

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078547.D
 Acq On : 15 Apr 2015 20:53
 Operator : TP/IZ
 Sample : G1787-06RE 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02CRE

Quant Time: Apr 16 02:11:55 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

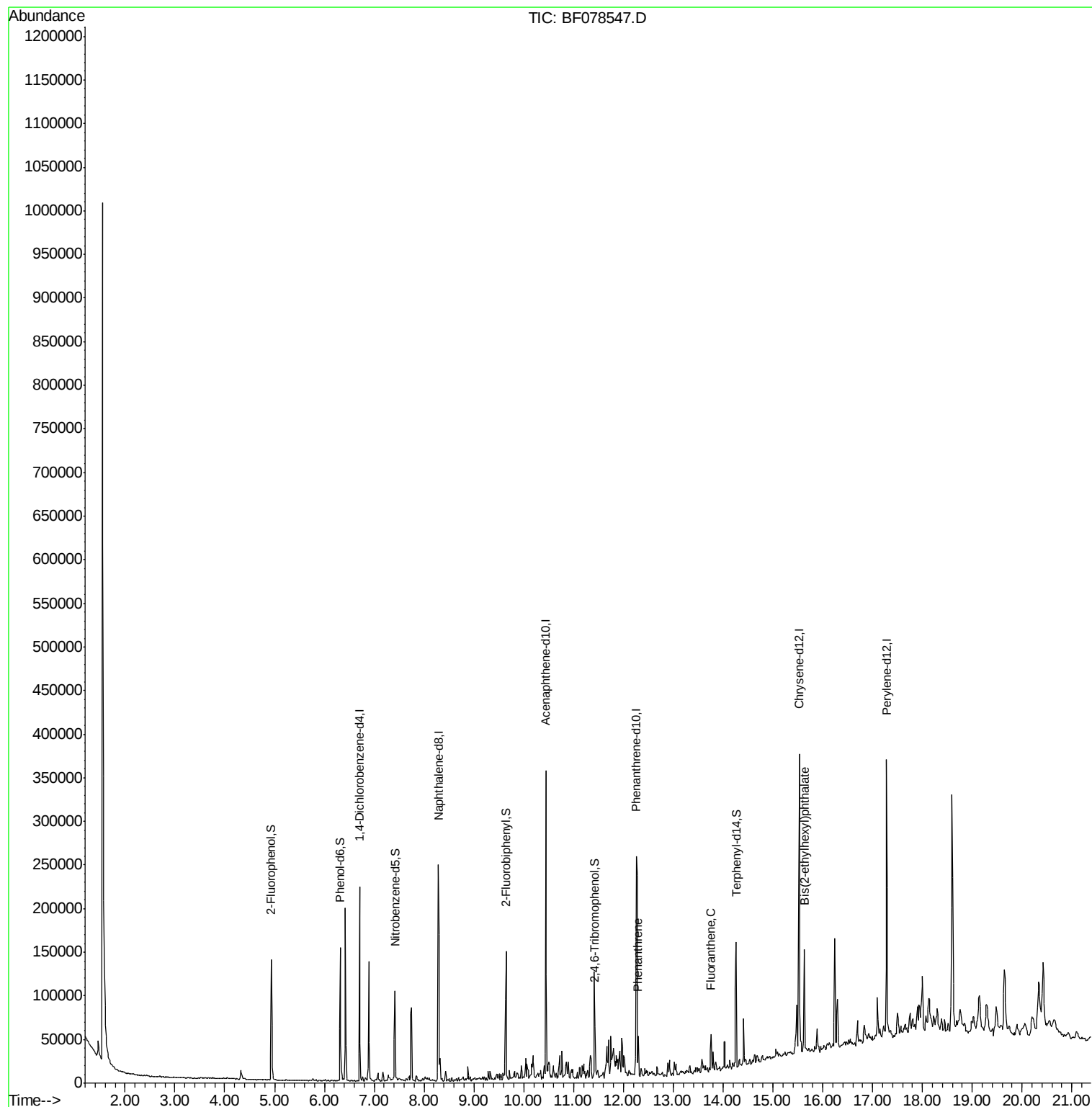
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	35962	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	146456	20.00	ng	-0.01
38) Acenaphthene-d10	10.44	164	73824	20.00	ng	0.00
63) Phenanthrene-d10	12.26	188	137777	20.00	ng	-0.01
75) Chrysene-d12	15.53	240	149823	20.00	ng	0.00
86) Perylene-d12	17.28	264	144887	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	53655	24.60	ng	0.00
7) Phenol-d6	6.32	99	69069	25.27	ng	0.01
23) Nitrobenzene-d5	7.42	82	37965	15.71	ng	0.00
41) 2,4,6-Tribromophenol	11.43	330	14852	24.26	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	60536	11.72	ng	0.00
78) Terphenyl-d14	14.26	244	60390	9.11	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	12.30	178	18610	2.34	ng	97
74) Fluoranthene	13.76	202	19192	2.28	ng	93
83) Bis(2-ethylhexyl)phthalate	15.63	149	54633	9.72	ng	98

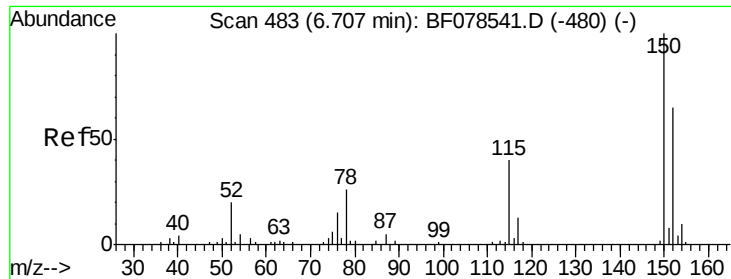
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078547.D

Acq: 15 Apr 2015 20:53

Instrument :

BNA_F

ClientSampleId :

LS-SD02CRE

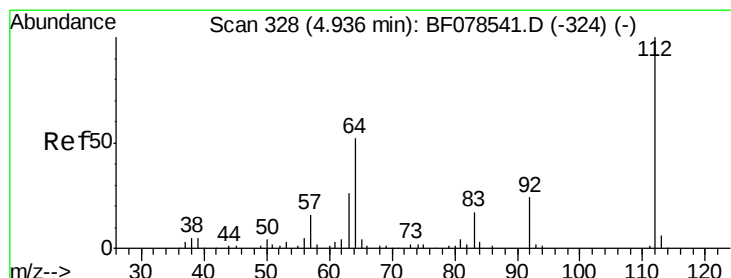
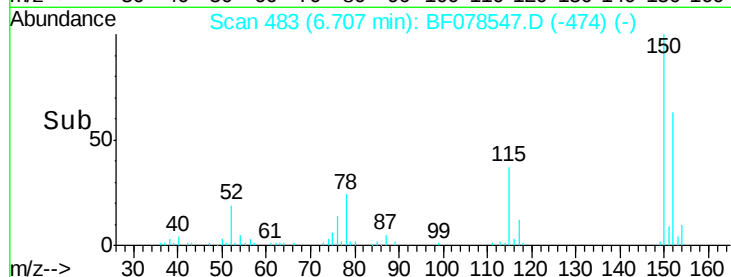
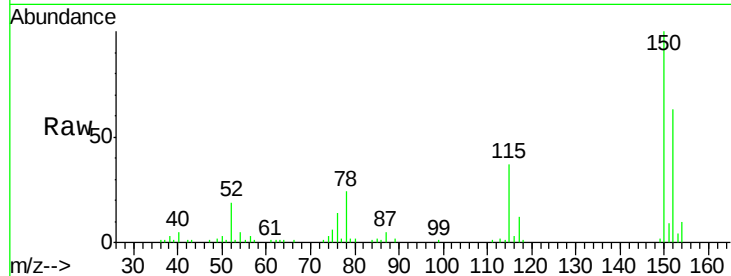
Tgt Ion:152 Resp: 35962

Ion Ratio Lower Upper

152 100

150 158.0 125.9 188.9

115 59.2 52.7 79.1



#5

2-Fluorophenol

Concen: 24.60 ng

RT: 4.94 min Scan# 328

Delta R.T. 0.00 min

Lab File: BF078547.D

Acq: 15 Apr 2015 20:53

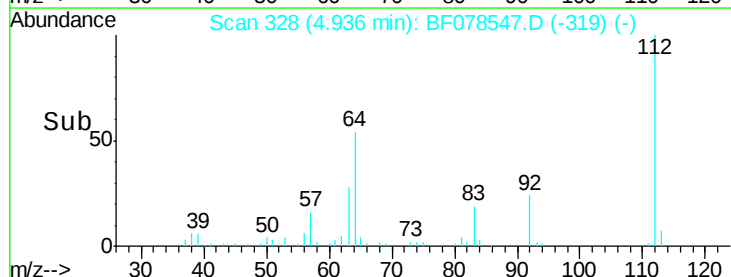
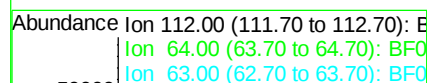
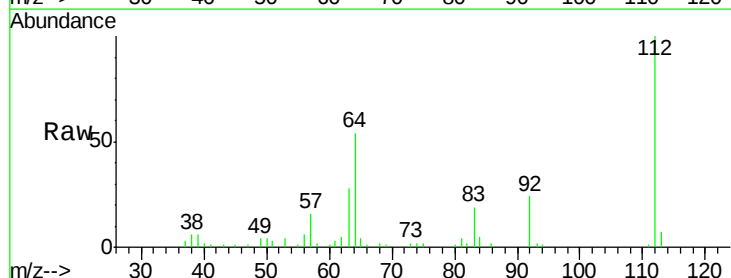
Tgt Ion:112 Resp: 53655

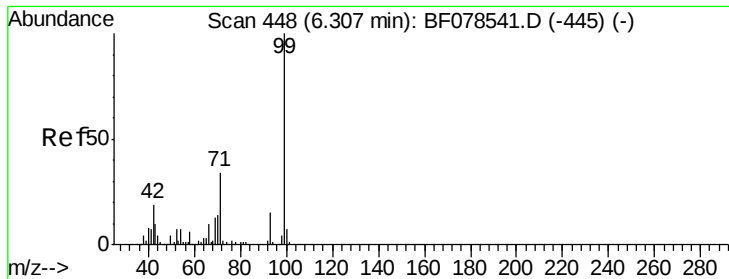
Ion Ratio Lower Upper

112 100

64 54.1 39.9 59.9

63 28.3 20.2 30.4





#7

Phenol-d6

Concen: 25.27 ng

RT: 6.32 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF078547.D

Acq: 15 Apr 2015 20:53

Instrument :

BNA_F

ClientSampleId :

LS-SD02CRE

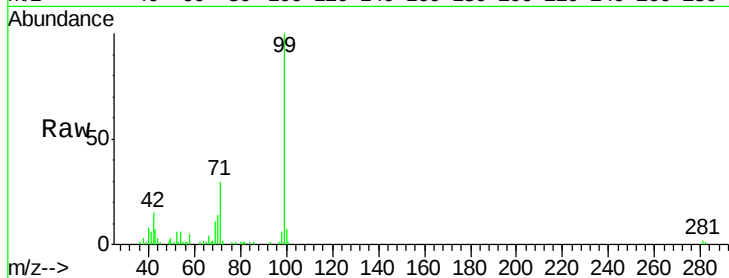
Tgt Ion: 99 Resp: 69069

Ion Ratio Lower Upper

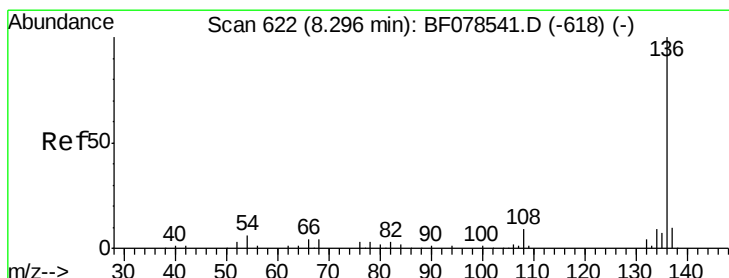
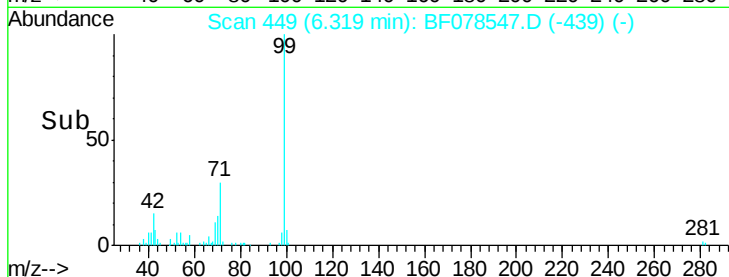
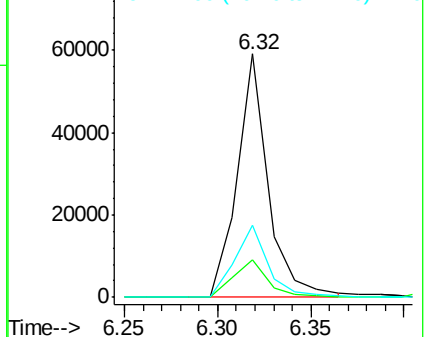
99 100

42 15.3 14.8 22.2

71 29.7 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF078547.D

Acq: 15 Apr 2015 20:53

Tgt Ion: 136 Resp: 146456

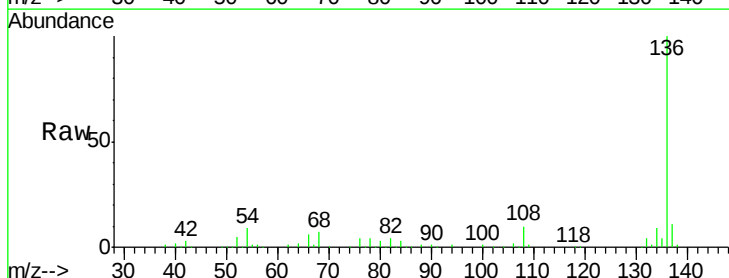
Ion Ratio Lower Upper

136 100

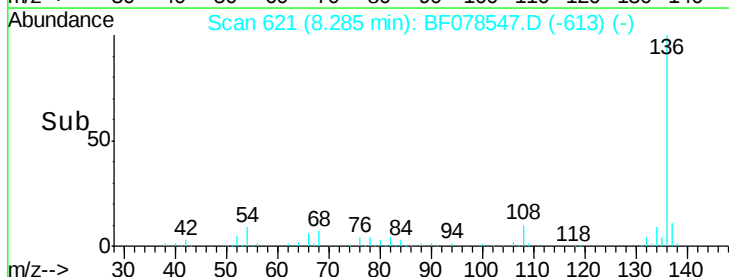
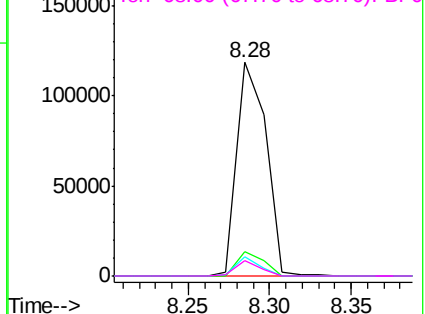
137 11.2 9.0 13.4

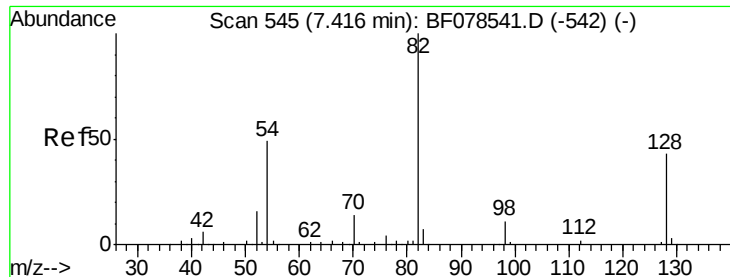
54 9.1 7.0 10.6

68 6.9 5.4 8.2



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

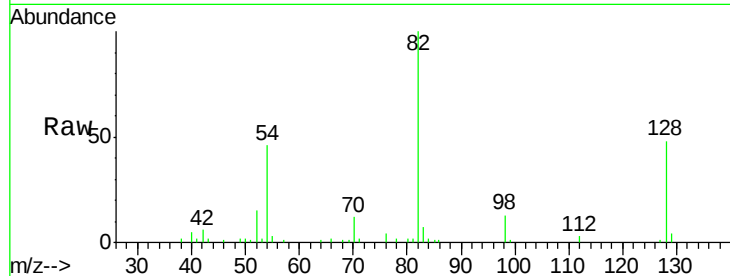




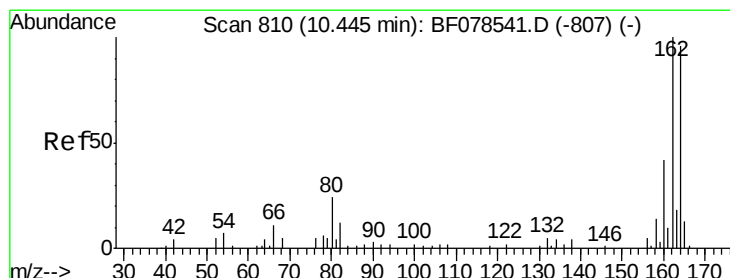
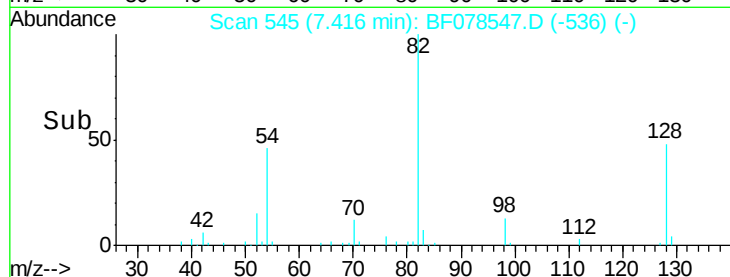
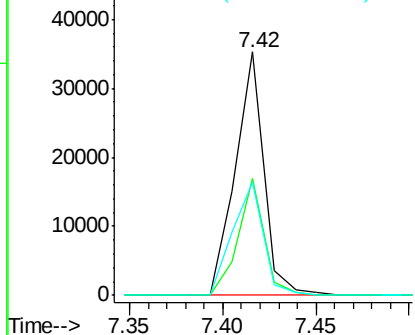
#23
 Nitrobenzene-d5
 Concen: 15.71 ng
 RT: 7.42 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF078547.D
 Acq: 15 Apr 2015 20:53

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02CRE

Tgt Ion: 82 Resp: 37965
 Ion Ratio Lower Upper
 82 100
 128 48.1 31.8 47.8#
 54 46.3 41.5 62.3

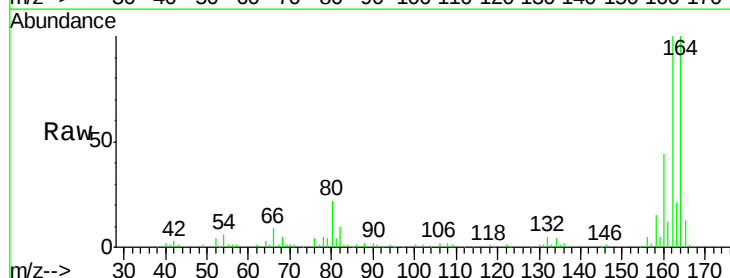


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

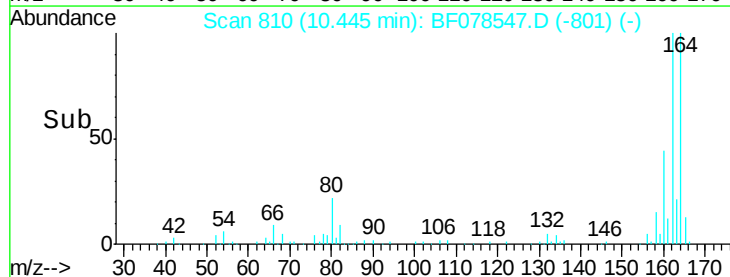
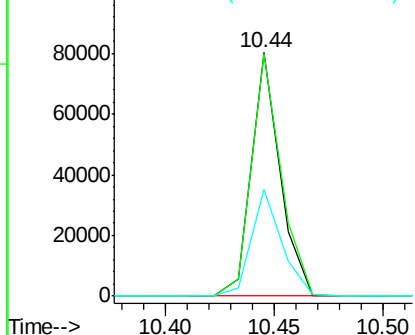


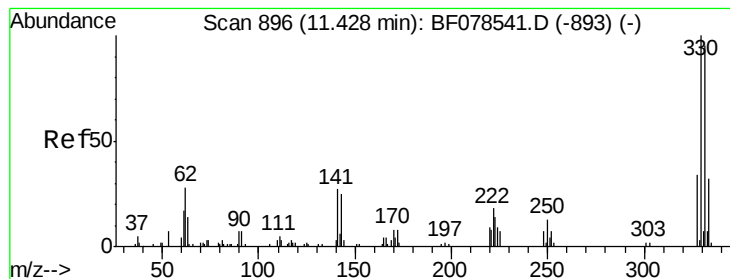
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF078547.D
 Acq: 15 Apr 2015 20:53

Tgt Ion: 164 Resp: 73824
 Ion Ratio Lower Upper
 164 100
 162 99.5 82.2 123.2
 160 43.7 34.7 52.1



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

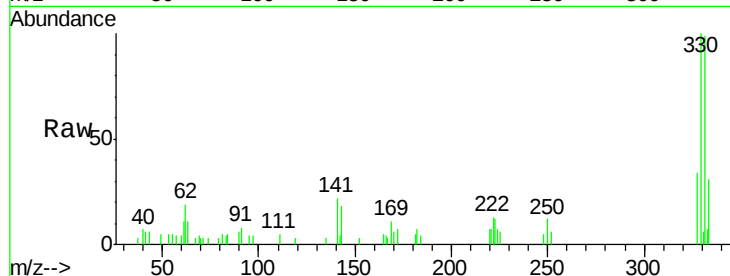




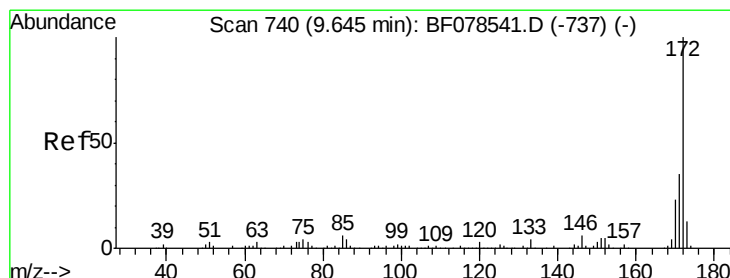
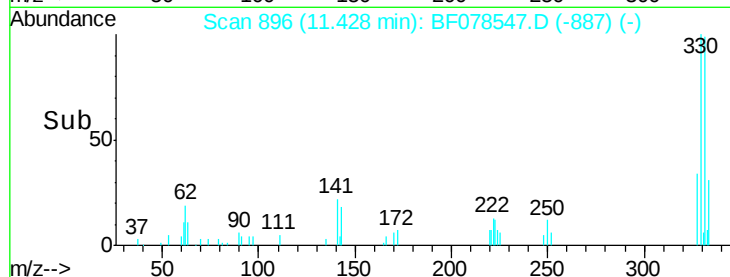
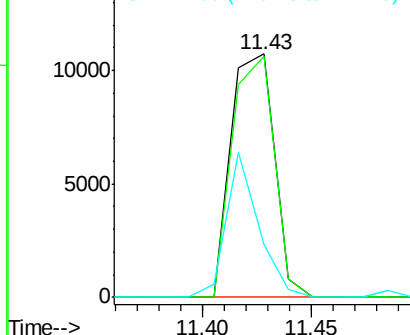
#41
 2,4,6-Tribromophenol
 Concen: 24.26 ng
 RT: 11.43 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF078547.D
 Acq: 15 Apr 2015 20:53

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02CRE

Tgt Ion:330 Resp: 14852
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.6 117.8
 141 44.6 31.2 46.8

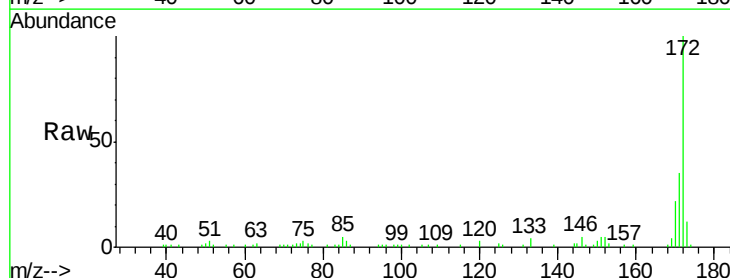


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

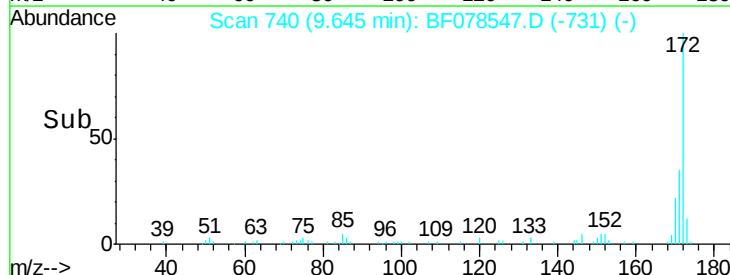
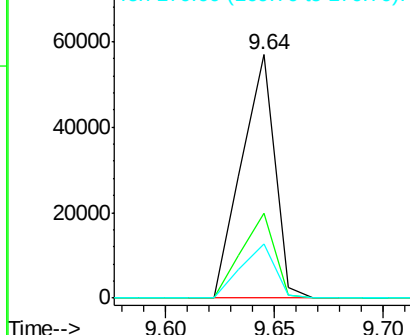


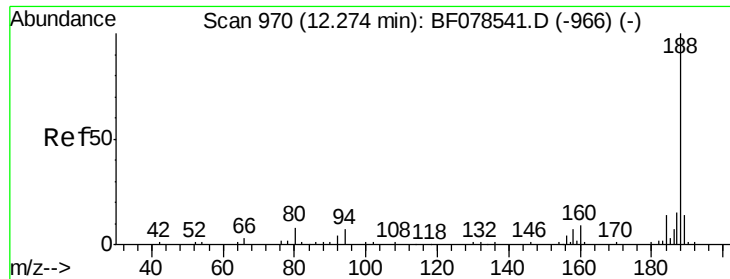
#44
 2-Fluorobiphenyl
 Concen: 11.72 ng
 RT: 9.64 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF078547.D
 Acq: 15 Apr 2015 20:53

Tgt Ion:172 Resp: 60536
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 42.8
 170 22.1 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

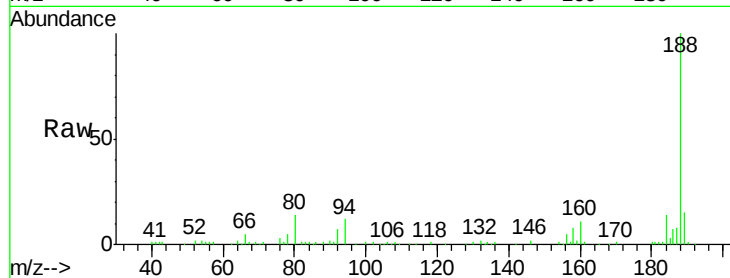




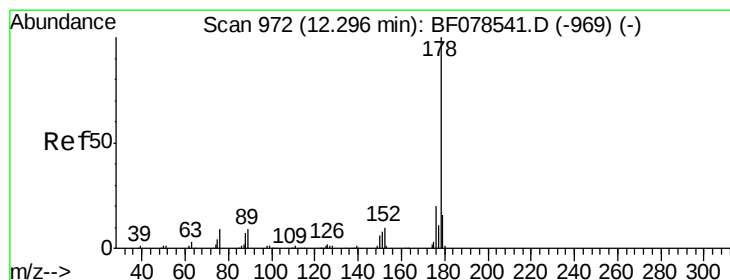
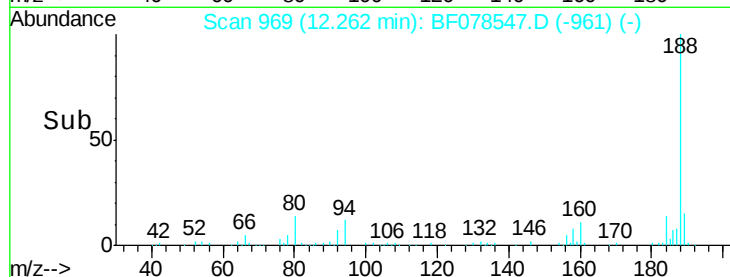
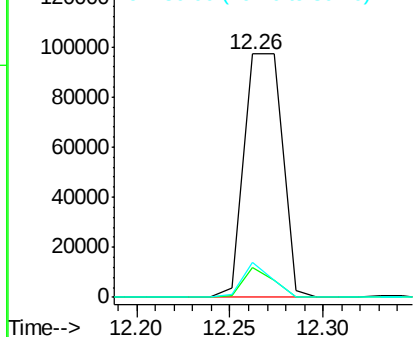
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.26 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF078547.D
Acq: 15 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
LS-SD02CRE

Tgt Ion:188 Resp: 137777
Ion Ratio Lower Upper
188 100
94 12.5 9.0 13.4
80 14.1 9.5 14.3

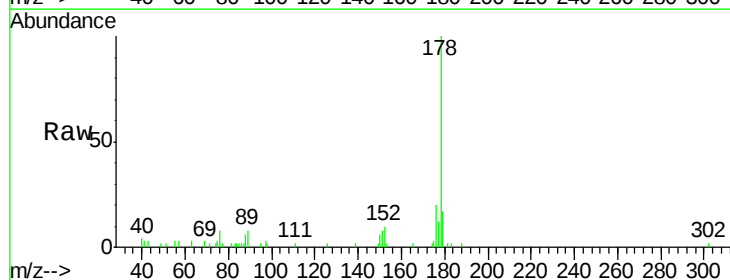


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

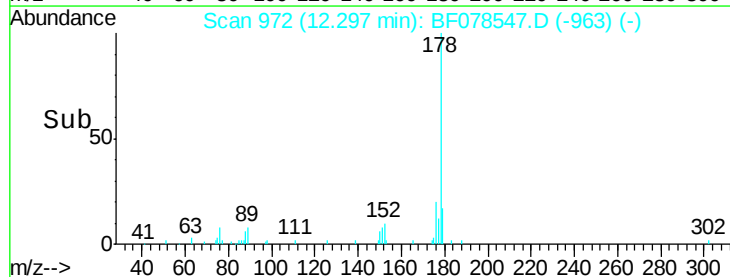
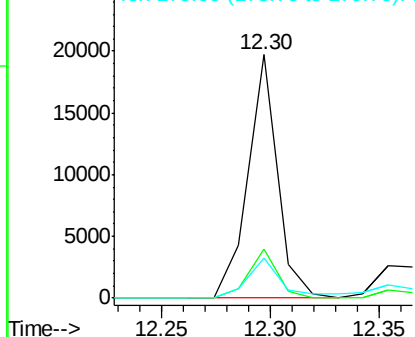


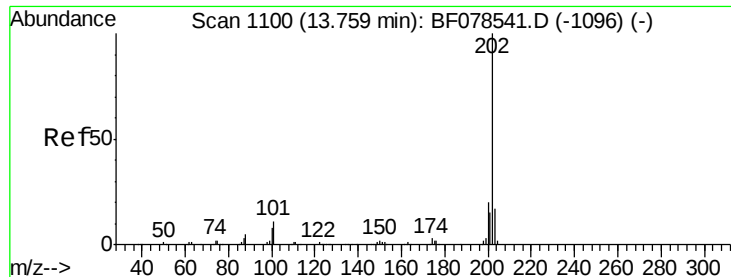
#70
Phenanthrene
Concen: 2.34 ng
RT: 12.30 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF078547.D
Acq: 15 Apr 2015 20:53

Tgt Ion:178 Resp: 18610
Ion Ratio Lower Upper
178 100
176 20.1 15.4 23.0
179 16.6 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: 2.28 ng

RT: 13.76 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF078547.D

Acq: 15 Apr 2015 20:53

Instrument :

BNA_F

ClientSampleId :

LS-SD02CRE

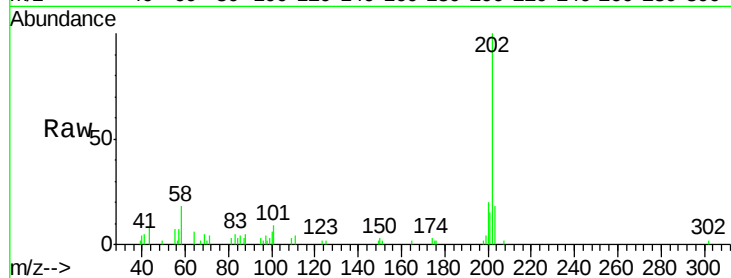
Tgt Ion:202 Resp: 19192

Ion Ratio Lower Upper

202 100

101 9.2 0.0 35.2

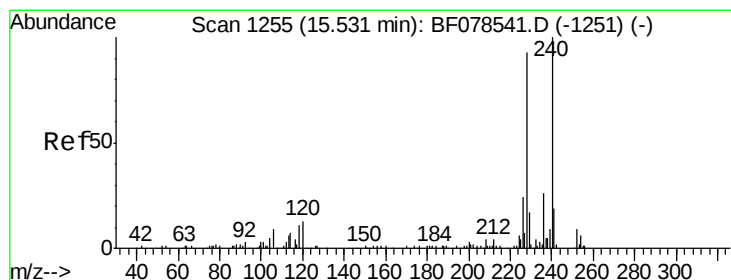
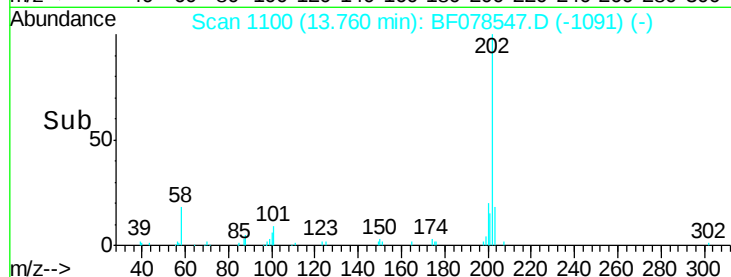
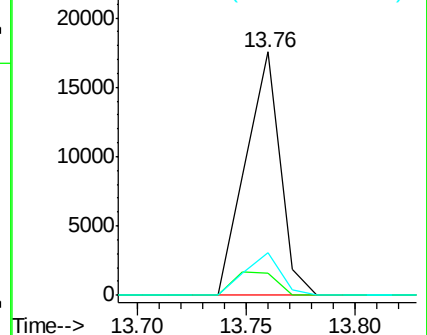
203 17.7 0.0 38.5



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: 15.53 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF078547.D

Acq: 15 Apr 2015 20:53

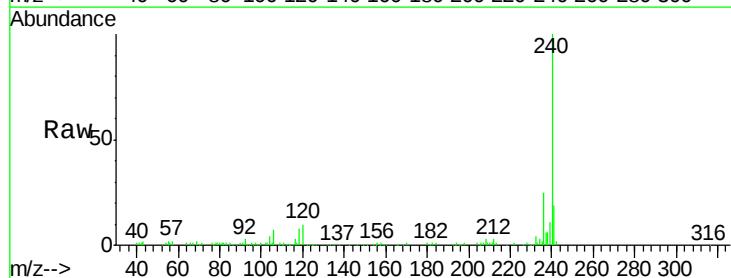
Tgt Ion:240 Resp: 149823

Ion Ratio Lower Upper

240 100

120 9.6 7.1 10.7

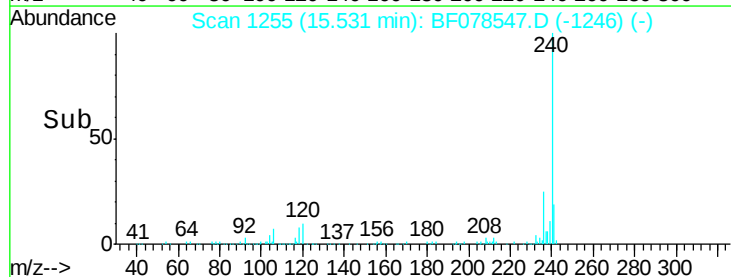
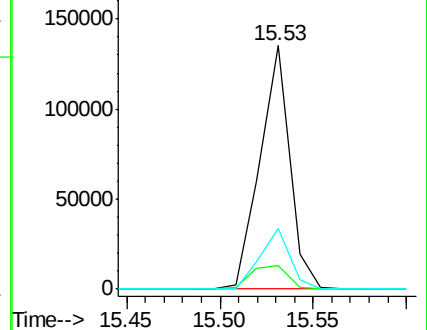
236 25.1 21.4 32.2

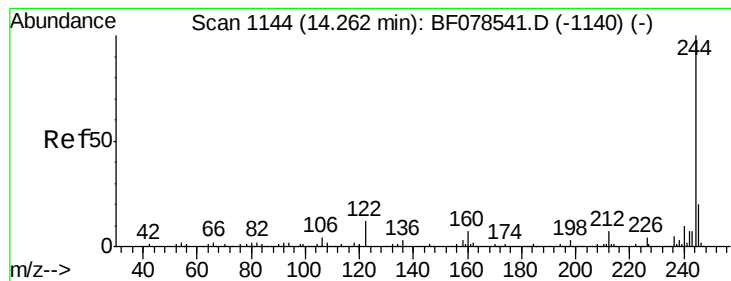


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 9.11 ng

RT: 14.26 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF078547.D

Acq: 15 Apr 2015 20:53

Instrument :

BNA_F

ClientSampleId :

LS-SD02CRE

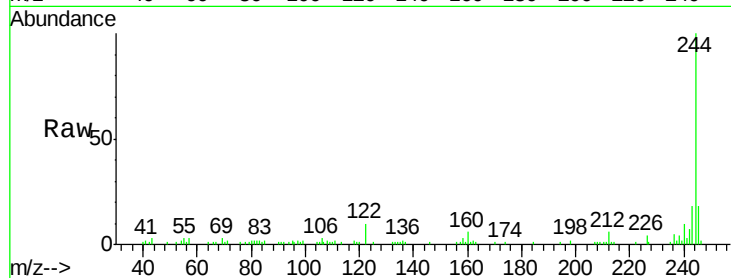
Tgt Ion:244 Resp: 60390

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

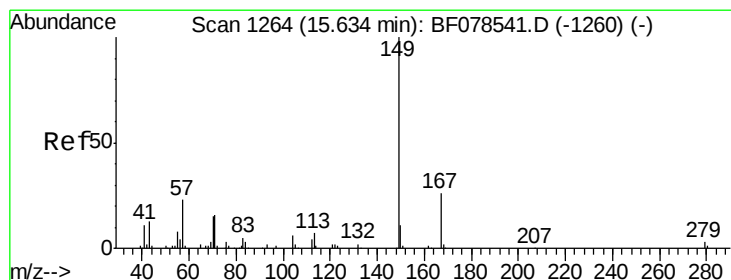
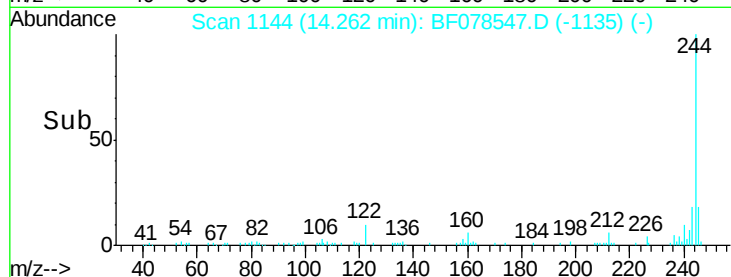
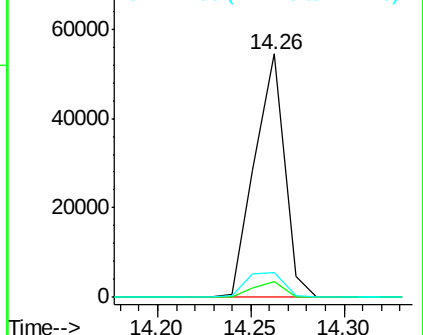
122 10.0 7.1 10.7



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 9.72 ng

RT: 15.63 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF078547.D

Acq: 15 Apr 2015 20:53

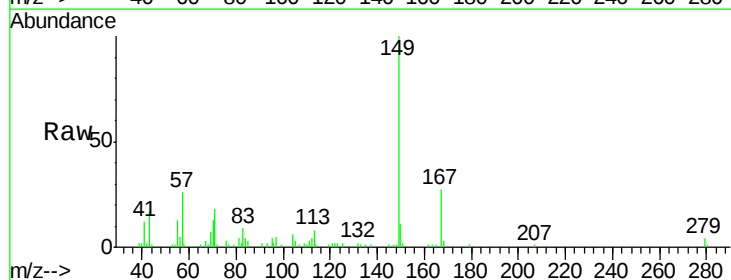
Tgt Ion:149 Resp: 54633

Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.2

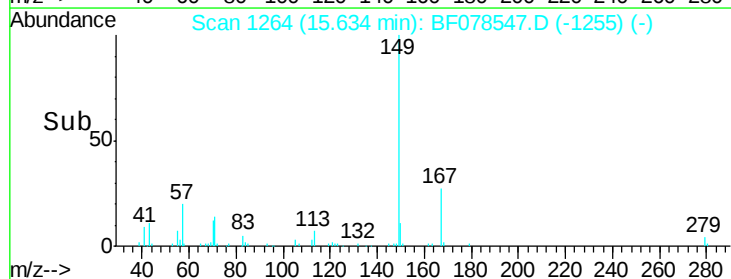
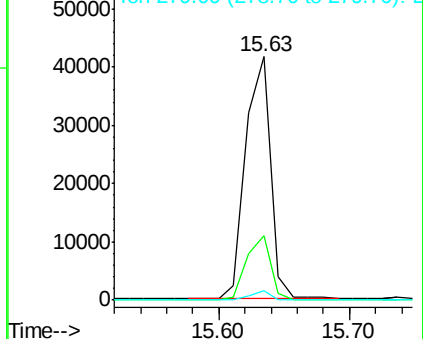
279 3.9 3.2 4.8

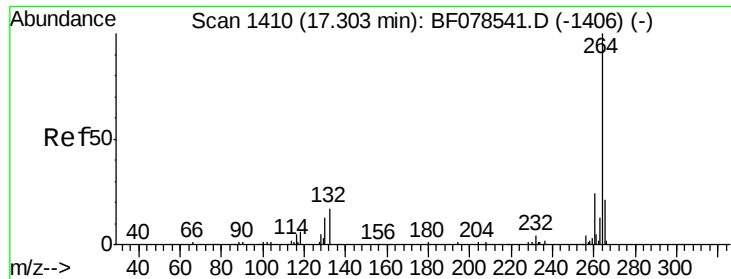


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.28 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF078547.D
Acq: 15 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
LS-SD02CRE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.8	17.0	25.6

