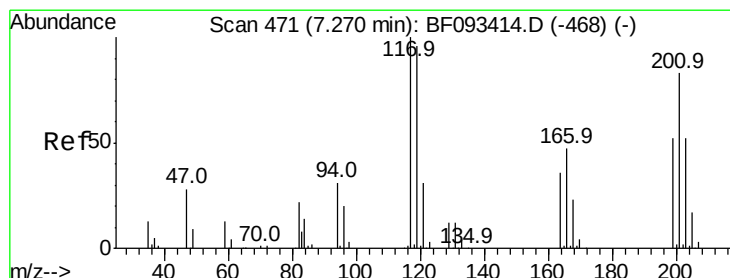
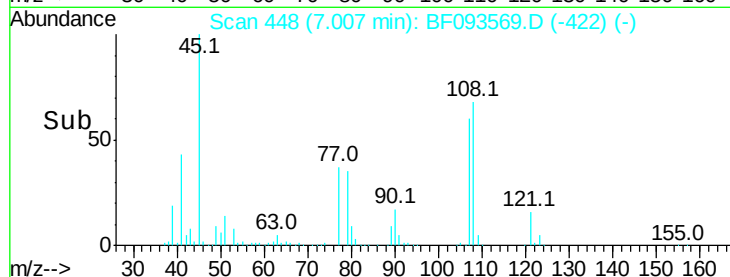
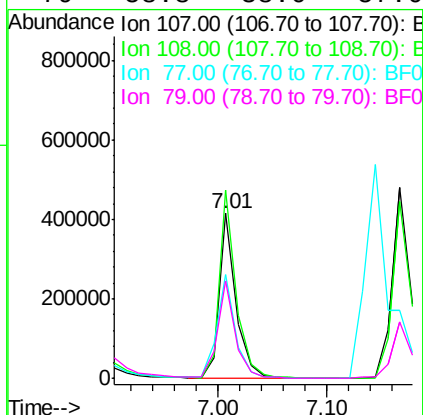
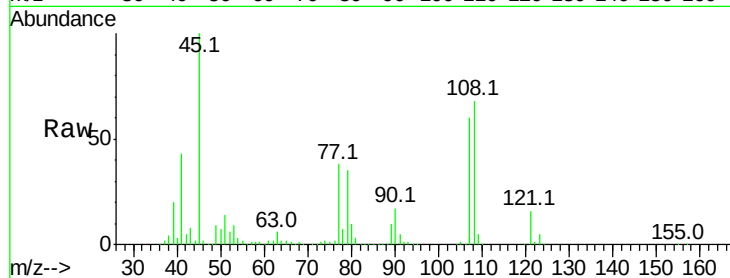




#17
2-Methylphenol
Concen: 45.27 ng
RT: 7.01 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

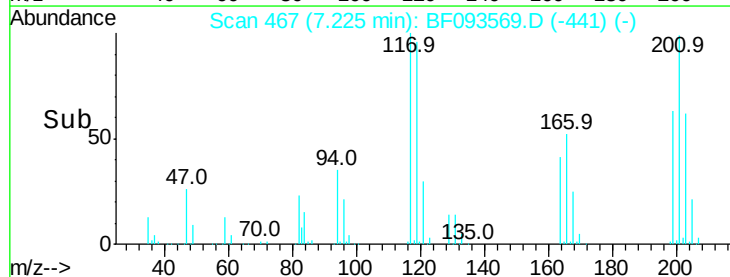
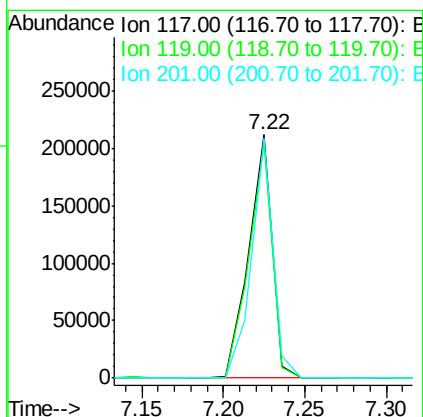
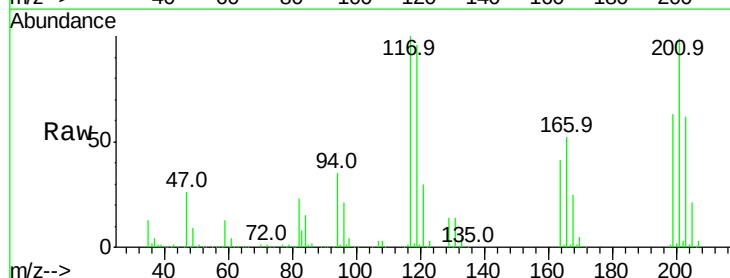
Instrument :
BNA_F
ClientSampleId :

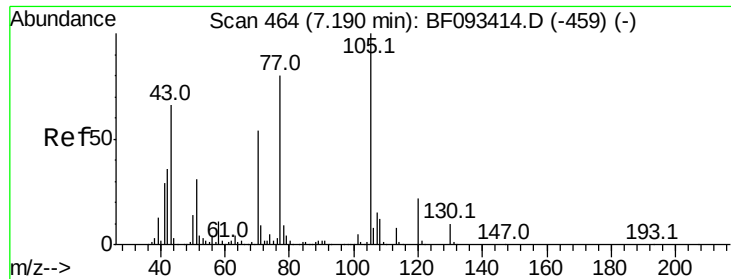
Tot Ion:107 Resp: 442974
Ion Ratio Lower Upper
107 100
108 114.0 93.0 139.6
77 63.2 39.8 59.8#
79 58.8 38.0 57.0#



#18
Hexachloroethane
Concen: 46.21 ng
RT: 7.22 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

Tgt Ion:117 Resp: 211265
Ion Ratio Lower Upper
117 100
119 96.3 78.1 117.1
201 98.5 78.6 117.8

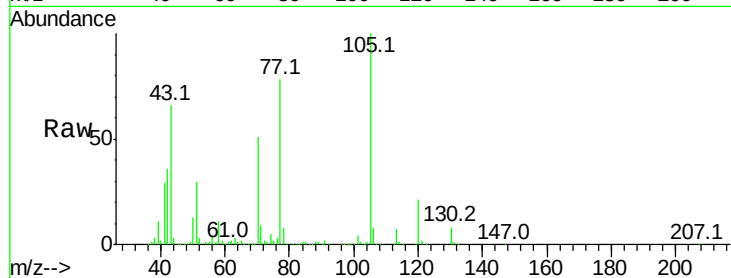




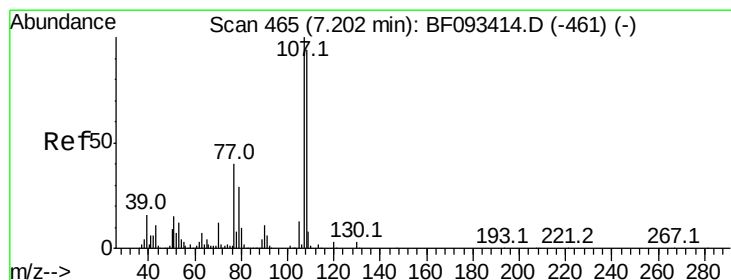
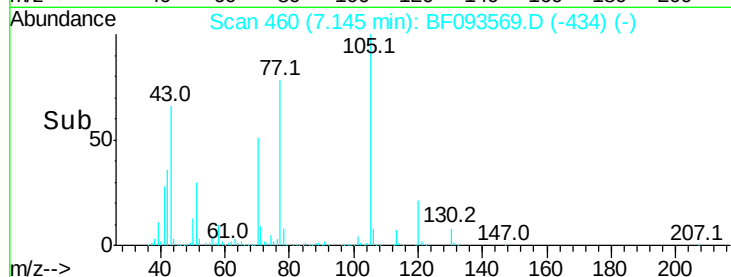
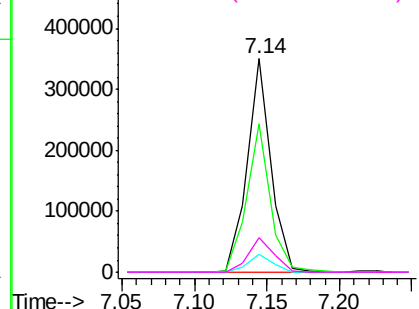
#19
n-Nitroso-di-n-propylamine
Concen: 44.48 ng
RT: 7.14 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 398204
Ion Ratio Lower Upper
70 100
42 69.6 49.4 74.0
101 8.5 7.4 11.2
130 16.1 14.2 21.4

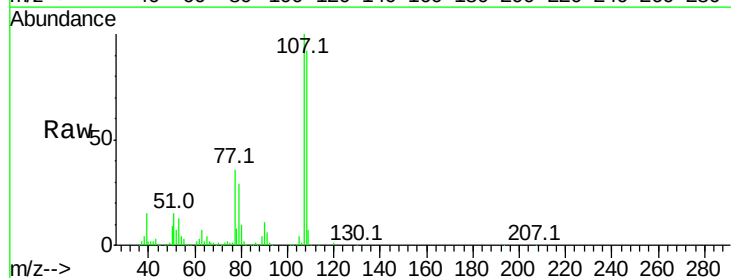


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

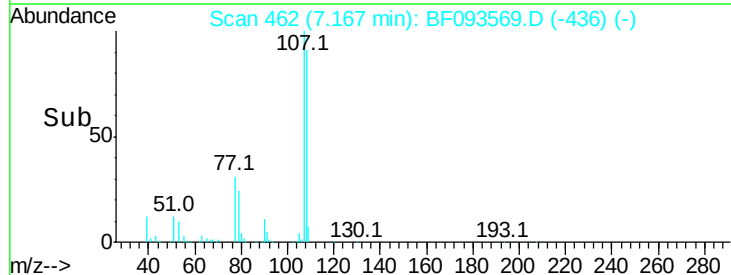
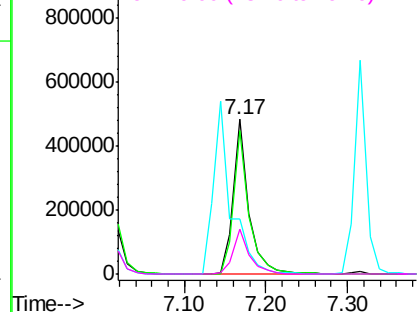


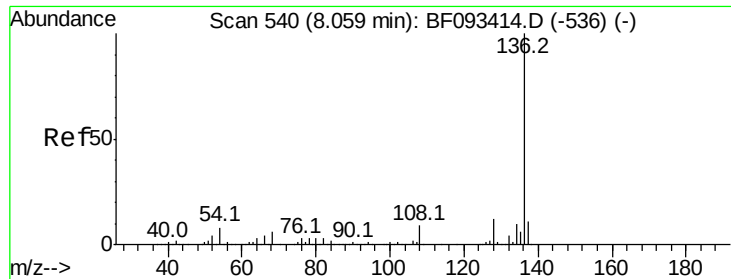
#20
3+4-Methylphenols
Concen: 49.75 ng
RT: 7.17 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

Tgt Ion:107 Resp: 631356
Ion Ratio Lower Upper
107 100
108 92.5 73.0 113.0
77 35.8 71.3 111.3#
79 29.3 11.1 51.1



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

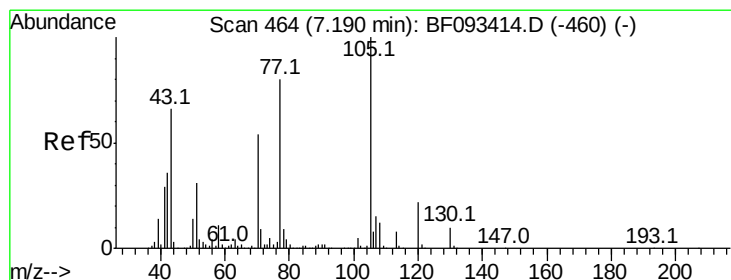
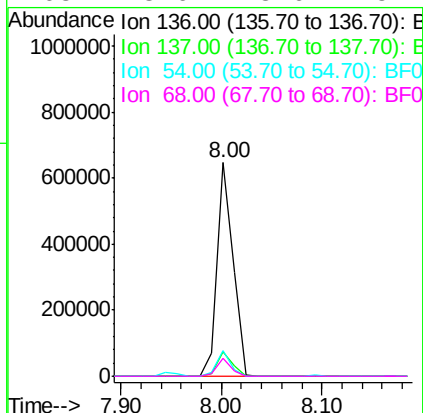
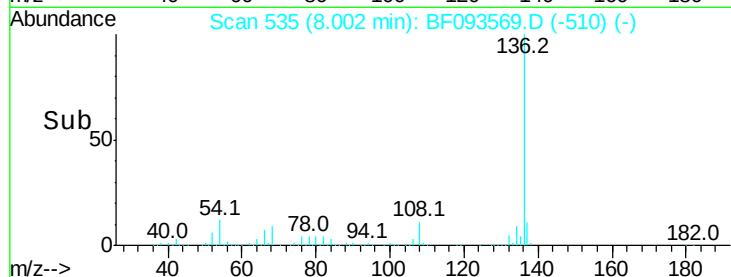
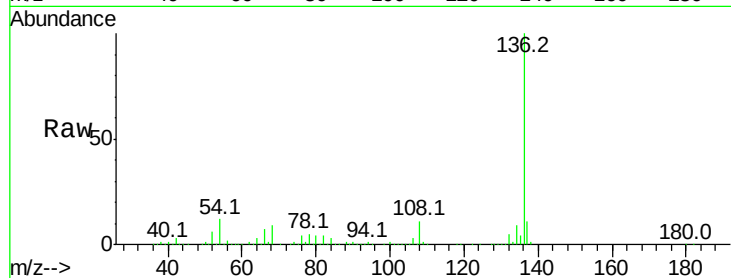




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

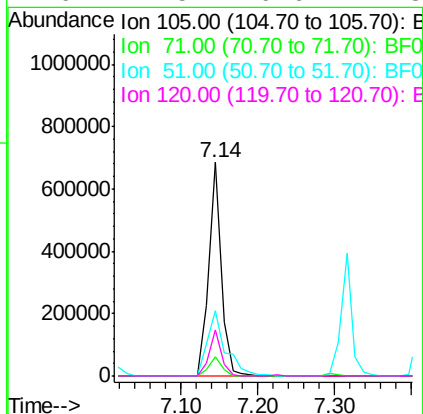
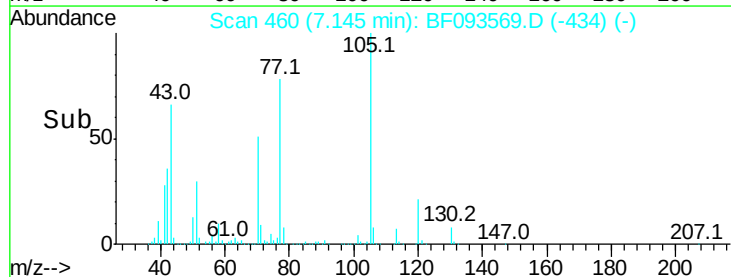
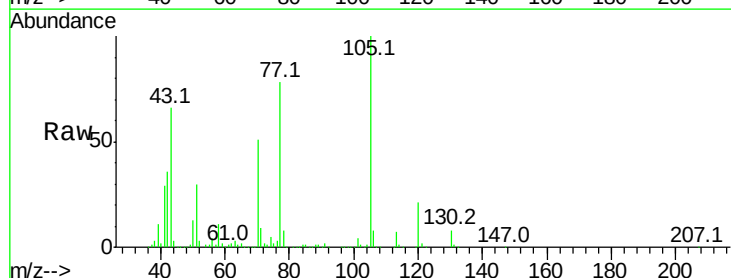
Instrument :
BNA_F
ClientSampled :

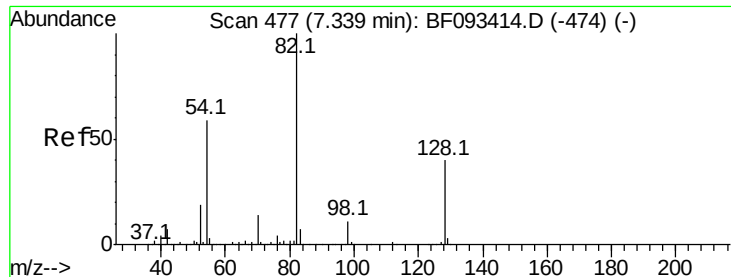
Tot Ion:136	Resp:	711586
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.4 12.6
54	12.0	4.5 6.7#
68	8.6	3.6 5.4#



#22
Acetophenone
Concen: 44.89 ng
RT: 7.14 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

Tgt Ion:105	Resp:	768711
Ion Ratio	Lower	Upper
105	100	
71	8.7	3.2 4.8#
51	30.3	26.2 39.4
120	21.5	16.6 24.8

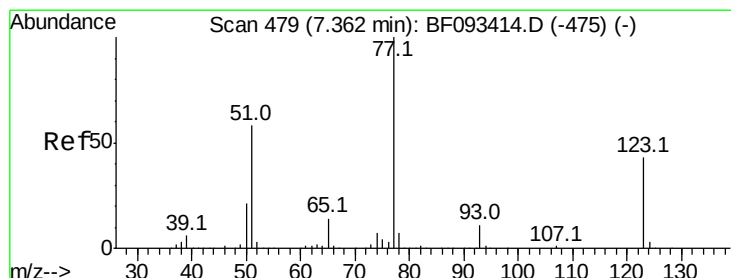
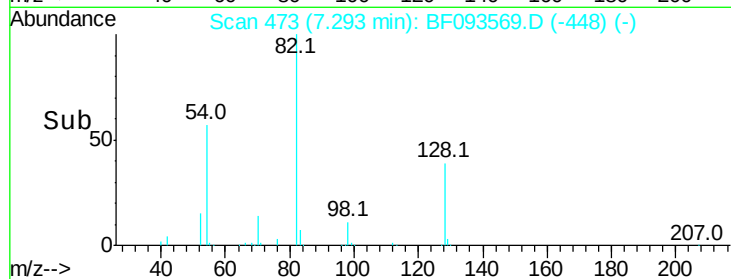
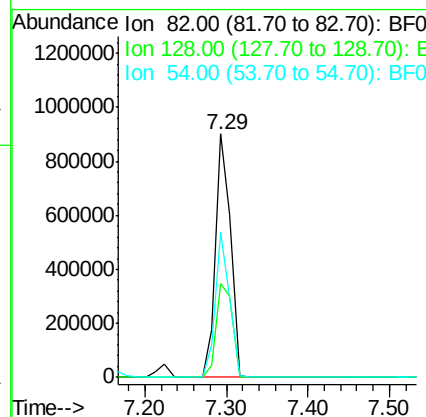
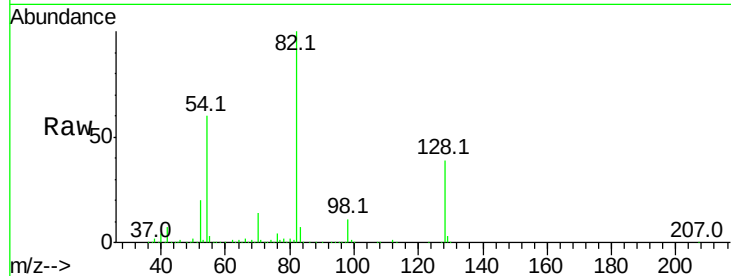




#23
 Nitrobenzene-d5
 Concen: 91.03 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

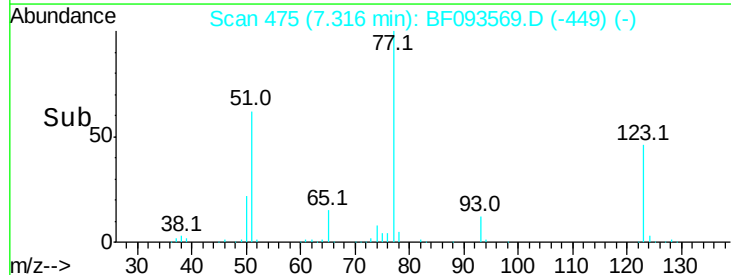
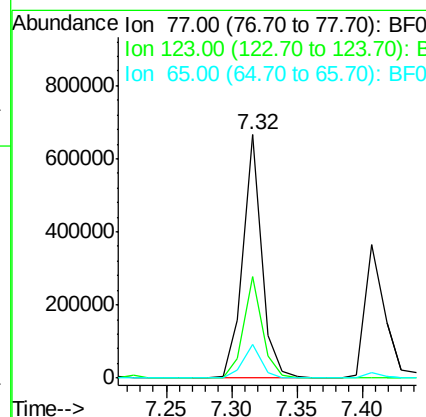
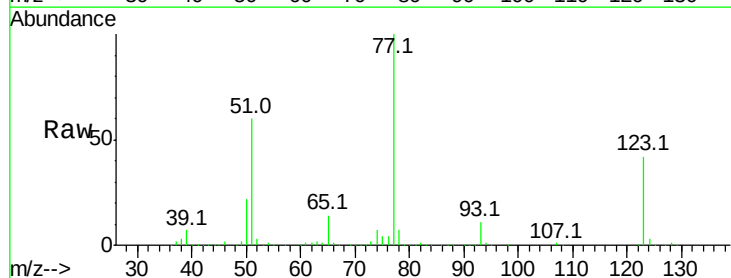
Instrument :
 BNA_F
 ClientSampled :

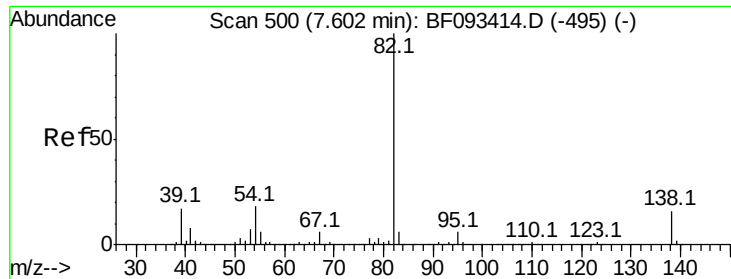
Tot Ion: 82 Resp: 1167421
 Ion Ratio Lower Upper
 82 100
 128 38.7 34.6 52.0
 54 59.6 39.5 59.3#



#24
 Nitrobenzene
 Concen: 45.75 ng
 RT: 7.32 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

Tgt Ion: 77 Resp: 659445
 Ion Ratio Lower Upper
 77 100
 123 41.9 33.0 49.4
 65 14.0 11.2 16.8





#25

Isophorone

Concen: 46.17 ng

RT: 7.56 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

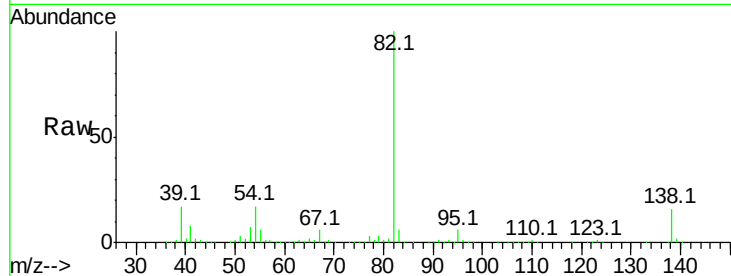
Tot Ion: 82 Resp: 1194174

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

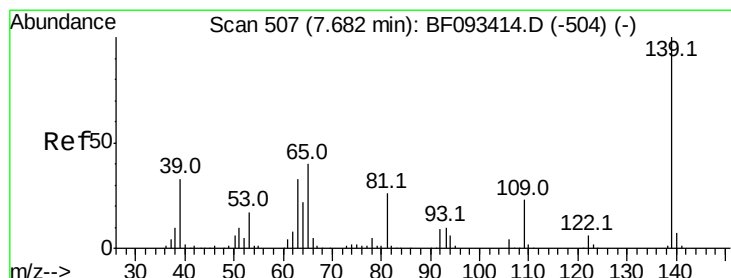
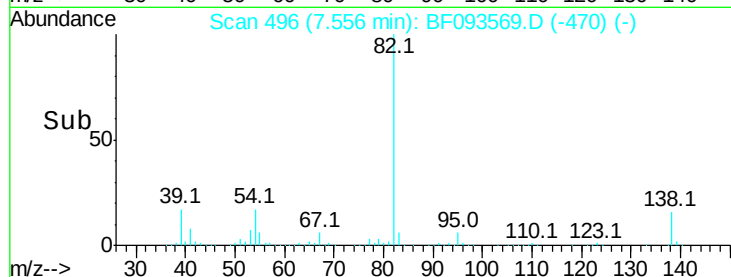
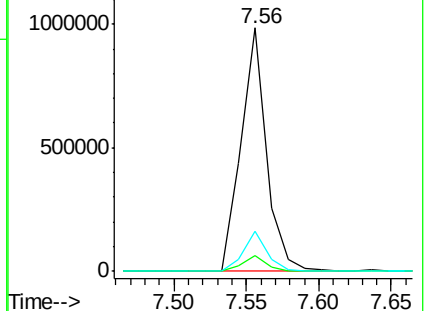
138 16.2 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.18 ng

RT: 7.64 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

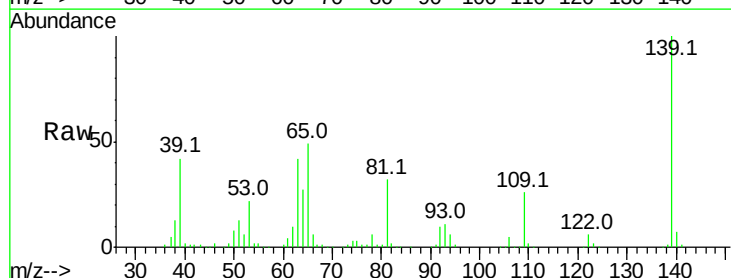
Tgt Ion: 139 Resp: 297134

Ion Ratio Lower Upper

139 100

109 26.0 23.3 34.9

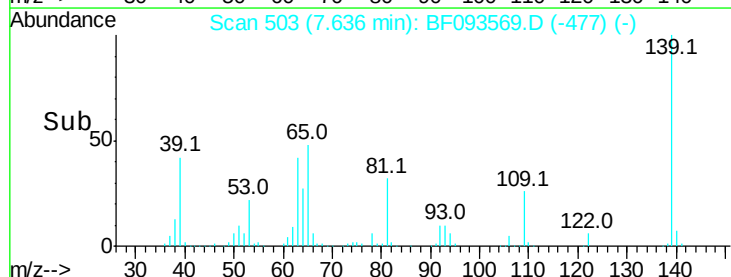
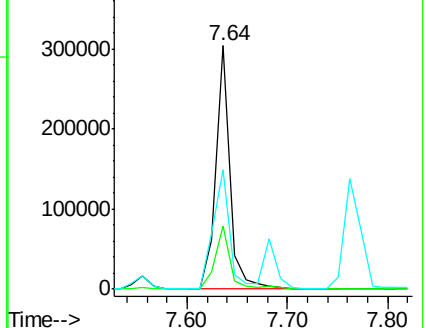
65 49.1 42.7 64.1

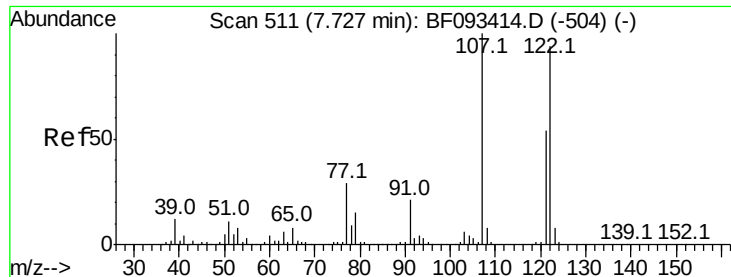


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

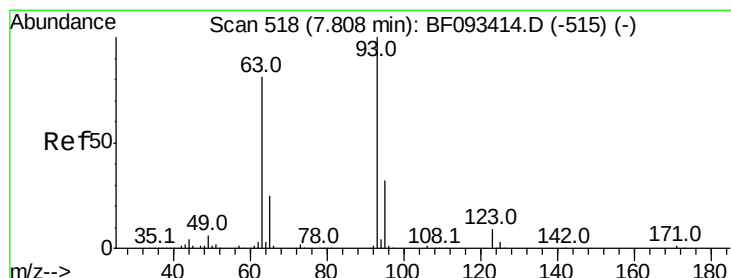
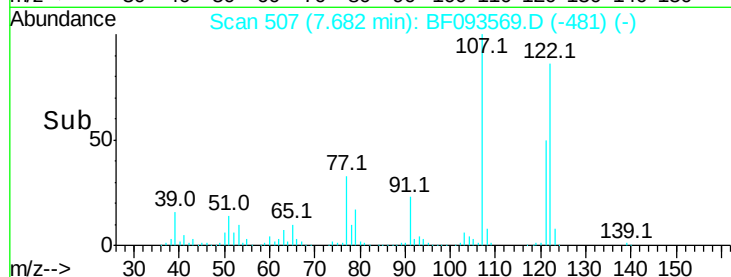
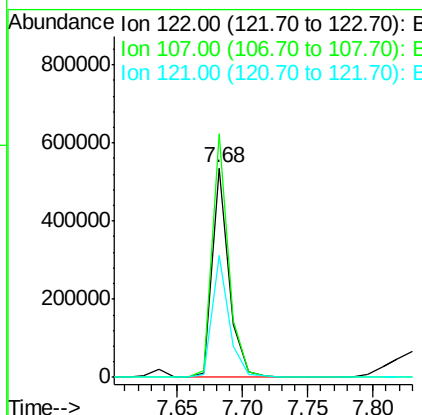
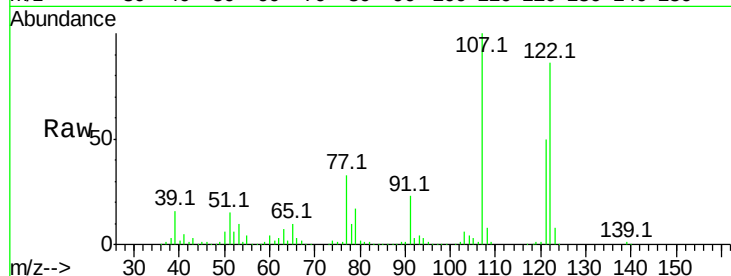




#27
 2,4-Dimethylphenol
 Concen: 45.00 ng
 RT: 7.68 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

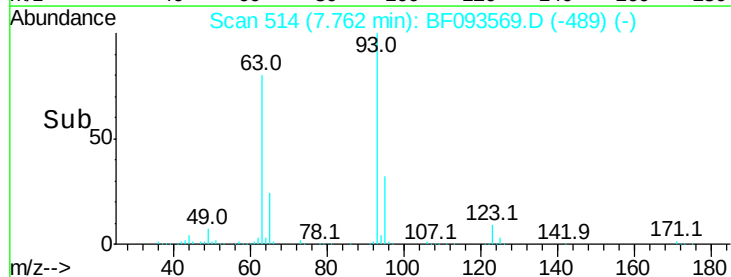
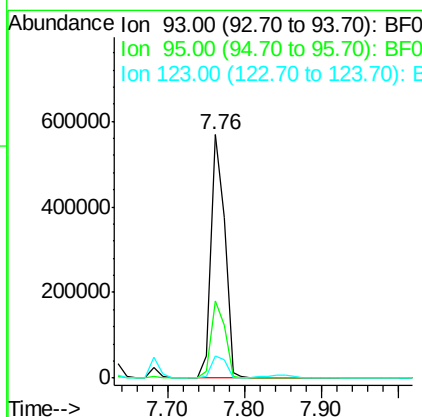
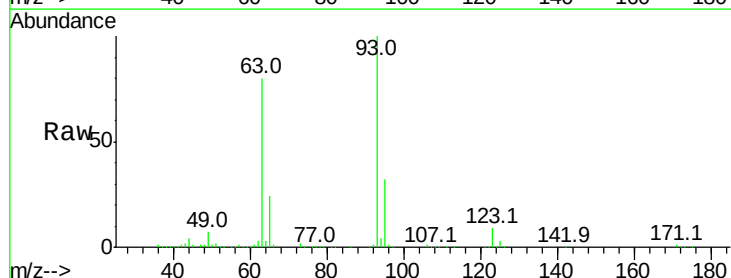
Instrument :
 BNA_F
 ClientSampled :

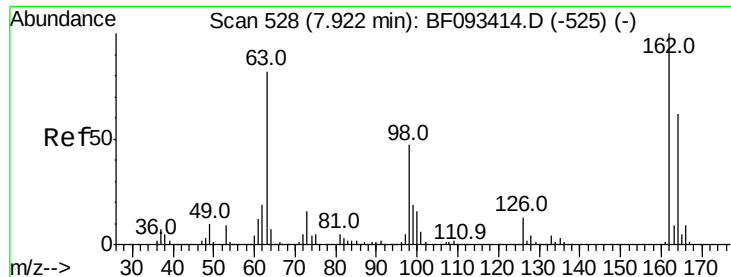
Tot Ion:122 Resp: 481370
 Ion Ratio Lower Upper
 122 100
 107 116.4 94.1 141.1
 121 58.6 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.79 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

Tgt Ion: 93 Resp: 698595
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.5 39.7
 123 8.9 8.6 13.0

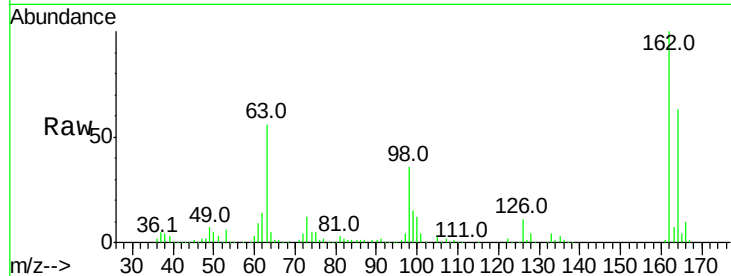




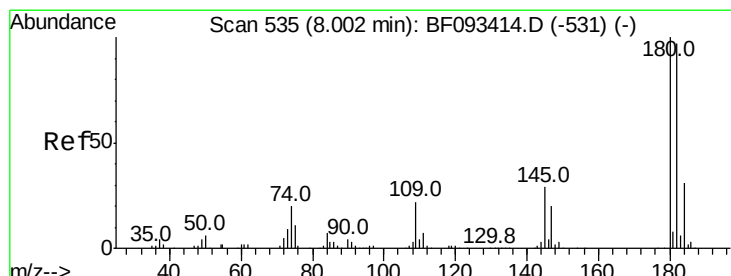
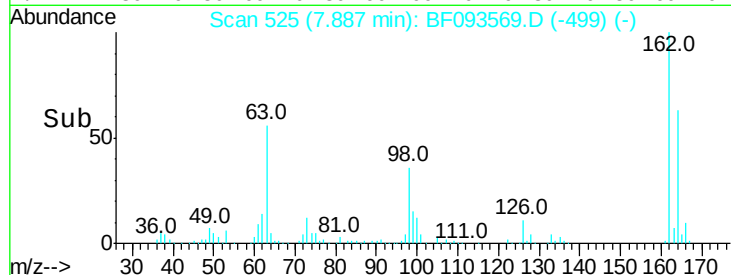
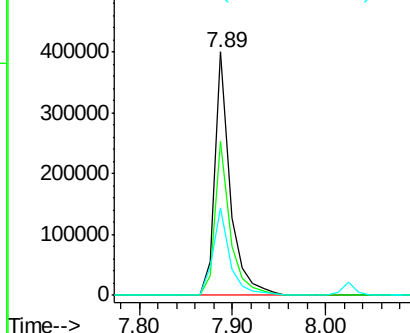
#29
 2,4-Dichlorophenol
 Concen: 45.42 ng
 RT: 7.89 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	46.8	86.8
98	35.8	9.1	49.1

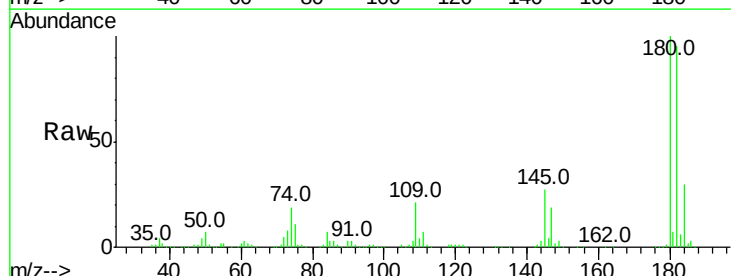


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

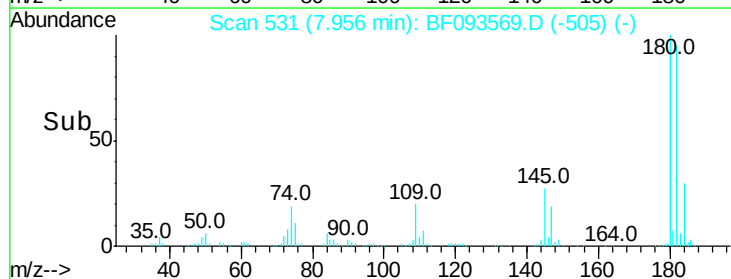
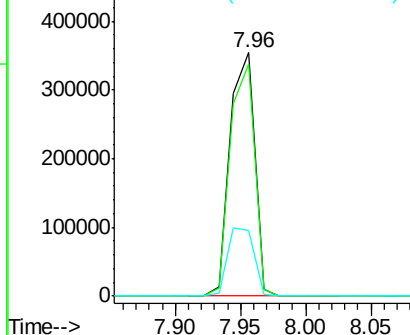


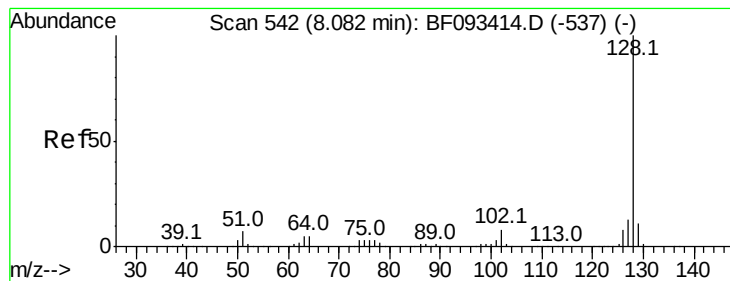
#30
 1,2,4-Trichlorobenzene
 Concen: 43.26 ng
 RT: 7.96 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.2	117.4
145	27.2	21.6	32.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.20 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

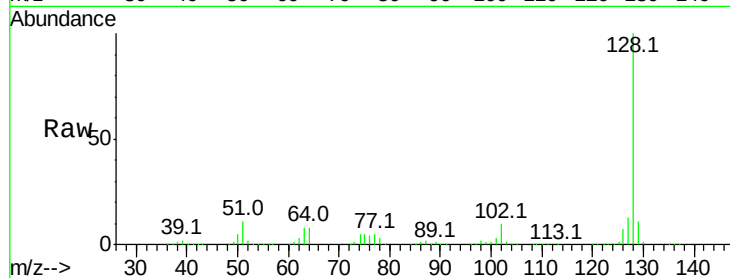
Tot Ion:128 Resp: 1469348

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

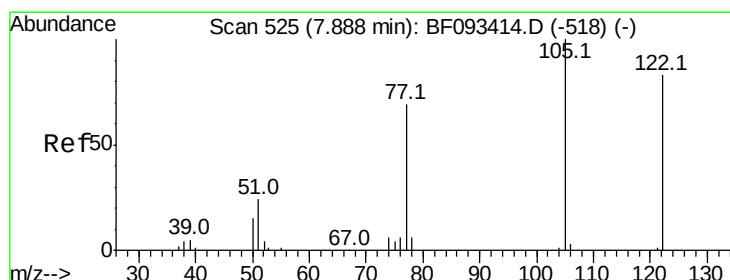
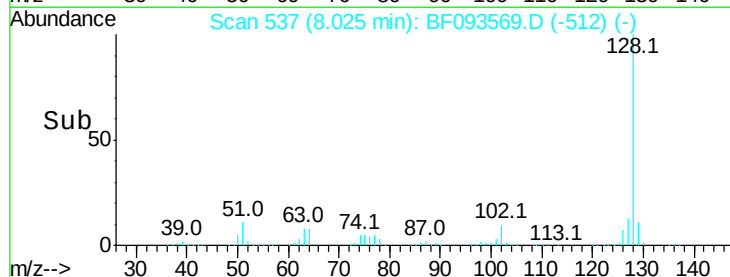
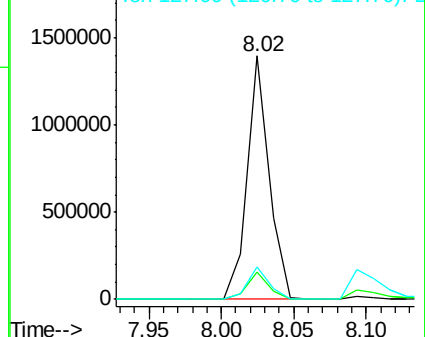
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 56.11 ng

RT: 7.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

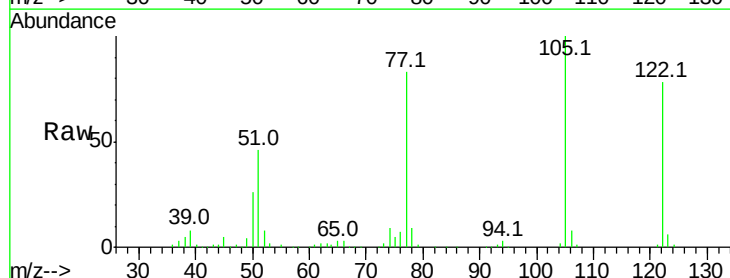
Tgt Ion:122 Resp: 311920

Ion Ratio Lower Upper

122 100

105 129.0 107.2 147.2

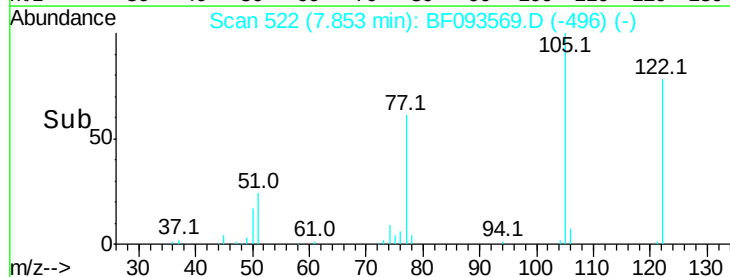
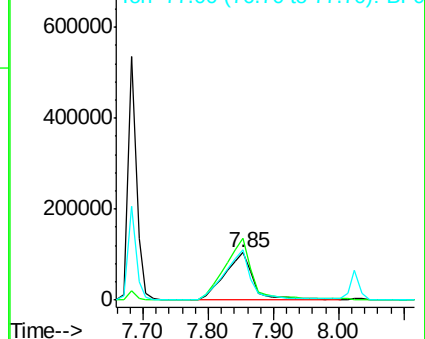
77 106.9 74.5 114.5

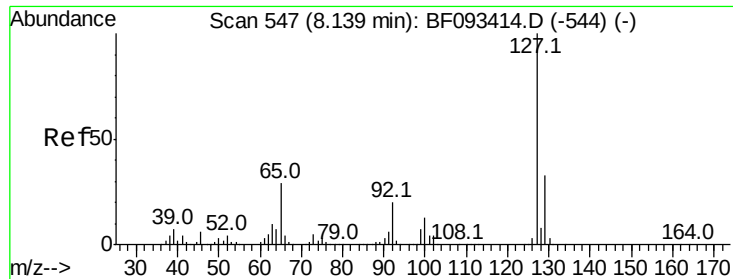


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

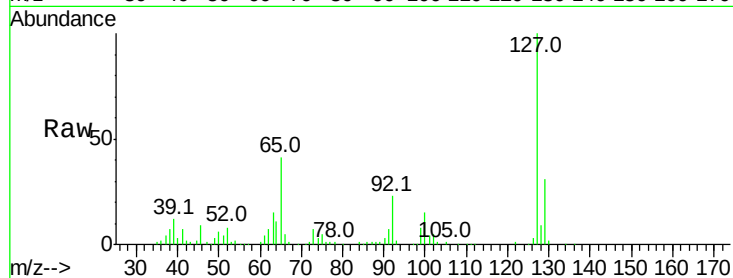




#33
 4-Chloroaniline
 Concen: 18.72 ng
 RT: 8.09 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	270937
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.3	39.5
65	41.5	25.8	38.8
92	23.3	16.1	24.1



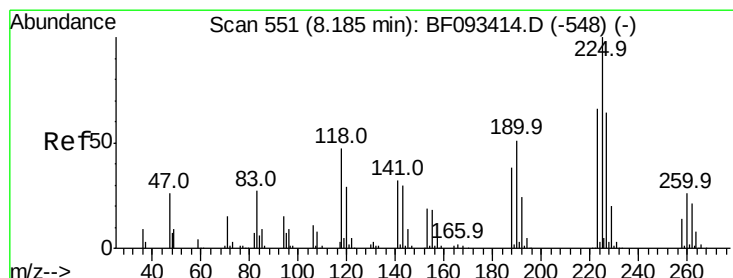
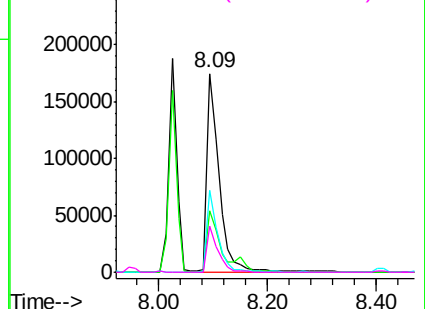
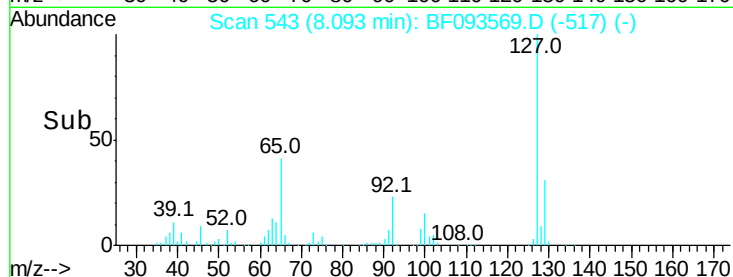
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

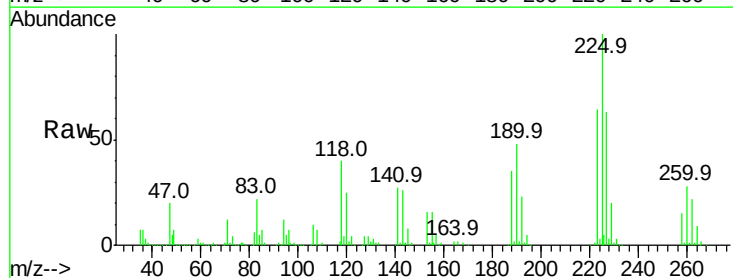
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
 Hexachlorobutadiene
 Concen: 43.25 ng
 RT: 8.14 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

Tgt Ion:	225	Resp:	238467
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.6
227	62.8	50.6	76.0

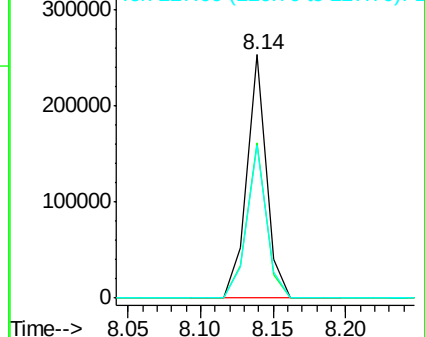
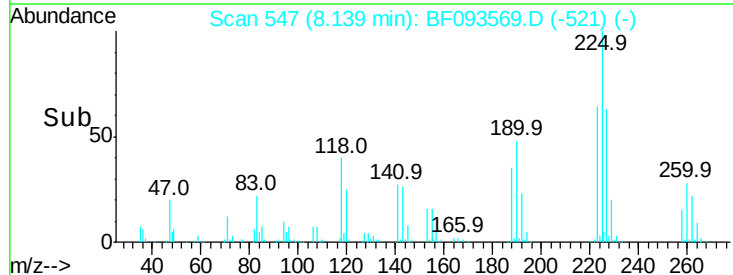


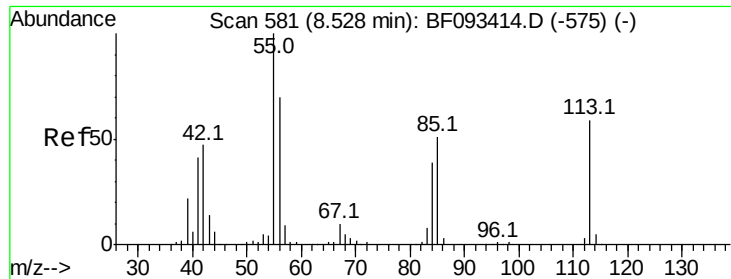
Abundance

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

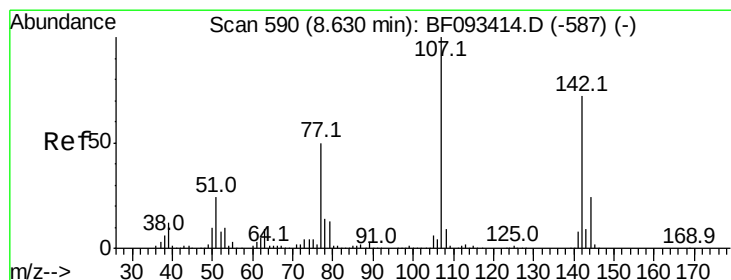
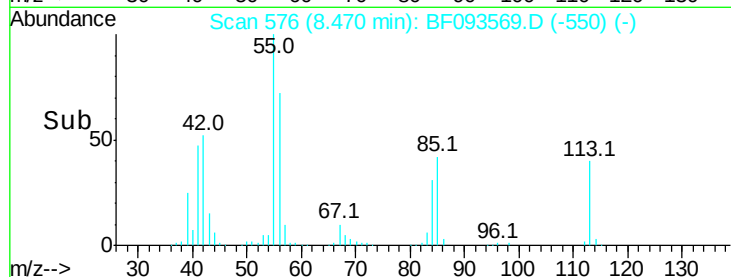
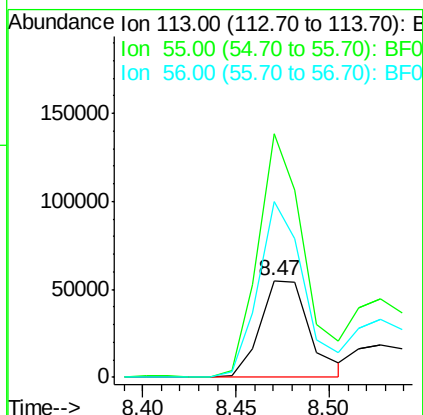
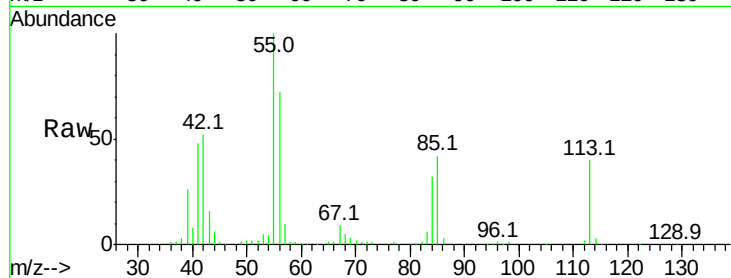




#35
Caprolactam
Concen: 29.62 ng
RT: 8.47 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

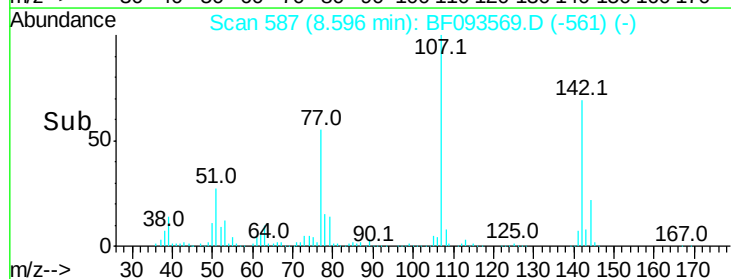
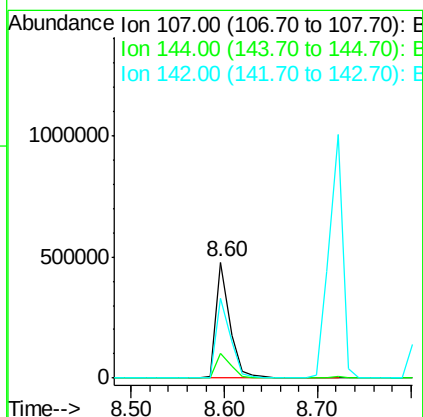
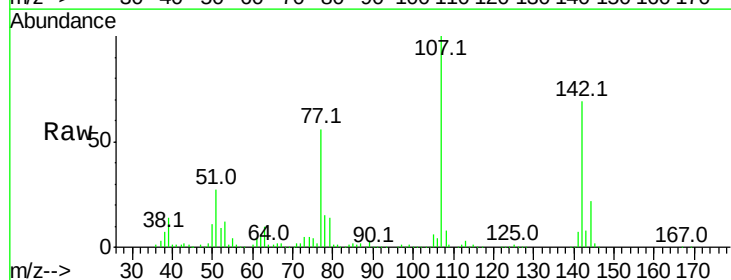
Instrument :
BNA_F
ClientSampled :

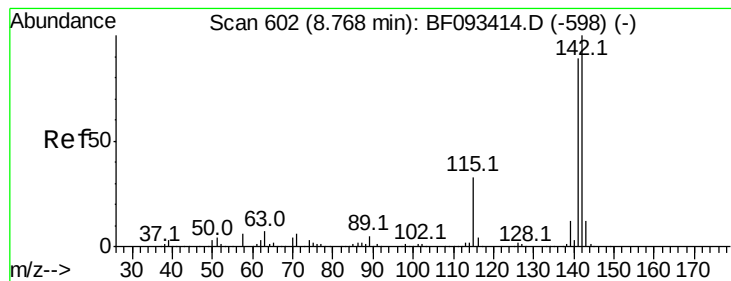
Tot Ion:113 Resp: 101815
Ion Ratio Lower Upper
113 100
55 252.0 119.2 159.2#
56 182.0 83.8 123.8#



#36
4-Chloro-3-methylphenol
Concen: 45.51 ng
RT: 8.60 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

Tgt Ion:107 Resp: 488873
Ion Ratio Lower Upper
107 100
144 21.8 19.3 28.9
142 69.1 59.0 88.6





#37

2-Methylnaphthalene

Concen: 45.38 ng

RT: 8.72 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

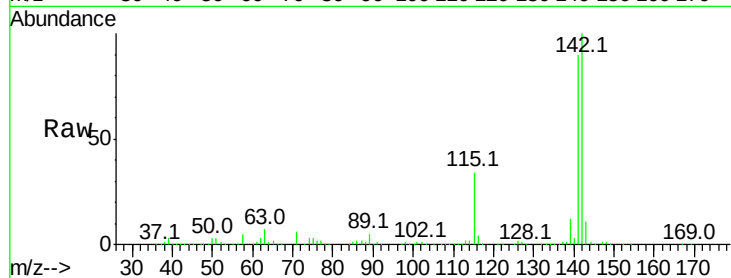
Tot Ion:142 Resp: 1029605

Ion Ratio Lower Upper

142 100

141 89.9 71.0 106.6

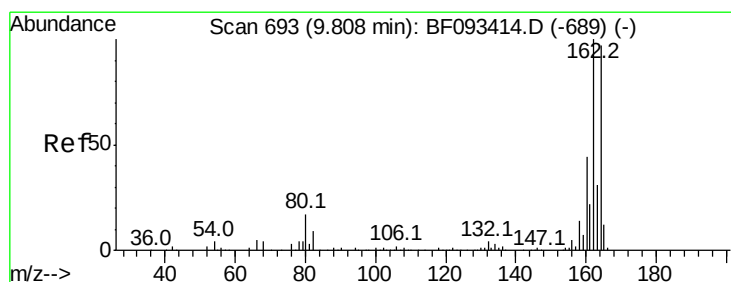
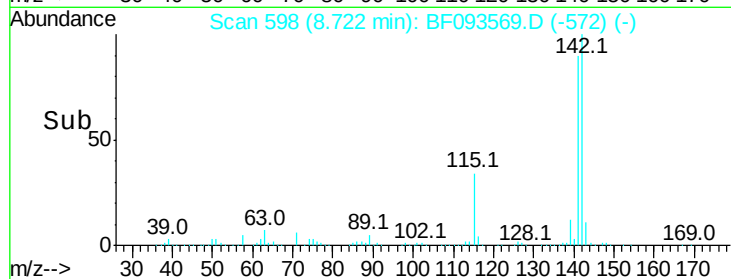
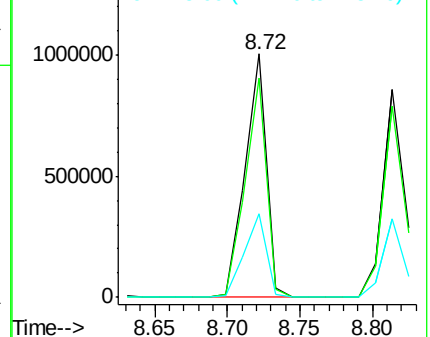
115 34.4 28.3 42.5



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: 9.75 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

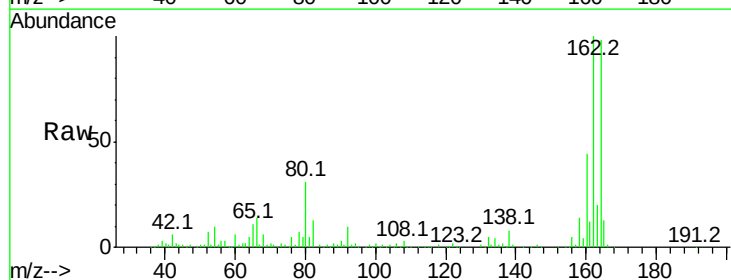
Tgt Ion:164 Resp: 342982

Ion Ratio Lower Upper

164 100

162 101.8 80.2 120.2

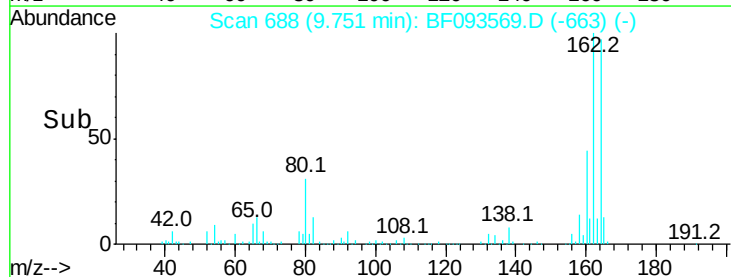
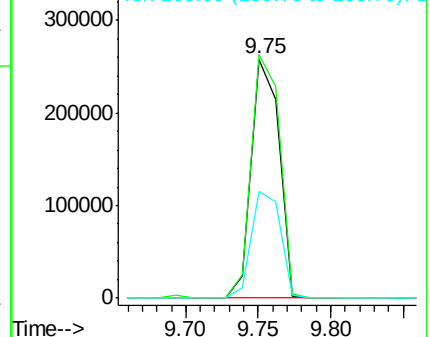
160 44.8 36.9 55.3

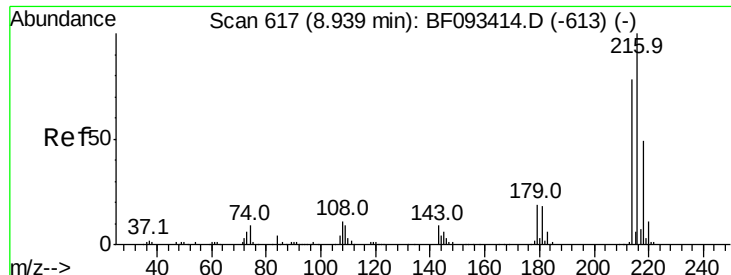


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.73 ng

RT: 8.88 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 418877

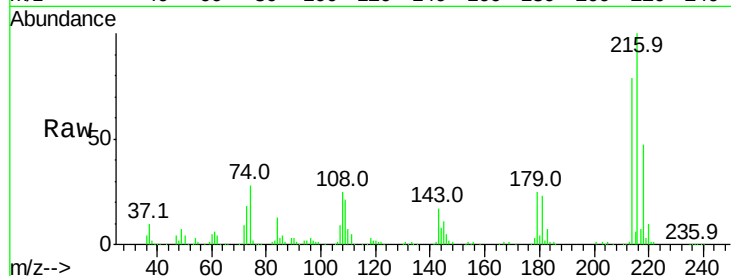
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.0

179 22.0 17.4 26.2

108 23.0 15.6 23.4

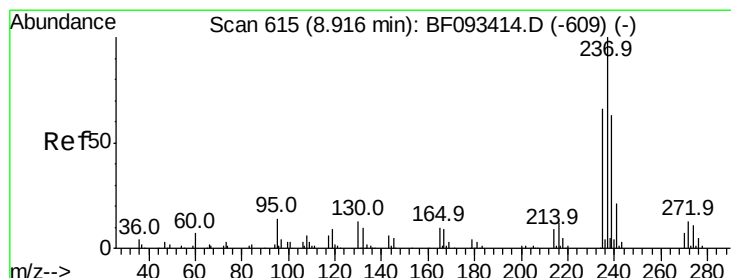
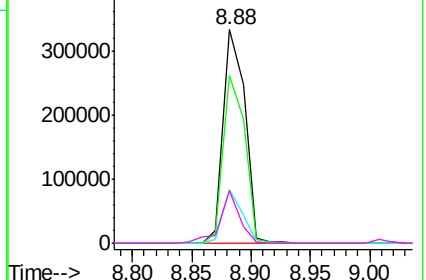
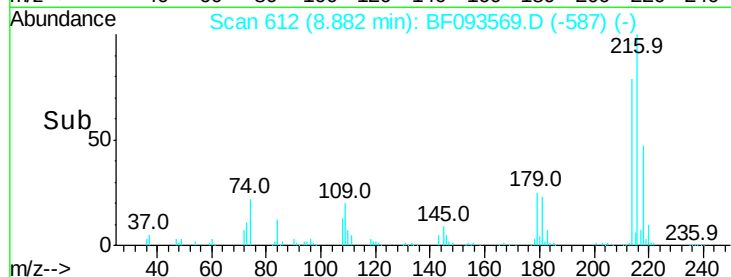


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 106.12 ng

RT: 8.87 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

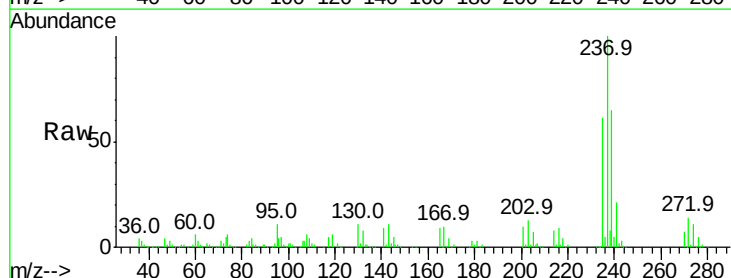
Tgt Ion:237 Resp: 261766

Ion Ratio Lower Upper

237 100

235 60.5 41.2 81.2

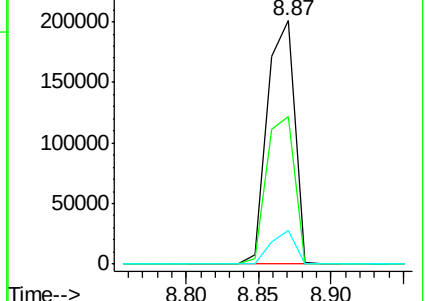
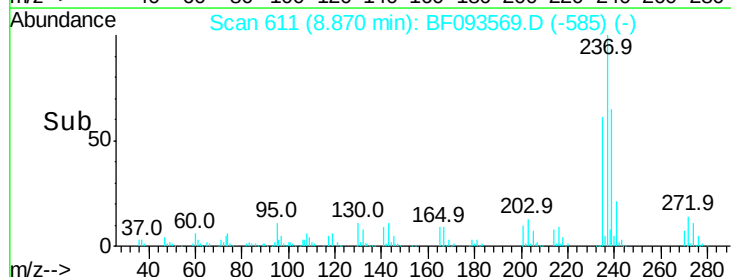
272 13.9 0.0 35.4

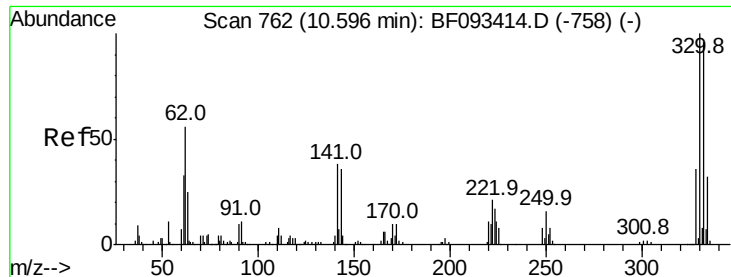


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

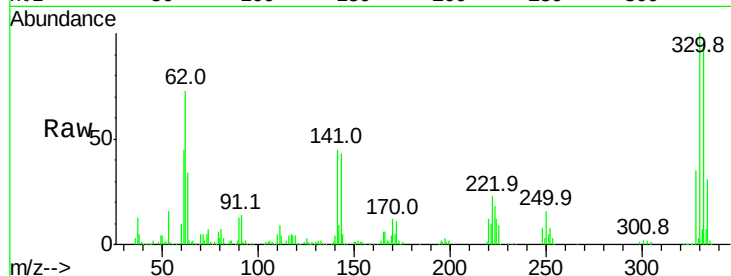




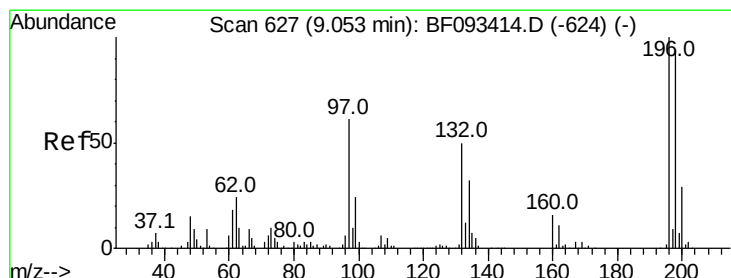
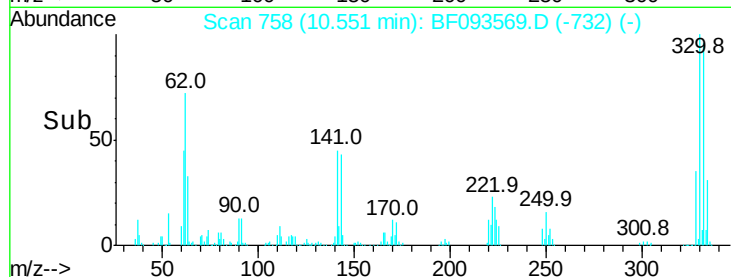
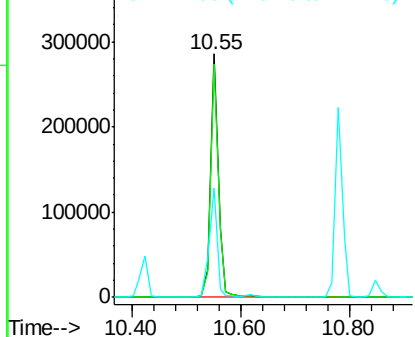
#41
 2,4,6-Tribromophenol
 Concen: 129.57 ng
 RT: 10.55 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 289534
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 45.4 34.1 51.1

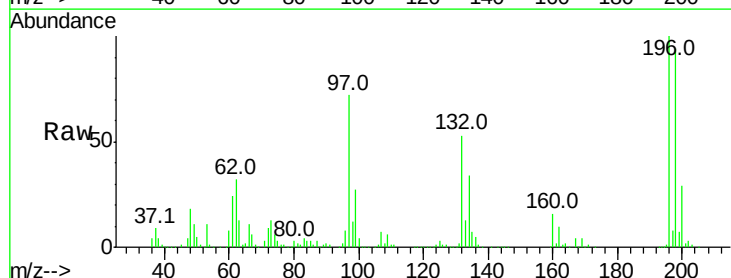


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

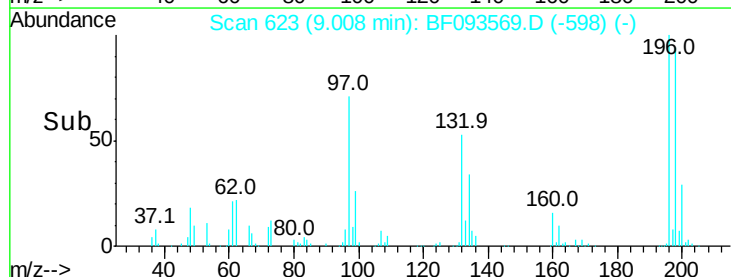
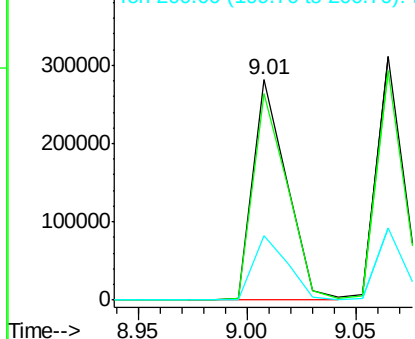


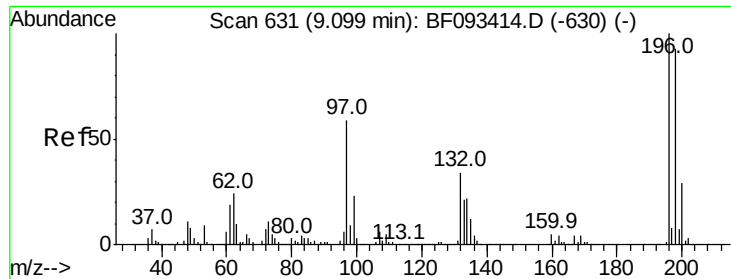
#42
 2,4,6-Trichlorophenol
 Concen: 51.87 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

Tgt Ion:196 Resp: 303518
 Ion Ratio Lower Upper
 196 100
 198 93.8 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

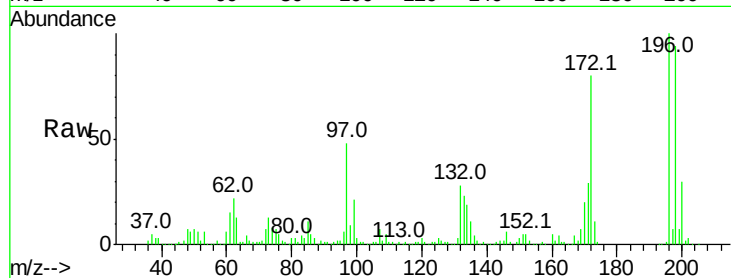




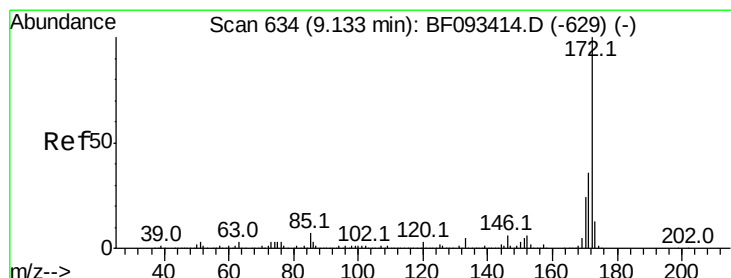
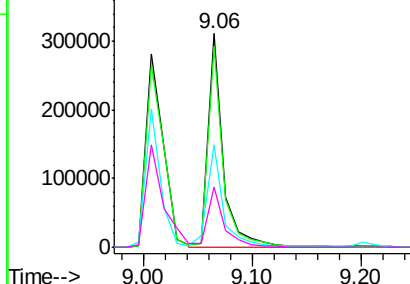
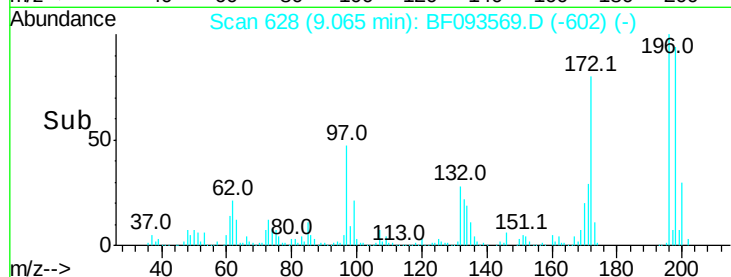
#43
 2,4,5-Trichlorophenol
 Concen: 47.68 ng
 RT: 9.06 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 299340
 Ion Ratio Lower Upper
 196 100
 198 94.1 79.4 119.2
 97 47.7 51.5 77.3#
 132 28.3 27.4 41.2

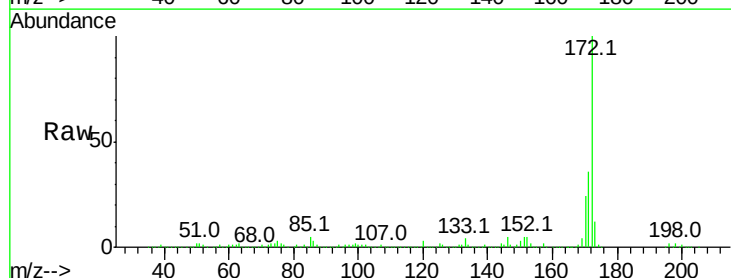


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

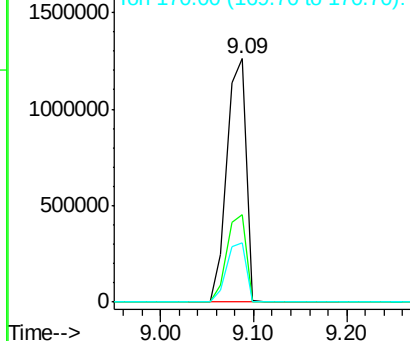
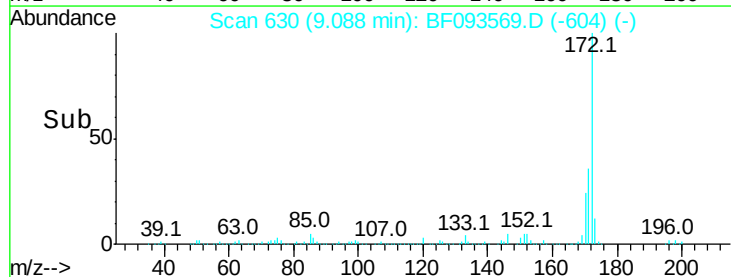


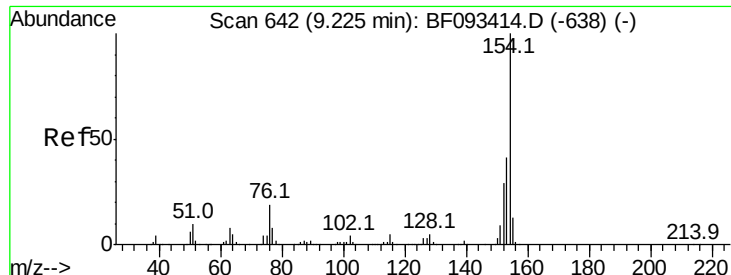
#44
 2-Fluorobiphenyl
 Concen: 99.17 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

Tgt Ion:172 Resp: 1828720
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.1 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: 45.61 ng

RT: 9.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

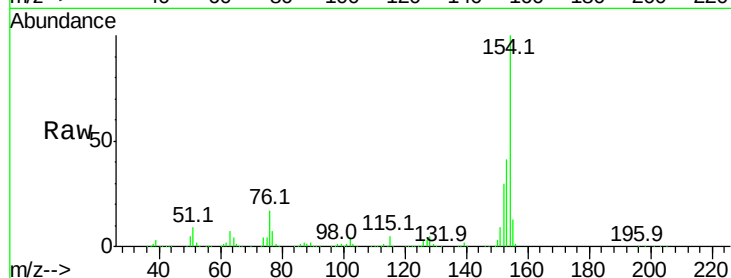
Tot Ion:154 Resp: 1139662

Ion Ratio Lower Upper

154 100

153 41.5 20.9 60.9

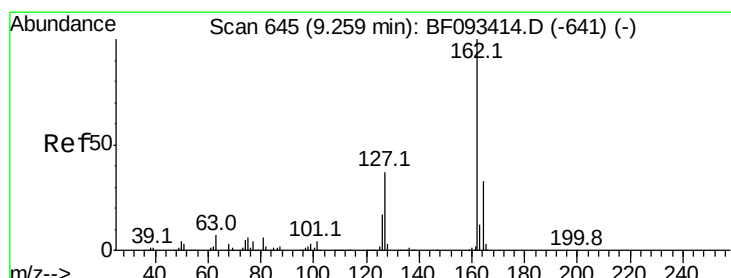
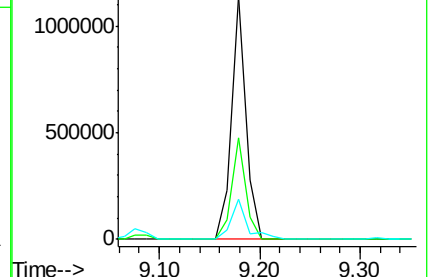
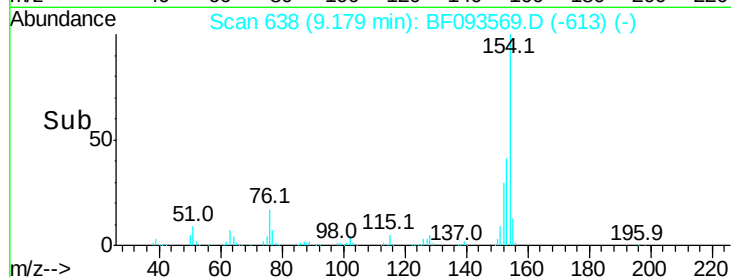
76 16.6 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 48.21 ng

RT: 9.20 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

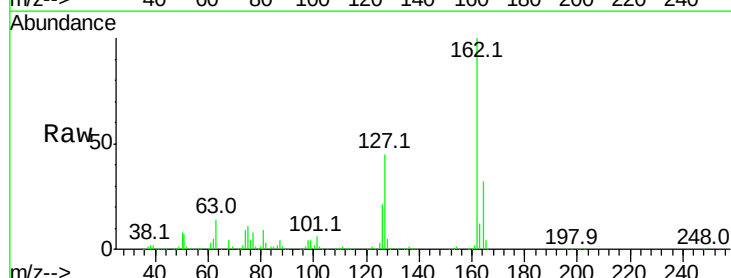
Tgt Ion:162 Resp: 922025

Ion Ratio Lower Upper

162 100

127 44.5 30.7 46.1

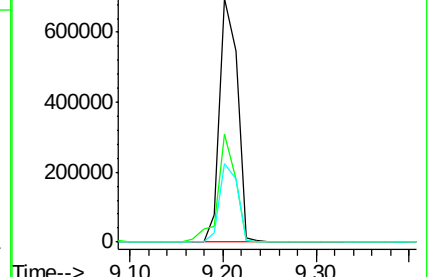
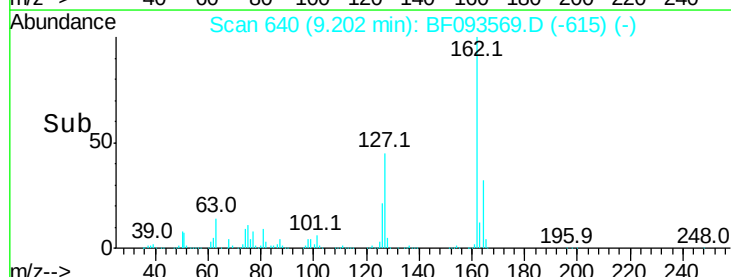
164 32.3 27.6 41.4

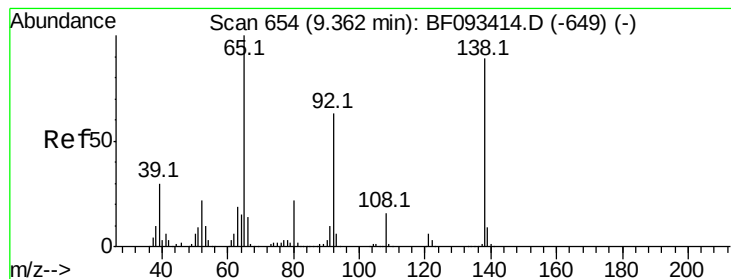


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 52.93 ng

RT: 9.32 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

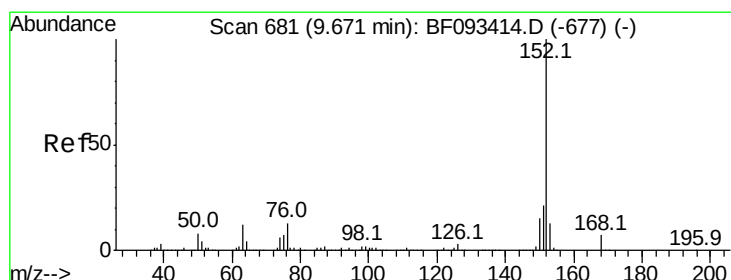
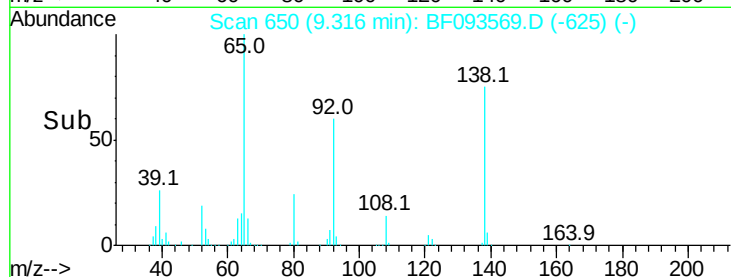
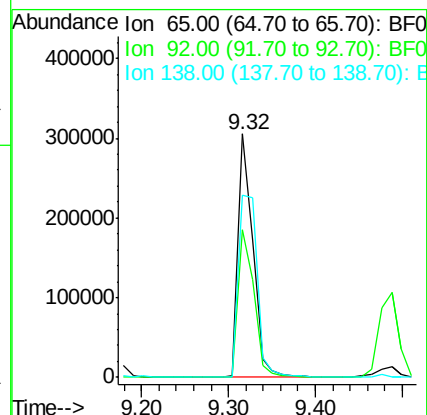
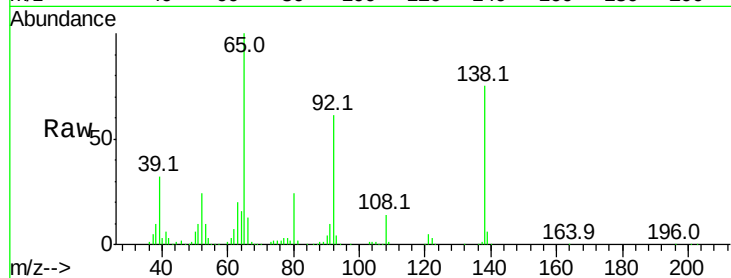
Tot Ion: 65 Resp: 357847

Ion Ratio Lower Upper

65 100

92 60.7 53.9 80.9

138 74.7 76.8 115.2#



#48

Acenaphthylene

Concen: 45.42 ng

RT: 9.61 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

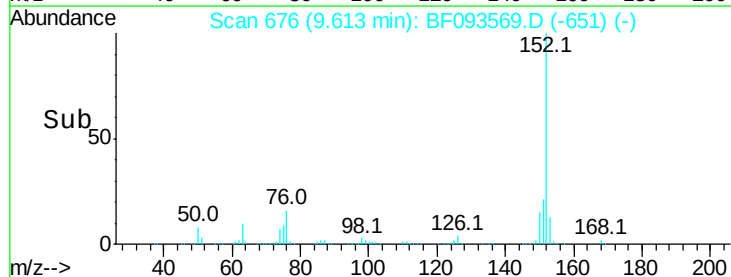
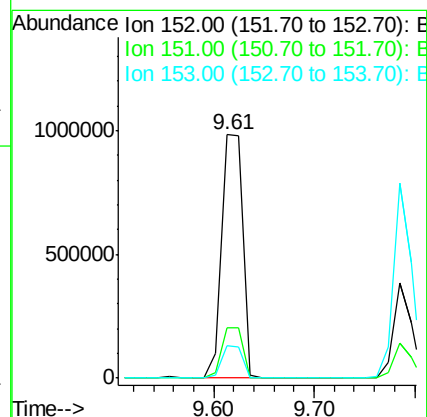
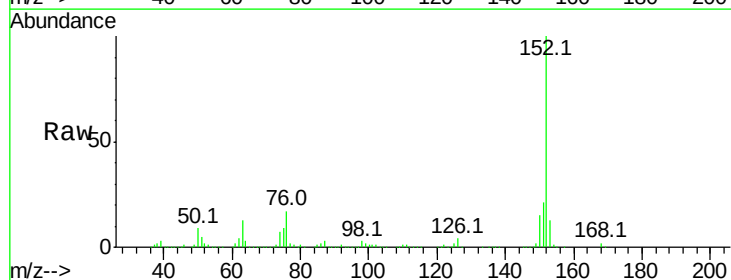
Tgt Ion: 152 Resp: 1432688

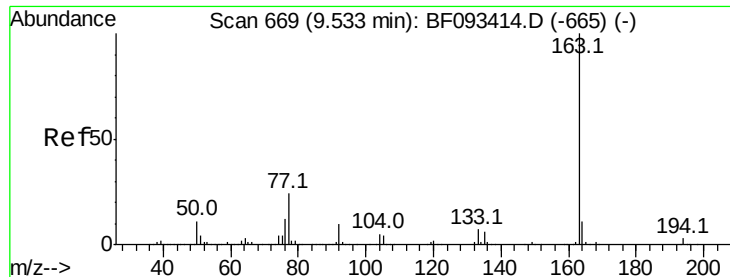
Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

153 13.5 11.4 17.2

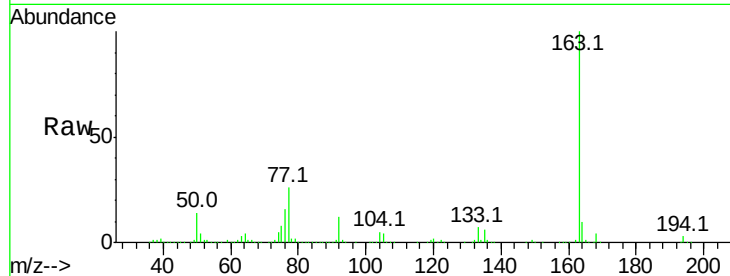




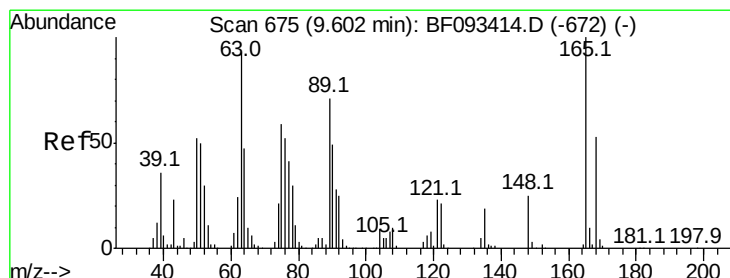
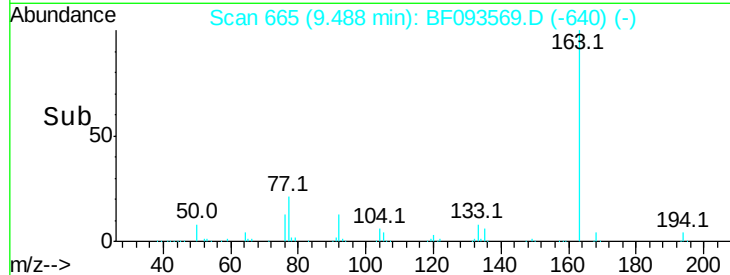
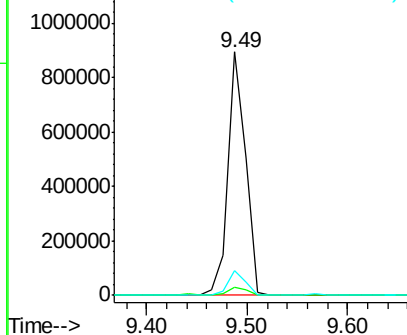
#49
Dimethylphthalate
Concen: 47.65 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1083526
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.4 8.0 12.0

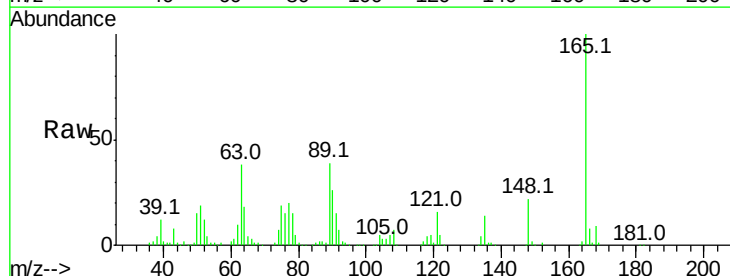


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

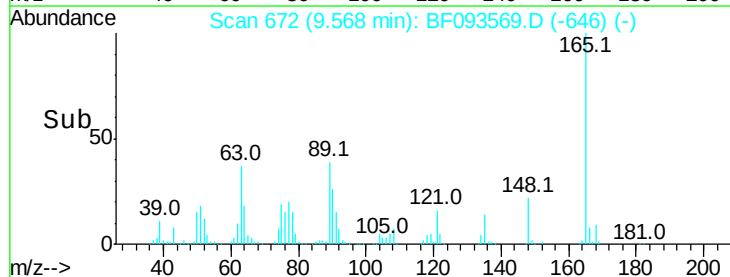
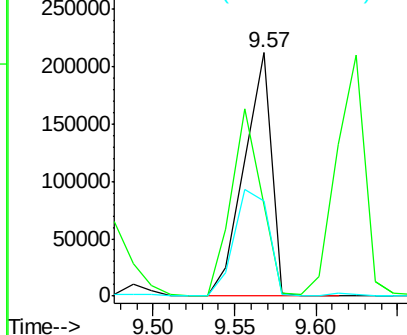


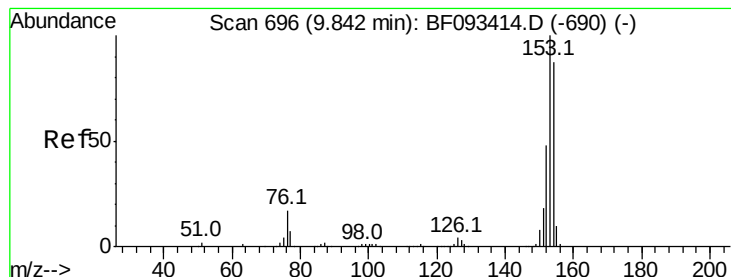
#50
2,6-Dinitrotoluene
Concen: 49.24 ng
RT: 9.57 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

Tgt Ion:165 Resp: 245654
Ion Ratio Lower Upper
165 100
63 37.6 36.2 54.4
89 38.9 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: 44.57 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :

BNA_F

ClientSampled :

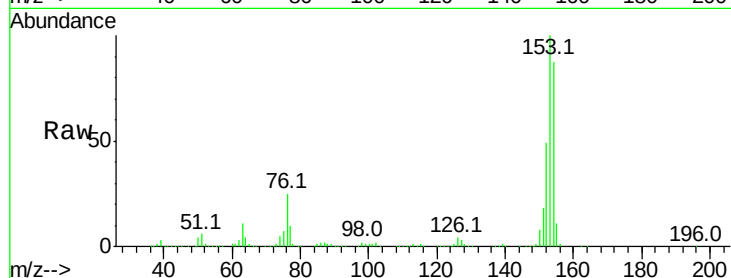
Tot Ion:154 Resp: 831239

Ion Ratio Lower Upper

154 100

153 115.5 88.6 133.0

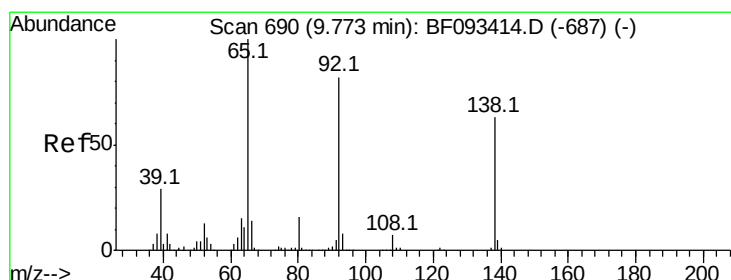
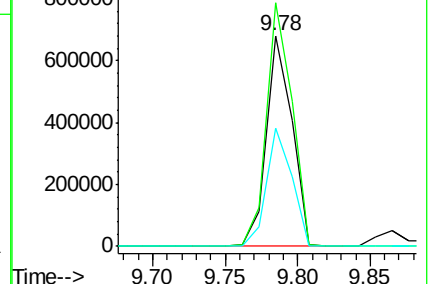
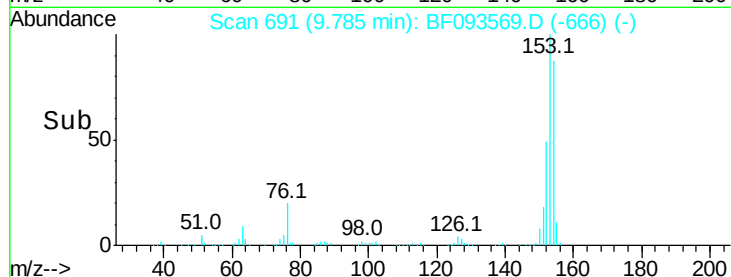
152 56.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.21 ng

RT: 9.74 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

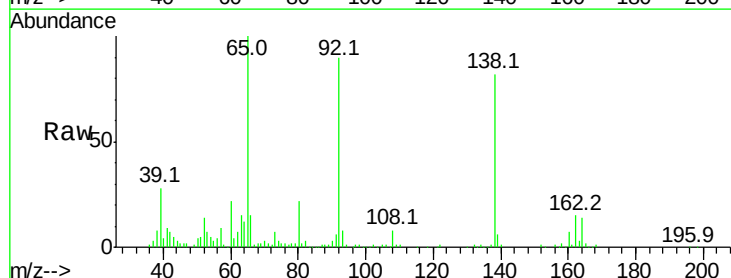
Tgt Ion:138 Resp: 151087

Ion Ratio Lower Upper

138 100

108 9.6 8.5 12.7

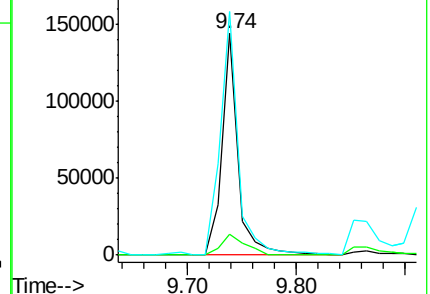
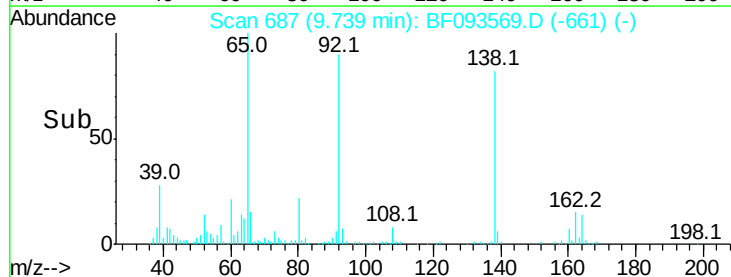
92 109.8 97.8 146.8

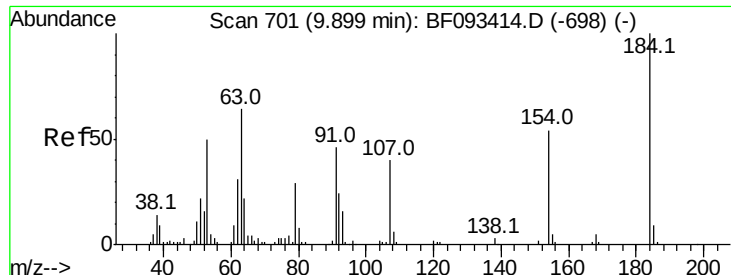


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

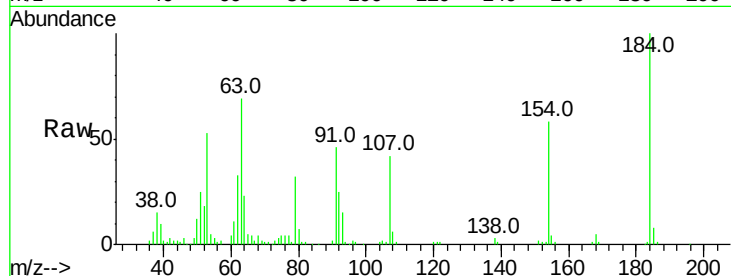




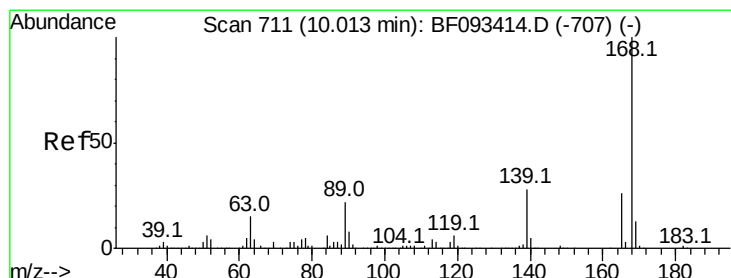
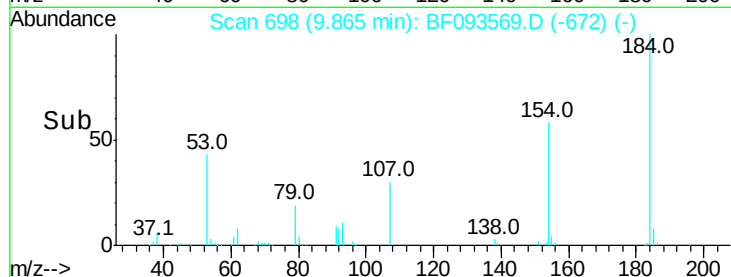
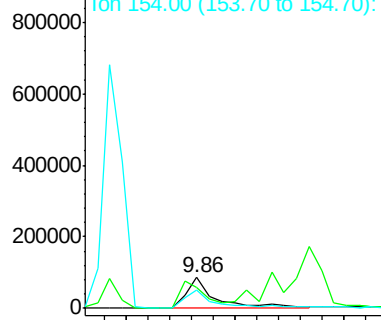
#53
 2,4-Dinitrophenol
 Concen: 72.66 ng
 RT: 9.86 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 165094
 Ion Ratio Lower Upper
 184 100
 63 68.6 28.4 42.6#
 154 58.4 44.3 66.5

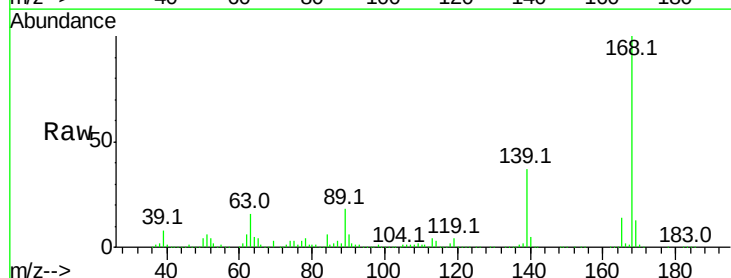


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

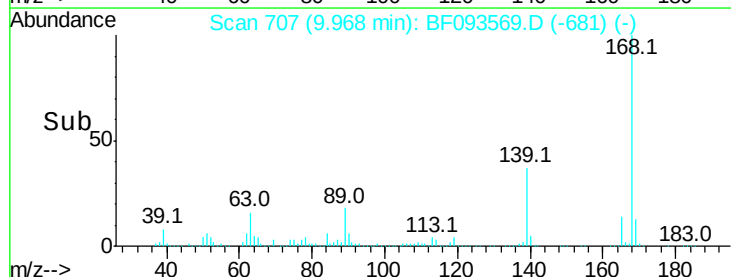
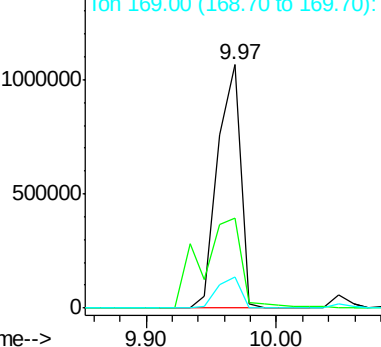


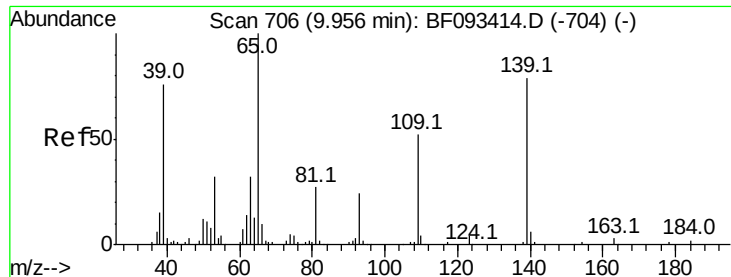
#54
 Dibenzofuran
 Concen: 55.82 ng
 RT: 9.97 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

Tgt Ion:168 Resp: 1303076
 Ion Ratio Lower Upper
 168 100
 139 36.9 32.6 49.0
 169 13.0 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: 298.51 ng

RT: 9.97 min Scan# 707

Delta R.T. 0.03 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

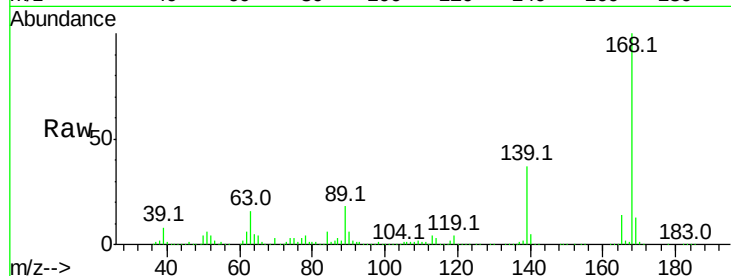
Tot Ion:139 Resp: 869096

Ion Ratio Lower Upper

139 100

109 5.7 52.2 92.2#

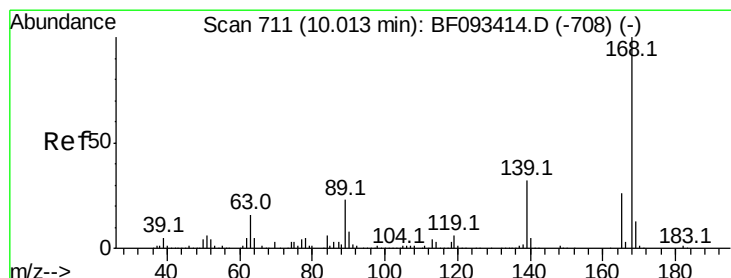
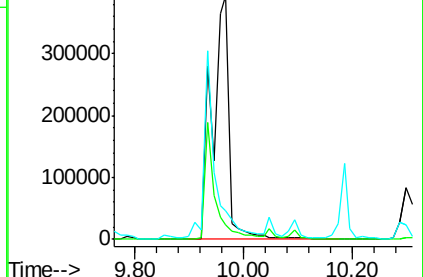
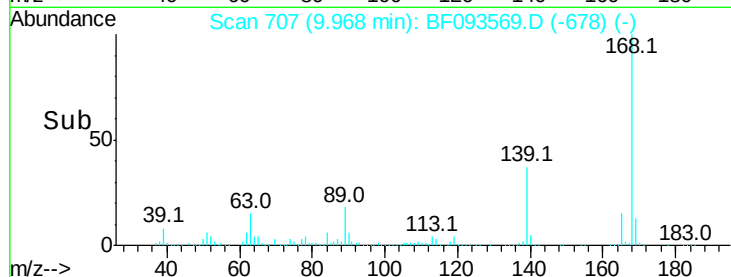
65 11.6 85.8 125.8#



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: 52.83 ng

RT: 9.98 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Tgt Ion:165 Resp: 323818

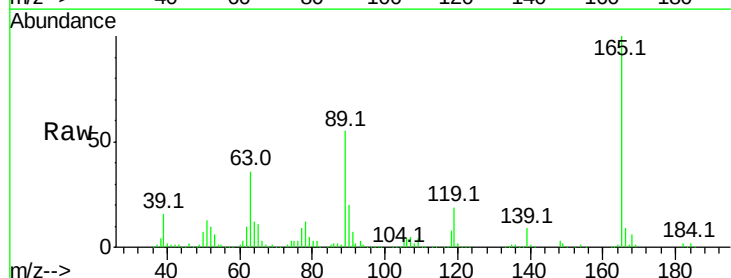
Ion Ratio Lower Upper

165 100

63 35.8 40.2 60.4#

89 54.8 62.5 93.7#

182 2.2 1.8 2.8

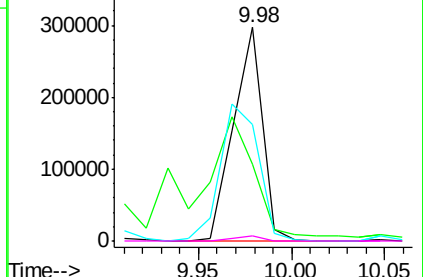
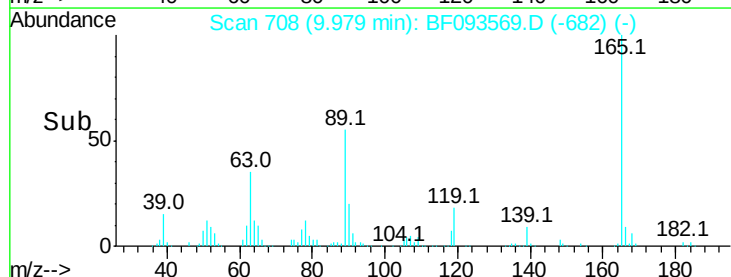


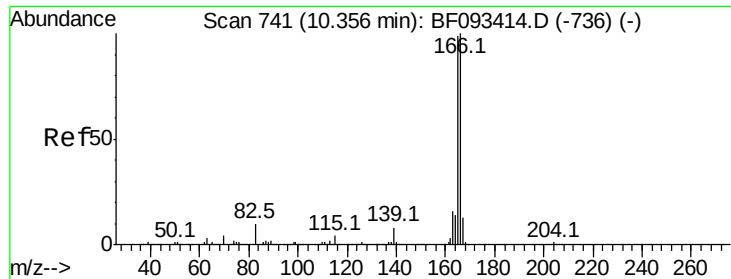
Abundance Ion 165.00 (164.70 to 165.70): E

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

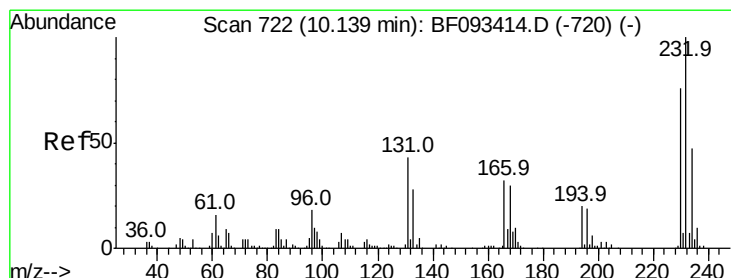
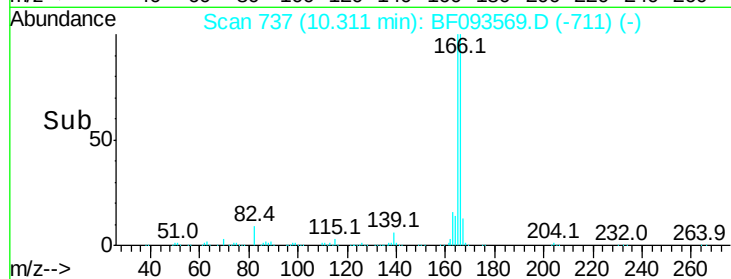
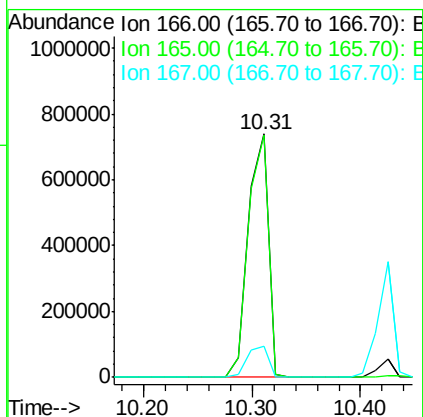
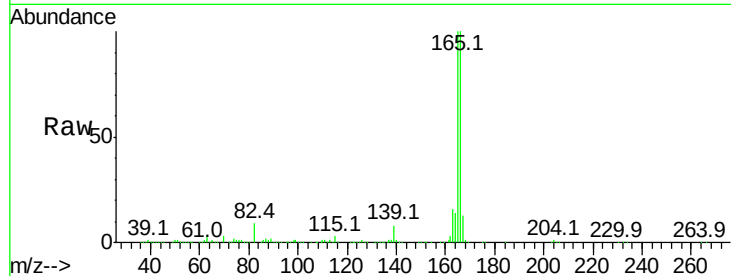




#57
 Fluorene
 Concen: 48.38 ng
 RT: 10.31 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

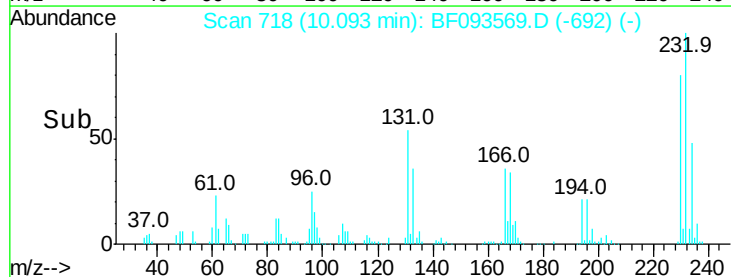
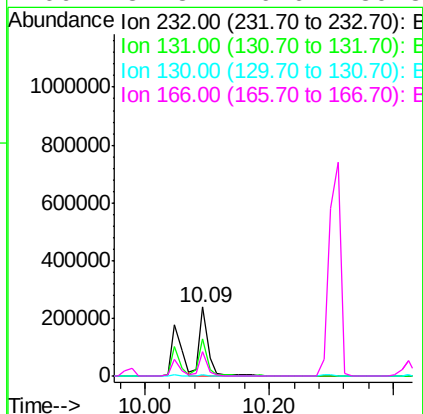
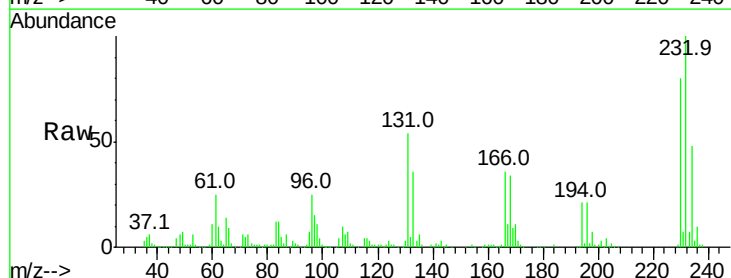
Instrument :
 BNA_F
 ClientSampleId :

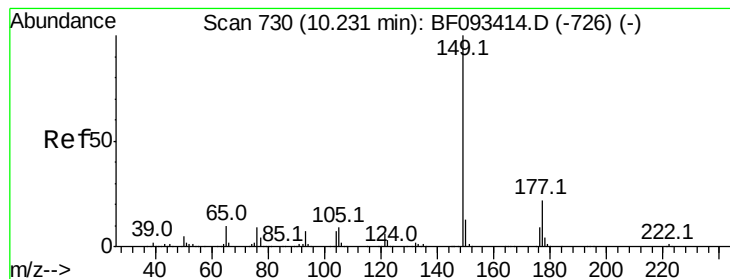
Tot Ion:166 Resp: 957030
 Ion Ratio Lower Upper
 166 100
 165 99.6 77.8 116.8
 167 13.0 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.95 ng
 RT: 10.09 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

Tgt Ion:232 Resp: 247917
 Ion Ratio Lower Upper
 232 100
 131 50.0 40.1 60.1
 130 2.6 1.8 2.8
 166 31.8 26.6 39.8





#59

Diethylphthalate

Concen: 45.88 ng

RT: 10.18 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :

BNA_F

ClientSampled :

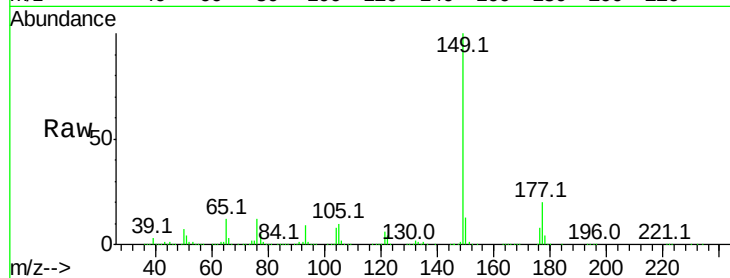
Tot Ion:149 Resp: 997010

Ion Ratio Lower Upper

149 100

177 20.4 16.6 25.0

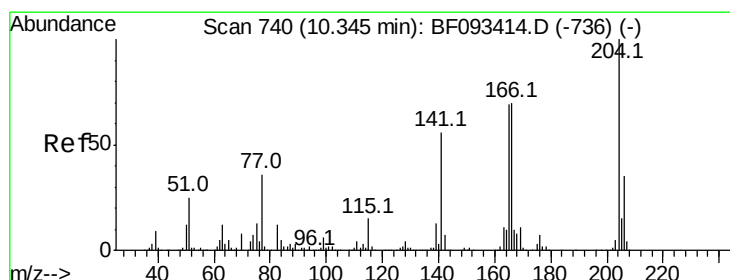
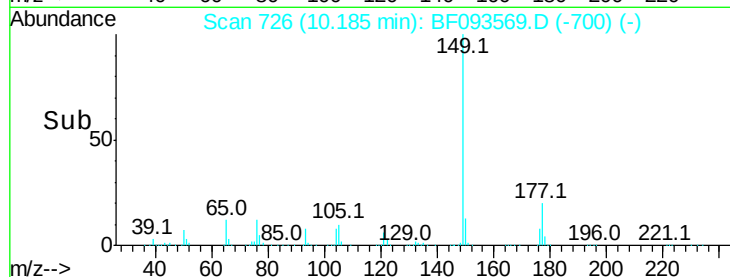
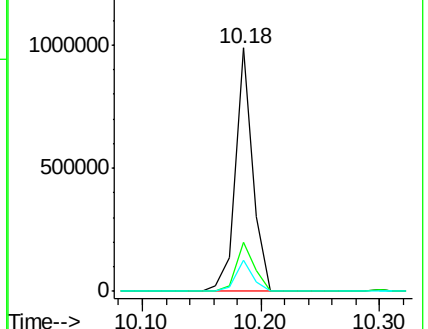
150 12.6 10.4 15.6



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: 52.24 ng

RT: 10.30 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

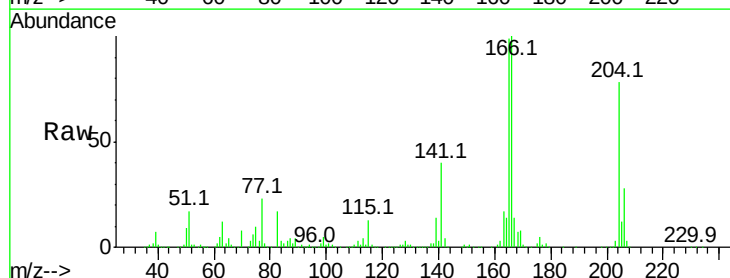
Tgt Ion:204 Resp: 463191

Ion Ratio Lower Upper

204 100

206 35.4 25.8 38.6

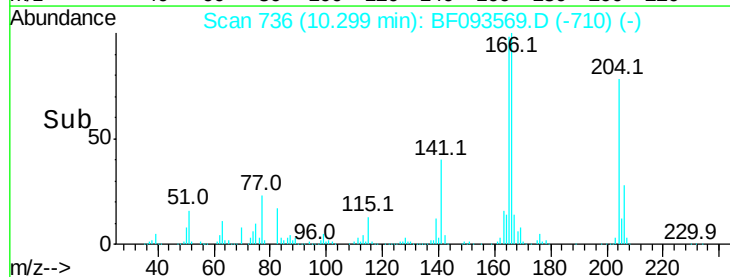
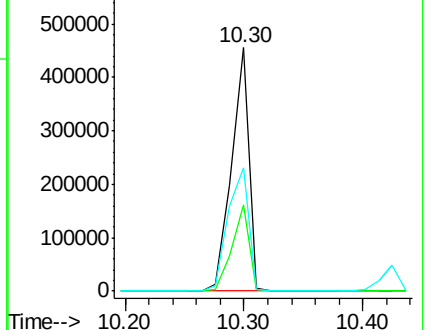
141 50.5 59.4 89.0#

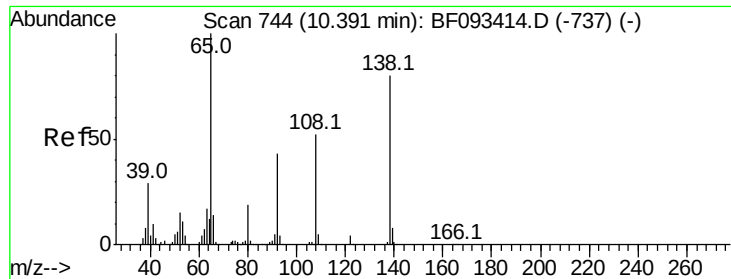


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

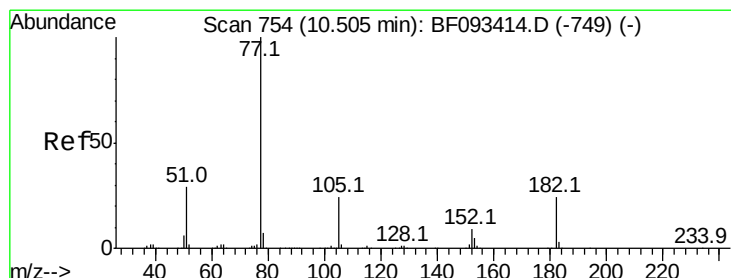
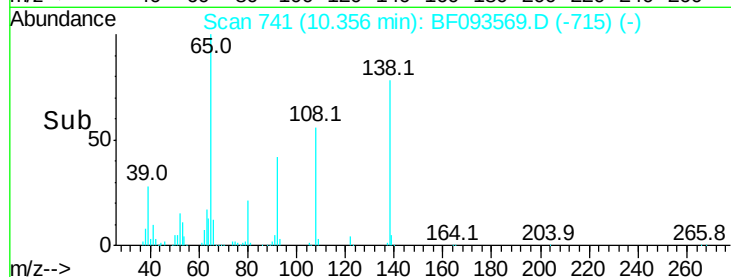
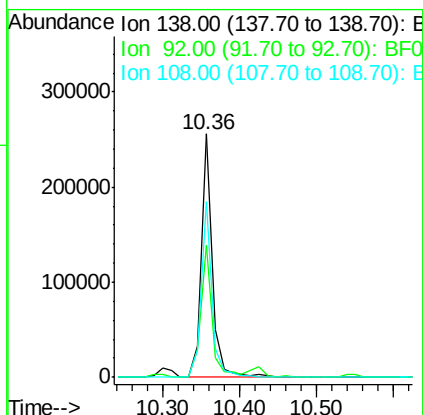
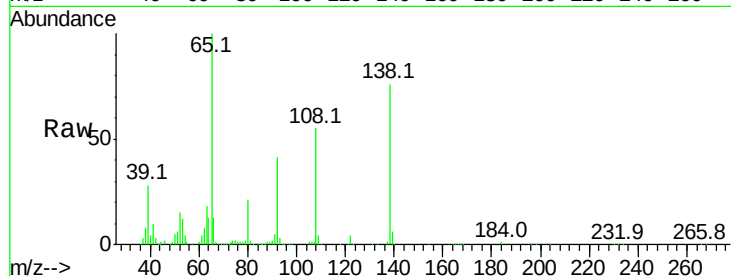




#61
4-Nitroaniline
Concen: 40.89 ng
RT: 10.36 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

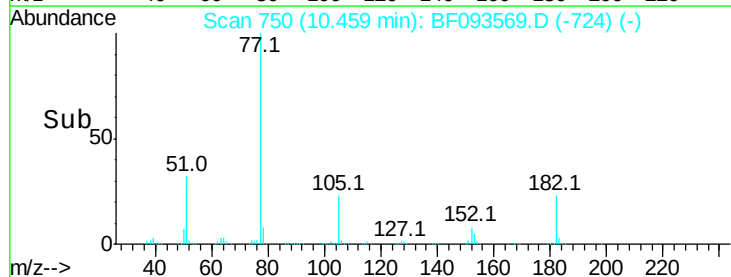
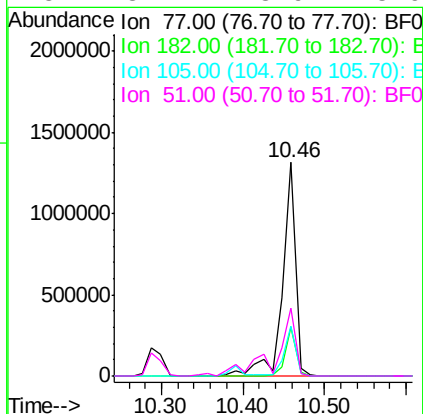
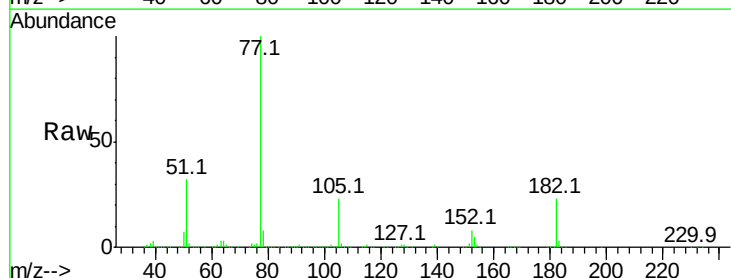
Instrument :
BNA_F
ClientSampleId :

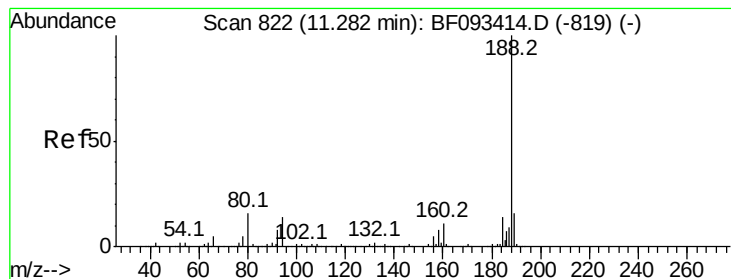
Tot Ion:138 Resp: 250655
Ion Ratio Lower Upper
138 100
92 54.1 31.7 71.7
108 72.4 52.6 92.6



#62
Azobenzene
Concen: 58.63 ng
RT: 10.46 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

Tgt Ion: 77 Resp: 1447870
Ion Ratio Lower Upper
77 100
182 22.8 0.0 39.3
105 23.2 2.3 42.3
51 32.1 8.9 48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

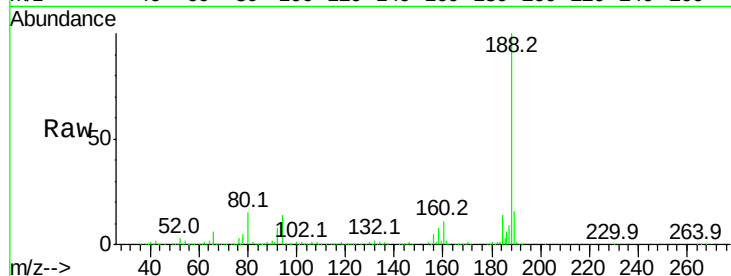
Tot Ion:188 Resp: 609821

Ion Ratio Lower Upper

188 100

94 14.3 10.0 15.0

80 15.3 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

800000

600000

400000

200000

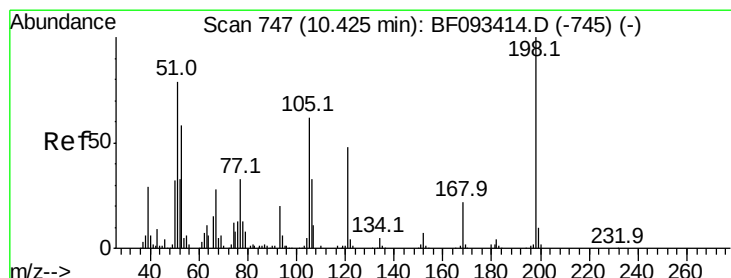
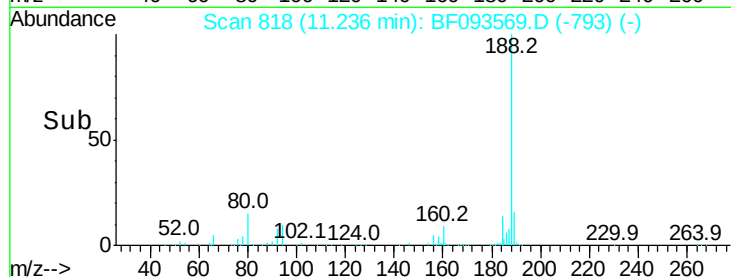
0

11.20

11.24

11.30

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 39.87 ng

RT: 10.39 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

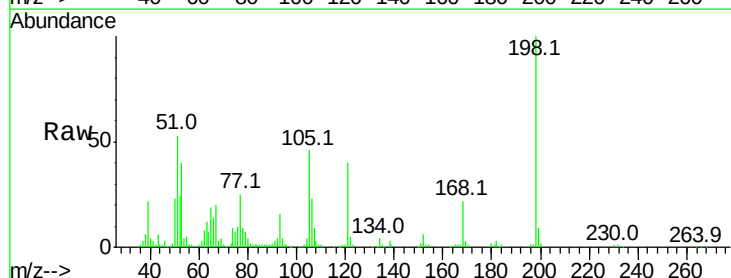
Tgt Ion:198 Resp: 157536

Ion Ratio Lower Upper

198 100

51 53.2 6.7 46.7#

105 45.8 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

500000

400000

300000

200000

100000

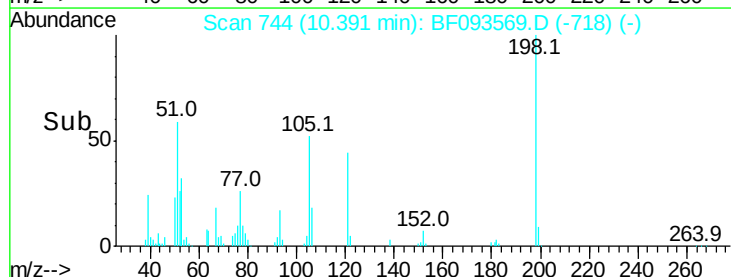
0

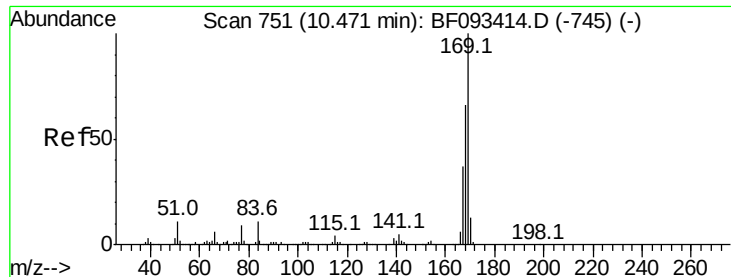
10.20

10.39

10.60

Time-->





#65

n-Nitrosodiphenylamine

Concen: 44.85 ng

RT: 10.42 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

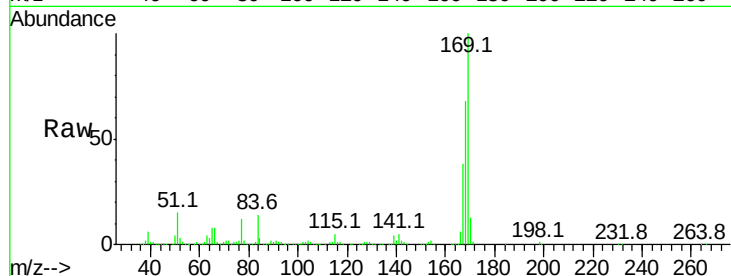
Tot Ion:169 Resp: 913219

Ion Ratio Lower Upper

169 100

168 68.1 54.2 81.2

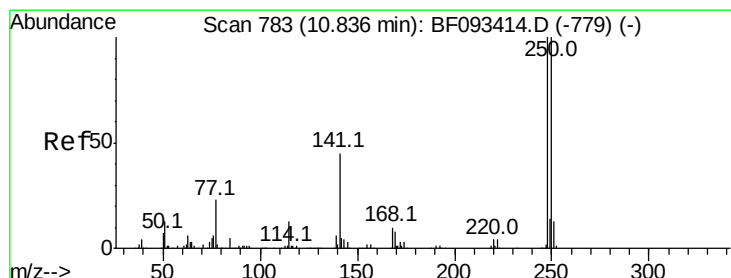
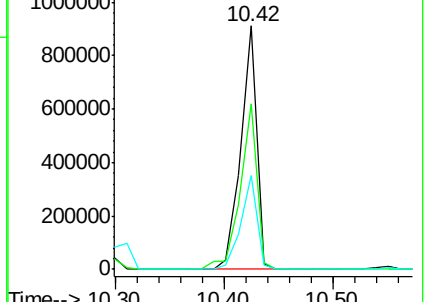
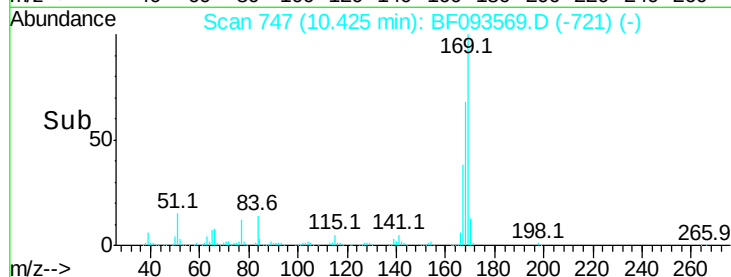
167 38.4 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.51 ng

RT: 10.78 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

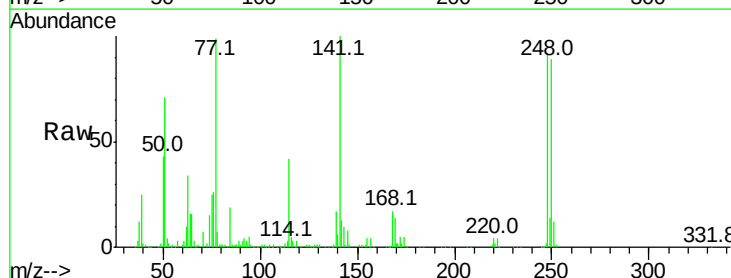
Tgt Ion:248 Resp: 261251

Ion Ratio Lower Upper

248 100

250 96.6 76.9 115.3

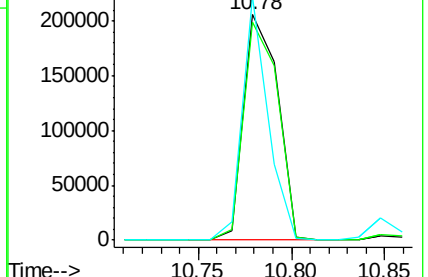
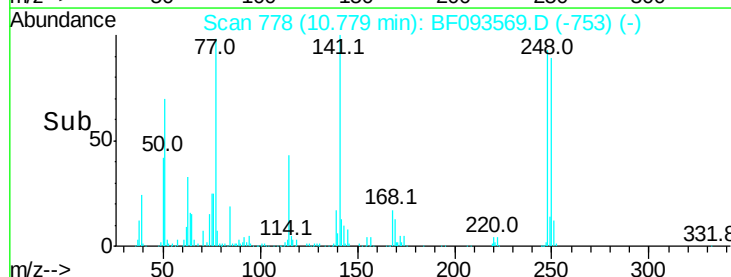
141 108.1 68.2 102.4#

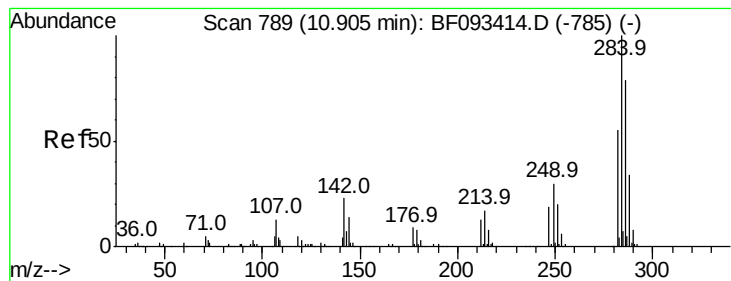


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.10 ng

RT: 10.86 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :

BNA_F

ClientSampled :

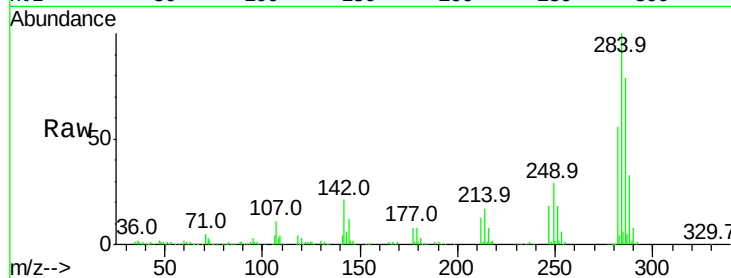
Tot Ion:284 Resp: 253086

Ion Ratio Lower Upper

284 100

142 20.7 22.6 33.8#

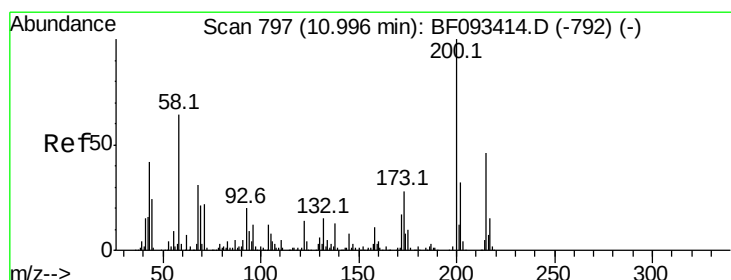
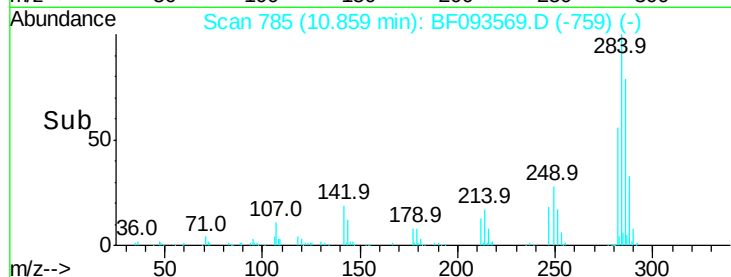
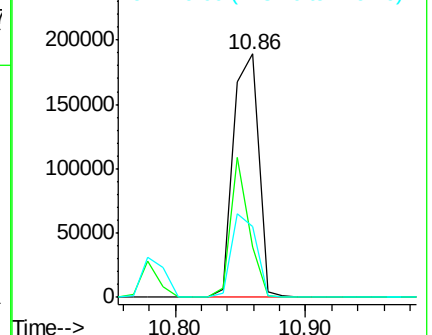
249 29.0 25.4 38.0



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: 41.89 ng

RT: 10.95 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

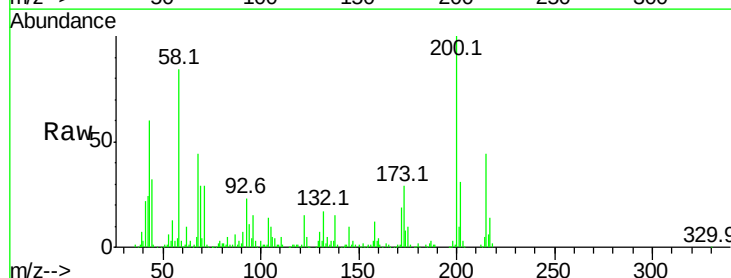
Tgt Ion:200 Resp: 249668

Ion Ratio Lower Upper

200 100

173 29.1 9.6 49.6

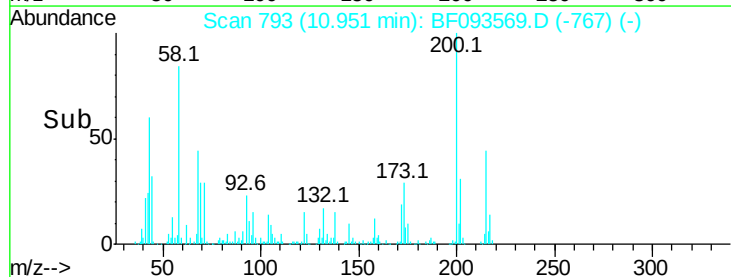
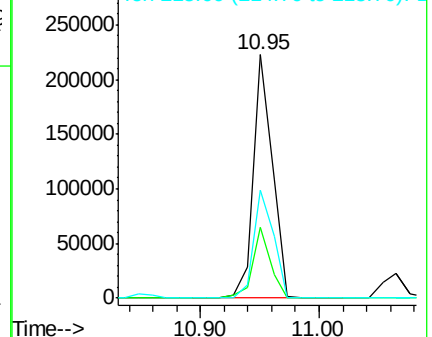
215 44.4 25.7 65.7

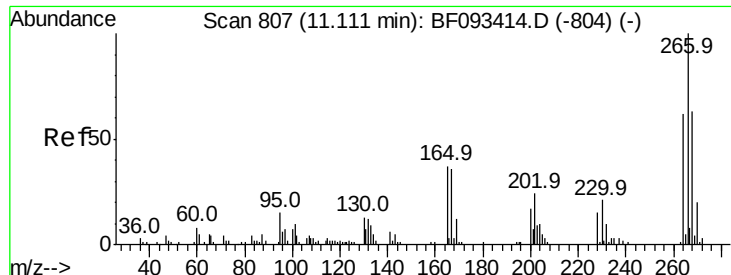


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

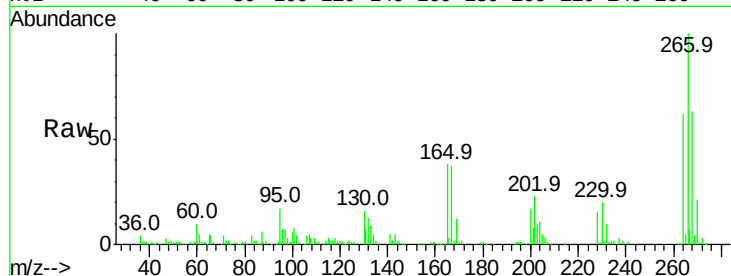




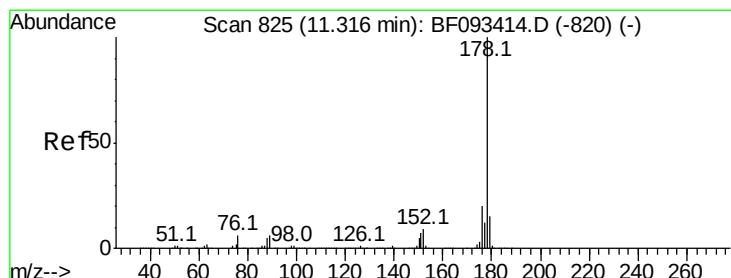
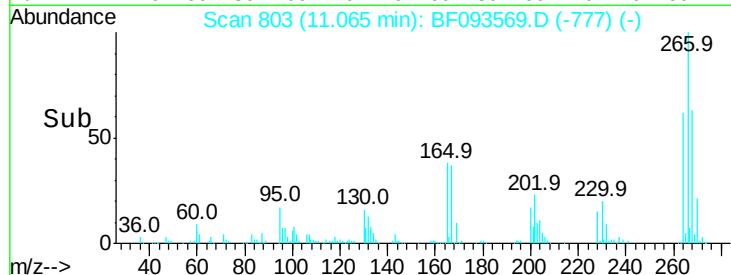
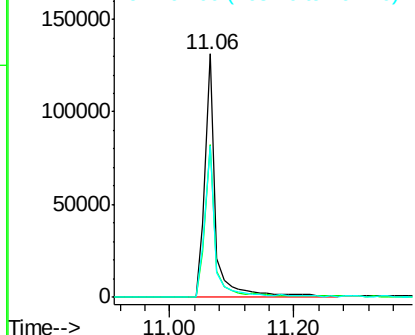
#69
 Pentachlorophenol
 Concen: 75.72 ng
 RT: 11.06 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 160981
 Ion Ratio Lower Upper
 266 100
 268 62.8 53.3 79.9
 264 62.2 50.3 75.5

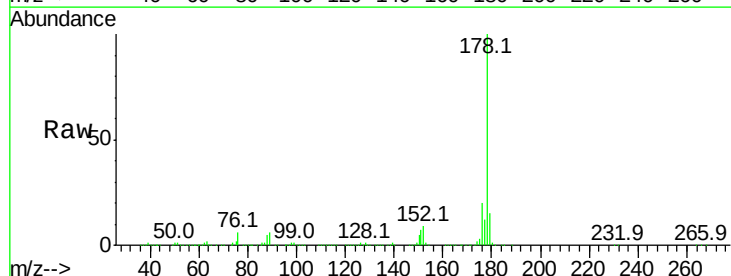


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

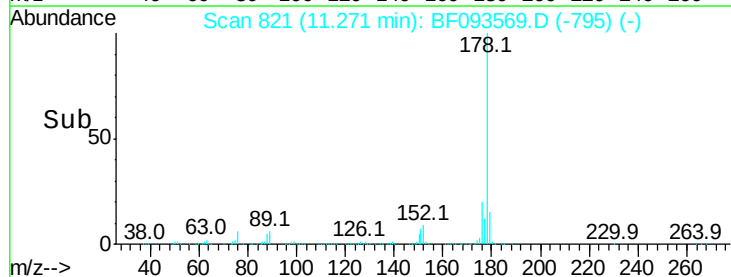
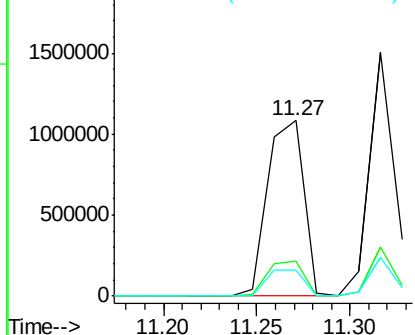


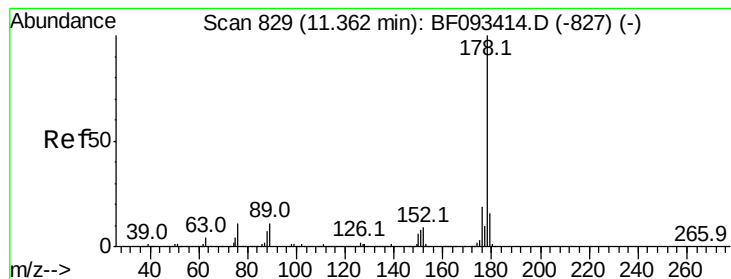
#70
 Phenanthrene
 Concen: 42.08 ng
 RT: 11.27 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

Tgt Ion:178 Resp: 1464816
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.2 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: 39.93 ng

RT: 11.32 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

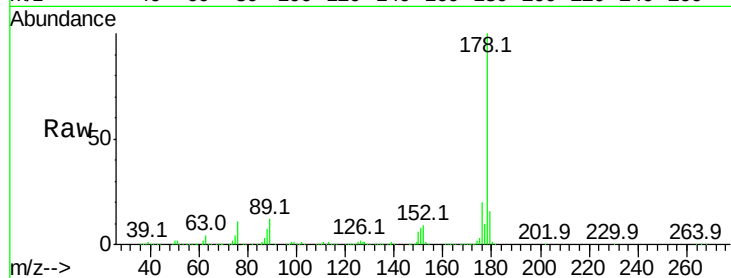
Tot Ion:178 Resp: 1405885

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

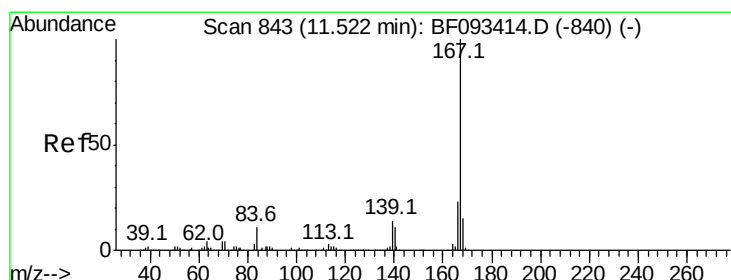
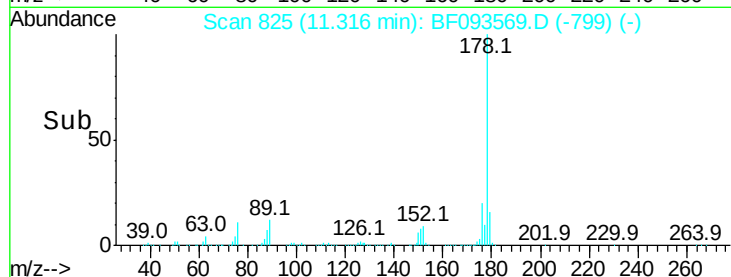
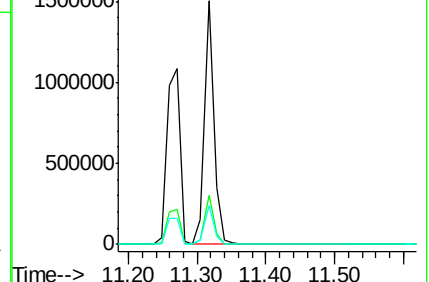
179 16.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.31 ng

RT: 11.48 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

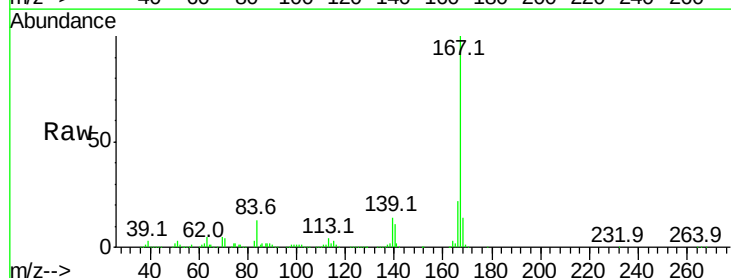
Tgt Ion:167 Resp: 1333537

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

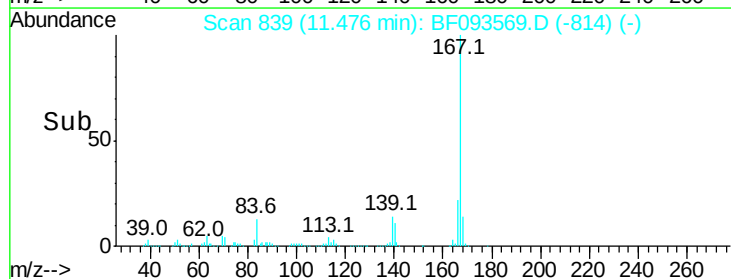
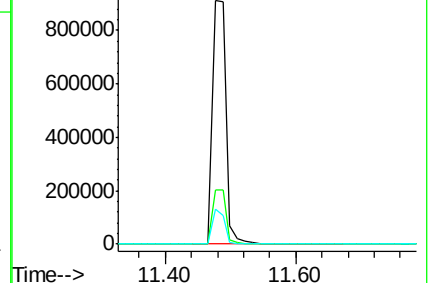
139 14.3 11.4 17.2

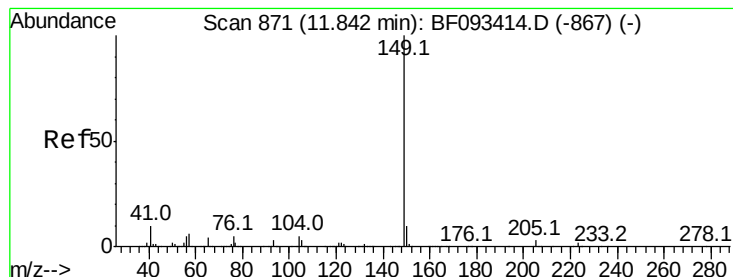


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.10 ng

RT: 11.81 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

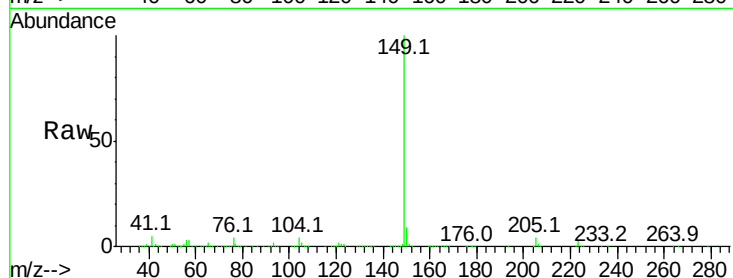
Tot Ion:149 Resp: 1725849

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

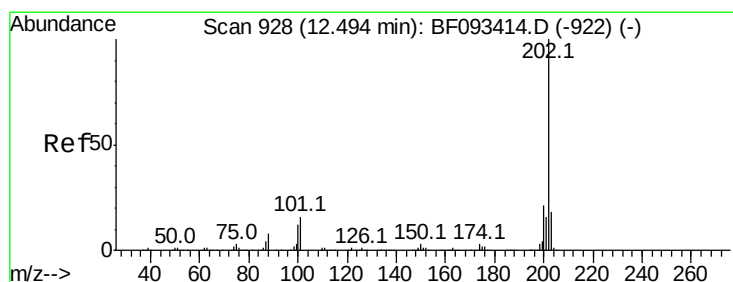
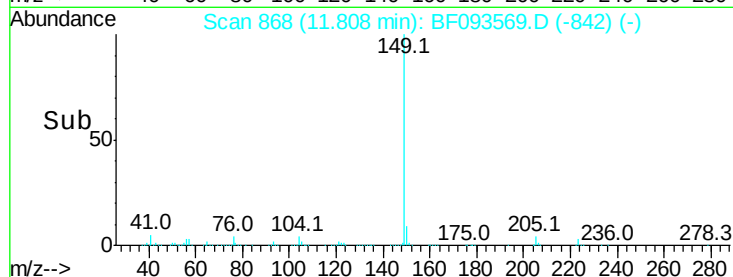
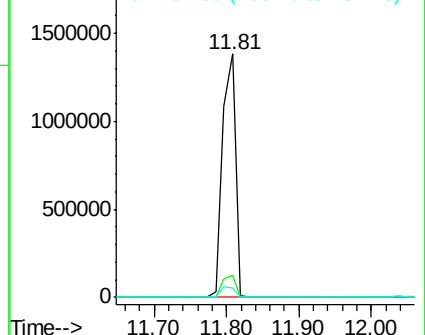
104 4.0 4.6 7.0#



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: 41.47 ng

RT: 12.45 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

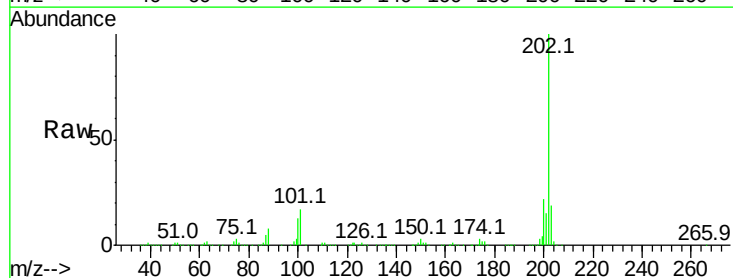
Tgt Ion:202 Resp: 1394190

Ion Ratio Lower Upper

202 100

101 16.9 0.0 34.6

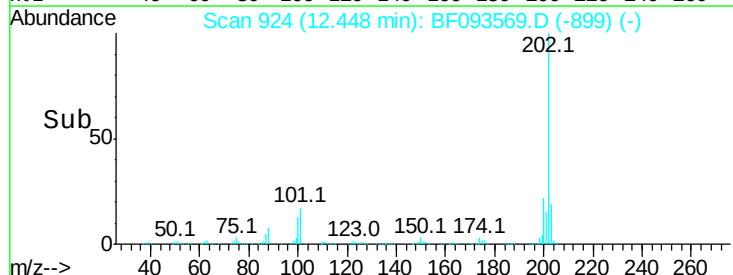
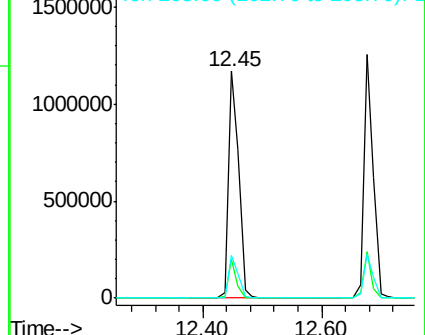
203 18.6 0.0 38.7

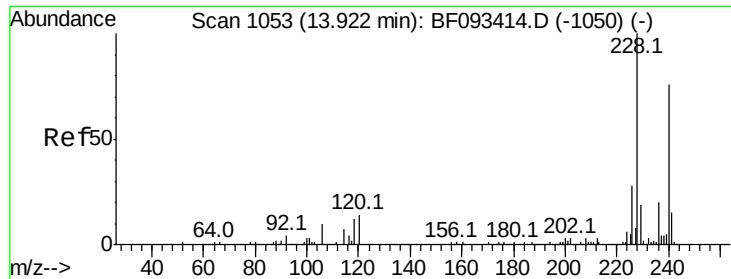


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :

BNA_F

ClientSampled :

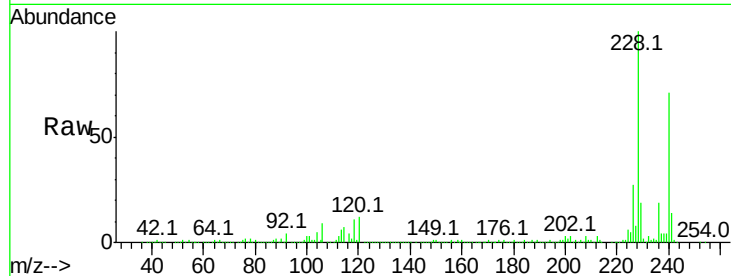
Tot Ion:240 Resp: 453024

Ion Ratio Lower Upper

240 100

120 17.4 12.9 19.3

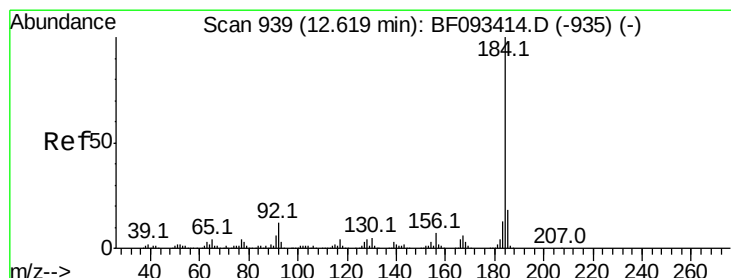
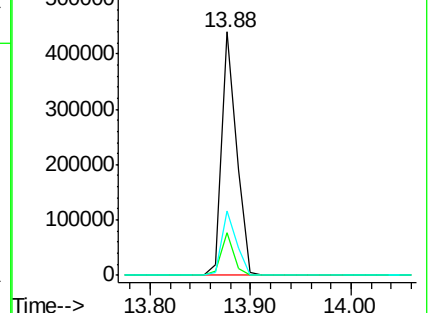
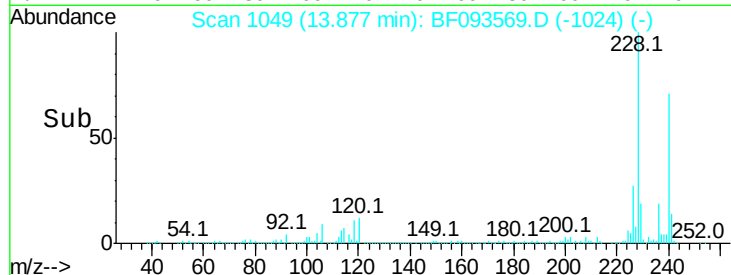
236 26.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.95 ng

RT: 12.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

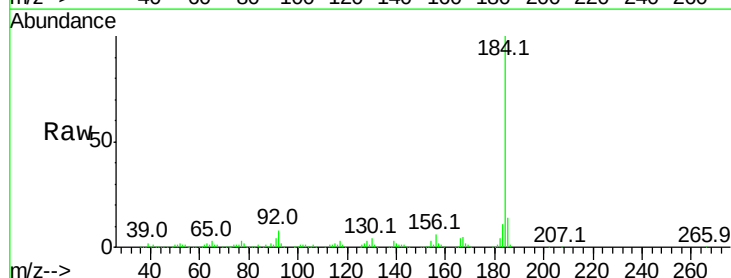
Tgt Ion:184 Resp: 386518

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.0

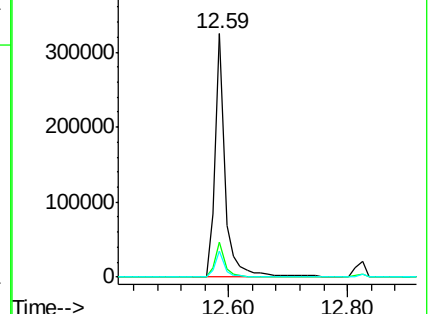
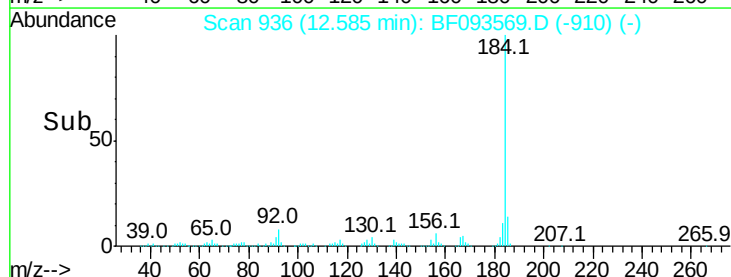
183 10.8 9.2 13.8

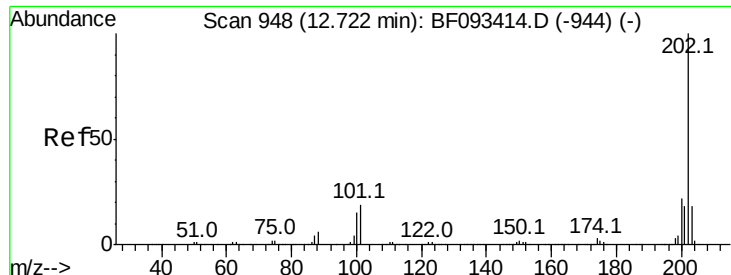


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

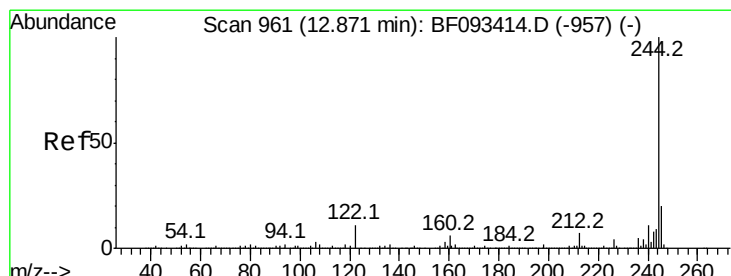
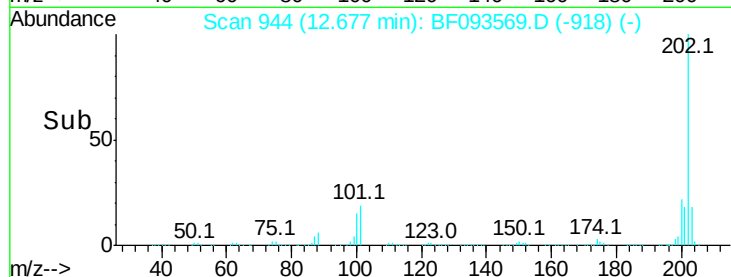
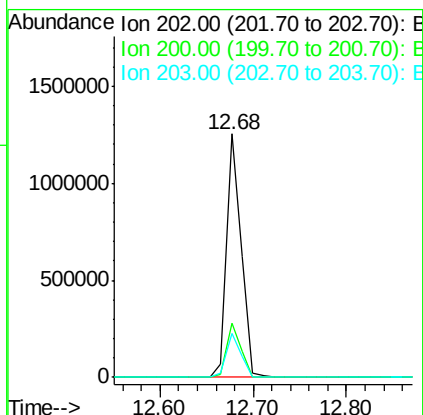
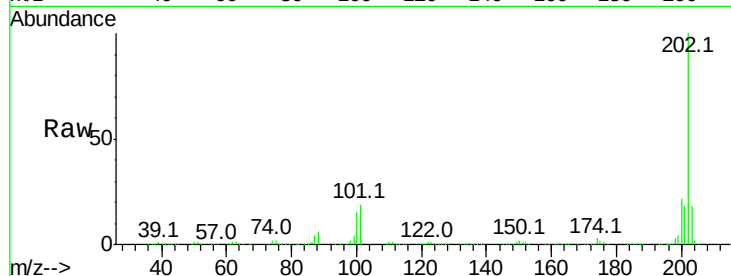




#77
 Pvrene
 Concen: 41.23 ng
 RT: 12.68 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

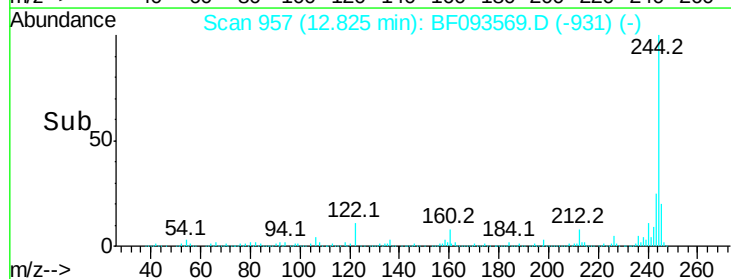
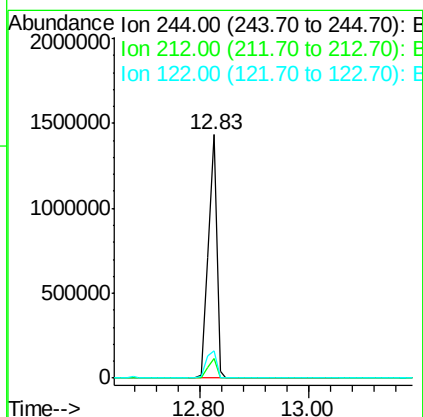
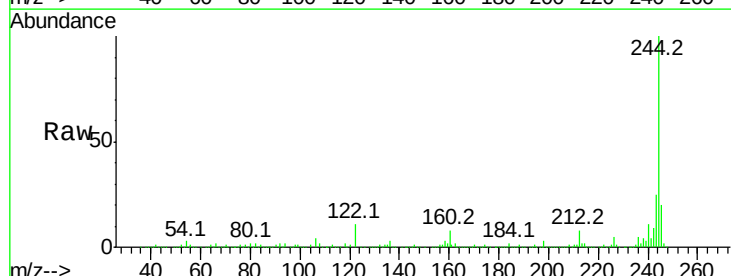
Instrument :
 BNA_F
 ClientSampleId :

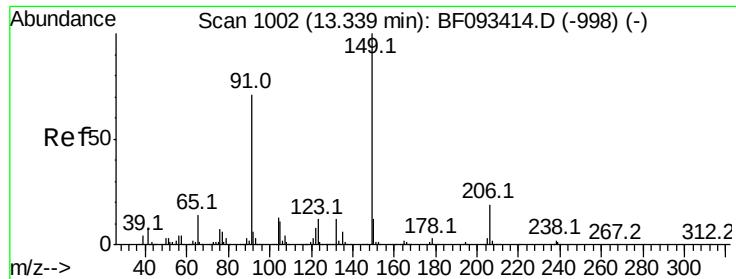
Tot Ion:202 Resp: 1358505
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.7 26.5
 203 18.3 14.7 22.1



#78
 Terphenyl-d14
 Concen: 87.73 ng
 RT: 12.83 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

Tgt Ion:244 Resp: 1528602
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 11.3 11.4 17.2#

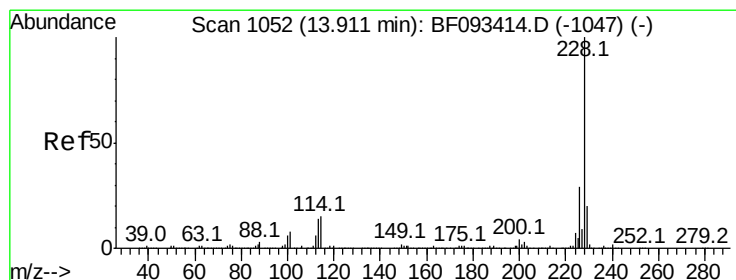
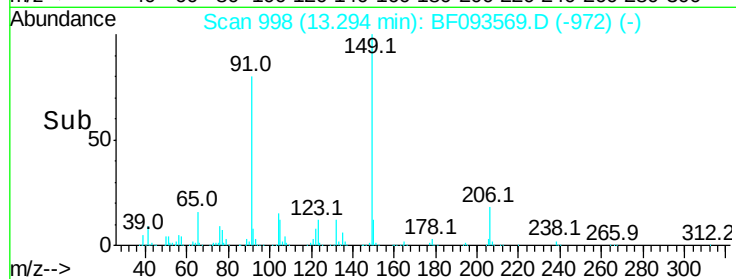
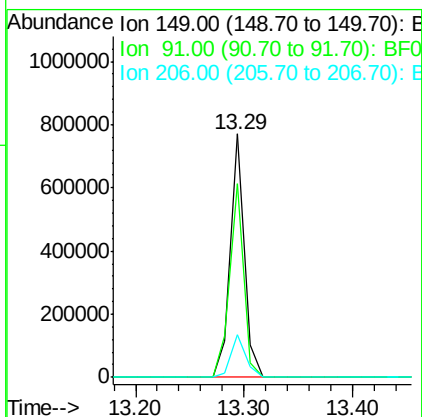
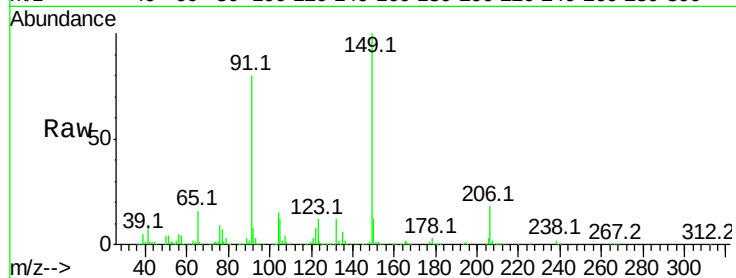




#79
Butylbenzylphthalate
Concen: 49.28 ng
RT: 13.29 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

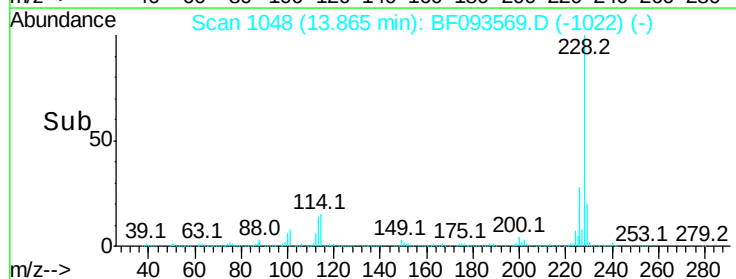
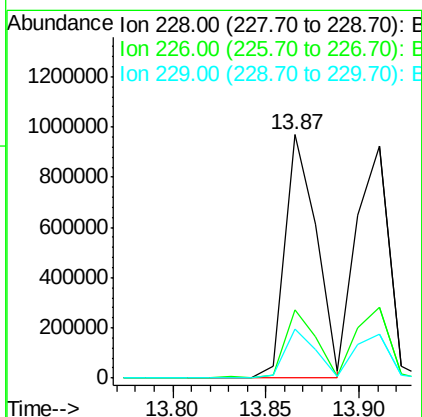
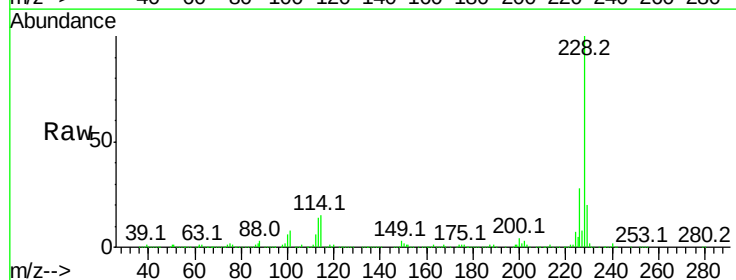
Instrument :
BNA_F
ClientSampleId :

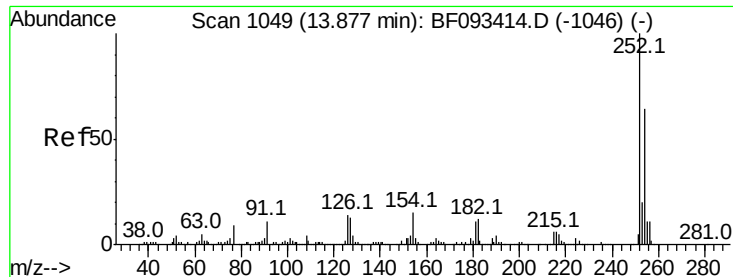
Tot Ion:149 Resp: 683477
Ion Ratio Lower Upper
149 100
91 79.7 63.9 95.9
206 17.6 14.6 21.8



#80
Benzo(a)anthracene
Concen: 42.61 ng
RT: 13.87 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

Tgt Ion:228 Resp: 1139962
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 20.0 16.2 24.4





#81

3,3'-Dichlorobenzidine

Concen: 27.85 ng

RT: 13.83 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

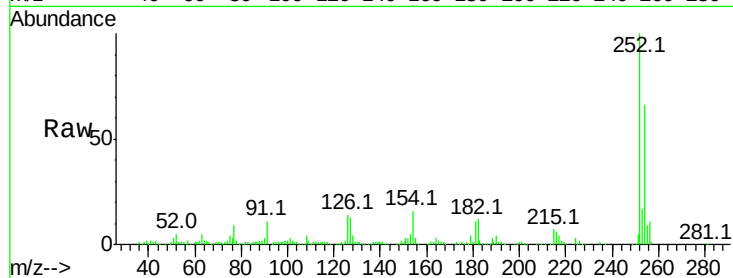
Tot Ion:252 Resp: 260933

Ion Ratio Lower Upper

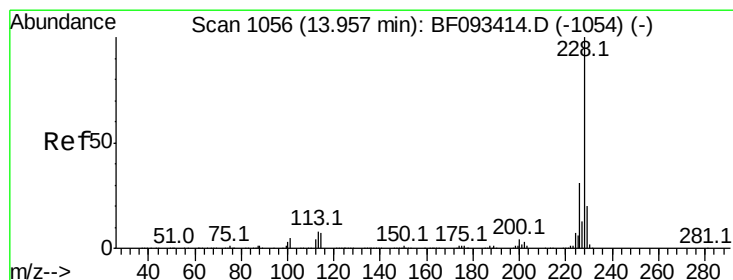
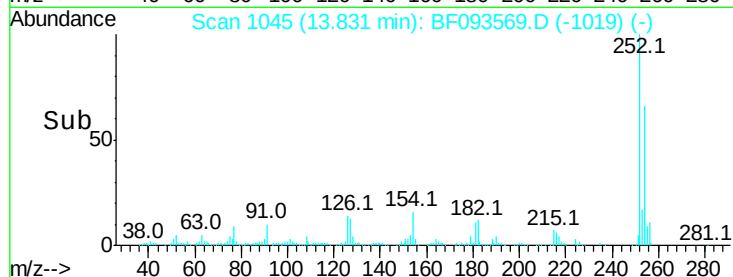
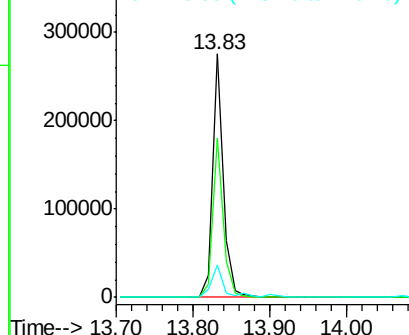
252 100

254 65.5 52.3 78.5

126 13.5 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: 45.73 ng

RT: 13.91 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

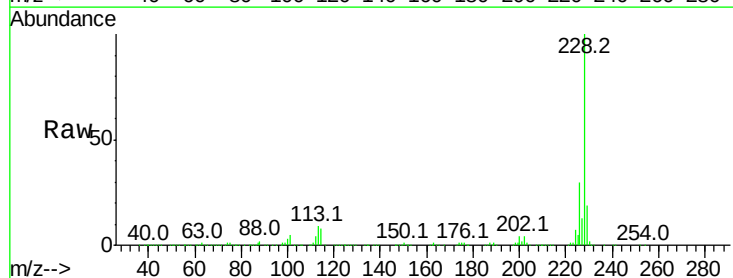
Tgt Ion:228 Resp: 1131835

Ion Ratio Lower Upper

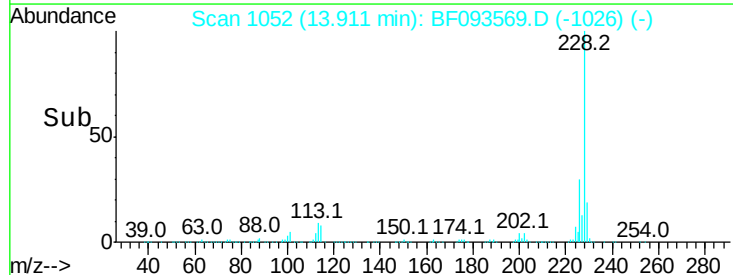
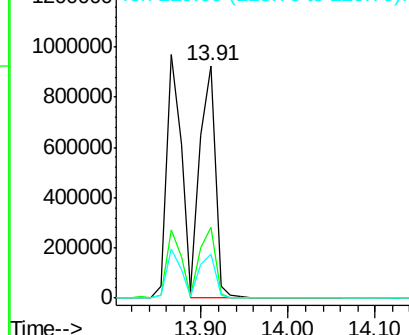
228 100

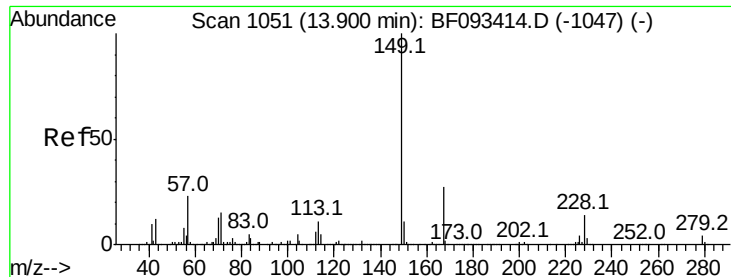
226 30.4 25.4 38.0

229 19.0 16.2 24.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.80 ng

RT: 13.85 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

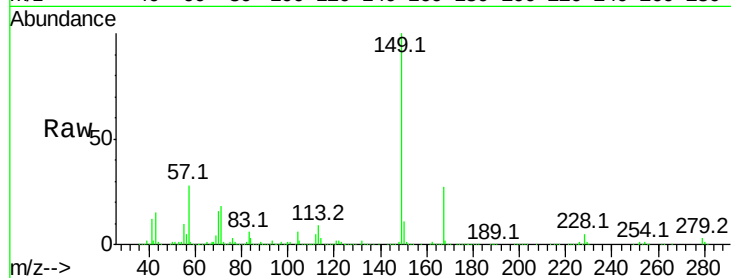
Tot Ion:149 Resp: 962674

Ion Ratio Lower Upper

149 100

167 27.3 20.2 30.4

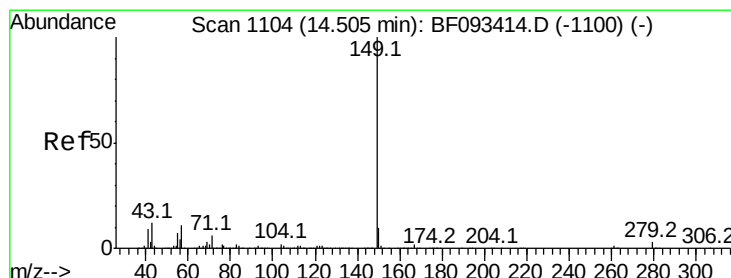
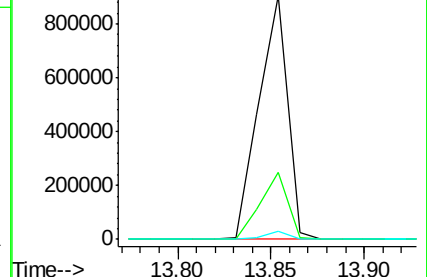
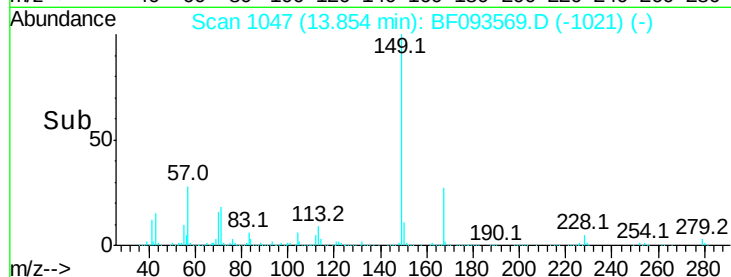
279 3.3 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.70 ng

RT: 14.46 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

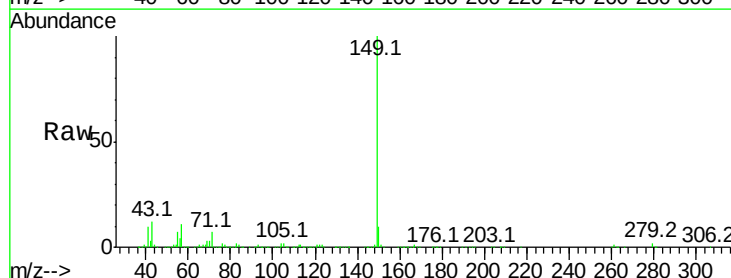
Tgt Ion:149 Resp: 1472361

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

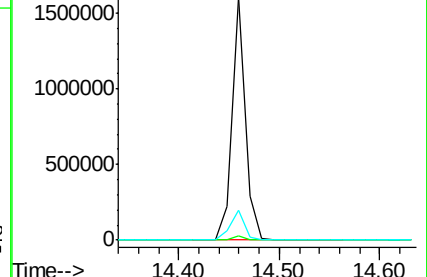
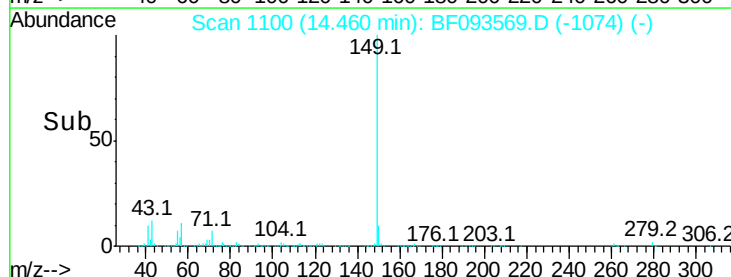
43 12.5 8.9 13.3

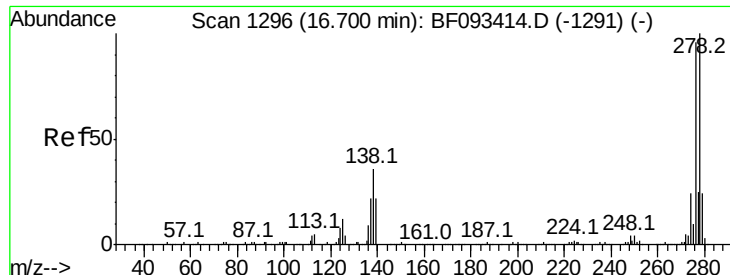


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

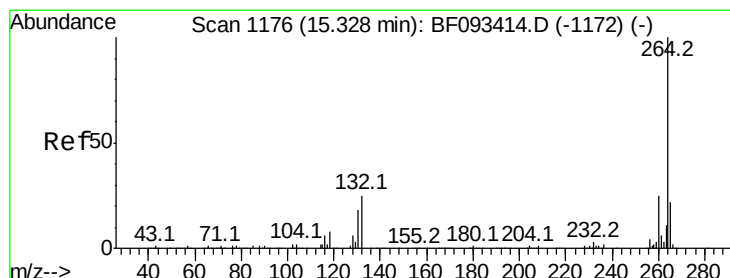
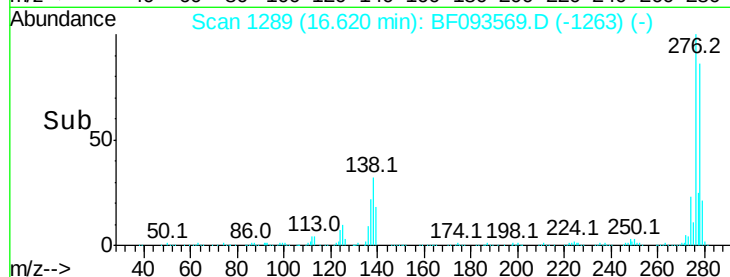
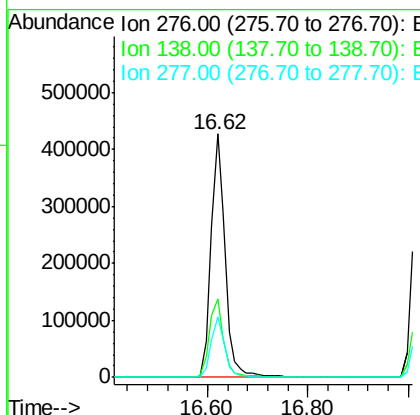
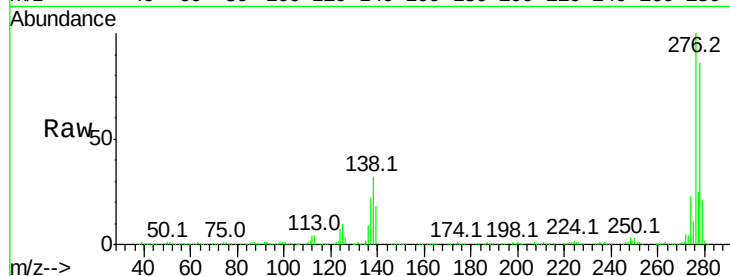




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.24 ng
 RT: 16.62 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

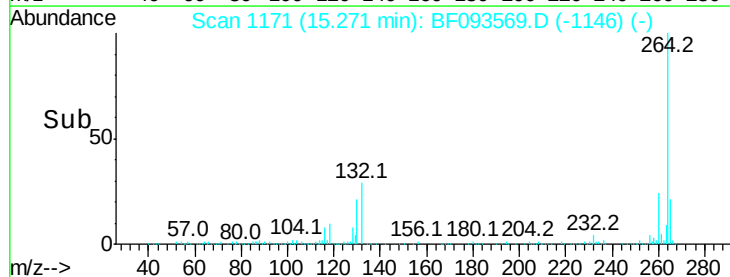
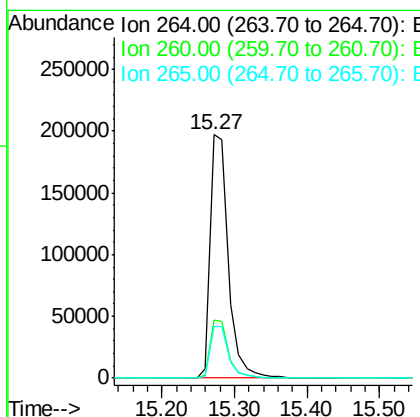
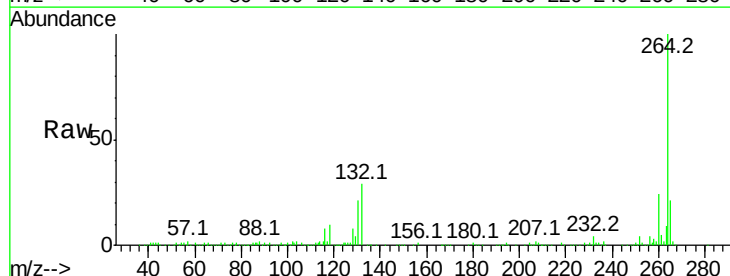
Instrument :
 BNA_F
 ClientSampleId :

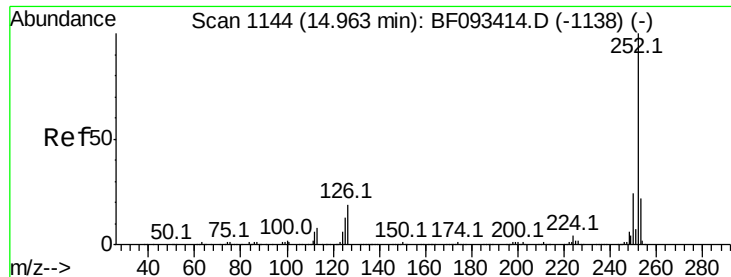
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.8	21.8	32.6#
277	24.4	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 89.21 ng

RT: 14.88 min Scan# 1137

Delta R.T. -0.01 min

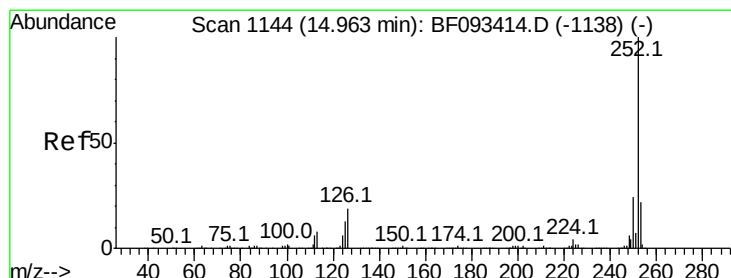
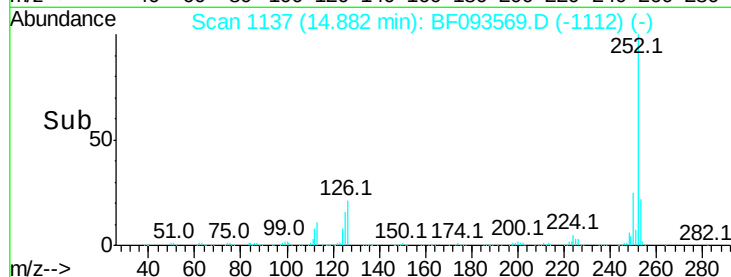
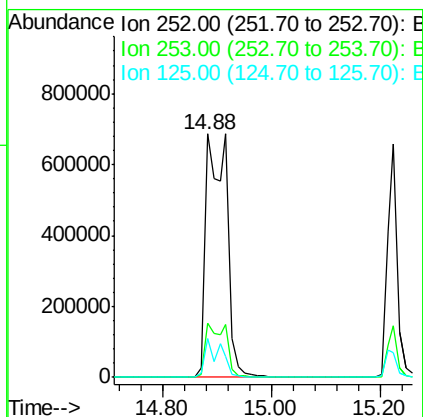
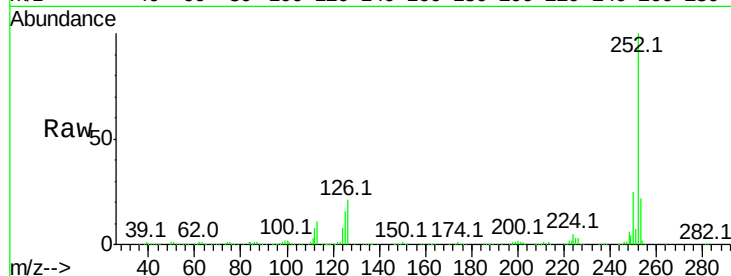
Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1850437

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	16.0	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 92.51 ng

RT: 14.88 min Scan# 1137

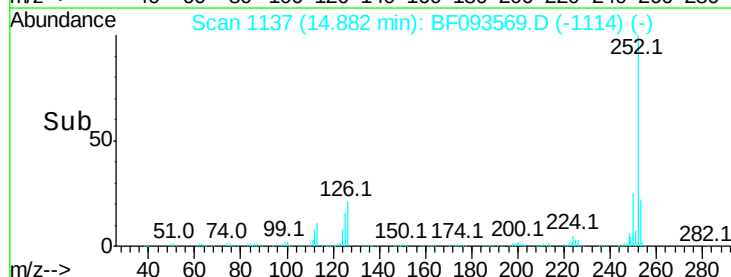
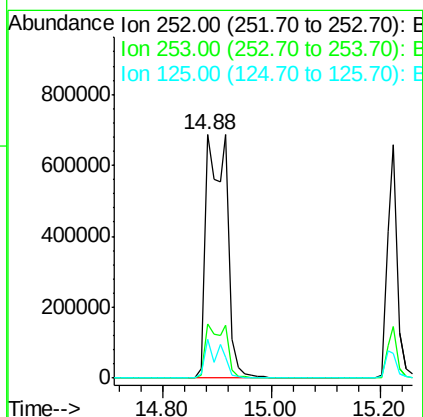
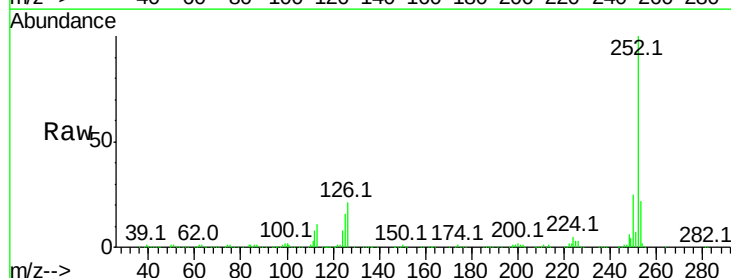
Delta R.T. -0.03 min

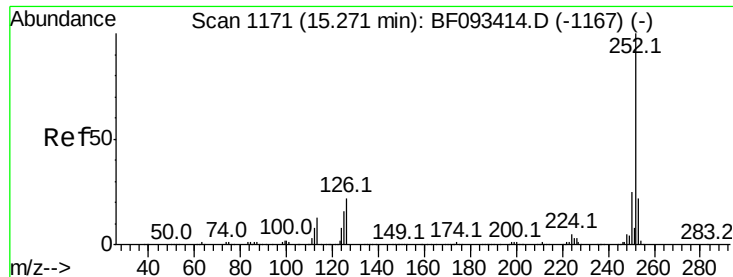
Lab File: BF093569.D

Acq: 11 Mar 2017 16:09

Tgt Ion:252 Resp: 1850437

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	16.0	8.9	13.3

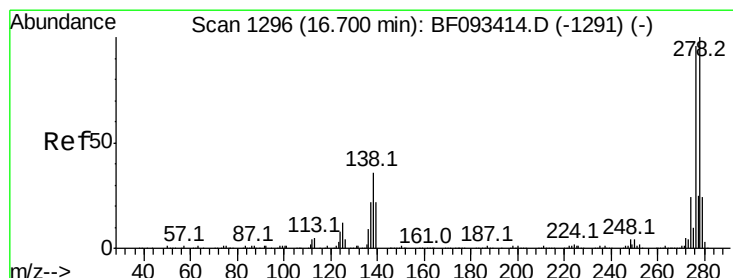
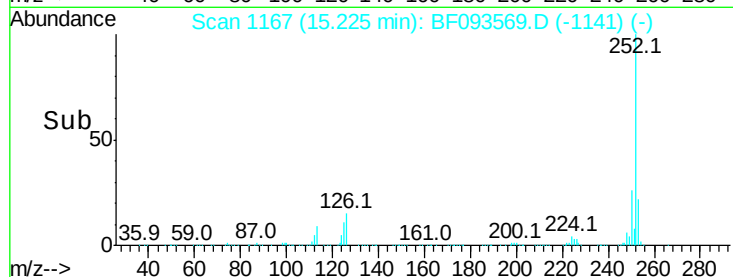
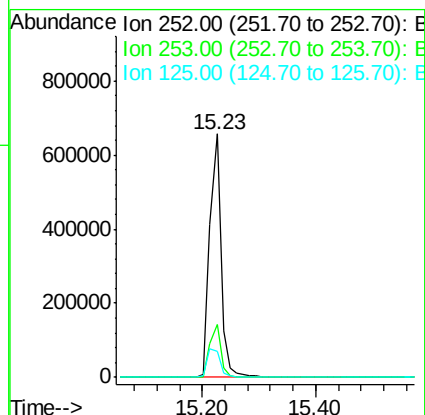
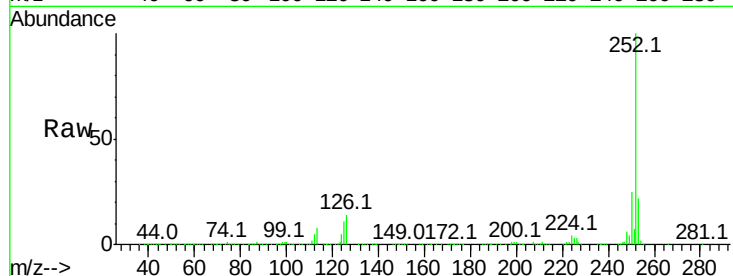




#89
Benzo(a)pyrene
Concen: 45.65 ng
RT: 15.23 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

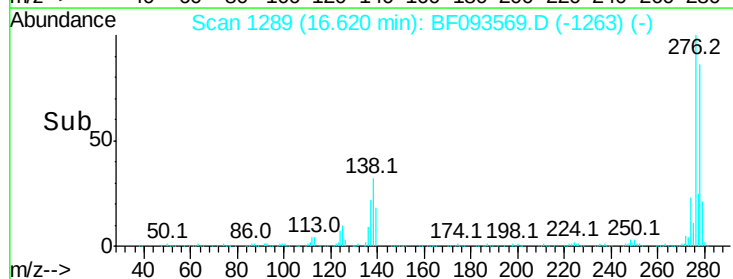
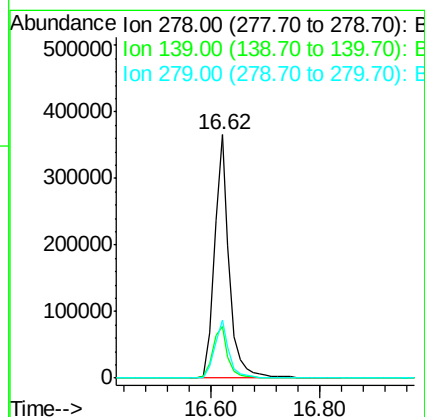
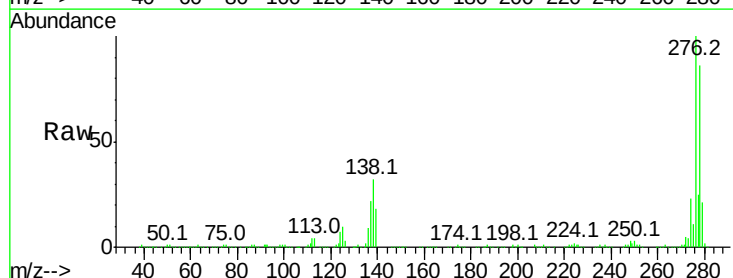
Instrument :
BNA_F
ClientSampled :

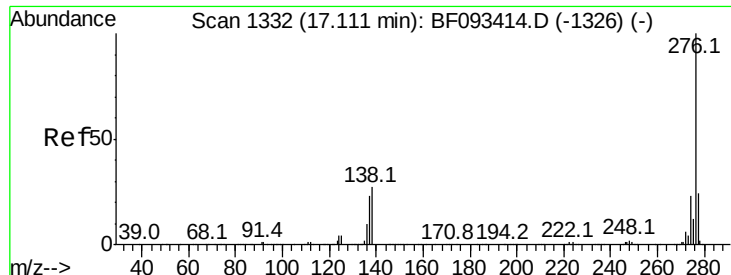
Tot Ion:252 Resp: 865451
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 10.6 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 44.37 ng
RT: 16.62 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF093569.D
Acq: 11 Mar 2017 16:09

Tgt Ion:278 Resp: 695889
Ion Ratio Lower Upper
278 100
139 21.0 14.8 22.2
279 24.0 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 45.17 ng
 RT: 17.02 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF093569.D
 Acq: 11 Mar 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	27.4	16.0	24.0

