

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096287.D
 Acq On : 29 Jun 2017 13:08
 Operator : SJ/MA
 Sample : I3906-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-062317-B

Quant Time: Jun 29 18:04:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

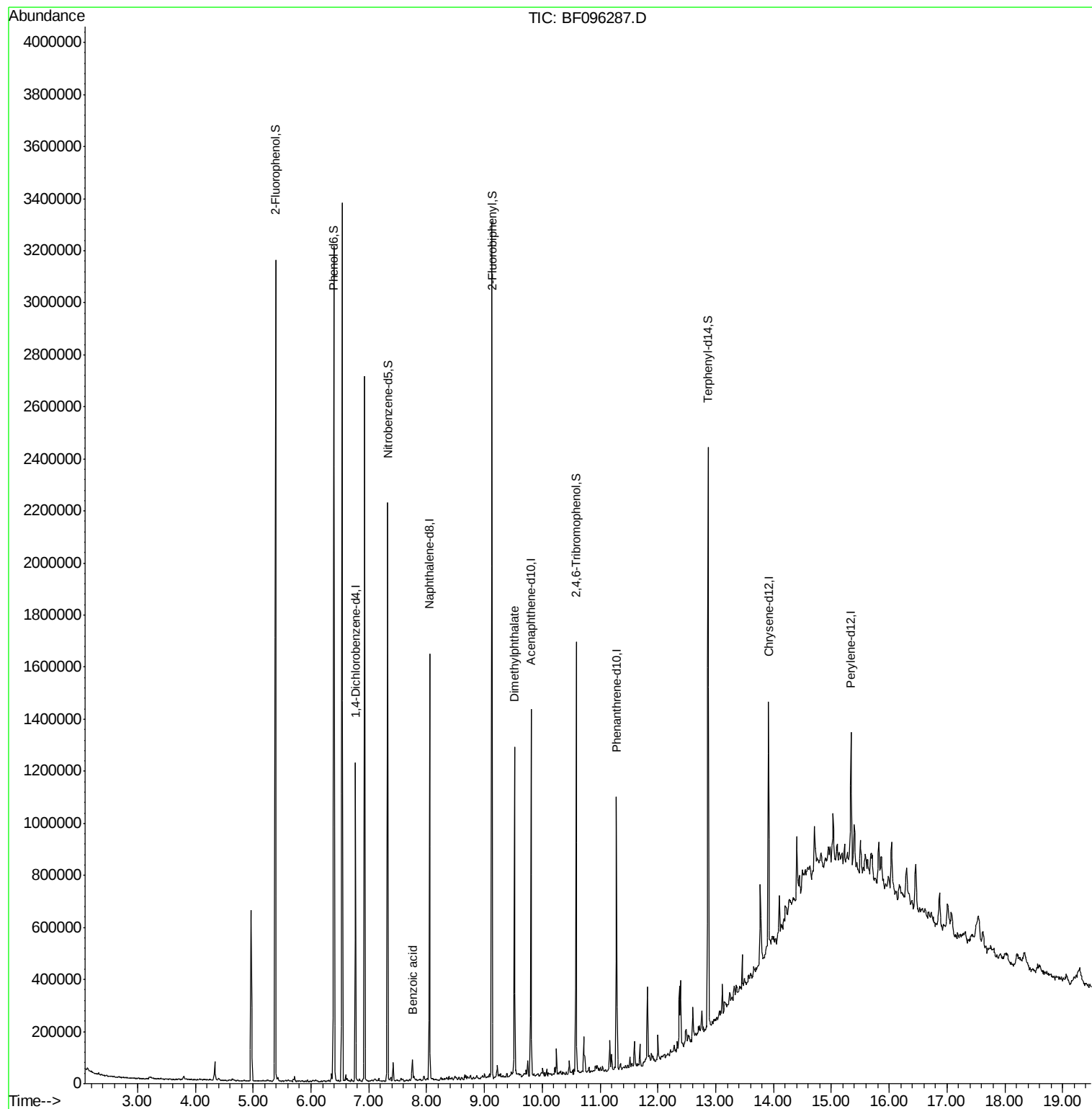
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	163336	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	664021	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	251998	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	365945	20.00	ng	0.00
75) Chrysene-d12	13.92	240	309714	20.00	ng	0.00
86) Perylene-d12	15.34	264	237050	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	933147	82.31	ng	0.00
7) Phenol-d6	6.40	99	1137978	82.89	ng	0.00
23) Nitrobenzene-d5	7.33	82	639806	66.70	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	186461	94.02	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	996466	72.42	ng	-0.02
78) Terphenyl-d14	12.87	244	640081	51.57	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.76	122	20510	11.19	ng	97
49) Dimethylphthalate	9.52	163	479693	26.60	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF096287.D

Acq: 29 Jun 2017 13:08

Instrument :

BNA_F

ClientSampleId :

EO-02-062317-B

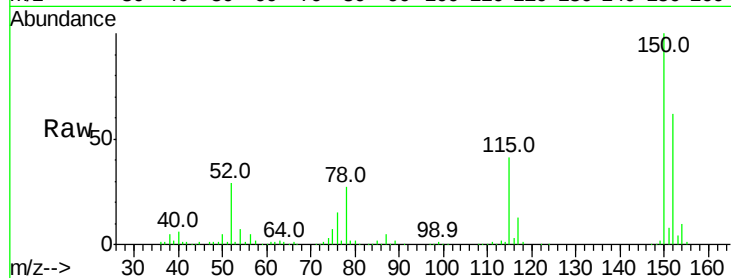
Tot Ion:152 Resp: 163336

Ion Ratio Lower Upper

152 100

150 161.8 126.2 189.2

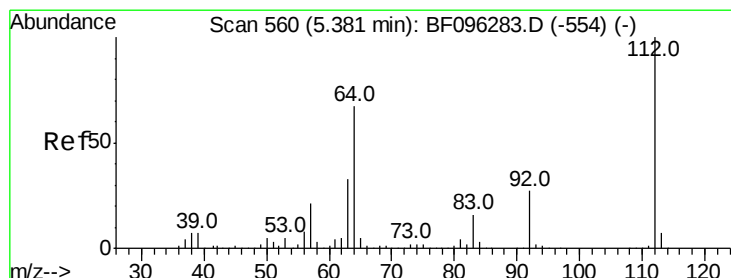
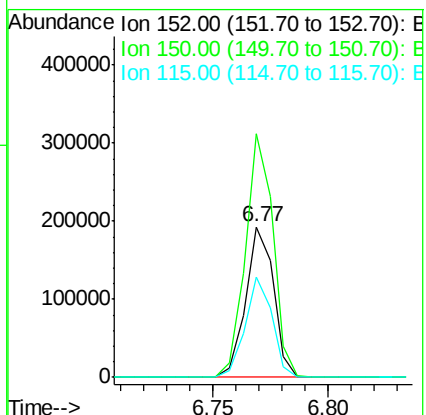
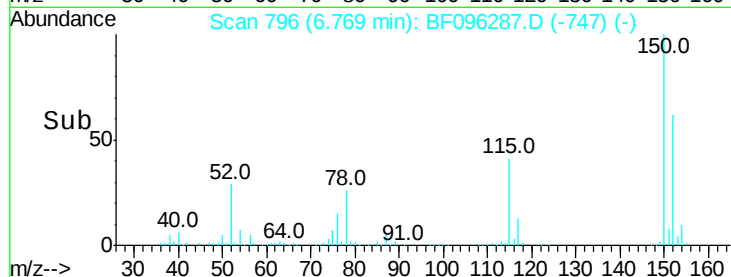
115 66.3 52.2 78.2



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: 82.31 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF096287.D

Acq: 29 Jun 2017 13:08

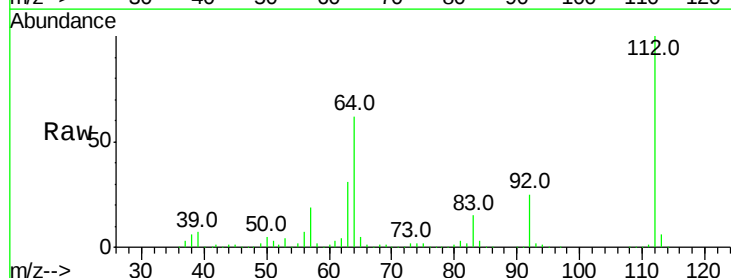
Tgt Ion:112 Resp: 933147

Ion Ratio Lower Upper

112 100

64 62.2 46.0 69.0

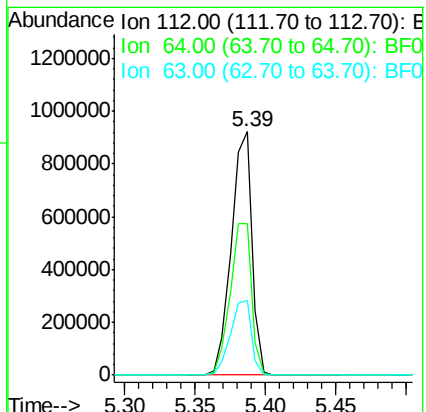
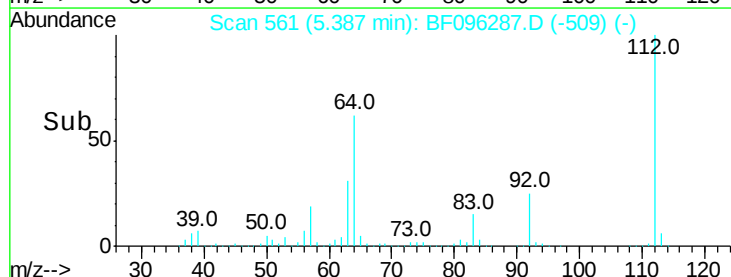
63 30.5 23.4 35.0

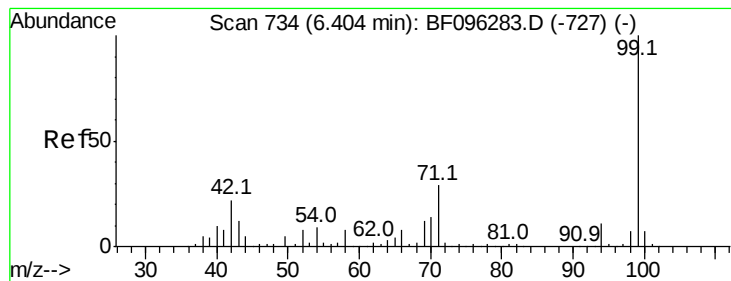


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 82.89 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096287.D

Acq: 29 Jun 2017 13:08

Instrument :

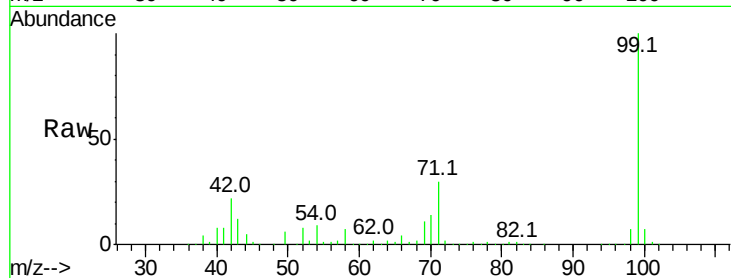
BNA_F

ClientSampleId :

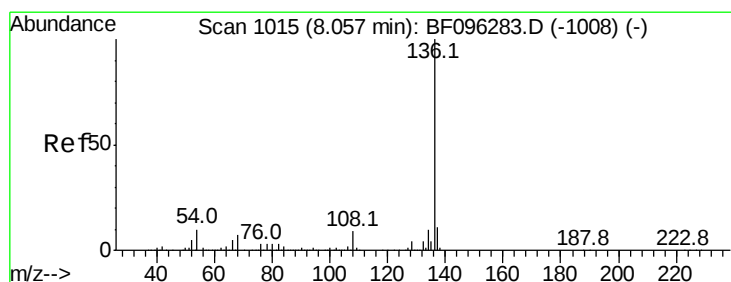
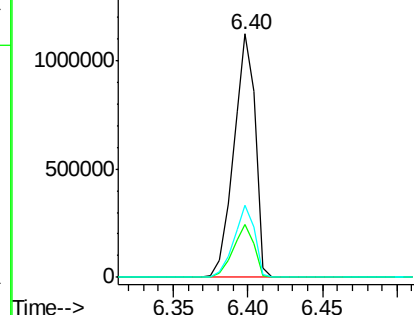
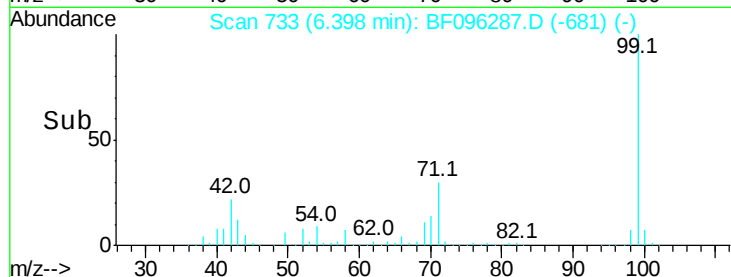
EO-02-062317-B

Tot Ion: 99 Resp: 1137978

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	29.7	24.5	36.7



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: 8.05 min Scan# 1014

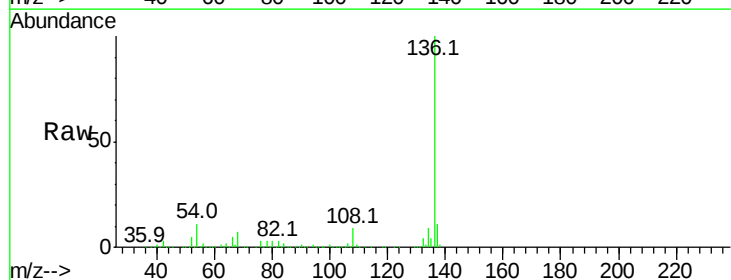
Delta R.T. -0.01 min

Lab File: BF096287.D

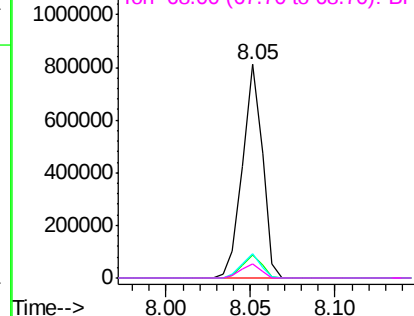
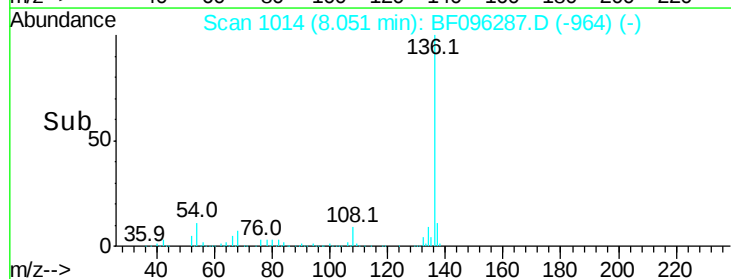
Acq: 29 Jun 2017 13:08

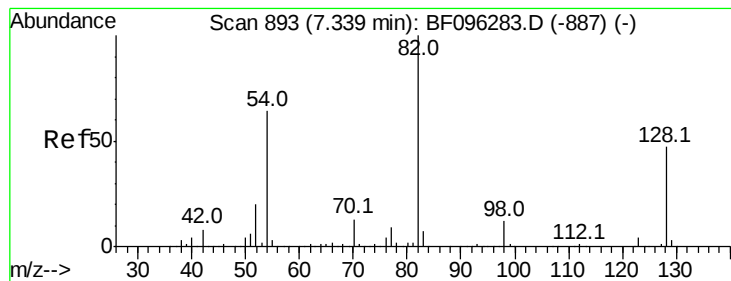
Tgt Ion: 136 Resp: 664021

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	11.1	4.9	7.3#
68	6.6	4.1	6.1#



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: 66.70 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.03 min

Lab File: BF096287.D

Acq: 29 Jun 2017 13:08

Instrument :

BNA_F

ClientSampleId :

EO-02-062317-B

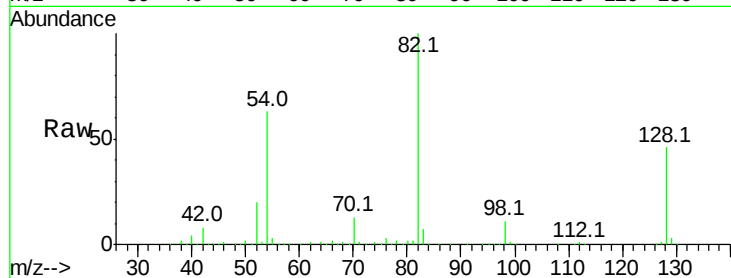
Tot Ion: 82 Resp: 639806

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

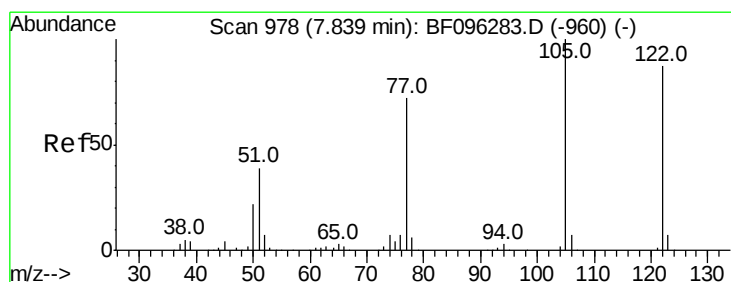
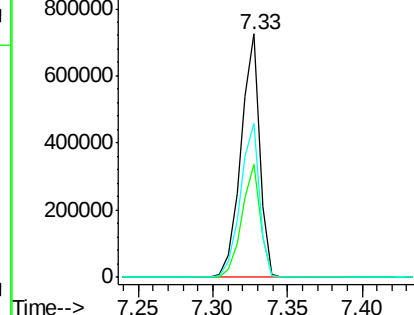
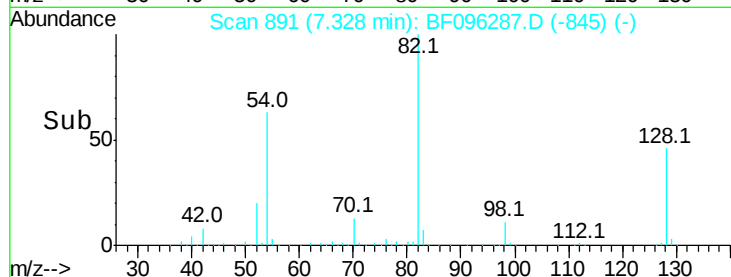
54 63.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#32

Benzoic acid

Concen: 11.19 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.13 min

Lab File: BF096287.D

Acq: 29 Jun 2017 13:08

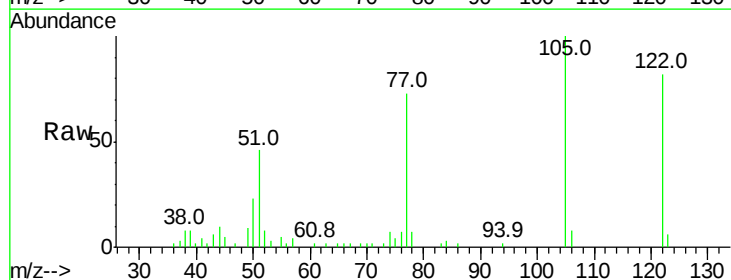
Tgt Ion: 122 Resp: 20510

Ion Ratio Lower Upper

122 100

105 122.2 103.3 143.3

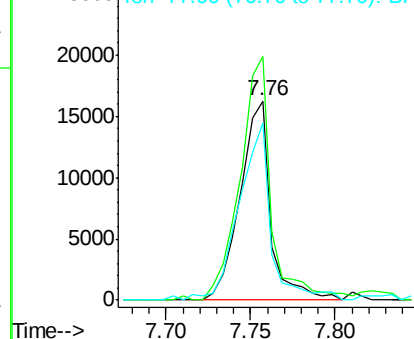
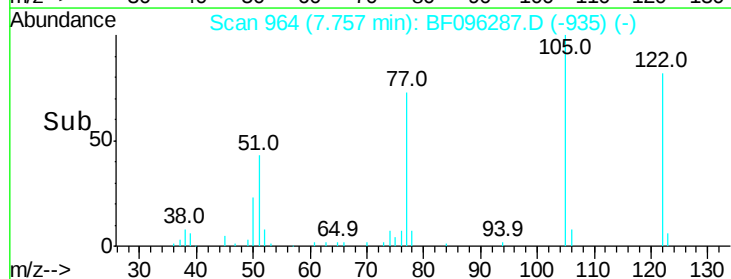
77 88.8 73.7 113.7

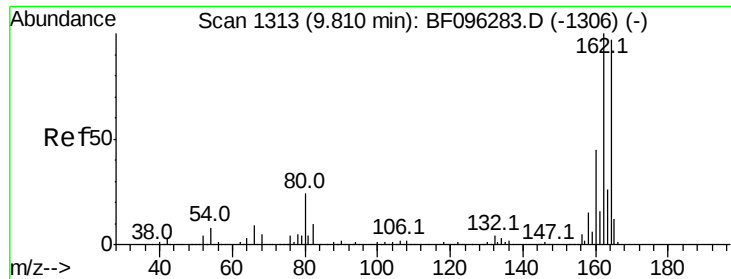


Abundance Ion 122.00 (121.70 to 122.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

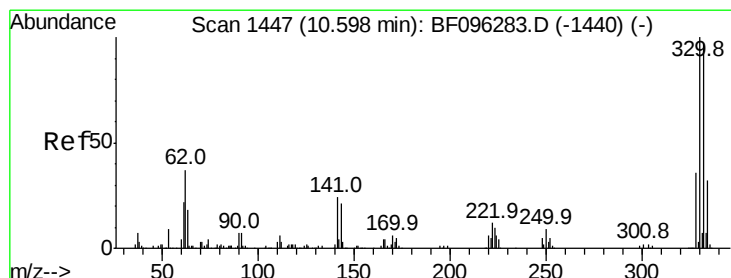
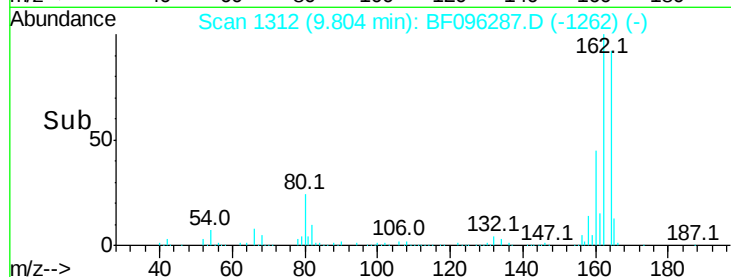
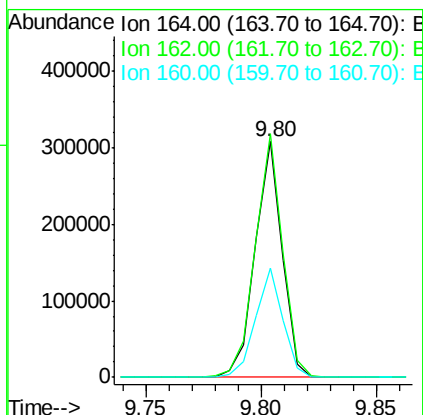
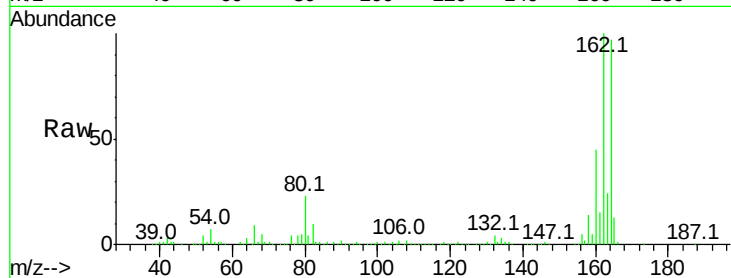




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF096287.D
 Acq: 29 Jun 2017 13:08

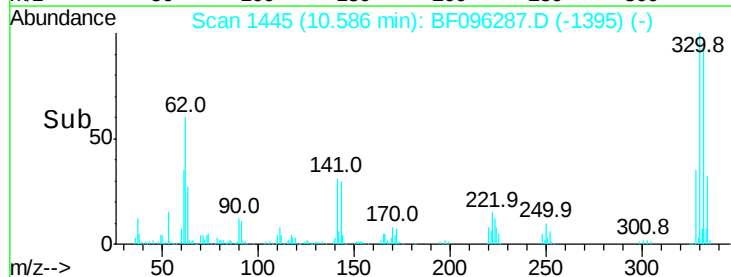
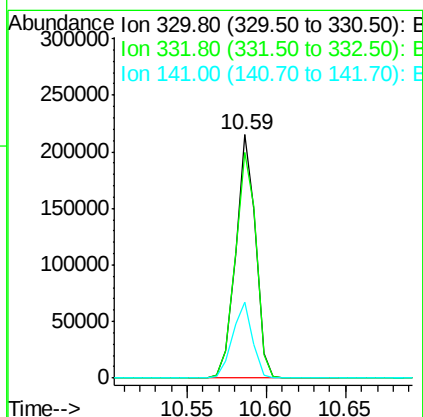
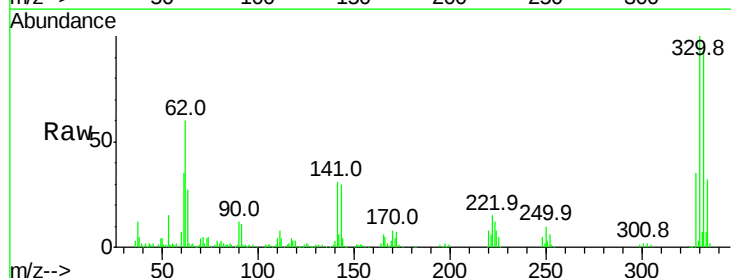
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-062317-B

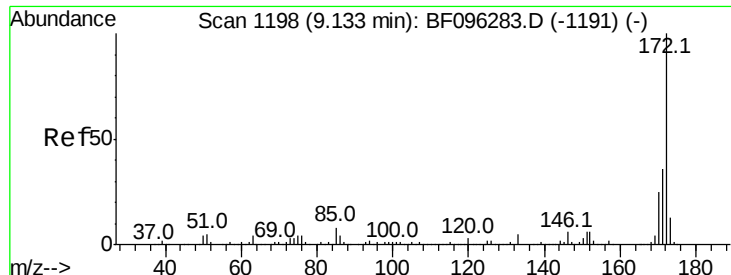
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	46.3	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 94.02 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF096287.D
 Acq: 29 Jun 2017 13:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	31.5	31.4	47.2

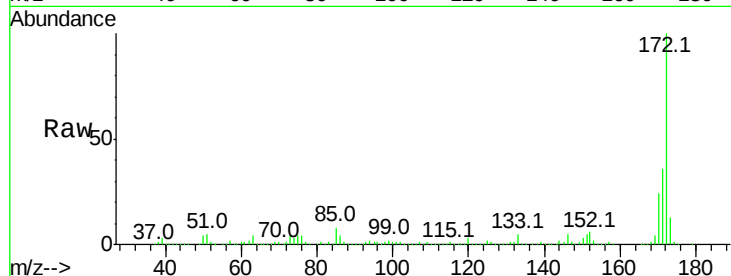




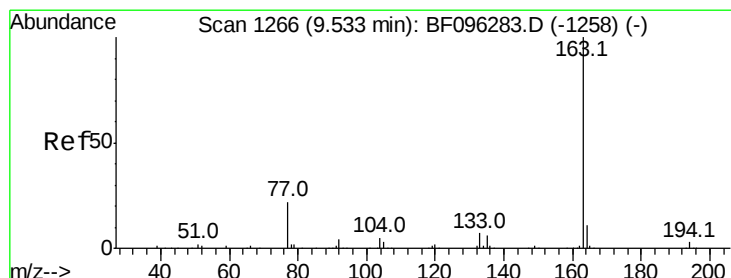
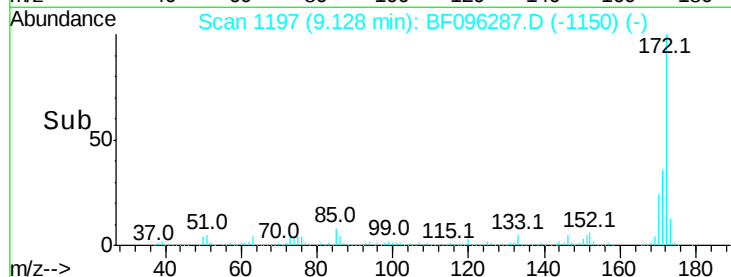
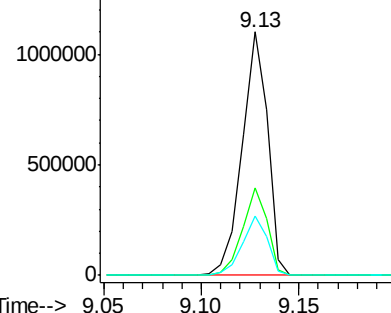
#44
2-Fluorobiphenyl
Concen: 72.42 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF096287.D
Acq: 29 Jun 2017 13:08

Instrument :
BNA_F
ClientSampleId :
EO-02-062317-B

Tot Ion:172 Resp: 996466
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.4 19.8 29.8

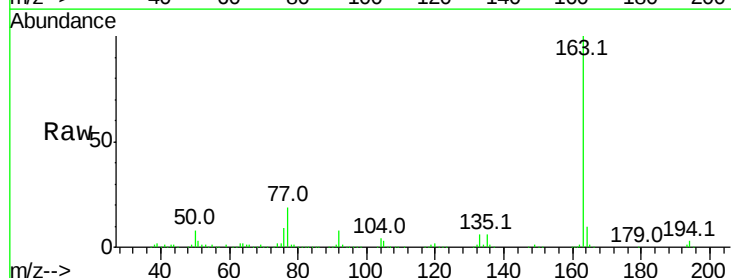


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

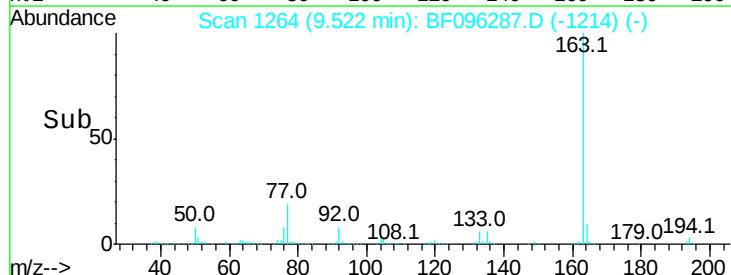
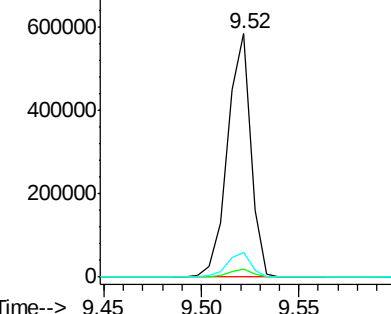


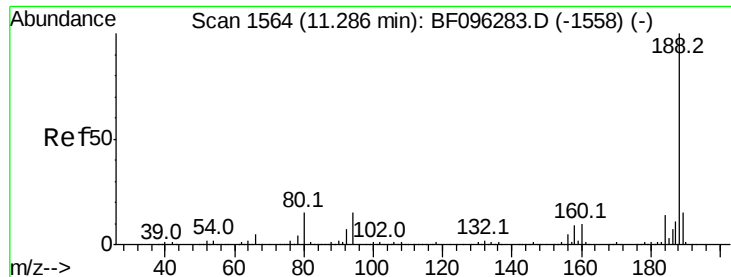
#49
Dimethylphthalate
Concen: 26.60 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096287.D
Acq: 29 Jun 2017 13:08

Tgt Ion:163 Resp: 479693
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.4 12.6



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

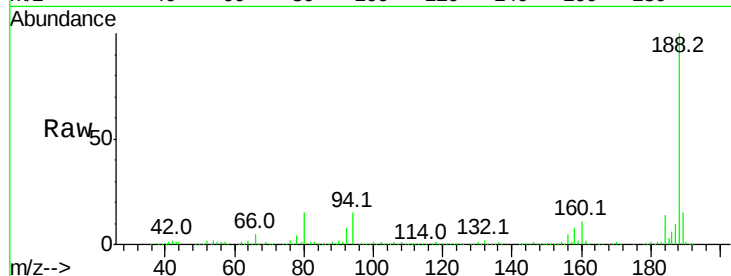




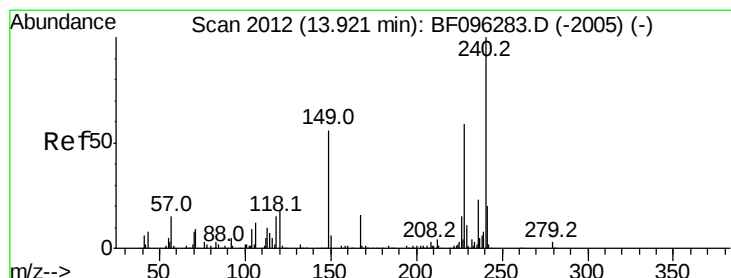
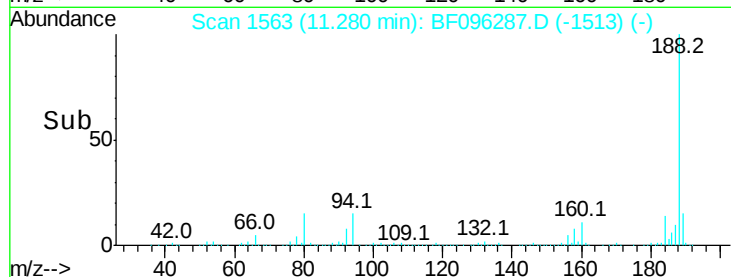
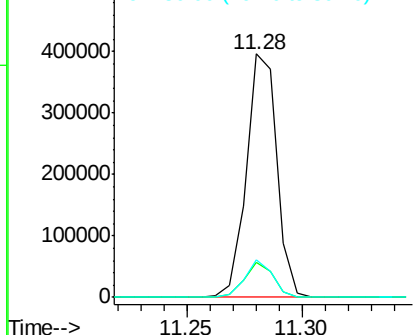
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF096287.D
Acq: 29 Jun 2017 13:08

Instrument :
BNA_F
ClientSampleId :
EO-02-062317-B

Tot Ion:188 Resp: 365945
Ion Ratio Lower Upper
188 100
94 14.6 9.4 14.2#
80 15.2 10.2 15.2

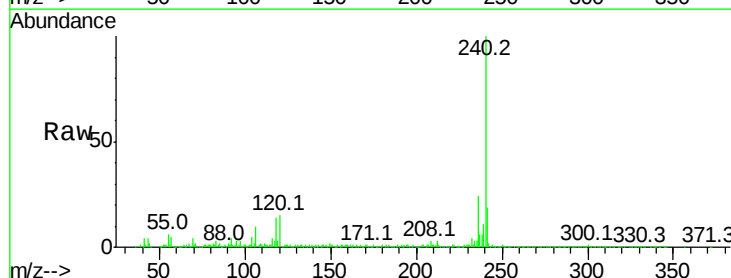


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

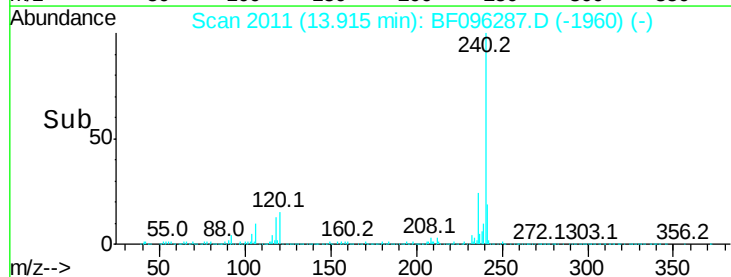
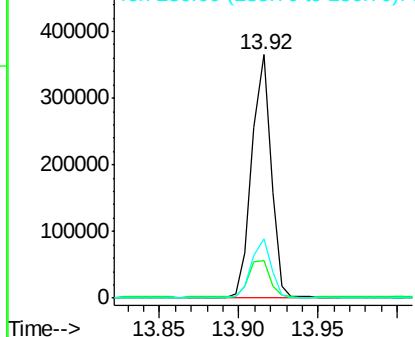


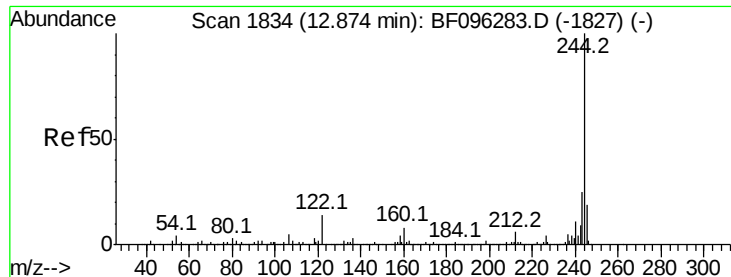
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF096287.D
Acq: 29 Jun 2017 13:08

Tgt Ion:240 Resp: 309714
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 24.1 20.5 30.7



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: 51.57 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096287.D

Acq: 29 Jun 2017 13:08

Instrument :

BNA_F

ClientSampleId :

EO-02-062317-B

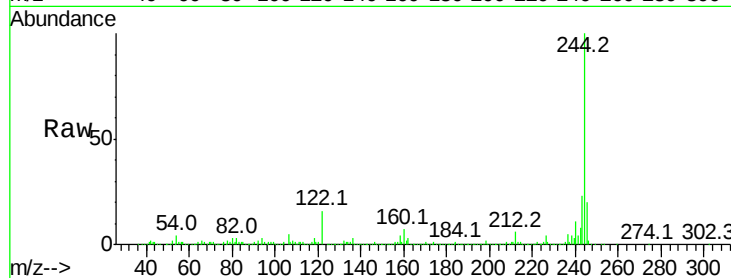
Tot Ion:244 Resp: 640081

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

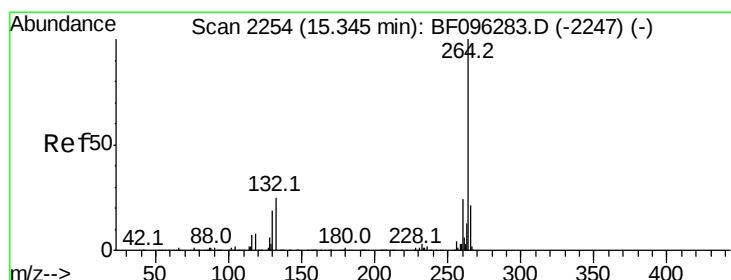
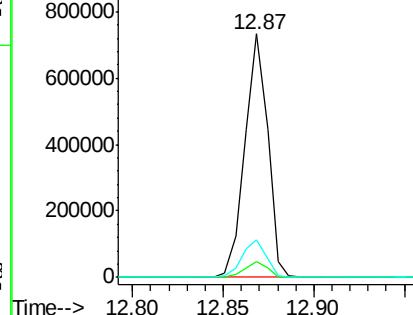
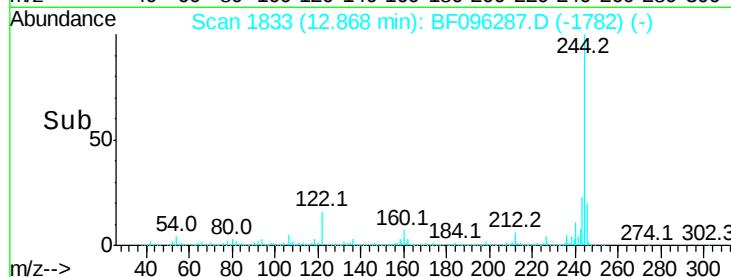
122 15.7 10.3 15.5#



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: 20.00 ng

RT: 15.34 min Scan# 2254

Delta R.T. 0.01 min

Lab File: BF096287.D

Acq: 29 Jun 2017 13:08

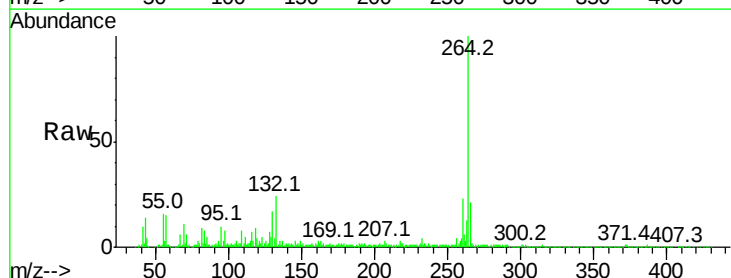
Tgt Ion:264 Resp: 237050

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.3 17.2 25.8



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

