

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078545.D
 Acq On : 15 Apr 2015 19:56
 Operator : TP/IZ
 Sample : G1787-04RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02ARE

Quant Time: Apr 16 01:56:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 16 01:25:24 2015
 Response via : Initial Calibration

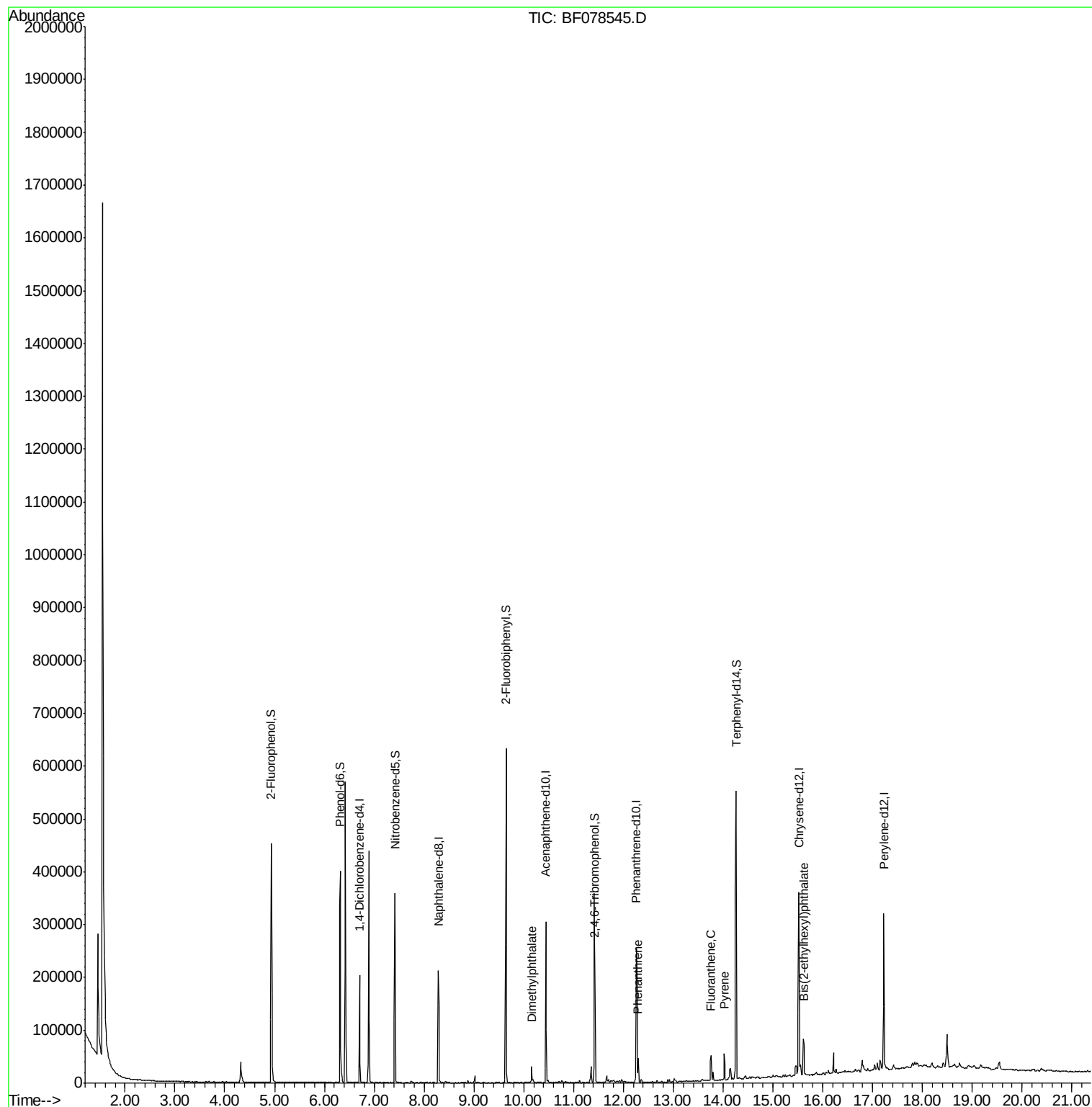
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	32882	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	131052	20.00	ng	-0.01
38) Acenaphthene-d10	10.44	164	65311	20.00	ng	0.00
63) Phenanthrene-d10	12.26	188	127127	20.00	ng	-0.01
75) Chrysene-d12	15.52	240	131345	20.00	ng	-0.01
86) Perylene-d12	17.22	264	132904	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	165406	82.94	ng	0.00
7) Phenol-d6	6.32	99	213518	85.43	ng	0.01
23) Nitrobenzene-d5	7.42	82	122086	56.47	ng	0.00
41) 2,4,6-Tribromophenol	11.43	330	48148	88.89	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	227193	49.72	ng	0.00
78) Terphenyl-d14	14.26	244	237756	40.90	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.16	163	13321	2.71	ng	99
70) Phenanthrene	12.30	178	19998	2.72	ng	98
74) Fluoranthene	13.76	202	28442	3.67	ng	91
77) Pyrene	14.02	202	23303	2.83	ng	# 90
83) Bis(2-ethylhexyl)phthalate	15.62	149	28446	5.77	ng	98

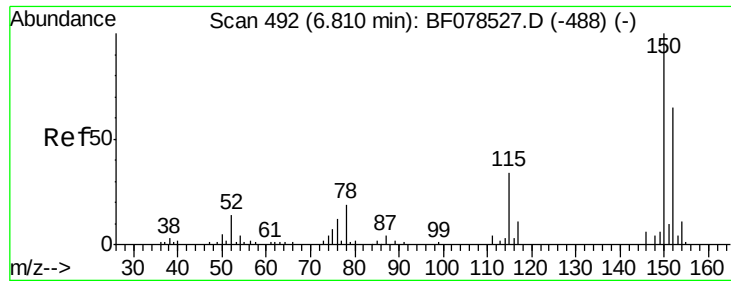
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF078545.D

Acq: 15 Apr 2015 19:56

Instrument :

BNA_F

ClientSampleId :

LS-SD02ARE

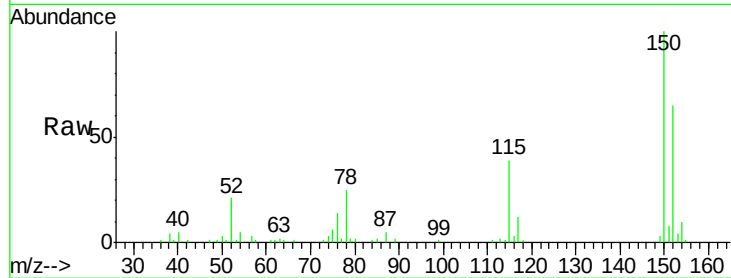
Tgt Ion:152 Resp: 32882

Ion Ratio Lower Upper

152 100

150 153.6 125.9 188.9

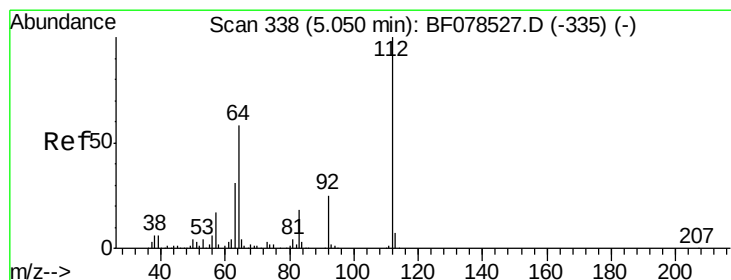
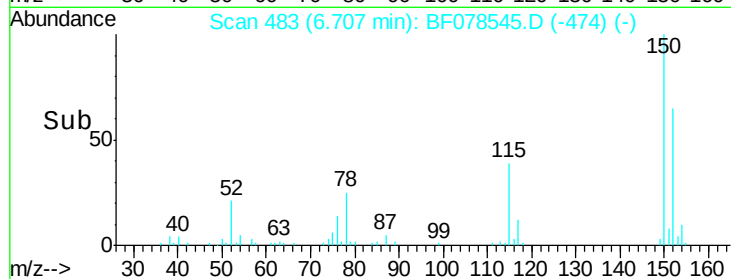
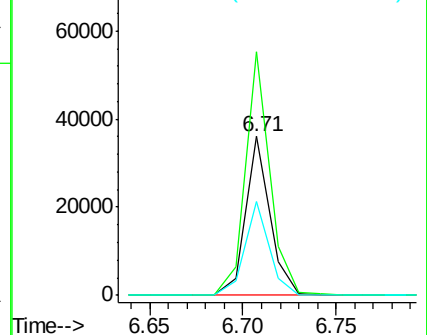
115 59.3 52.7 79.1



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: 82.94 ng

RT: 4.94 min Scan# 328

Delta R.T. 0.00 min

Lab File: BF078545.D

Acq: 15 Apr 2015 19:56

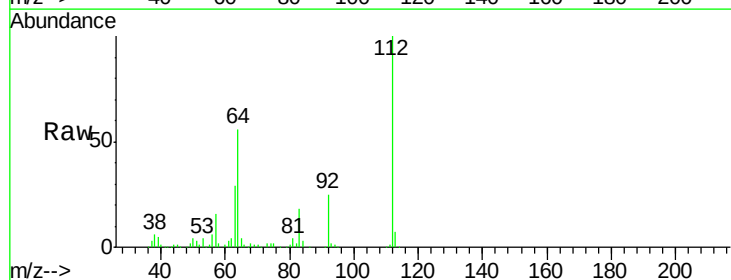
Tgt Ion:112 Resp: 165406

Ion Ratio Lower Upper

112 100

64 55.7 39.9 59.9

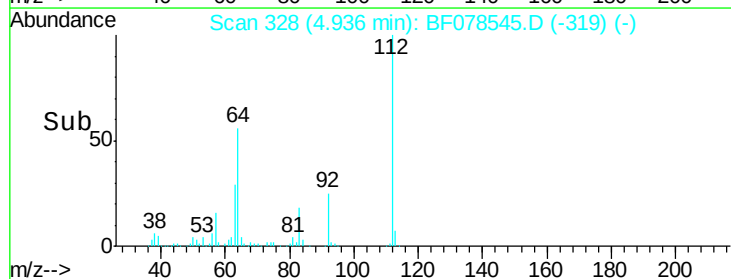
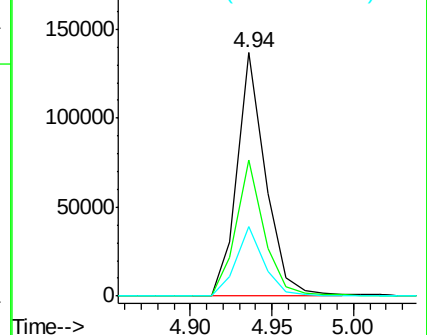
63 28.8 20.2 30.4

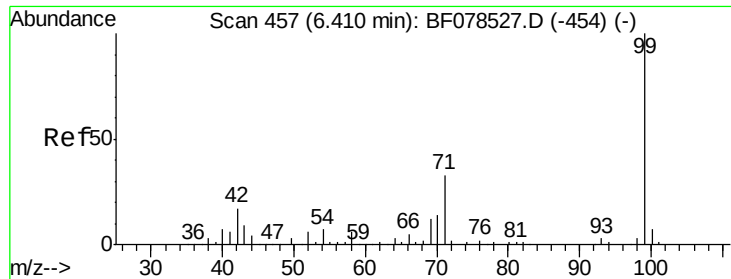


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 85.43 ng

RT: 6.32 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF078545.D

Acq: 15 Apr 2015 19:56

Instrument :

BNA_F

ClientSampleId :

LS-SD02ARE

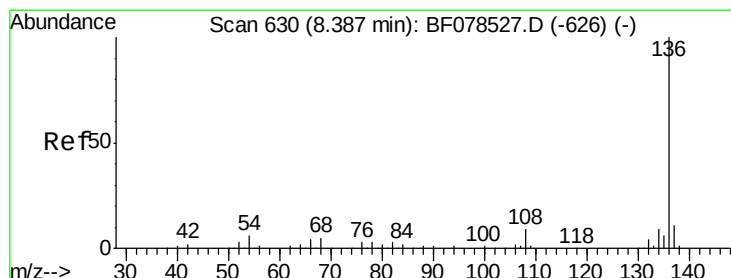
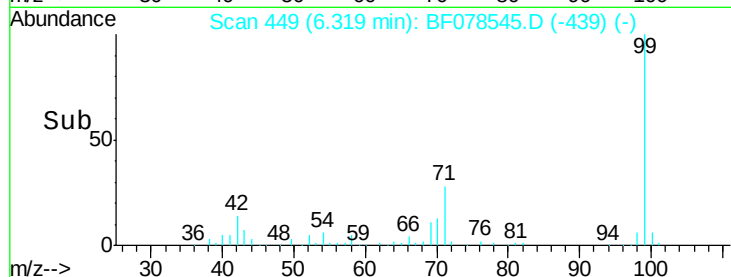
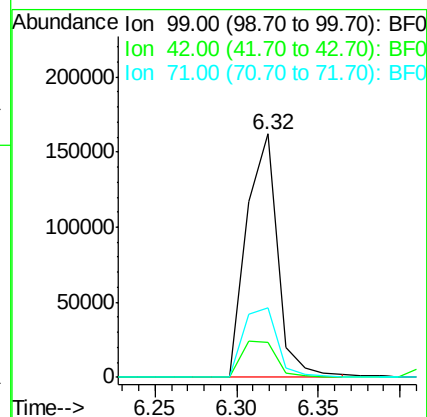
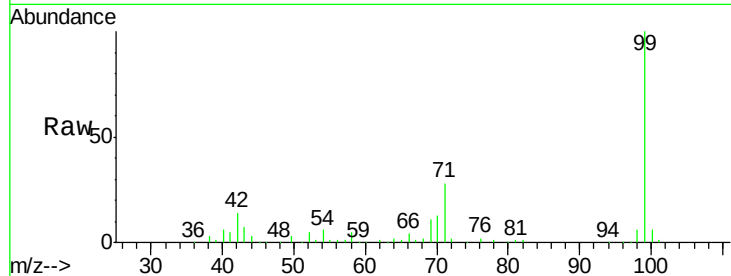
Tgt Ion: 99 Resp: 213518

Ion Ratio Lower Upper

99 100

42 14.2 14.8 22.2#

71 28.3 26.6 39.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF078545.D

Acq: 15 Apr 2015 19:56

Tgt Ion: 136 Resp: 131052

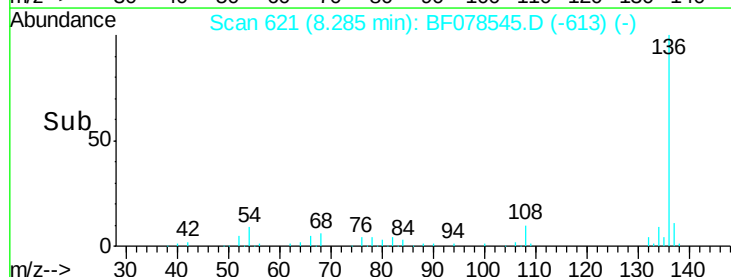
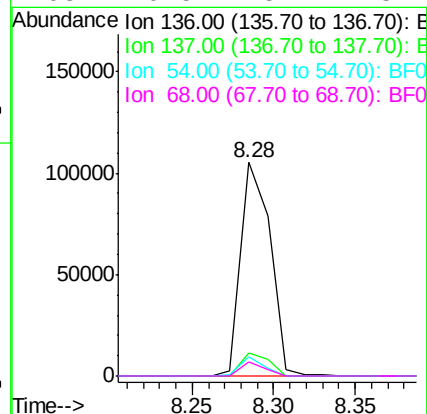
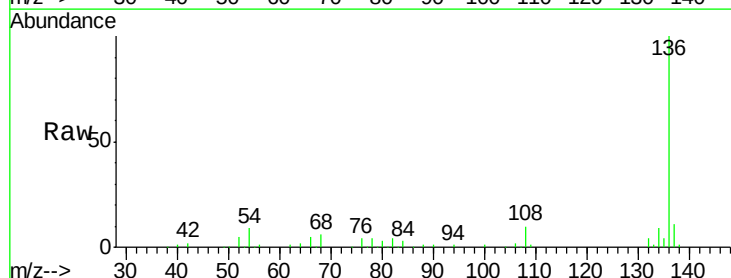
Ion Ratio Lower Upper

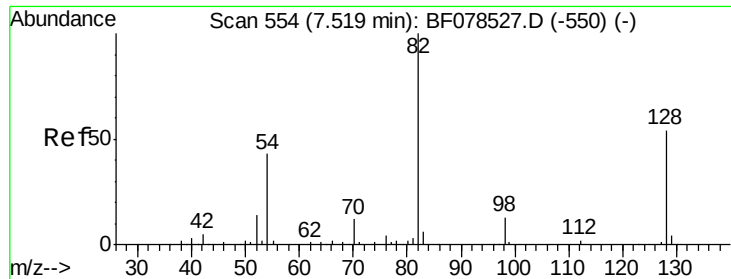
136 100

137 10.7 9.0 13.4

54 8.7 7.0 10.6

68 6.5 5.4 8.2

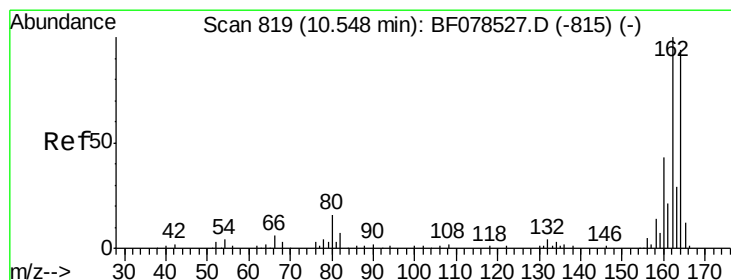
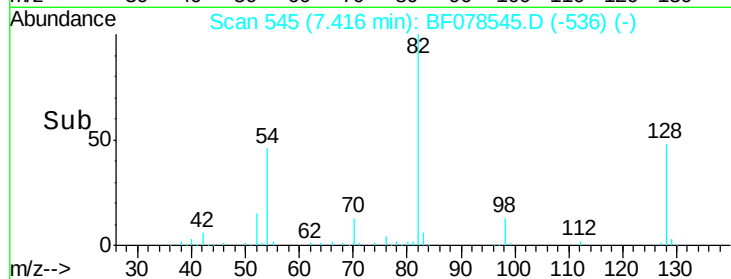
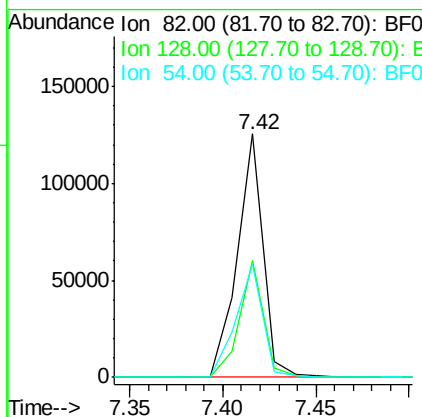
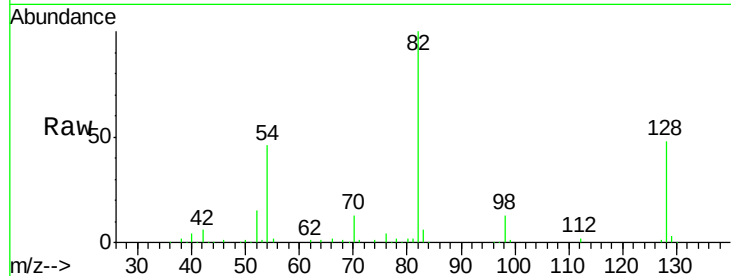




#23
 Nitrobenzene-d5
 Concen: 56.47 ng
 RT: 7.42 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF078545.D
 Acq: 15 Apr 2015 19:56

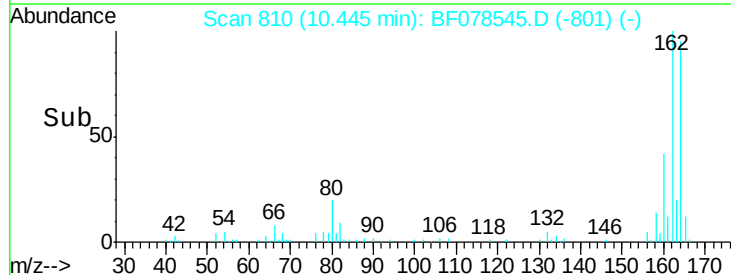
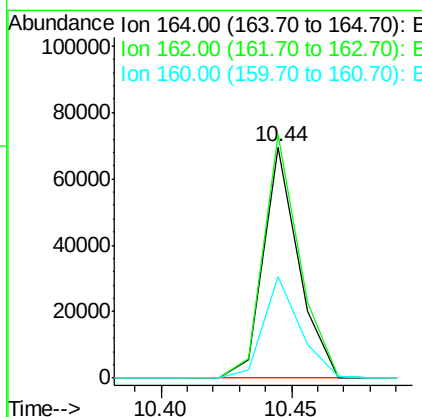
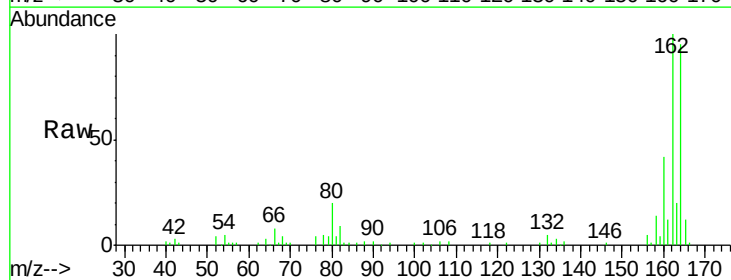
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02ARE

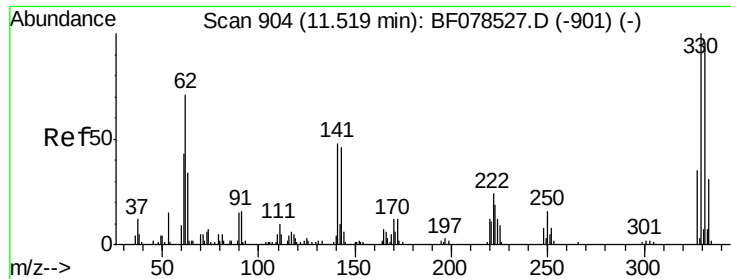
Tgt Ion: 82 Resp: 122086
 Ion Ratio Lower Upper
 82 100
 128 48.0 31.8 47.8#
 54 46.5 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF078545.D
 Acq: 15 Apr 2015 19:56

Tgt Ion: 164 Resp: 65311
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.2 123.2
 160 43.9 34.7 52.1

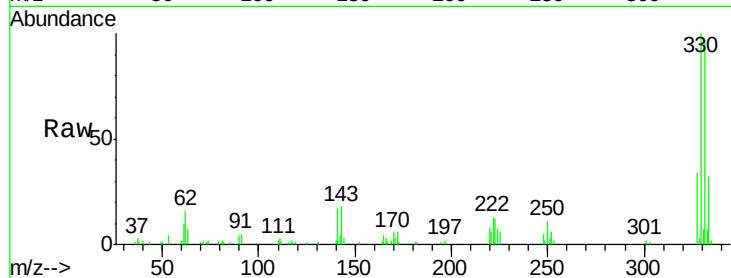




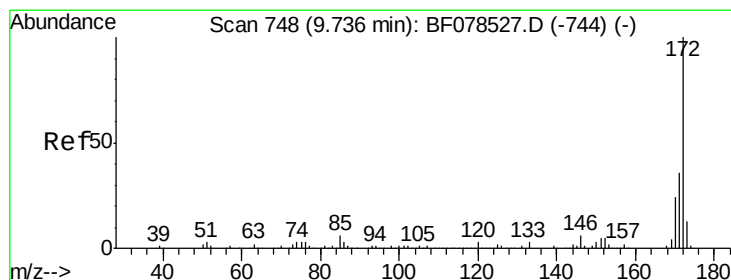
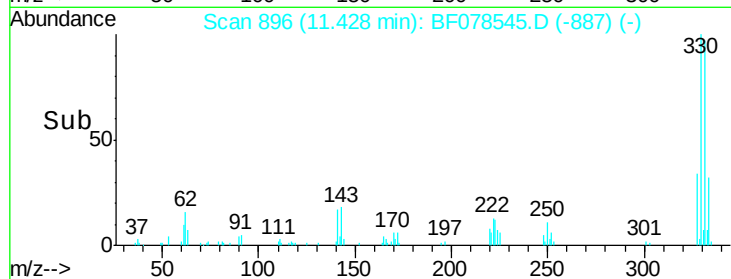
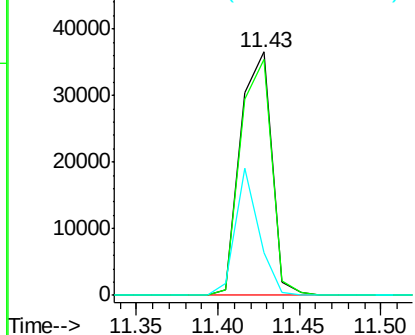
#41
 2,4,6-Tribromophenol
 Concen: 88.89 ng
 RT: 11.43 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF078545.D
 Acq: 15 Apr 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02ARE

Tgt Ion:330 Resp: 48148
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.6 117.8
 141 39.6 31.2 46.8

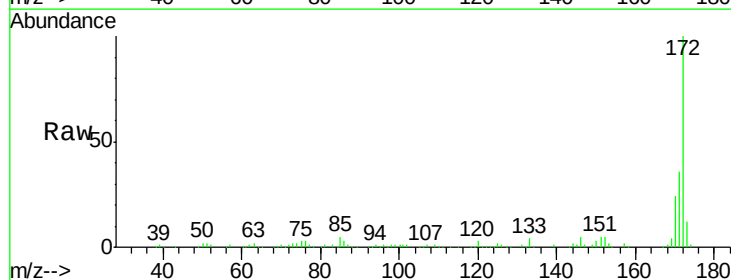


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

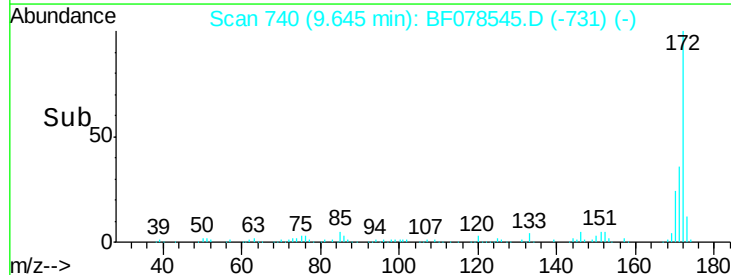
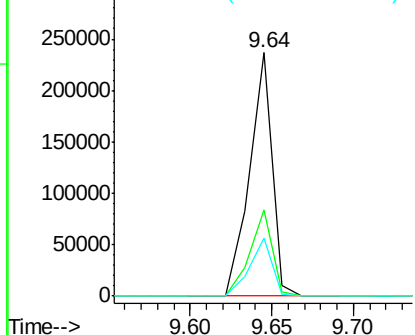


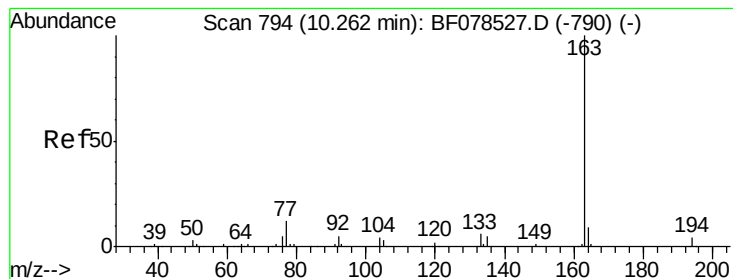
#44
 2-Fluorobiphenyl
 Concen: 49.72 ng
 RT: 9.64 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF078545.D
 Acq: 15 Apr 2015 19:56

Tgt Ion:172 Resp: 227193
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 23.6 18.5 27.7



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: 2.71 ng

RT: 10.16 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF078545.D

Acq: 15 Apr 2015 19:56

Instrument :

BNA_F

ClientSampleId :

LS-SD02ARE

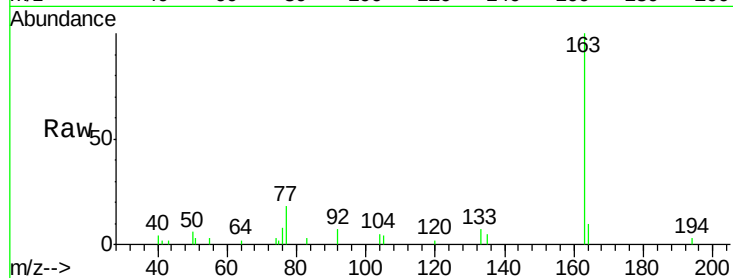
Tgt Ion:163 Resp: 13321

Ion Ratio Lower Upper

163 100

194 3.2 2.3 3.5

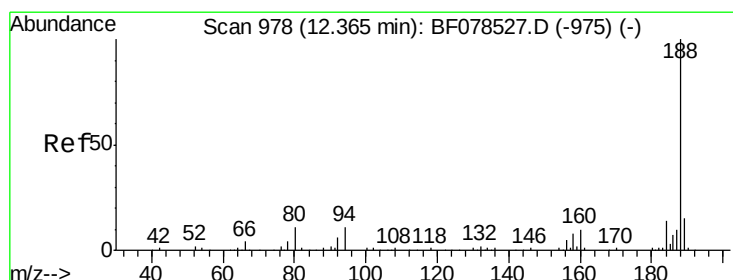
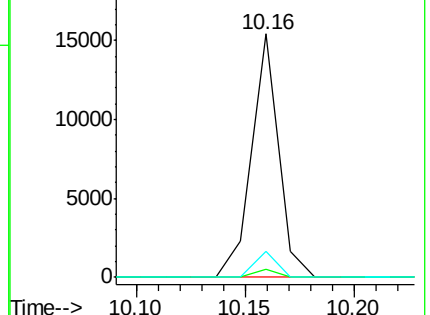
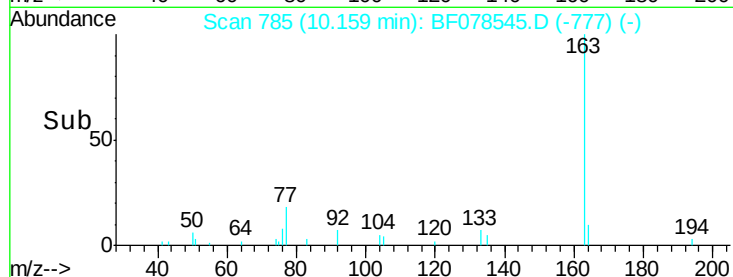
164 10.4 8.6 13.0



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: 20.00 ng

RT: 12.26 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF078545.D

Acq: 15 Apr 2015 19:56

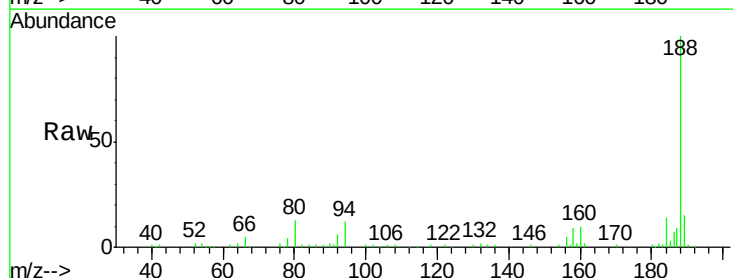
Tgt Ion:188 Resp: 127127

Ion Ratio Lower Upper

188 100

94 12.1 9.0 13.4

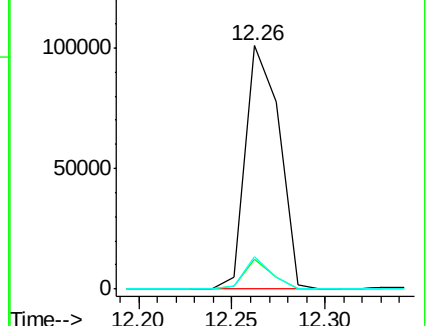
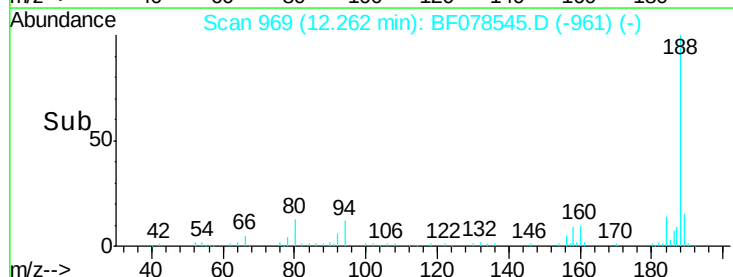
80 13.1 9.5 14.3

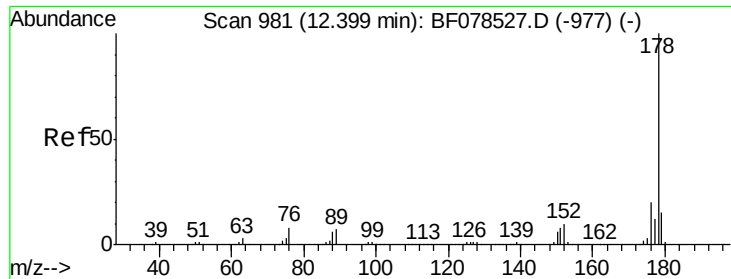


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

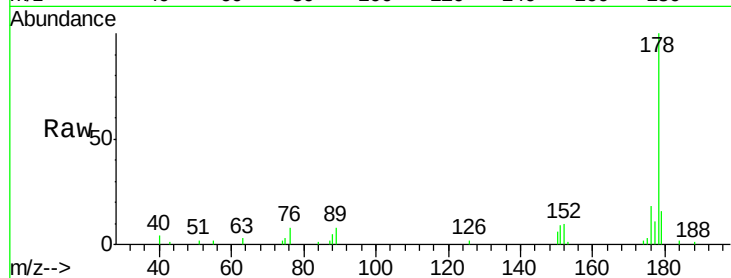




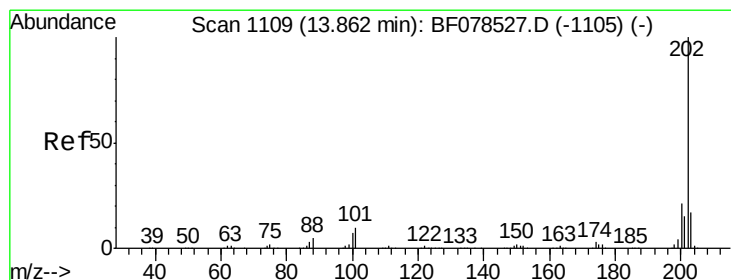
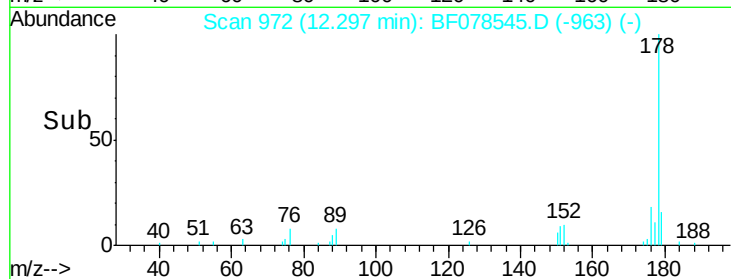
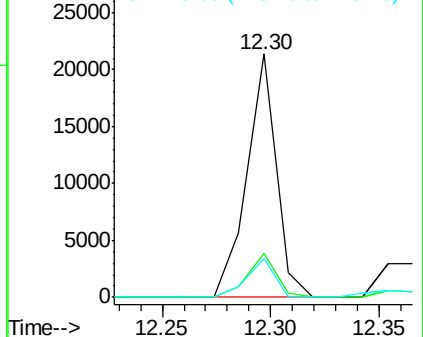
#70
 Phenanthrene
 Concen: 2.72 ng
 RT: 12.30 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF078545.D
 Acq: 15 Apr 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02ARE

Tgt Ion:178 Resp: 19998
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.4 23.0
 179 16.0 12.2 18.2

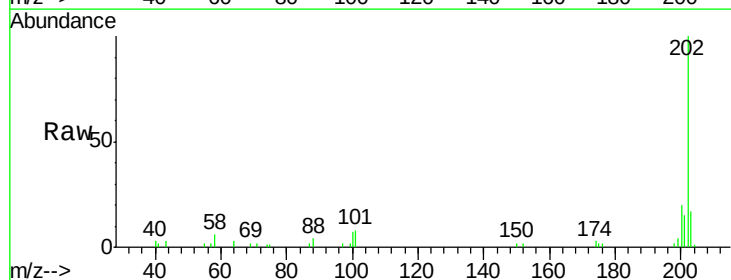


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

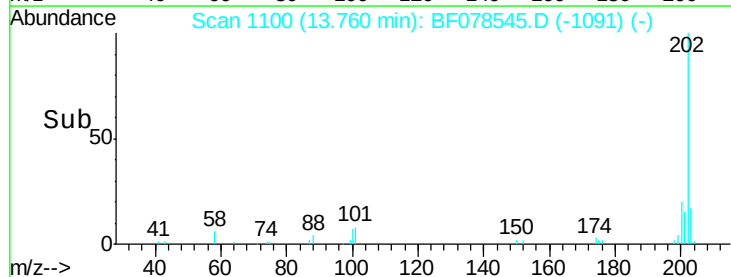
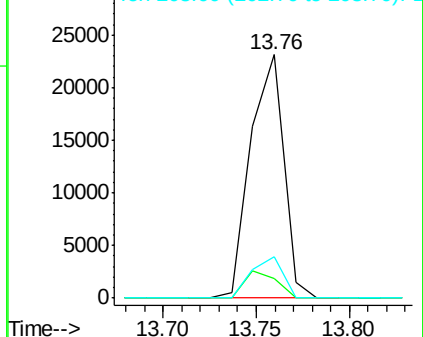


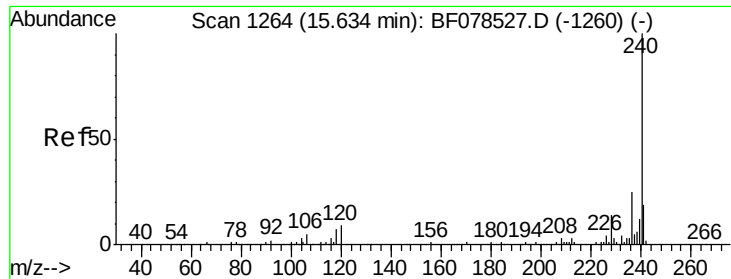
#74
 Fluoranthene
 Concen: 3.67 ng
 RT: 13.76 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF078545.D
 Acq: 15 Apr 2015 19:56

Tgt Ion:202 Resp: 28442
 Ion Ratio Lower Upper
 202 100
 101 8.3 0.0 35.2
 203 17.0 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.52 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF078545.D

Acq: 15 Apr 2015 19:56

Instrument :

BNA_F

ClientSampleId :

LS-SD02ARE

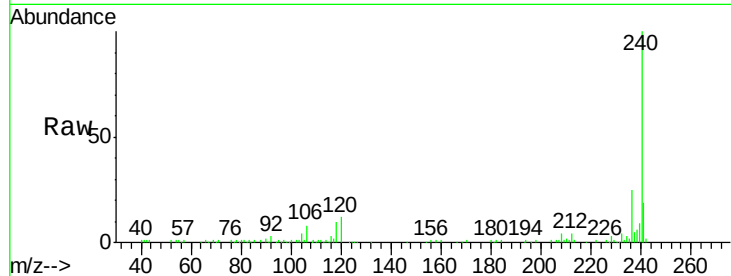
Tgt Ion:240 Resp: 131345

Ion Ratio Lower Upper

240 100

120 11.7 7.1 10.7#

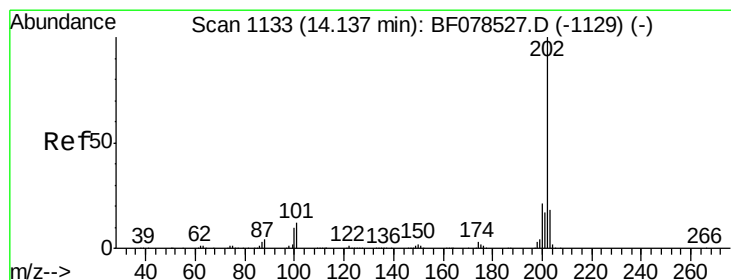
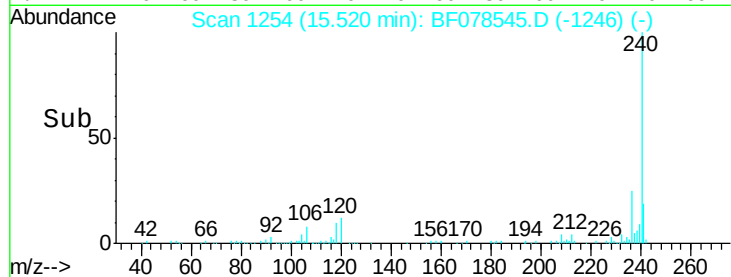
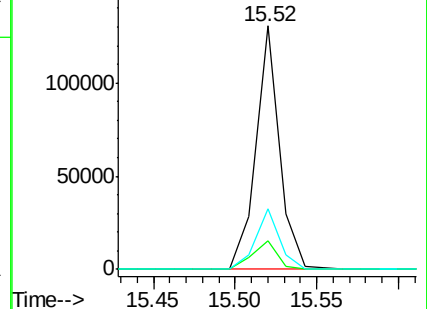
236 24.8 21.4 32.2



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: 2.83 ng

RT: 14.02 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF078545.D

Acq: 15 Apr 2015 19:56

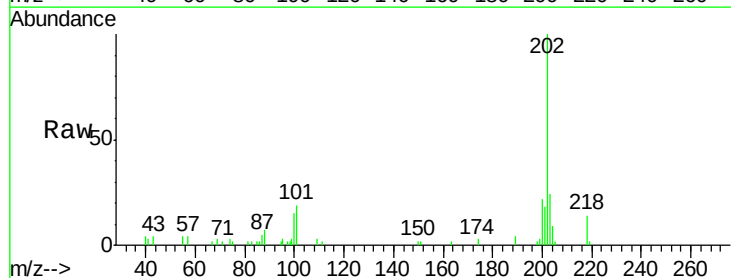
Tgt Ion:202 Resp: 23303

Ion Ratio Lower Upper

202 100

200 22.3 16.3 24.5

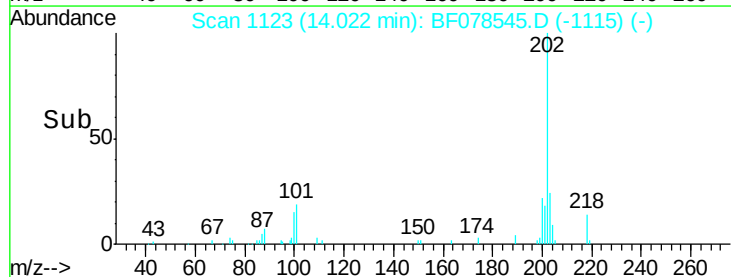
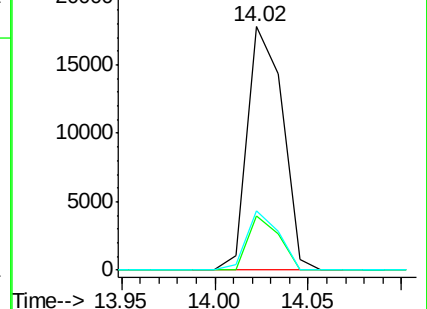
203 24.4 13.8 20.6#

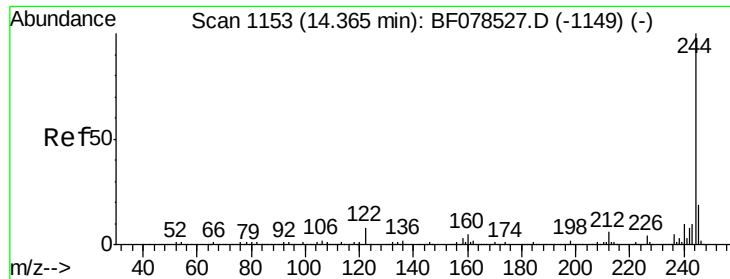


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

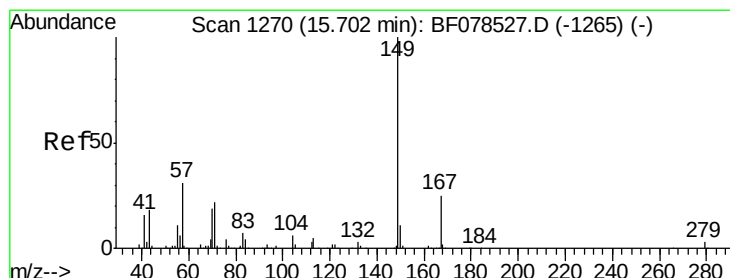
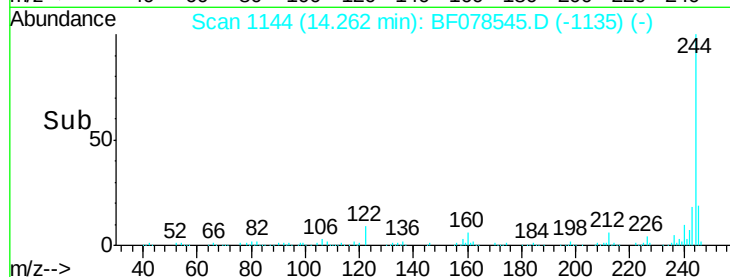
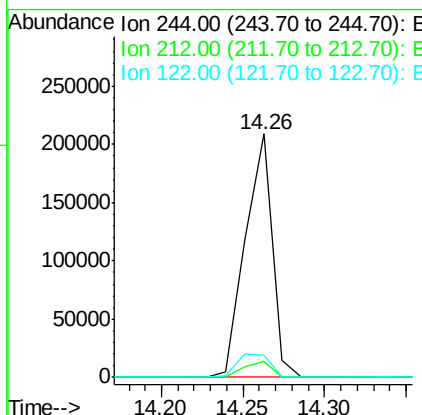
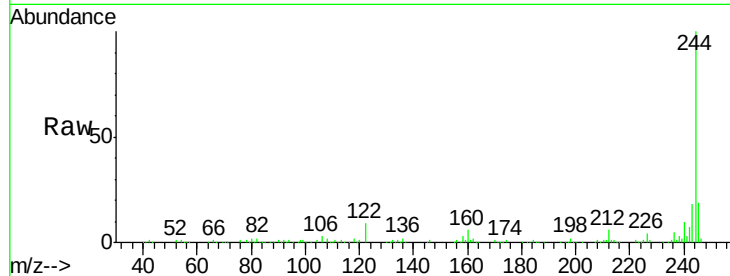




#78
 Terphenyl-d14
 Concen: 40.90 ng
 RT: 14.26 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BF078545.D
 Acq: 15 Apr 2015 19:56

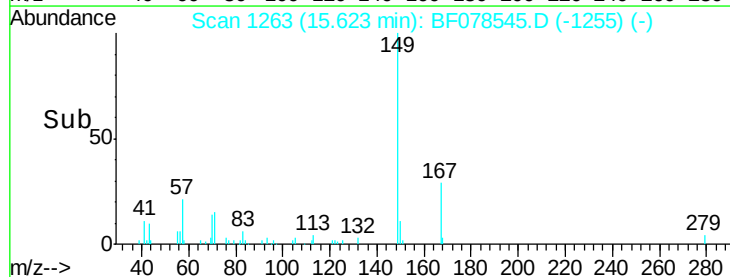
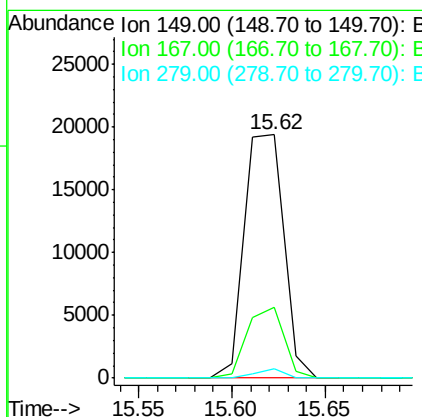
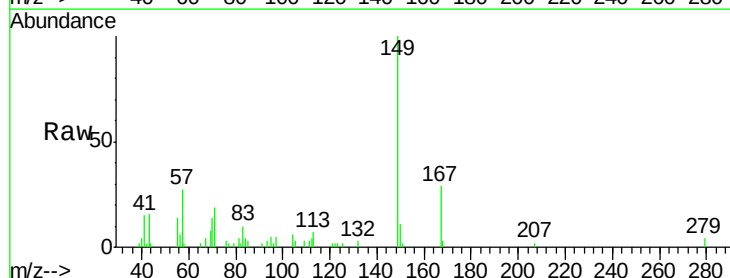
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02ARE

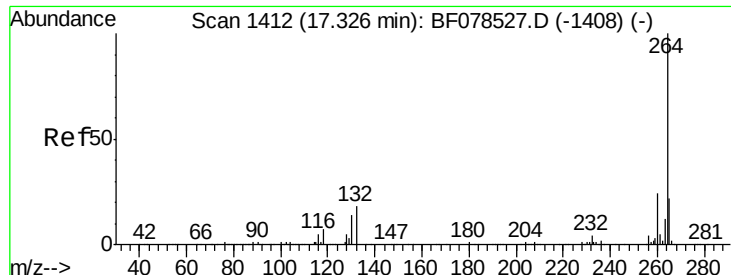
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.4
122	9.1	7.1	10.7



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.77 ng
 RT: 15.62 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF078545.D
 Acq: 15 Apr 2015 19:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.2	33.2
279	4.0	3.2	4.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.22 min Scan# 1403
Delta R.T. -0.08 min
Lab File: BF078545.D
Acq: 15 Apr 2015 19:56

Instrument :
BNA_F
ClientSampleId :
LS-SD02ARE

Tgt Ion: 264 Resp: 132904
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 21.7 17.0 25.6

