

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104248.D
 Acq On : 5 Apr 2018 1:24
 Operator : JU/SJ
 Sample : J2170-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(30-32)

Quant Time: Apr 05 02:13:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

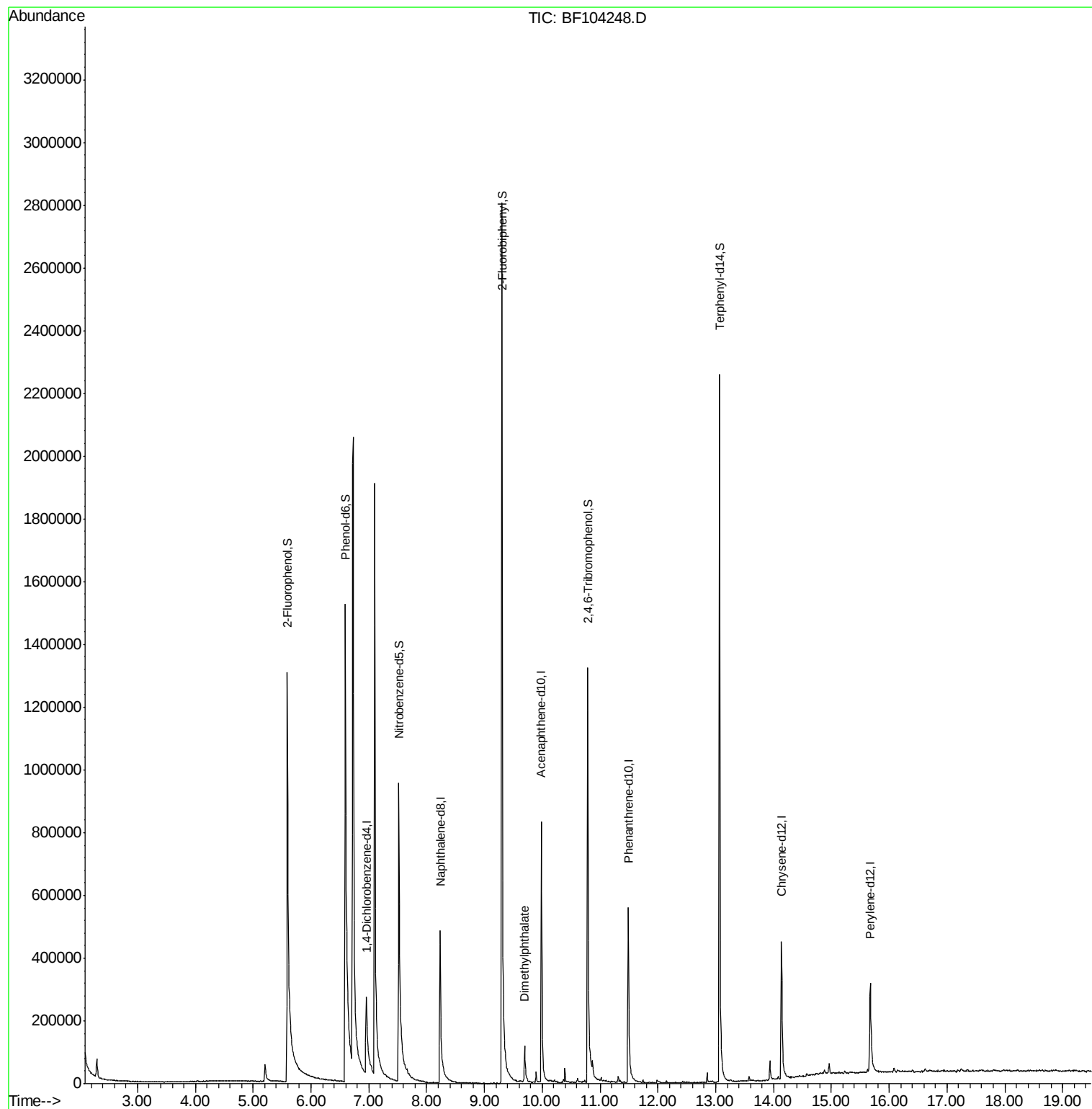
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	112565	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	501397	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	224408	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	365826	20.00	ng	0.00
75) Chrysene-d12	14.14	240	236617	20.00	ng	0.00
86) Perylene-d12	15.67	264	209156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	934952	132.46	ng	0.00
7) Phenol-d6	6.59	99	1275573	146.89	ng	-0.01
23) Nitrobenzene-d5	7.52	82	732392	89.33	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	280043	112.07	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1350453	94.90	ng	0.00
78) Terphenyl-d14	13.07	244	1016903	99.23	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	83142	4.693	ng	Qvalue # 98

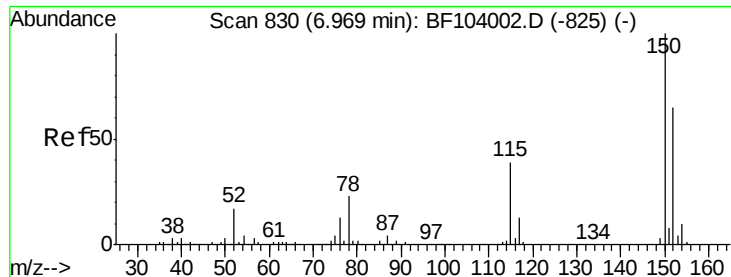
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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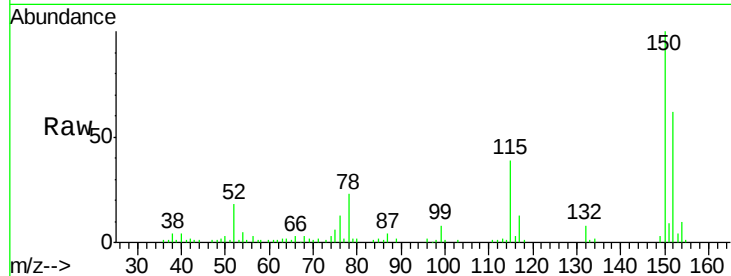


#1

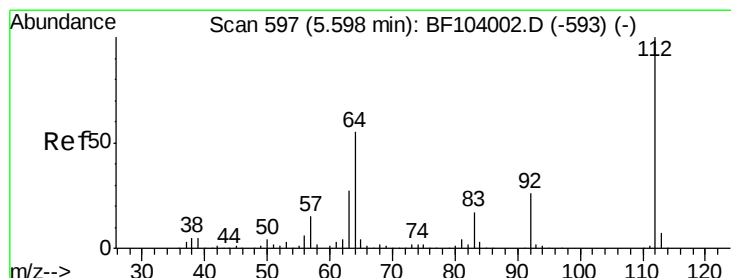
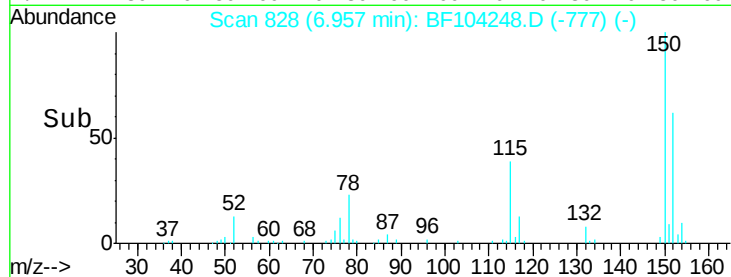
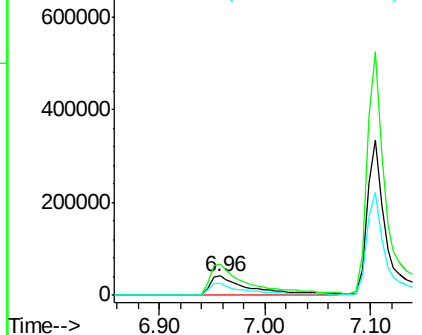
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF104248.D
 Acq: 5 Apr 2018 1:24

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(30-32)

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.6	186.8
115	63.7	50.1	75.1



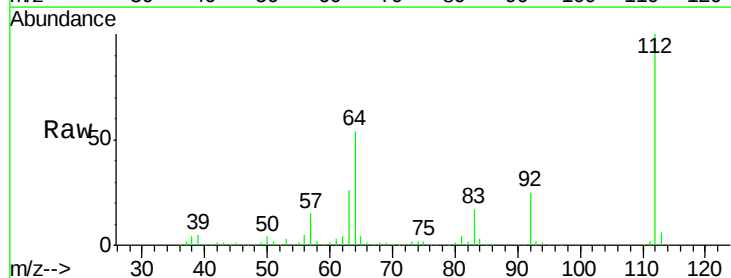
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



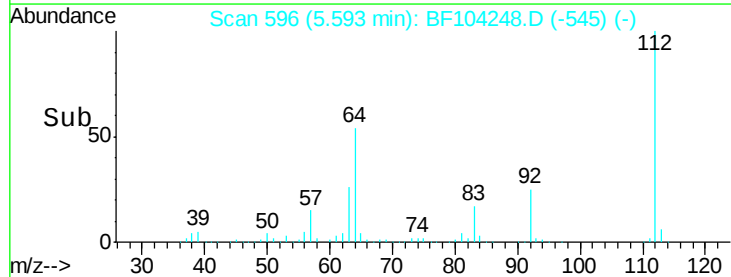
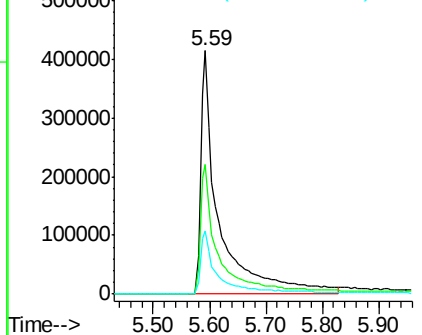
#5

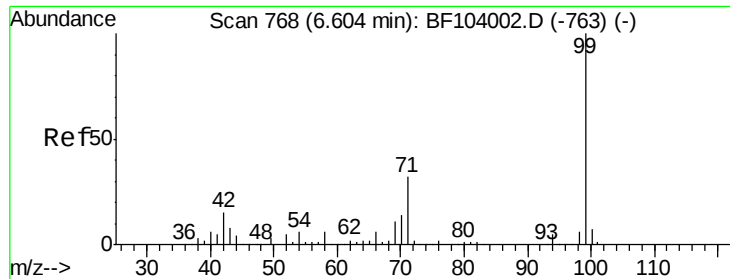
2-Fluorophenol
 Concen: 132.458 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF104248.D
 Acq: 5 Apr 2018 1:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	47.9	71.9
63	26.1	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: 146.887 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104248.D

Acq: 5 Apr 2018 1:24

Instrument :

BNA_F

ClientSampleId :

EPE-124-2(30-32)

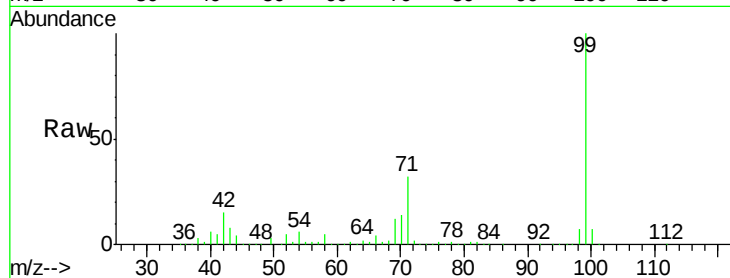
Tot Ion: 99 Resp: 1275573

Ion Ratio Lower Upper

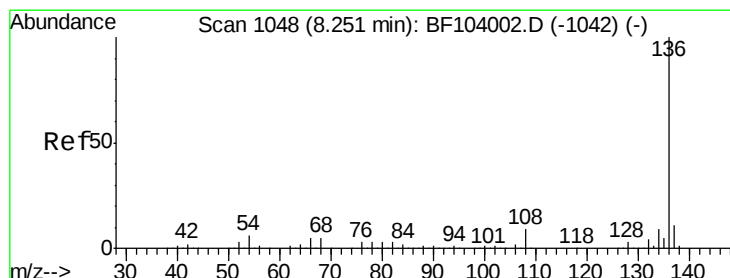
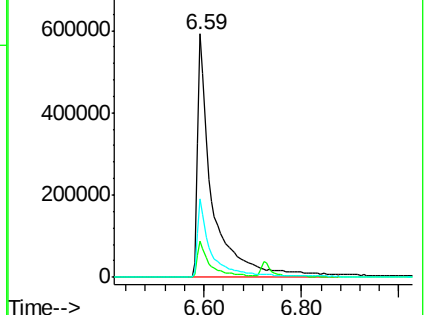
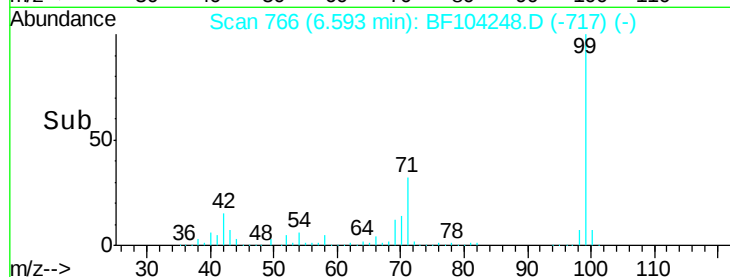
99 100

42 14.8 14.5 21.7

71 32.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF104248.D

Acq: 5 Apr 2018 1:24

Tgt Ion: 136 Resp: 501397

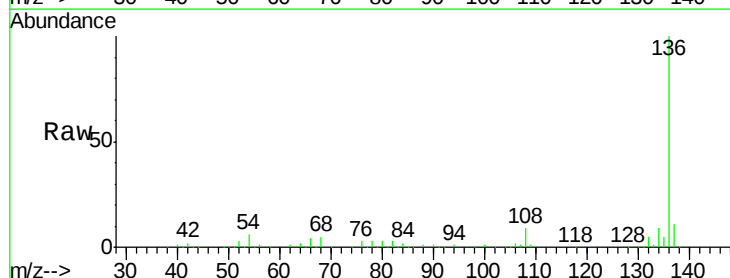
Ion Ratio Lower Upper

136 100

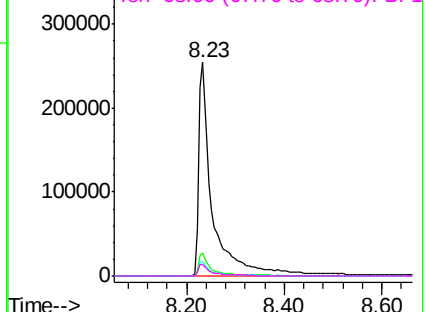
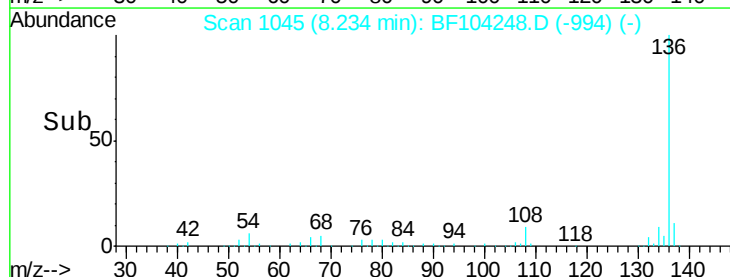
137 10.7 8.9 13.3

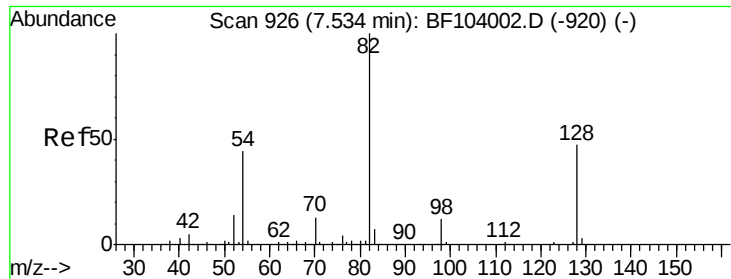
54 6.5 6.6 9.8#

68 5.3 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

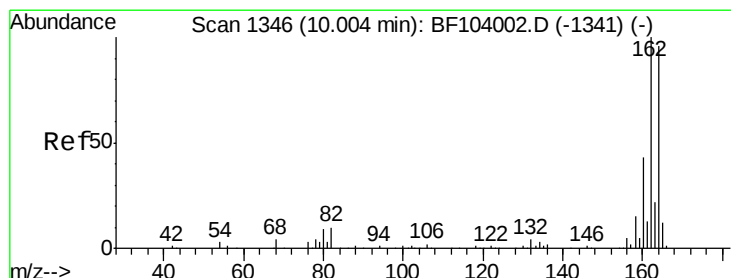
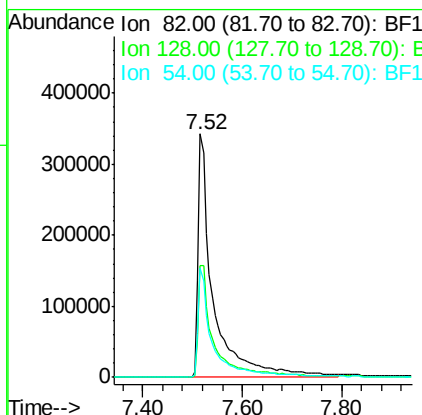
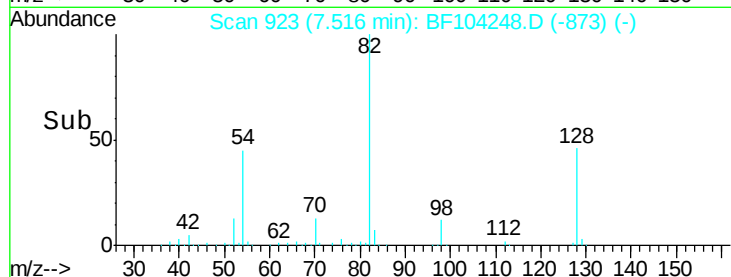
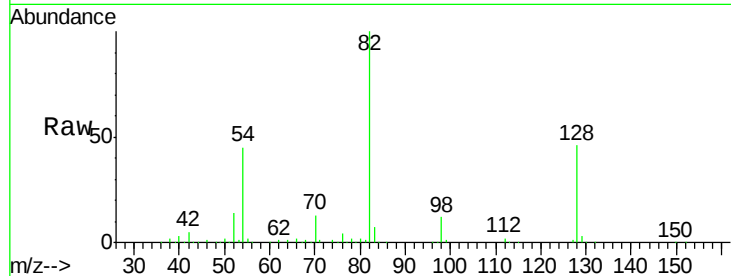




#23
Nitrobenzene-d5
Concen: 89.330 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104248.D
Acq: 5 Apr 2018 1:24

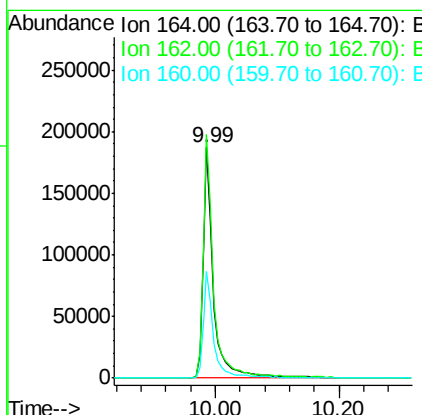
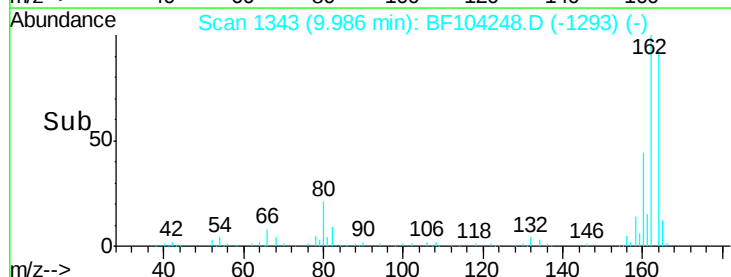
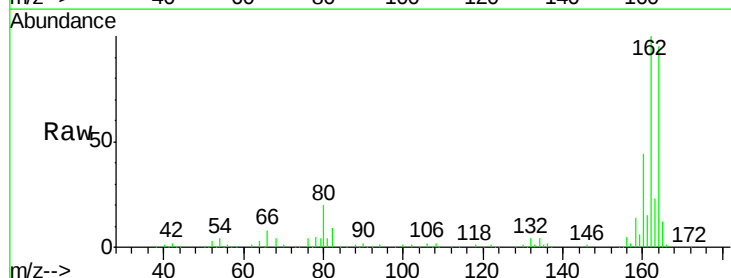
Instrument :
BNA_F
ClientSampleId :
EPE-124-2(30-32)

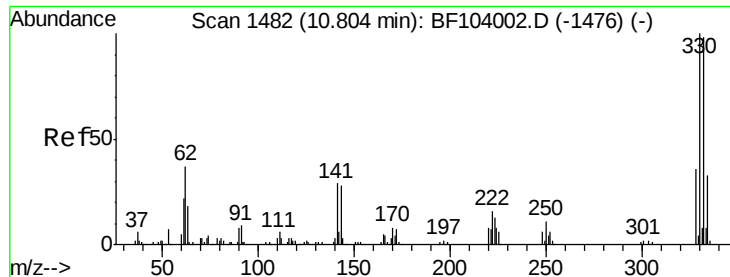
Tot Ion: 82 Resp: 732392
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 45.1 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF104248.D
Acq: 5 Apr 2018 1:24

Tgt Ion: 164 Resp: 224408
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 46.1 38.3 57.5

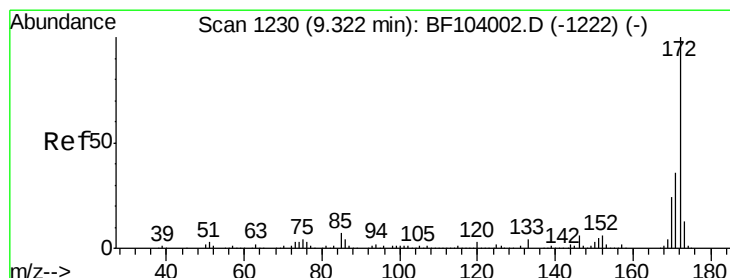
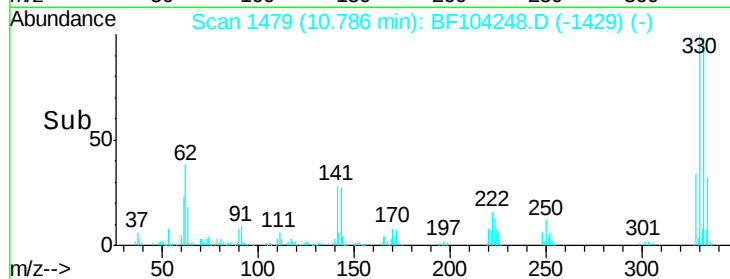
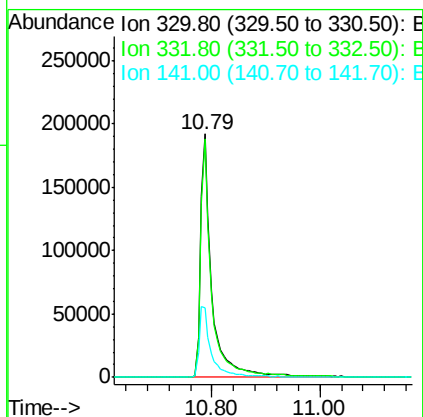
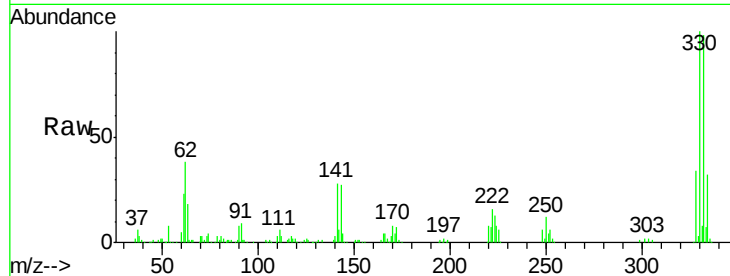




#41
 2,4,6-Tribromophenol
 Concen: 112.072 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104248.D
 Acq: 5 Apr 2018 1:24

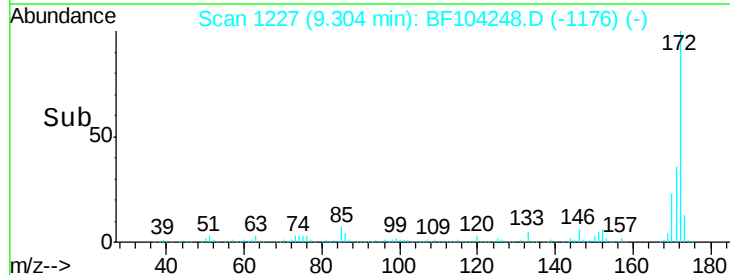
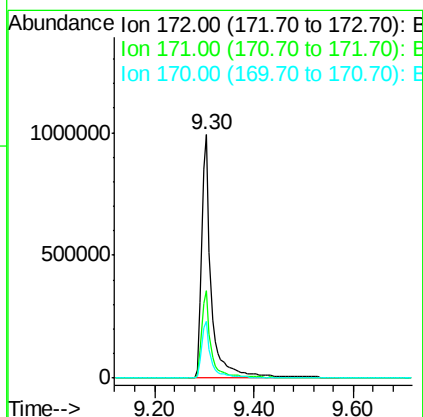
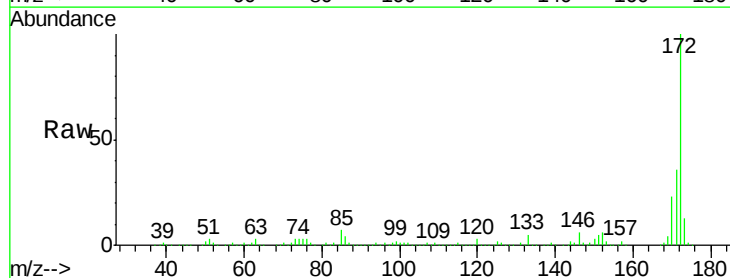
Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(30-32)

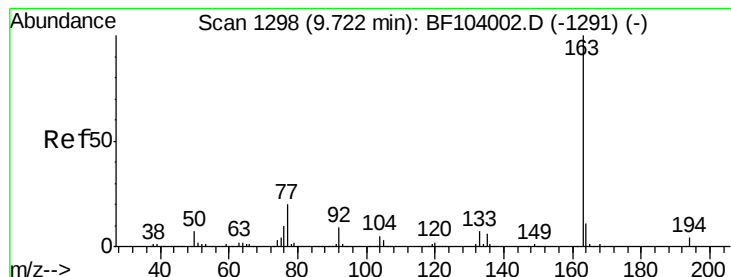
Tot Ion:330 Resp: 280043
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 30.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 94.896 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF104248.D
 Acq: 5 Apr 2018 1:24

Tgt Ion:172 Resp: 1350453
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.2 19.6 29.4





#49

Dimethylphthalate

Concen: 4.693 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF104248.D

Acq: 5 Apr 2018 1:24

Instrument :

BNA_F

ClientSampleId :

EPE-124-2(30-32)

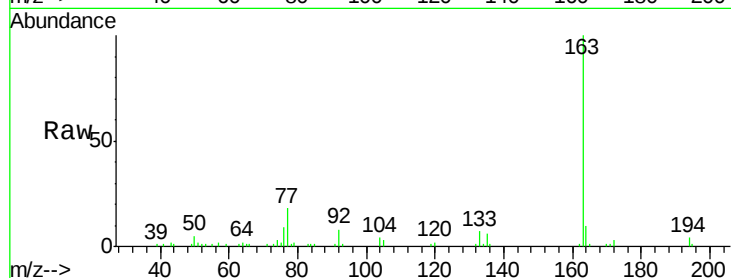
Tot Ion:163 Resp: 83142

Ion Ratio Lower Upper

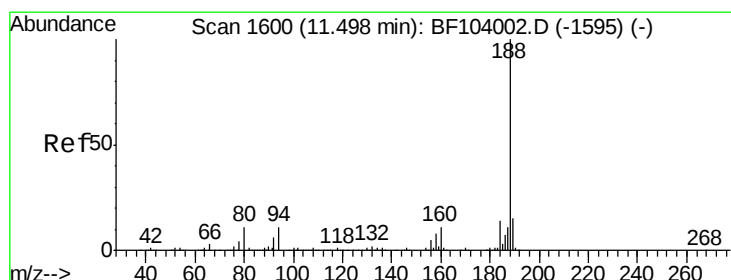
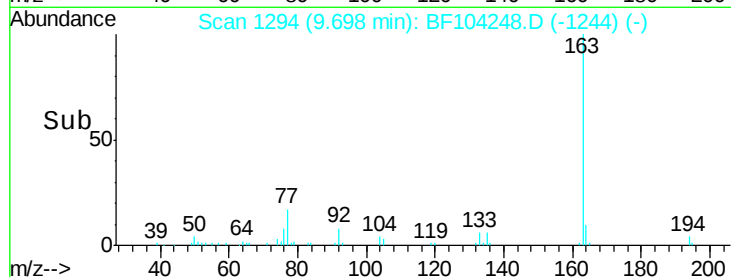
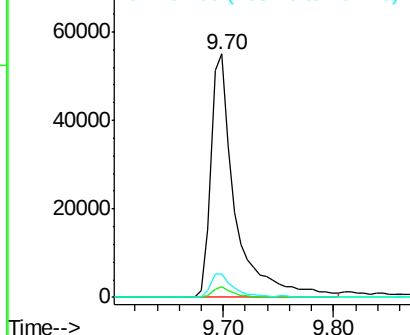
163 100

194 4.2 2.7 4.1#

164 9.7 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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF104248.D

Acq: 5 Apr 2018 1:24

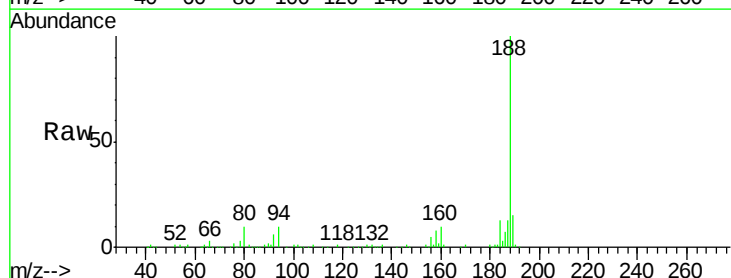
Tgt Ion:188 Resp: 365826

Ion Ratio Lower Upper

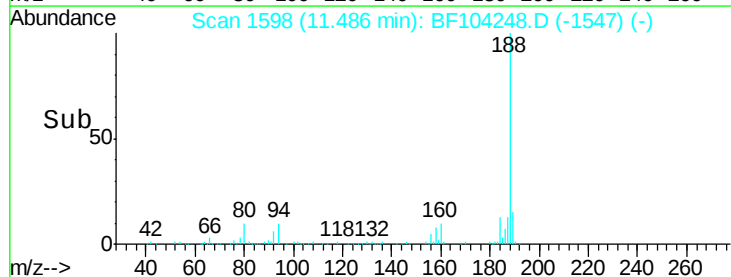
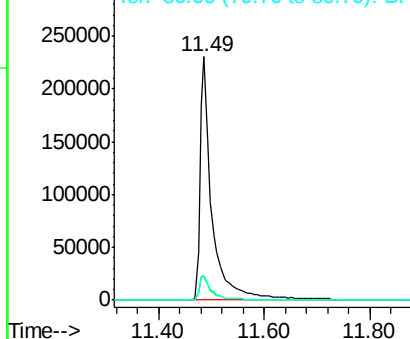
188 100

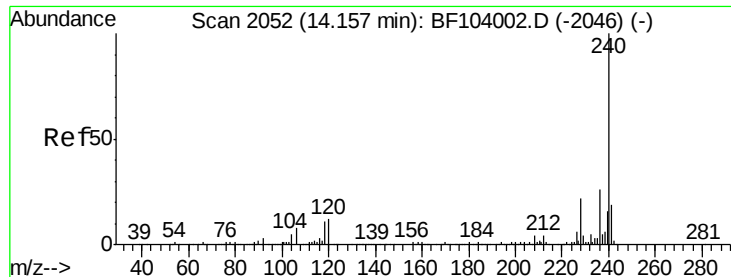
94 9.9 8.5 12.7

80 10.0 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104248.D

Acq: 5 Apr 2018 1:24

Instrument :

BNA_F

ClientSampleId :

EPE-124-2(30-32)

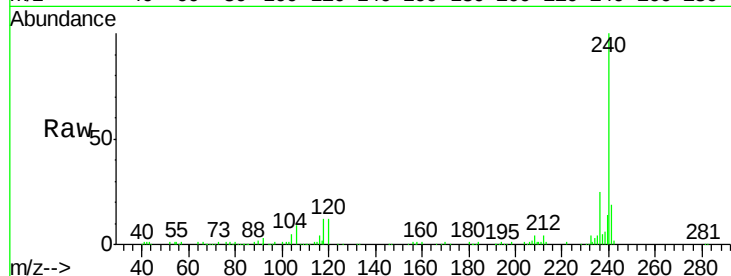
Tot Ion:240 Resp: 236617

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

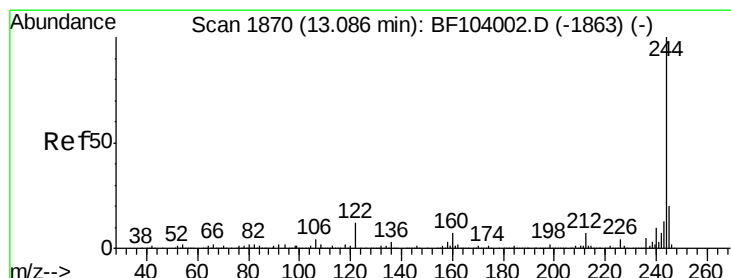
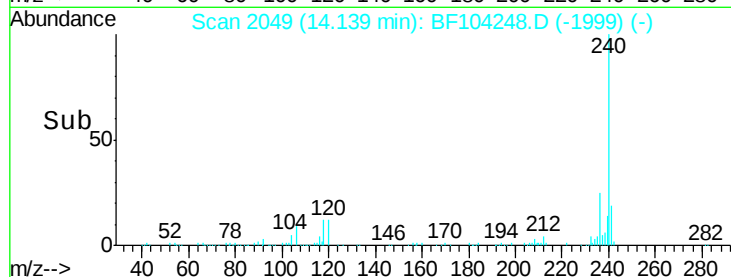
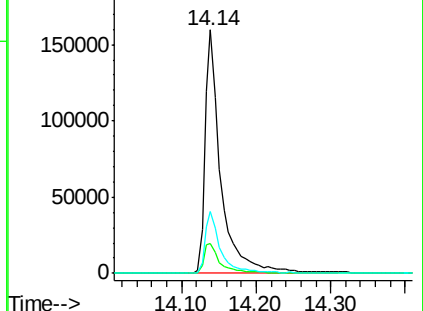
236 25.2 20.7 31.1



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: 99.231 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BF104248.D

Acq: 5 Apr 2018 1:24

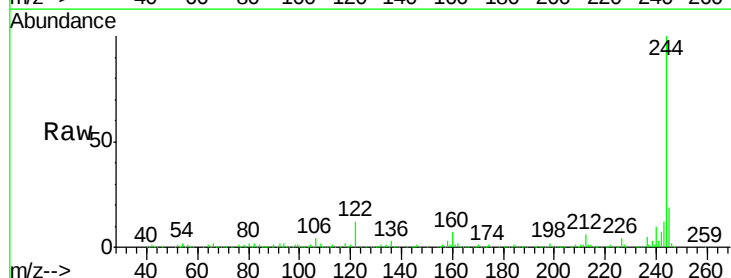
Tgt Ion:244 Resp: 1016903

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

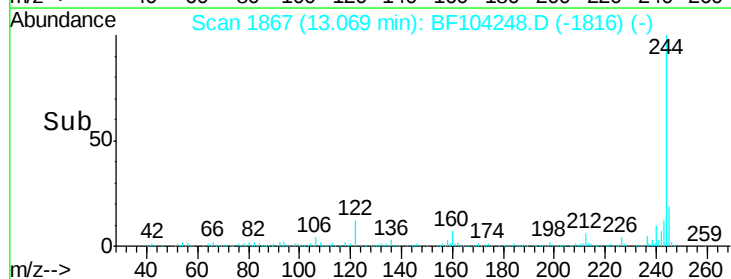
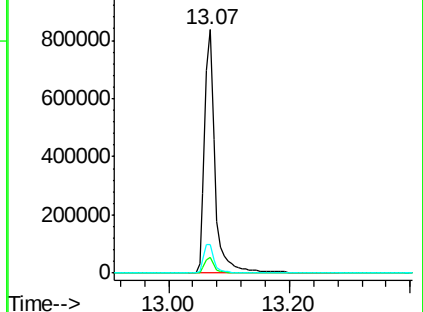
122 11.8 11.0 16.4

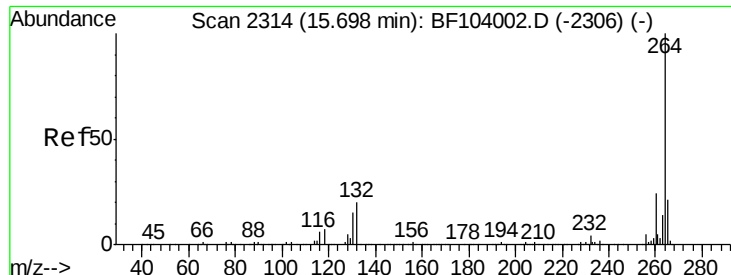


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

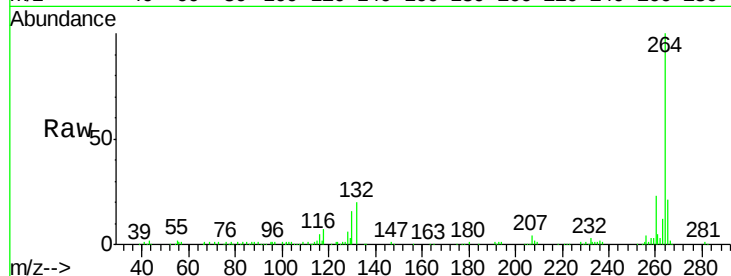




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104248.D
 Acq: 5 Apr 2018 1:24

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(30-32)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.9	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

