

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
 Data File : BF101742.D
 Acq On : 27 Dec 2017 4:13
 Operator : SJ/JU
 Sample : I7043-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)

Quant Time: Dec 27 05:04:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

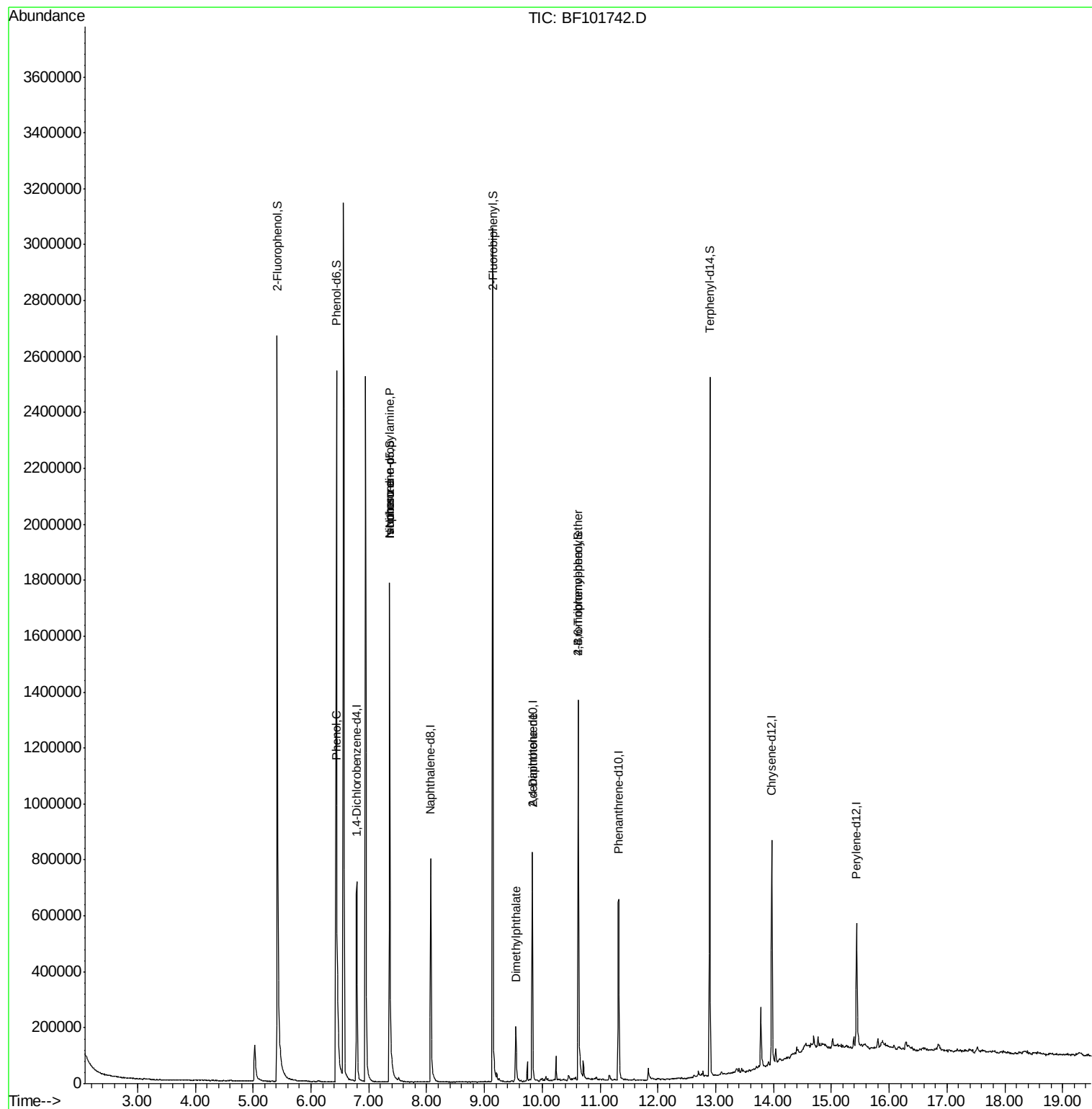
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	128250	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	462026	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	166765	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	288335	20.00	ng	0.00
75) Chrysene-d12	13.97	240	297485	20.00	ng	0.00
86) Perylene-d12	15.44	264	250571	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1000674	116.22	ng	0.01
7) Phenol-d6	6.44	99	1161018	108.35	ng	0.00
23) Nitrobenzene-d5	7.36	82	710262	85.57	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	192440	119.76	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1024281	95.28	ng	0.00
78) Terphenyl-d14	12.90	244	856428	69.40	ng	0.00
Target Compounds						
10) Phenol	6.45	94	39158	3.206	ng	# 71
19) n-Nitroso-di-n-propylamine	7.36	70	90982	12.929	ng	# 81
25) Isophorone	7.36	82	710262	42.657	ng	# 64
49) Dimethylphthalate	9.55	163	97076	7.237	ng	# 99
56) 2,4-Dinitrotoluene	9.83	165	21199	6.902	ng	# 22
66) 4-Bromophenyl-phenylether	10.62	248	12141	3.747	ng	# 1

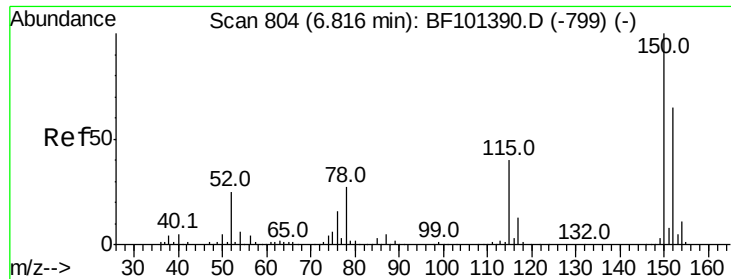
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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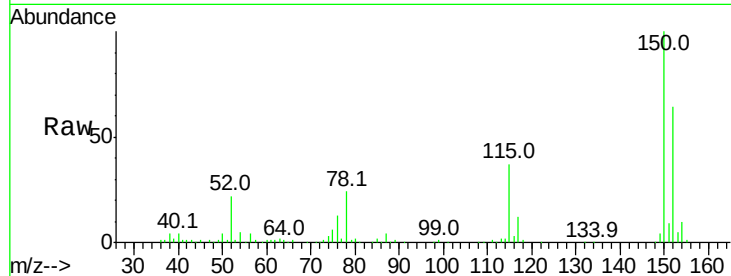


#1

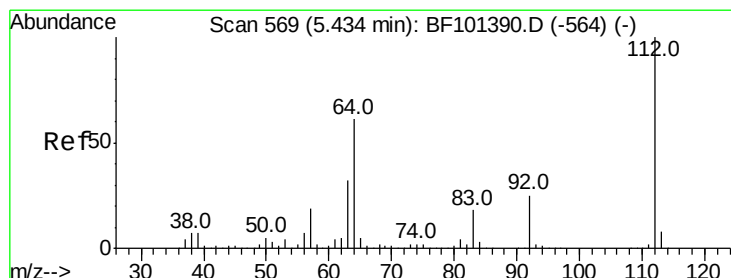
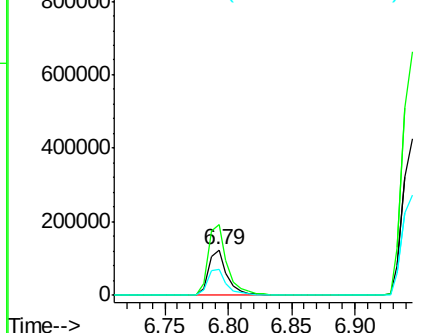
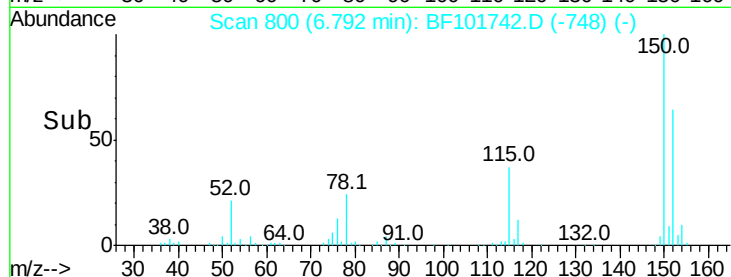
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)

Tot Ion:152 Resp: 128250
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 57.2 50.1 75.1



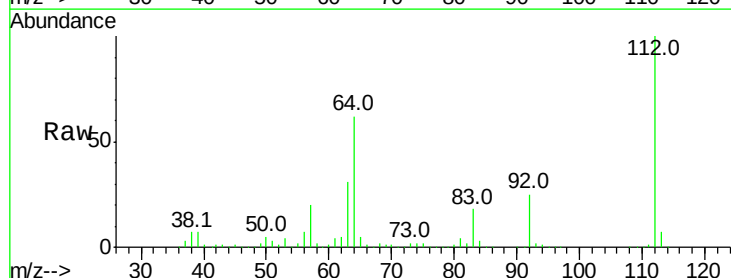
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



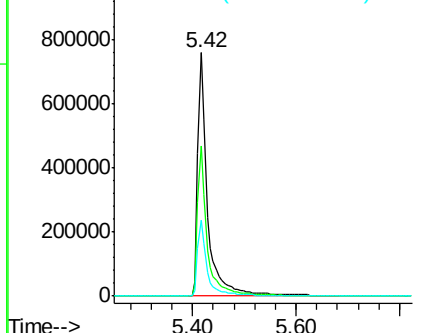
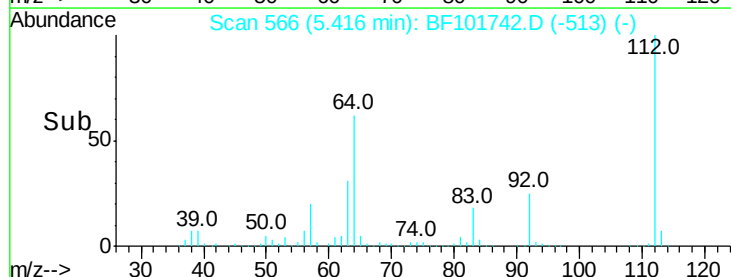
#5

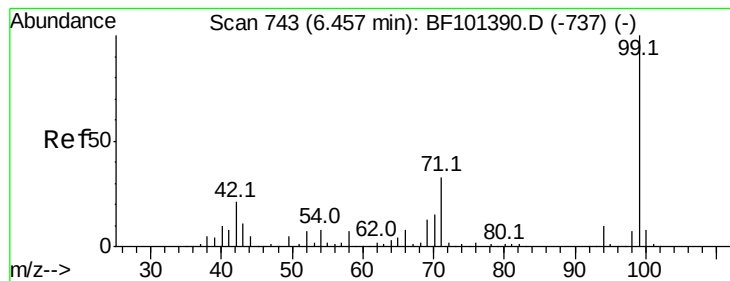
2-Fluorophenol
Concen: 116.225 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

Tgt Ion:112 Resp: 1000674
Ion Ratio Lower Upper
112 100
64 61.6 47.9 71.9
63 31.3 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: 108.352 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101742.D

Acq: 27 Dec 2017 4:13

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)

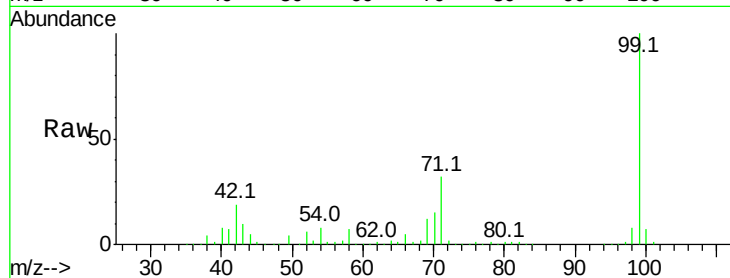
Tot Ion: 99 Resp: 1161018

Ion Ratio Lower Upper

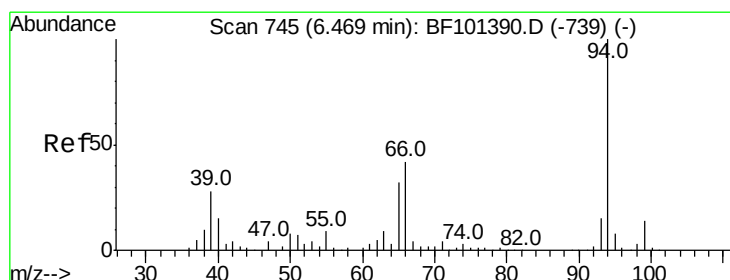
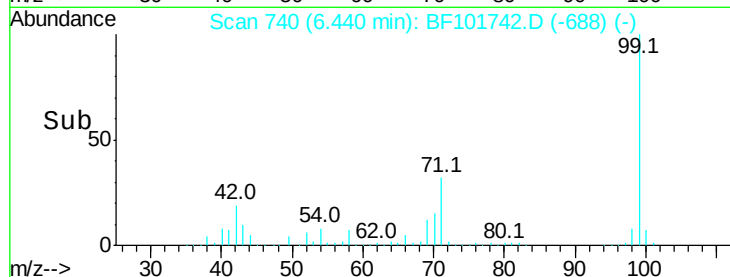
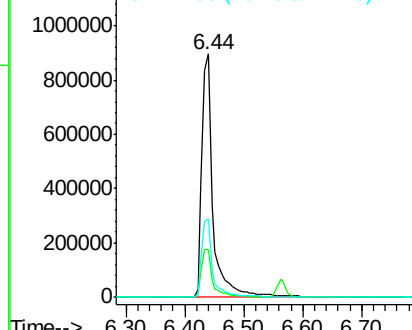
99 100

42 19.4 14.5 21.7

71 32.3 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: 3.206 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101742.D

Acq: 27 Dec 2017 4:13

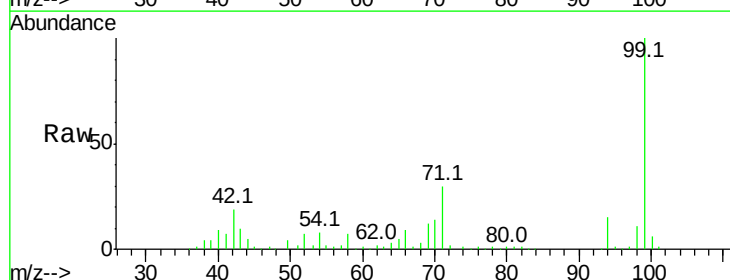
Tgt Ion: 94 Resp: 39158

Ion Ratio Lower Upper

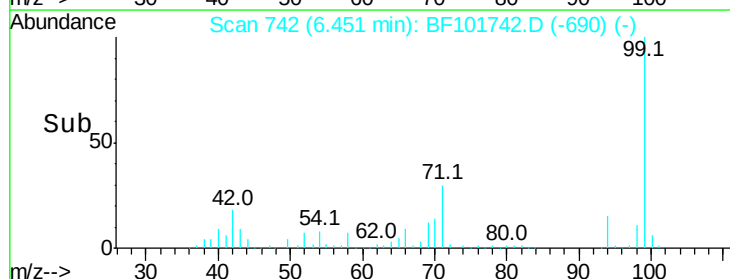
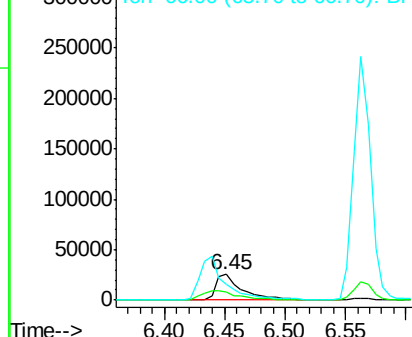
94 100

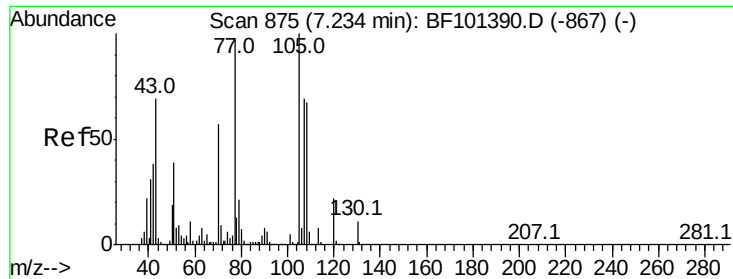
65 33.3 7.9 47.9

66 61.7 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: 12.929 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

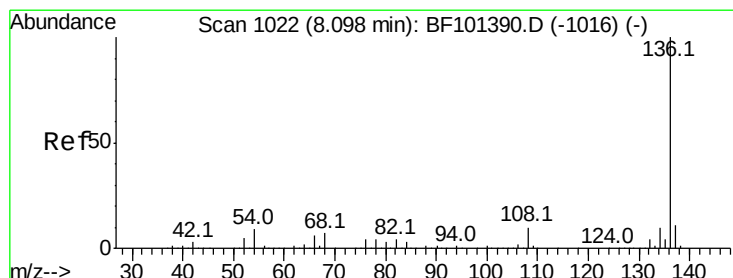
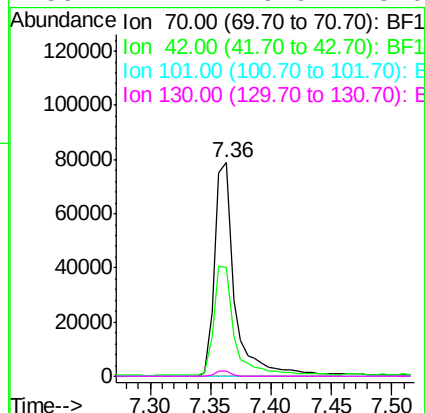
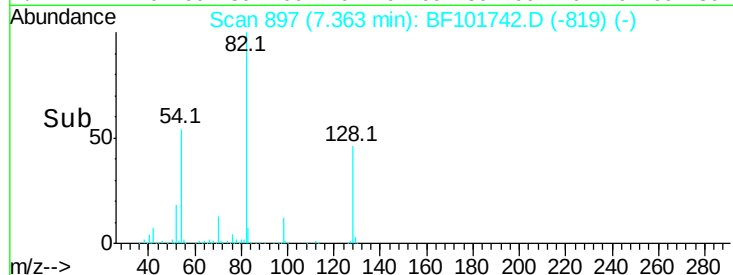
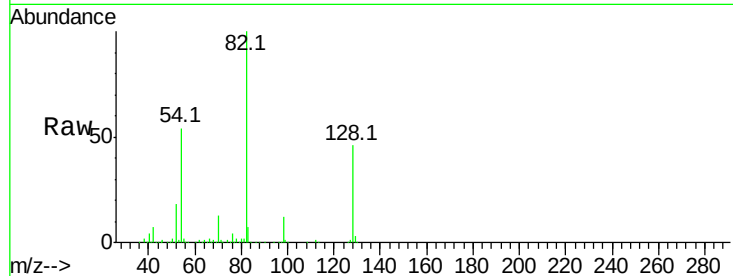
Lab File: BF101742.D

Acq: 27 Dec 2017 4:13

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)

Tot Ion: 70 Resp: 90982

Ion	Ratio	Lower	Upper
70	100		
42	51.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

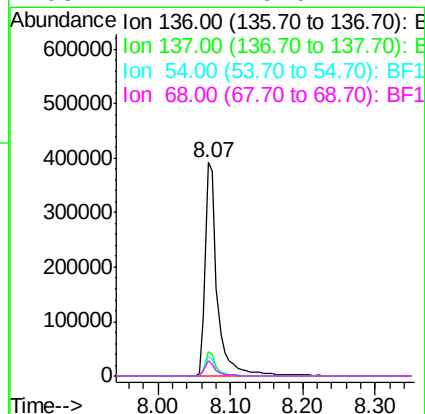
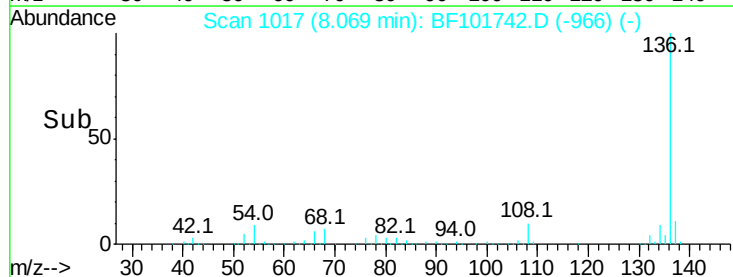
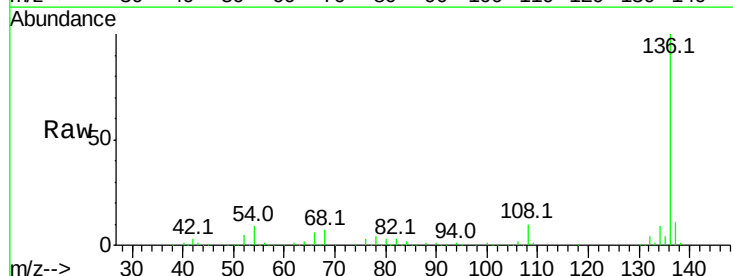
Delta R.T. -0.00 min

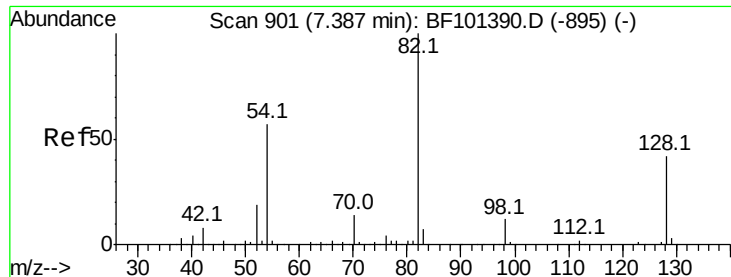
Lab File: BF101742.D

Acq: 27 Dec 2017 4:13

Tgt Ion: 136 Resp: 462026

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.2	6.6	9.8
68	7.2	5.0	7.4

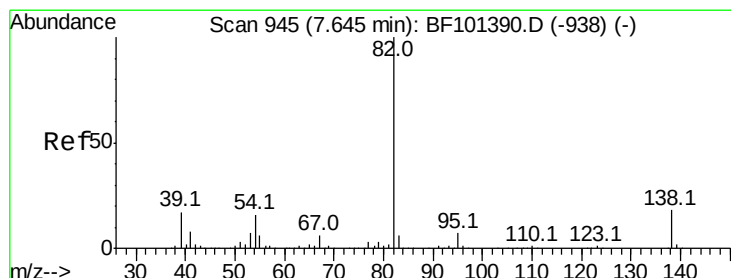
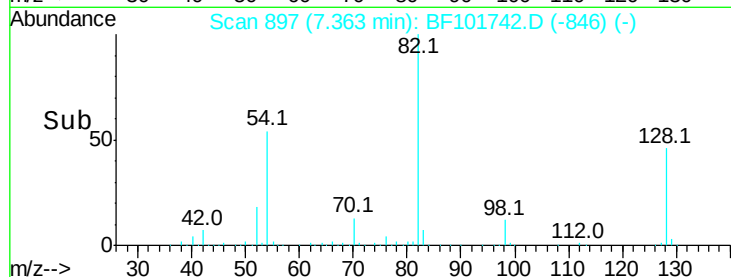
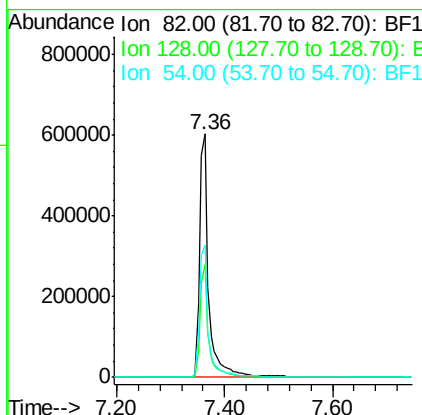
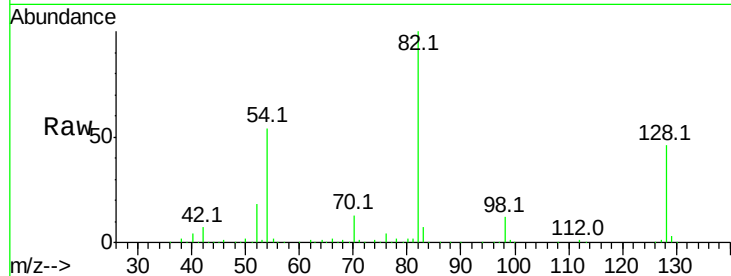




#23
 Nitrobenzene-d5
 Concen: 85.574 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF101742.D
 Acq: 27 Dec 2017 4:13

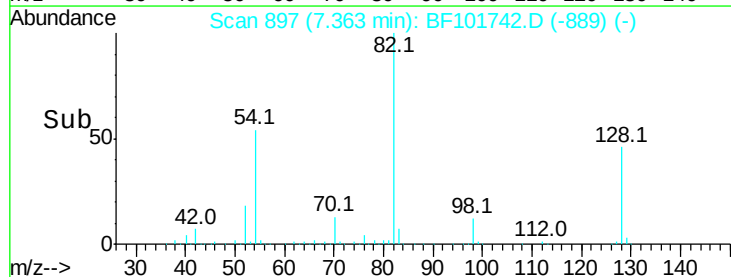
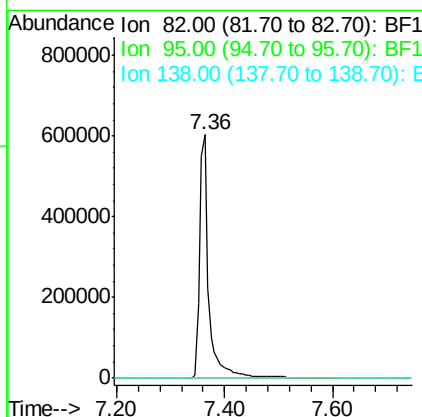
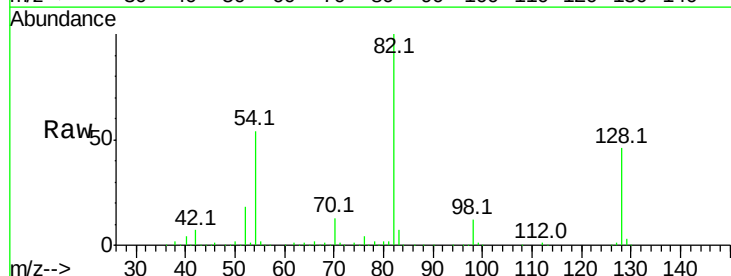
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)

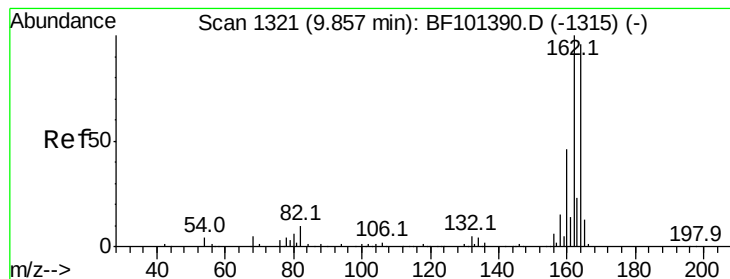
Tot Ion	82	Resp	710262
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	54.3	41.4	62.2



#25
 Isophorone
 Concen: 42.657 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.25 min
 Lab File: BF101742.D
 Acq: 27 Dec 2017 4:13

Tgt Ion	82	Resp	710262
Ion Ratio	100		
Lower	5.2		
Upper	7.8#		
95	0.0	14.9	22.3#
138	0.0		





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF101742.D

Acq: 27 Dec 2017 4:13

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)

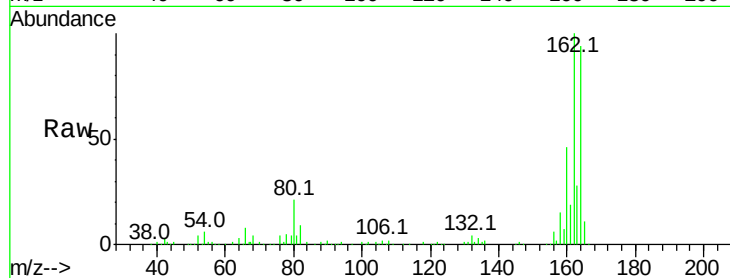
Tot Ion:164 Resp: 166765

Ion Ratio Lower Upper

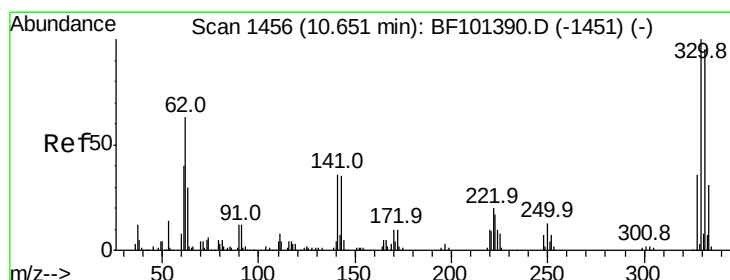
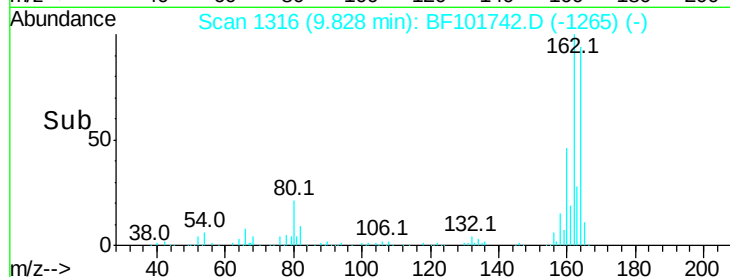
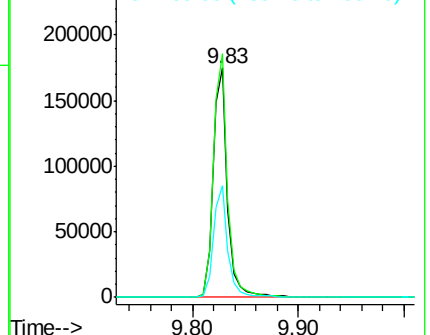
164 100

162 106.2 86.1 129.1

160 48.6 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: 119.758 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF101742.D

Acq: 27 Dec 2017 4:13

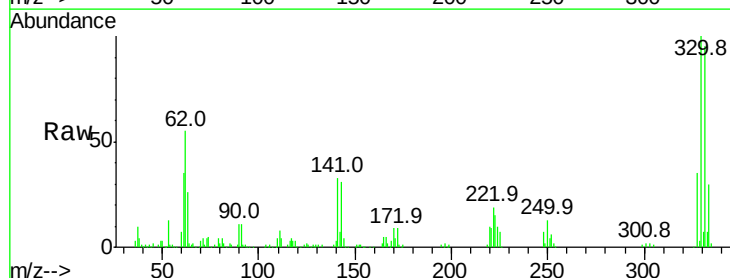
Tgt Ion:330 Resp: 192440

Ion Ratio Lower Upper

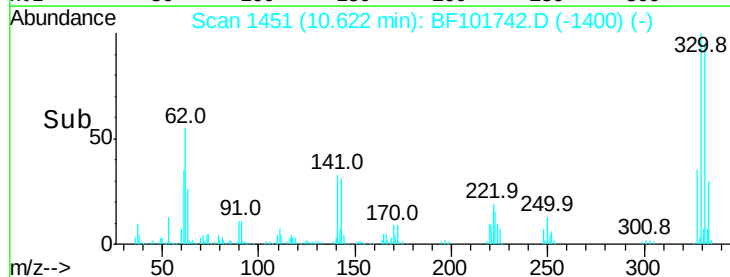
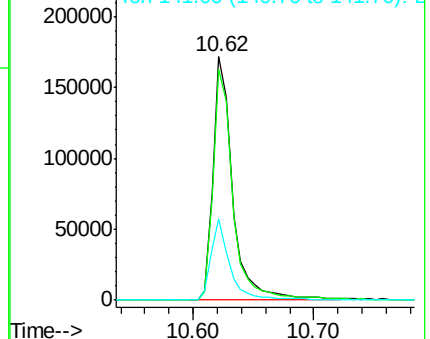
330 100

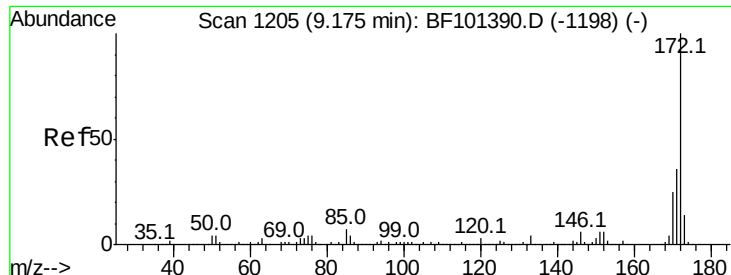
332 96.2 77.0 115.6

141 32.1 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

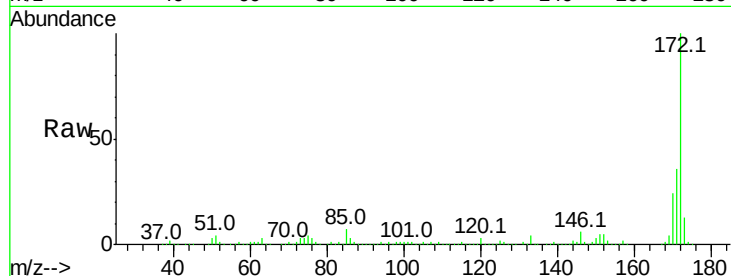




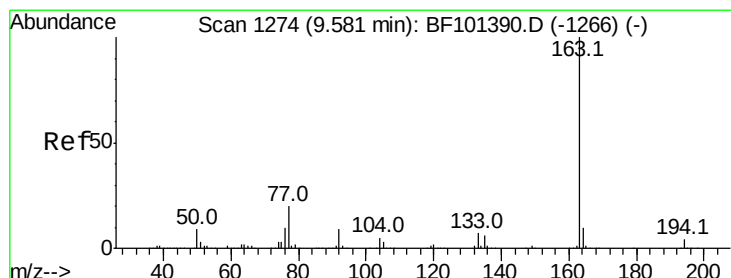
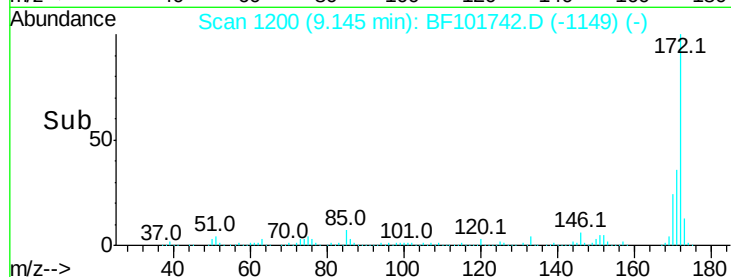
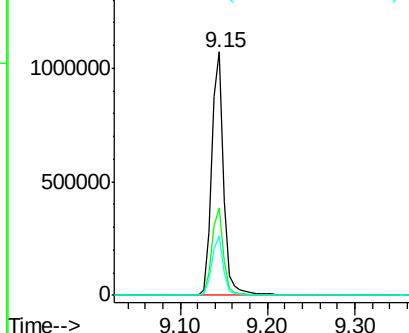
#44
2-Fluorobiphenyl
Concen: 95.278 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)

Tot Ion:172 Resp: 1024281
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.4 19.6 29.4

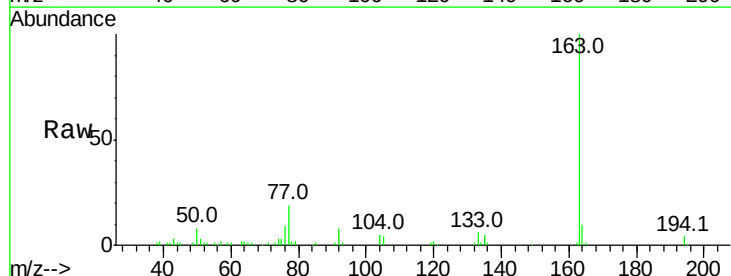


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

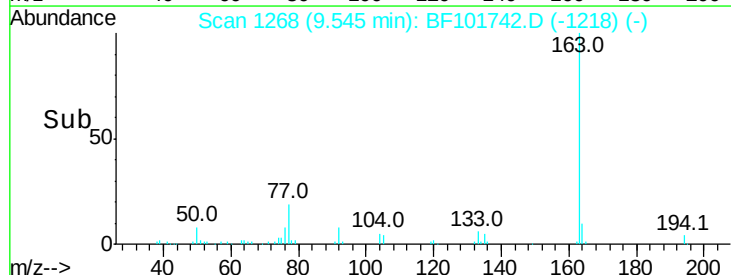
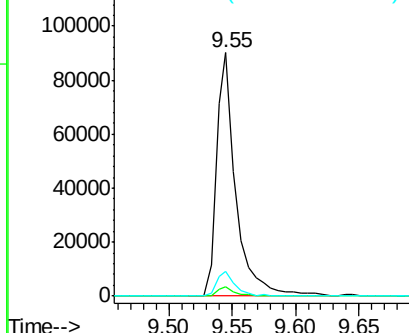


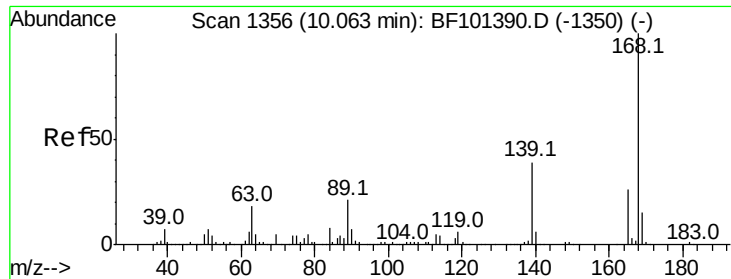
#49
Dimethylphthalate
Concen: 7.237 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

Tgt Ion:163 Resp: 97076
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.9 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

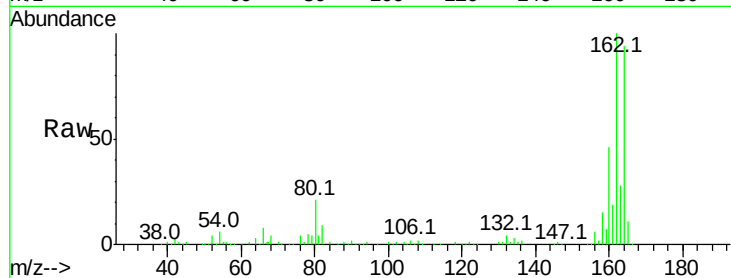




#56
2,4-Dinitrotoluene
Concen: 6.902 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)

Tot Ion:	165	Resp:	21199
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

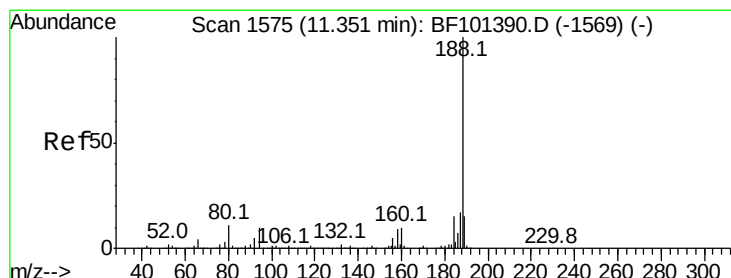
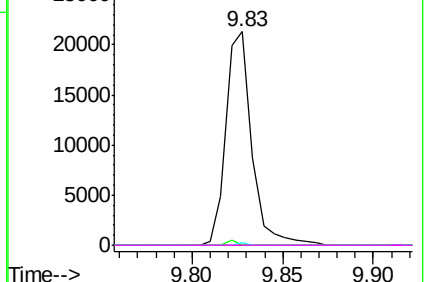
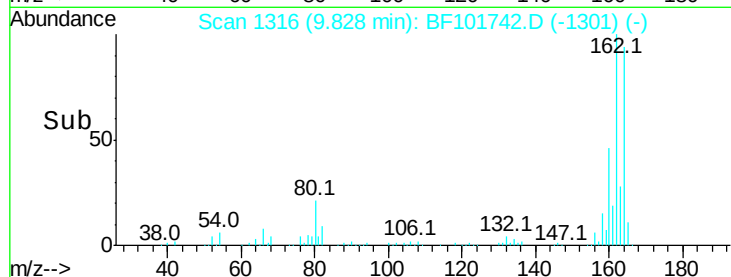


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

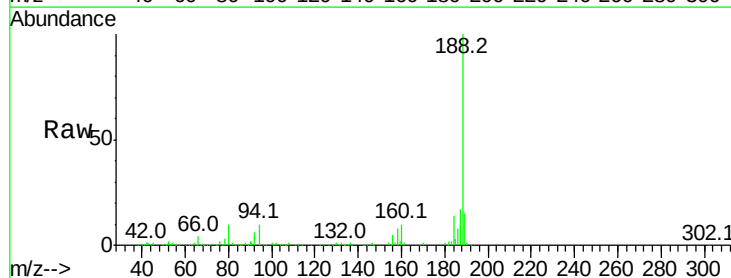
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

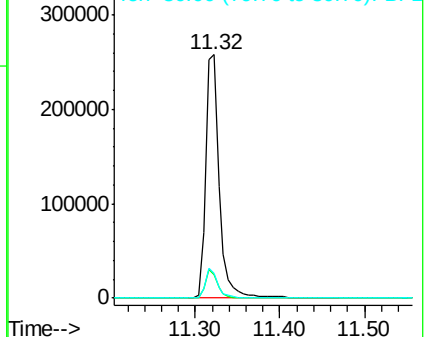
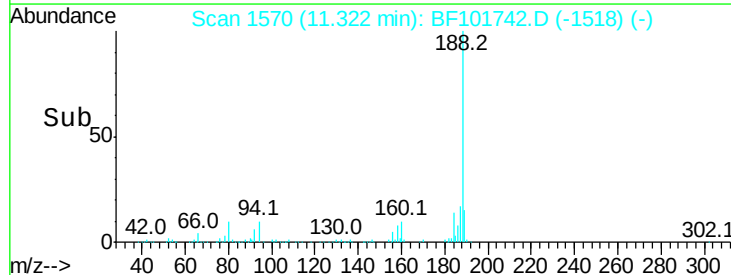
Tgt Ion:	188	Resp:	288335
Ion Ratio	Lower	Upper	
188	100		
94	9.6	8.5	12.7
80	10.4	9.2	13.8

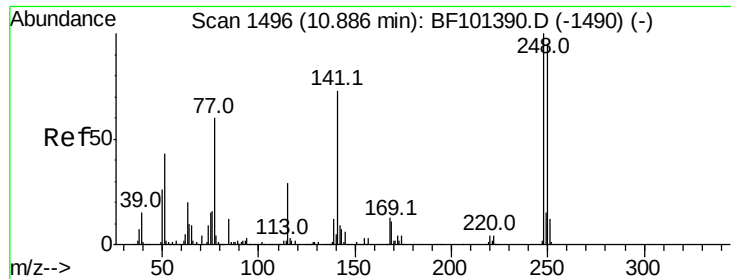


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

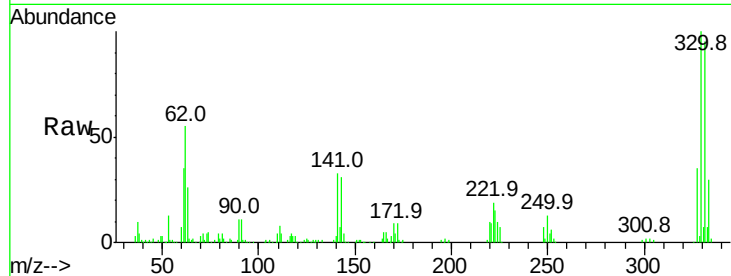




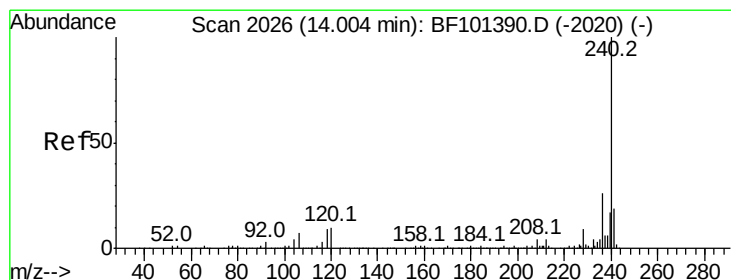
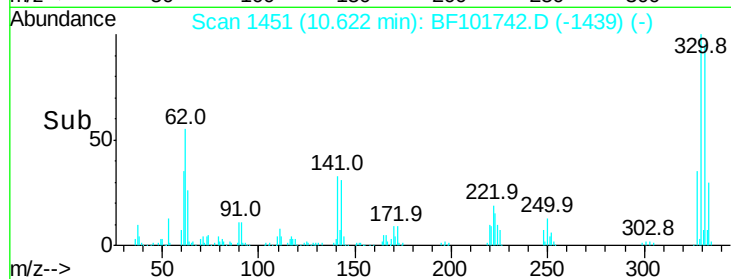
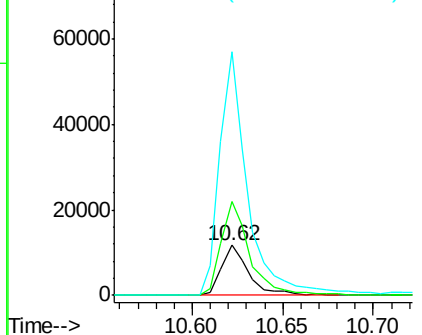
#66
 4-Bromophenyl-phenylether
 Concen: 3.747 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.23 min
 Lab File: BF101742.D
 Acq: 27 Dec 2017 4:13

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)

Tot Ion	Ratio	Lower	Upper
248	100		
250	187.7	76.9	115.3#
141	484.7	74.4	111.6#

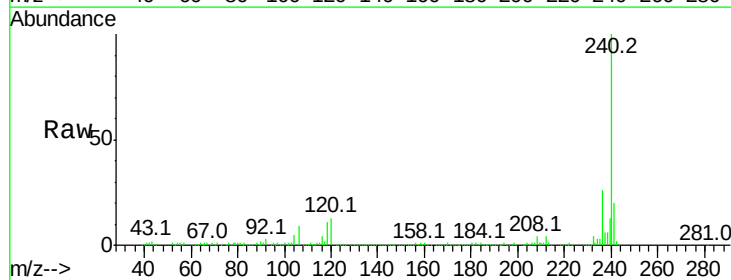


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

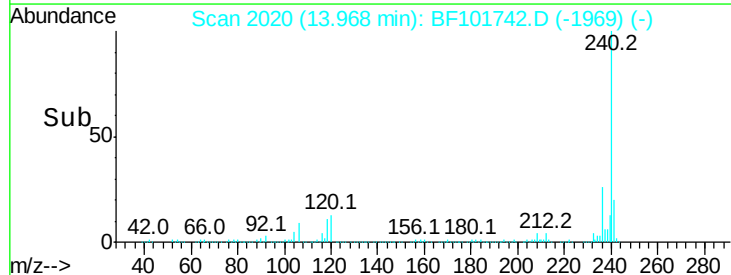
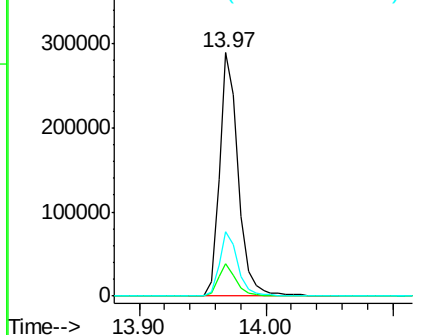


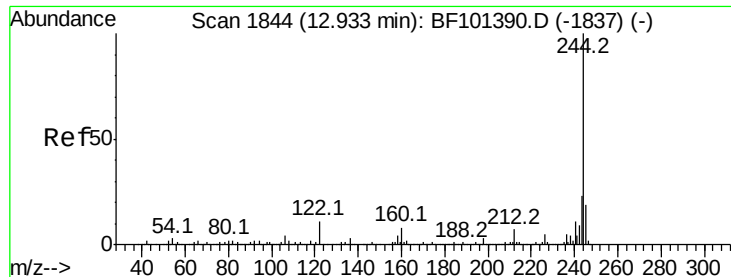
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BF101742.D
 Acq: 27 Dec 2017 4:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	26.4	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: 69.404 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101742.D

Acq: 27 Dec 2017 4:13

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)

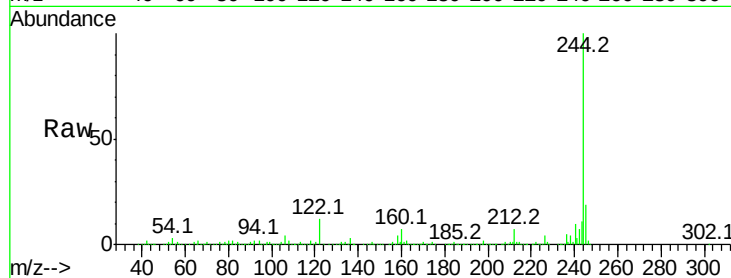
Tot Ion:244 Resp: 856428

Ion Ratio Lower Upper

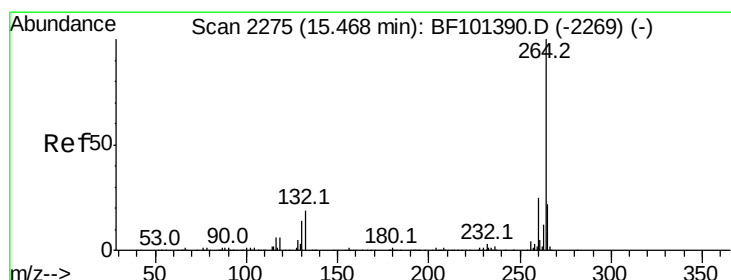
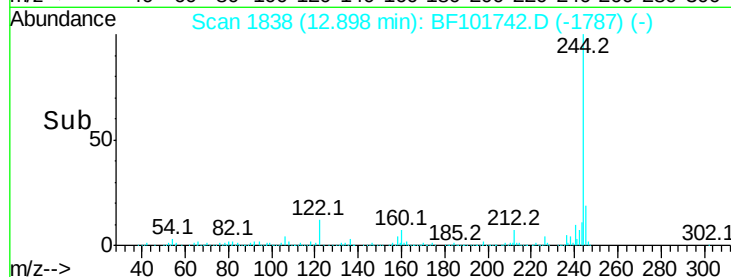
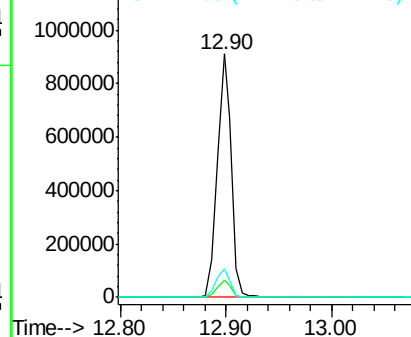
244 100

212 7.0 5.4 8.0

122 11.8 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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101742.D

Acq: 27 Dec 2017 4:13

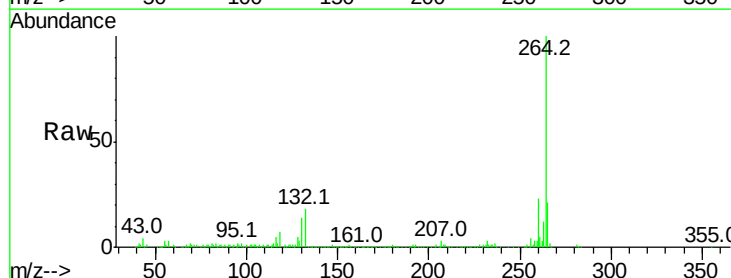
Tgt Ion:264 Resp: 250571

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.6 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

