

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103626.D
 Acq On : 14 Mar 2018 3:16
 Operator : SJ/JU
 Sample : J1896-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 04:50:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	131889	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	581729	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	260938	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	433821	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	250608	20.00	ng	0.00
86) Perylene-d12	15.56	264	236253	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1197370	137.31	ng	0.00
7) Phenol-d6	6.50	99	1436950	134.66	ng	0.00
23) Nitrobenzene-d5	7.43	82	1005760	98.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	266679	120.74	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1413701	96.29	ng	-0.01
78) Terphenyl-d14	12.98	244	1065833	102.24	ng	0.00

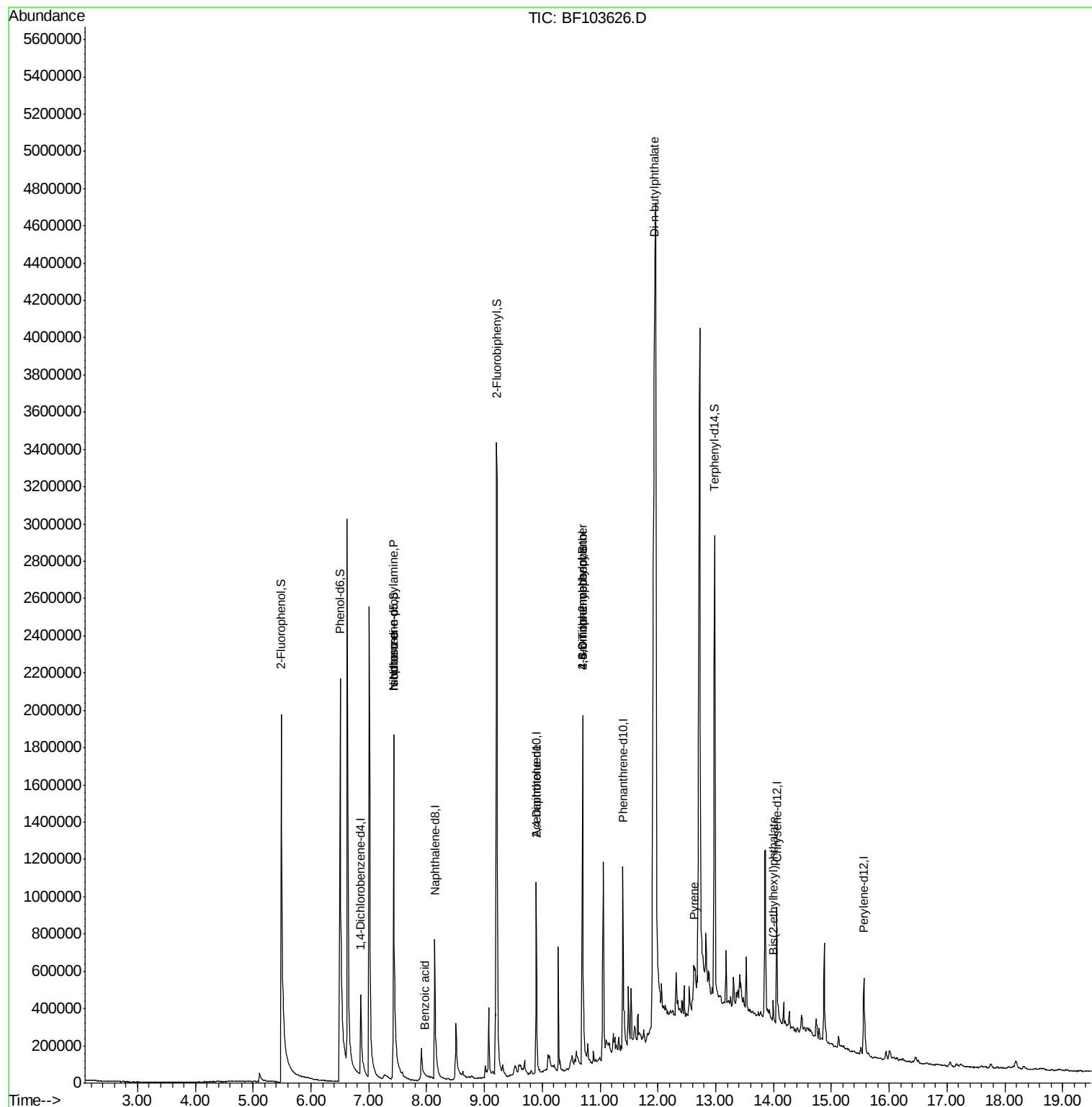
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	2002	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.43	70	130524	19.654	ng	# 83
25) Isophorone	7.43	82	1009655	50.326	ng	# 64
32) Benzoic acid	7.98	122	3935	7.476	ng	# 85
56) 2,4-Dinitrotoluene	9.89	165	33242	5.983	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.70	198	717	5.189	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	18148	4.016	ng	# 1
73) Di-n-butylphthalate	11.94	149	341025	11.179	ng	98
77) Pyrene	12.62	202	42800	2.190	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	33322	2.392	ng	# 98

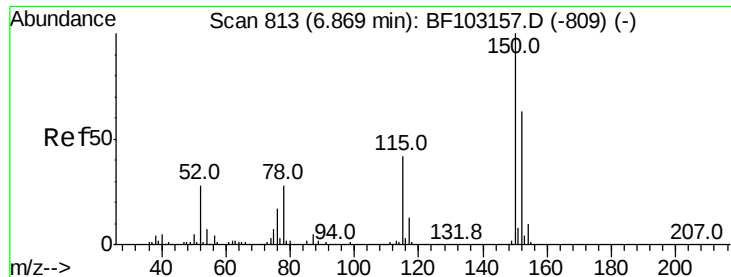
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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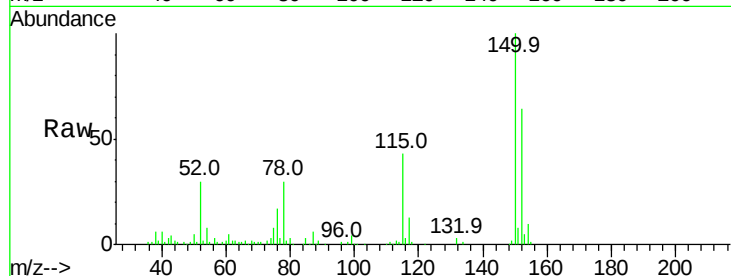


#1

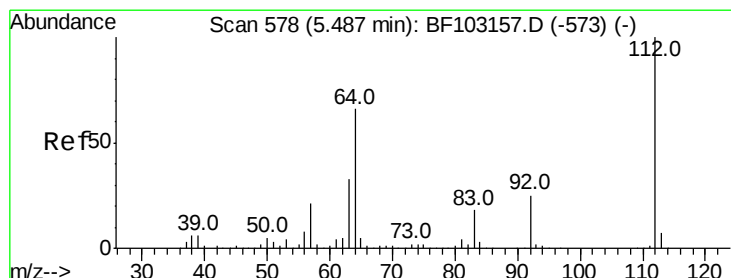
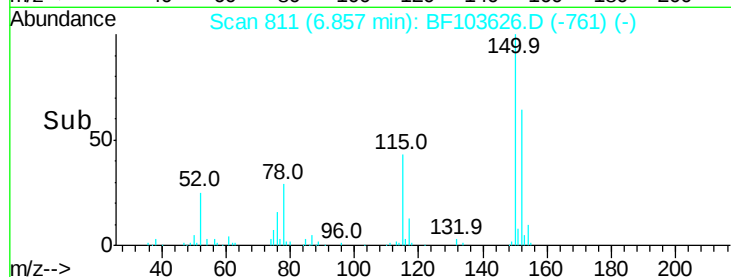
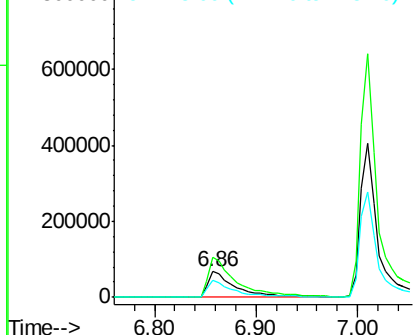
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103626.D
Acq: 14 Mar 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 131889
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 66.8 50.1 75.1



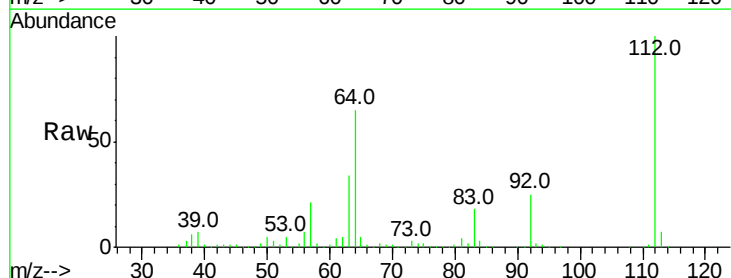
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



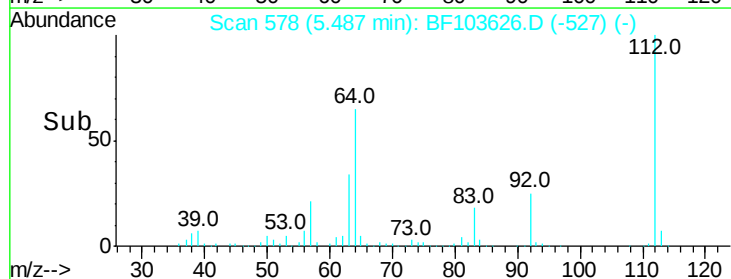
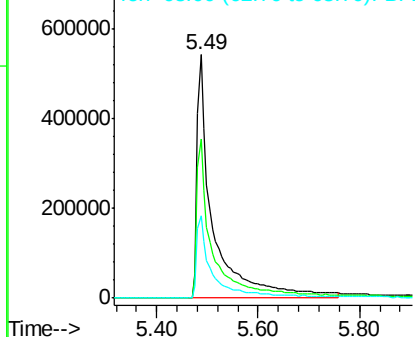
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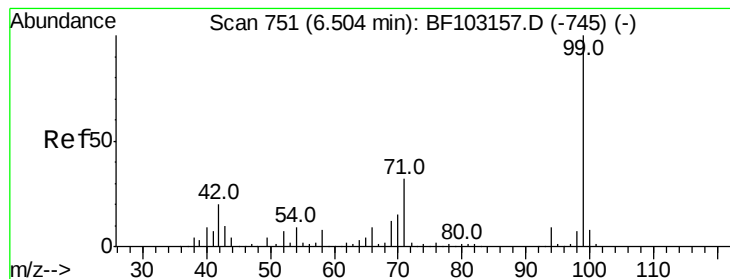
2-Fluorophenol
Concen: 137.308 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103626.D
Acq: 14 Mar 2018 3:16

Tgt Ion:112 Resp: 1197370
Ion Ratio Lower Upper
112 100
64 65.4 47.9 71.9
63 34.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 134.664 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103626.D

Acq: 14 Mar 2018 3:16

Instrument :

BNA_F

ClientSampled :

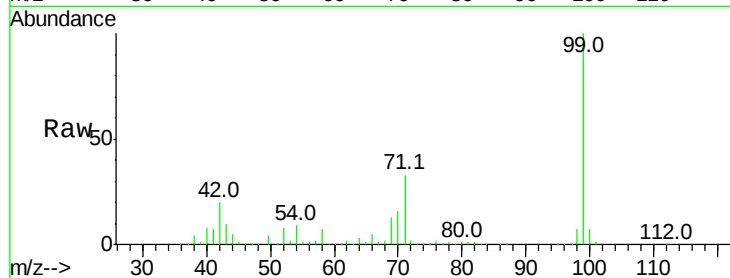
Tot Ion: 99 Resp: 1436950

Ion Ratio Lower Upper

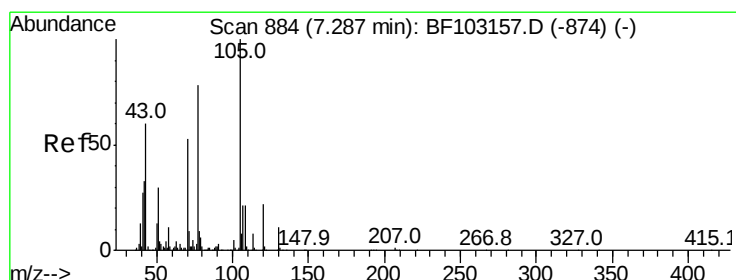
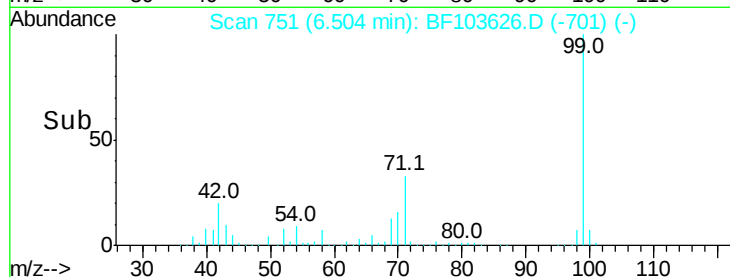
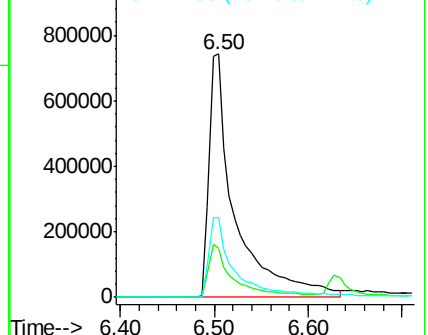
99 100

42 20.4 14.5 21.7

71 32.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 19.654 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.15 min

Lab File: BF103626.D

Acq: 14 Mar 2018 3:16

Tgt Ion: 70 Resp: 130524

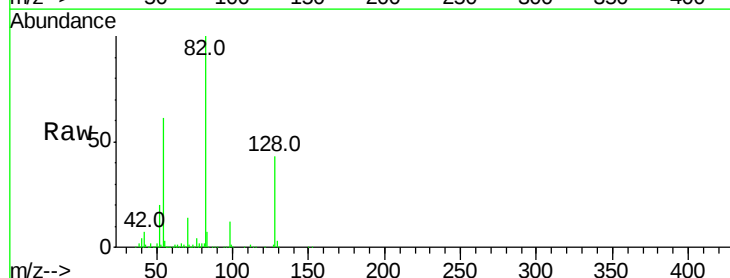
Ion Ratio Lower Upper

70 100

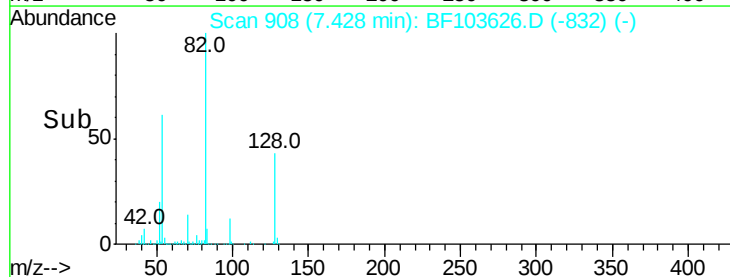
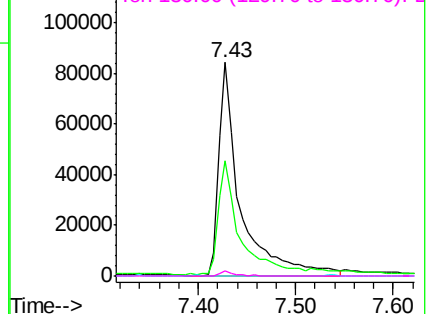
42 53.7 47.5 71.3

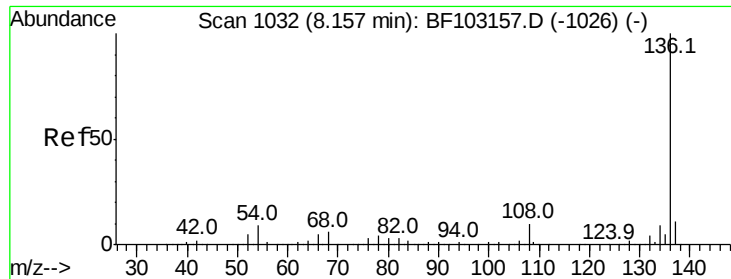
101 0.0 7.4 11.2#

130 2.2 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

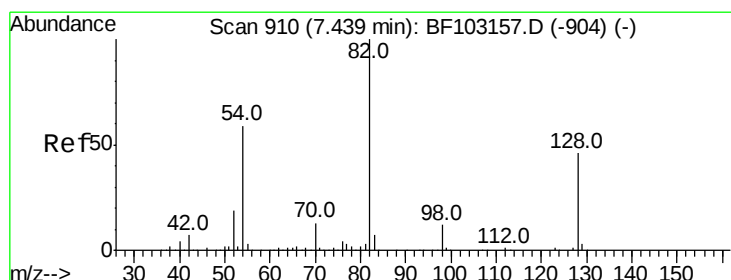
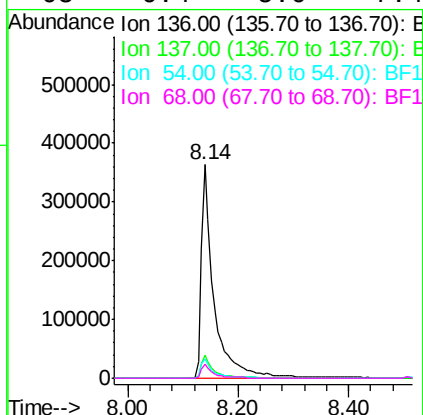
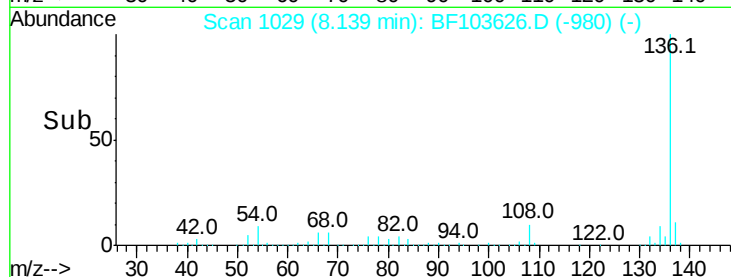
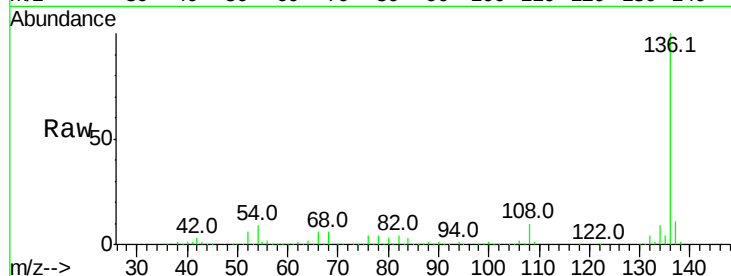




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF103626.D
Acq: 14 Mar 2018 3:16

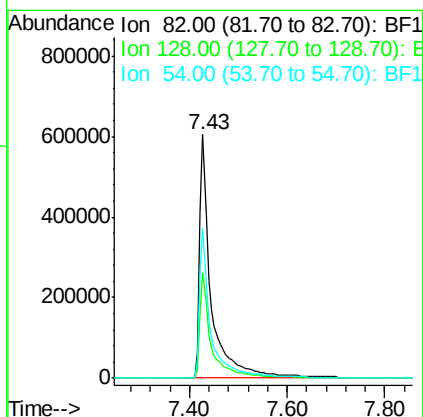
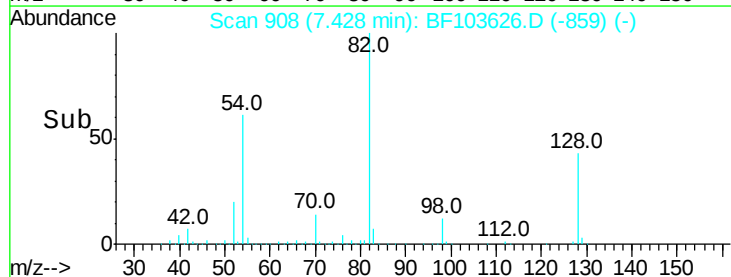
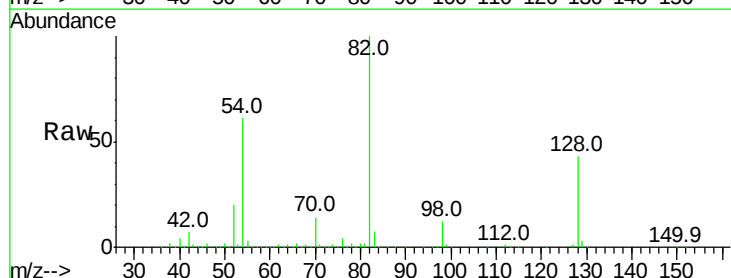
Instrument :
BNA_F
ClientSampleId :

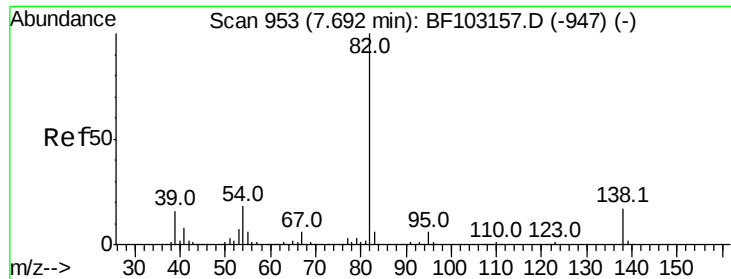
Tot Ion:136	Resp: 581729
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 9.1	6.6 9.8
68 6.4	5.0 7.4



#23
Nitrobenzene-d5
Concen: 98.736 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103626.D
Acq: 14 Mar 2018 3:16

Tgt Ion: 82	Resp: 1005760
Ion Ratio	Lower Upper
82 100	
128 43.1	36.1 54.1
54 61.5	41.4 62.2

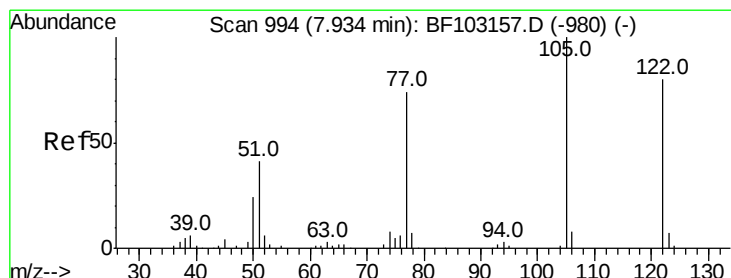
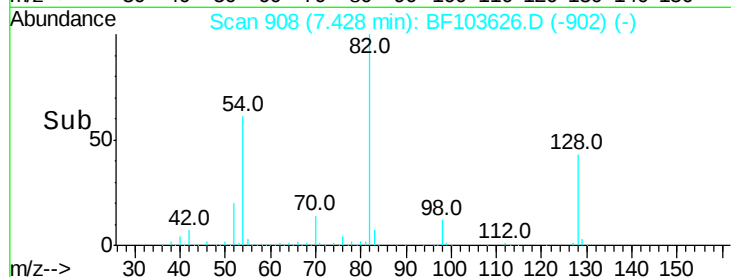
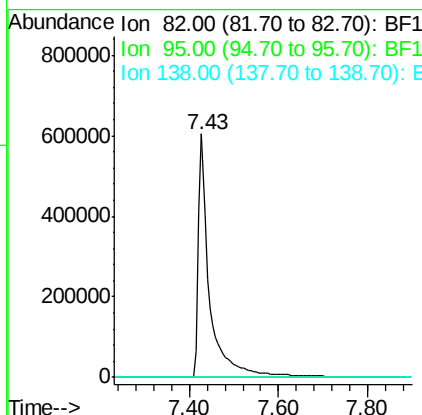
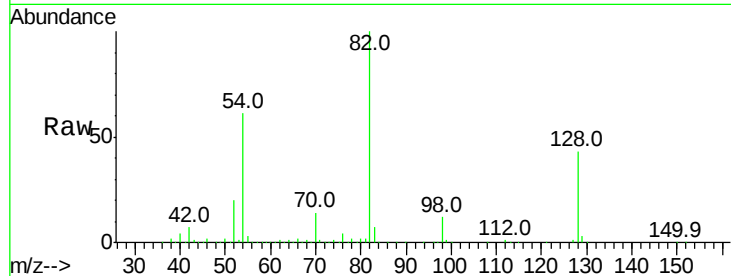




#25
Isophorone
Concen: 50.326 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF103626.D
Acq: 14 Mar 2018 3:16

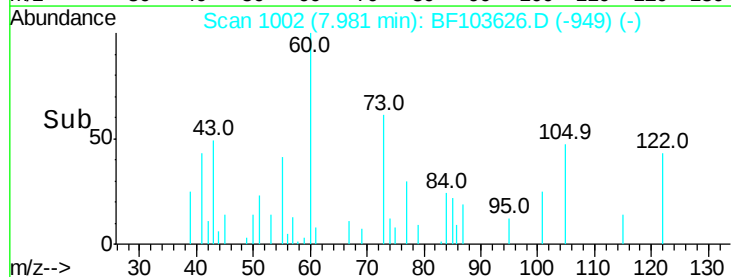
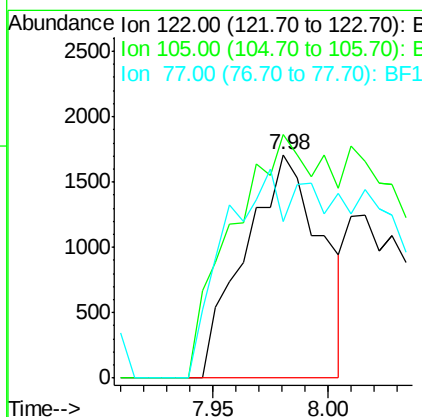
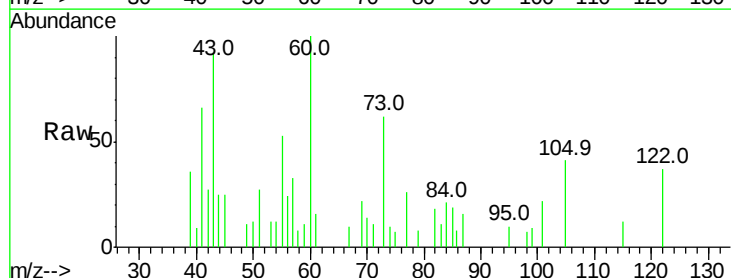
Instrument :
BNA_F
ClientSampled :

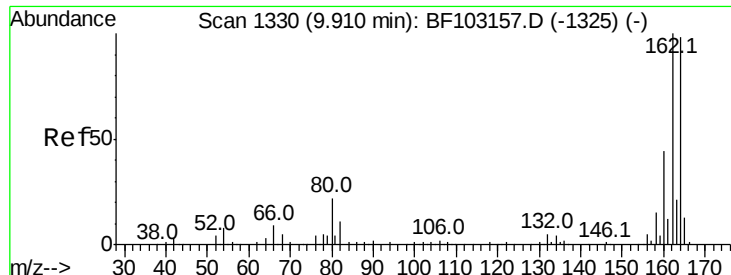
Tot Ion: 82 Resp: 1009655
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#32
Benzoic acid
Concen: 7.476 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF103626.D
Acq: 14 Mar 2018 3:16

Tgt Ion:122 Resp: 3935
Ion Ratio Lower Upper
122 100
105 108.9 101.1 141.1
77 70.2 70.7 110.7#

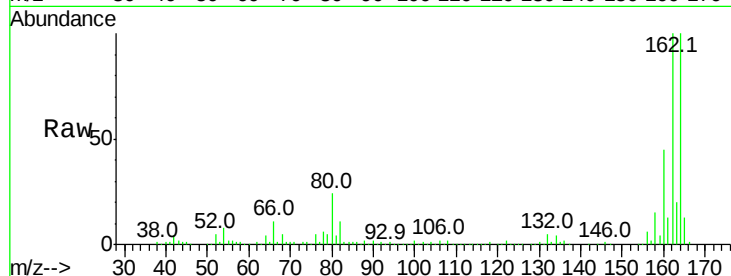




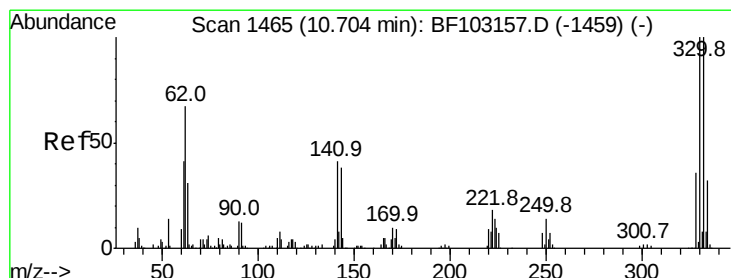
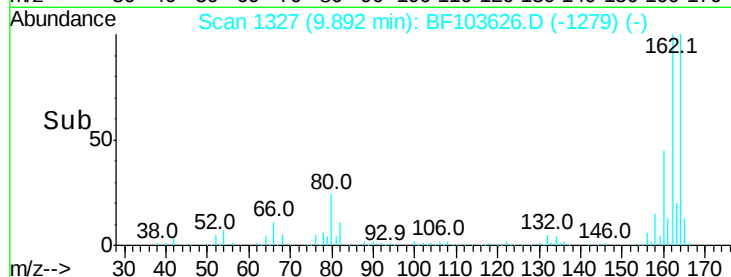
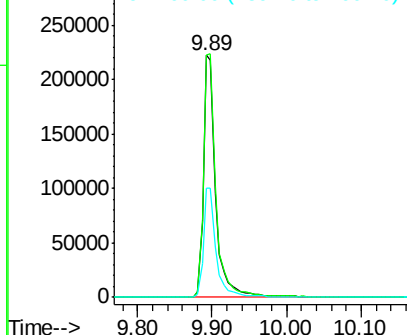
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF103626.D
Acq: 14 Mar 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 260938
Ion Ratio Lower Upper
164 100
162 100.0 86.1 129.1
160 45.3 38.3 57.5

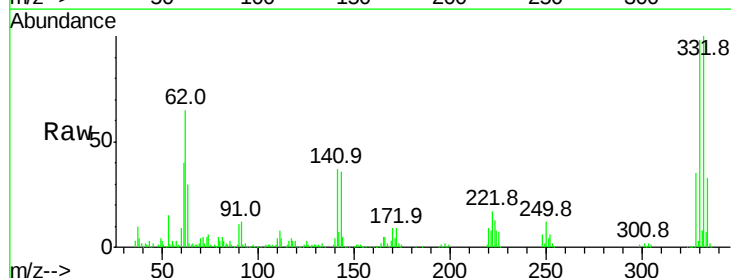


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

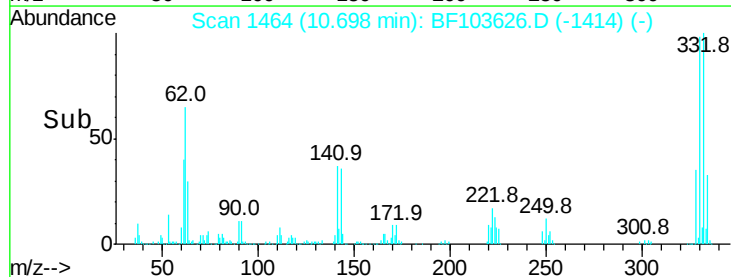
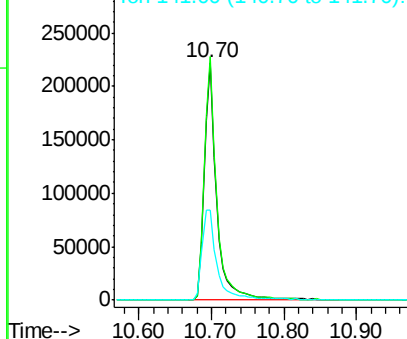


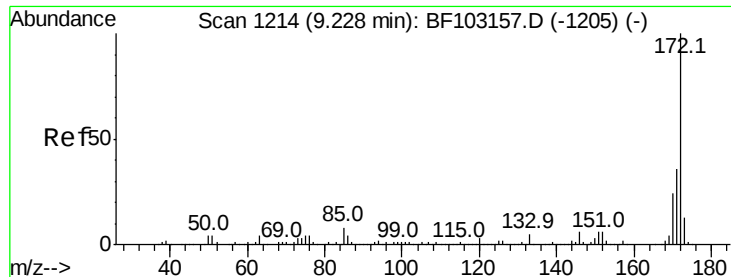
#41
2,4,6-Tribromophenol
Concen: 120.740 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF103626.D
Acq: 14 Mar 2018 3:16

Tgt Ion:330 Resp: 266679
Ion Ratio Lower Upper
330 100
332 102.6 77.0 115.6
141 46.9 29.9 44.9#



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

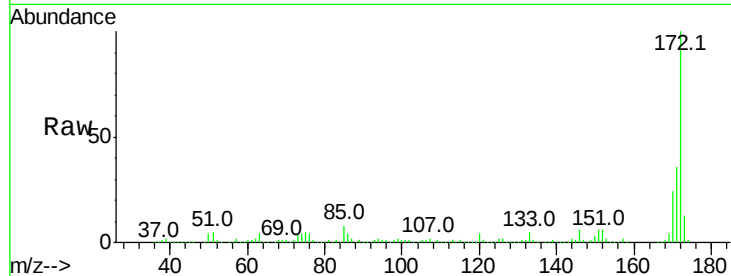




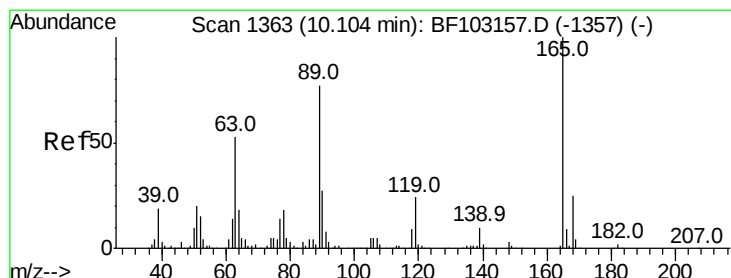
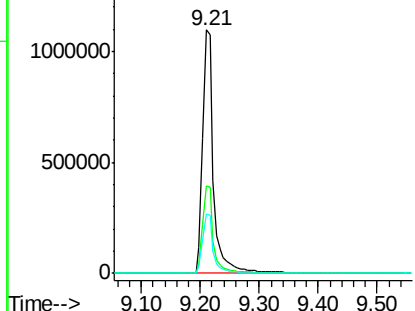
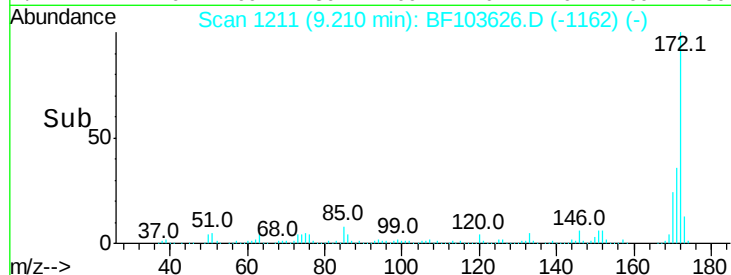
#44
 2-Fluorobiphenyl
 Concen: 96.290 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103626.D
 Acq: 14 Mar 2018 3:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1413701
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.4 19.6 29.4

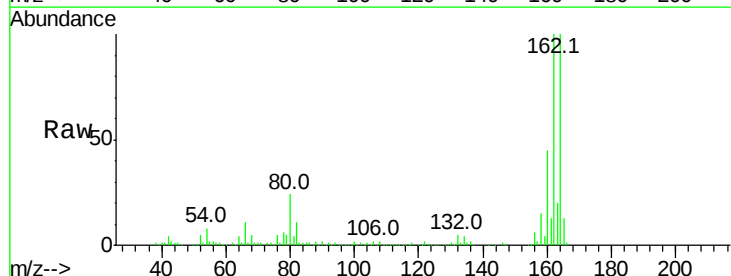


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

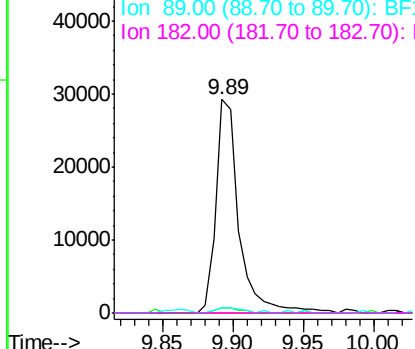
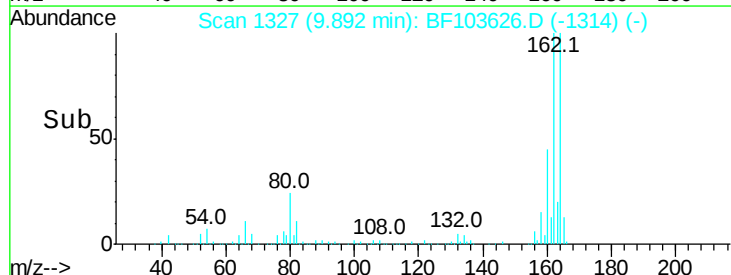


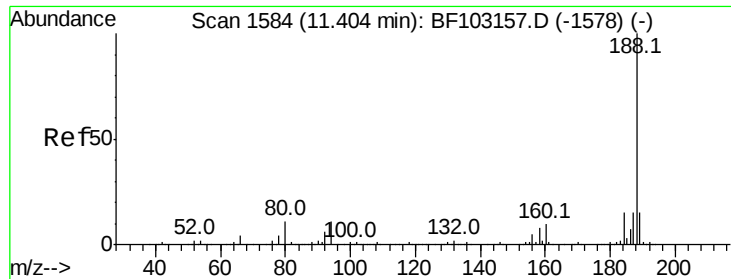
#56
 2,4-Dinitrotoluene
 Concen: 5.983 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.22 min
 Lab File: BF103626.D
 Acq: 14 Mar 2018 3:16

Tgt Ion:165 Resp: 33242
 Ion Ratio Lower Upper
 165 100
 63 2.4 36.4 54.6#
 89 2.4 57.8 86.6#
 182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

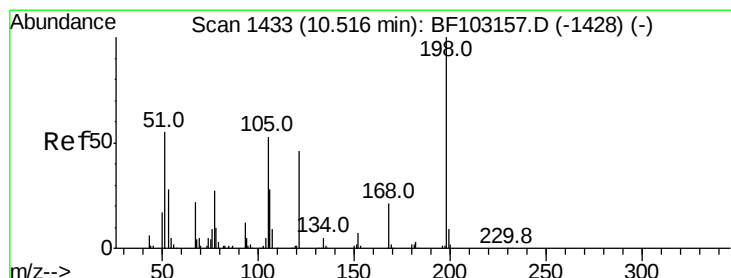
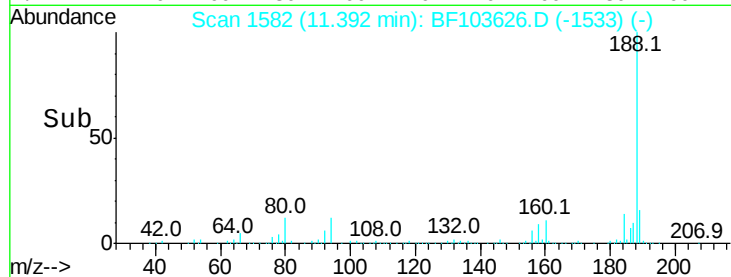
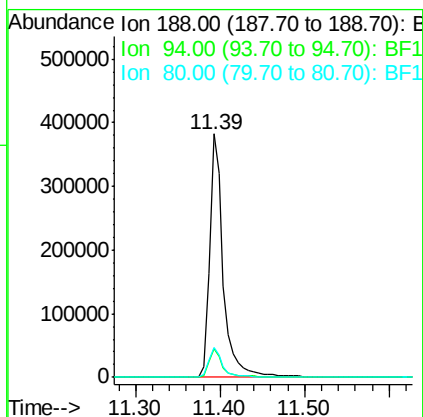
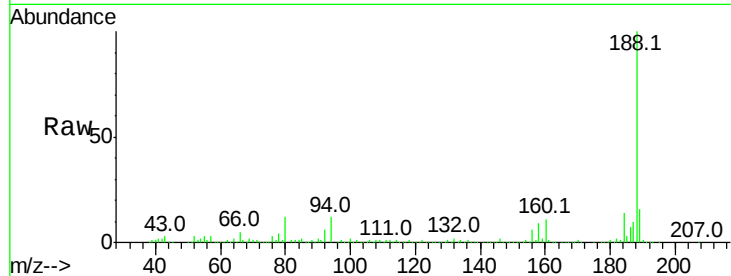




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF103626.D
Acq: 14 Mar 2018 3:16

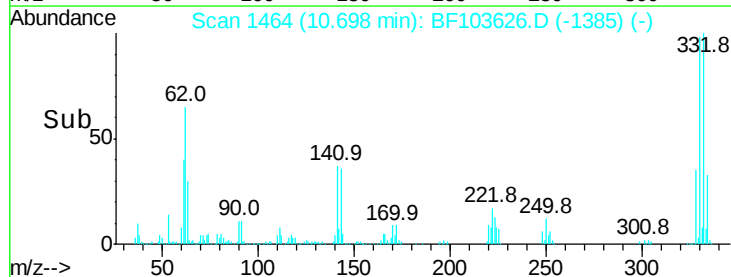
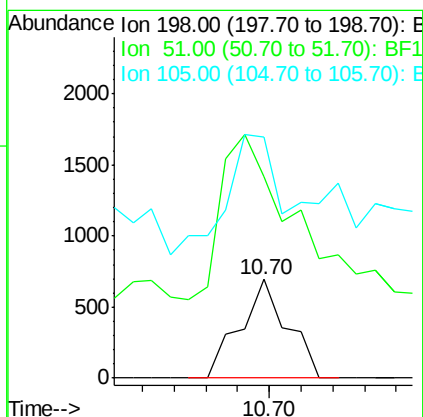
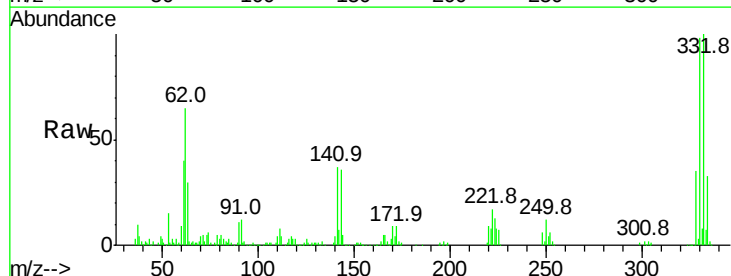
Instrument :
BNA_F
ClientSampleId :

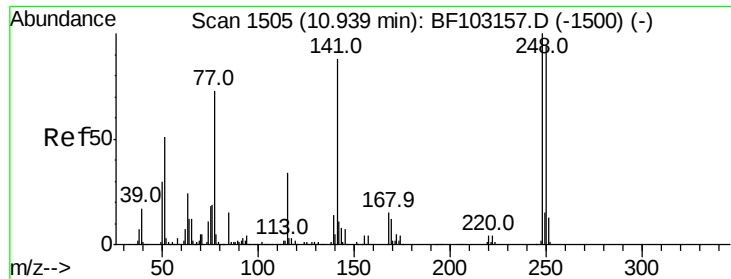
Tot Ion:188 Resp: 433821
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 12.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.189 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.16 min
Lab File: BF103626.D
Acq: 14 Mar 2018 3:16

Tgt Ion:198 Resp: 717
Ion Ratio Lower Upper
198 100
51 205.1 37.7 77.7#
105 244.9 36.3 76.3#

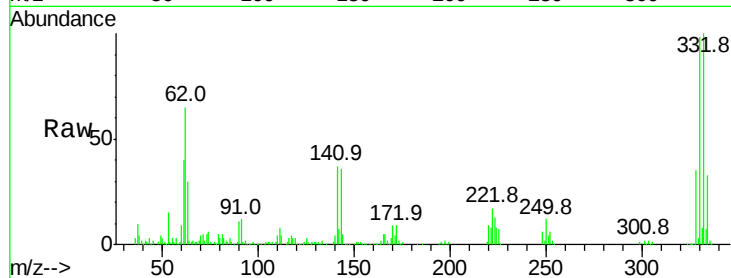




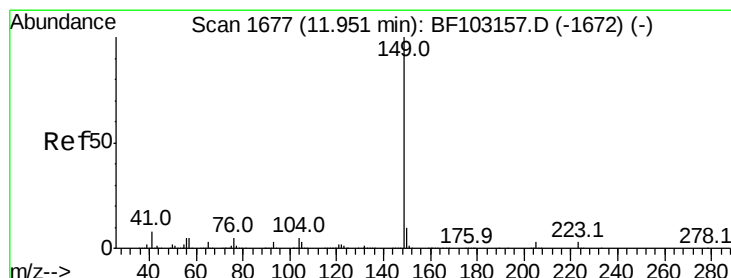
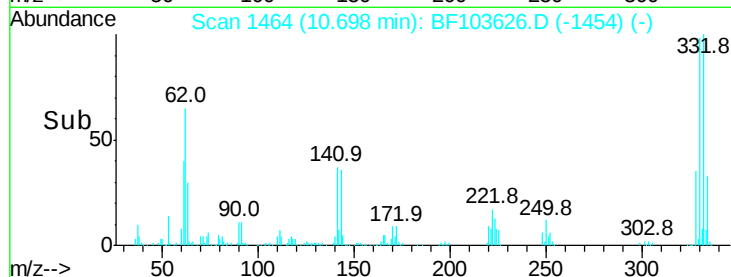
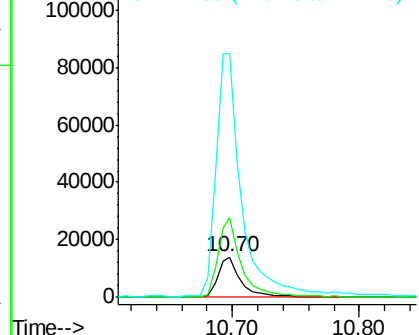
#66
4-Bromophenyl-phenylether
Concen: 4.016 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF103626.D
Acq: 14 Mar 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 18148
Ion Ratio Lower Upper
248 100
250 197.8 76.9 115.3#
141 607.4 74.4 111.6#

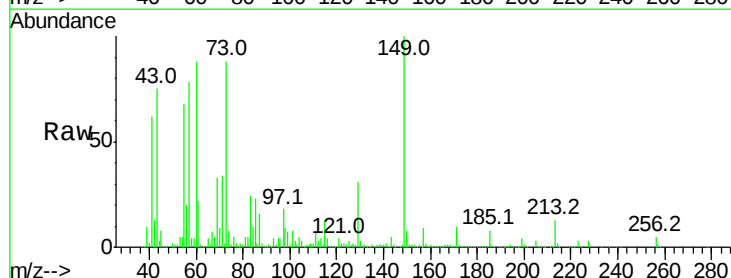


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

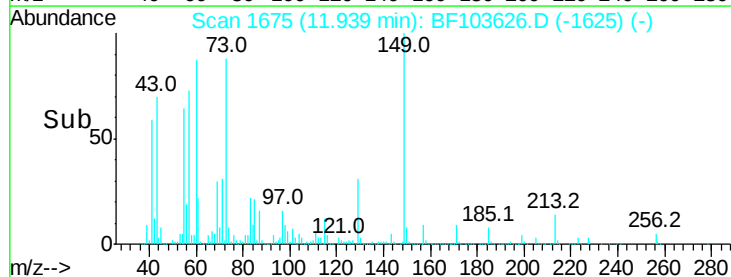
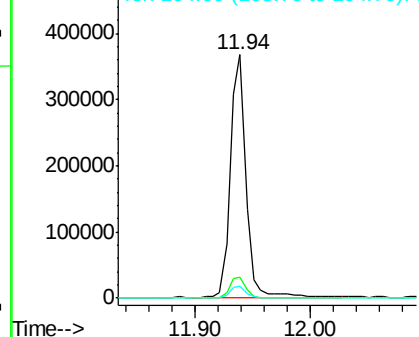


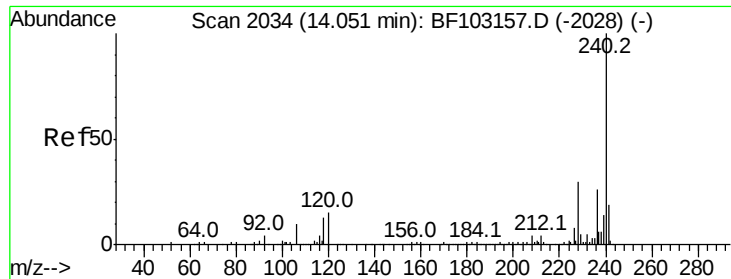
#73
Di-n-butylphthalate
Concen: 11.179 ng
RT: 11.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BF103626.D
Acq: 14 Mar 2018 3:16

Tgt Ion:149 Resp: 341025
Ion Ratio Lower Upper
149 100
150 8.5 7.8 11.6
104 5.0 3.8 5.8



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103626.D

Acq: 14 Mar 2018 3:16

Instrument :

BNA_F

ClientSampled :

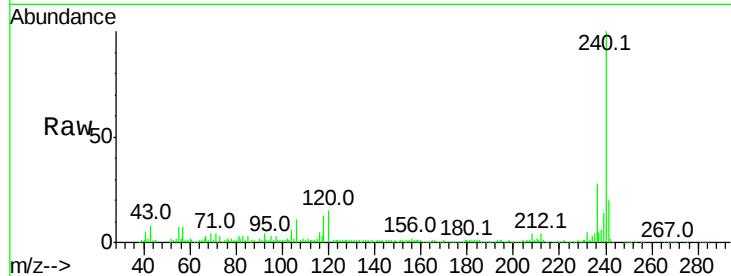
Tot Ion:240 Resp: 250608

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

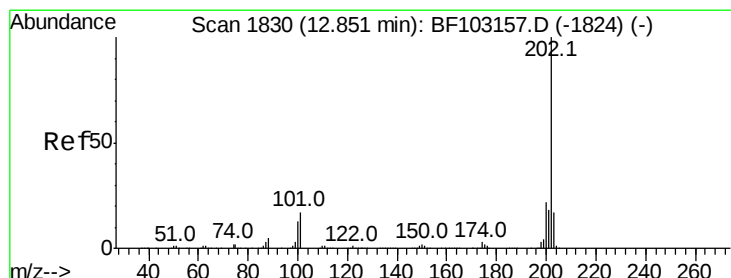
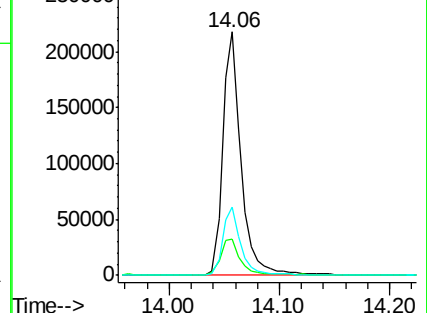
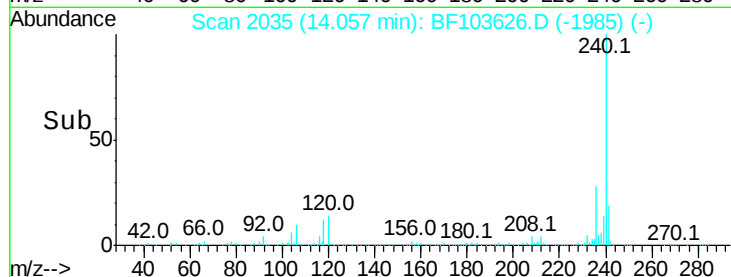
236 28.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.190 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.24 min

Lab File: BF103626.D

Acq: 14 Mar 2018 3:16

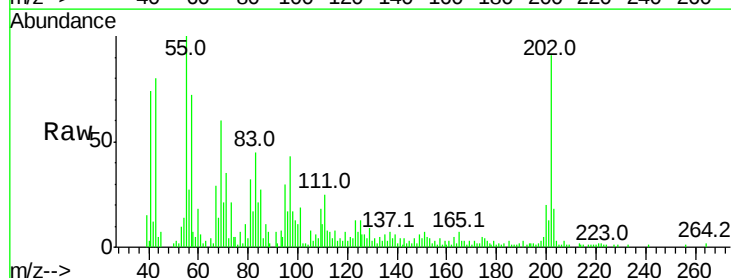
Tgt Ion:202 Resp: 42800

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

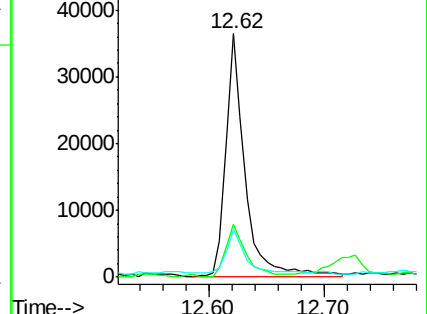
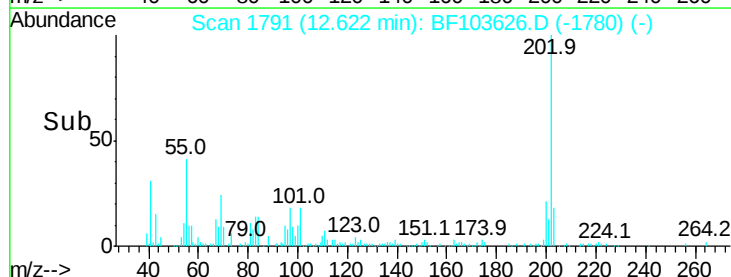
203 19.6 14.3 21.5

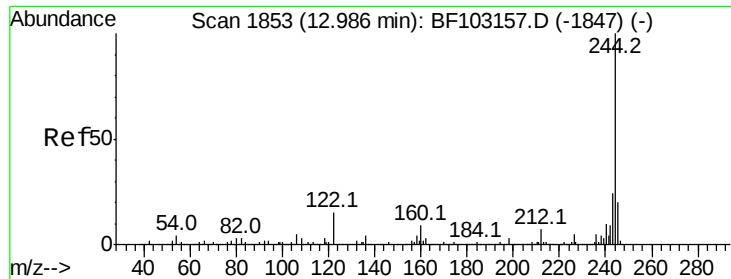


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 102.236 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103626.D

Acq: 14 Mar 2018 3:16

Instrument :

BNA_F

ClientSampled :

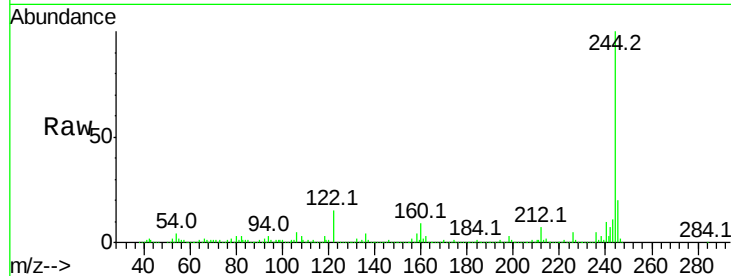
Tot Ion:244 Resp: 1065833

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

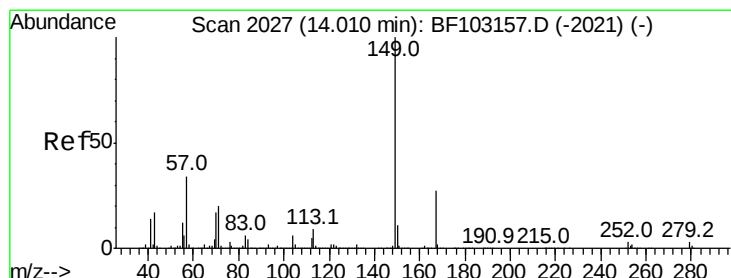
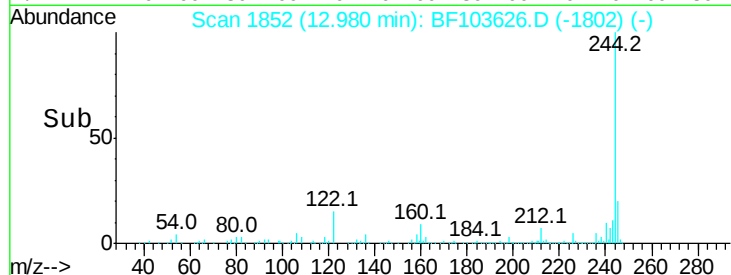
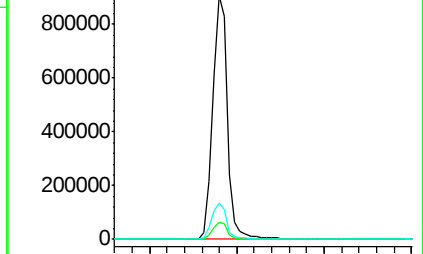
122 15.0 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.392 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF103626.D

Acq: 14 Mar 2018 3:16

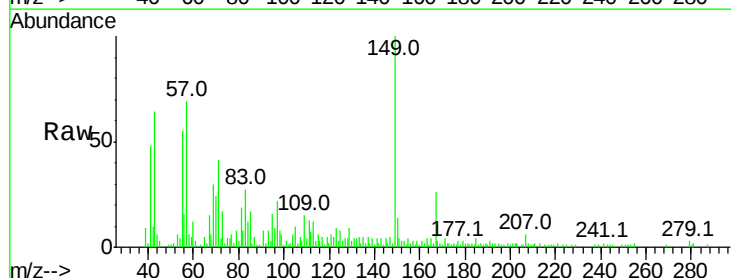
Tgt Ion:149 Resp: 33322

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

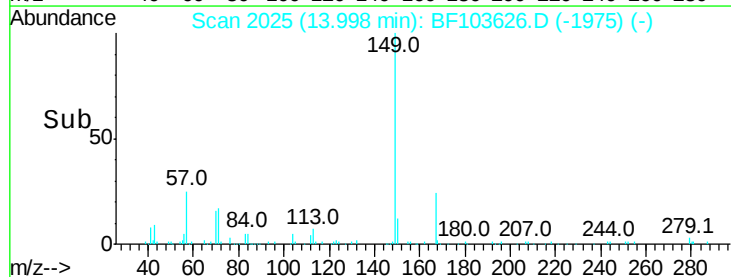
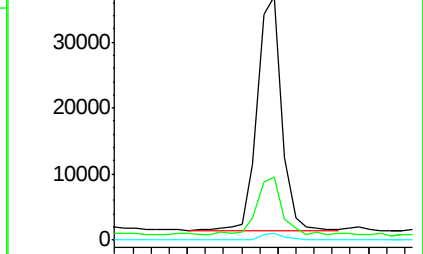
279 2.8 3.0 4.4#

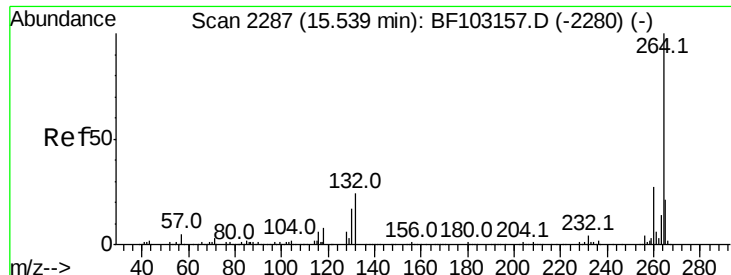


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

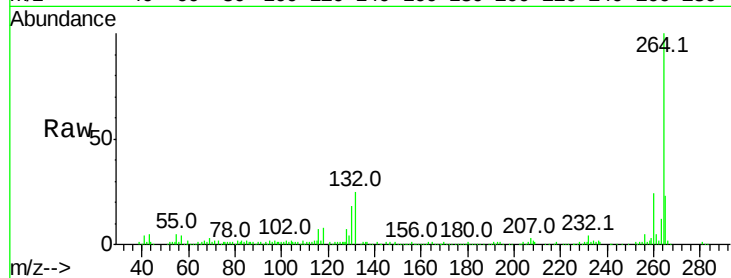




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF103626.D
 Acq: 14 Mar 2018 3:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	236253
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.8	17.5	26.3



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

