

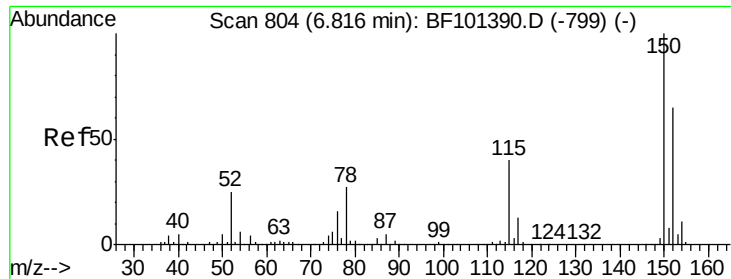
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121817\
 Data File : BF101497.D
 Acq On : 18 Dec 2017 22:45
 Operator : SJ/JU
 Sample : I6888-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-122-2(75-77)

Quant Time: Dec 19 01:26:17 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	145889	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	556505	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	216123	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	340735	20.00	ng	0.00
75) Chrysene-d12	13.99	240	283458	20.00	ng	0.00
86) Perylene-d12	15.46	264	268100	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1028057	104.97	ng	0.01
7) Phenol-d6	6.45	99	1230087	100.92	ng	0.00
23) Nitrobenzene-d5	7.38	82	716526	71.67	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	214454	102.98	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1118573	80.29	ng	0.00
78) Terphenyl-d14	12.92	244	783181	66.61	ng	0.00
Target Compounds						
10) Phenol	6.46	94	70385	5.07	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	7.38	70	93886	11.73	ng	# 82
25) Isophorone	7.38	82	716522	35.73	ng	# 64
49) Dimethylphthalate	9.56	163	130420	7.50	ng	99
56) 2,4-Dinitrotoluene	9.85	165	27223	6.84	ng	# 23
62) Azobenzene	10.56	77	68124	3.82	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	12964	3.39	ng	# 1

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

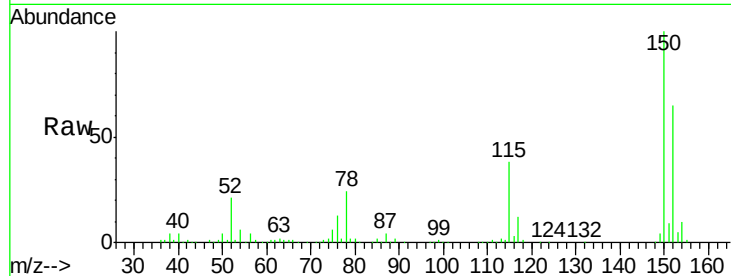


#1

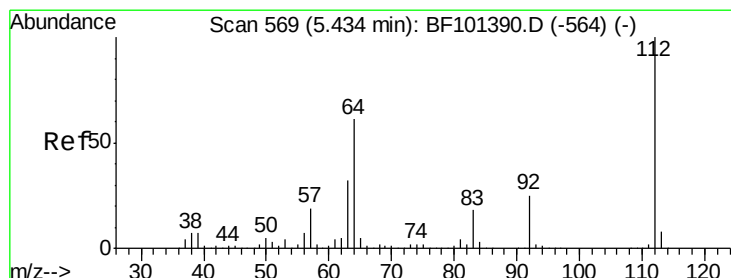
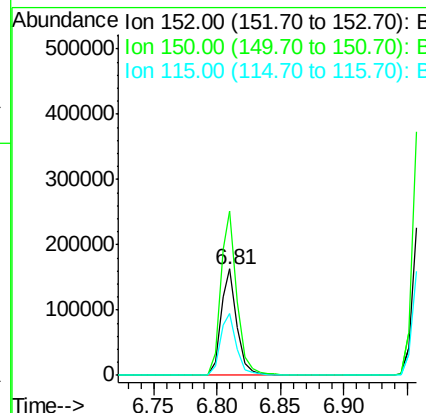
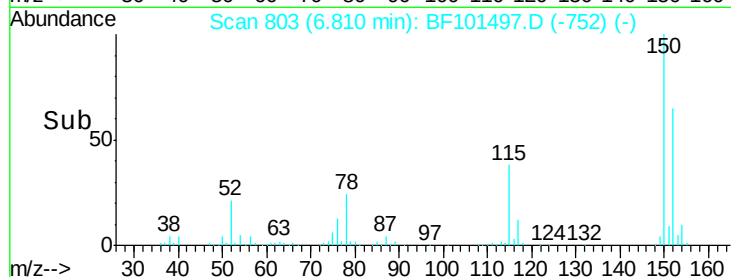
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101497.D
Acq: 18 Dec 2017 22:45

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(75-77)

Tot Ion:152 Resp: 145889
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 58.2 50.1 75.1



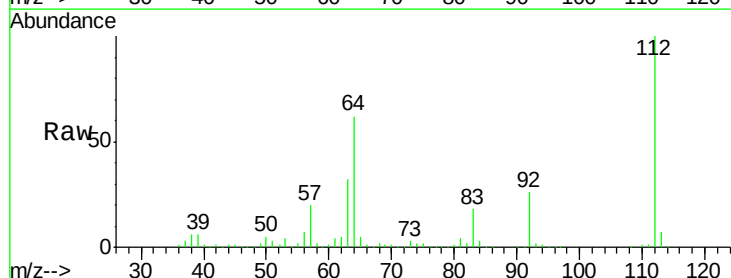
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



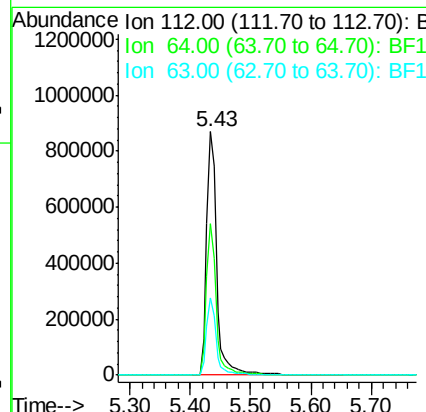
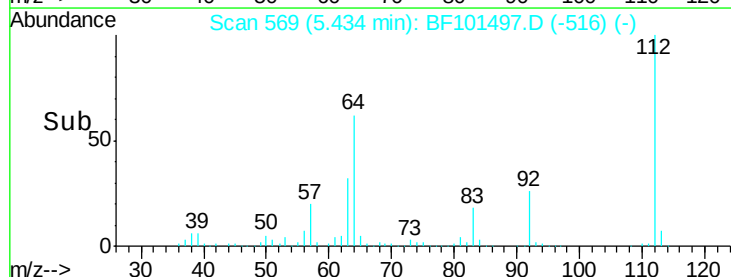
#5

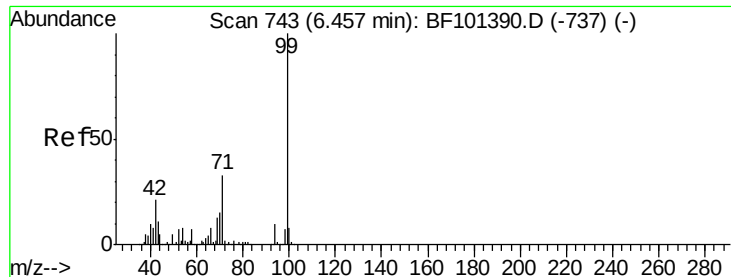
2-Fluorophenol
Concen: 104.97 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101497.D
Acq: 18 Dec 2017 22:45

Tgt Ion:112 Resp: 1028057
Ion Ratio Lower Upper
112 100
64 62.2 47.9 71.9
63 31.8 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: 100.92 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101497.D

Acq: 18 Dec 2017 22:45

Instrument :

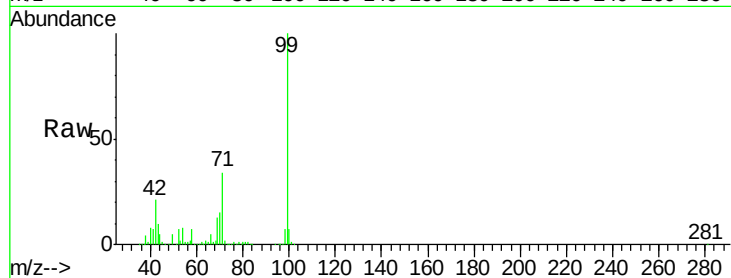
BNA_F

ClientSampleId :

EPE-122-2(75-77)

Tot Ion: 99 Resp: 1230087

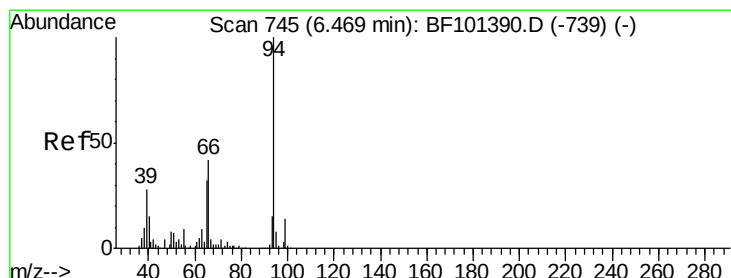
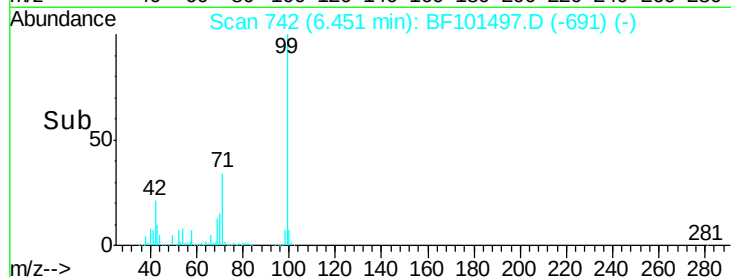
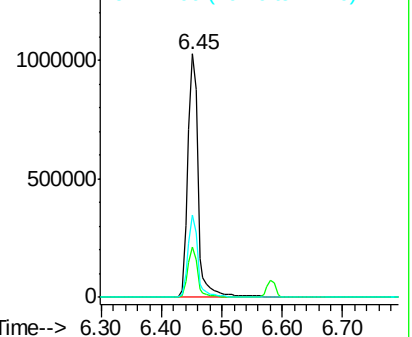
Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	33.6	25.4	38.0



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



#10

Phenol

Concen: 5.07 ng

RT: 6.46 min Scan# 744

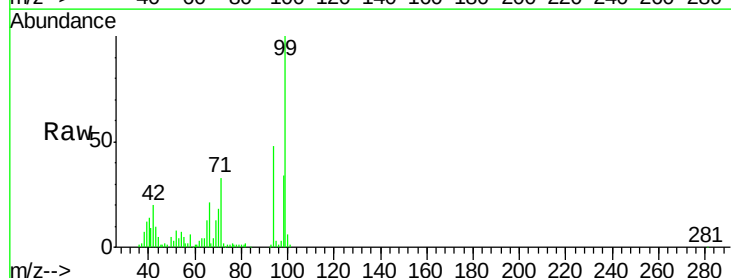
Delta R.T. 0.00 min

Lab File: BF101497.D

Acq: 18 Dec 2017 22:45

Tgt Ion: 94 Resp: 70385

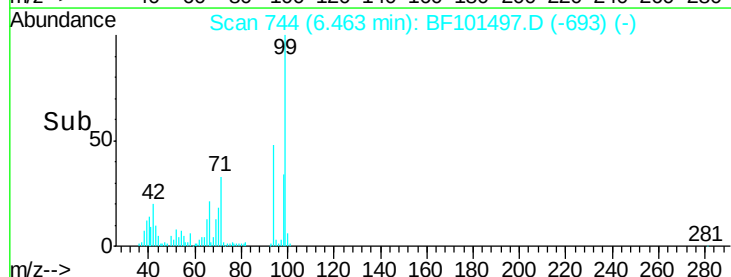
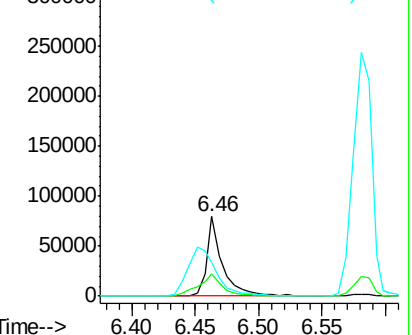
Ion	Ratio	Lower	Upper
94	100		
65	28.0	7.9	47.9
66	42.8	16.2	56.2

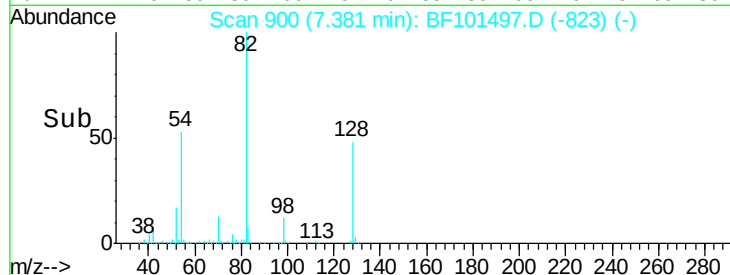
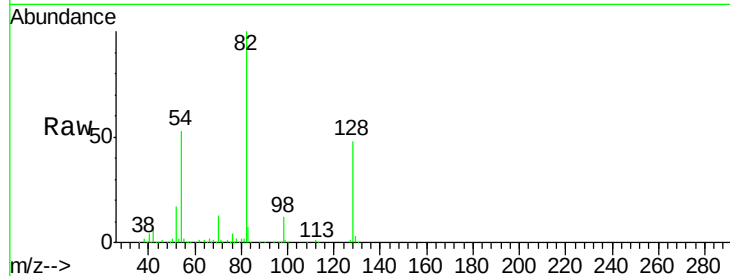
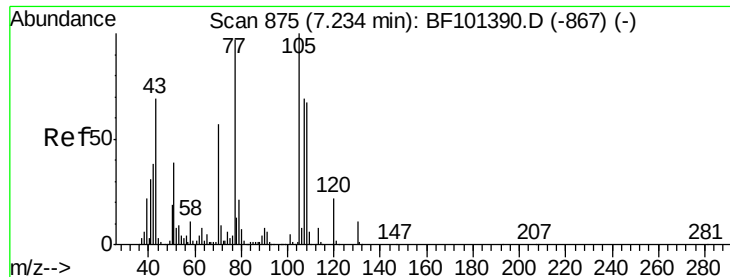


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

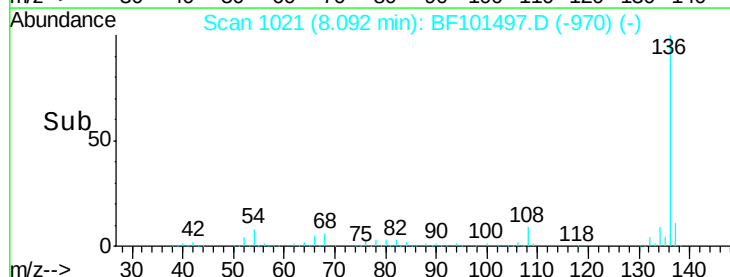
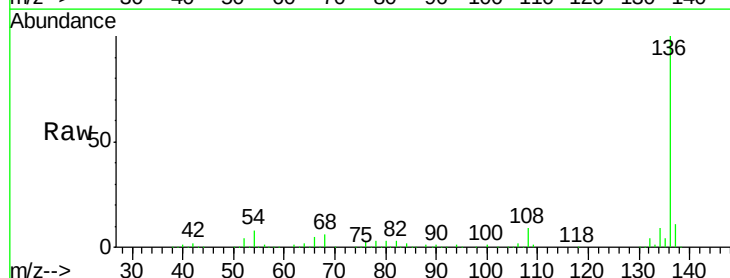
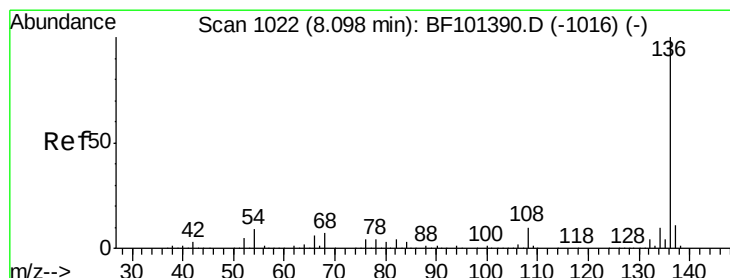
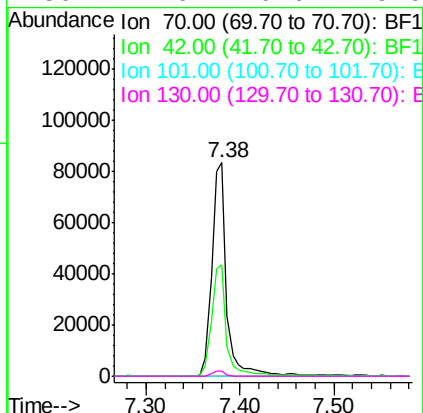




#19
n-Nitroso-di-n-propylamine
Concen: 11.73 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF101497.D
Acq: 18 Dec 2017 22:45

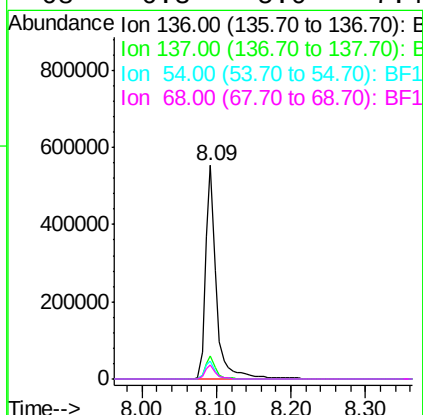
Instrument :
BNA_F
ClientSampleId :
EPE-122-2(75-77)

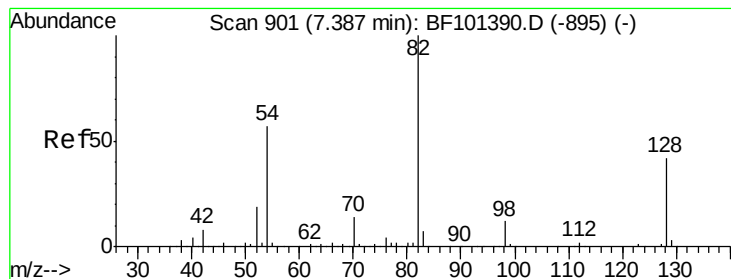
Tot Ion: 70 Resp: 93886
Ion Ratio Lower Upper
70 100
42 51.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101497.D
Acq: 18 Dec 2017 22:45

Tgt Ion:136 Resp: 556505
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 8.4 6.6 9.8
68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 71.67 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF101497.D

Acq: 18 Dec 2017 22:45

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(75-77)

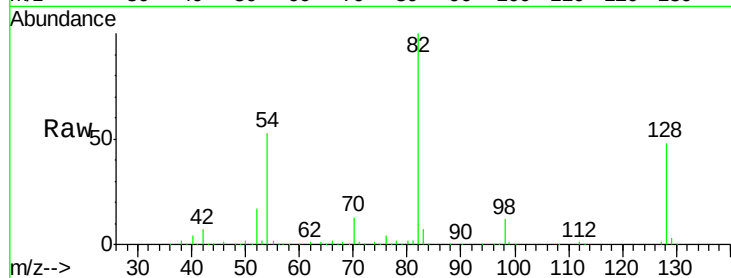
Tot Ion: 82 Resp: 716526

Ion Ratio Lower Upper

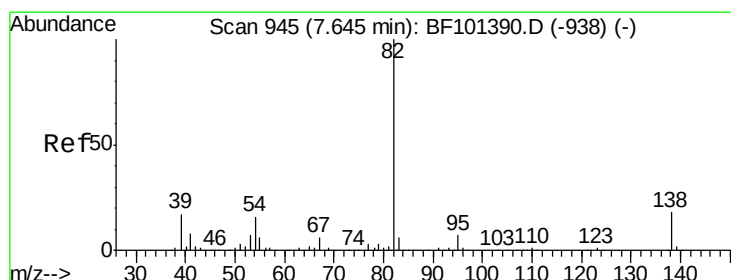
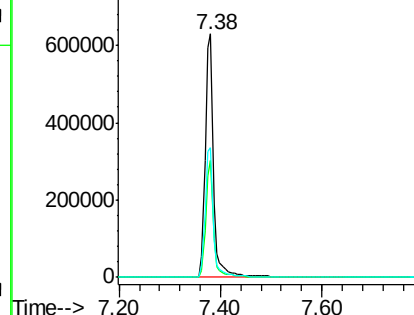
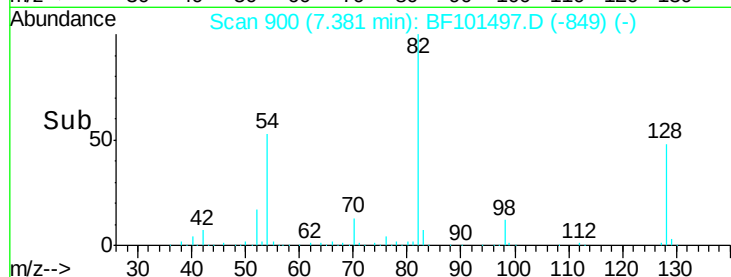
82 100

128 48.0 36.1 54.1

54 53.1 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: 35.73 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.25 min

Lab File: BF101497.D

Acq: 18 Dec 2017 22:45

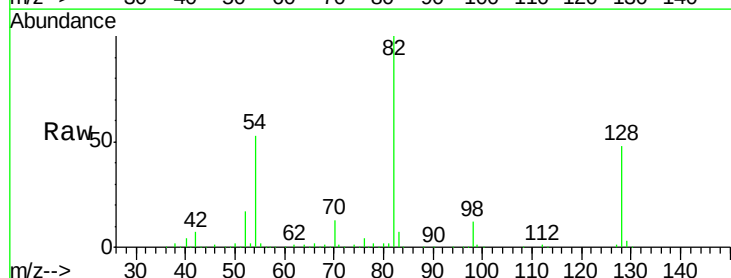
Tgt Ion: 82 Resp: 716522

Ion Ratio Lower Upper

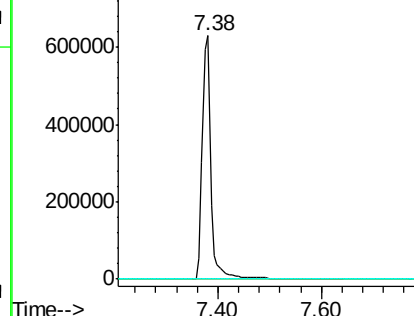
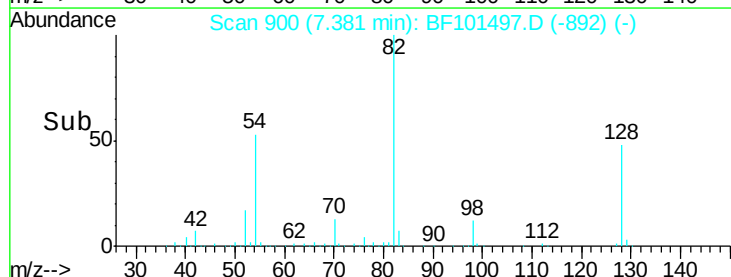
82 100

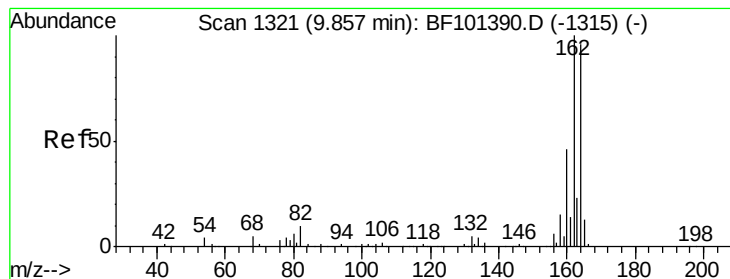
95 0.0 5.2 7.8#

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: BF101497.D

Acq: 18 Dec 2017 22:45

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(75-77)

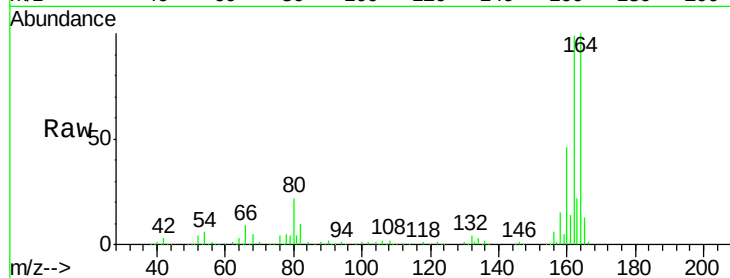
Tot Ion:164 Resp: 216123

Ion Ratio Lower Upper

164 100

162 99.4 86.1 129.1

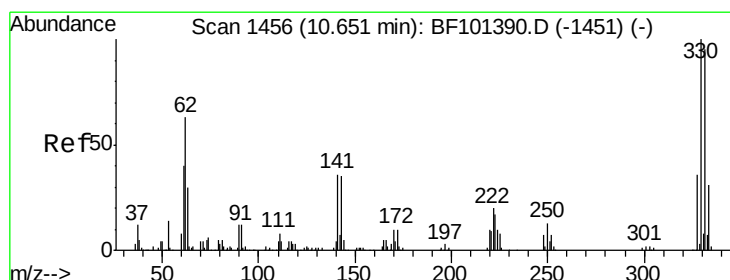
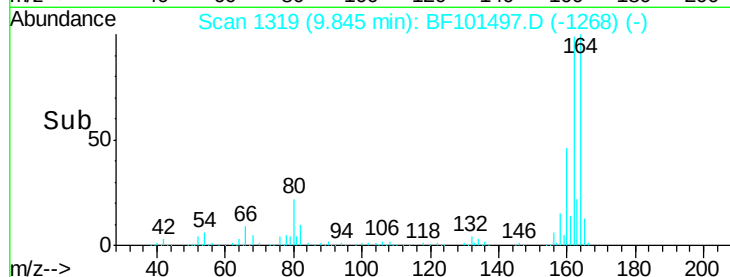
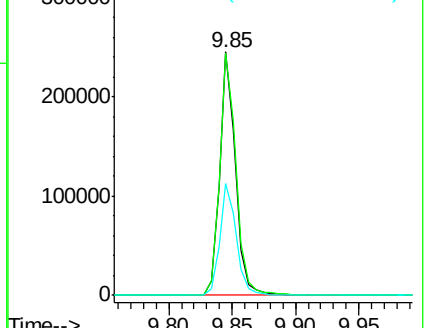
160 46.1 38.3 57.5



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: 102.98 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF101497.D

Acq: 18 Dec 2017 22:45

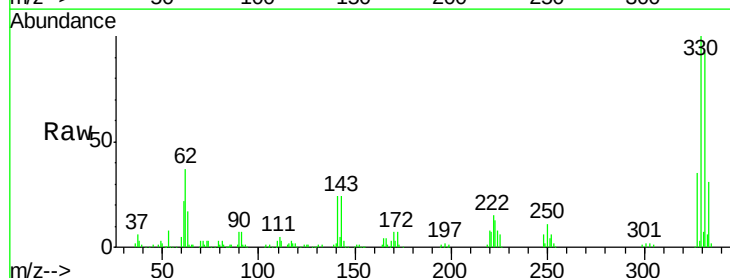
Tgt Ion:330 Resp: 214454

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

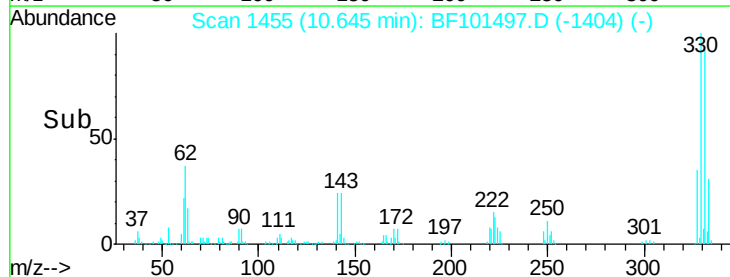
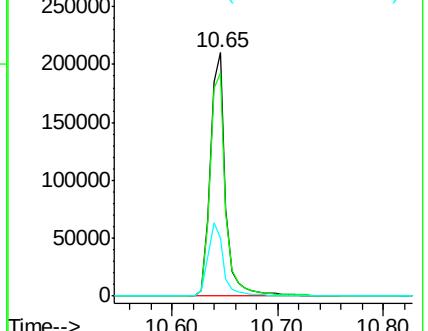
141 30.5 29.9 44.9

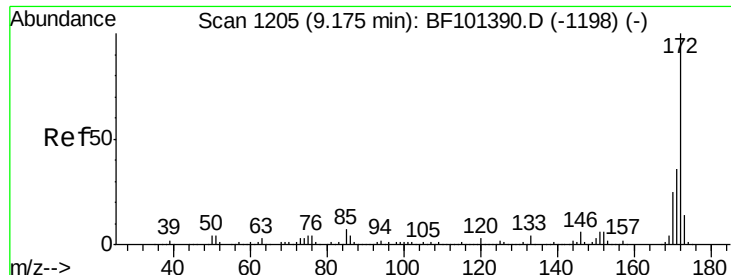


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

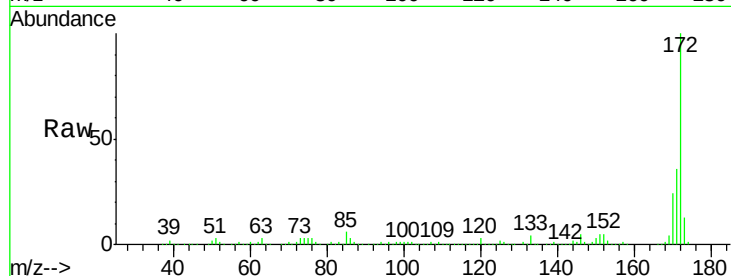




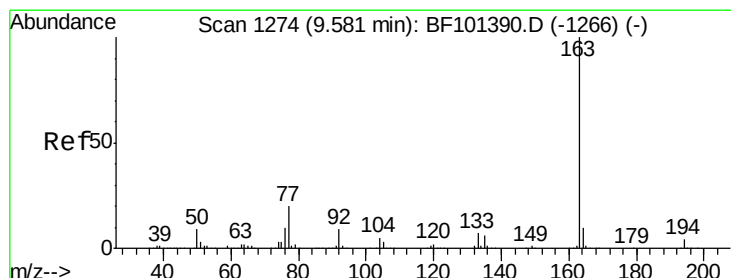
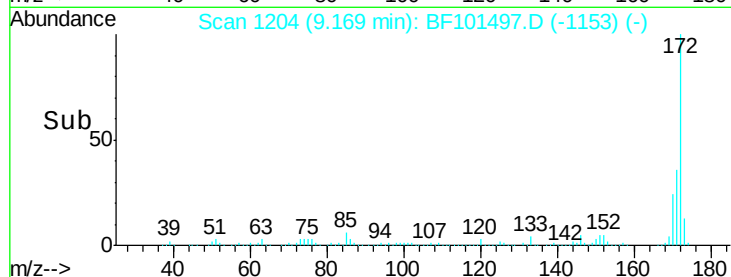
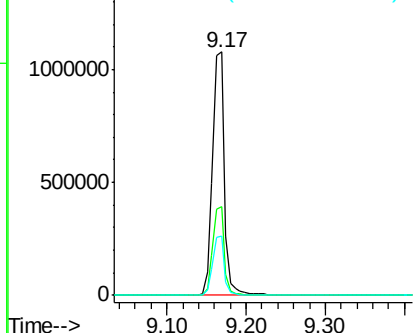
#44
2-Fluorobiphenyl
Concen: 80.29 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF101497.D
Acq: 18 Dec 2017 22:45

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(75-77)

Tot Ion:172 Resp: 1118573
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.3 19.6 29.4

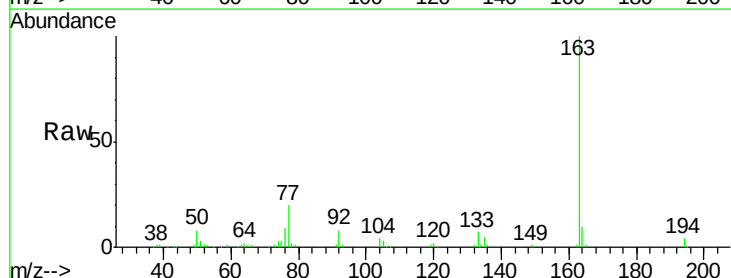


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

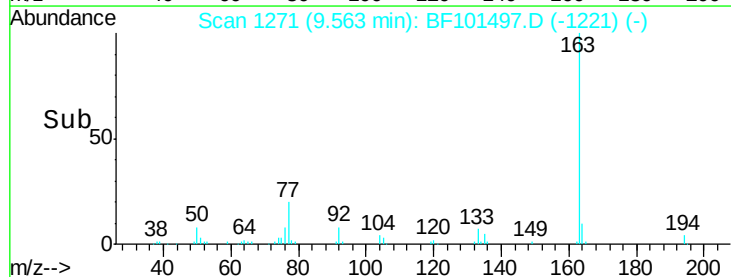
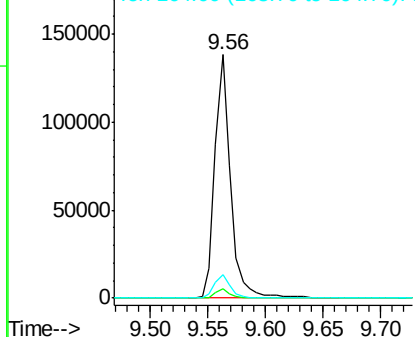


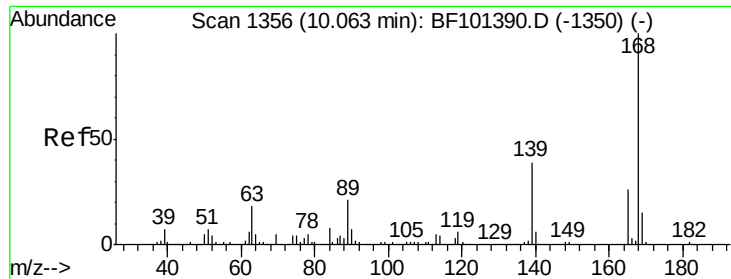
#49
Dimethylphthalate
Concen: 7.50 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101497.D
Acq: 18 Dec 2017 22:45

Tgt Ion:163 Resp: 130420
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.6 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

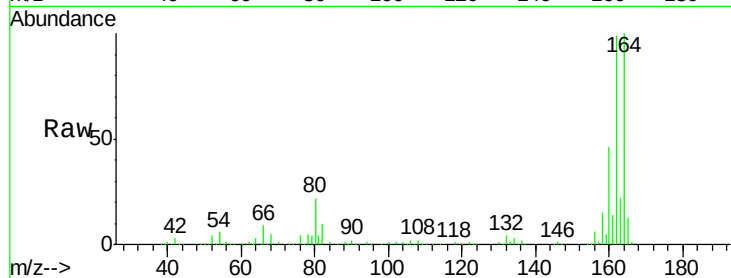




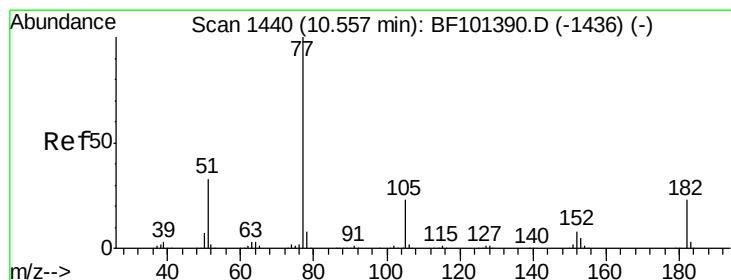
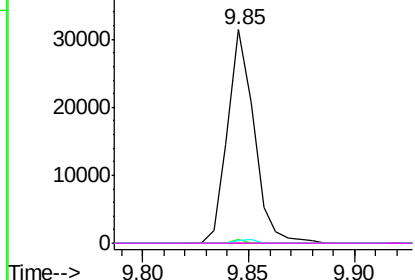
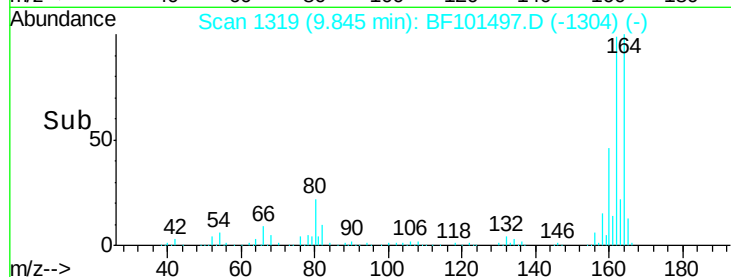
#56
2,4-Dinitrotoluene
Concen: 6.84 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF101497.D
Acq: 18 Dec 2017 22:45

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(75-77)

Tot Ion:	165	Resp:	27223
Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

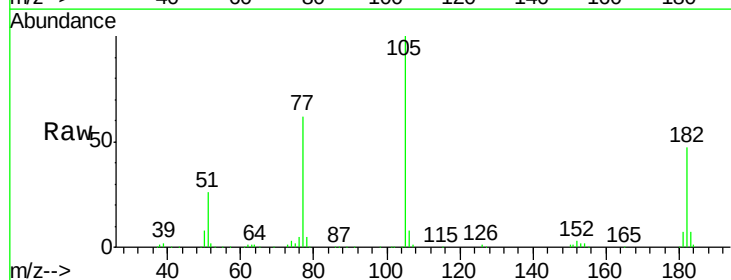


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

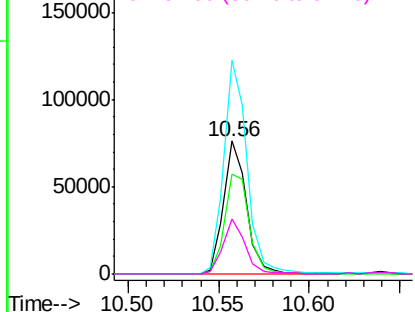
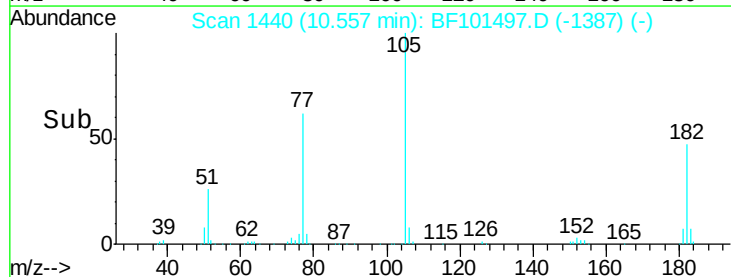


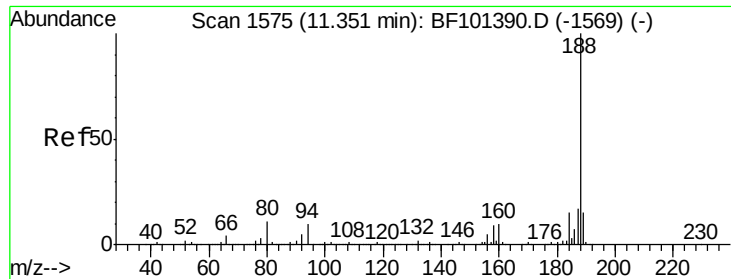
#62
Azobenzene
Concen: 3.82 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF101497.D
Acq: 18 Dec 2017 22:45

Tgt Ion:	77	Resp:	68124
Ion	Ratio	Lower	Upper
77	100		
182	74.7	1.7	41.7#
105	160.5	3.0	43.0#
51	41.2	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

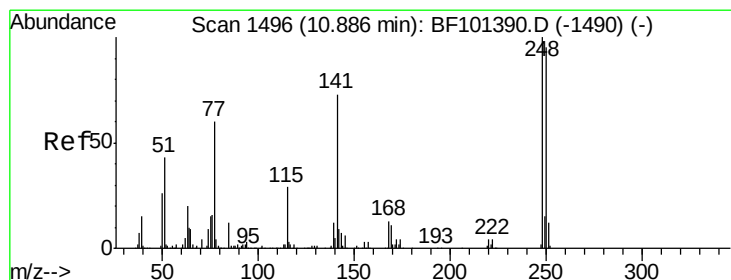
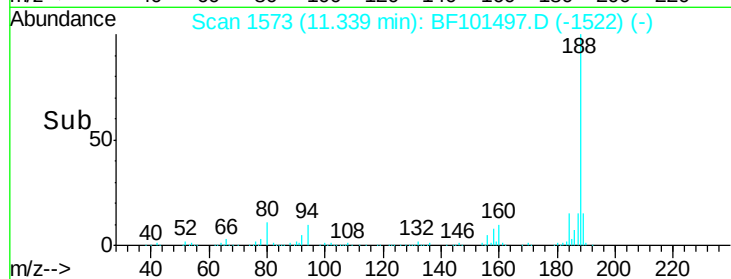
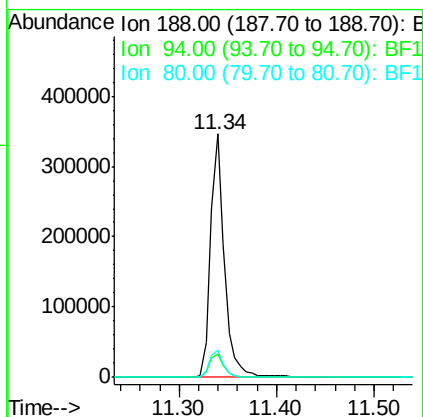
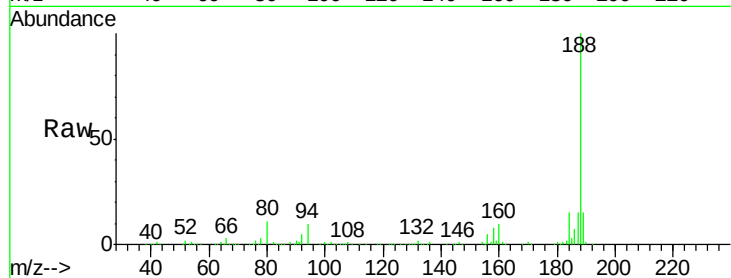




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101497.D
Acq: 18 Dec 2017 22:45

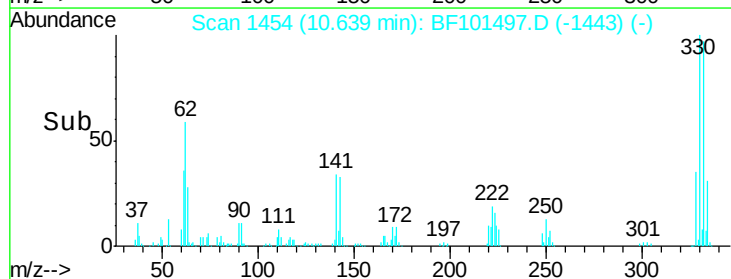
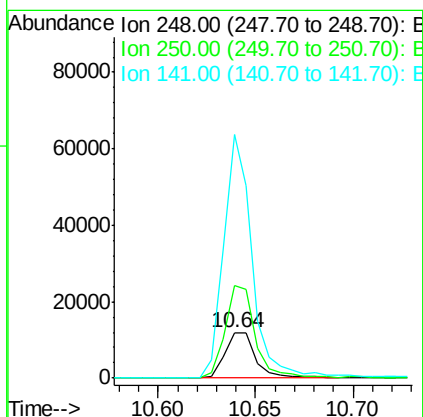
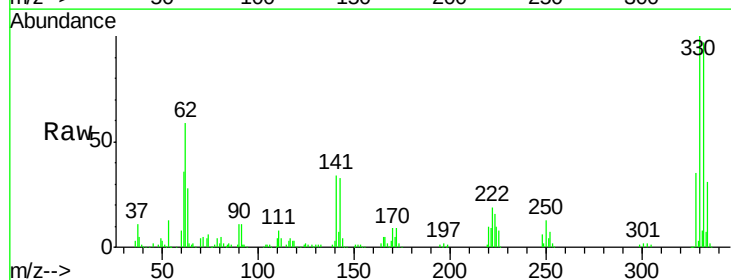
Instrument :
BNA_F
ClientSampleId :
EPE-122-2(75-77)

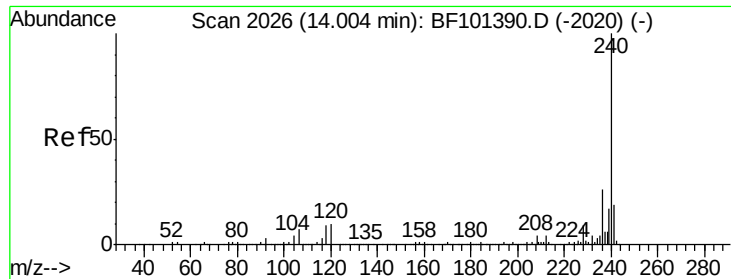
Tot Ion:188 Resp: 340735
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 11.0 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.39 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF101497.D
Acq: 18 Dec 2017 22:45

Tgt Ion:248 Resp: 12964
Ion Ratio Lower Upper
248 100
250 203.9 76.9 115.3#
141 534.5 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101497.D

Acq: 18 Dec 2017 22:45

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(75-77)

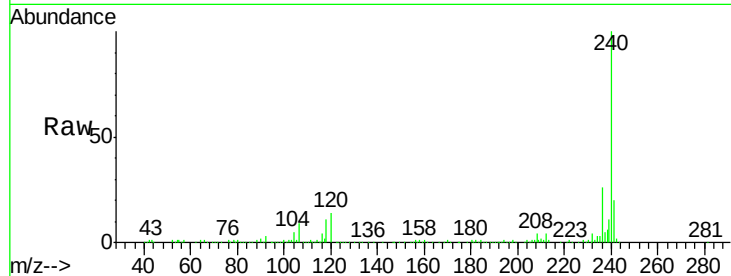
Tot Ion:240 Resp: 283458

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

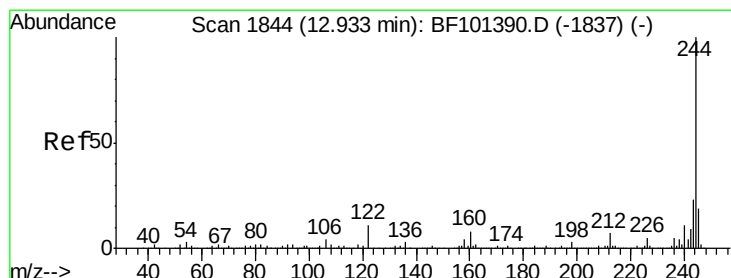
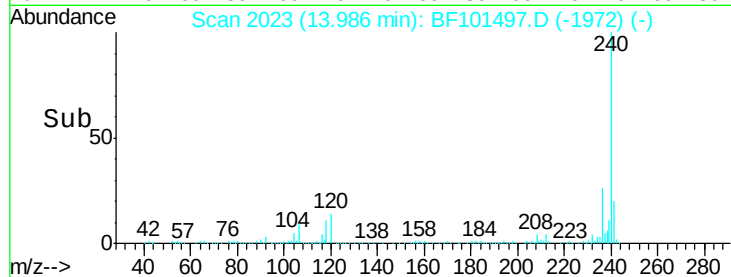
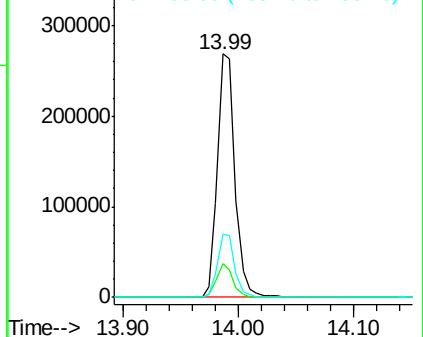
236 26.0 20.7 31.1



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



#78

Terphenyl-d14

Concen: 66.61 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101497.D

Acq: 18 Dec 2017 22:45

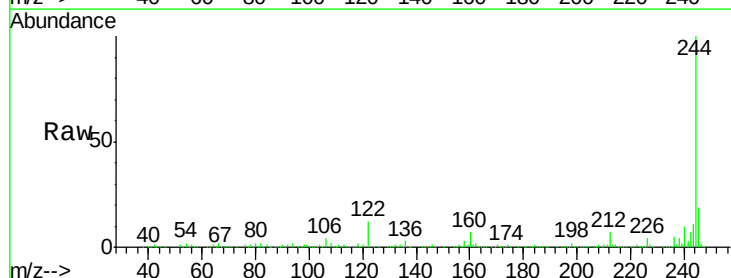
Tgt Ion:244 Resp: 783181

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

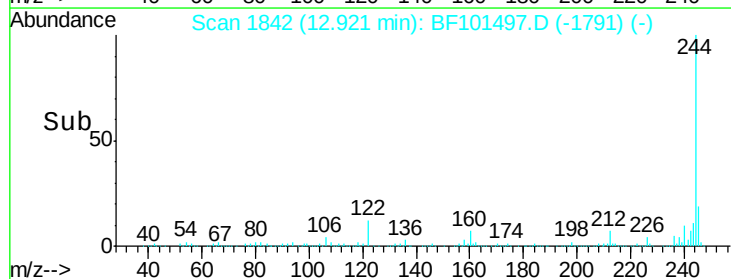
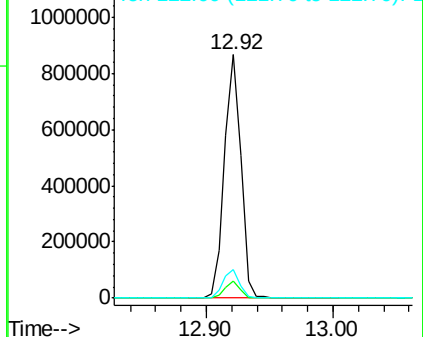
122 11.7 11.0 16.4

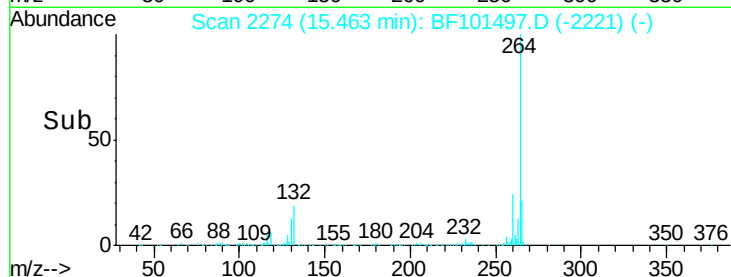
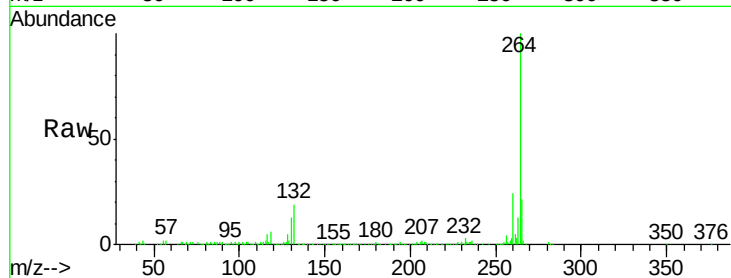
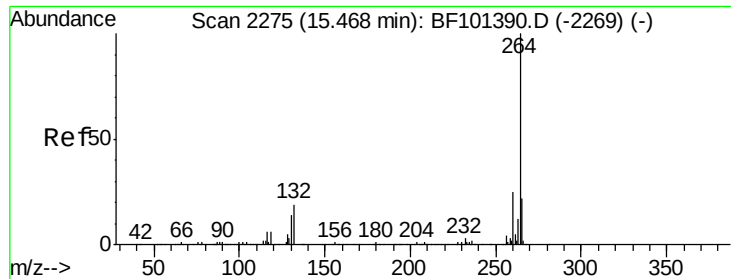


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF101497.D
Acq: 18 Dec 2017 22:45

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(75-77)

Tot Ion:	264	Resp:	268100
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.4	17.5	26.3

