

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114048.D
 Acq On : 30 Apr 2019 17:56
 Operator : JU/SJ
 Sample : K2194-11 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-F

Quant Time: May 01 05:39:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

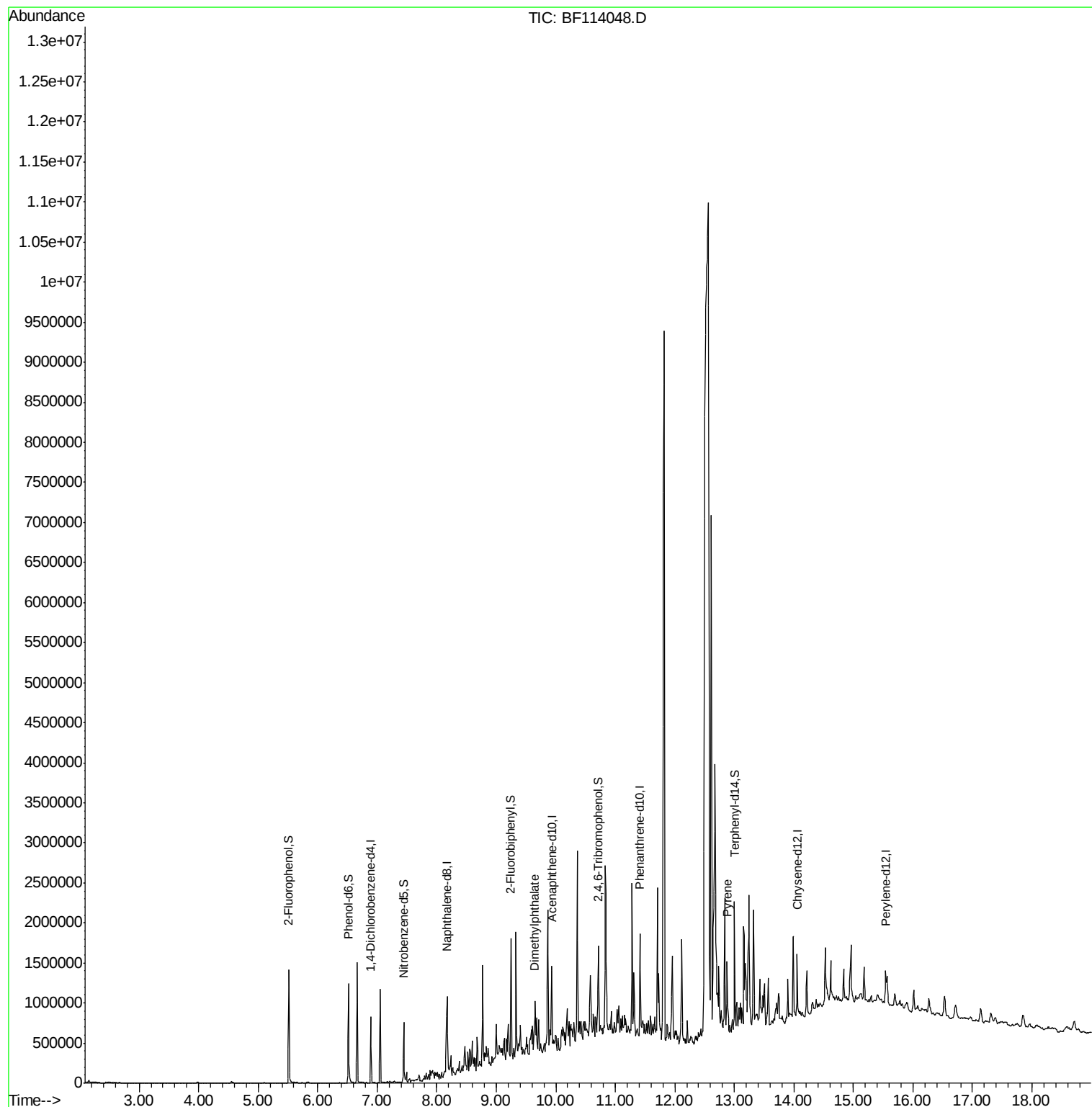
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	114080	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	410217	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	189719	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	427794	20.00	ng	0.00
76) Chrysene-d12	14.06	240	251274	20.00	ng	-0.01
87) Perylene-d12	15.54	264	199226	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	426687	63.97	ng	0.00
7) Phenol-d6	6.52	99	458207	54.76	ng	0.00
23) Nitrobenzene-d5	7.45	82	249320	37.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	145013	62.74	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	489366	40.34	ng	0.00
79) Terphenyl-d14	13.00	244	515347	42.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	68723	5.009	ng	Qvalue # 96
78) Pyrene	12.87	202	53814	3.062	ng	96

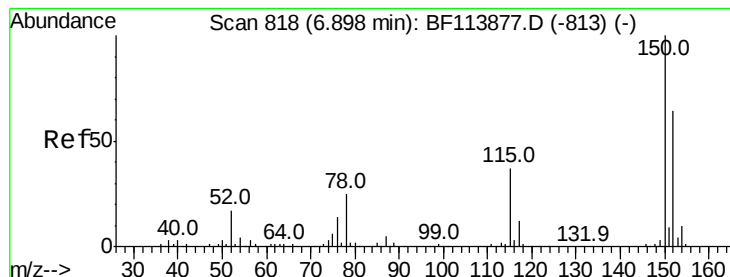
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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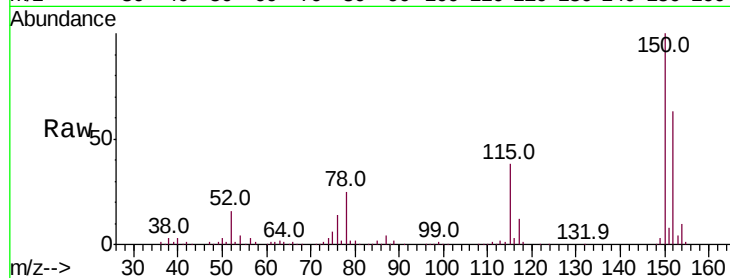


#1

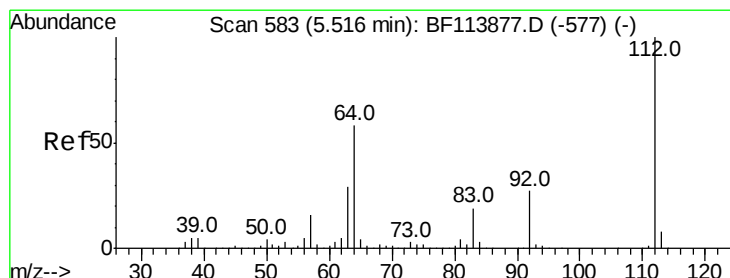
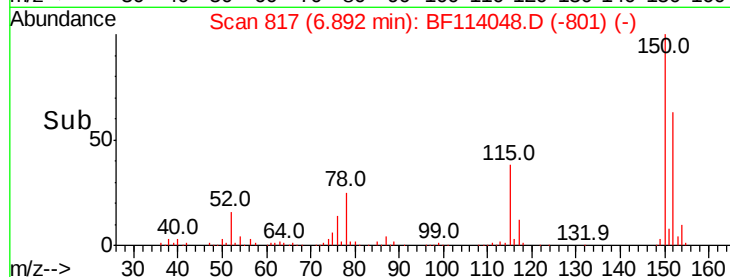
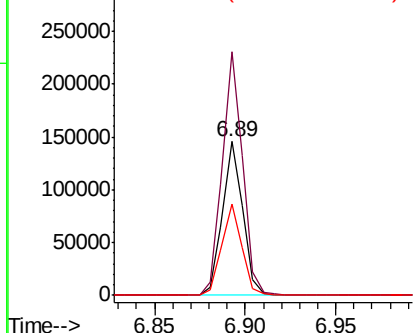
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114048.D
Acq: 30 Apr 2019 17:56

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-F

Tot Ion:152 Resp: 114080
Ion Ratio Lower Upper
152 100
150 158.4 125.9 188.9
115 59.8 45.9 68.9



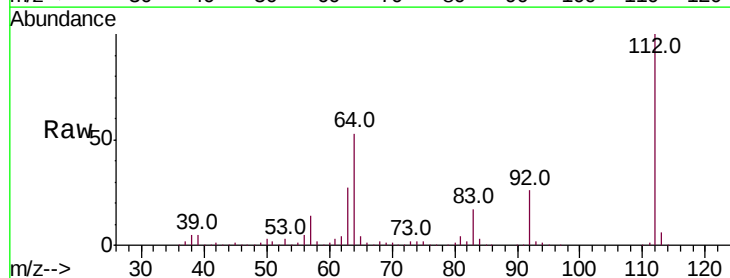
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



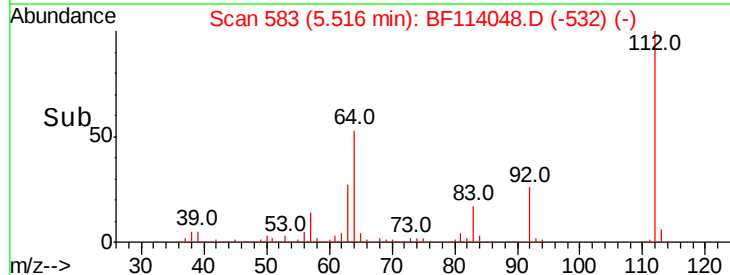
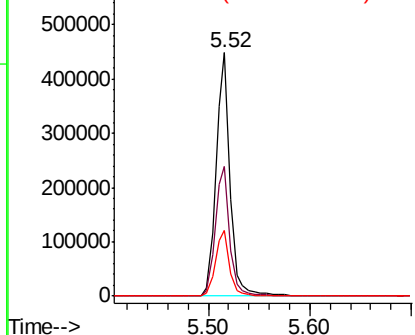
#5

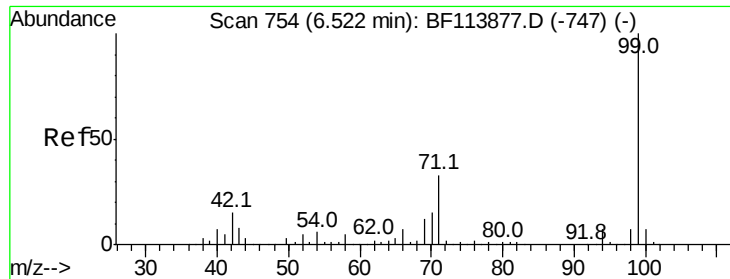
2-Fluorophenol
Concen: 63.971 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF114048.D
Acq: 30 Apr 2019 17:56

Tgt Ion:112 Resp: 426687
Ion Ratio Lower Upper
112 100
64 53.3 46.6 69.8
63 27.0 23.1 34.7



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: 54.755 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF114048.D

Acq: 30 Apr 2019 17:56

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-F

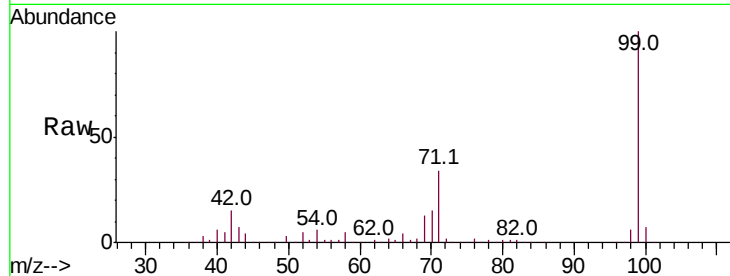
Tot Ion: 99 Resp: 458207

Ion Ratio Lower Upper

99 100

42 15.3 12.5 18.7

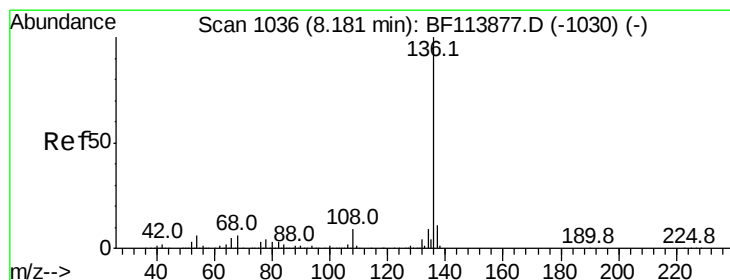
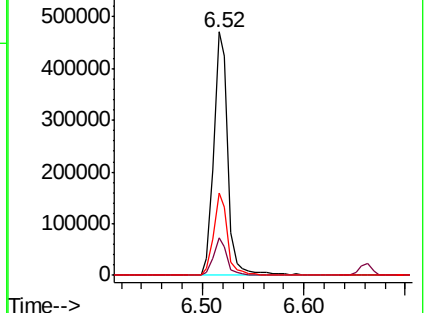
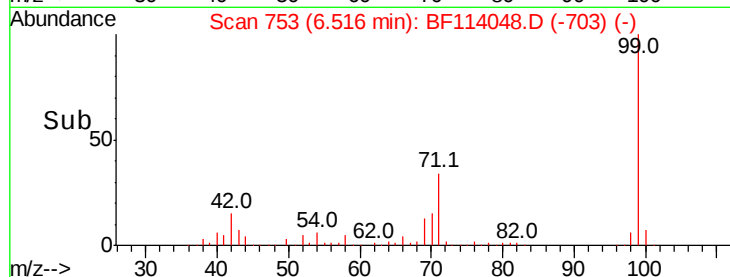
71 34.0 26.9 40.3



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114048.D

Acq: 30 Apr 2019 17:56

Tgt Ion: 136 Resp: 410217

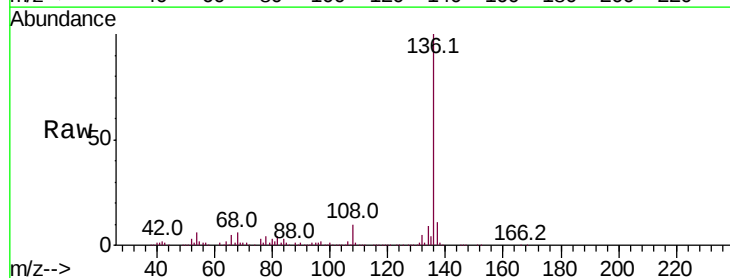
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 6.2 5.0 7.6

68 6.1 4.9 7.3

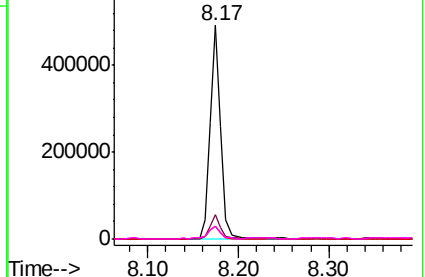
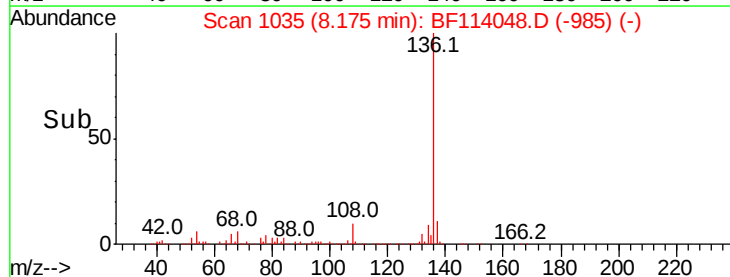


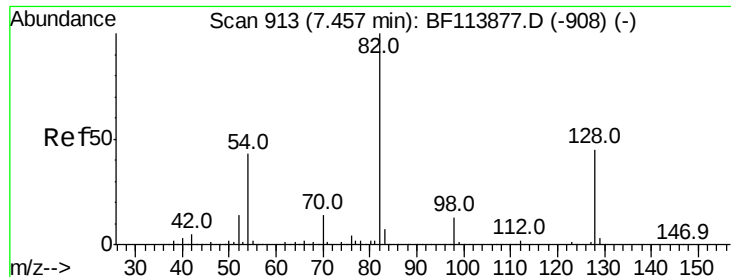
Abundance Ion 136.00 (135.70 to 136.70): E

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

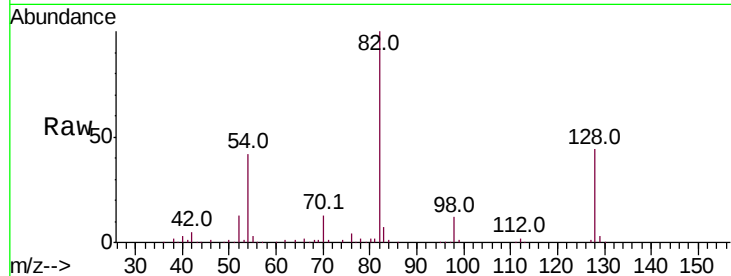




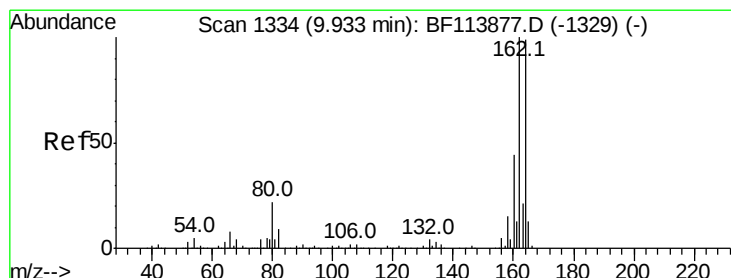
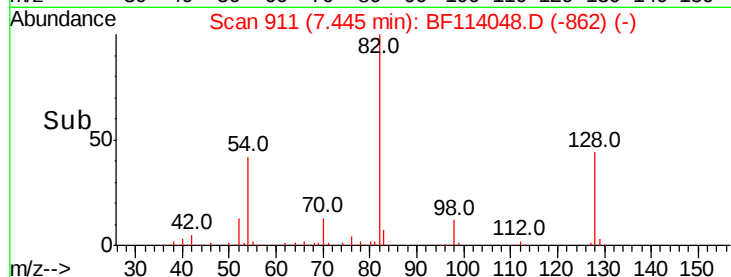
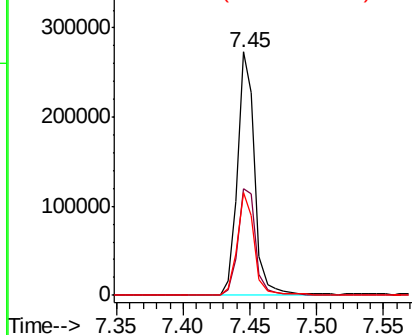
#23
 Nitrobenzene-d5
 Concen: 37.526 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF114048.D
 Acq: 30 Apr 2019 17:56

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-F

Tot Ion	82	Resp	249320
Ion Ratio	100	Lower	Upper
128	43.8	36.8	55.2
54	42.4	33.8	50.6

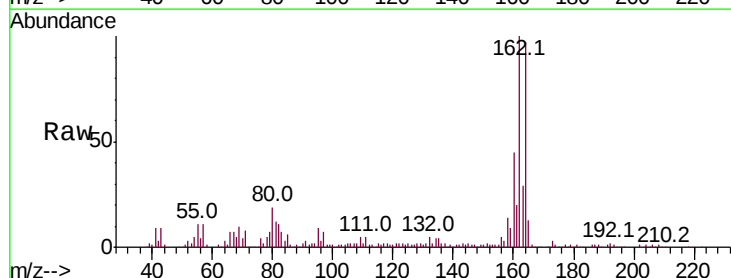


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

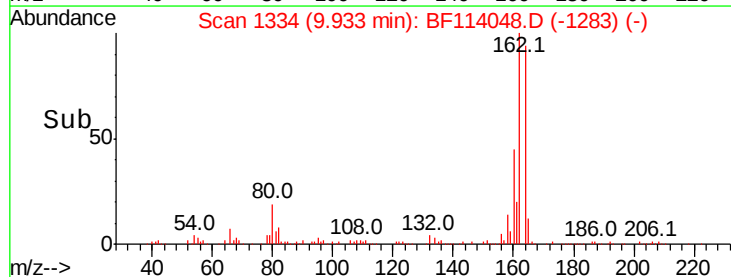
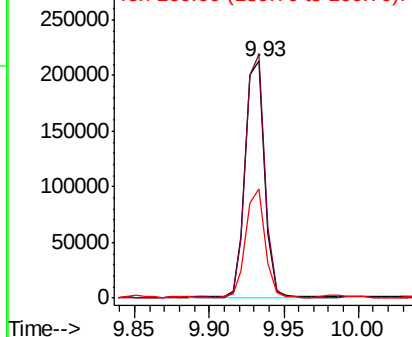


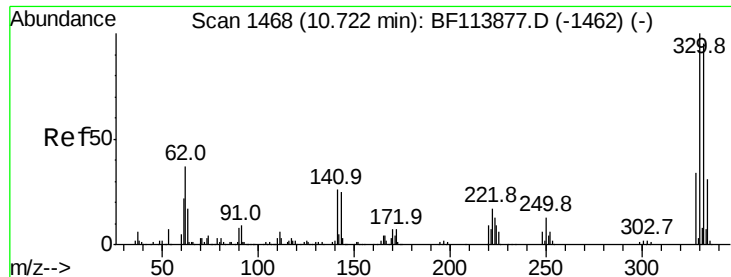
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF114048.D
 Acq: 30 Apr 2019 17:56

Tgt Ion	164	Resp	189719
Ion Ratio	100	Lower	Upper
162	102.7	81.1	121.7
160	46.1	35.8	53.6



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





#42

2,4,6-Tribromophenol

Concen: 62.745 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF114048.D

Acq: 30 Apr 2019 17:56

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-F

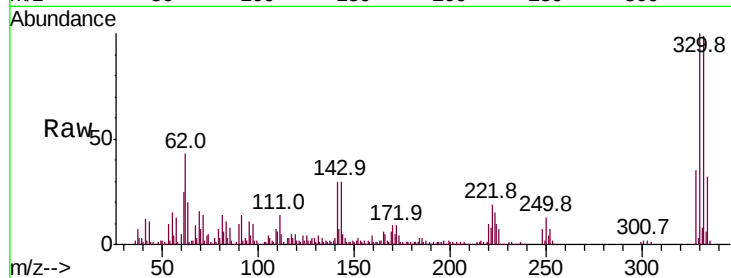
Tot Ion:330 Resp: 145013

Ion Ratio Lower Upper

330 100

332 97.1 77.5 116.3

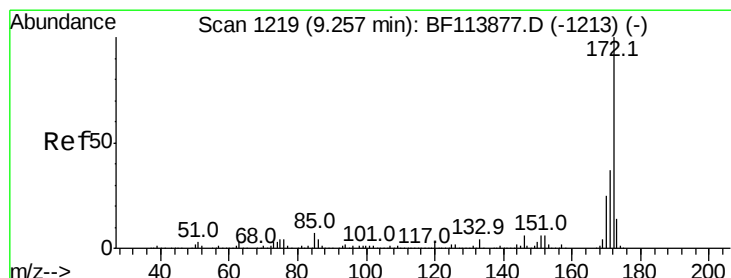
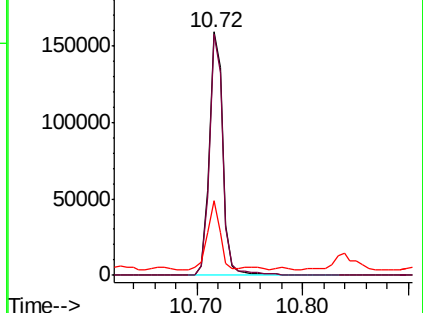
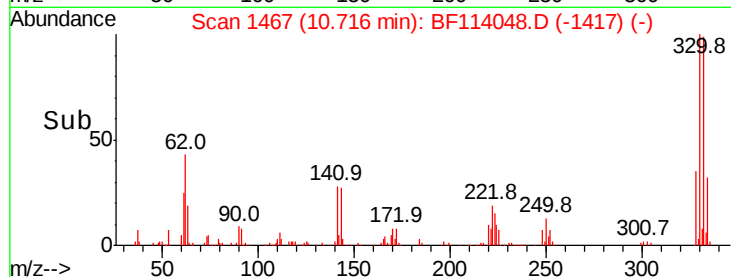
141 25.9 22.2 33.2



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



#45

2-Fluorobiphenyl

Concen: 40.343 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF114048.D

Acq: 30 Apr 2019 17:56

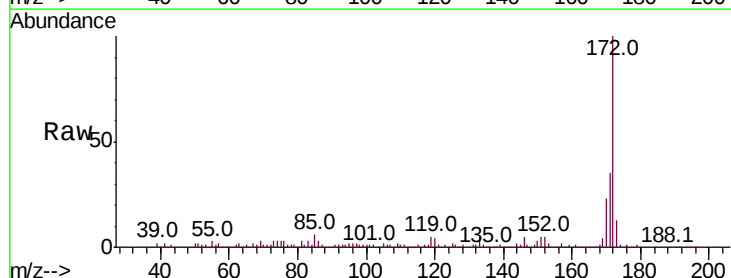
Tgt Ion:172 Resp: 489366

Ion Ratio Lower Upper

172 100

171 35.1 29.4 44.0

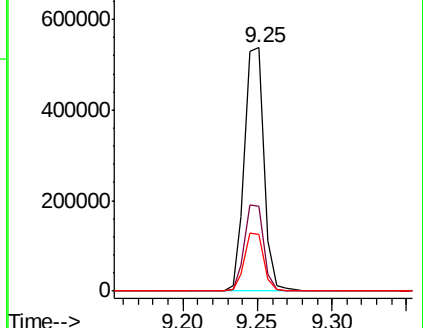
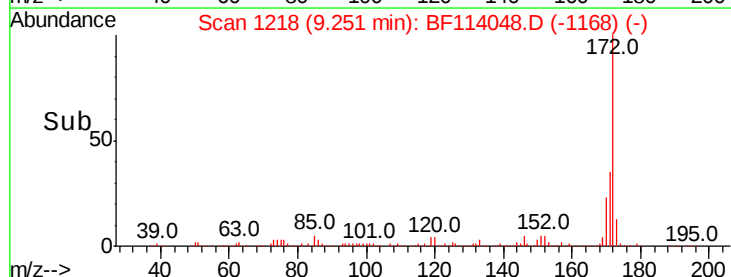
170 23.2 19.9 29.9

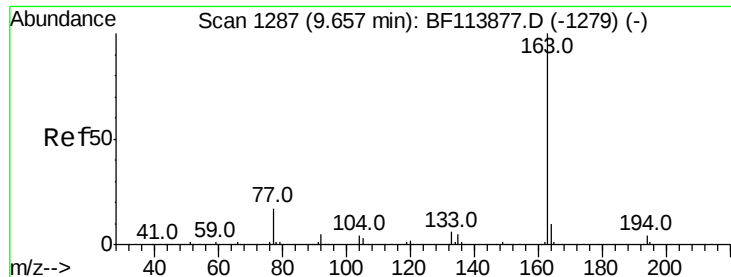


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.009 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF114048.D

Acq: 30 Apr 2019 17:56

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-F

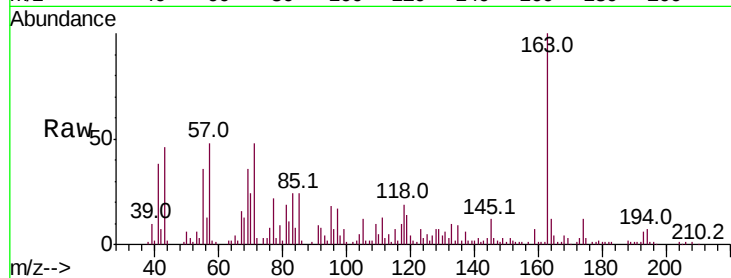
Tot Ion:163 Resp: 68723

Ion Ratio Lower Upper

163 100

194 6.6 3.4 5.2#

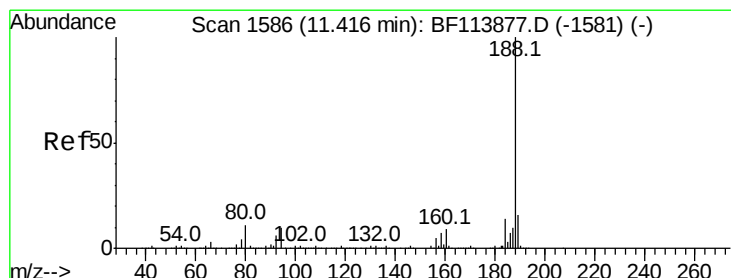
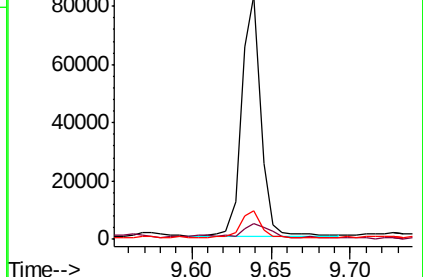
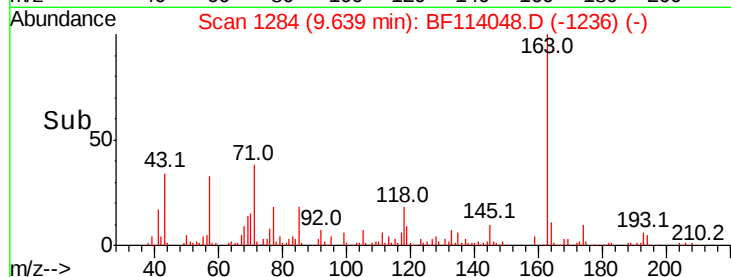
164 11.7 8.5 12.7



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF114048.D

Acq: 30 Apr 2019 17:56

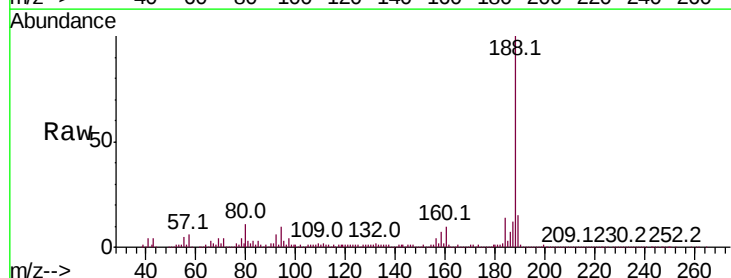
Tgt Ion:188 Resp: 427794

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

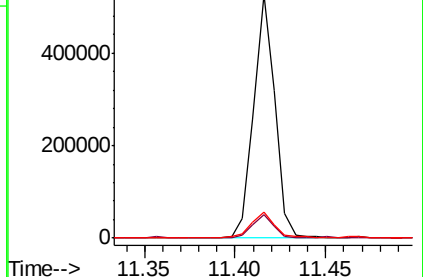
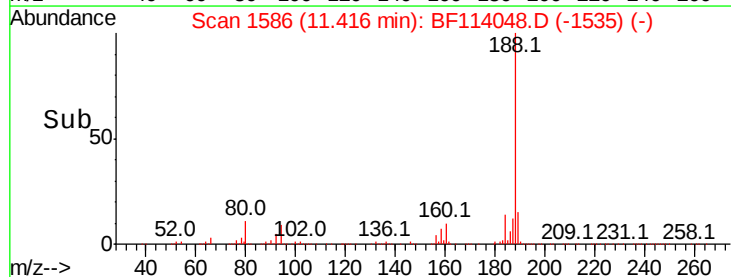
80 10.9 9.0 13.6

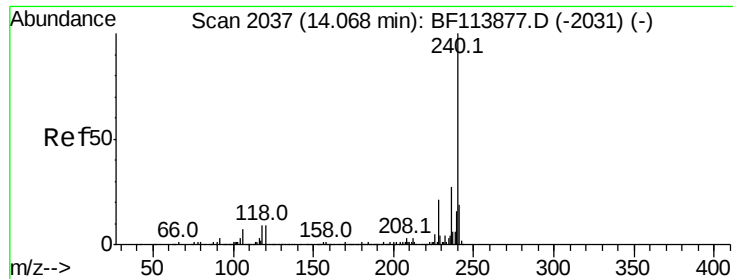


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

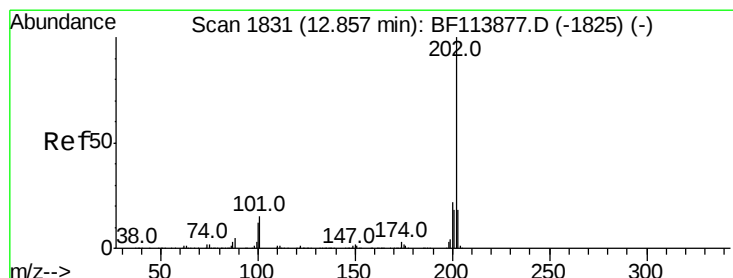
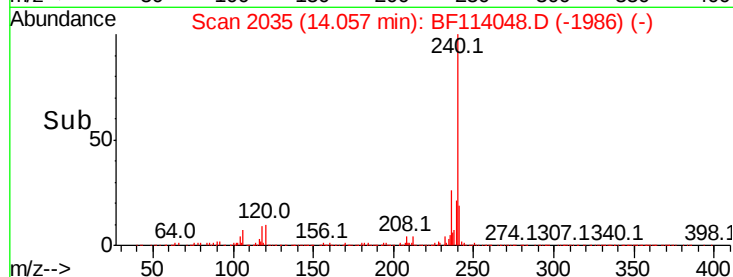
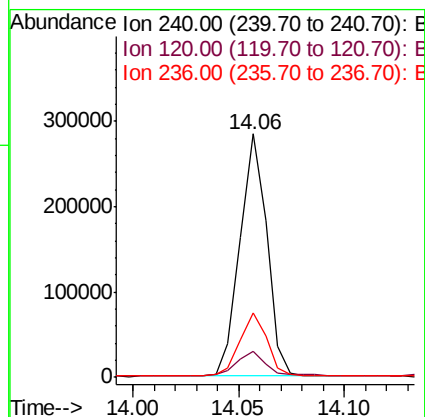
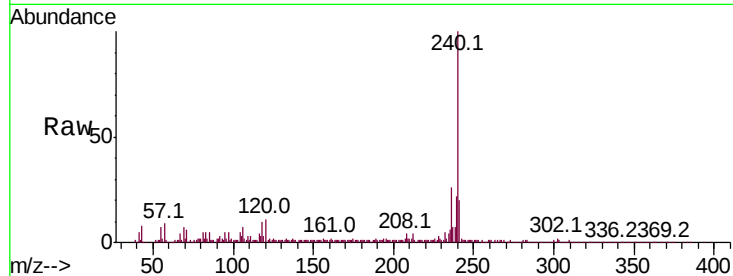




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF114048.D
Acq: 30 Apr 2019 17:56

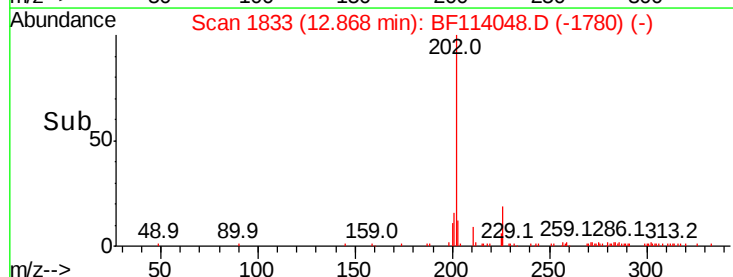
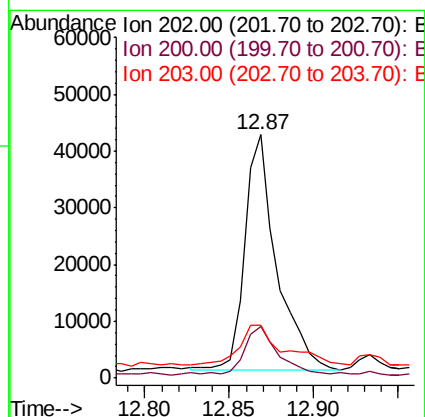
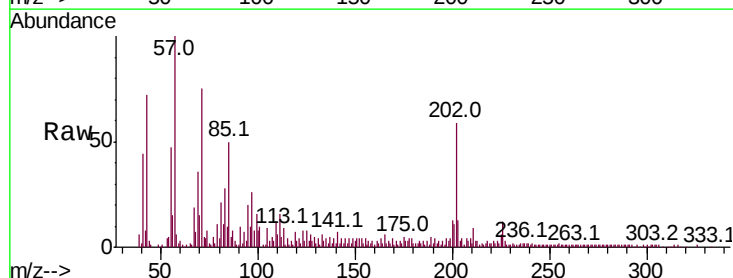
Instrument :
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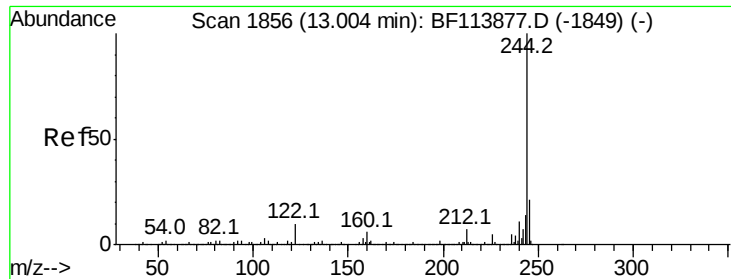
Tot Ion:240 Resp: 251274
Ion Ratio Lower Upper
240 100
120 10.8 9.3 13.9
236 26.5 21.2 31.8



#78
Pyrene
Concen: 3.062 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF114048.D
Acq: 30 Apr 2019 17:56

Tgt Ion:202 Resp: 53814
Ion Ratio Lower Upper
202 100
200 21.2 17.7 26.5
203 21.7 15.0 22.6

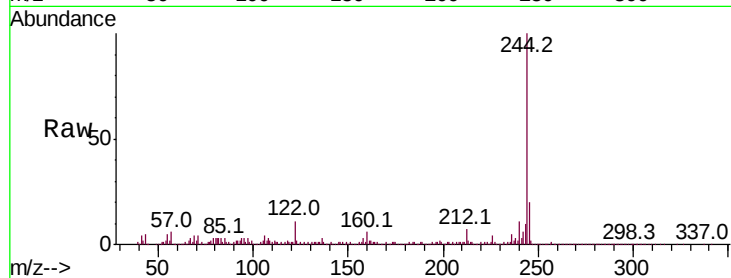




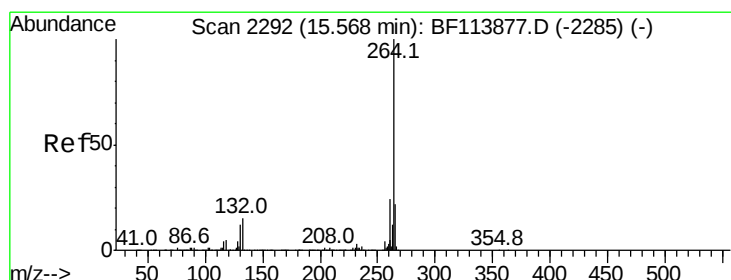
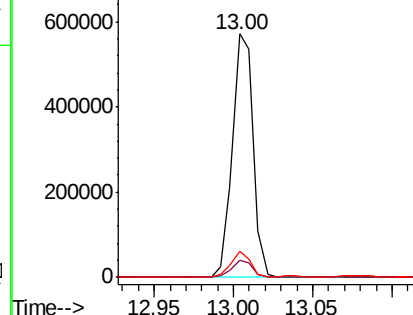
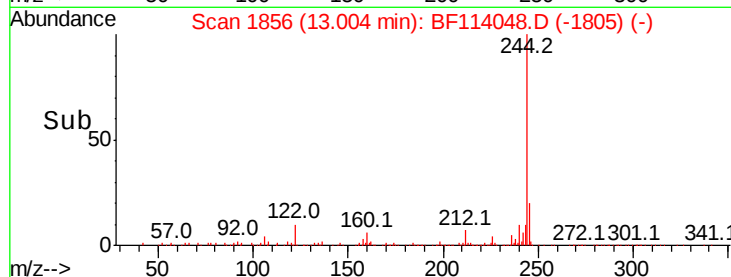
#79
 Terphenyl-d14
 Concen: 42.047 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: BF114048.D
 Acq: 30 Apr 2019 17:56

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-F

Tot Ion:244 Resp: 515347
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 10.9 7.6 11.4

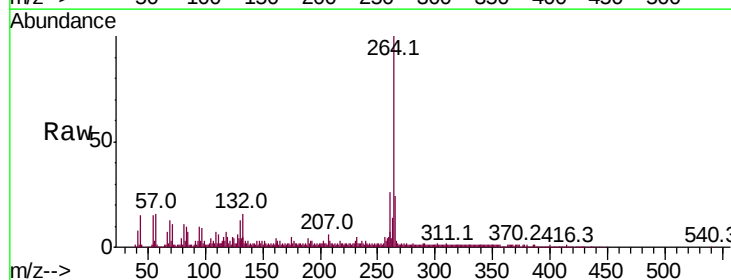


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.02 min
 Lab File: BF114048.D
 Acq: 30 Apr 2019 17:56

Tgt Ion:264 Resp: 199226
 Ion Ratio Lower Upper
 264 100
 260 25.8 18.9 28.3
 265 23.7 17.3 25.9



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

