

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121817\
 Data File : BF101495.D
 Acq On : 18 Dec 2017 21:51
 Operator : SJ/JU
 Sample : I6888-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-122-2(50-52)

Quant Time: Dec 19 01:25:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

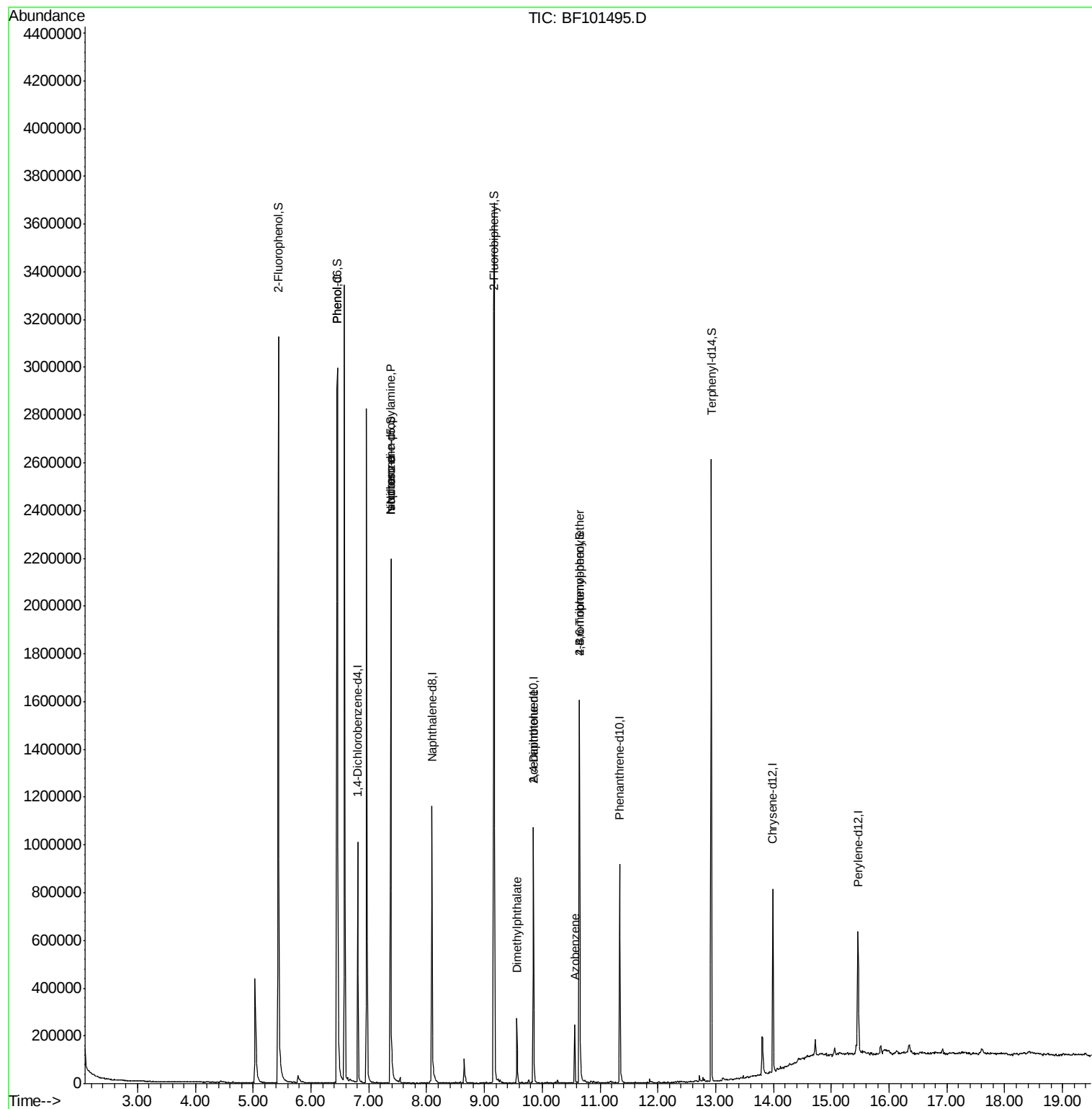
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149322	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	571133	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	219841	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	355273	20.00	ng	0.00
75) Chrysene-d12	13.99	240	292440	20.00	ng	0.00
86) Perylene-d12	15.46	264	257155	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1088338	108.57	ng	0.02
7) Phenol-d6	6.46	99	1302580	104.41	ng	0.00
23) Nitrobenzene-d5	7.38	82	788910	76.89	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	229706	108.44	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1253396	88.44	ng	0.00
78) Terphenyl-d14	12.92	244	894211	73.72	ng	0.00
Target Compounds						
10) Phenol	6.46	94	67147	4.72	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.38	70	104487	12.75	ng	# 80
25) Isophorone	7.38	82	788906	38.33	ng	# 64
49) Dimethylphthalate	9.56	163	122320	6.92	ng	99
56) 2,4-Dinitrotoluene	9.85	165	28084	6.94	ng	# 23
62) Azobenzene	10.56	77	47650	2.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	14485	3.63	ng	# 1

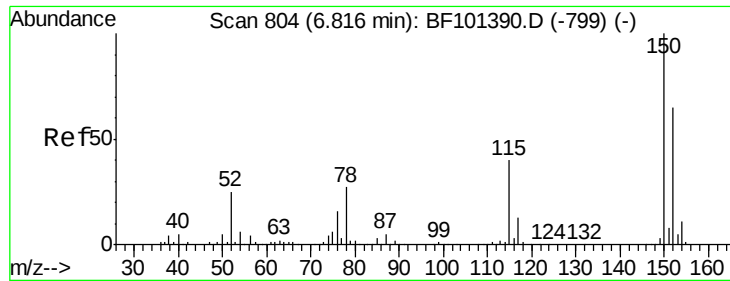
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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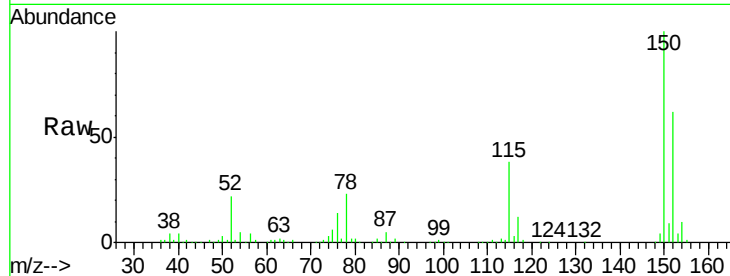


#1

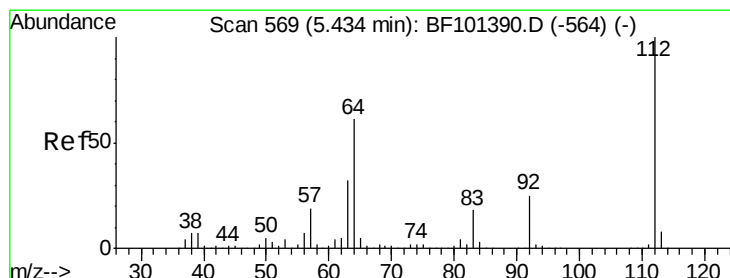
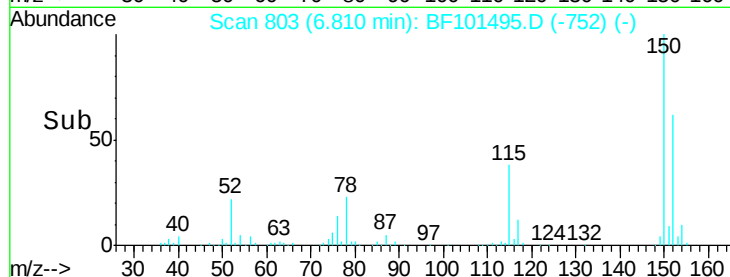
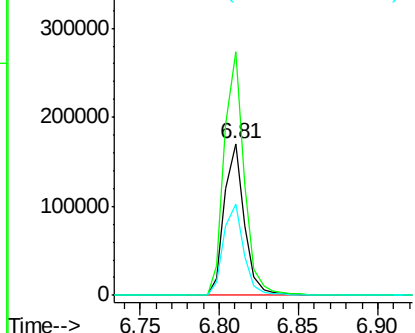
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(50-52)

Tot Ion:152 Resp: 149322
Ion Ratio Lower Upper
152 100
150 160.7 124.6 186.8
115 60.4 50.1 75.1



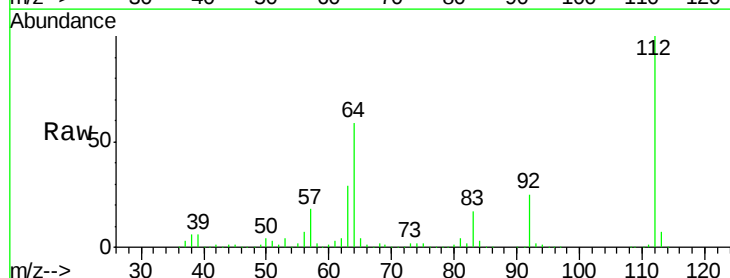
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



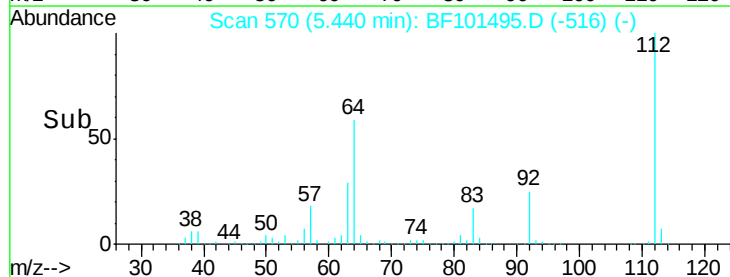
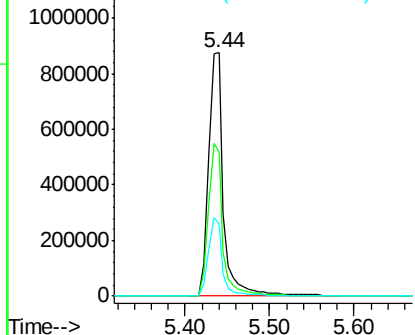
#5

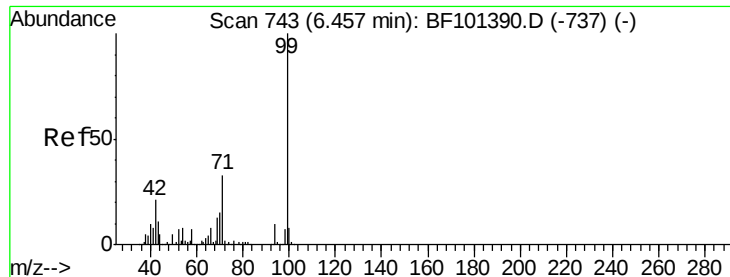
2-Fluorophenol
Concen: 108.57 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Tgt Ion:112 Resp: 1088338
Ion Ratio Lower Upper
112 100
64 59.0 47.9 71.9
63 29.4 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: 104.41 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101495.D

Acq: 18 Dec 2017 21:51

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(50-52)

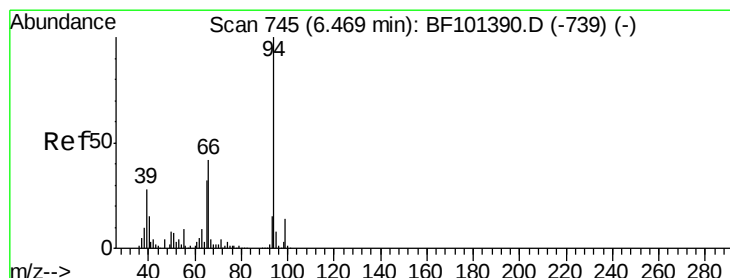
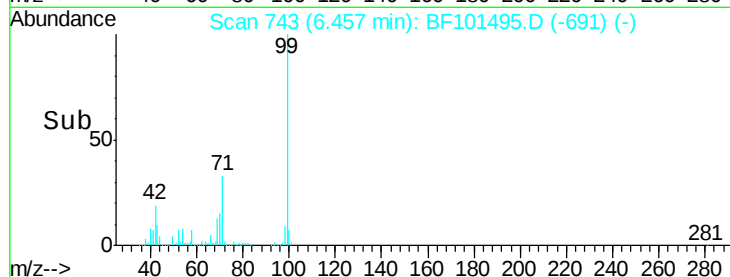
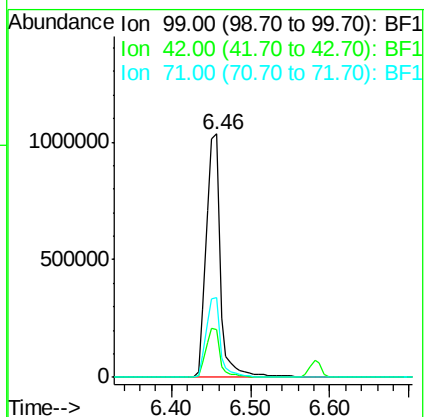
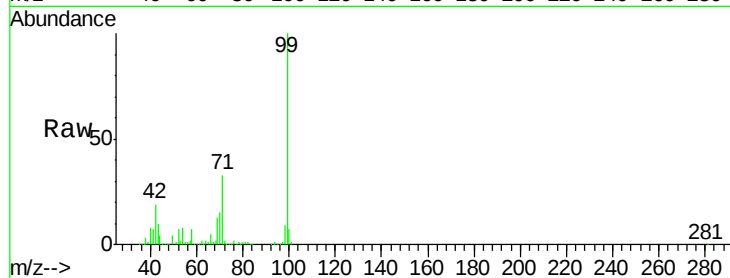
Tot Ion: 99 Resp: 1302580

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 33.0 25.4 38.0



#10

Phenol

Concen: 4.72 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101495.D

Acq: 18 Dec 2017 21:51

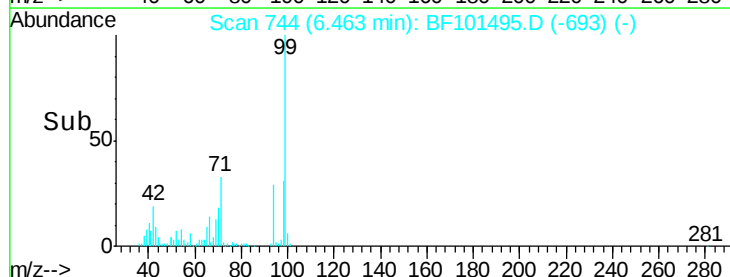
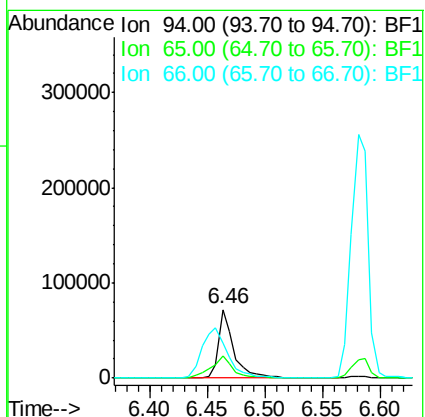
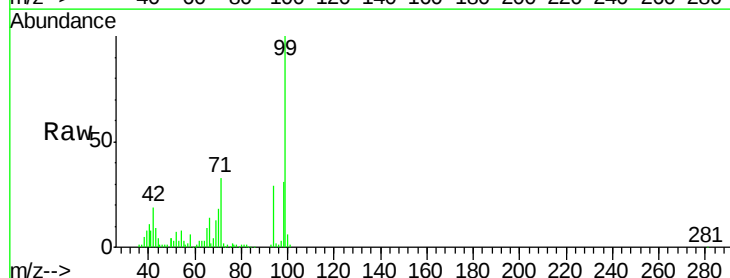
Tgt Ion: 94 Resp: 67147

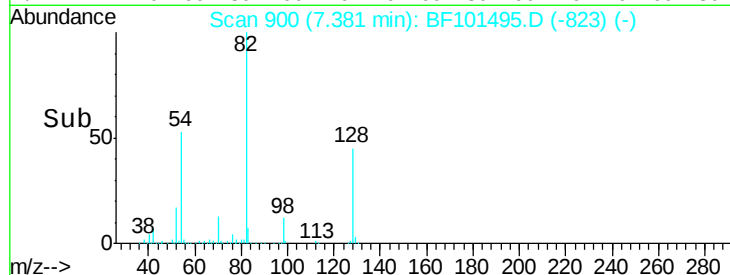
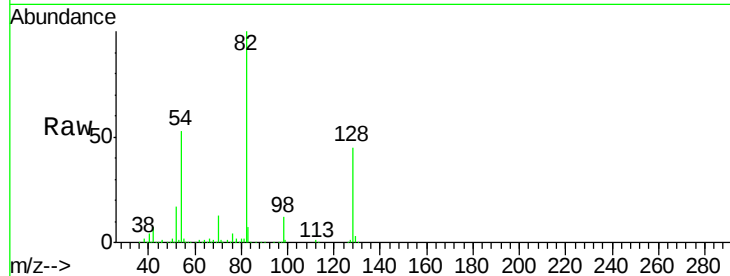
Ion Ratio Lower Upper

94 100

65 32.2 7.9 47.9

66 50.4 16.2 56.2

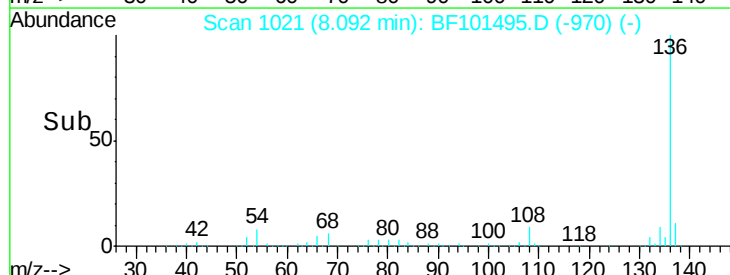
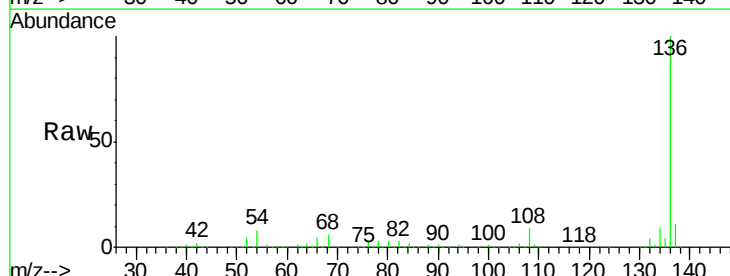
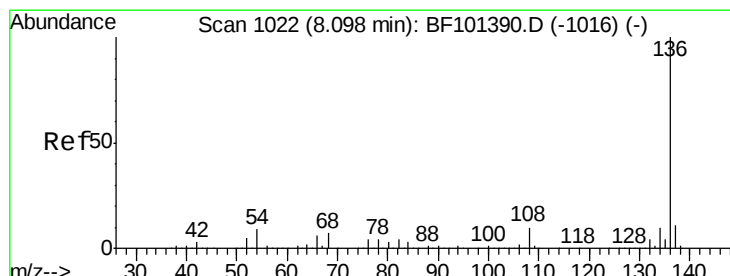
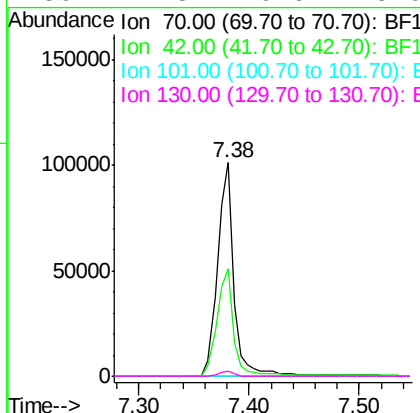




#19
n-Nitroso-di-n-propylamine
Concen: 12.75 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

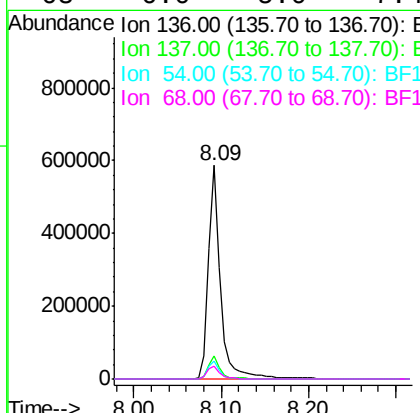
Instrument :
BNA_F
ClientSampleId :
EPE-122-2(50-52)

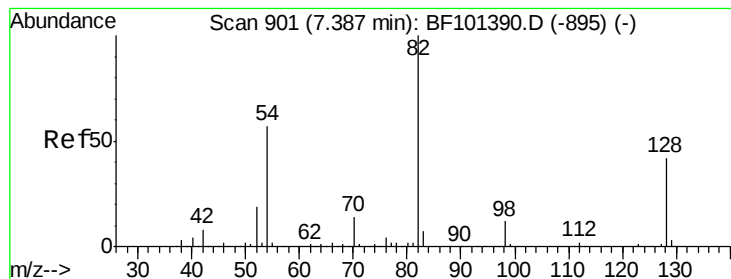
Tot Ion: 70 Resp: 104487
Ion Ratio Lower Upper
70 100
42 50.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Tgt Ion:136 Resp: 571133
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.3 6.6 9.8
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 76.89 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF101495.D

Acq: 18 Dec 2017 21:51

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(50-52)

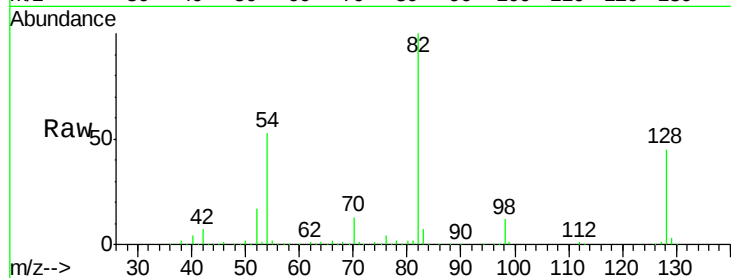
Tot Ion: 82 Resp: 788910

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

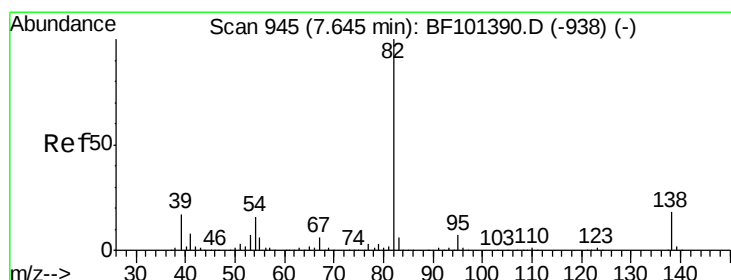
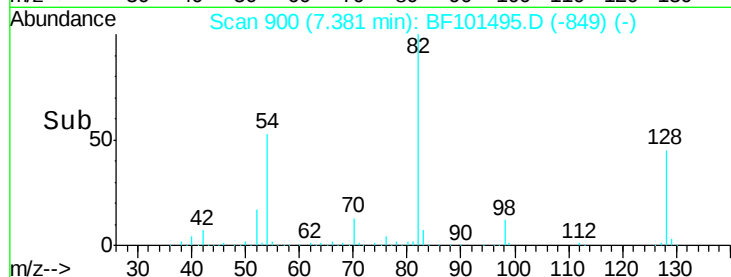
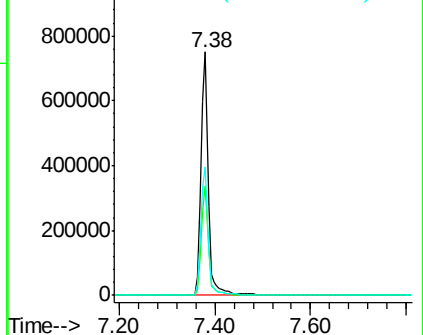
54 52.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 38.33 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.25 min

Lab File: BF101495.D

Acq: 18 Dec 2017 21:51

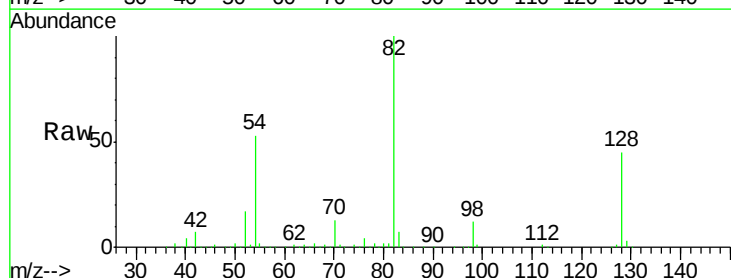
Tgt Ion: 82 Resp: 788906

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

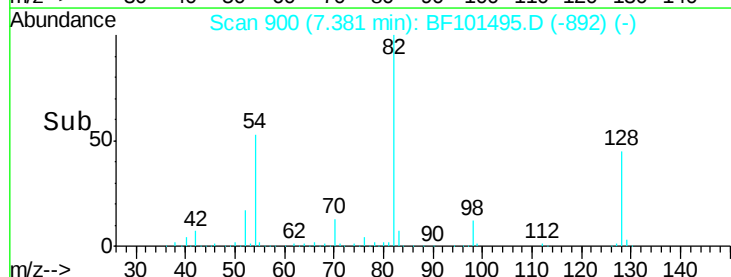
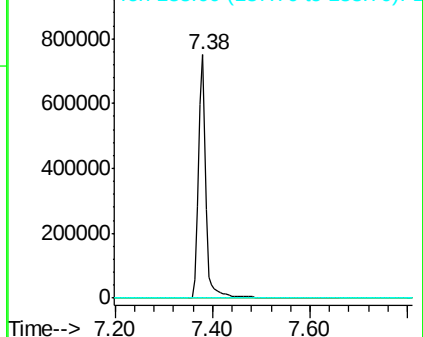
138 0.0 14.9 22.3#

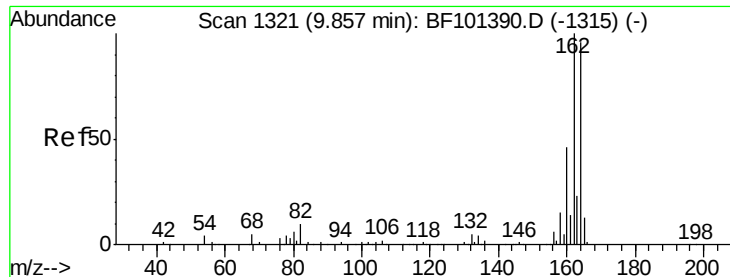


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

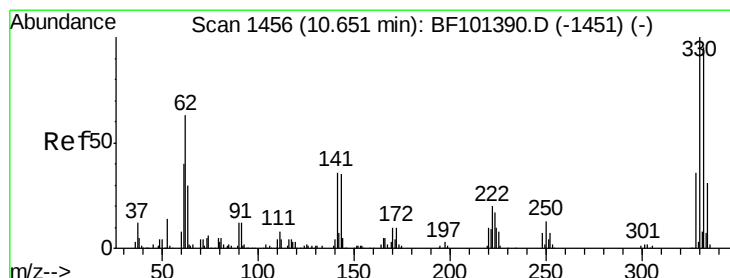
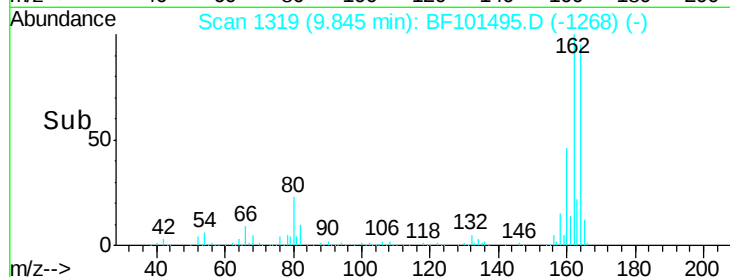
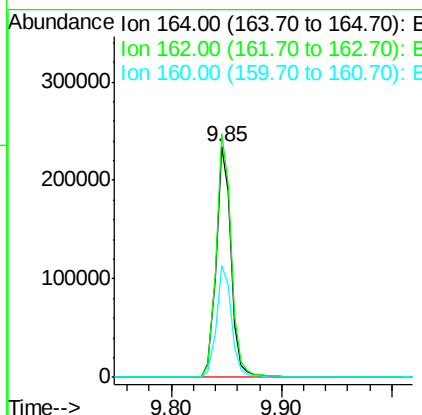
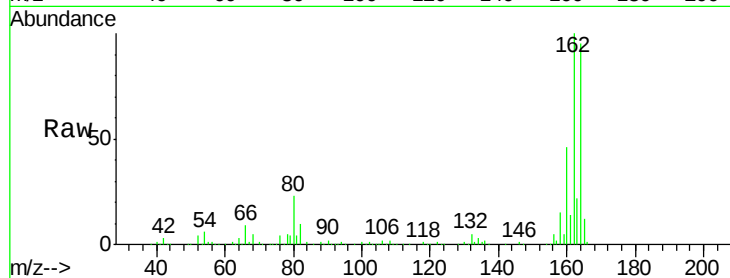




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF101495.D
 Acq: 18 Dec 2017 21:51

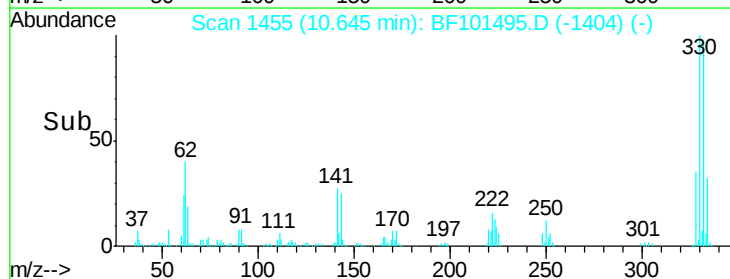
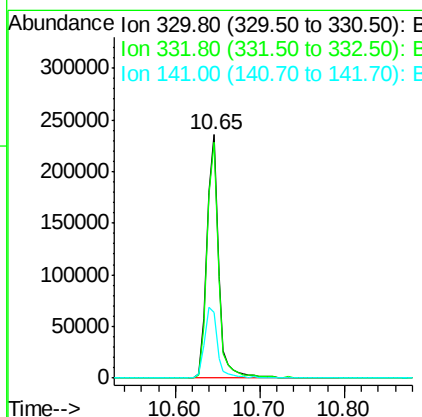
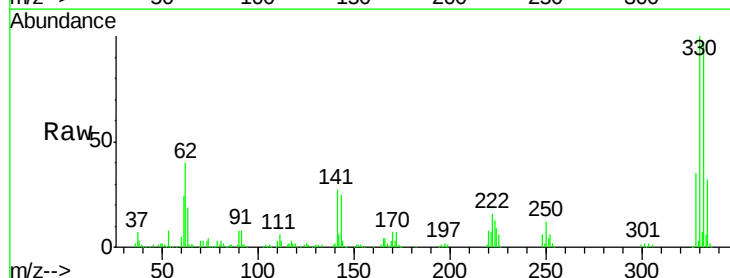
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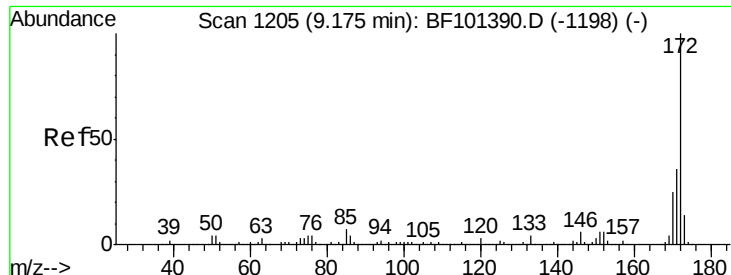
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	48.4	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 108.44 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF101495.D
 Acq: 18 Dec 2017 21:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	31.8	29.9	44.9

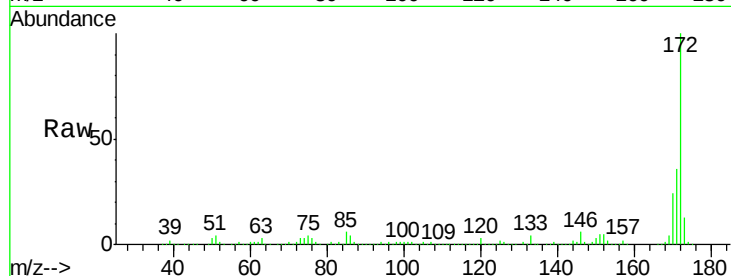




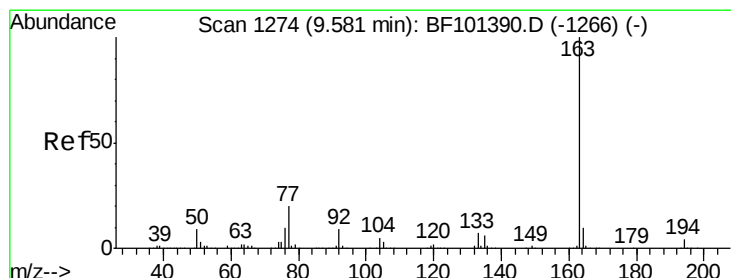
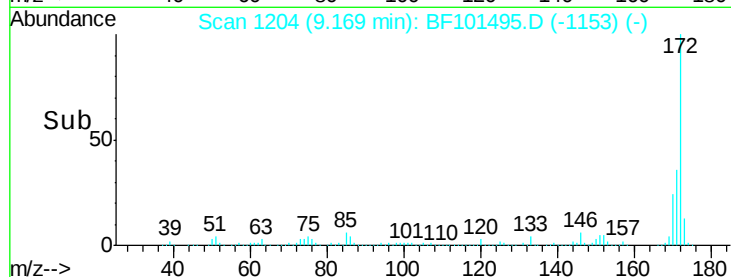
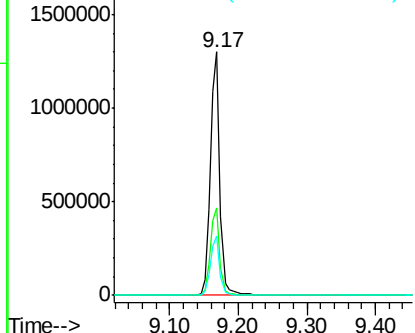
#44
2-Fluorobiphenyl
Concen: 88.44 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(50-52)

Tot Ion:172 Resp: 1253396
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.1 19.6 29.4

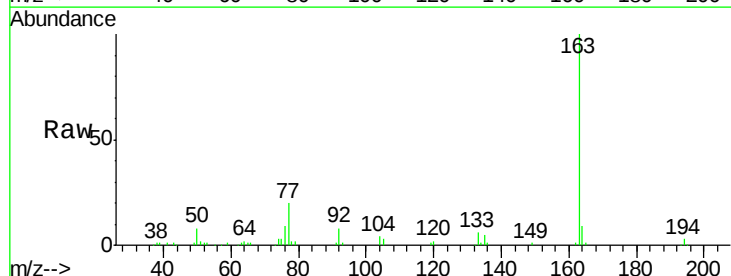


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

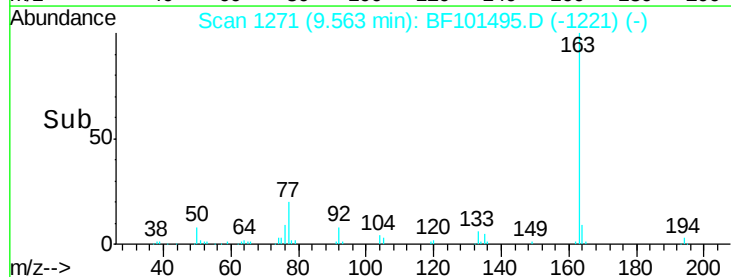
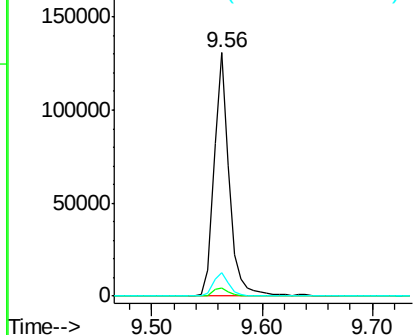


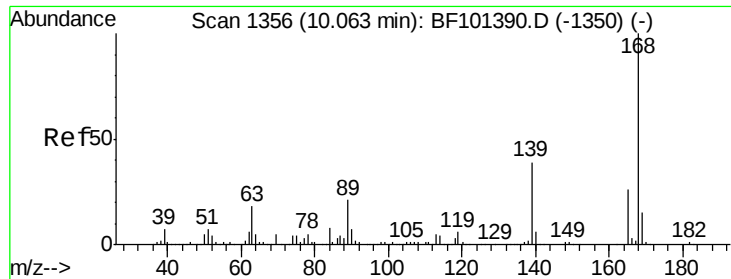
#49
Dimethylphthalate
Concen: 6.92 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Tgt Ion:163 Resp: 122320
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.5 8.2 12.2



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

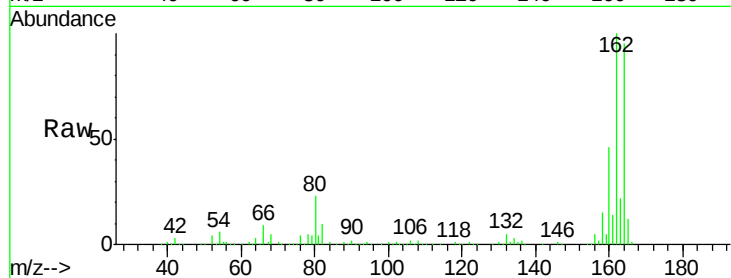




#56
 2,4-Dinitrotoluene
 Concen: 6.94 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF101495.D
 Acq: 18 Dec 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :
 EPE-122-2(50-52)

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

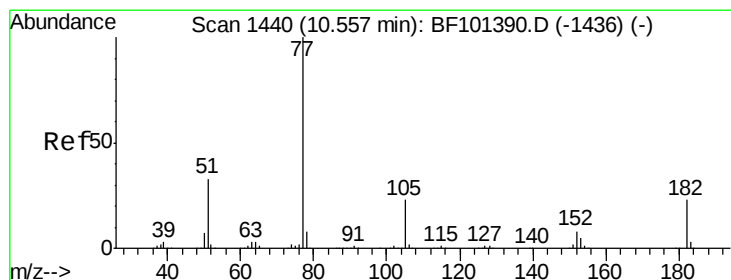
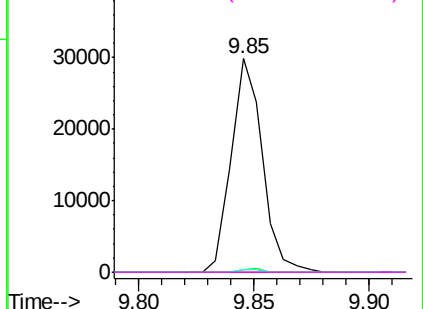
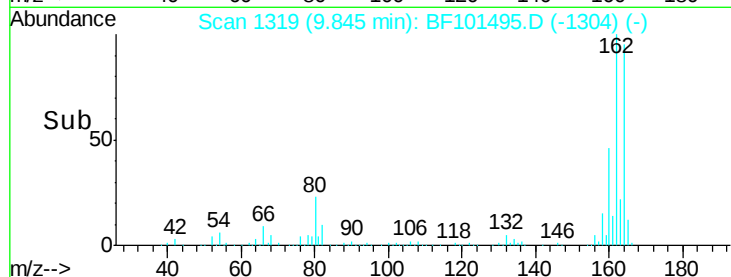


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

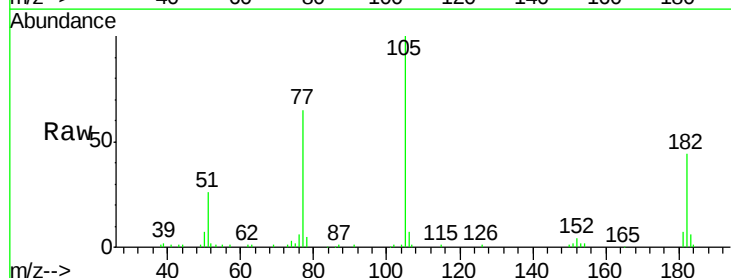
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#62
 Azobenzene
 Concen: 2.63 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF101495.D
 Acq: 18 Dec 2017 21:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	67.4	1.7	41.7#
105	153.6	3.0	43.0#
51	40.6	9.9	49.9

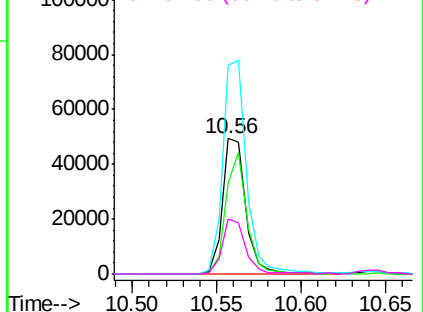
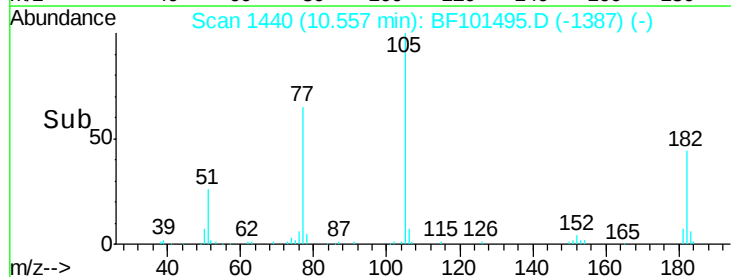


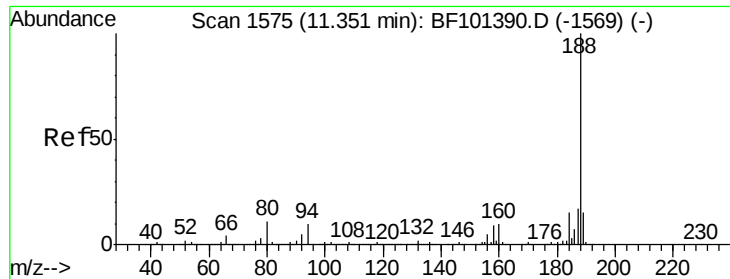
Abundance Ion 77.00 (76.70 to 77.70): BF1

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): BF1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF101495.D

Acq: 18 Dec 2017 21:51

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(50-52)

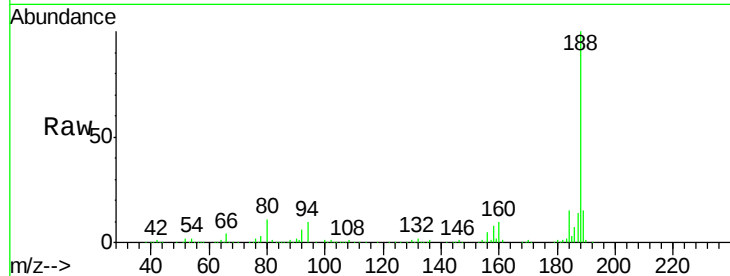
Tot Ion:188 Resp: 355273

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

80 11.3 9.2 13.8



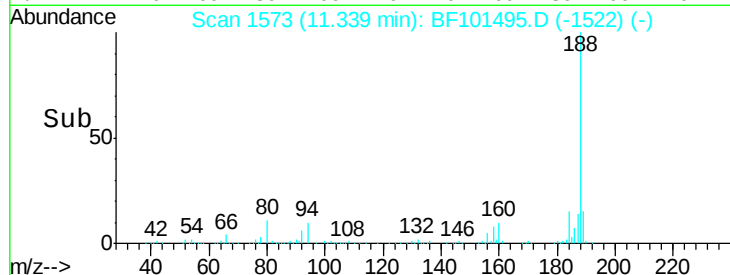
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

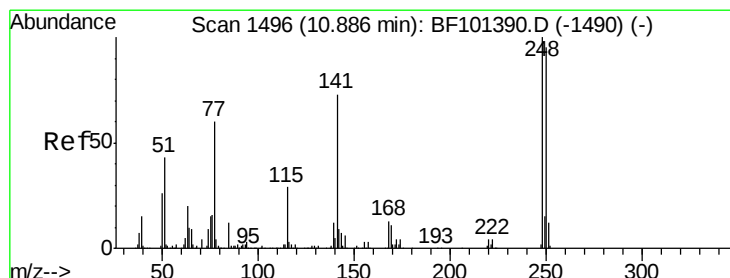
Ion 80.00 (79.70 to 80.70): BF1

11.34

Time-->



Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.63 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.23 min

Lab File: BF101495.D

Acq: 18 Dec 2017 21:51

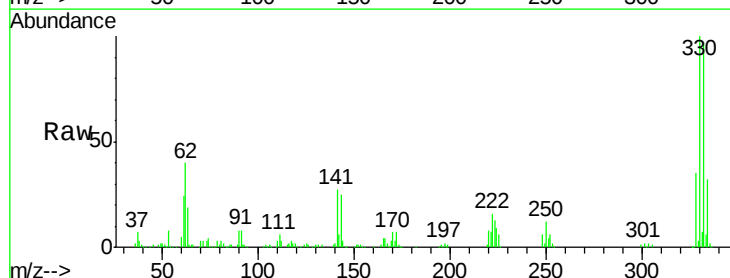
Tgt Ion:248 Resp: 14485

Ion Ratio Lower Upper

248 100

250 201.5 76.9 115.3#

141 440.4 74.4 111.6#



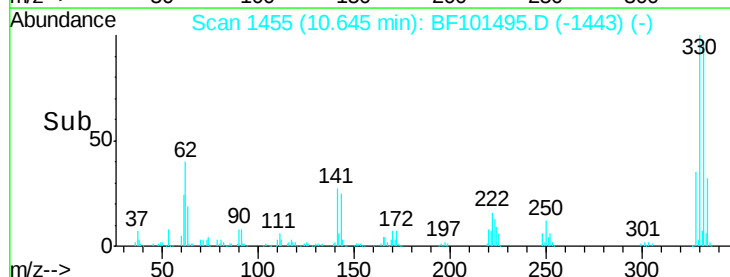
Abundance Ion 248.00 (247.70 to 248.70): E

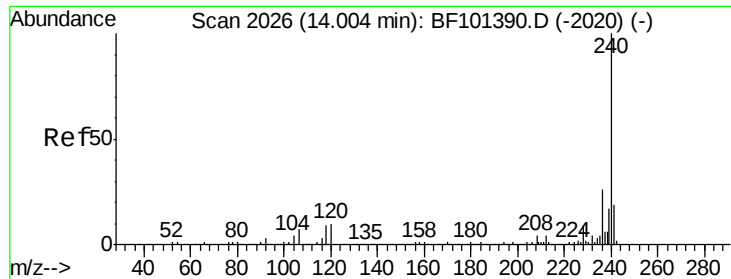
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

10.65

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101495.D

Acq: 18 Dec 2017 21:51

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(50-52)

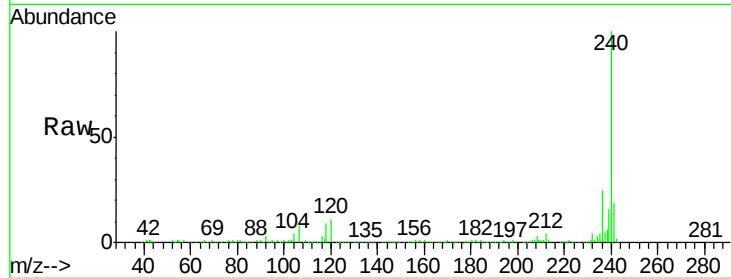
Tot Ion:240 Resp: 292440

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

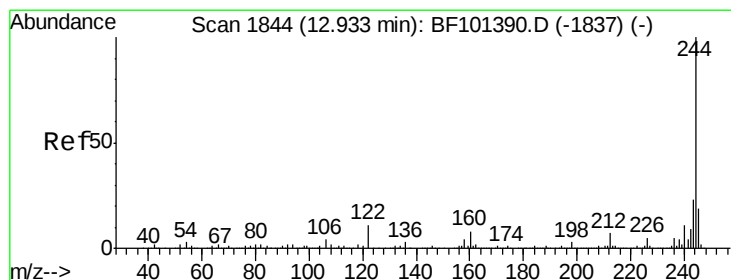
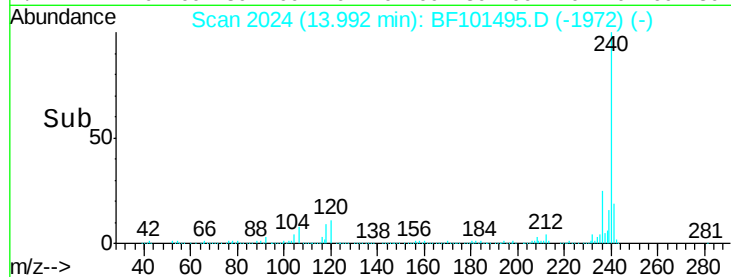
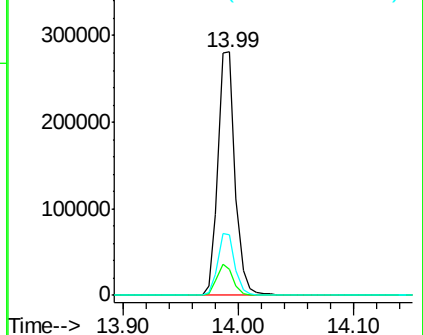
236 24.8 20.7 31.1



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



#78

Terphenyl-d14

Concen: 73.72 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101495.D

Acq: 18 Dec 2017 21:51

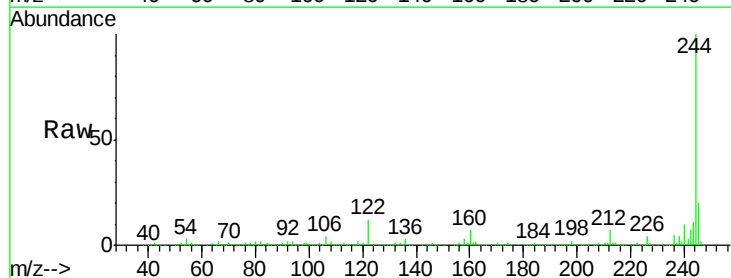
Tgt Ion:244 Resp: 894211

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

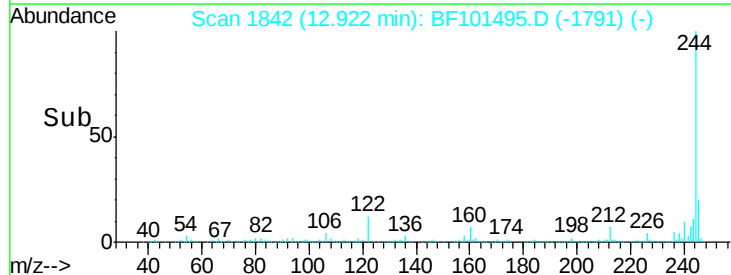
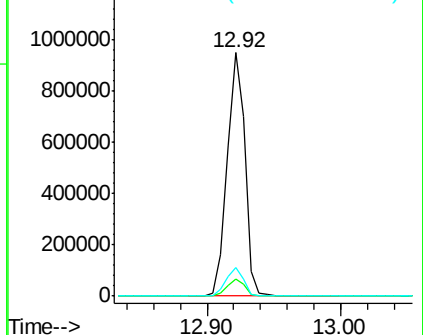
122 11.9 11.0 16.4

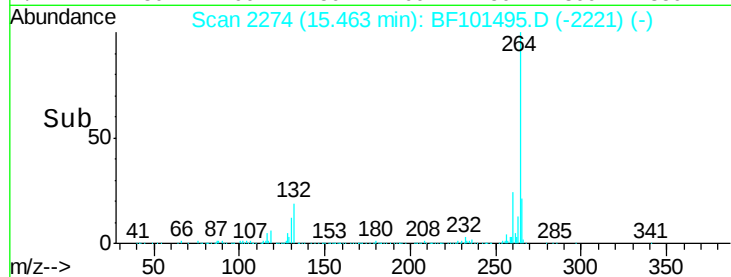
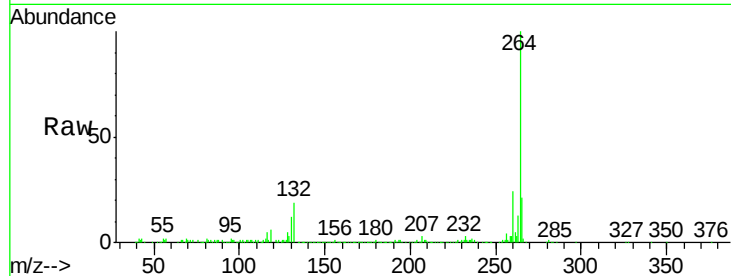
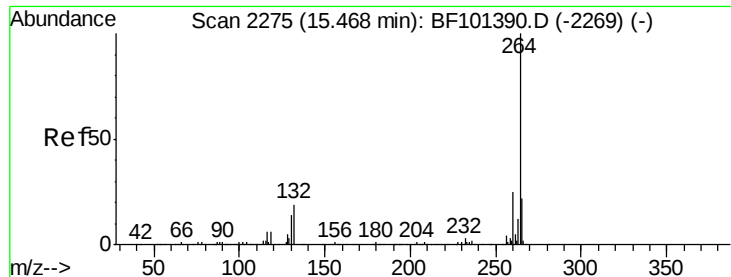


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF101495.D
Acq: 18 Dec 2017 21:51

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(50-52)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	17.5	26.3

