

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093489.D
 Acq On : 9 Mar 2017 21:39
 Operator : SJ/MA
 Sample : I2195-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMS

Quant Time: Mar 09 23:52:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	641610	20.00	ng	0.14
21) Naphthalene-d8	8.04	136	725224	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	331890	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	618588	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	472484	20.00	ng	-0.01
86) Perylene-d12	15.32	264	370536	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1673092	43.40	ng	0.00
7) Phenol-d6	6.41	99	1942163	39.95	ng	0.00
23) Nitrobenzene-d5	7.33	82	1330059	101.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	352183	162.87	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1866606	104.61	ng	-0.02
78) Terphenyl-d14	12.86	244	1875116	103.18	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	259219	12.21	ng	86
3) Pyridine	3.01	79	766994	14.17	ng	86
4) n-Nitrosodimethylamine	2.98	42	389088	15.05	ng	87
8) 2-Chlorophenol	6.54	128	599978	13.89	ng	91
9) Benzaldehyde	6.31	77	99627	2.04	ng	95
10) Phenol	6.42	94	902324	15.15	ng	90
11) bis(2-Chloroethyl)ether	6.49	93	629452	13.07	ng	91
12) 1,3-Dichlorobenzene	6.77	146	665023	13.45	ng	# 94
13) 1,4-Dichlorobenzene	6.92	146	563956	11.14	ng	97
14) 1,2-Dichlorobenzene	6.92	146	563956	12.58	ng	97
15) Benzyl Alcohol	6.92	79	485149	14.00	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1026533	12.83	ng	# 28
17) 2-Methylphenol	7.19	107	689987	18.89	ng	# 77
18) Hexachloroethane	7.26	117	234814	13.76	ng	92
19) n-Nitroso-di-n-propylamine	7.18	70	484008	14.48	ng	98
20) 3+4-Methylphenols	7.19	107	689987	14.56	ng	# 74
22) Acetophenone	7.17	105	854992	48.99	ng	98
24) Nitrobenzene	7.35	77	714498	48.64	ng	# 87
25) Isophorone	7.58	82	1286853	48.82	ng	# 93
26) 2-Nitrophenol	7.66	139	333222	49.72	ng	93
27) 2,4-Dimethylphenol	7.70	122	518779	47.58	ng	100
28) bis(2-Chloroethoxy)methane	7.80	93	837833	50.35	ng	99
29) 2,4-Dichlorophenol	7.91	162	542288	52.87	ng	91
30) 1,2,4-Trichlorobenzene	7.98	180	503866	46.19	ng	96
31) Naphthalene	8.06	128	1685968	46.39	ng	99
32) Benzoic acid	7.88	122	343993	60.72	ng	97
33) 4-Chloroaniline	8.13	127	267245	18.12	ng	96
34) Hexachlorobutadiene	8.17	225	278634	49.59	ng	99
35) Caprolactam	8.50	113	98536	28.13	ng	# 36
36) 4-Chloro-3-methylphenol	8.62	107	534423	48.81	ng	97
37) 2-Methylnaphthalene	8.74	142	1044786	45.18	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	487157	53.75	ng	98
40) Hexachlorocyclopentadiene	8.89	237	220043	93.77	ng	95
42) 2,4,6-Trichlorophenol	9.04	196	338785	59.83	ng	93

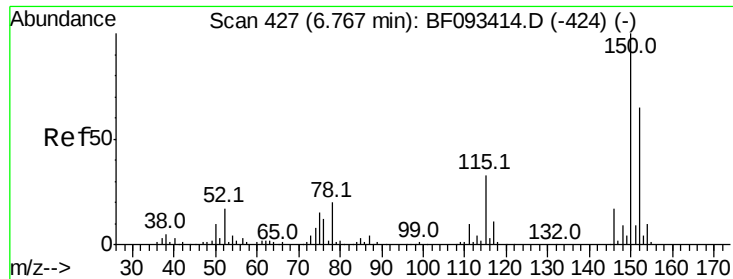
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.09	196	336810	55.44	nq	96
45) 1,1'-Biphenyl	9.21	154	1321041	54.64	nq	98
46) 2-Chloronaphthalene	9.24	162	1008942	54.52	nq	95
47) 2-Nitroaniline	9.35	65	433116	66.20	nq	96
48) Acenaphthylene	9.65	152	1510110	49.48	nq	99
49) Dimethylphthalate	9.52	163	1422346	64.64	nq	99
50) 2,6-Dinitrotoluene	9.59	165	257129	53.26	nq	# 59
51) Acenaphthene	9.82	154	899177	49.82	nq	96
52) 3-Nitroaniline	9.76	138	179443	30.94	nq	98
53) 2,4-Dinitrophenol	9.89	184	251800	114.52	nq	# 76
54) Dibenzofuran	9.99	168	1347164	59.63	nq	99
55) 4-Nitrophenol	9.96	139	293613	104.22	nq	93
56) 2,4-Dinitrotoluene	10.00	165	337118	56.84	nq	# 88
57) Fluorene	10.33	166	1023433	53.46	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	283444	66.11	nq	92
59) Diethylphthalate	10.22	149	1220362	58.03	nq	98
60) 4-Chlorophenyl-phenylether	10.32	204	474645	55.32	nq	99
61) 4-Nitroaniline	10.38	138	318730	53.73	nq	96
62) Azobenzene	10.49	77	1522871	63.73	nq	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	197961	49.39	nq	# 12
65) n-Nitrosodiphenylamine	10.46	169	983983	47.64	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	285441	43.64	nq	97
67) Hexachlorobenzene	10.88	284	285787	45.75	nq	# 72
68) Atrazine	10.98	200	304658	50.39	nq	100
69) Pentachlorophenol	11.09	266	247724	114.87	nq	95
70) Phenanthrene	11.29	178	1569874	44.46	nq	99
71) Anthracene	11.35	178	1638328	45.87	nq	99
72) Carbazole	11.51	167	1431088	42.65	nq	100
73) Di-n-butylphthalate	11.83	149	1784357	45.97	nq	98
74) Fluoranthene	12.48	202	1528412	44.81	nq	98
76) Benzidine	12.61	184	721426	46.43	nq	97
77) Pyrene	12.71	202	1578387	45.93	nq	100
79) Butylbenzylphthalate	13.33	149	877031	60.63	nq	88
80) Benzo(a)anthracene	13.90	228	1366727	48.98	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	328690	33.63	nq	# 97
82) Chrysene	13.95	228	1329017	51.48	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	1159793	57.52	nq	# 95
84) Di-n-octyl phthalate	14.49	149	1790593	53.28	nq	96
85) Indeno(1,2,3-cd)pyrene	16.69	276	994816	46.04	nq	# 94
87) Benzo(b)fluoranthene	14.95	252	2195848	97.30	nq	98
88) Benzo(k)fluoranthene	14.95	252	2195848	100.90	nq	97
89) Benzo(a)pyrene	15.27	252	1024478	49.67	nq	# 96
90) Dibenzo(a,h)anthracene	16.69	278	833185	48.83	nq	98
91) Benzo(g,h,i)perylene	17.09	276	881574	50.34	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 439

Delta R.T. 0.14 min

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TP-9-COMP-0-12FTMS

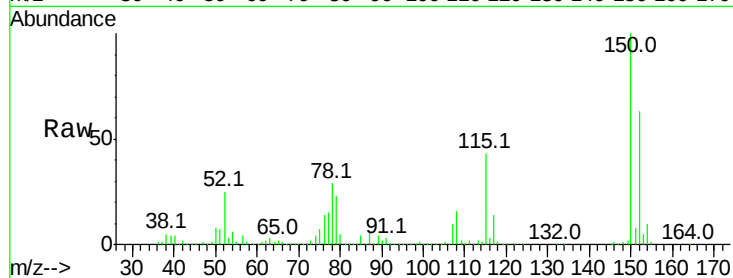
Tot Ion:152 Resp: 641610

Ion Ratio Lower Upper

152 100

150 158.1 124.9 187.3

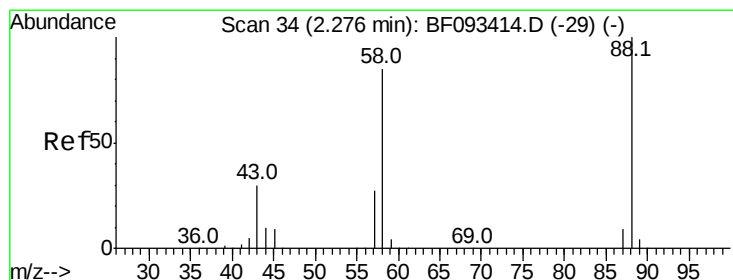
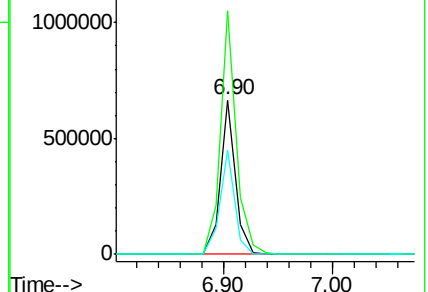
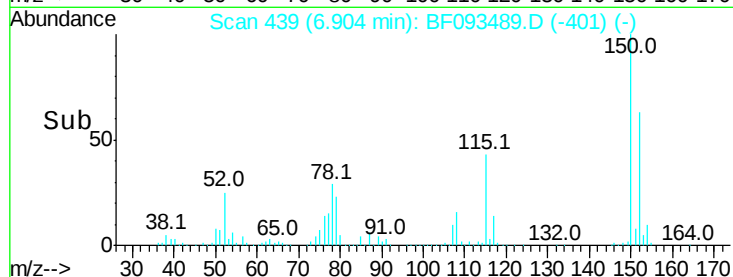
115 67.4 46.0 69.0



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: 12.21 ng

RT: 2.32 min Scan# 38

Delta R.T. 0.05 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

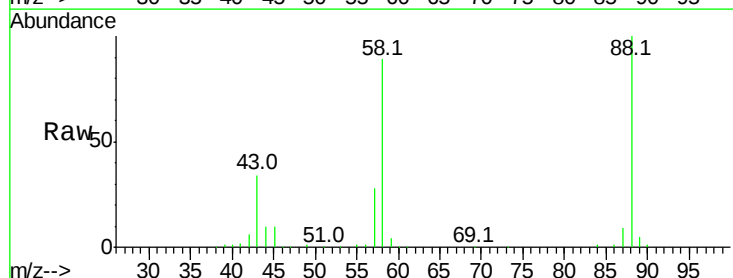
Tgt Ion: 88 Resp: 259219

Ion Ratio Lower Upper

88 100

58 86.6 57.8 86.8

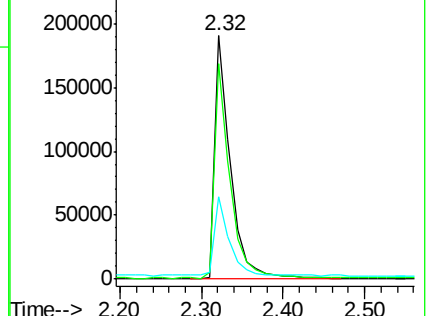
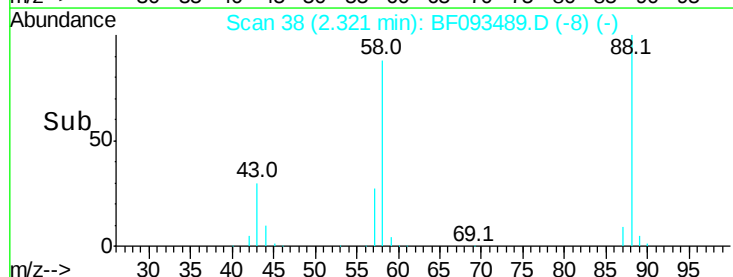
43 30.6 22.3 33.5

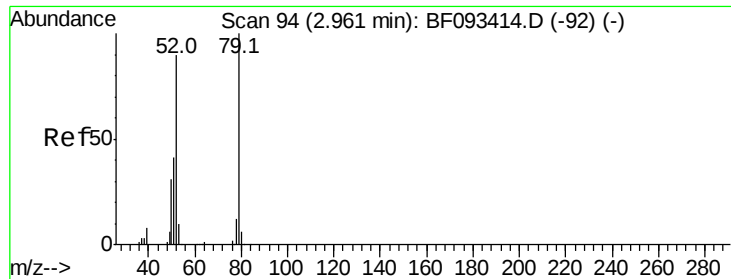


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

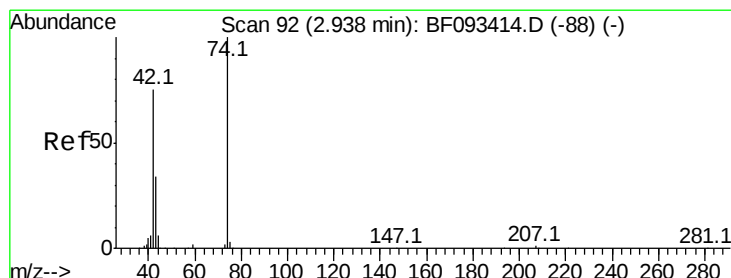
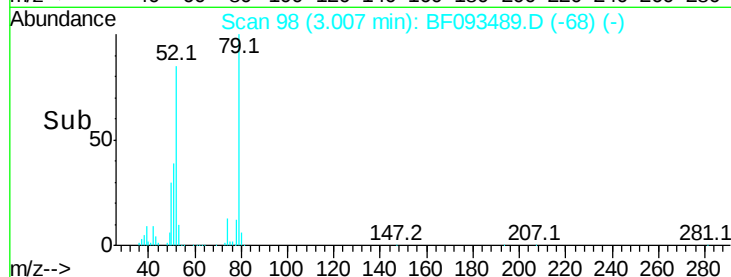
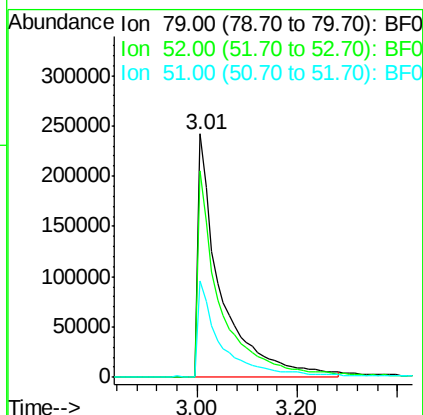
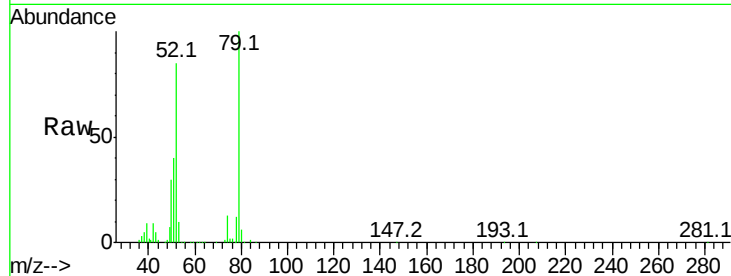




#3
 Pvridine
 Concen: 14.17 ng
 RT: 3.01 min Scan# 98
 Delta R.T. 0.05 min
 Lab File: BF093489.D
 Acq: 9 Mar 2017 21:39

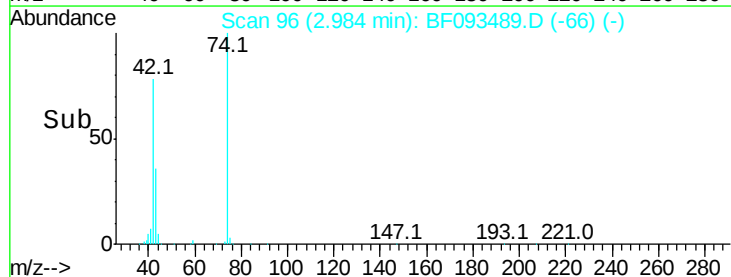
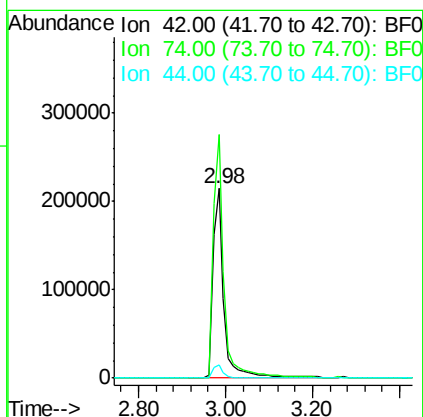
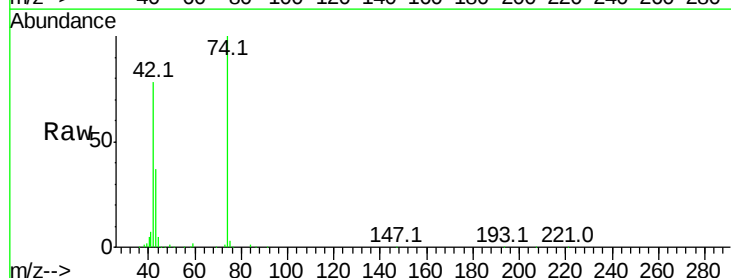
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMS

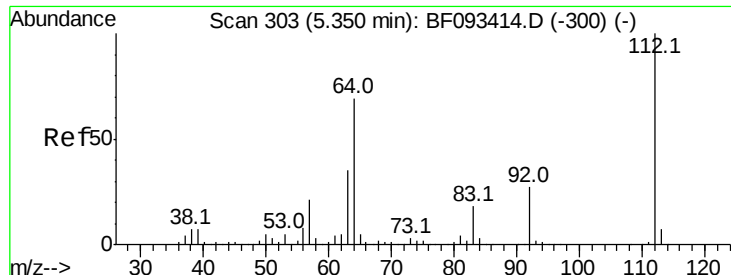
Tot Ion: 79 Resp: 766994
 Ion Ratio Lower Upper
 79 100
 52 85.0 57.1 85.7
 51 39.6 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 15.05 ng
 RT: 2.98 min Scan# 96
 Delta R.T. 0.05 min
 Lab File: BF093489.D
 Acq: 9 Mar 2017 21:39

Tgt Ion: 42 Resp: 389088
 Ion Ratio Lower Upper
 42 100
 74 128.6 117.0 175.4
 44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 43.40 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

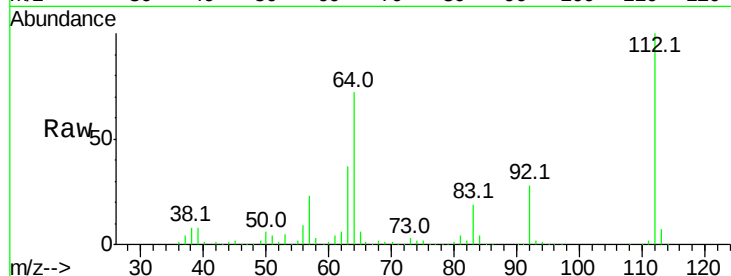
Tot Ion:112 Resp: 1673092

Ion Ratio Lower Upper

112 100

64 72.1 46.1 69.1#

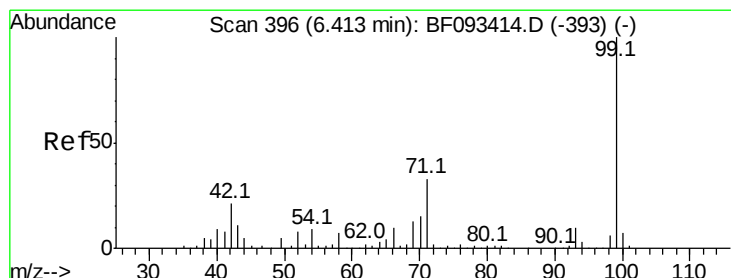
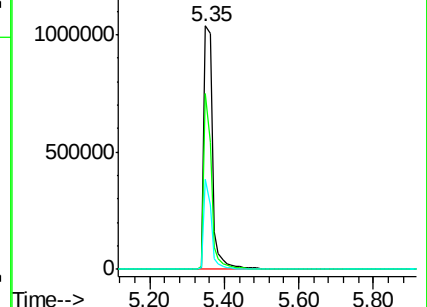
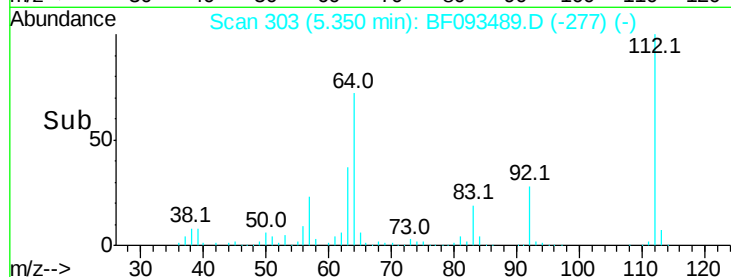
63 36.8 23.8 35.6#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 39.95 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

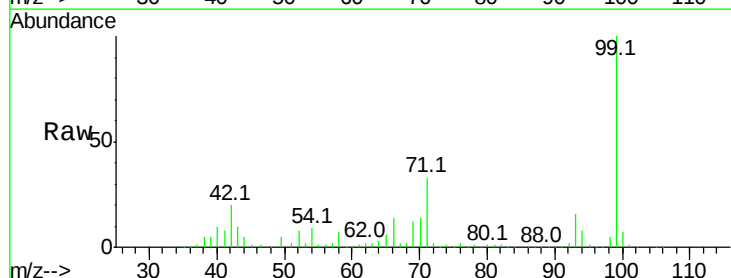
Tgt Ion: 99 Resp: 1942163

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

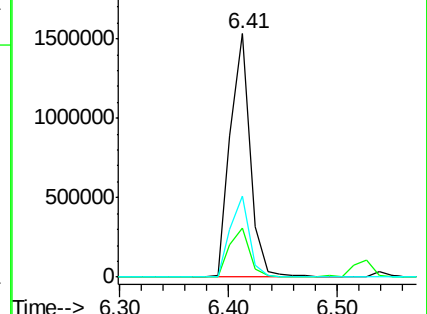
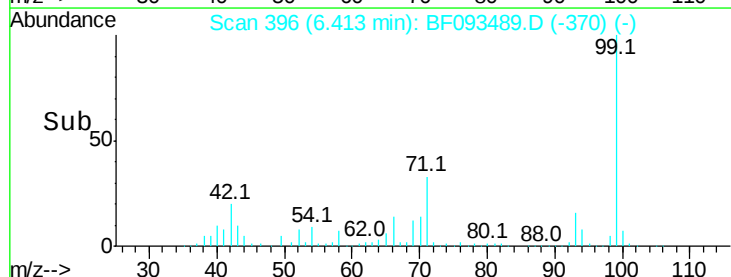
71 33.3 27.5 41.3

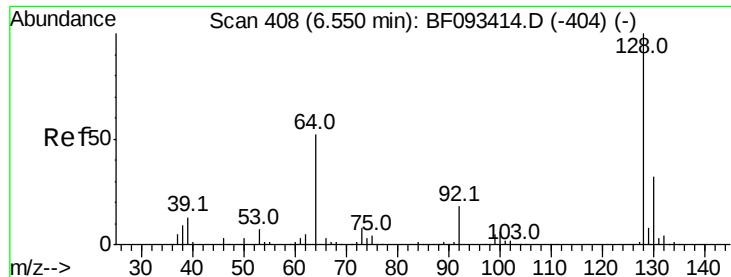


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 13.89 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.01 min

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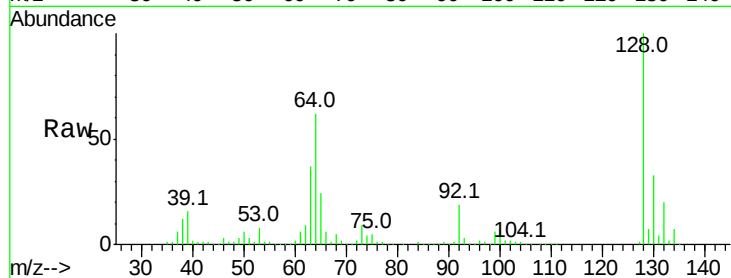
Tot Ion:128 Resp: 599978

Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

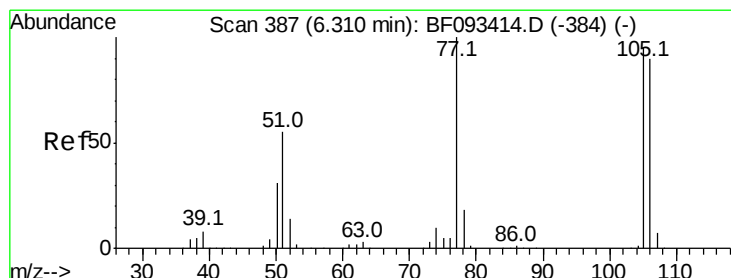
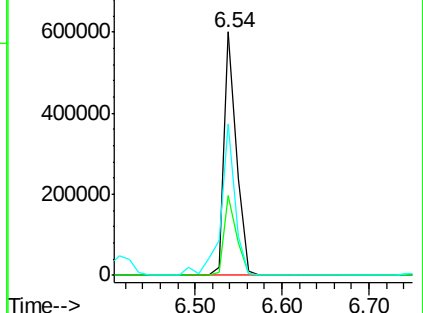
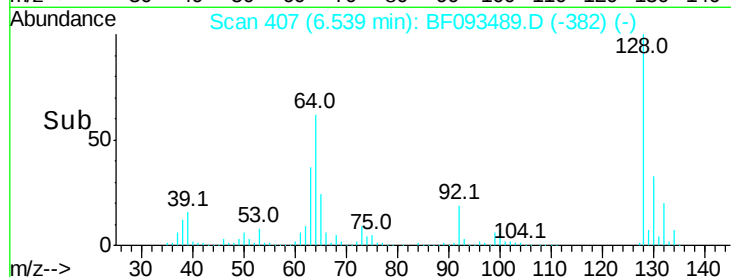
64 62.3 32.2 72.2



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: 2.04 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

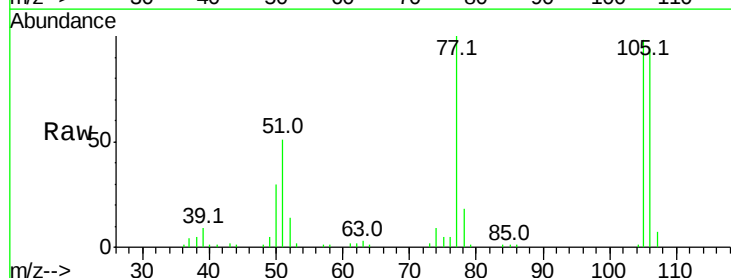
Tgt Ion: 77 Resp: 99627

Ion Ratio Lower Upper

77 100

105 97.6 83.9 123.9

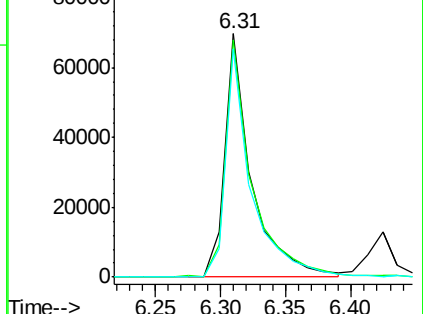
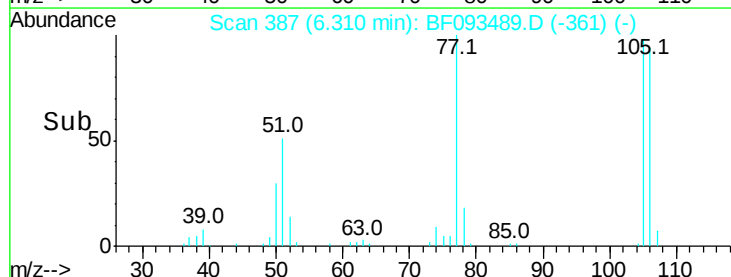
106 93.5 77.6 117.6

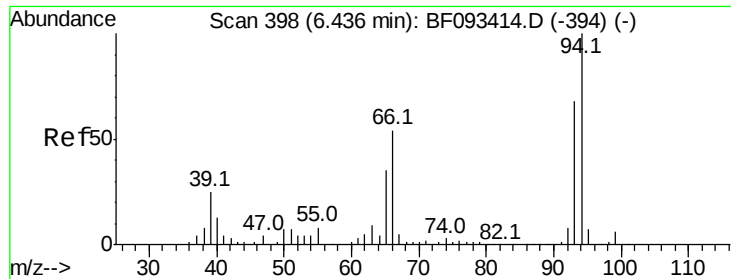


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 15.15 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

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ClientSampleId :

TP-9-COMP-0-12FTMS

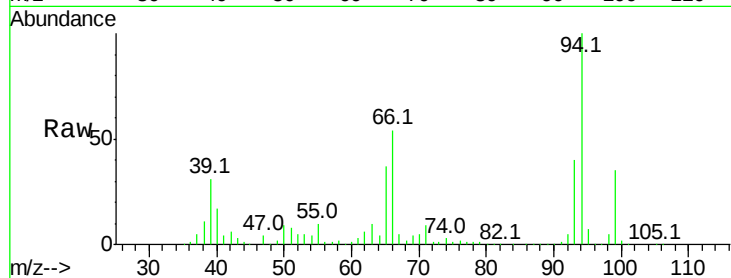
Tot Ion: 94 Resp: 902324

Ion Ratio Lower Upper

94 100

65 36.9 21.4 61.4

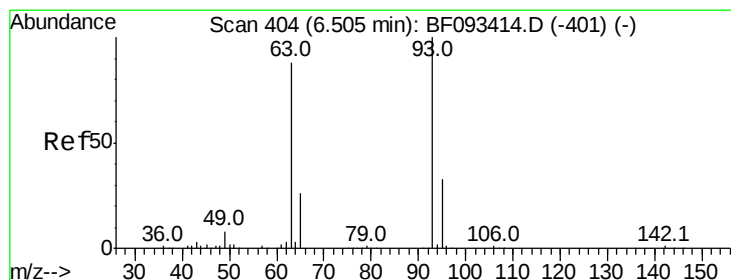
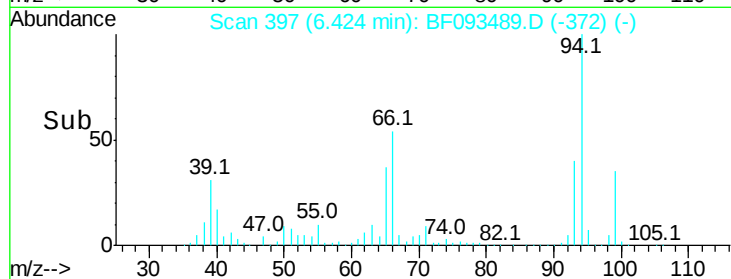
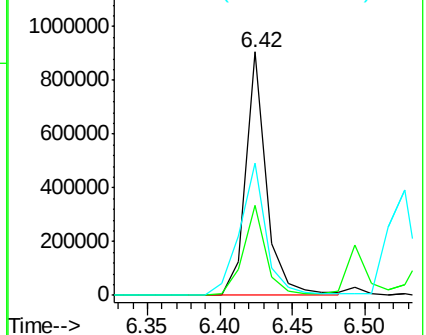
66 54.1 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 13.07 ng

RT: 6.49 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

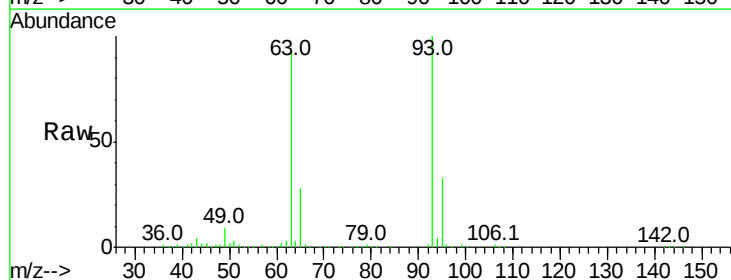
Tgt Ion: 93 Resp: 629452

Ion Ratio Lower Upper

93 100

63 91.6 60.4 100.4

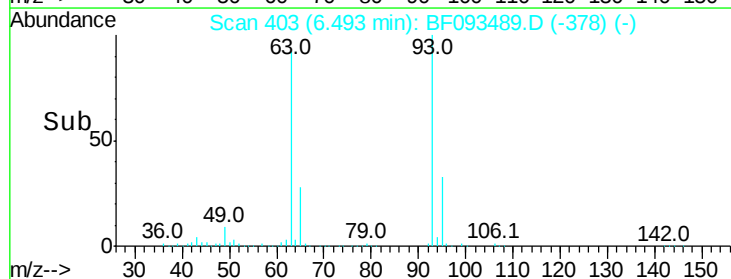
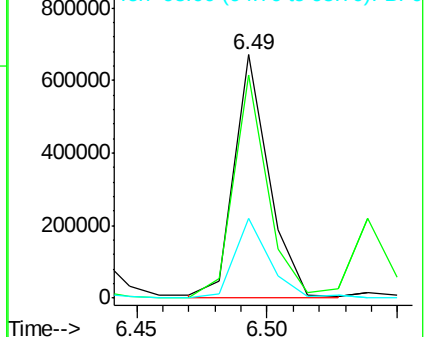
95 32.8 12.8 52.8

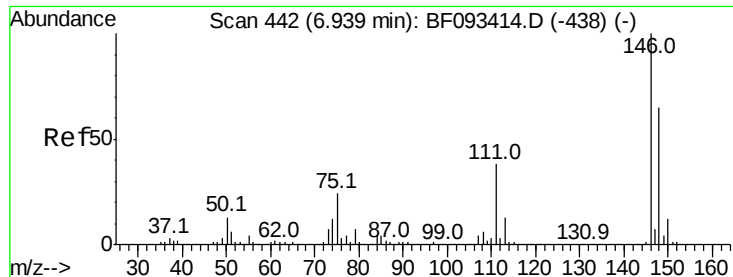


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 13.45 ng

RT: 6.77 min Scan# 427

Delta R.T. 0.07 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

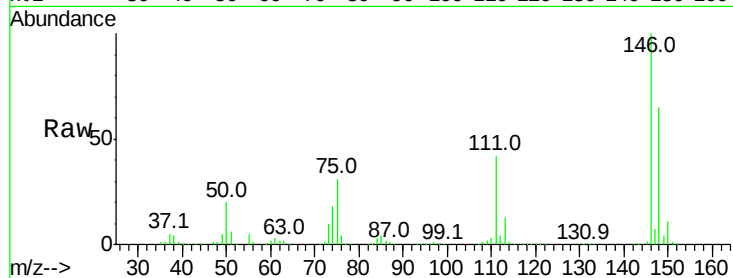
Tot Ion:146 Resp: 665023

Ion Ratio Lower Upper

146 100

148 64.6 53.4 80.0

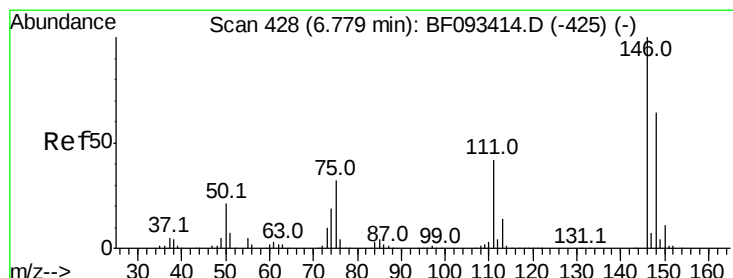
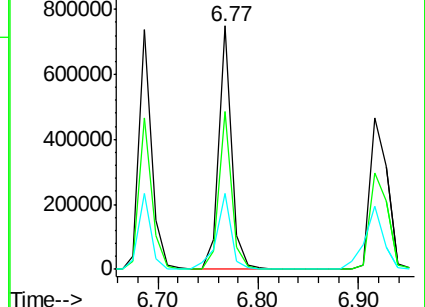
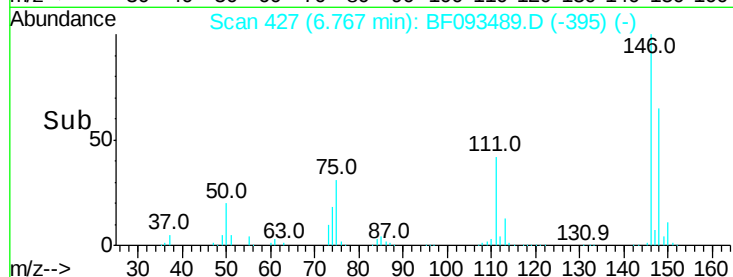
75 31.3 18.5 27.7#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 11.14 ng

RT: 6.92 min Scan# 440

Delta R.T. 0.14 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

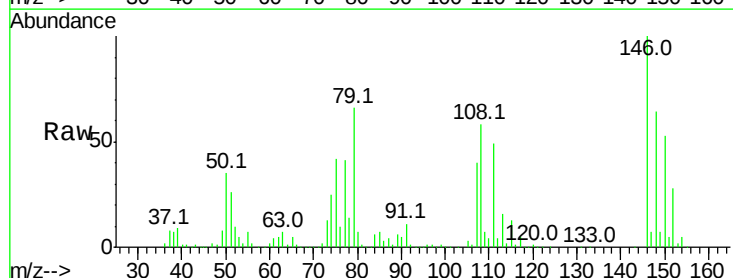
Tgt Ion:146 Resp: 563956

Ion Ratio Lower Upper

146 100

148 64.0 50.6 76.0

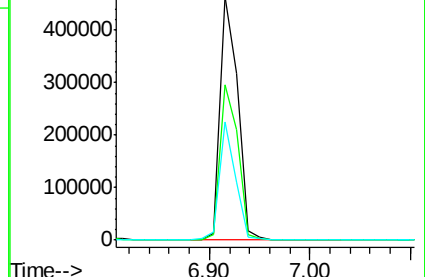
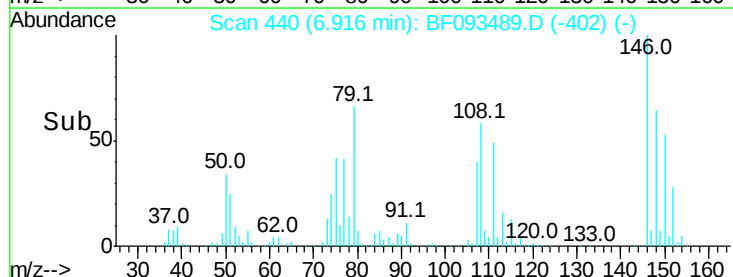
111 48.5 36.2 54.4

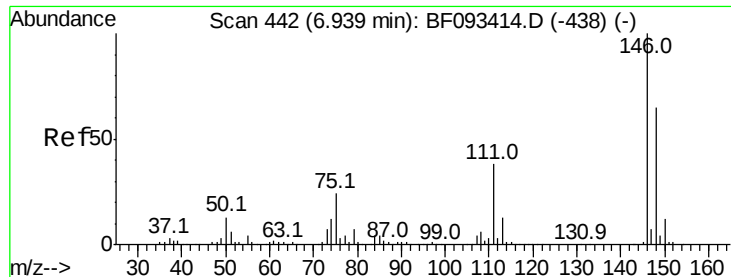


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 12.58 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

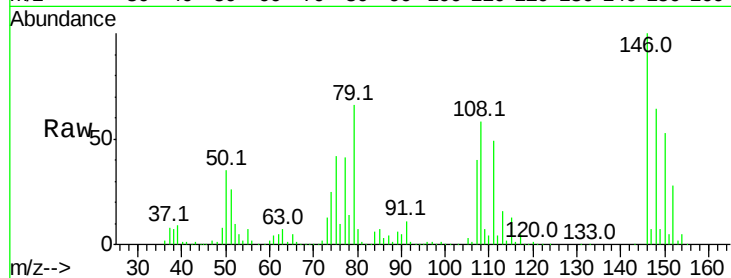
Tot Ion:146 Resp: 563956

Ion Ratio Lower Upper

146 100

148 64.0 52.2 78.2

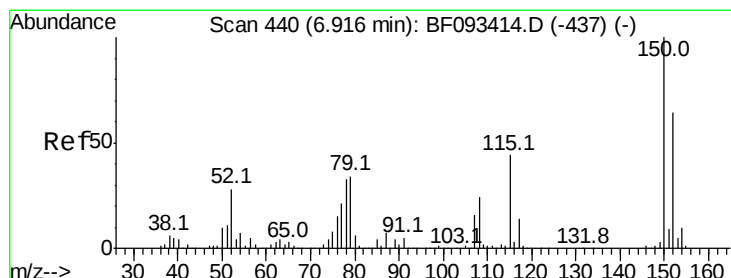
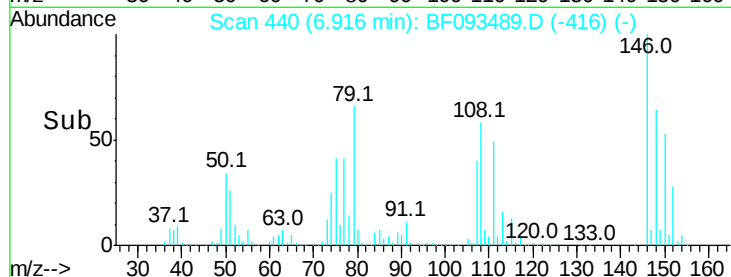
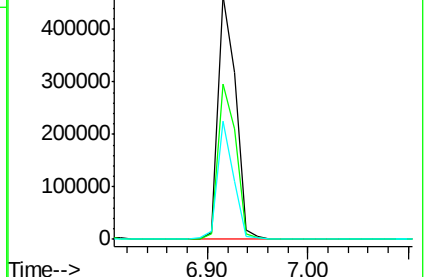
111 48.5 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 14.00 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

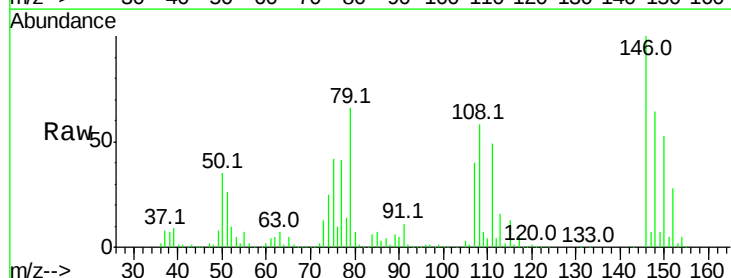
Tgt Ion: 79 Resp: 485149

Ion Ratio Lower Upper

79 100

108 88.1 61.4 92.0

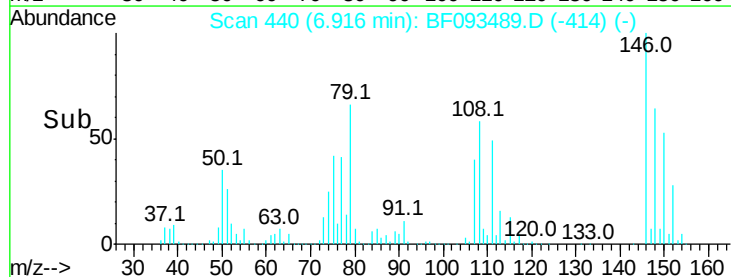
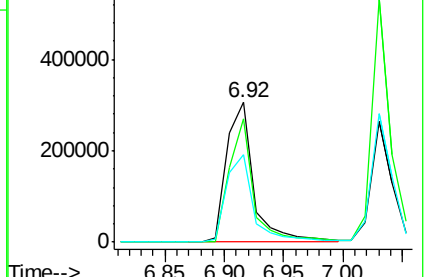
77 62.8 50.9 76.3

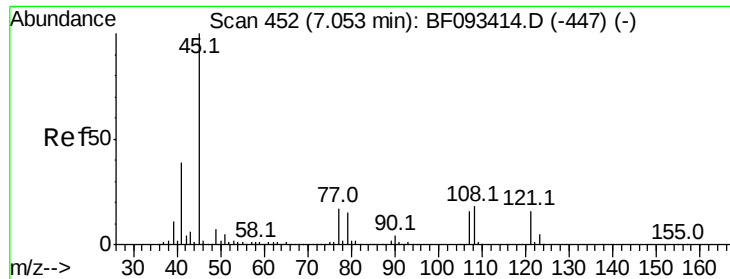


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

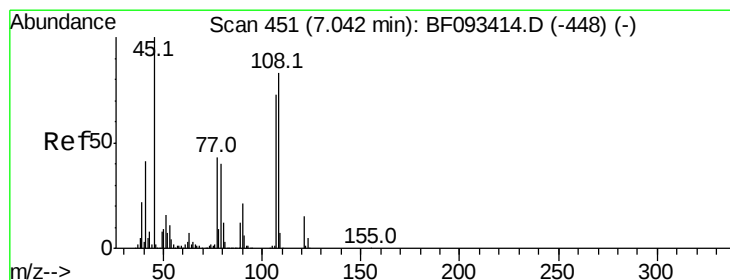
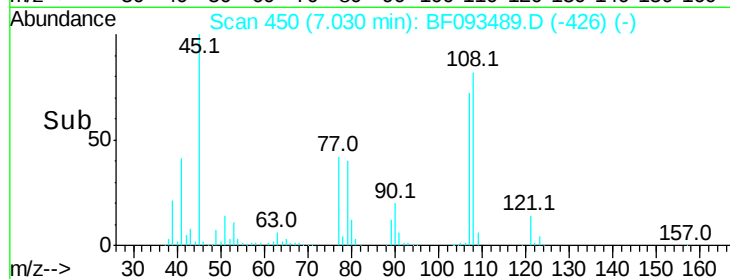
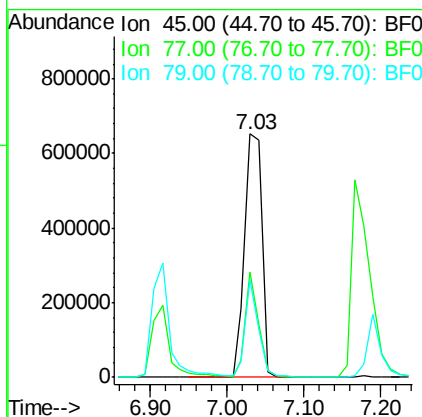
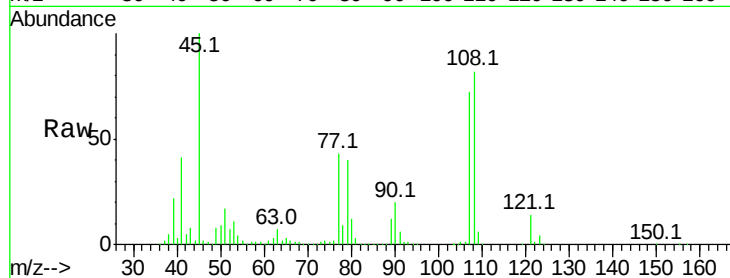




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 12.83 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

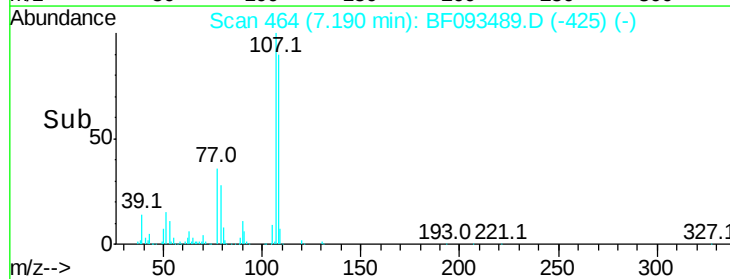
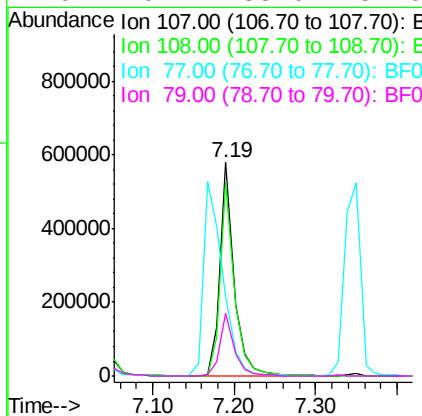
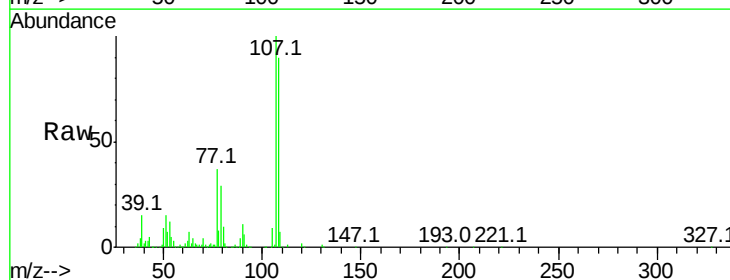
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

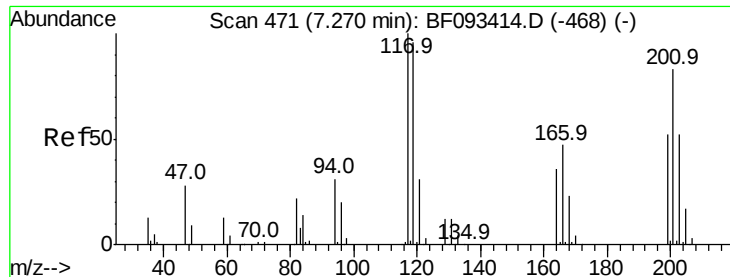
Tot Ion: 45 Resp: 1026533
Ion Ratio Lower Upper
45 100
77 43.1 0.0 34.6#
79 40.3 0.0 31.2#



#17
2-Methylphenol
Concen: 18.89 ng
RT: 7.19 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Tgt Ion: 107 Resp: 689987
Ion Ratio Lower Upper
107 100
108 90.3 93.0 139.6#
77 37.3 39.8 59.8#
79 29.2 38.0 57.0#





#18

Hexachloroethane

Concen: 13.76 ng

RT: 7.26 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

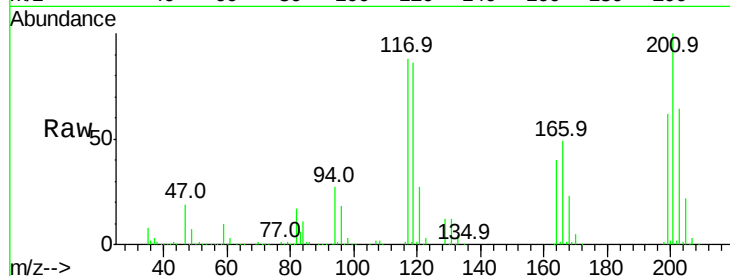
Tot Ion:117 Resp: 234814

Ion Ratio Lower Upper

117 100

119 97.6 78.1 117.1

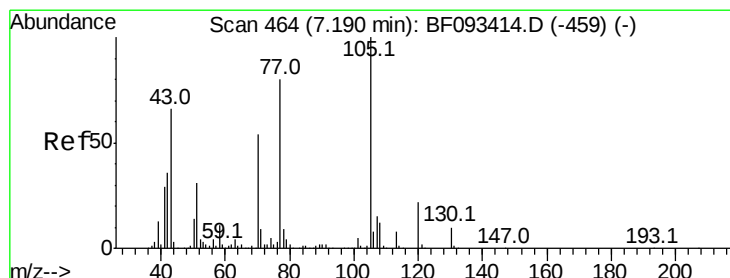
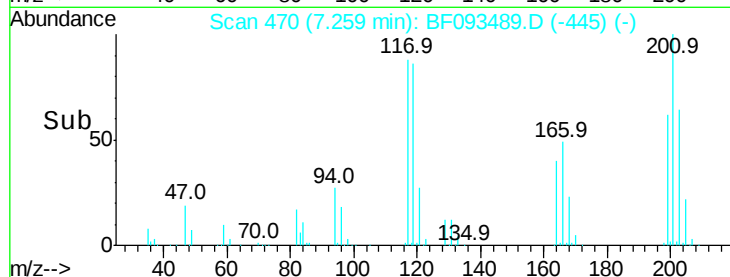
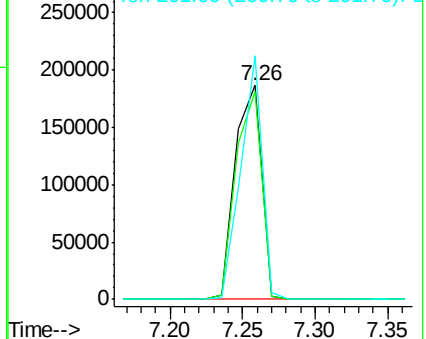
201 114.0 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 14.48 ng

RT: 7.18 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Tgt Ion: 70 Resp: 484008

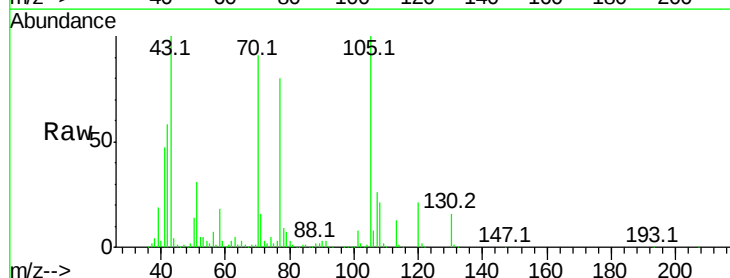
Ion Ratio Lower Upper

70 100

42 63.9 49.4 74.0

101 8.8 7.4 11.2

130 17.8 14.2 21.4

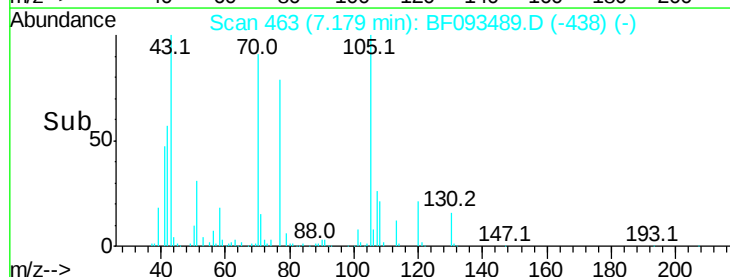
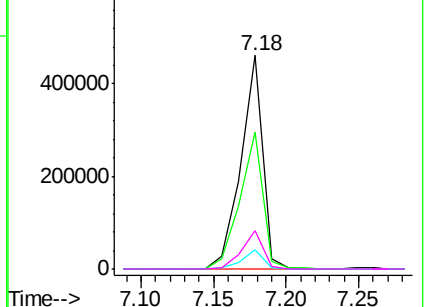


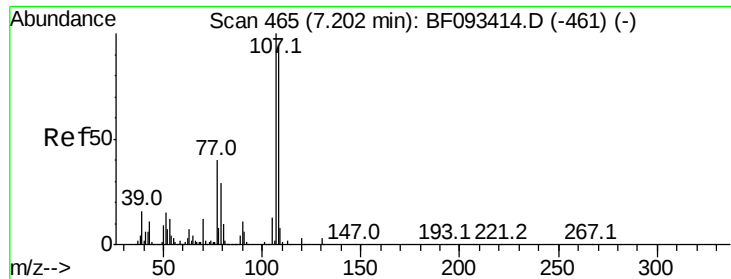
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

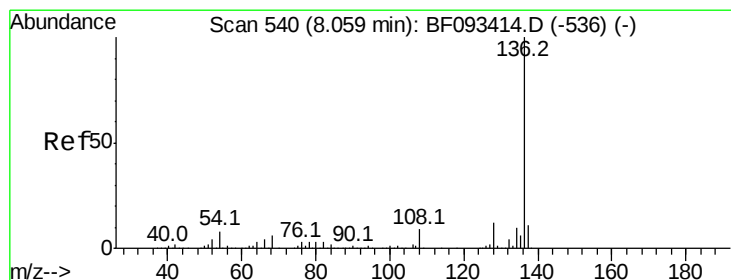
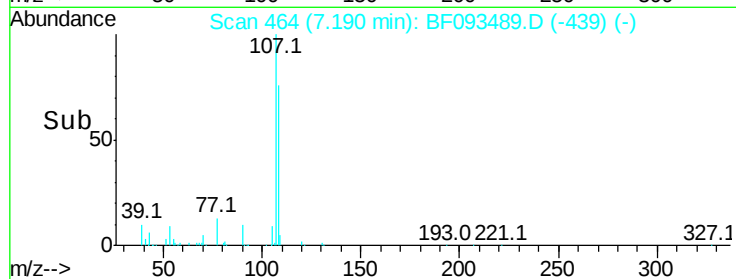
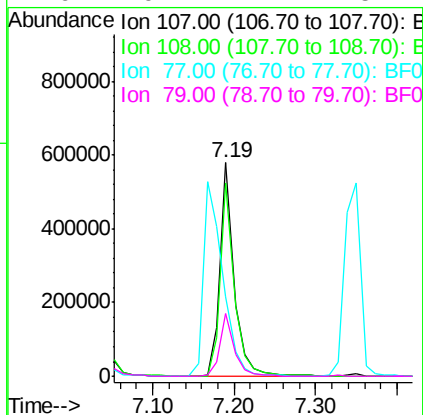
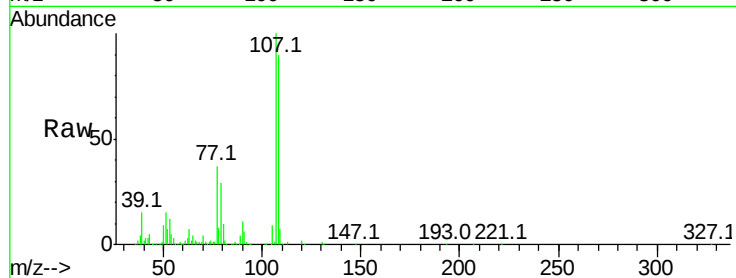




#20
3+4-Methylphenols
Concen: 14.56 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

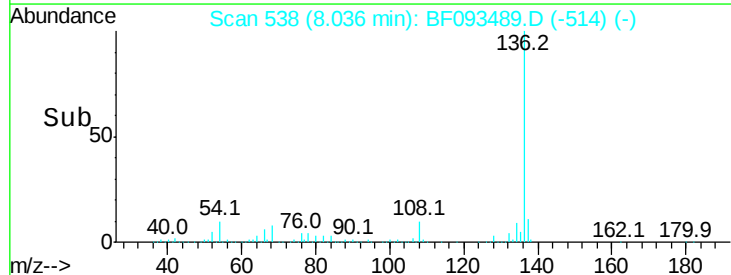
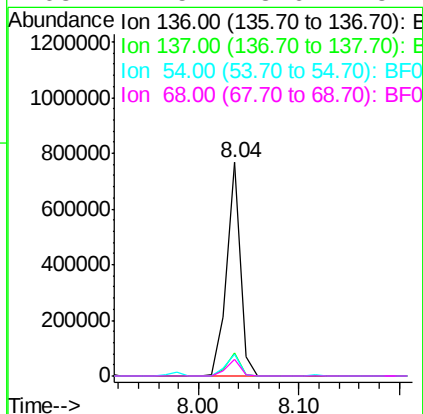
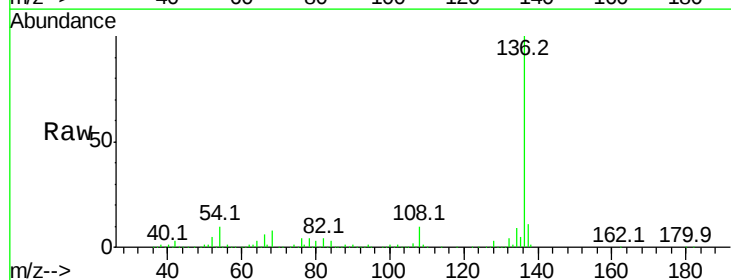
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

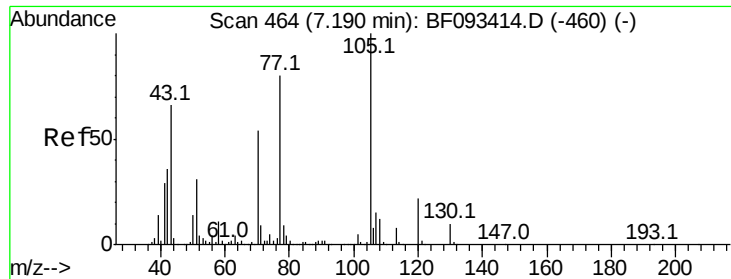
Tot Ion:	107	Resp:	689987
Ion	Ratio	Lower	Upper
107	100		
108	90.3	73.0	113.0
77	37.3	71.3	111.3#
79	29.2	11.1	51.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Tgt Ion:	136	Resp:	725224
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	10.0	4.5	6.7#
68	7.5	3.6	5.4#





#22

Acetophenone

Concen: 48.99 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

Tot Ion:105 Resp: 854992

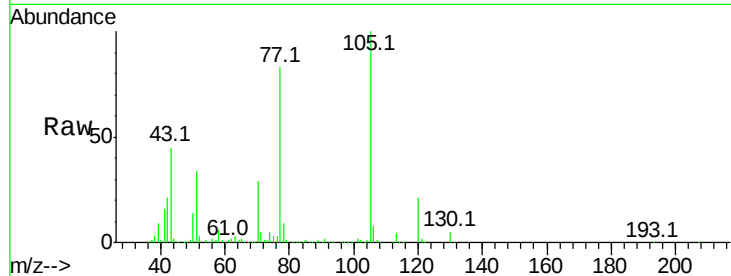
Ion Ratio Lower Upper

105 100

71 4.7 3.2 4.8

51 34.2 26.2 39.4

120 20.6 16.6 24.8

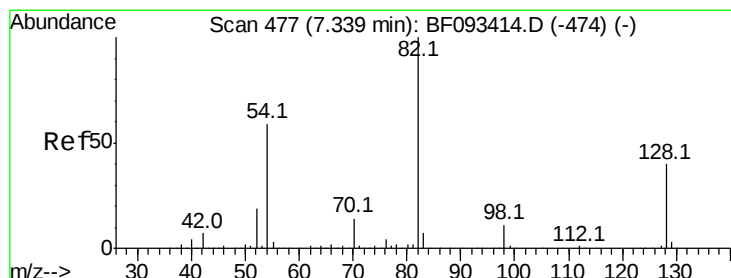
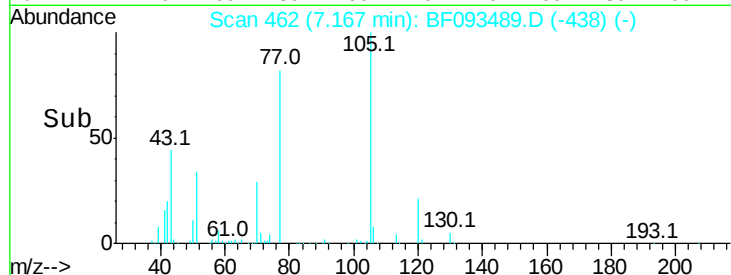
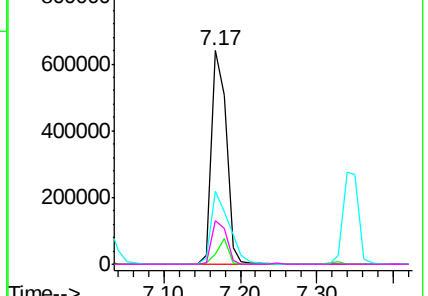


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 101.76 ng

RT: 7.33 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

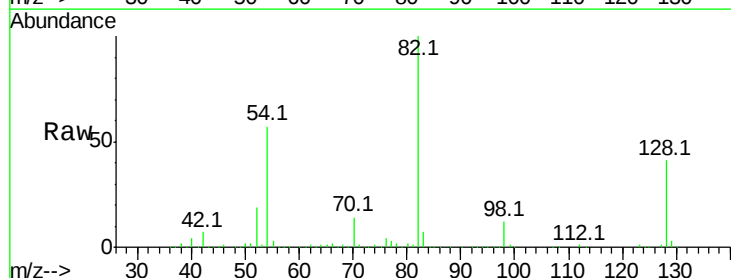
Tgt Ion: 82 Resp: 1330059

Ion Ratio Lower Upper

82 100

128 41.2 34.6 52.0

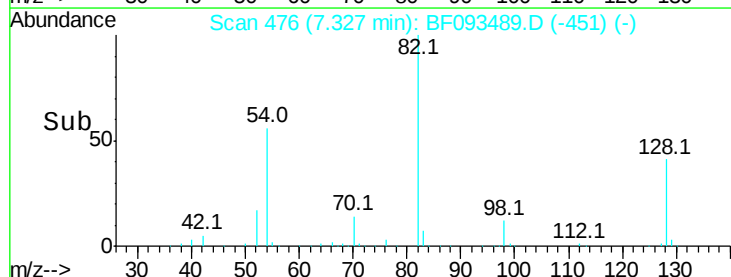
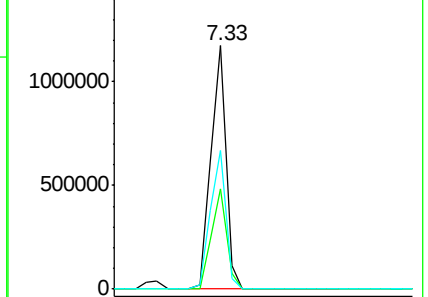
54 57.2 39.5 59.3

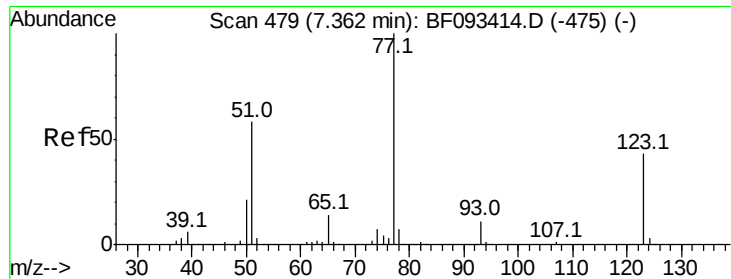


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 48.64 ng

RT: 7.35 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

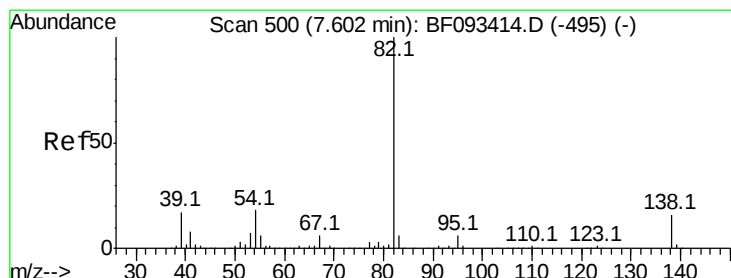
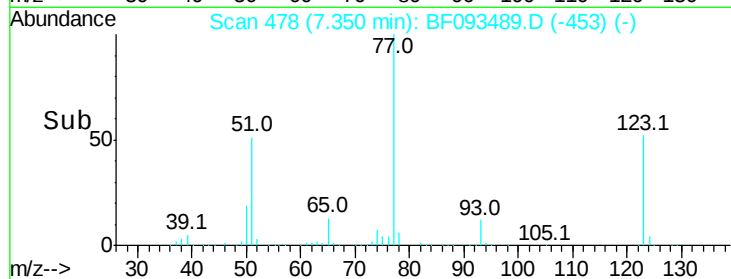
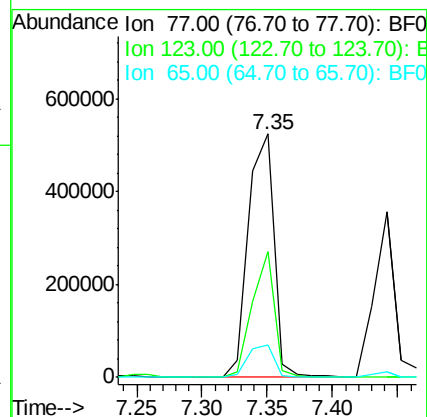
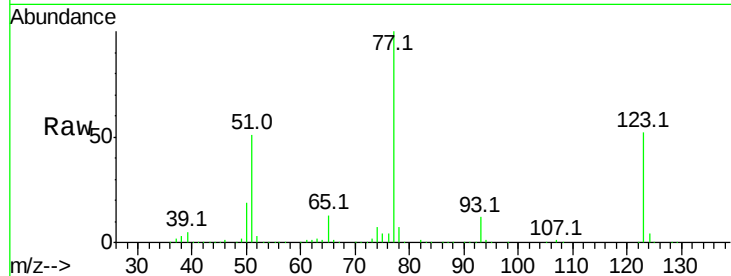
Tot Ion: 77 Resp: 714498

Ion Ratio Lower Upper

77 100

123 51.5 33.0 49.4#

65 13.2 11.2 16.8



#25

Isophorone

Concen: 48.82 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

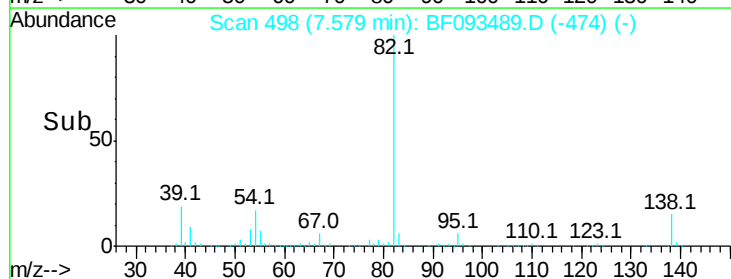
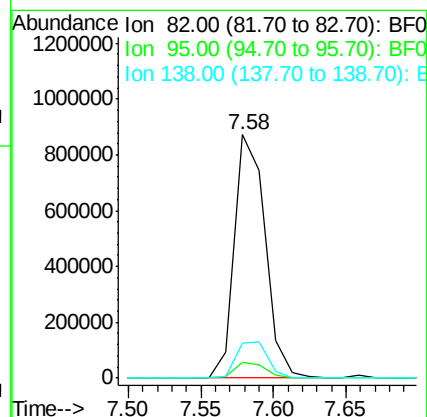
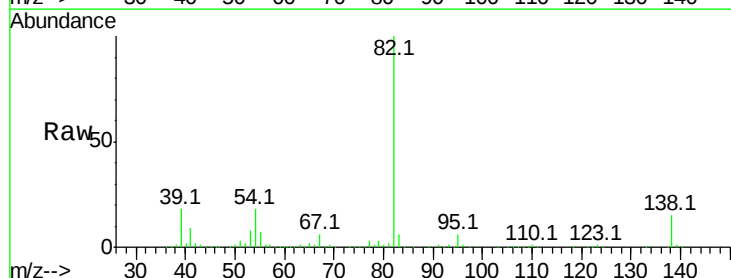
Tgt Ion: 82 Resp: 1286853

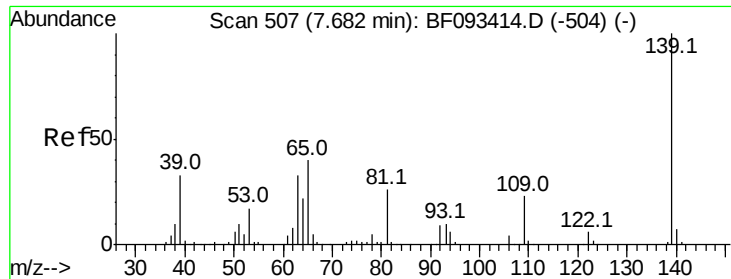
Ion Ratio Lower Upper

82 100

95 6.2 5.6 8.4

138 14.6 14.6 22.0#

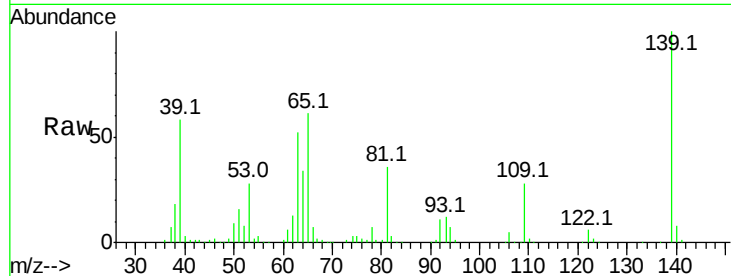




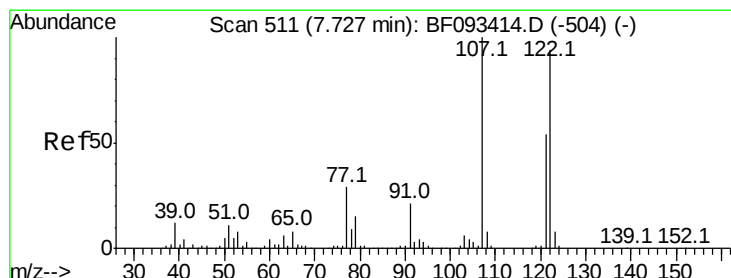
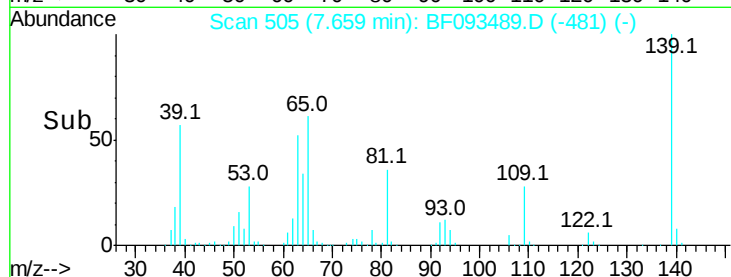
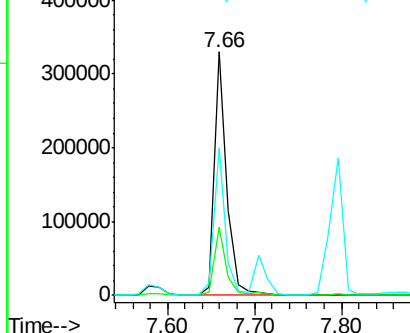
#26
2-Nitrophenol
Concen: 49.72 ng
RT: 7.66 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion:139 Resp: 333222
Ion Ratio Lower Upper
139 100
109 28.2 23.3 34.9
65 60.8 42.7 64.1

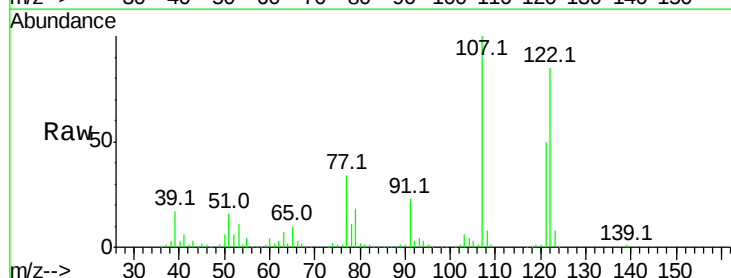


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

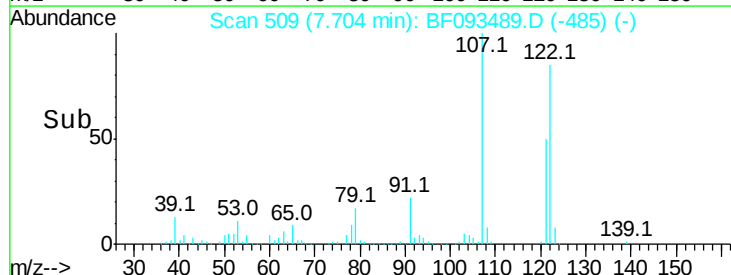
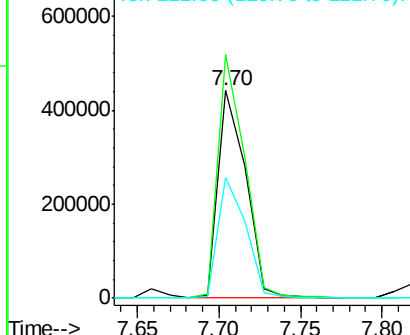


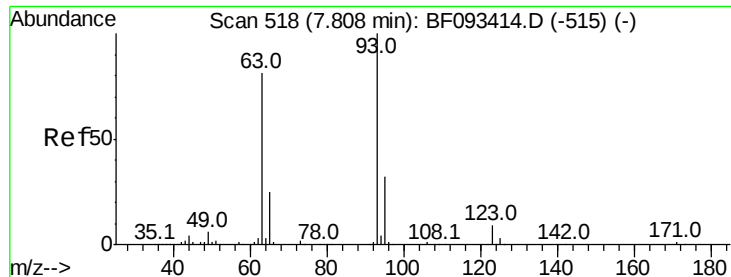
#27
2,4-Dimethylphenol
Concen: 47.58 ng
RT: 7.70 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Tgt Ion:122 Resp: 518779
Ion Ratio Lower Upper
122 100
107 117.4 94.1 141.1
121 58.2 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 50.35 ng

RT: 7.80 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

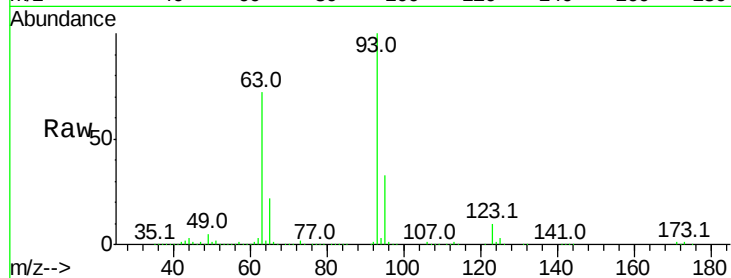
Tot Ion: 93 Resp: 837833

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

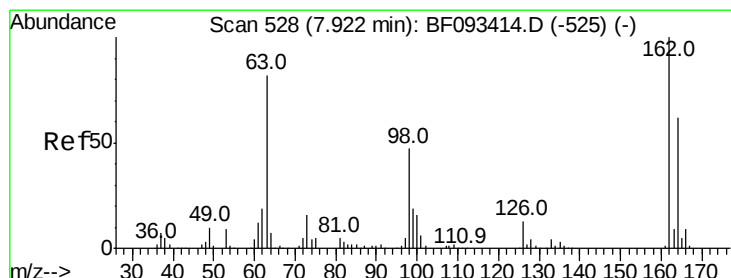
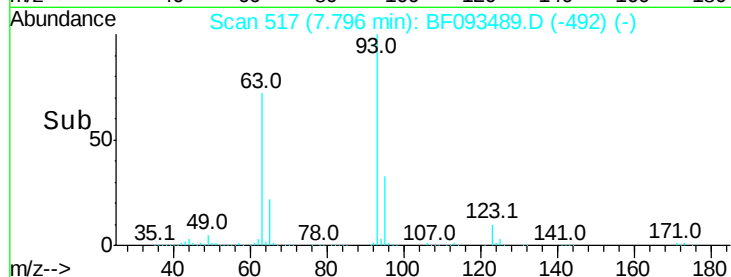
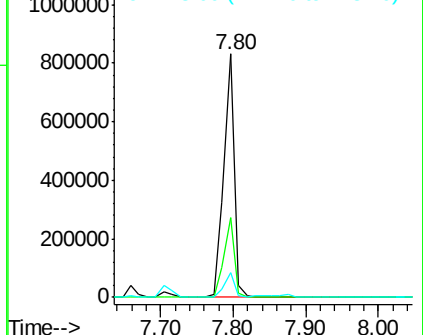
123 10.2 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0



#29

2,4-Dichlorophenol

Concen: 52.87 ng

RT: 7.91 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

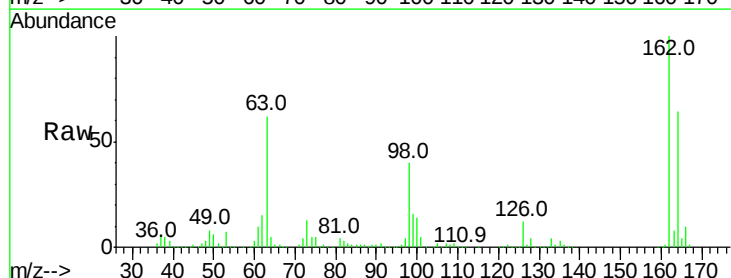
Tgt Ion: 162 Resp: 542288

Ion Ratio Lower Upper

162 100

164 63.8 46.8 86.8

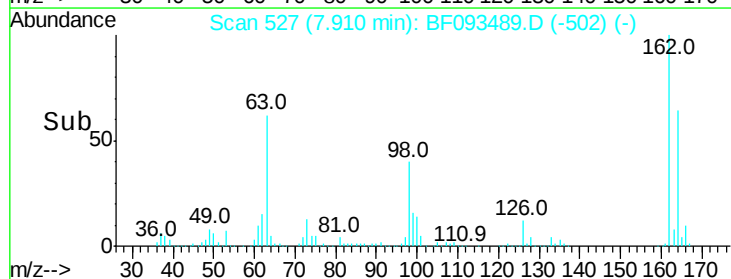
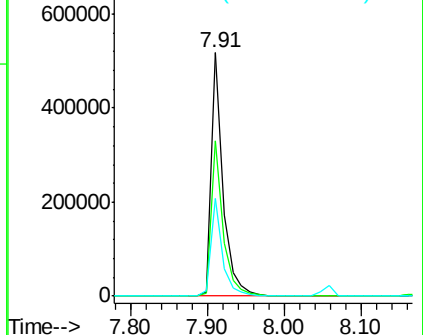
98 39.9 9.1 49.1

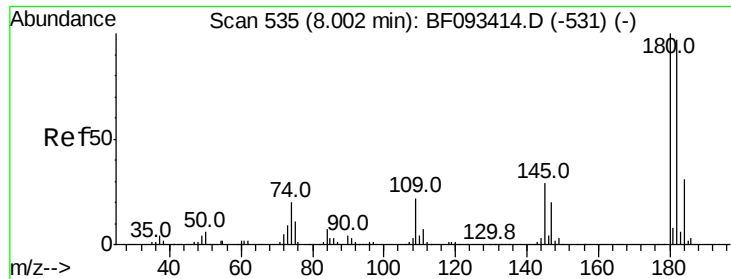


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

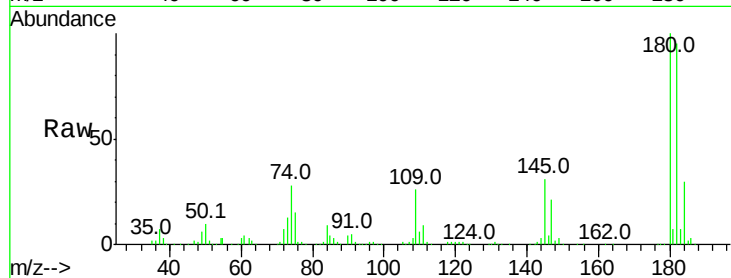




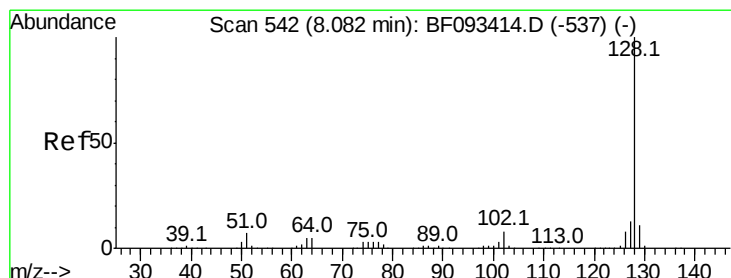
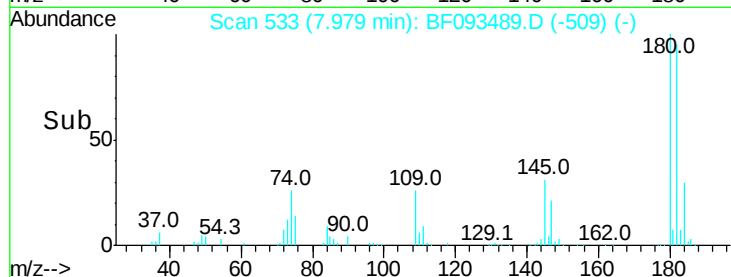
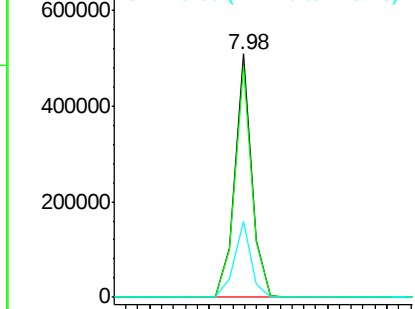
#30
 1,2,4-Trichlorobenzene
 Concen: 46.19 ng
 RT: 7.98 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF093489.D
 Acq: 9 Mar 2017 21:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMS

Tot Ion:180 Resp: 503866
 Ion Ratio Lower Upper
 180 100
 182 94.7 78.2 117.4
 145 31.4 21.6 32.4

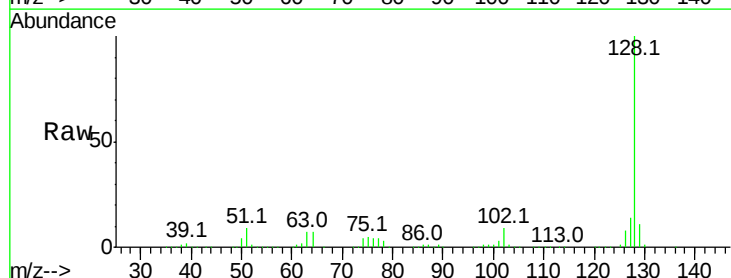


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

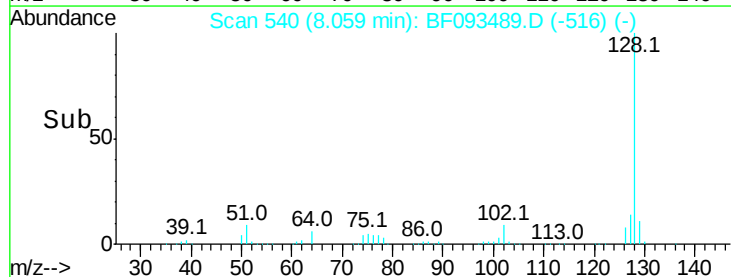
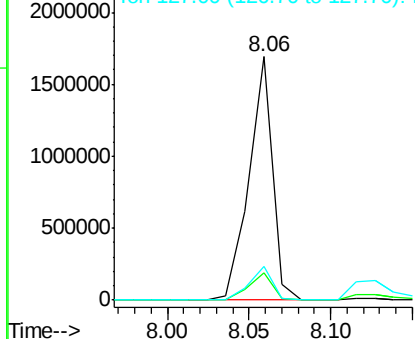


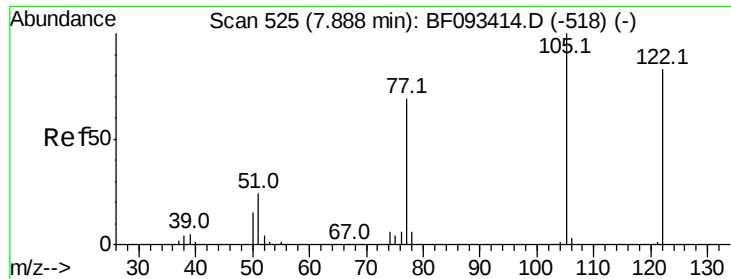
#31
 Naphthalene
 Concen: 46.39 ng
 RT: 8.06 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF093489.D
 Acq: 9 Mar 2017 21:39

Tgt Ion:128 Resp: 1685968
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.5 14.3
 127 13.9 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

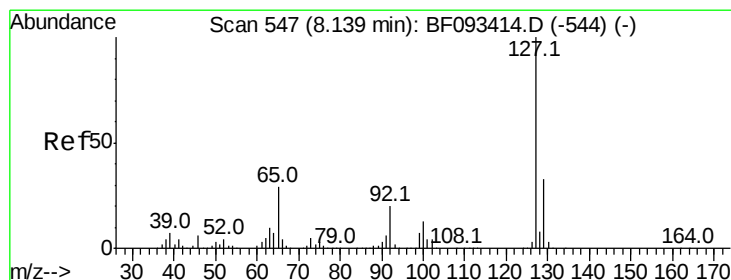
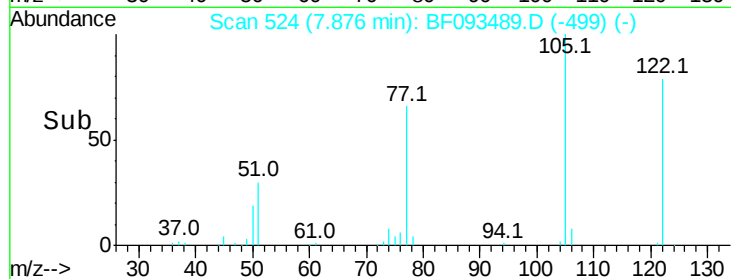
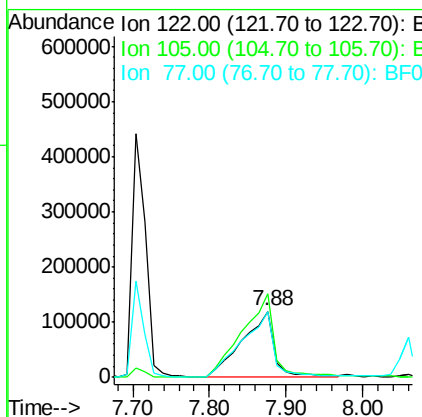
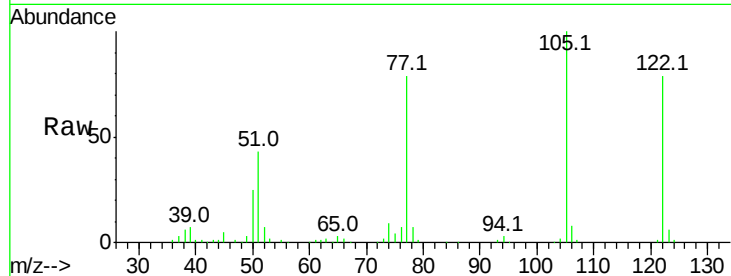




#32
Benzoic acid
Concen: 60.72 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

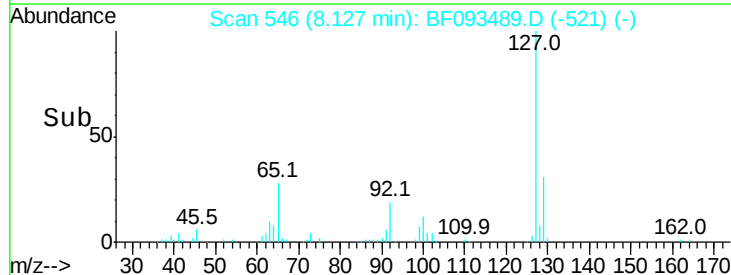
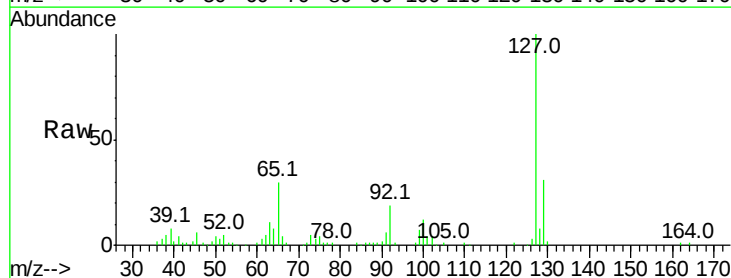
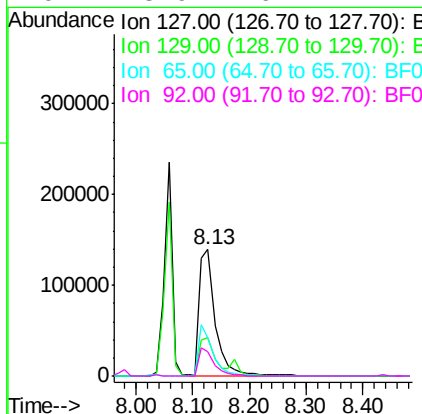
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

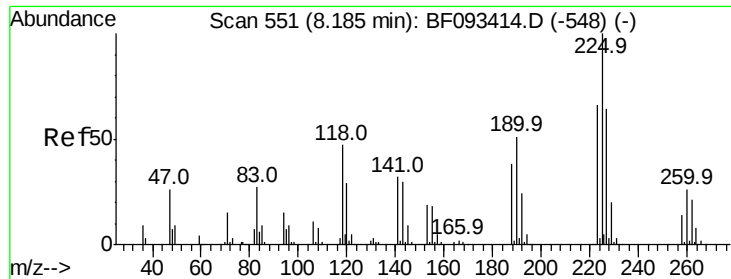
Tot Ion:122 Resp: 343993
Ion Ratio Lower Upper
122 100
105 126.8 107.2 147.2
77 100.6 74.5 114.5



#33
4-Chloroaniline
Concen: 18.12 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Tgt Ion:127 Resp: 267245
Ion Ratio Lower Upper
127 100
129 30.5 26.3 39.5
65 30.2 25.8 38.8
92 18.9 16.1 24.1

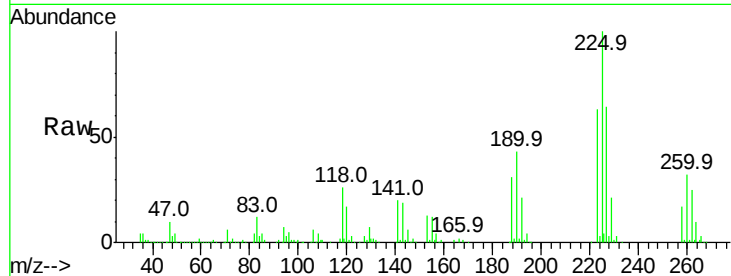




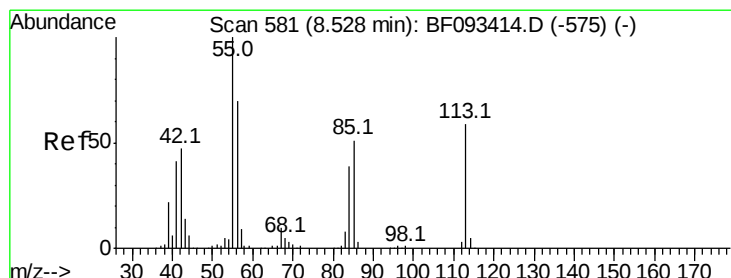
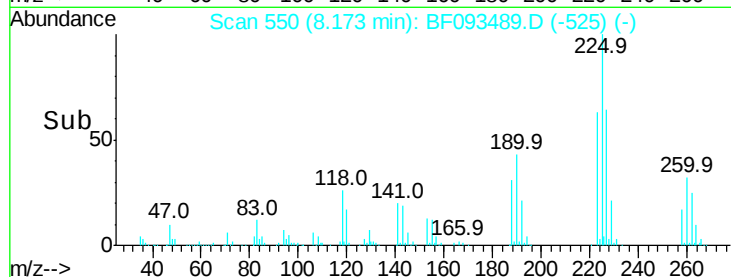
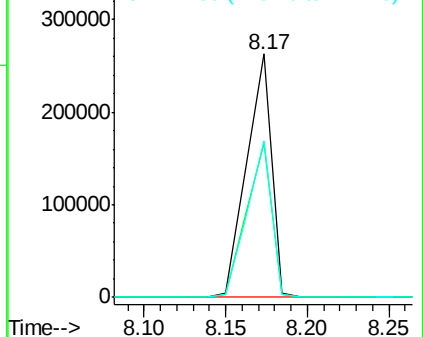
#34
Hexachlorobutadiene
Concen: 49.59 ng
RT: 8.17 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion:225 Resp: 278634
Ion Ratio Lower Upper
225 100
223 63.1 51.0 76.6
227 64.1 50.6 76.0

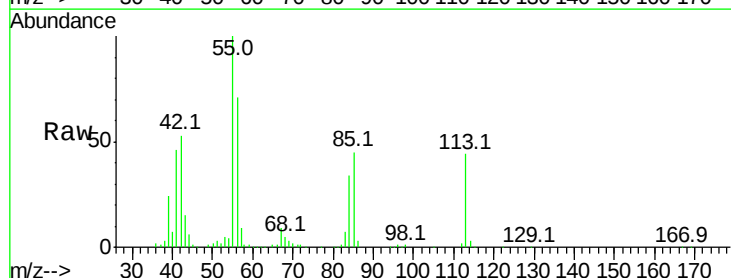


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

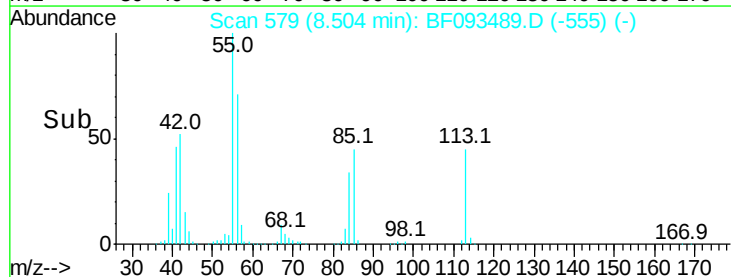
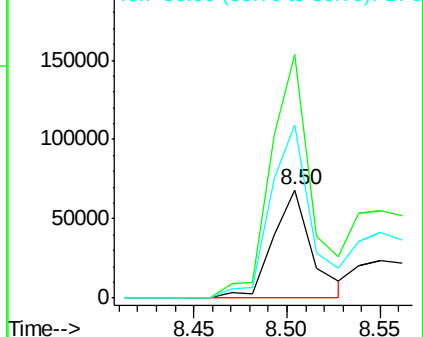


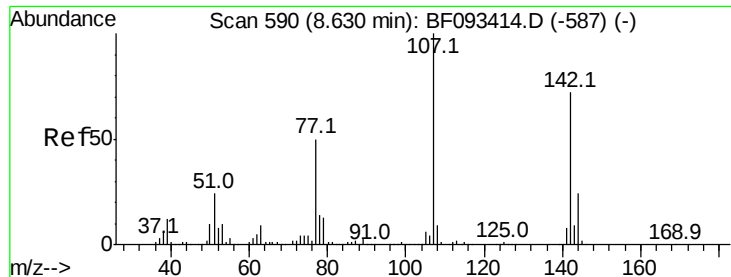
#35
Caprolactam
Concen: 28.13 ng
RT: 8.50 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Tgt Ion:113 Resp: 98536
Ion Ratio Lower Upper
113 100
55 224.9 119.2 159.2#
56 160.1 83.8 123.8#



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





#36

4-Chloro-3-methylphenol

Concen: 48.81 ng

RT: 8.62 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

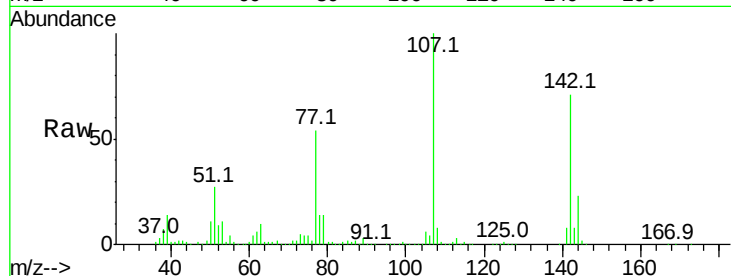
Tot Ion:107 Resp: 534423

Ion Ratio Lower Upper

107 100

144 22.6 19.3 28.9

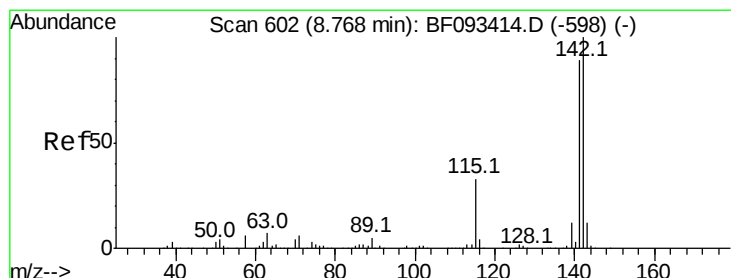
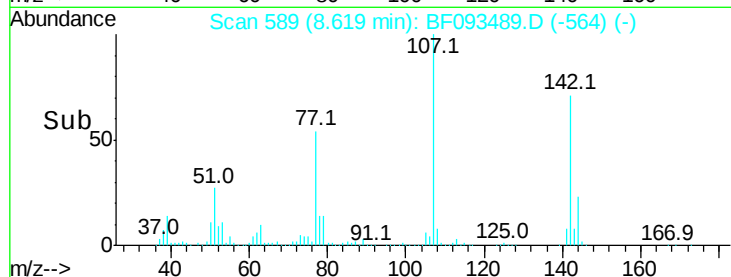
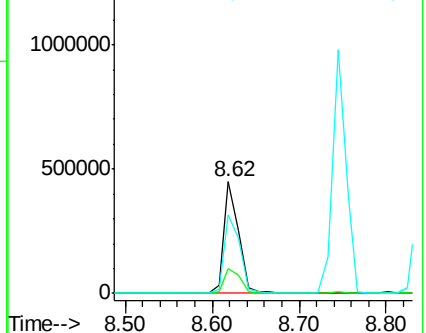
142 70.7 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 45.18 ng

RT: 8.74 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

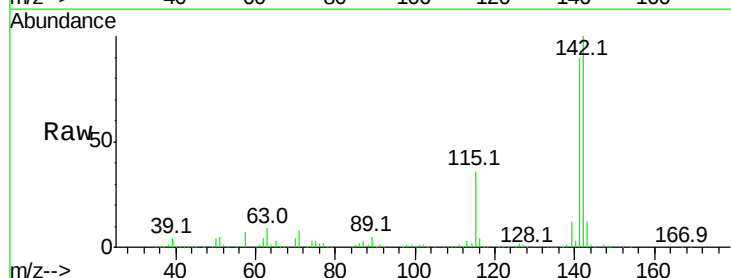
Tgt Ion:142 Resp: 1044786

Ion Ratio Lower Upper

142 100

141 89.9 71.0 106.6

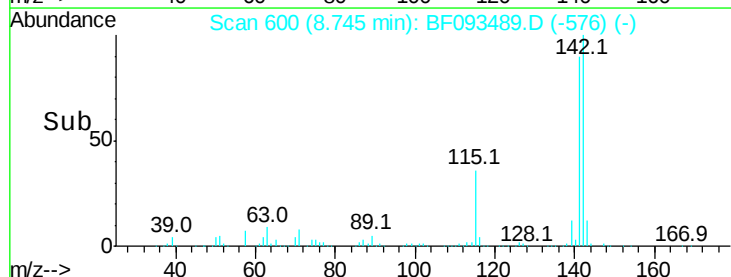
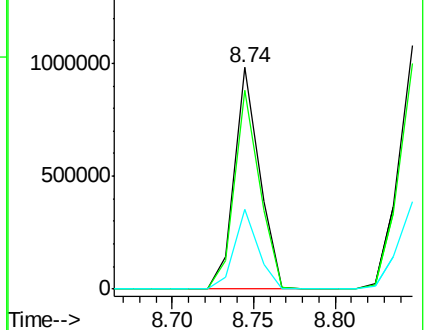
115 36.0 28.3 42.5

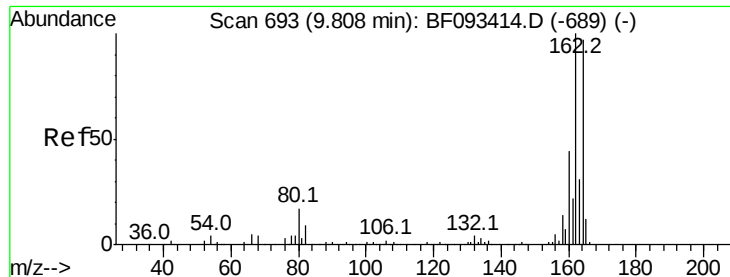


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

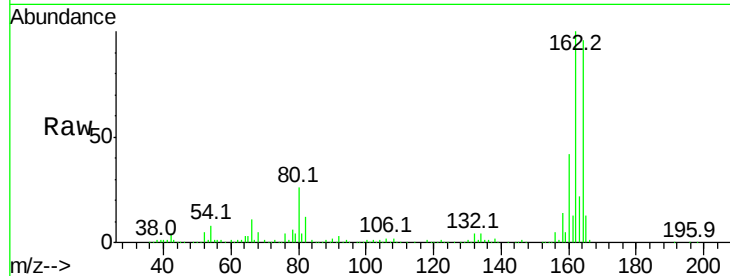




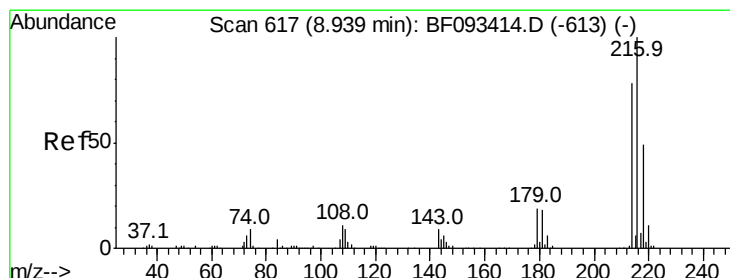
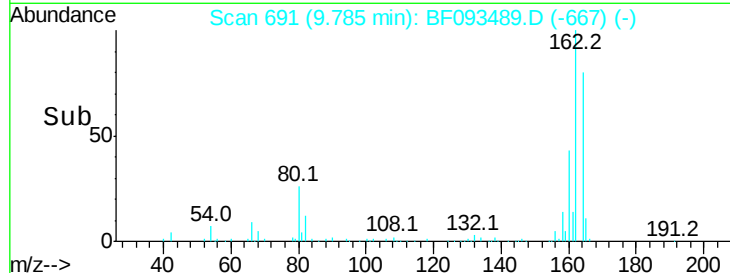
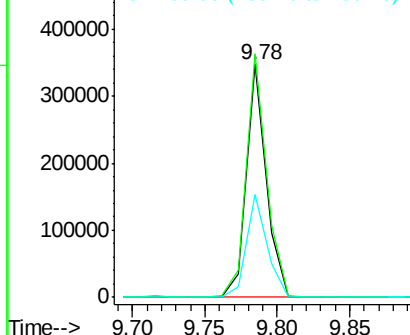
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion:164 Resp: 331890
Ion Ratio Lower Upper
164 100
162 104.4 80.2 120.2
160 44.3 36.9 55.3



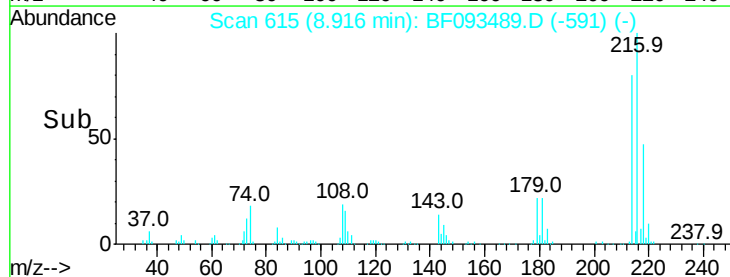
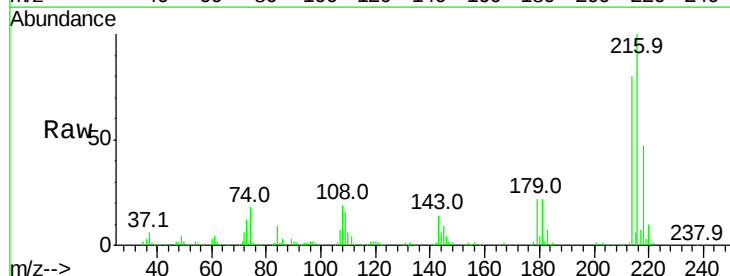
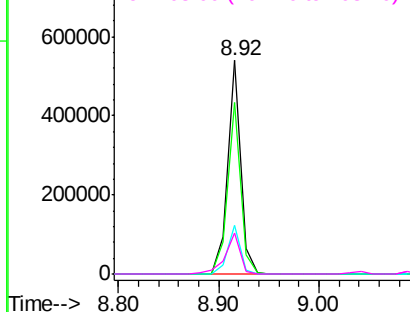
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

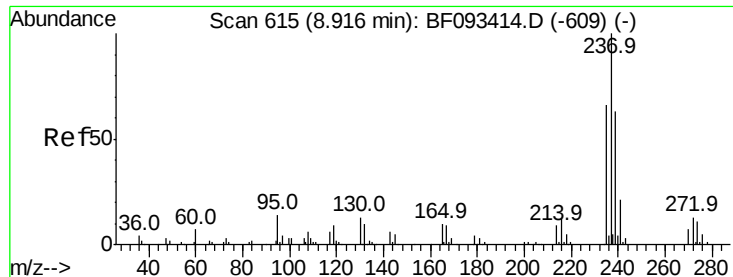


#39
1,2,4,5-Tetrachlorobenzene
Concen: 53.75 ng
RT: 8.92 min Scan# 615
Delta R.T. -0.02 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Tgt Ion:216 Resp: 487157
Ion Ratio Lower Upper
216 100
214 80.0 63.4 95.0
179 22.2 17.4 26.2
108 22.8 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

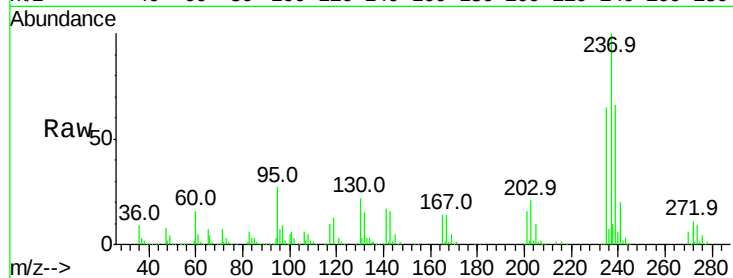




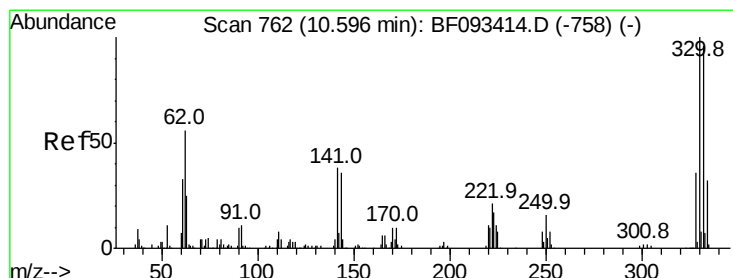
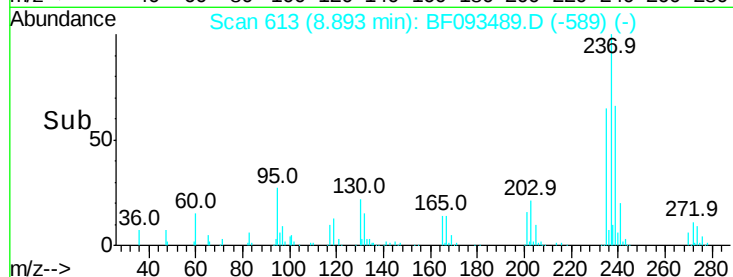
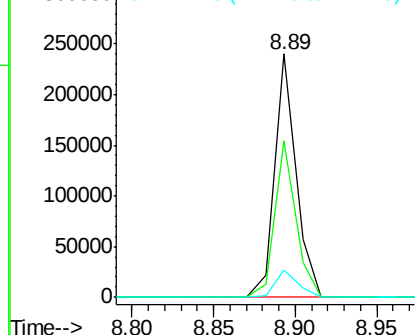
#40
Hexachlorocyclopentadiene
Concen: 93.77 ng
RT: 8.89 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion:237 Resp: 220043
Ion Ratio Lower Upper
237 100
235 64.5 41.2 81.2
272 11.5 0.0 35.4

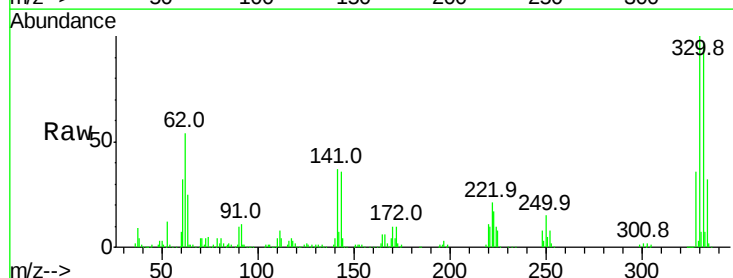


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

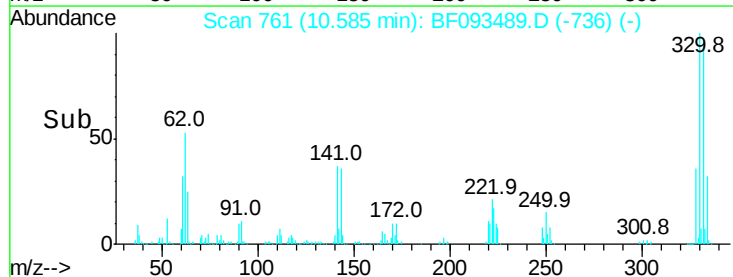
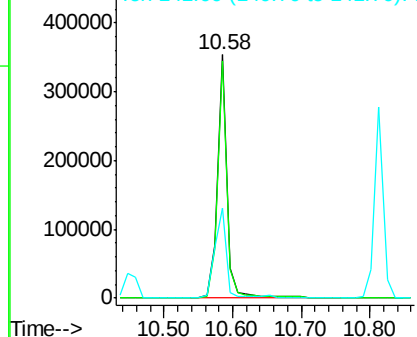


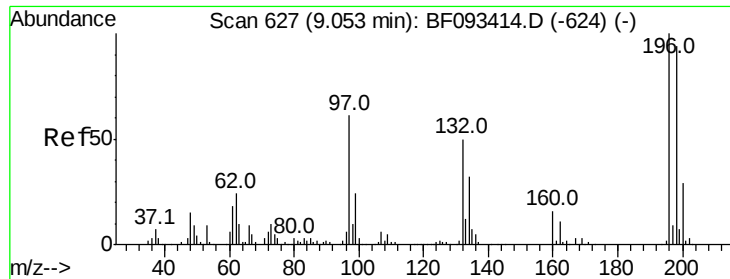
#41
2,4,6-Tribromophenol
Concen: 162.87 ng
RT: 10.58 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Tgt Ion:330 Resp: 352183
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.2
141 43.4 34.1 51.1



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





#42

2,4,6-Trichlorophenol

Concen: 59.83 ng

RT: 9.04 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

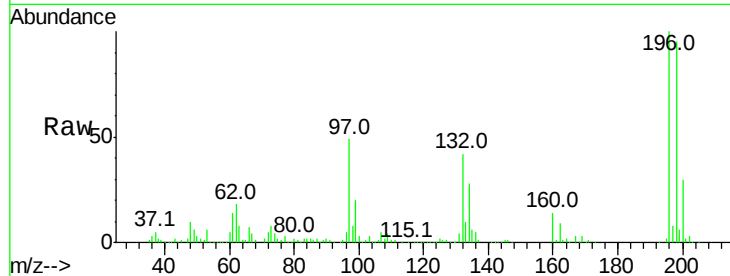
Tot Ion:196 Resp: 338785

Ion Ratio Lower Upper

196 100

198 95.2 82.1 123.1

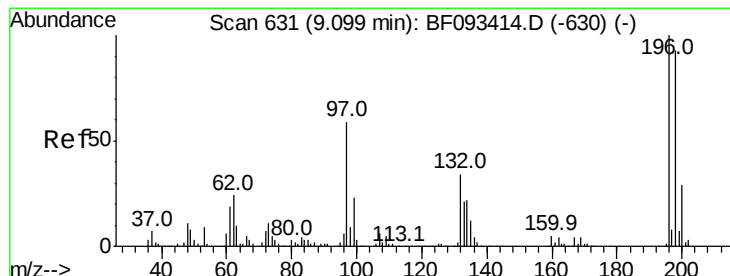
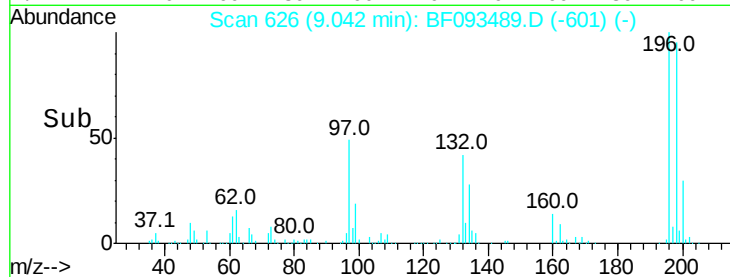
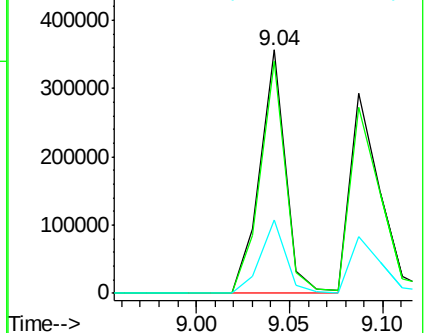
200 30.2 27.0 40.4



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: 55.44 ng

RT: 9.09 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Tgt Ion:196 Resp: 336810

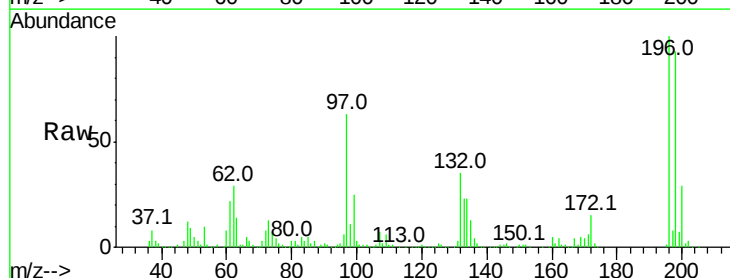
Ion Ratio Lower Upper

196 100

198 93.0 79.4 119.2

97 63.2 51.5 77.3

132 34.7 27.4 41.2

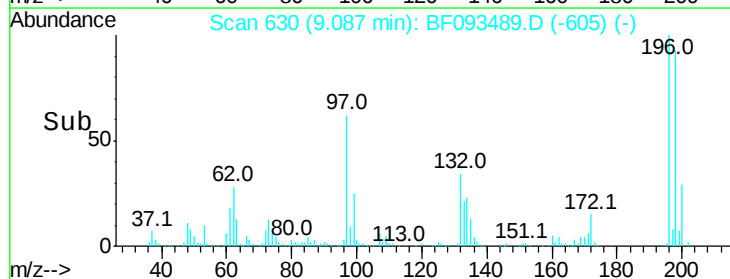
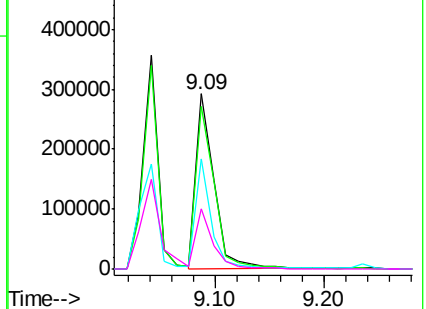


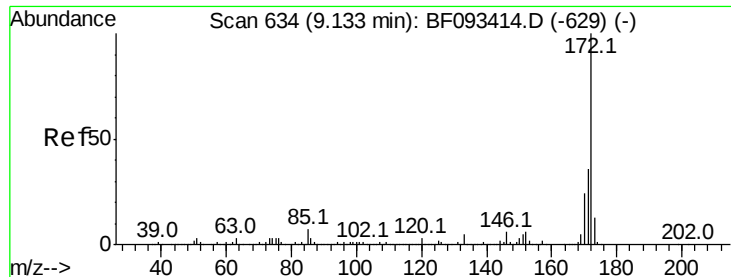
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 104.61 ng

RT: 9.11 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

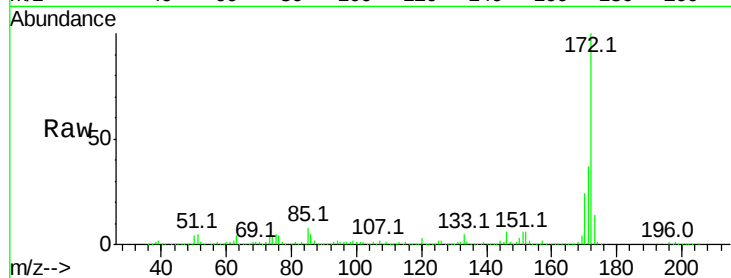
Tot Ion:172 Resp: 1866606

Ion Ratio Lower Upper

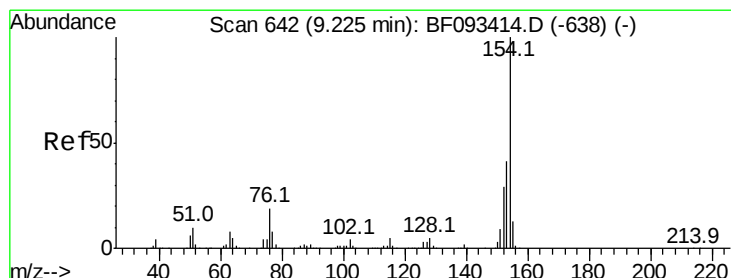
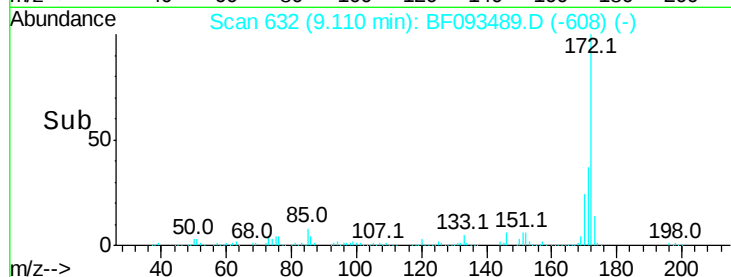
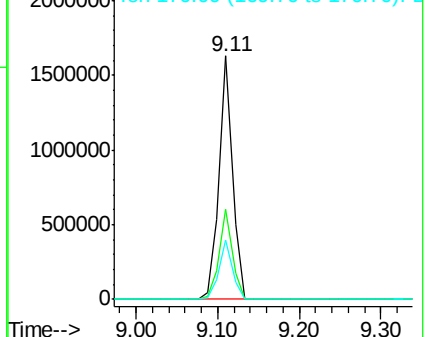
172 100

171 36.7 29.4 44.0

170 24.4 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: 54.64 ng

RT: 9.21 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

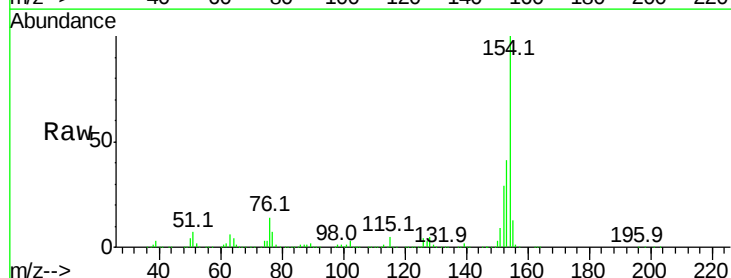
Tgt Ion:154 Resp: 1321041

Ion Ratio Lower Upper

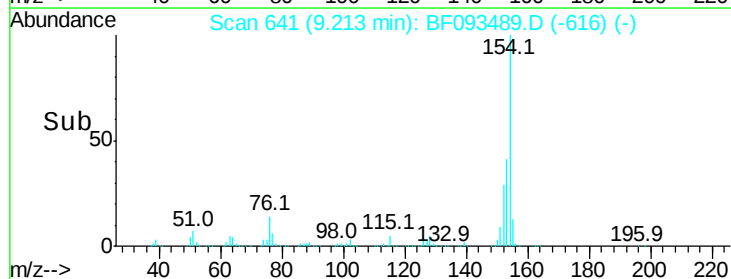
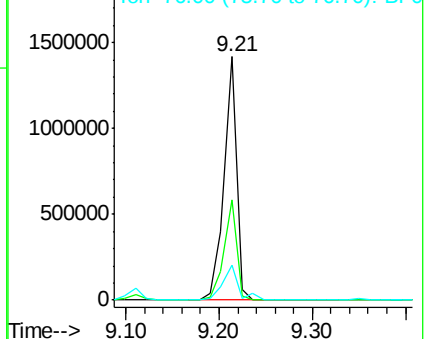
154 100

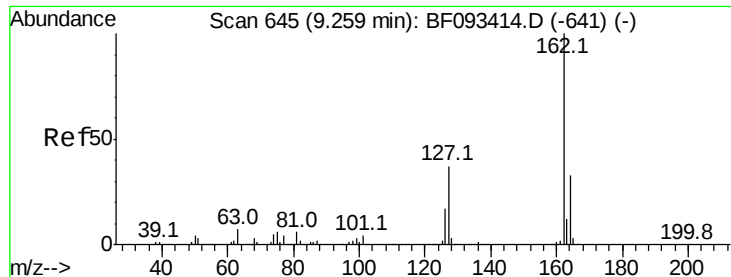
153 41.1 20.9 60.9

76 14.3 0.0 30.5



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

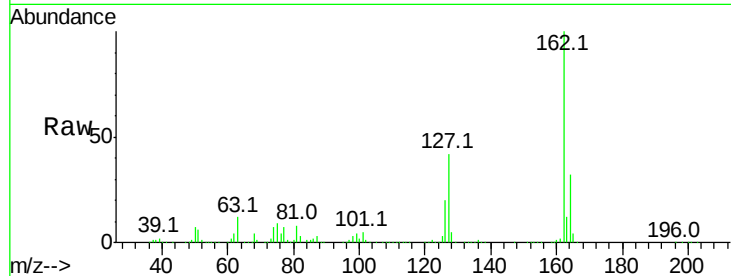




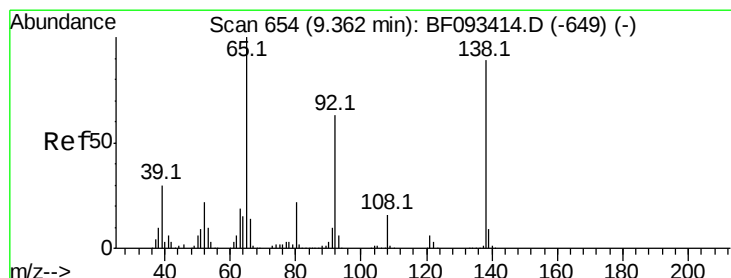
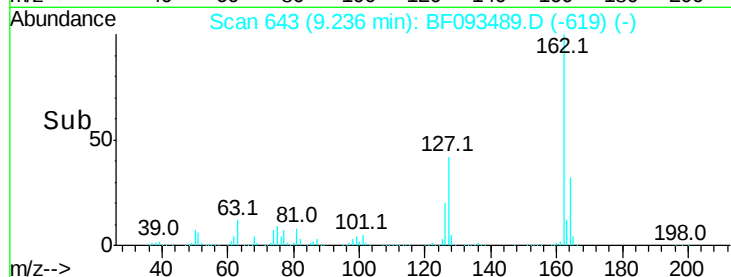
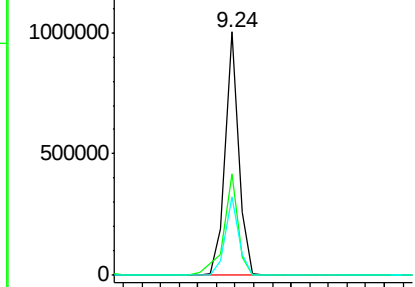
#46
2-Chloronaphthalene
Concen: 54.52 ng
RT: 9.24 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion:162 Resp: 1008942
Ion Ratio Lower Upper
162 100
127 41.6 30.7 46.1
164 32.4 27.6 41.4

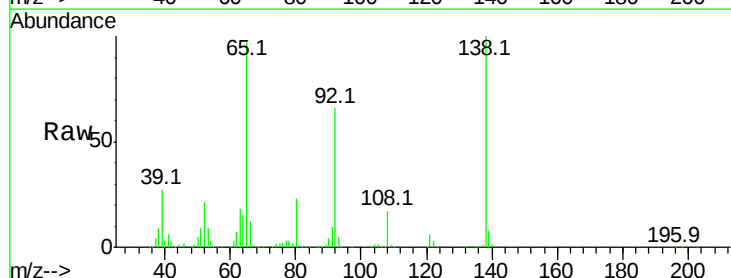


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

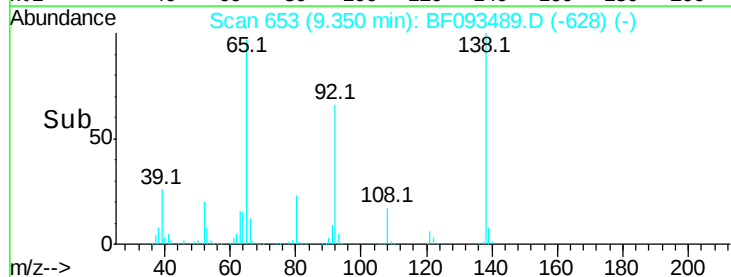
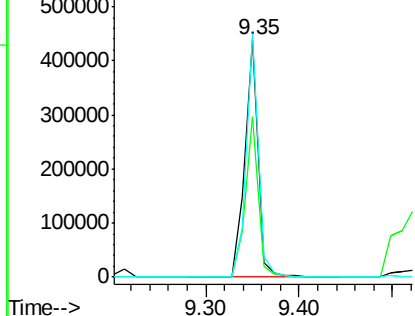


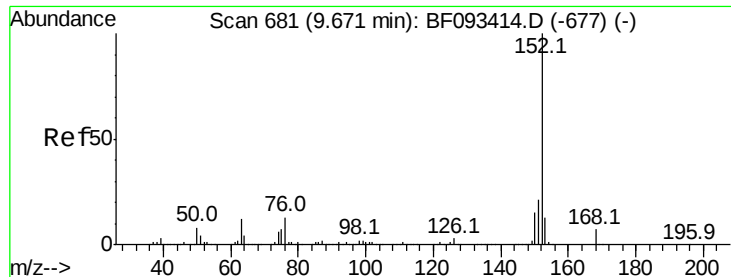
#47
2-Nitroaniline
Concen: 66.20 ng
RT: 9.35 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Tgt Ion: 65 Resp: 433116
Ion Ratio Lower Upper
65 100
92 67.6 53.9 80.9
138 102.6 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 49.48 ng

RT: 9.65 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

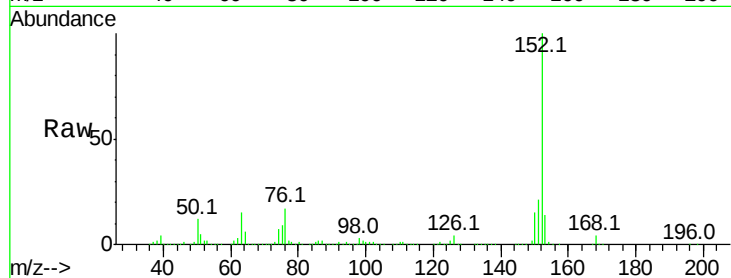
Tot Ion:152 Resp: 1510110

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

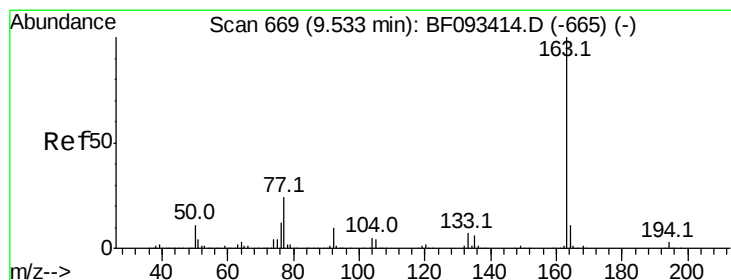
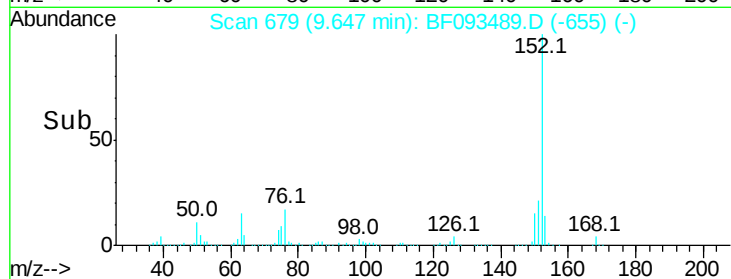
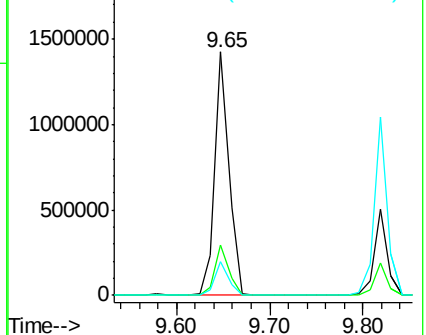
153 13.7 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 64.64 ng

RT: 9.52 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

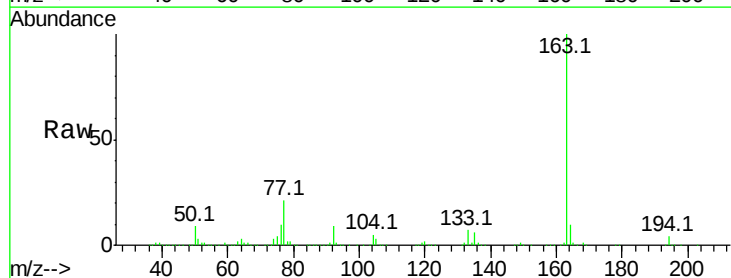
Tgt Ion:163 Resp: 1422346

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

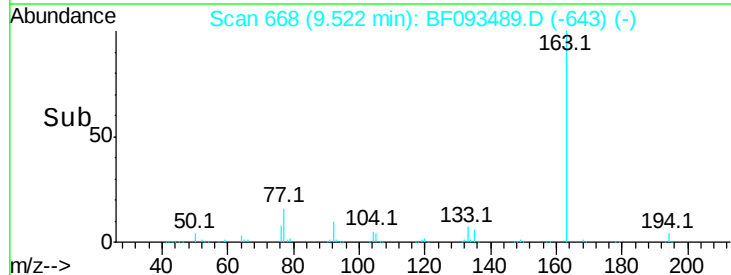
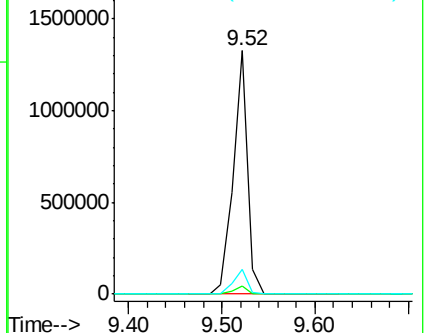
164 10.2 8.0 12.0

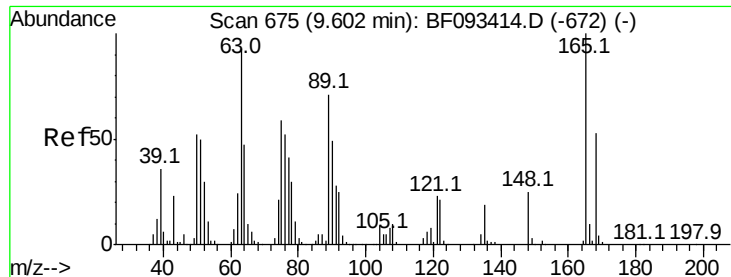


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

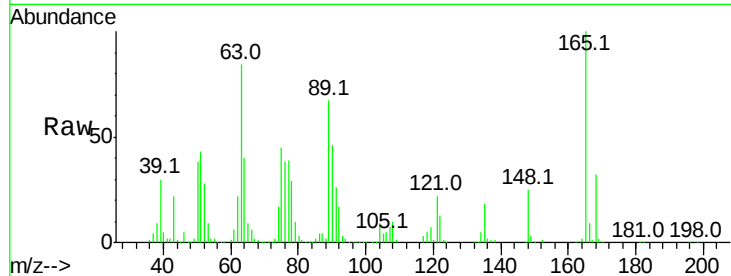




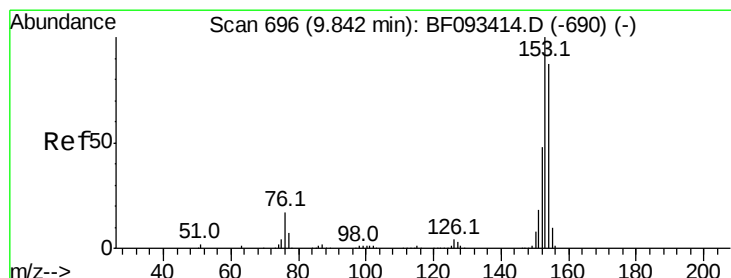
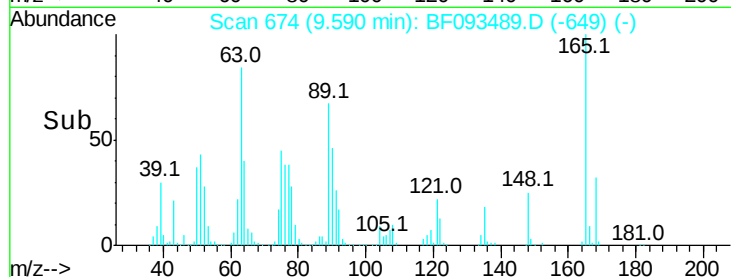
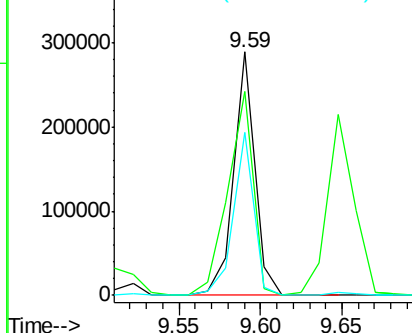
#50
2,6-Dinitrotoluene
Concen: 53.26 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion:165 Resp: 257129
Ion Ratio Lower Upper
165 100
63 84.0 36.2 54.4#
89 67.1 40.2 60.4#

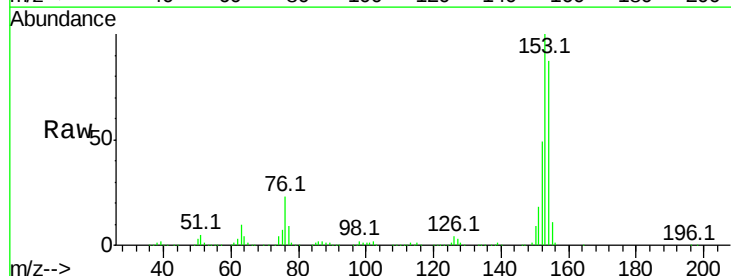


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

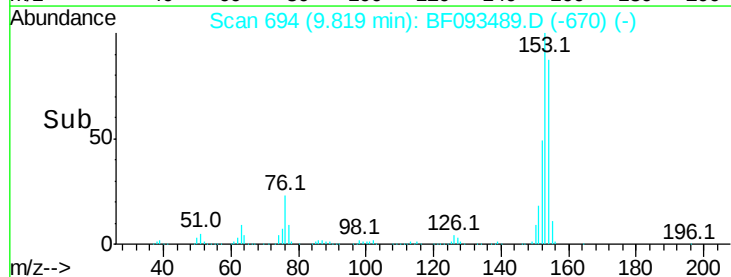
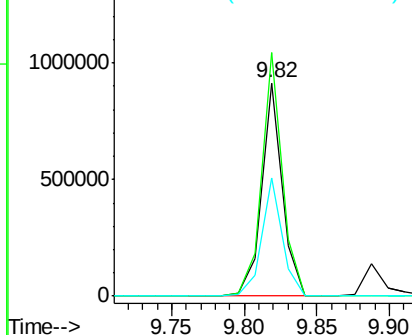


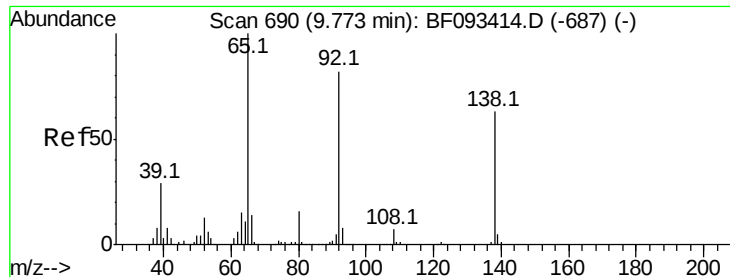
#51
Acenaphthene
Concen: 49.82 ng
RT: 9.82 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Tgt Ion:154 Resp: 899177
Ion Ratio Lower Upper
154 100
153 114.3 88.6 133.0
152 55.5 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 30.94 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

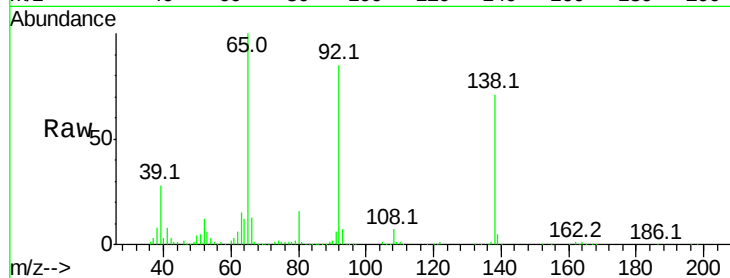
Tot Ion:138 Resp: 179443

Ion Ratio Lower Upper

138 100

108 10.2 8.5 12.7

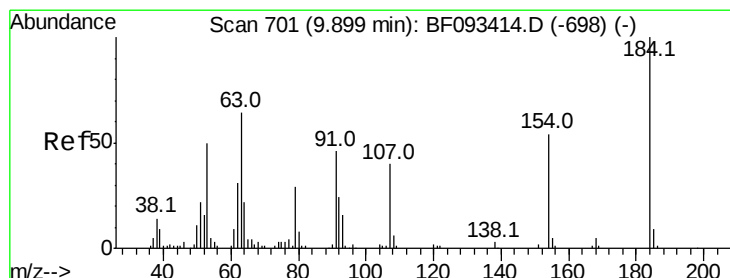
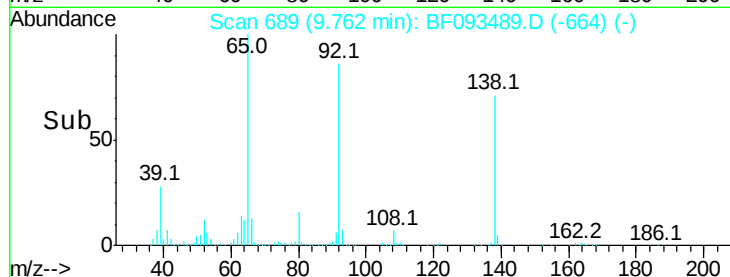
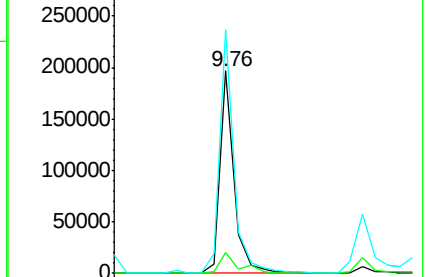
92 120.4 97.8 146.8



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): E



#53

2,4-Dinitrophenol

Concen: 114.52 ng

RT: 9.89 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

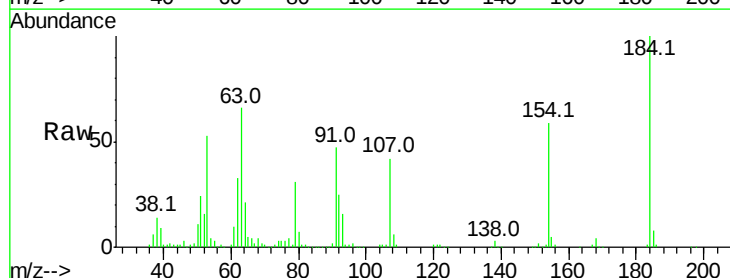
Tgt Ion:184 Resp: 251800

Ion Ratio Lower Upper

184 100

63 66.2 28.4 42.6#

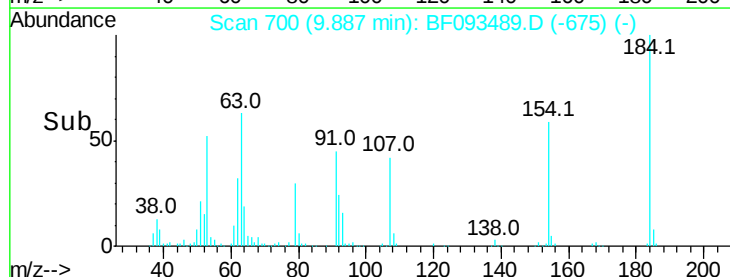
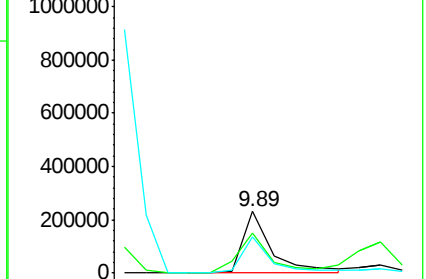
154 59.4 44.3 66.5

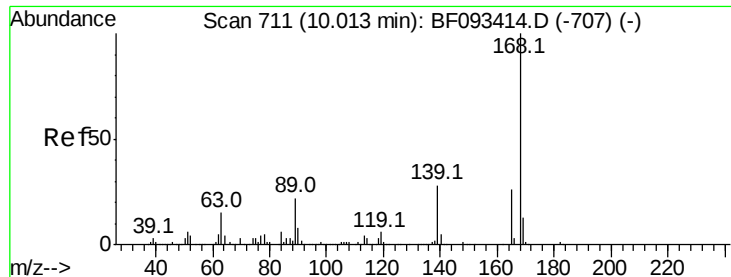


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

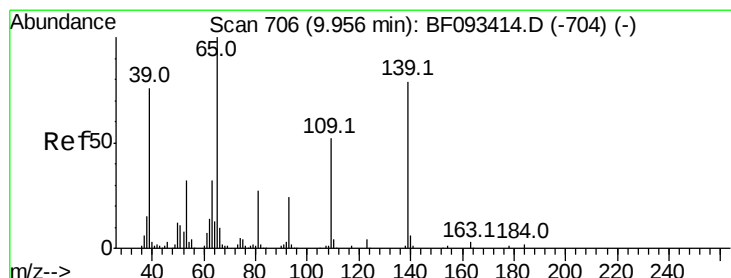
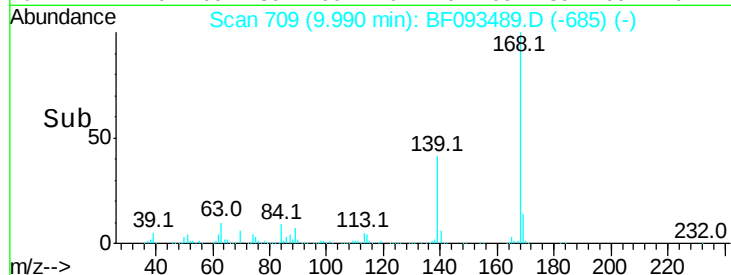
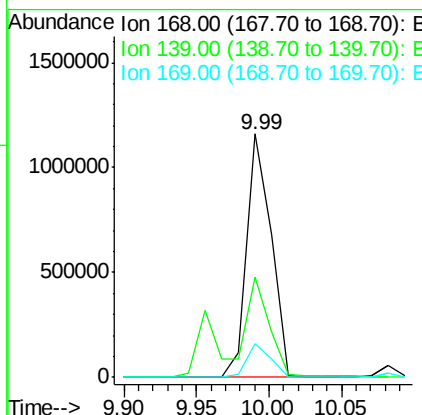
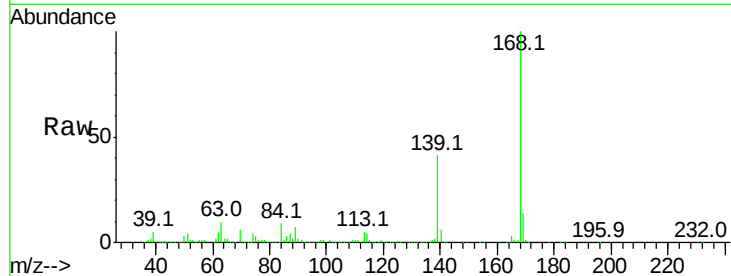




#54
Dibenzofuran
Concen: 59.63 ng
RT: 9.99 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

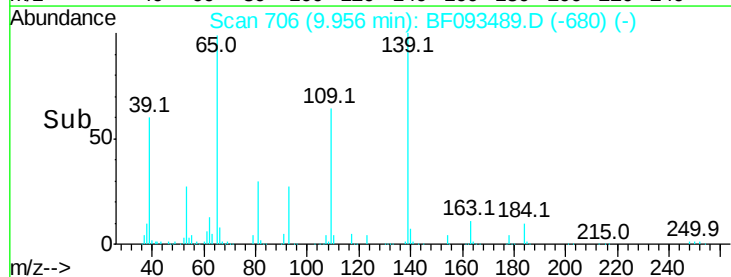
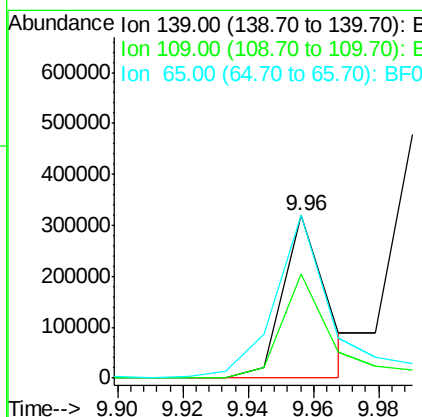
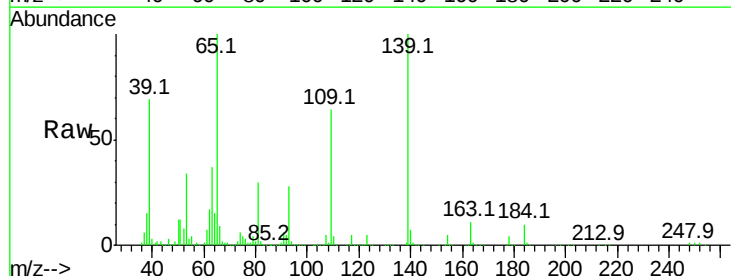
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

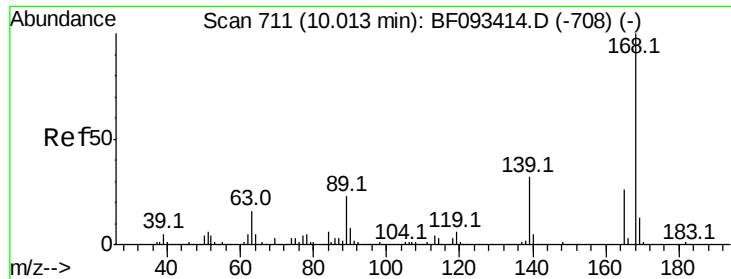
Tot Ion:168 Resp: 1347164
Ion Ratio Lower Upper
168 100
139 41.2 32.6 49.0
169 13.8 11.3 16.9



#55
4-Nitrophenol
Concen: 104.22 ng
RT: 9.96 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Tgt Ion:139 Resp: 293613
Ion Ratio Lower Upper
139 100
109 64.2 52.2 92.2
65 100.4 85.8 125.8





#56

2,4-Dinitrotoluene

Concen: 56.84 ng

RT: 10.00 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

Tot Ion:165 Resp: 337118

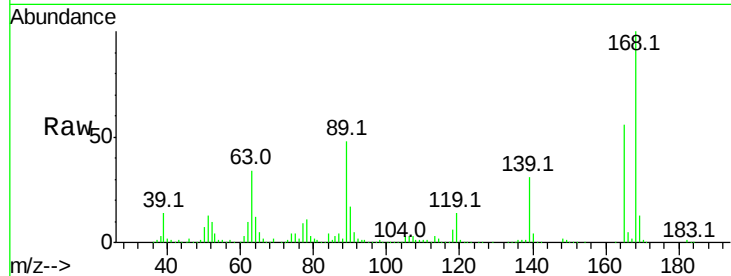
Ion Ratio Lower Upper

165 100

63 61.4 40.2 60.4#

89 85.9 62.5 93.7

182 2.3 1.8 2.8

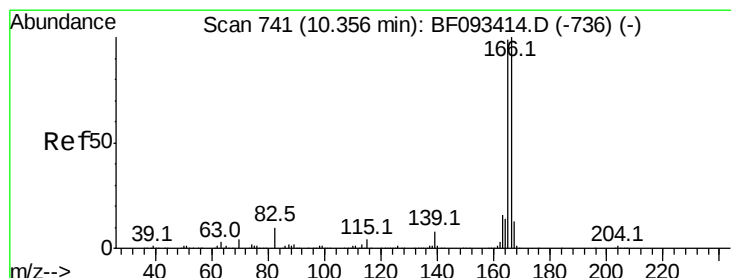
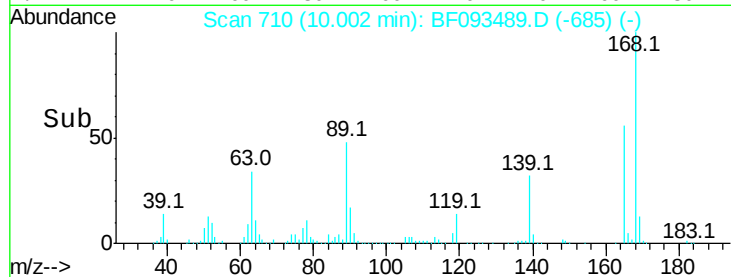
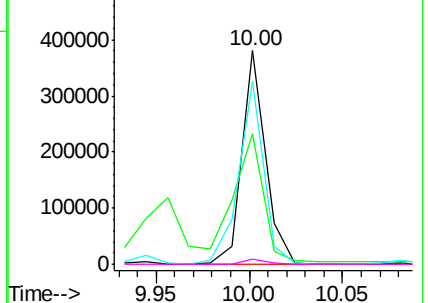


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 53.46 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

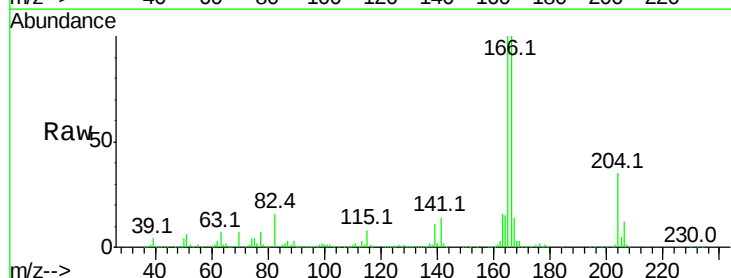
Tgt Ion:166 Resp: 1023433

Ion Ratio Lower Upper

166 100

165 99.5 77.8 116.8

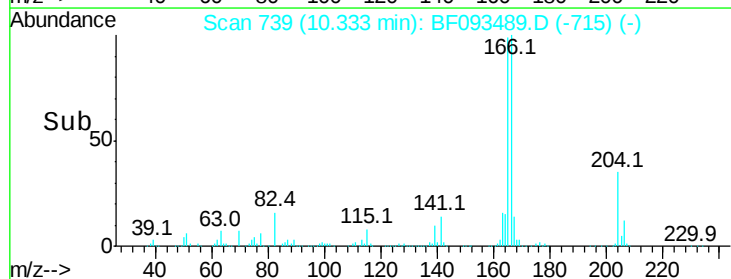
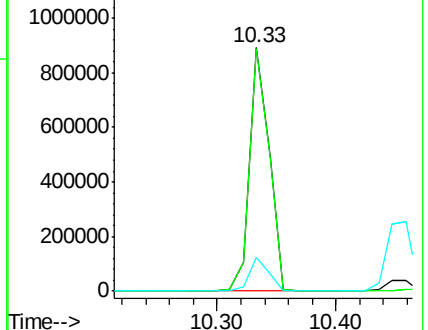
167 13.7 10.8 16.2

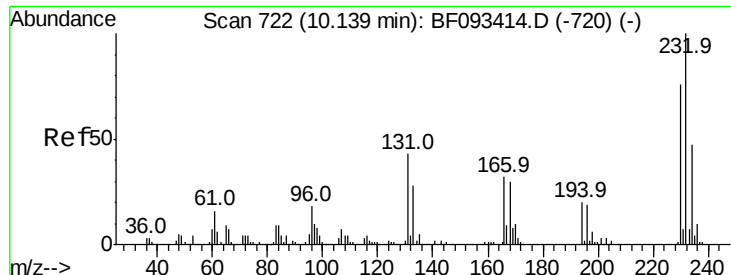


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

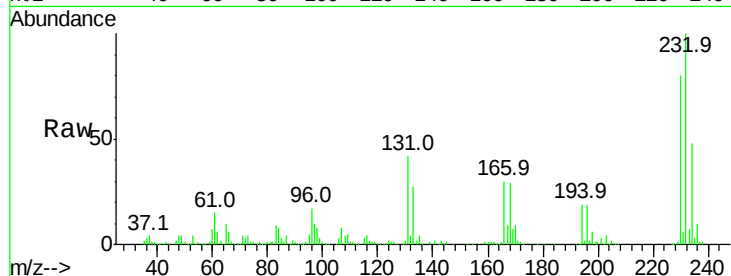




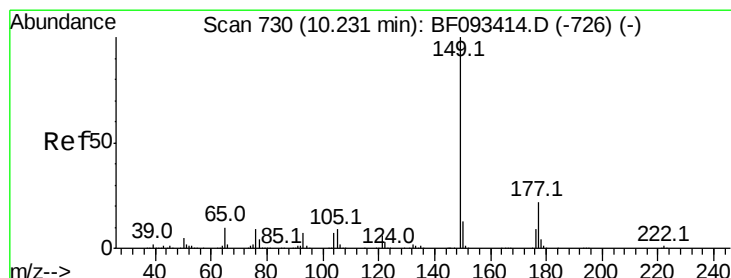
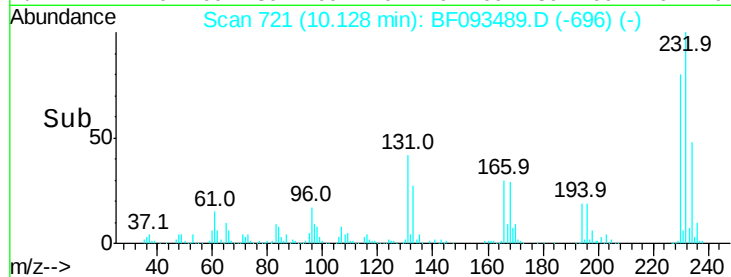
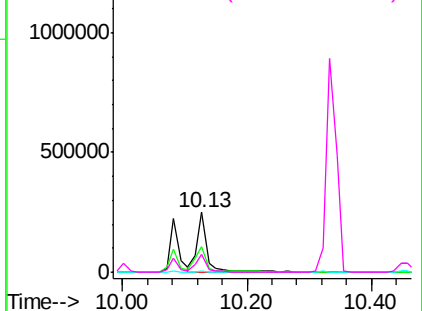
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 66.11 ng
 RT: 10.13 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF093489.D
 Acq: 9 Mar 2017 21:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMS

Tot Ion:232 Resp: 283444
 Ion Ratio Lower Upper
 232 100
 131 43.8 40.1 60.1
 130 2.7 1.8 2.8
 166 29.4 26.6 39.8

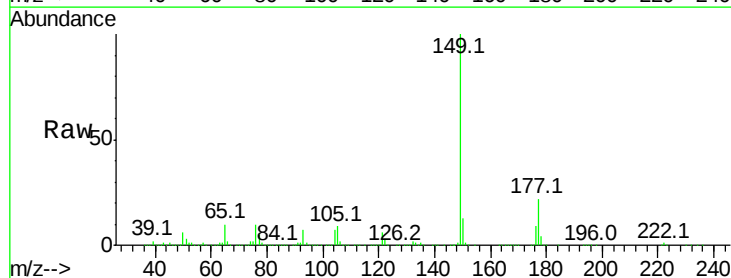


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

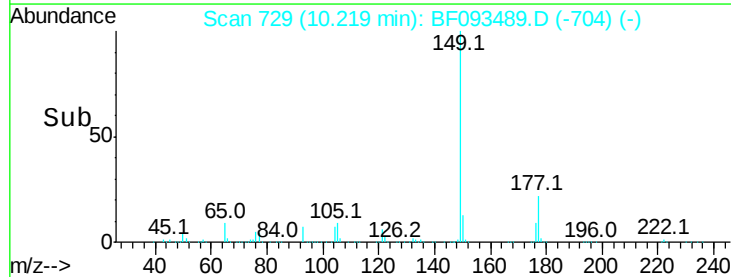
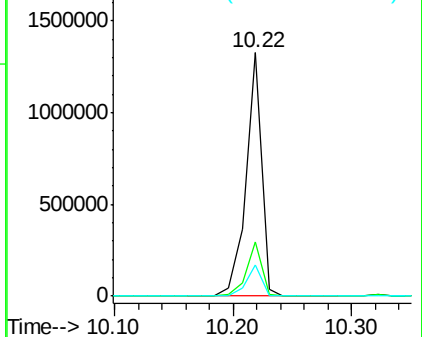


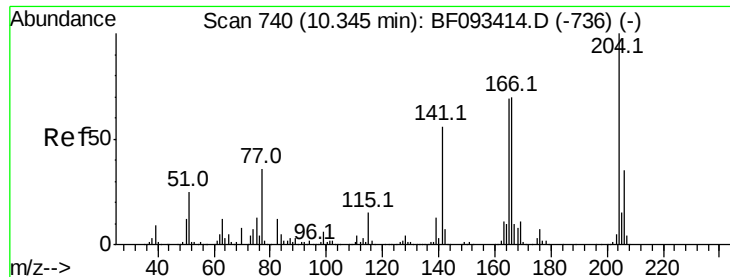
#59
 Diethylphthalate
 Concen: 58.03 ng
 RT: 10.22 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF093489.D
 Acq: 9 Mar 2017 21:39

Tgt Ion:149 Resp: 1220362
 Ion Ratio Lower Upper
 149 100
 177 22.4 16.6 25.0
 150 12.9 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

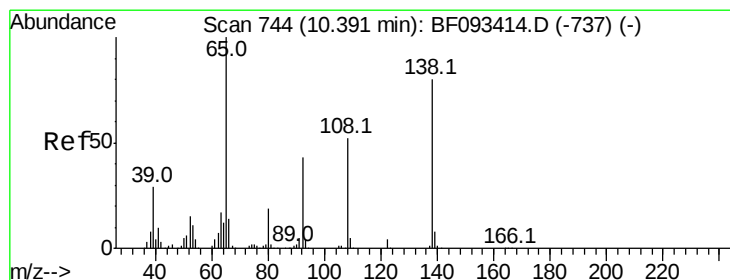
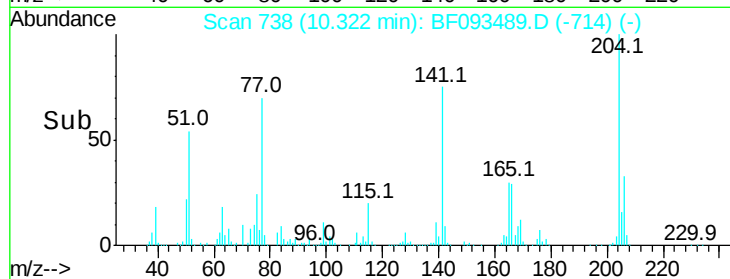
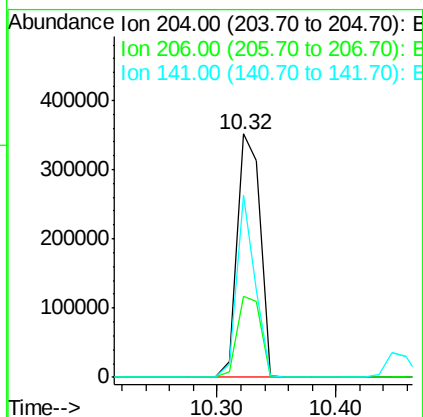
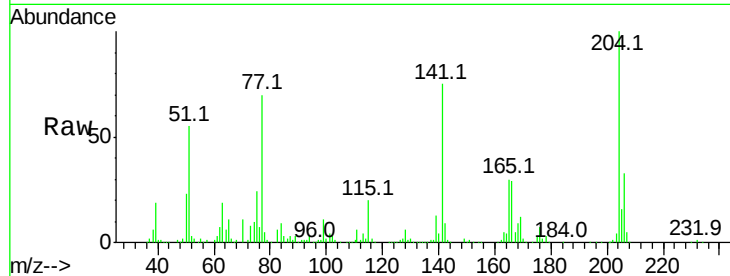




#60
4-Chlorophenyl-phenylether
Concen: 55.32 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

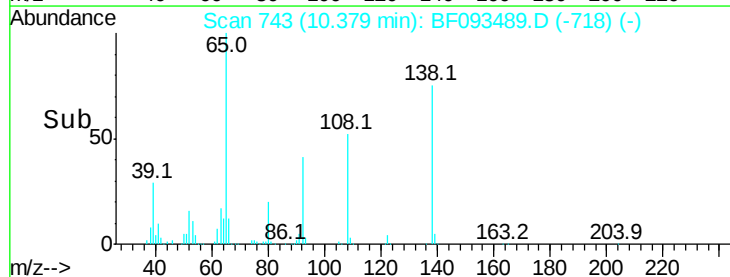
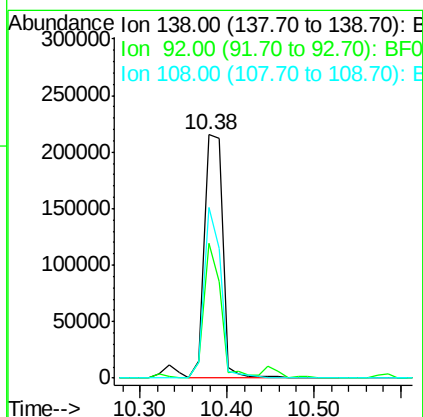
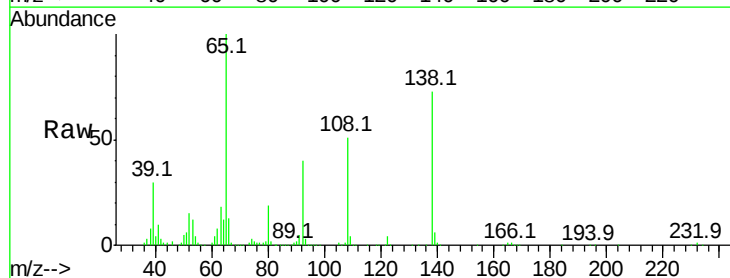
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

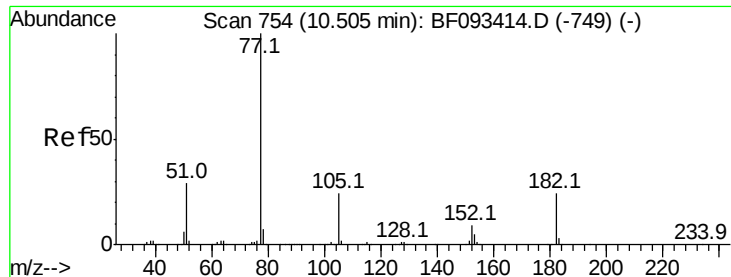
Tot Ion:204 Resp: 474645
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 74.8 59.4 89.0



#61
4-Nitroaniline
Concen: 53.73 ng
RT: 10.38 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Tgt Ion:138 Resp: 318730
Ion Ratio Lower Upper
138 100
92 55.5 31.7 71.7
108 69.9 52.6 92.6





#62

Azobenzene

Concen: 63.73 ng

RT: 10.49 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

Tot Ion: 77 Resp: 1522871

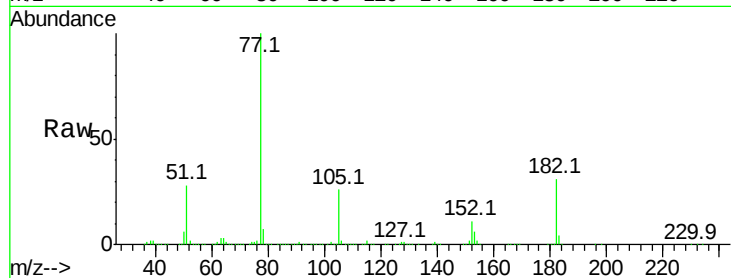
Ion Ratio Lower Upper

77 100

182 30.7 0.0 39.3

105 26.0 2.3 42.3

51 27.8 8.9 48.9

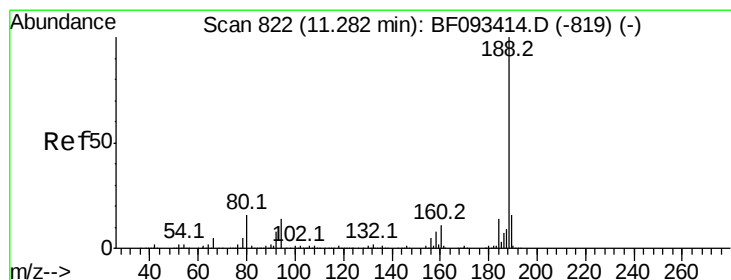
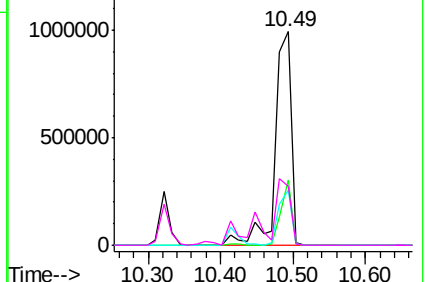
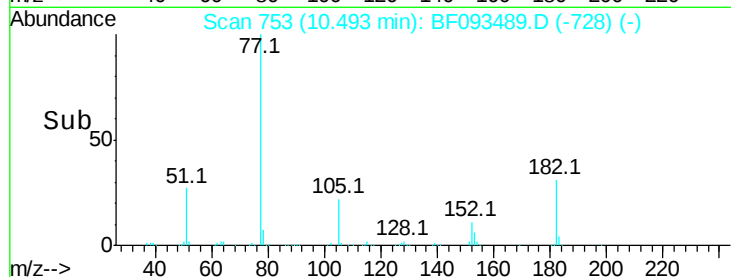


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.27 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

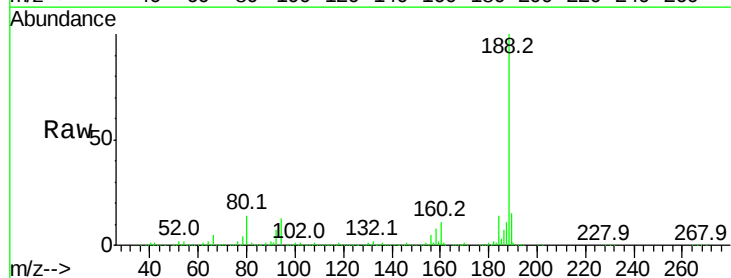
Tgt Ion: 188 Resp: 618588

Ion Ratio Lower Upper

188 100

94 12.5 10.0 15.0

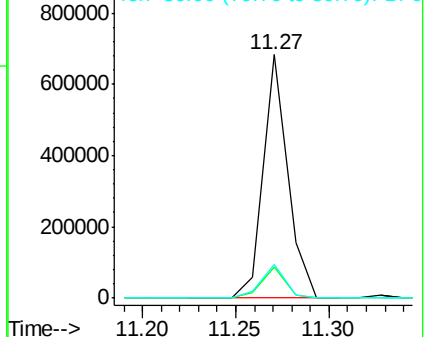
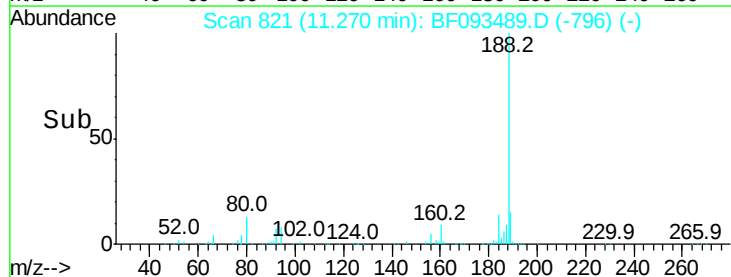
80 13.6 11.2 16.8

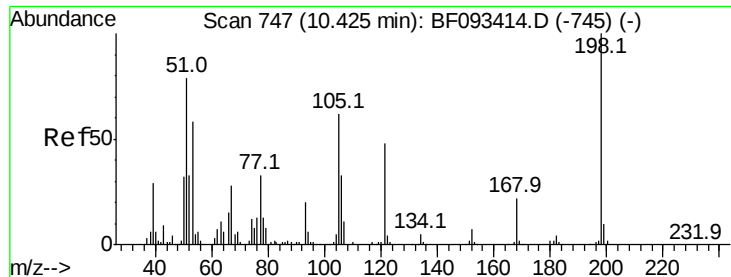


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 49.39 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

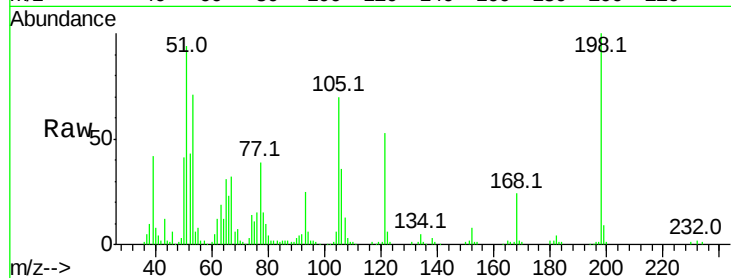
Tot Ion:198 Resp: 197961

Ion Ratio Lower Upper

198 100

51 94.2 6.7 46.7#

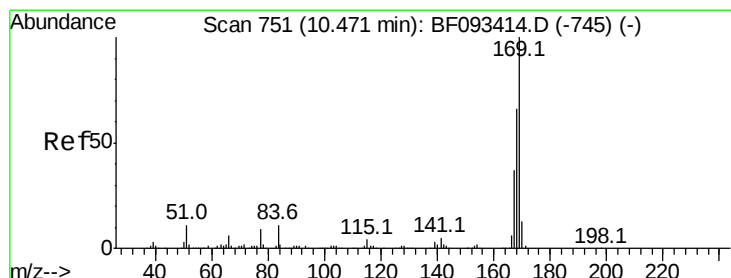
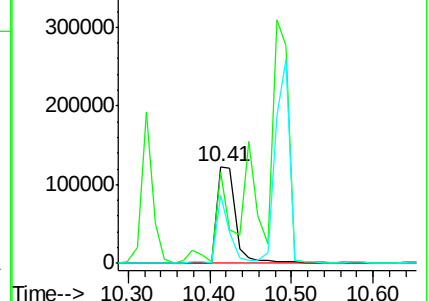
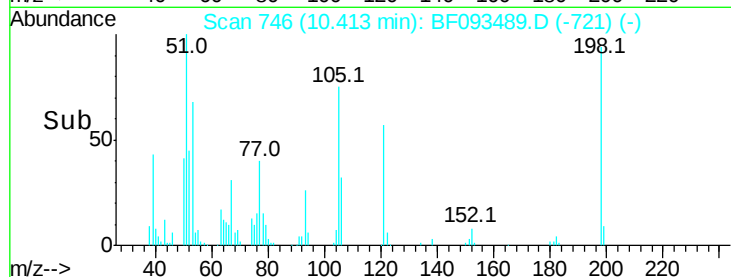
105 69.9 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 47.64 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

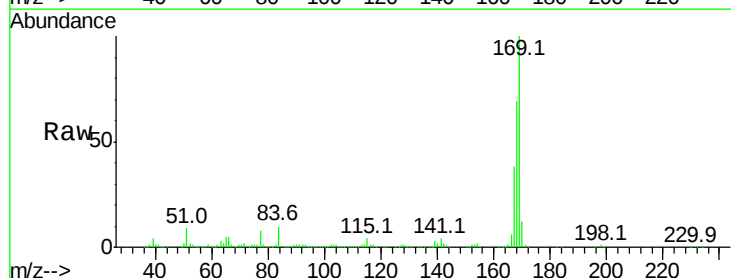
Tgt Ion:169 Resp: 983983

Ion Ratio Lower Upper

169 100

168 68.8 54.2 81.2

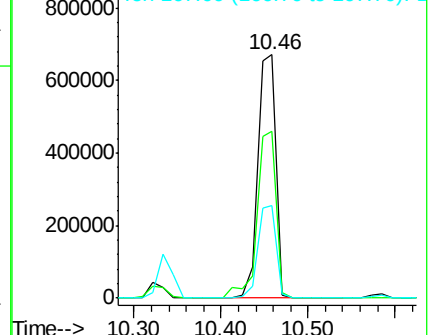
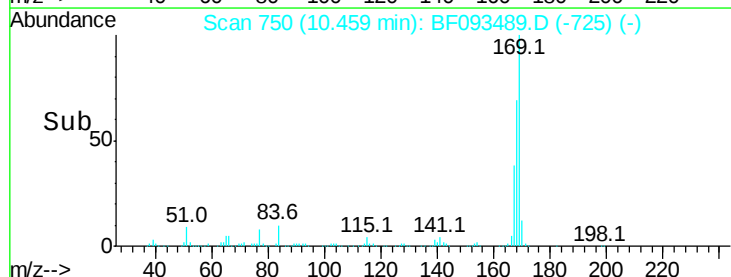
167 38.0 30.2 45.4

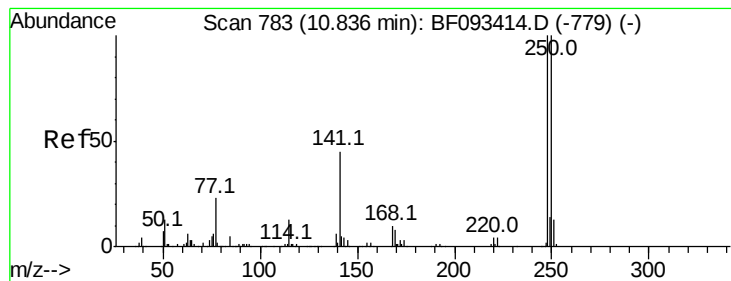


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 43.64 ng

RT: 10.81 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

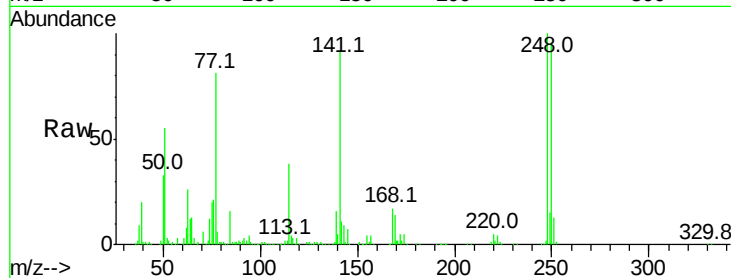
Tot Ion:248 Resp: 285441

Ion Ratio Lower Upper

248 100

250 96.0 76.9 115.3

141 91.8 68.2 102.4

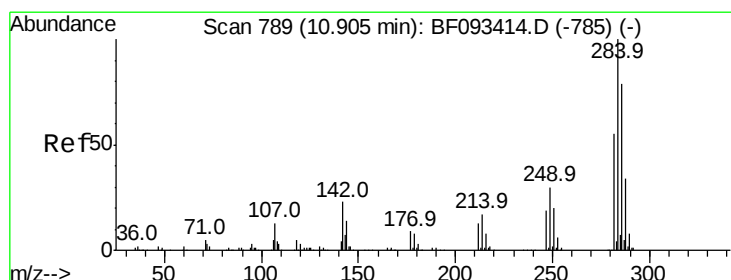
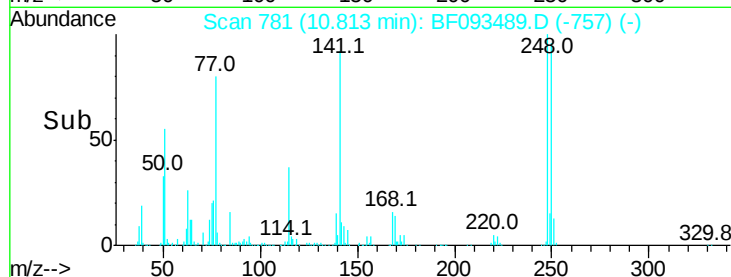
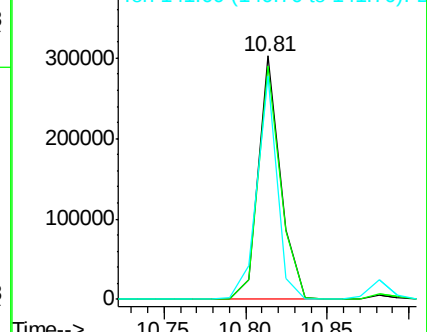


Abundance

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: 45.75 ng

RT: 10.88 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

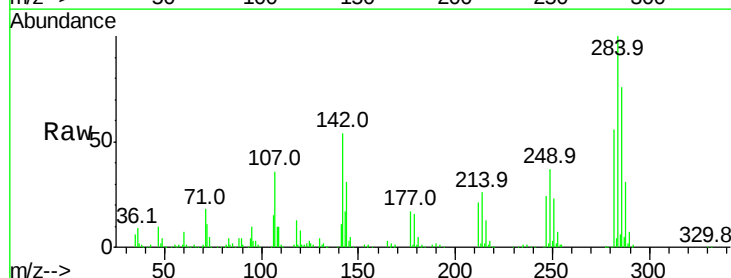
Tgt Ion:284 Resp: 285787

Ion Ratio Lower Upper

284 100

142 53.8 22.6 33.8#

249 37.0 25.4 38.0

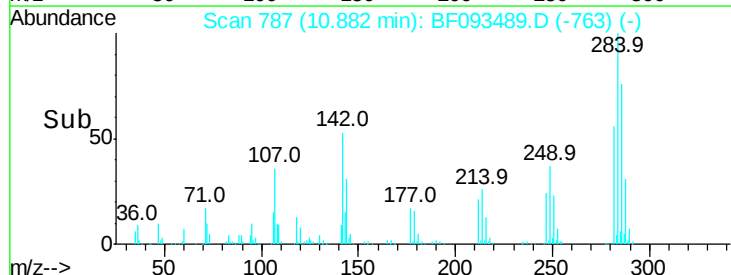
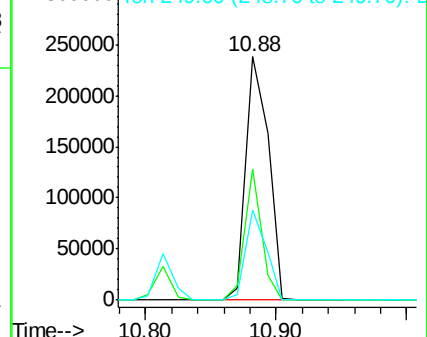


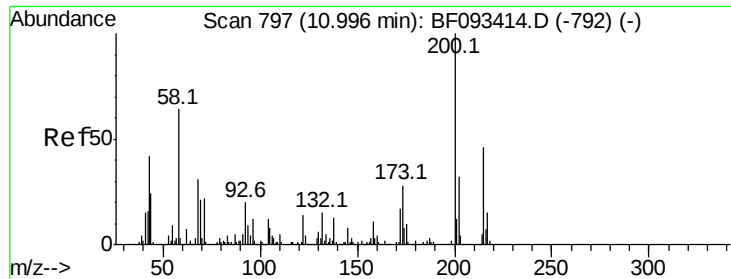
Abundance

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

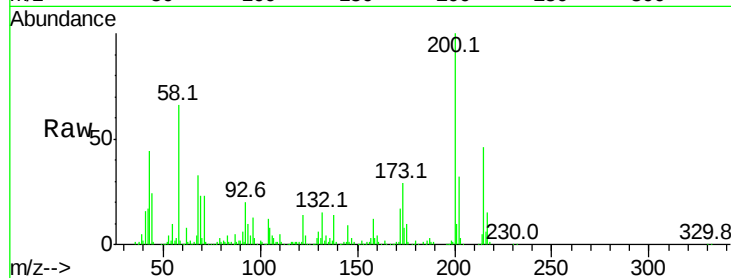




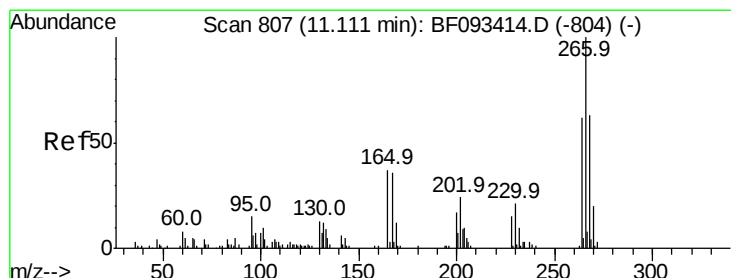
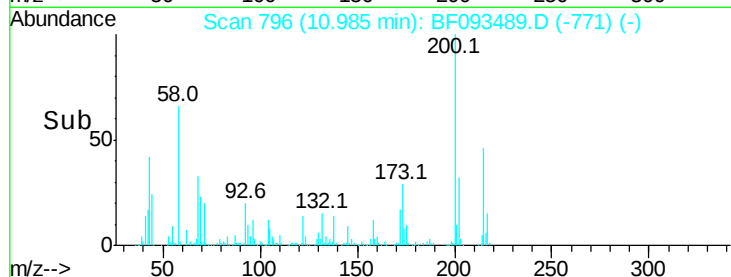
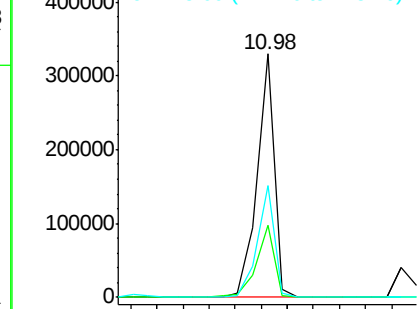
#68
Atrazine
Concen: 50.39 ng
RT: 10.98 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.4	9.6	49.6
215	46.0	25.7	65.7

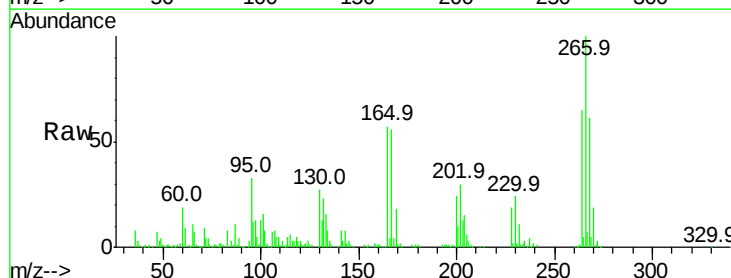


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

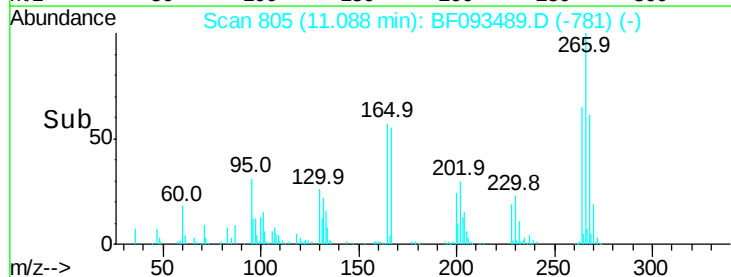
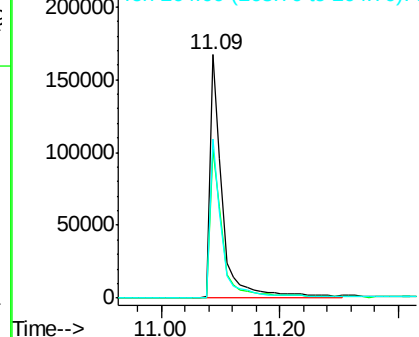


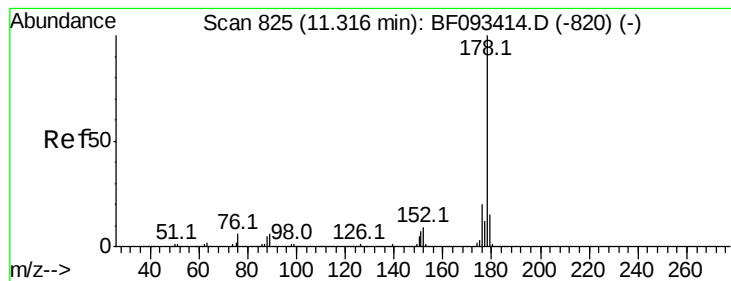
#69
Pentachlorophenol
Concen: 114.87 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.3	53.3	79.9
264	65.3	50.3	75.5



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





#70

Phenanthrene

Concen: 44.46 ng

RT: 11.29 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

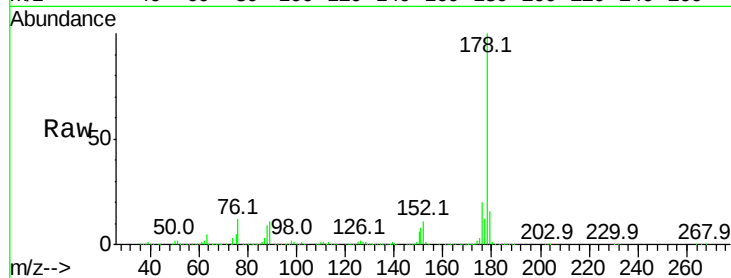
Tot Ion:178 Resp: 1569874

Ion Ratio Lower Upper

178 100

176 20.3 16.6 25.0

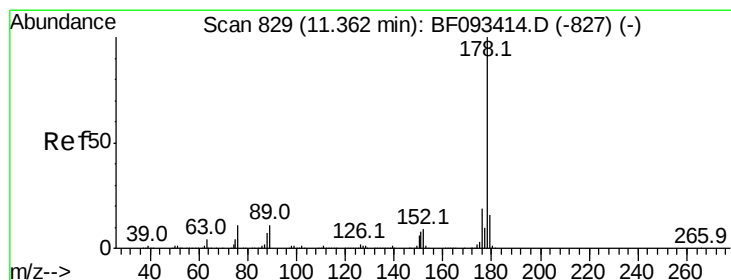
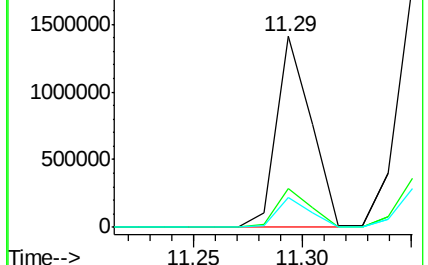
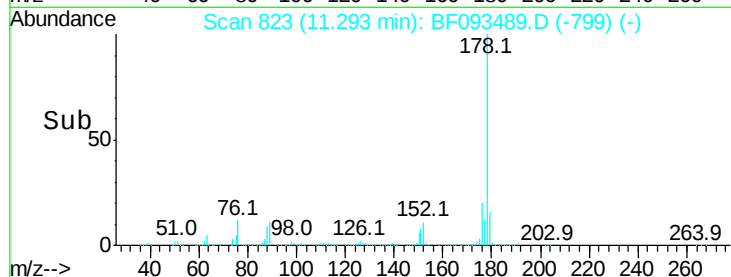
179 15.9 12.8 19.2



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: 45.87 ng

RT: 11.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

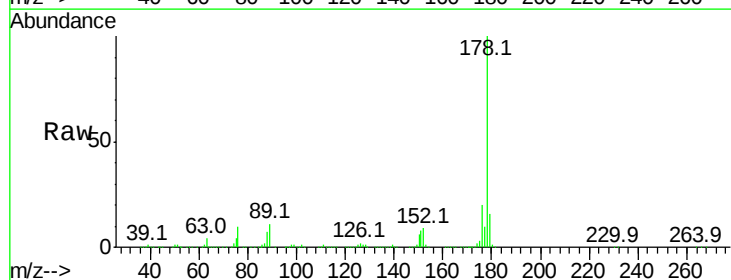
Tgt Ion:178 Resp: 1638328

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

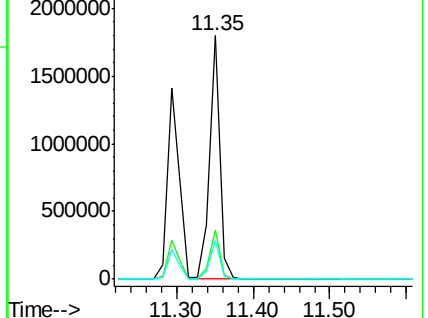
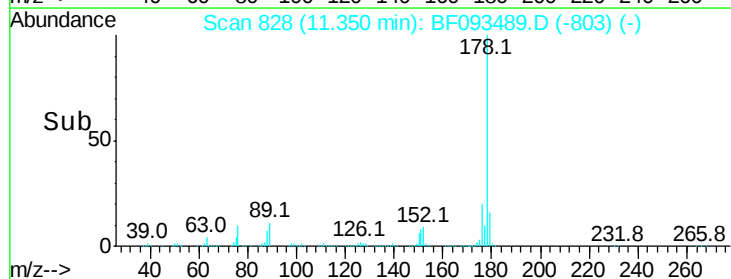
179 16.1 13.2 19.8

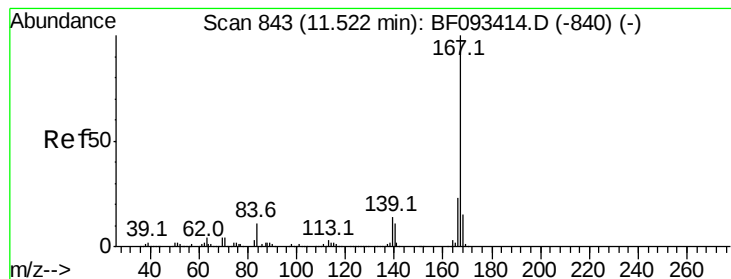


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 42.65 ng

RT: 11.51 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

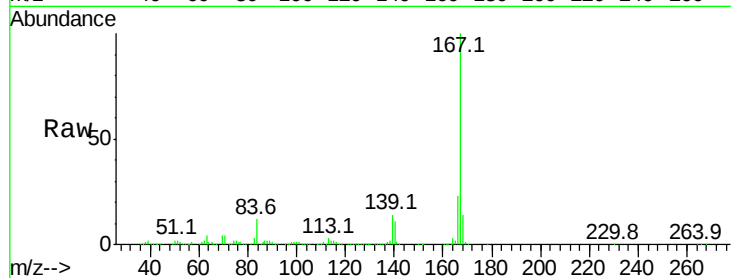
Tot Ion:167 Resp: 1431088

Ion Ratio Lower Upper

167 100

166 22.9 18.2 27.2

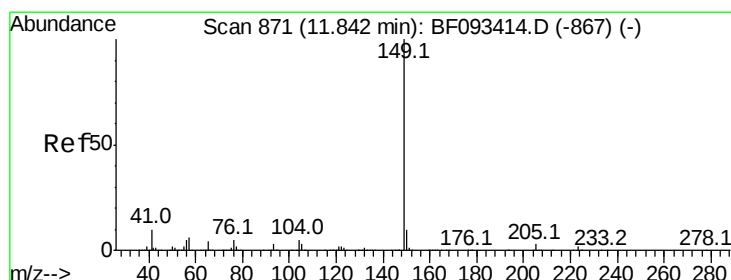
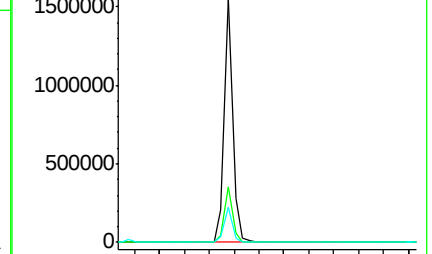
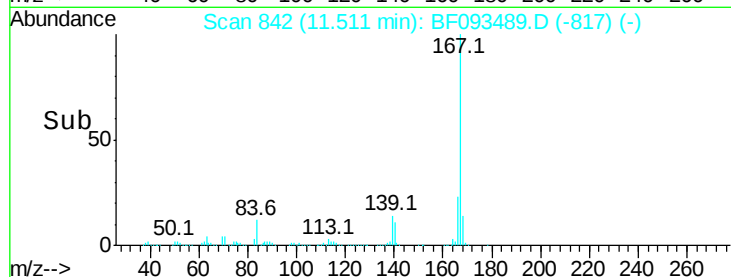
139 14.2 11.4 17.2



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: 45.97 ng

RT: 11.83 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

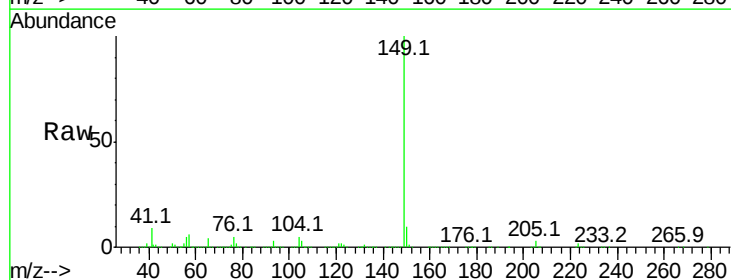
Tgt Ion:149 Resp: 1784357

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

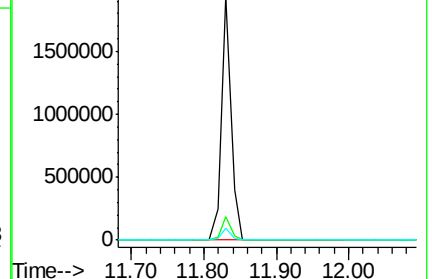
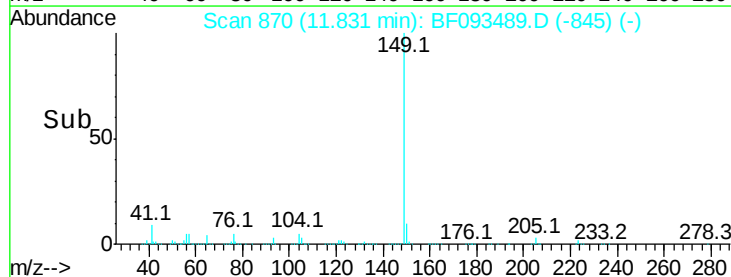
104 4.8 4.6 7.0

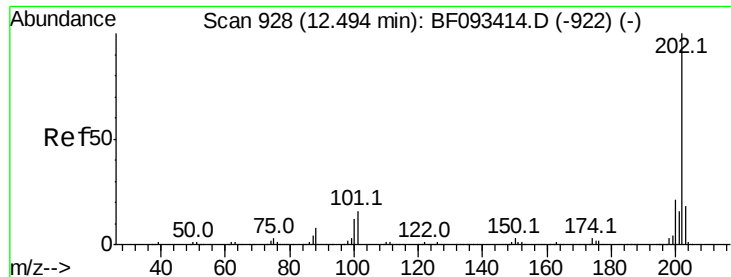


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



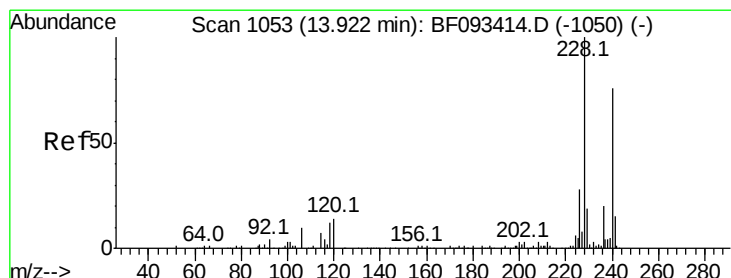
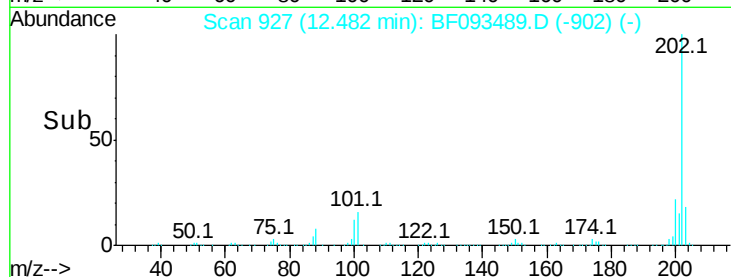
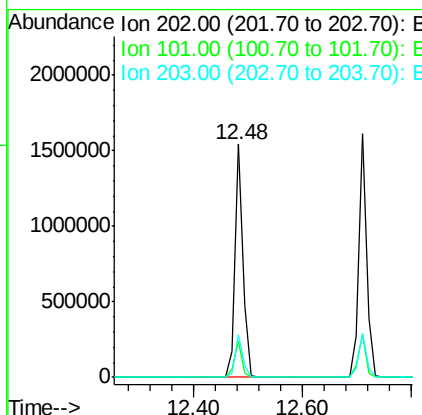
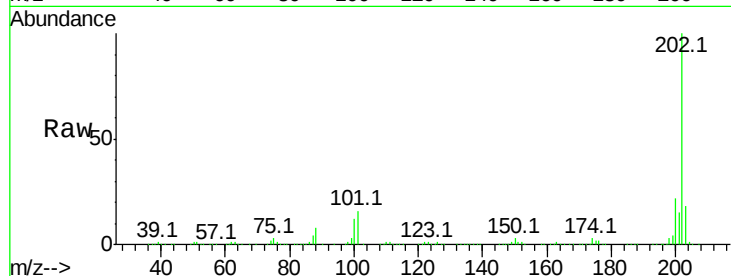


#74
 Fluoranthene
 Concen: 44.81 ng
 RT: 12.48 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF093489.D
 Acq: 9 Mar 2017 21:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMS

Tot Ion:202 Resp: 1528412

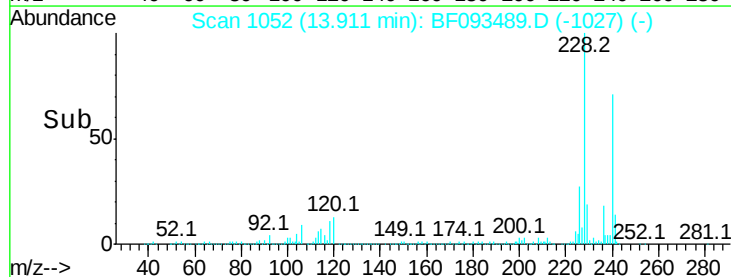
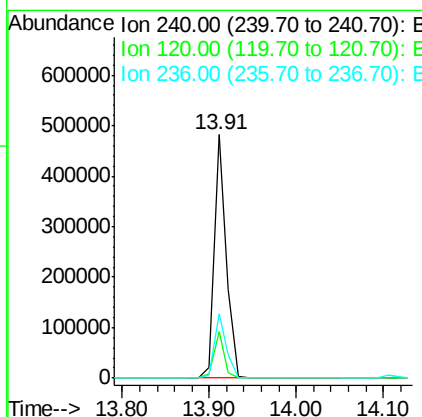
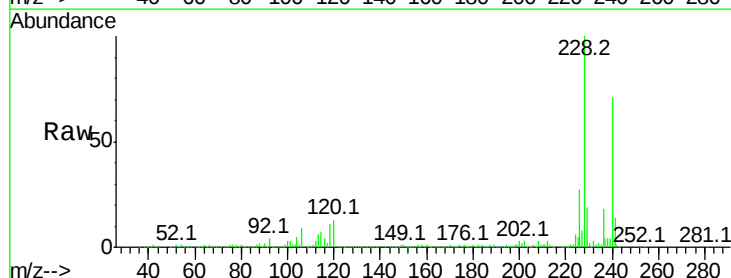
Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	34.6
203	18.0	0.0	38.7

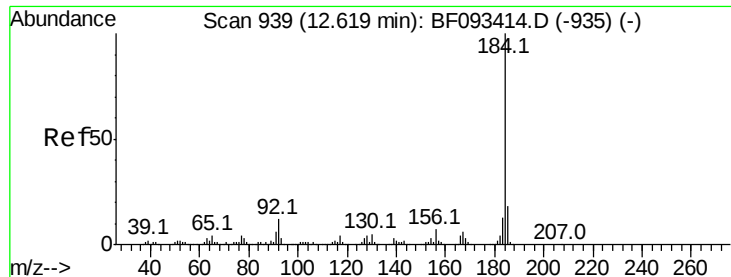


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.91 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF093489.D
 Acq: 9 Mar 2017 21:39

Tgt Ion:240 Resp: 472484

Ion	Ratio	Lower	Upper
240	100		
120	19.1	12.9	19.3
236	26.2	20.9	31.3





#76

Benzidine

Concen: 46.43 ng

RT: 12.61 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

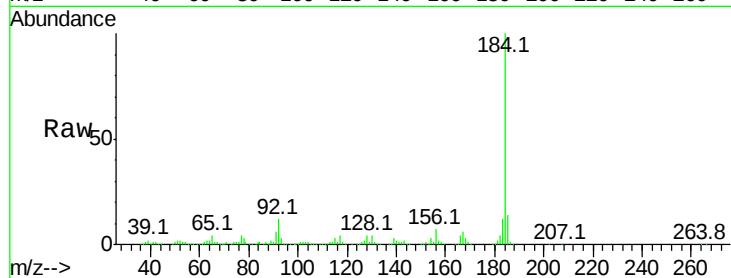
Tot Ion:184 Resp: 721426

Ion Ratio Lower Upper

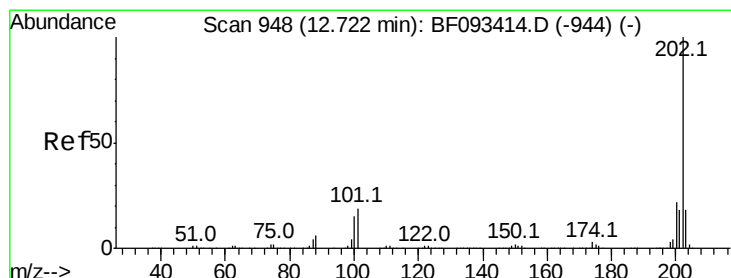
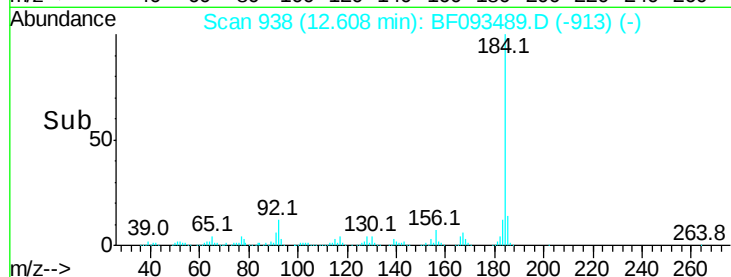
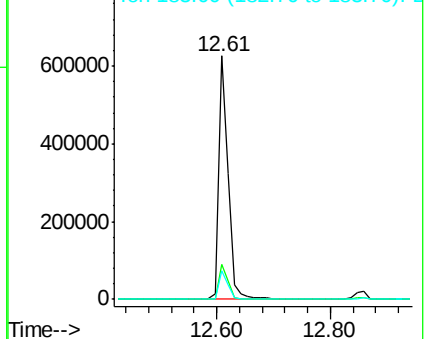
184 100

185 14.4 13.4 20.0

183 11.8 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

Pyrene

Concen: 45.93 ng

RT: 12.71 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

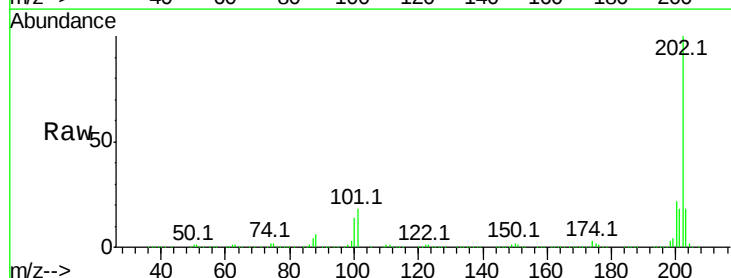
Tgt Ion:202 Resp: 1578387

Ion Ratio Lower Upper

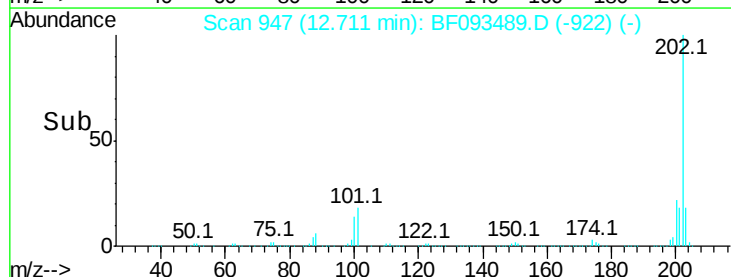
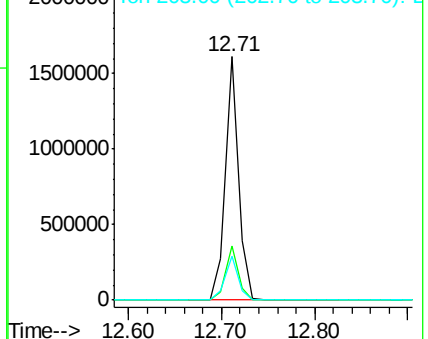
202 100

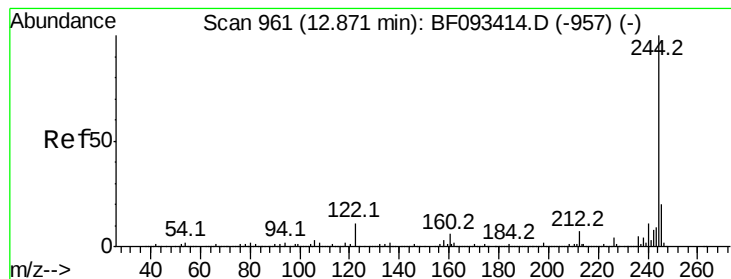
200 22.2 17.7 26.5

203 18.1 14.7 22.1



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





#78

Terphenyl-d14

Concen: 103.18 ng

RT: 12.86 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

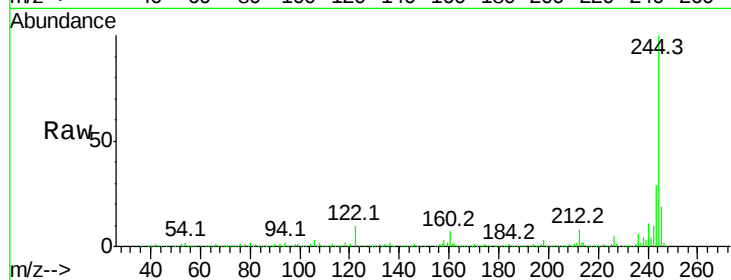
Tot Ion:244 Resp: 1875116

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

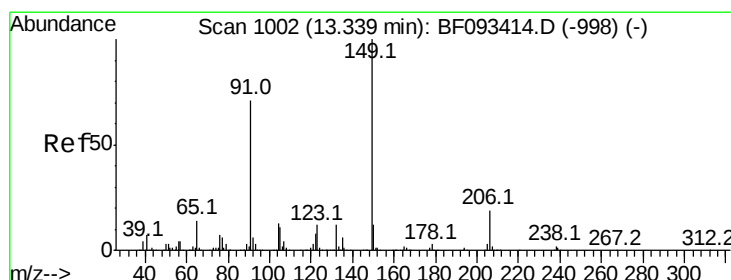
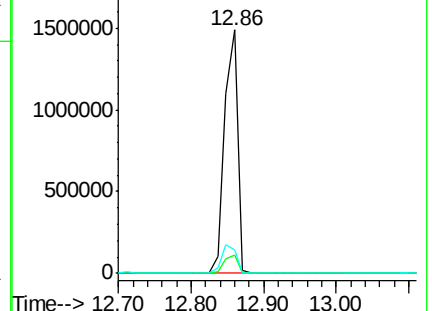
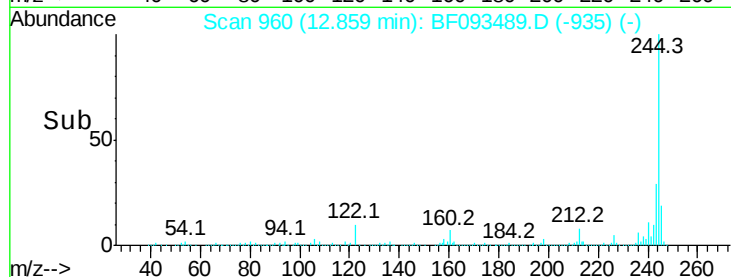
122 9.6 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 60.63 ng

RT: 13.33 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

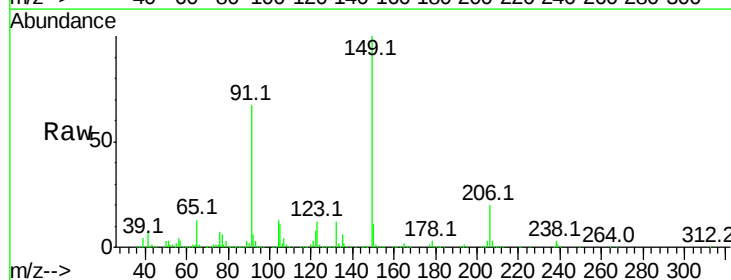
Tgt Ion:149 Resp: 877031

Ion Ratio Lower Upper

149 100

91 67.5 63.9 95.9

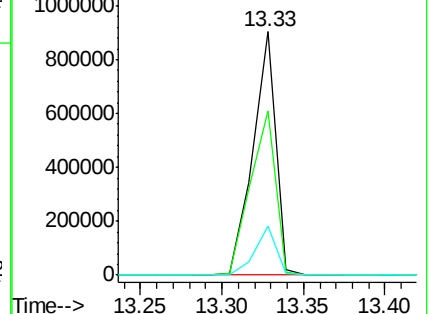
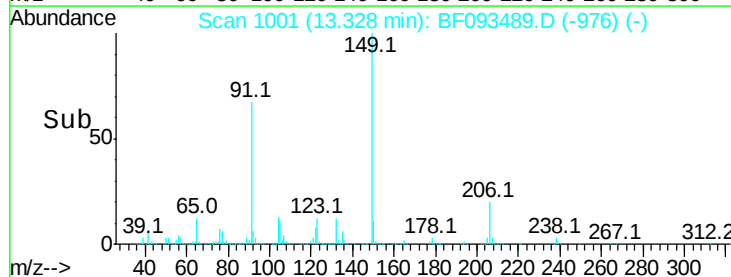
206 20.0 14.6 21.8

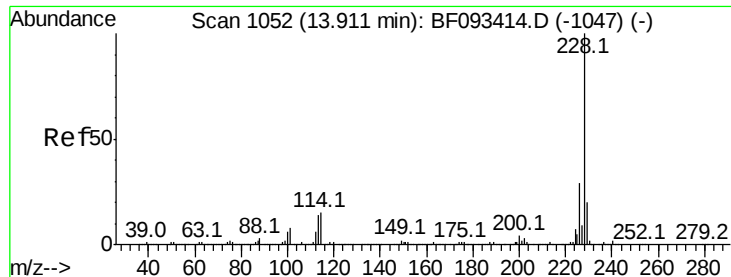


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 48.98 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

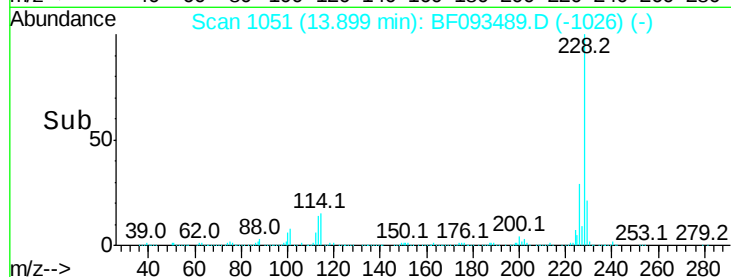
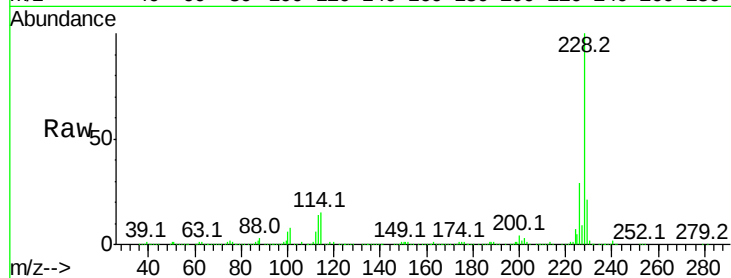
BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

Tot Ion:228 Resp: 1366727

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.4	33.6
229	20.5	16.2	24.4

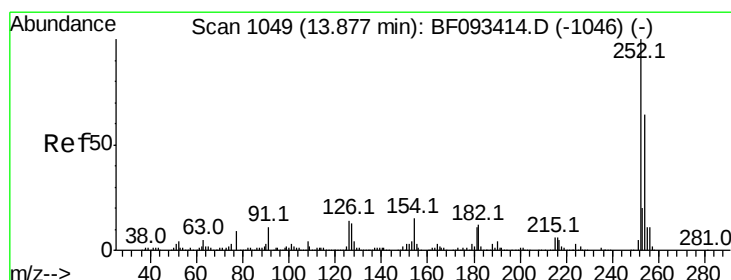
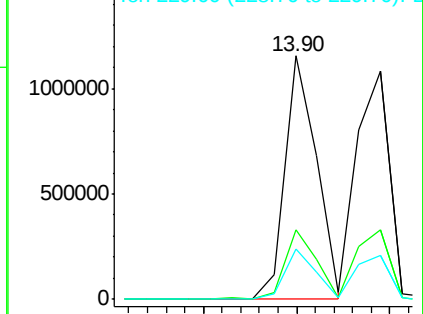


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 33.63 ng

RT: 13.87 min Scan# 1048

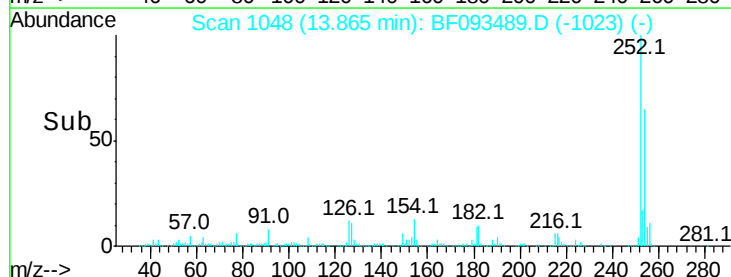
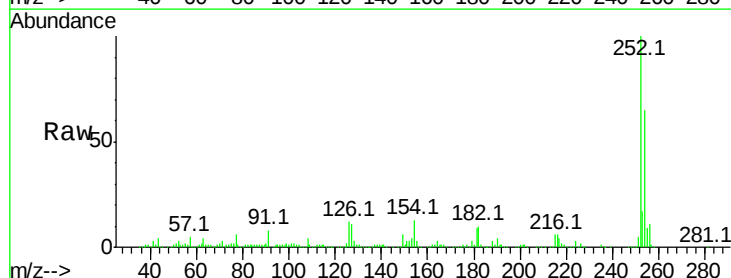
Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Tgt Ion:252 Resp: 328690

Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.3	78.5
126	11.5	13.6	20.4

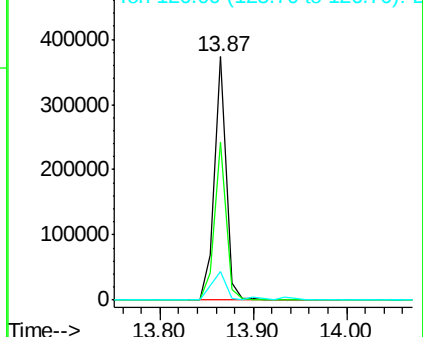


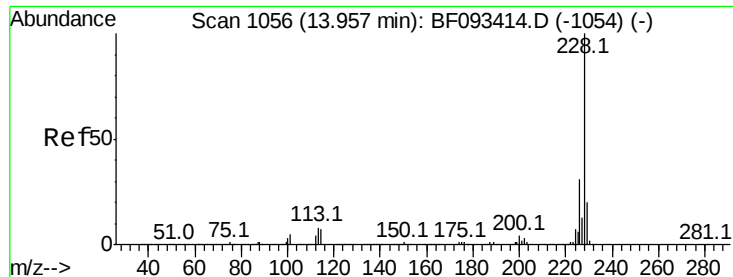
Abundance

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: 51.48 ng

RT: 13.95 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Instrument :

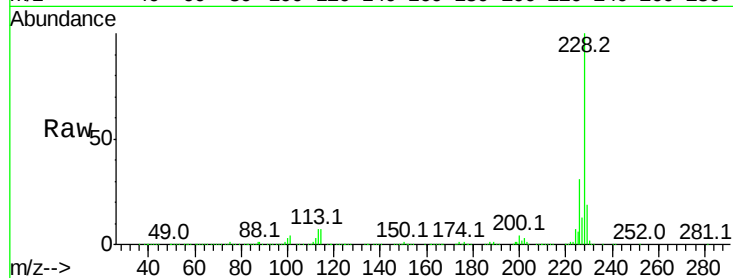
BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

Tot Ion:228 Resp: 1329017

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	19.1	16.2	24.2

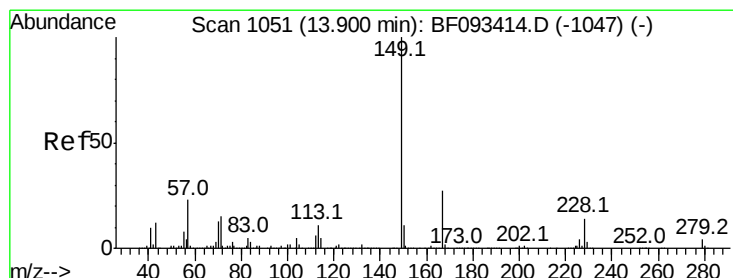
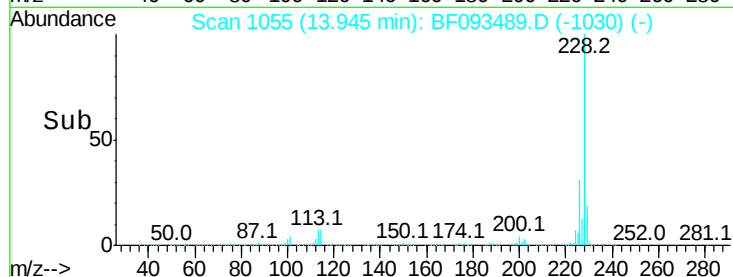
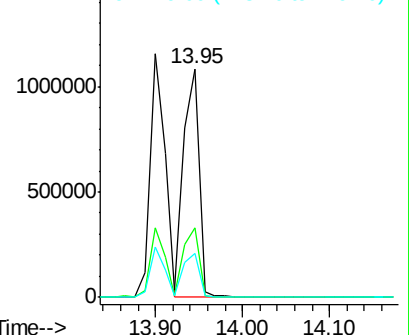


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 57.52 ng

RT: 13.89 min Scan# 1050

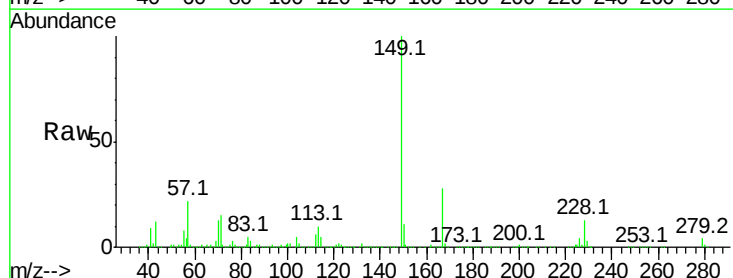
Delta R.T. -0.01 min

Lab File: BF093489.D

Acq: 9 Mar 2017 21:39

Tgt Ion:149 Resp: 1159793

Ion	Ratio	Lower	Upper
149	100		
167	27.7	20.2	30.4
279	4.1	1.8	2.8

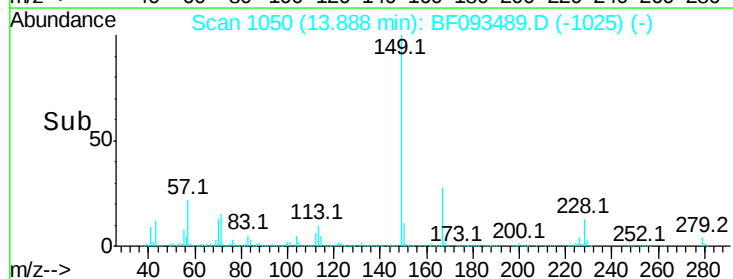
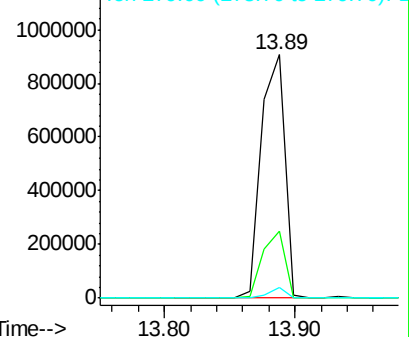


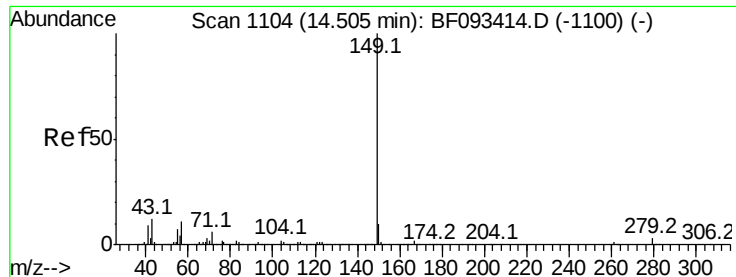
Abundance

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

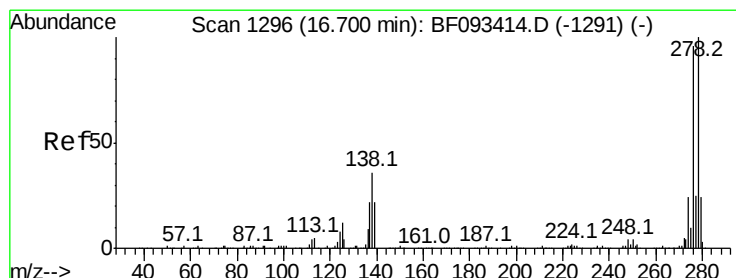
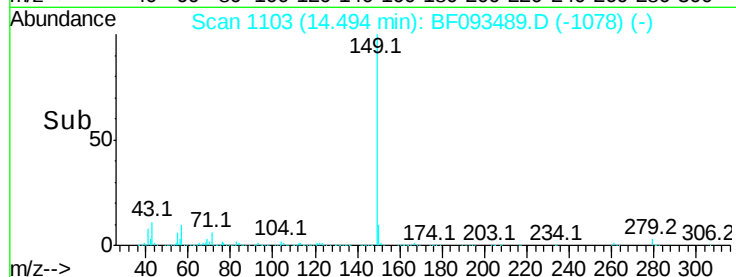
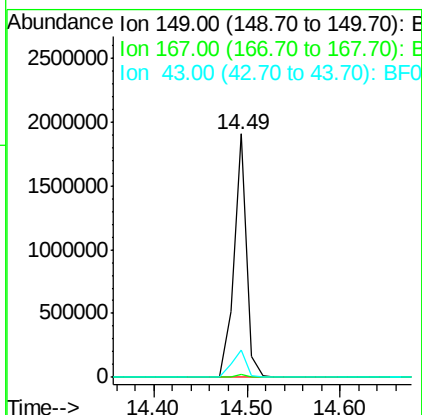
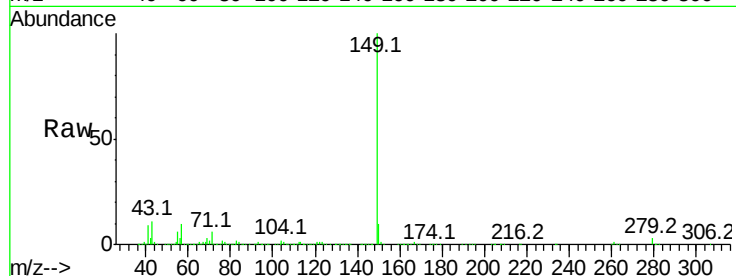




#84
Di-n-octyl phthalate
Concen: 53.28 ng
RT: 14.49 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

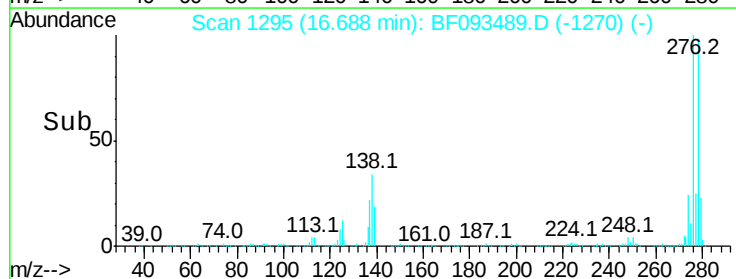
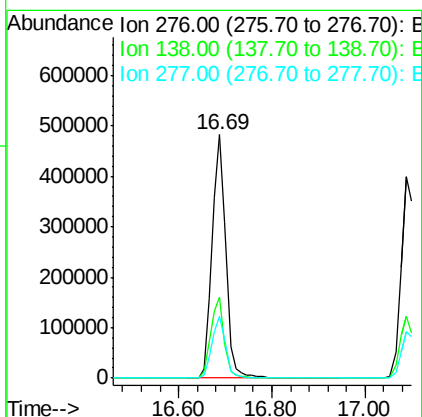
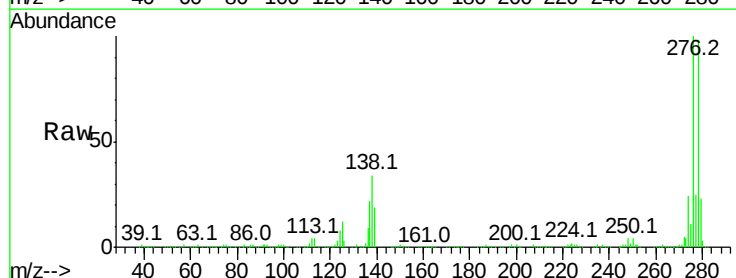
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

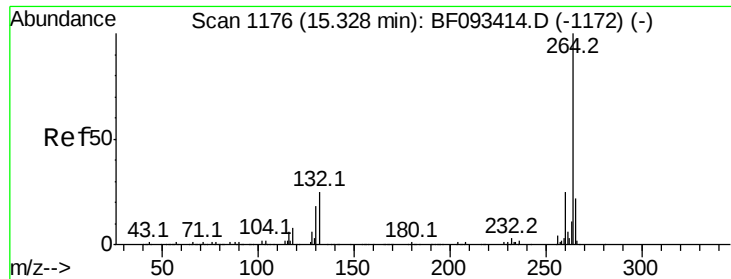
Tot Ion:149 Resp: 1790593
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.6 8.9 13.3



#85
Indeno(1,2,3-cd)pyrene
Concen: 46.04 ng
RT: 16.69 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Tgt Ion:276 Resp: 994816
Ion Ratio Lower Upper
276 100
138 33.2 21.8 32.6#
277 25.2 20.2 30.4



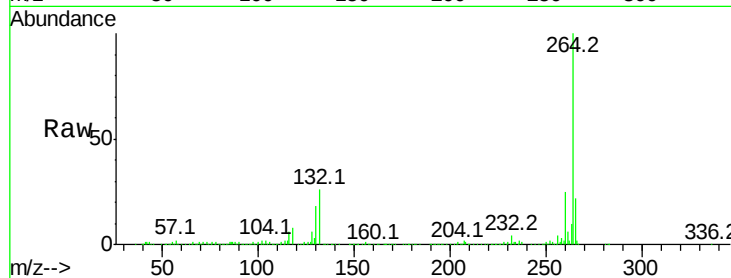


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

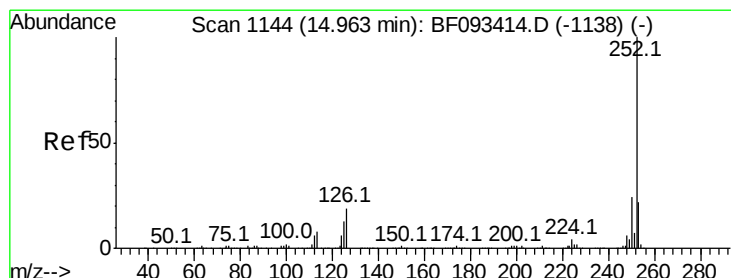
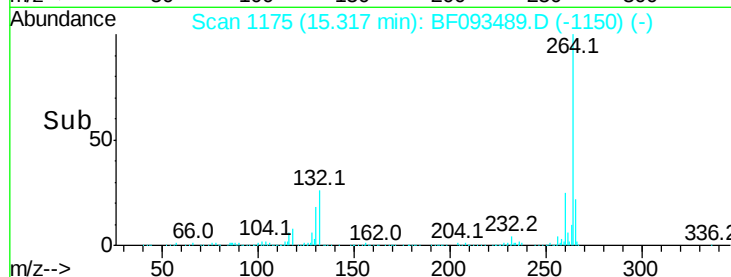
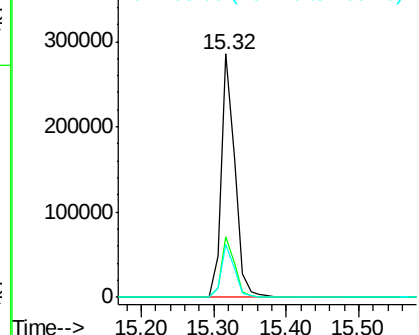
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion:264 Resp: 370536

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.6	17.4	26.0



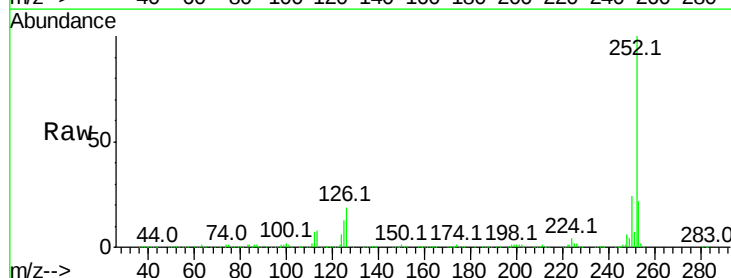
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



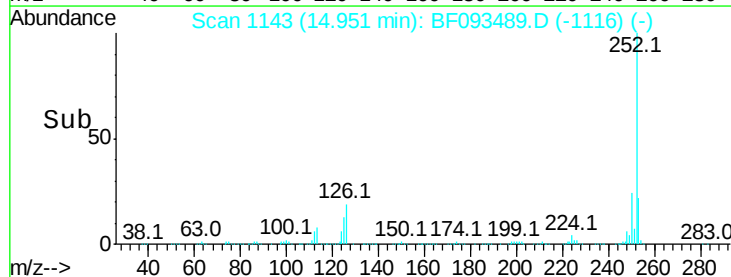
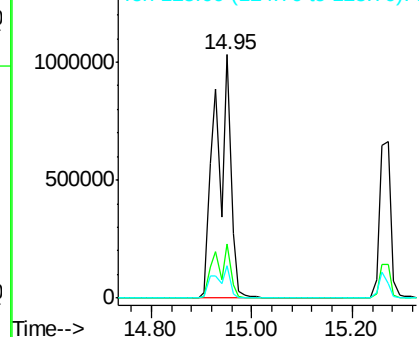
#87
Benzo(b)fluoranthene
Concen: 97.30 ng
RT: 14.95 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

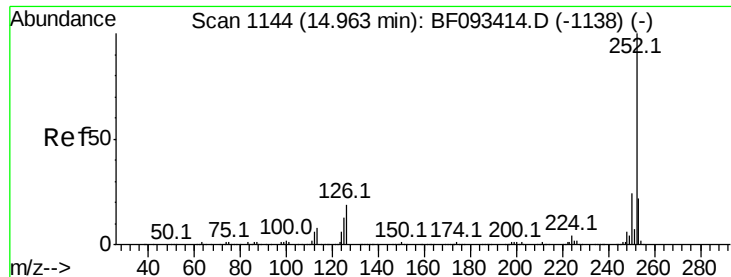
Tgt Ion:252 Resp: 2195848

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	13.3	9.8	14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

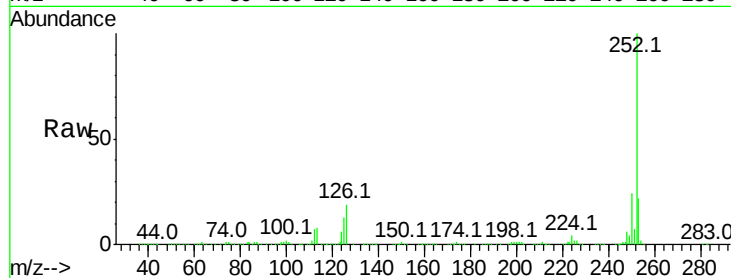




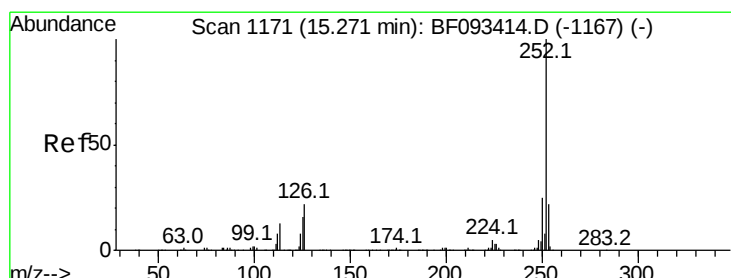
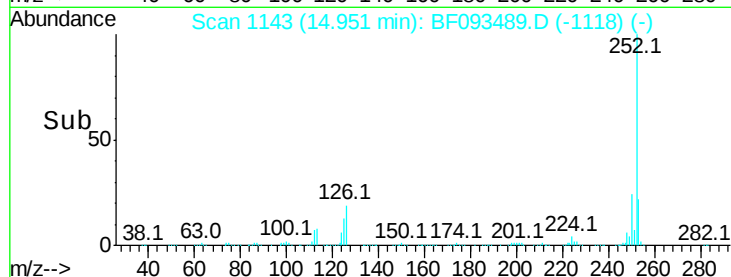
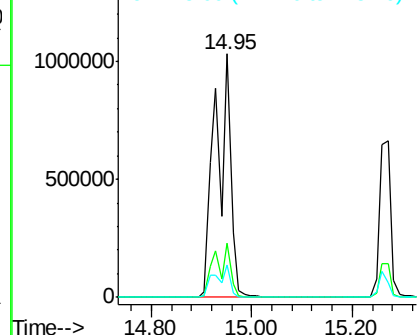
#88
Benzo(k)fluoranthene
Concen: 100.90 ng
RT: 14.95 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion:252 Resp: 2195848
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 13.3 8.9 13.3

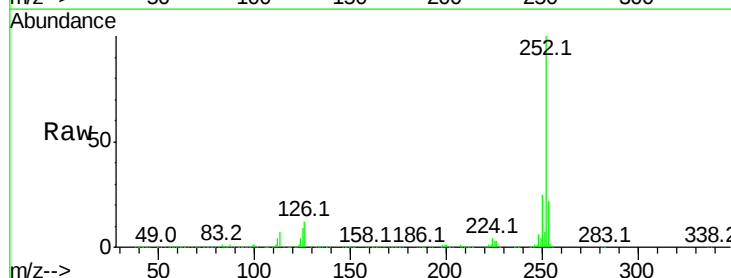


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

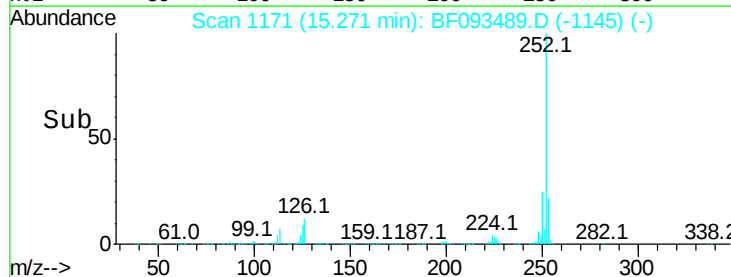
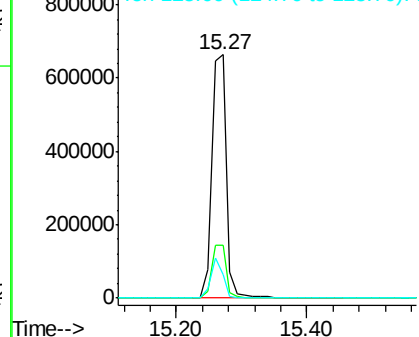


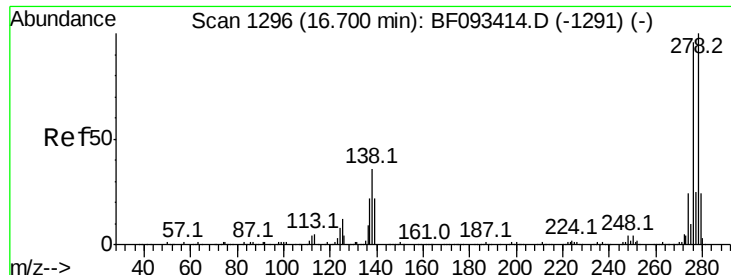
#89
Benzo(a)pyrene
Concen: 49.67 ng
RT: 15.27 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Tgt Ion:252 Resp: 1024478
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 9.5 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

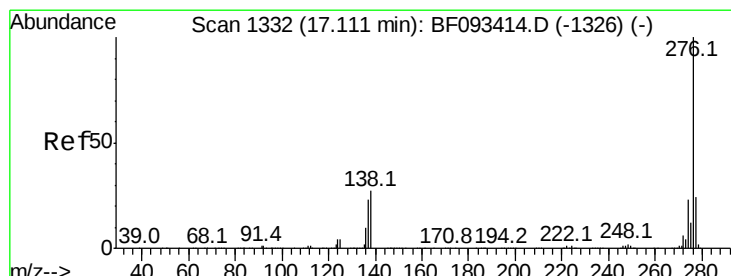
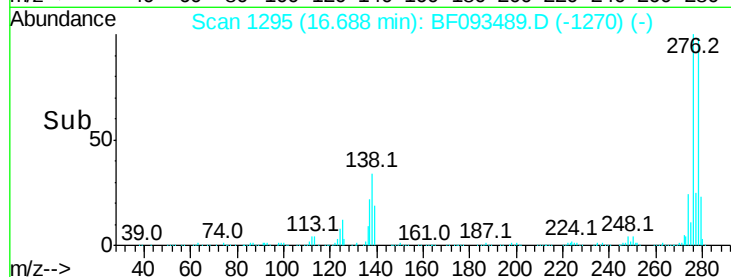
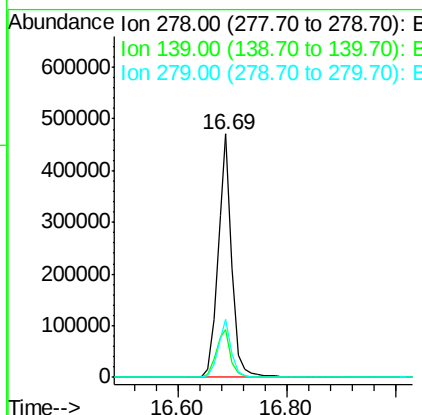
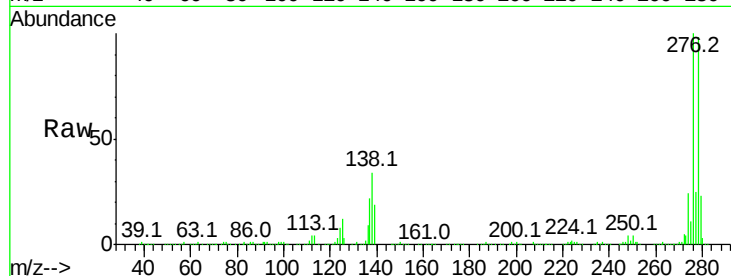




#90
Dibenzo(a,h)anthracene
Concen: 48.83 ng
RT: 16.69 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.5	14.8	22.2
279	23.6	19.8	29.6



#91
Benzo(g,h,i)perylene
Concen: 50.34 ng
RT: 17.09 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF093489.D
Acq: 9 Mar 2017 21:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	30.5	16.0	24.0

