

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
 Data File : BF112600.D
 Acq On : 18 Feb 2019 14:52
 Operator : JU/SJ
 Sample : K1508-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-13-S

Quant Time: Feb 18 16:25:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

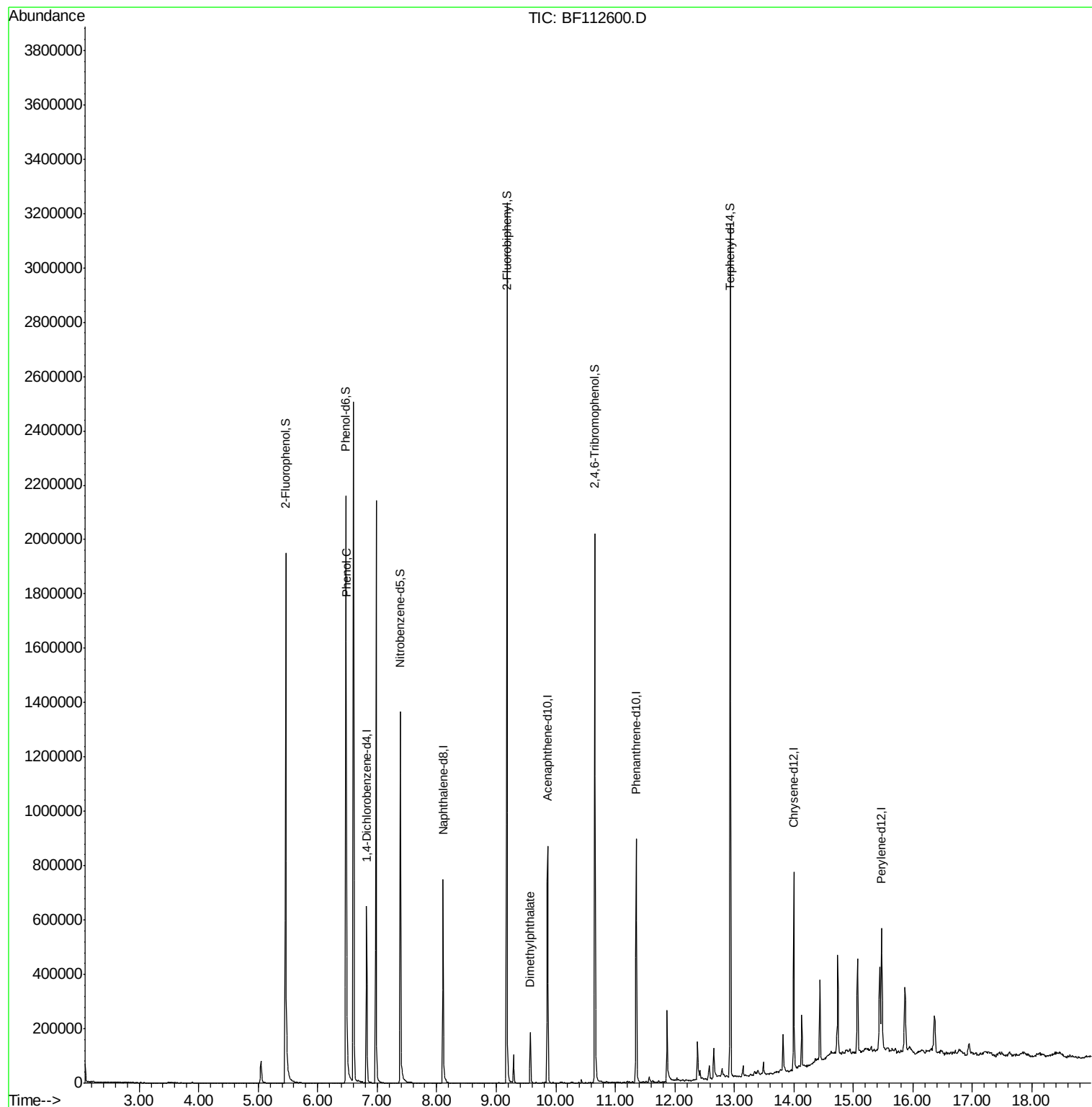
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	96377	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	374675	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	181262	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	332883	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	236786	20.00	ng	-0.01
87) Perylene-d12	15.47	264	214722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	636690	140.32	ng	-0.02
7) Phenol-d6	6.47	99	795781	126.22	ng	-0.02
23) Nitrobenzene-d5	7.39	82	507354	78.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	250597	118.78	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	998786	77.93	ng	-0.02
79) Terphenyl-d14	12.93	244	952411	75.76	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	24664	3.566	ng	88
50) Dimethylphthalate	9.57	163	89658	6.366	ng	97

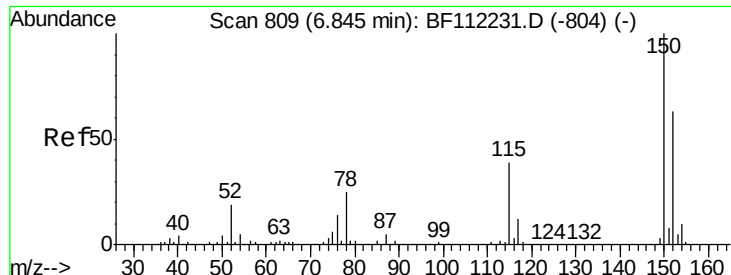
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF112600.D

Acq: 18 Feb 2019 14:52

Instrument :

BNA_F

ClientSampleId :

M-13-S

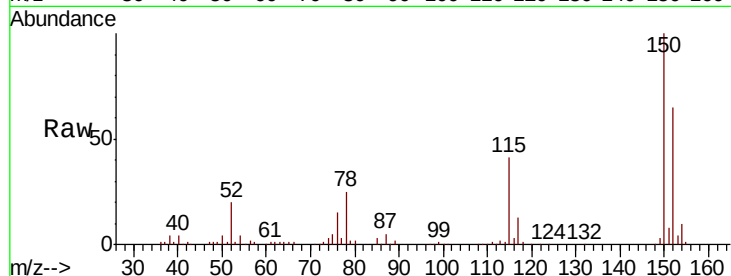
Tot Ion:152 Resp: 96377

Ion Ratio Lower Upper

152 100

150 154.7 127.4 191.0

115 63.0 45.5 68.3

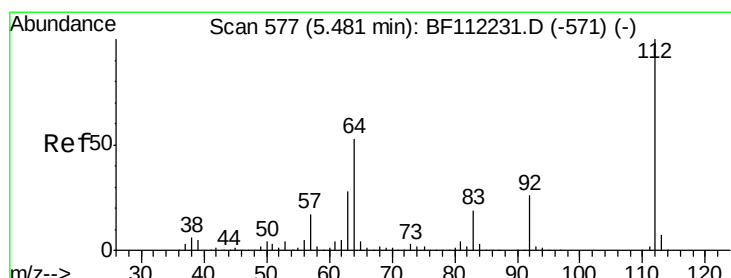
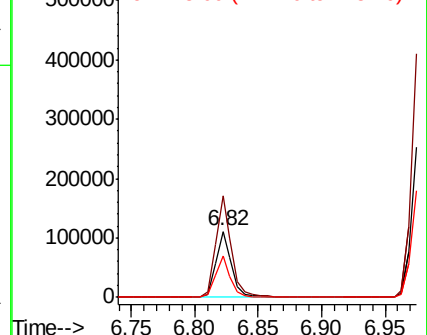
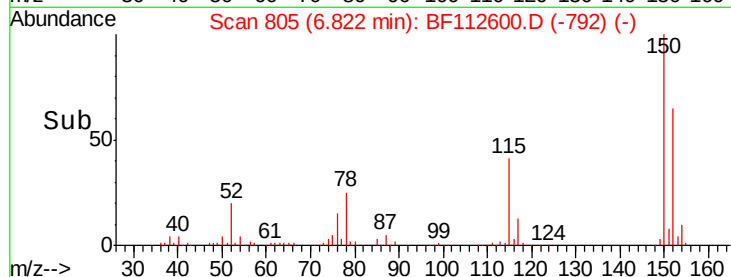


Abundance

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: 140.321 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF112600.D

Acq: 18 Feb 2019 14:52

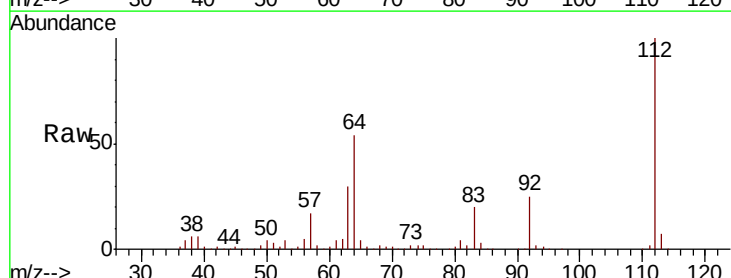
Tgt Ion:112 Resp: 636690

Ion Ratio Lower Upper

112 100

64 54.0 45.7 68.5

63 29.8 23.6 35.4

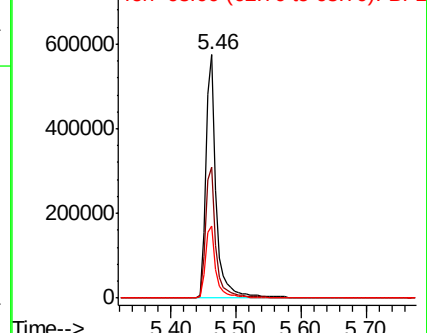
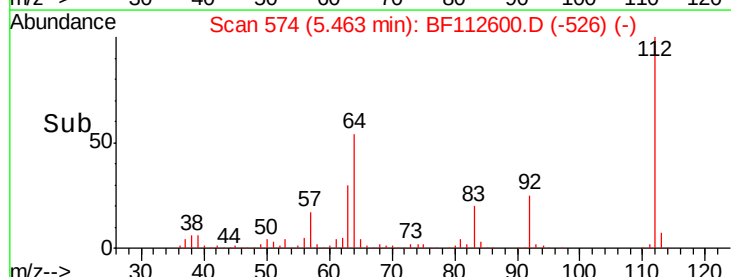


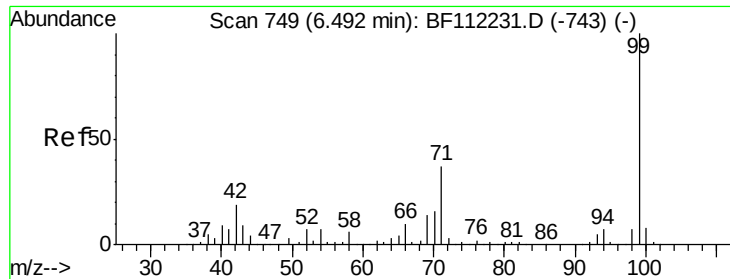
Abundance

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: 126.216 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112600.D

Acq: 18 Feb 2019 14:52

Instrument :

BNA_F

ClientSampled :

M-13-S

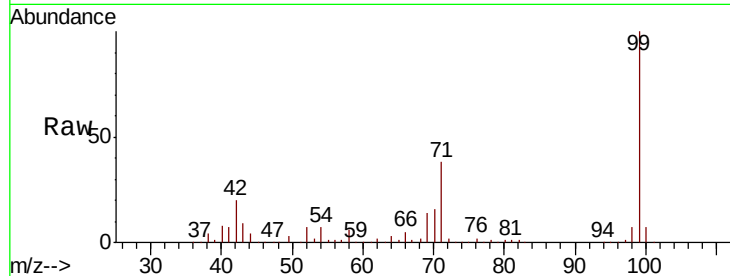
Tot Ion: 99 Resp: 795781

Ion Ratio Lower Upper

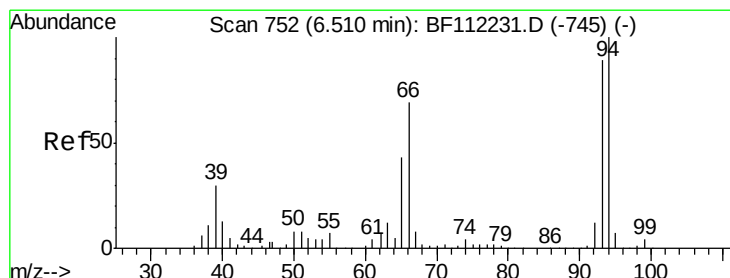
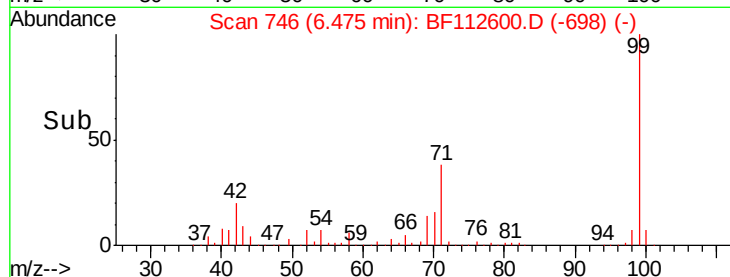
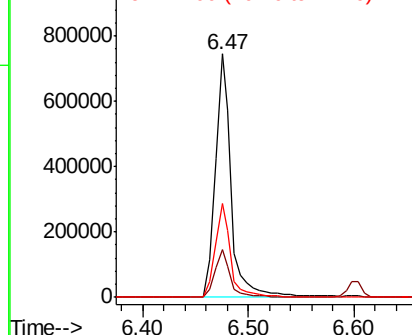
99 100

42 19.8 15.1 22.7

71 38.5 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



#10

Phenol

Concen: 3.566 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112600.D

Acq: 18 Feb 2019 14:52

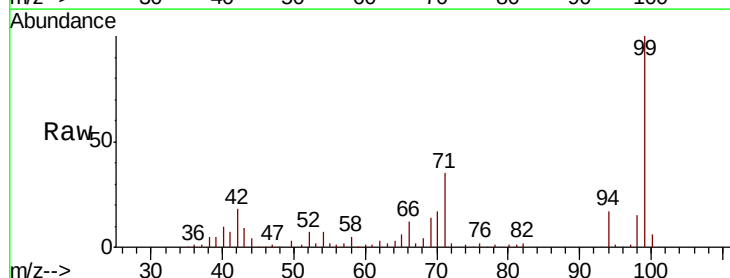
Tgt Ion: 94 Resp: 24664

Ion Ratio Lower Upper

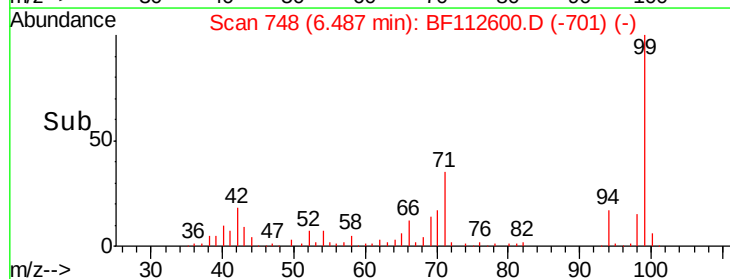
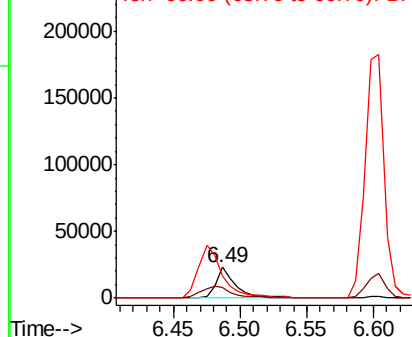
94 100

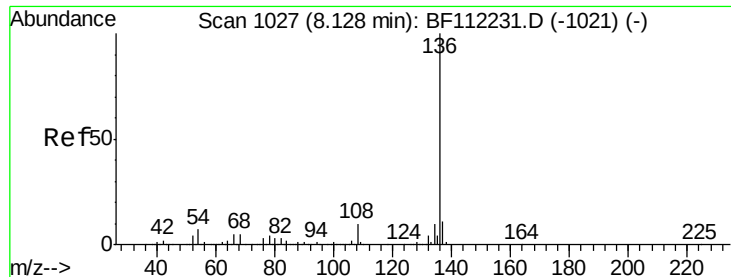
65 35.1 20.3 60.3

66 72.9 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF112600.D

Acq: 18 Feb 2019 14:52

Instrument :

BNA_F

ClientSampleId :

M-13-S

Tot Ion:136 Resp: 374675

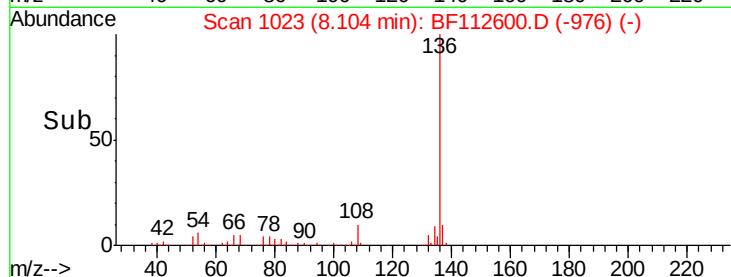
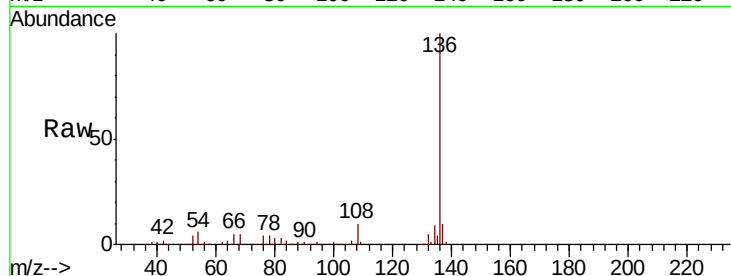
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 6.3 5.9 8.9

68 4.7 5.1 7.7#

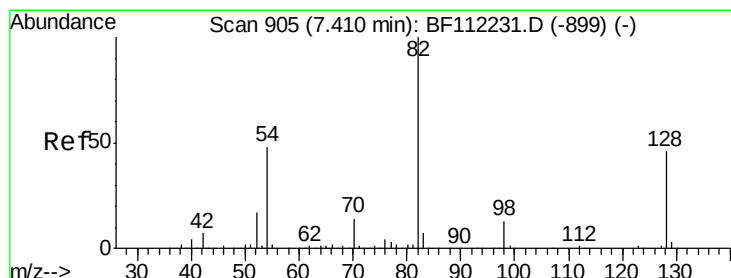
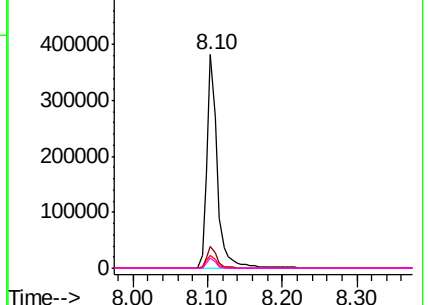


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.024 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF112600.D

Acq: 18 Feb 2019 14:52

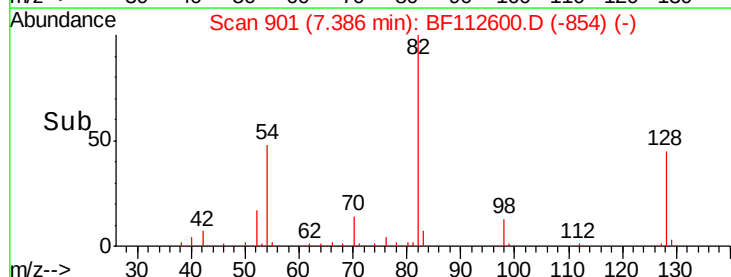
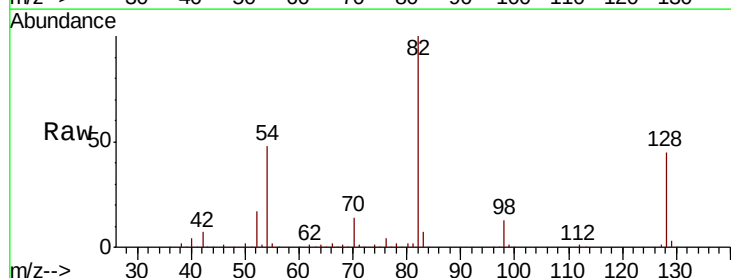
Tgt Ion: 82 Resp: 507354

Ion Ratio Lower Upper

82 100

128 44.5 37.8 56.8

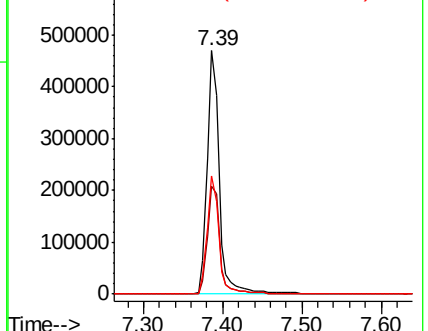
54 48.3 39.7 59.5

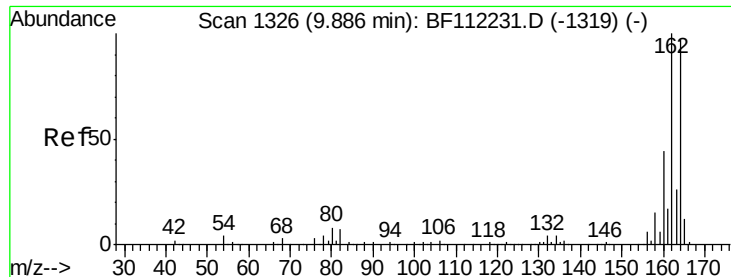


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.86 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF112600.D

Acq: 18 Feb 2019 14:52

Instrument :

BNA_F

ClientSampled :

M-13-S

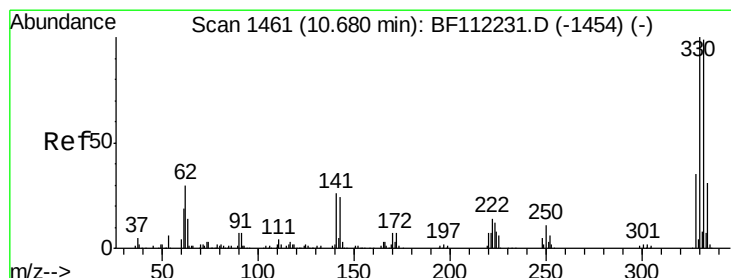
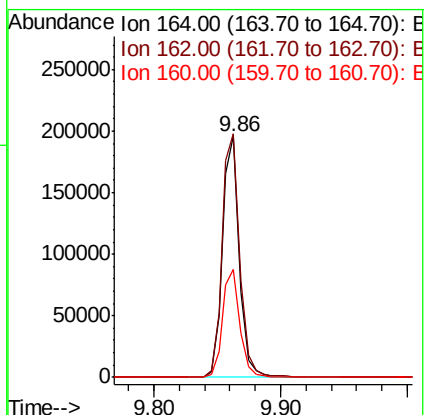
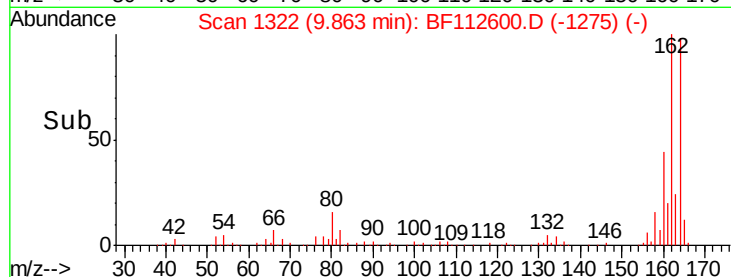
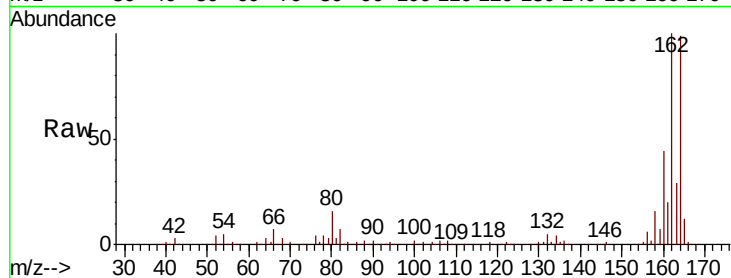
Tot Ion:164 Resp: 181262

Ion Ratio Lower Upper

164 100

162 101.0 82.2 123.4

160 44.6 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 118.775 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF112600.D

Acq: 18 Feb 2019 14:52

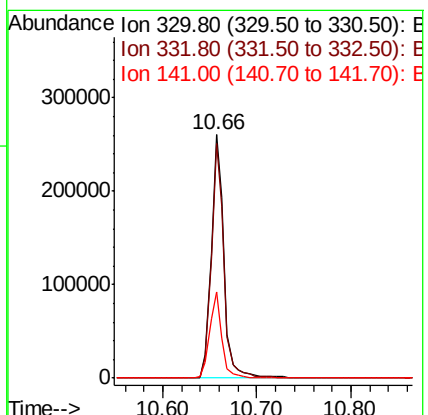
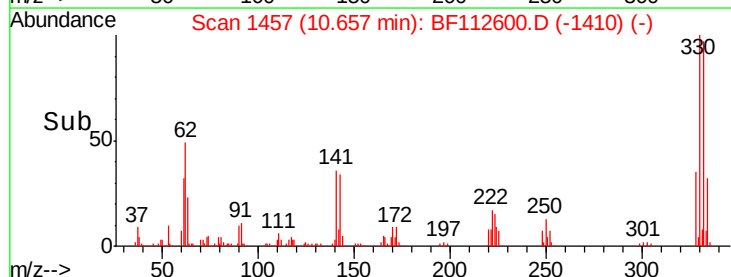
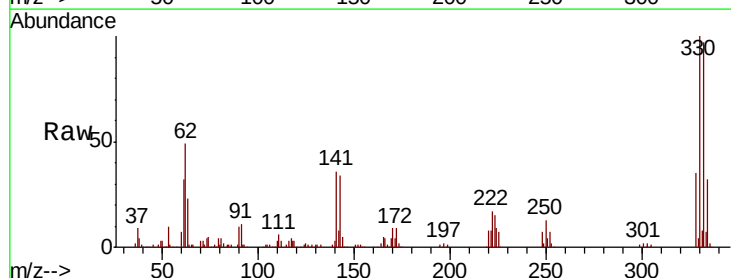
Tgt Ion:330 Resp: 250597

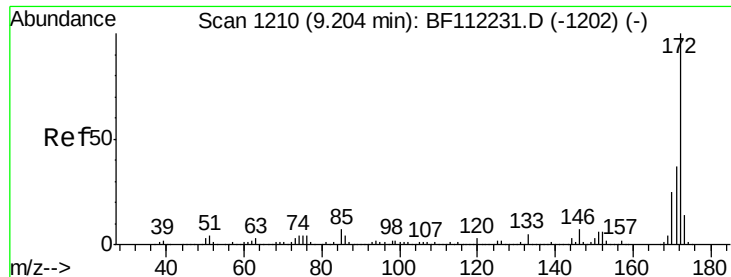
Ion Ratio Lower Upper

330 100

332 95.5 76.6 114.8

141 34.2 24.3 36.5

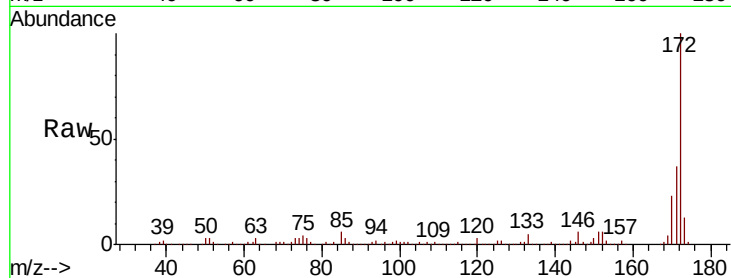




#45
2-Fluorobiphenyl
Concen: 77.932 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF112600.D
Acq: 18 Feb 2019 14:52

Instrument :
BNA_F
ClientSampleId :
M-13-S

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	23.4	20.2	30.4

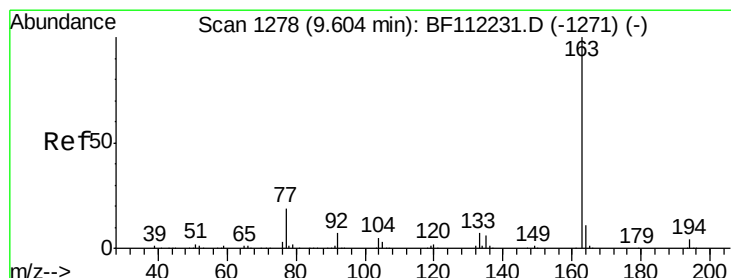
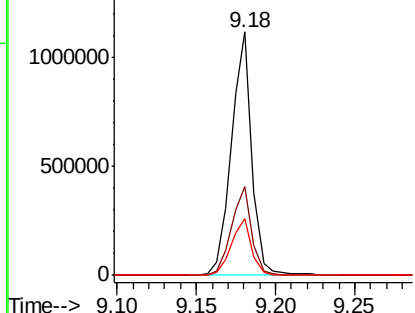
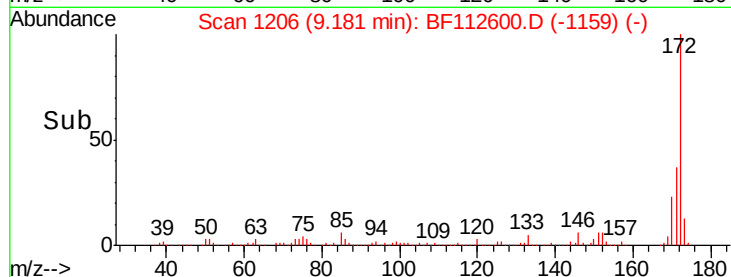


Abundance

Ion 172.00 (171.70 to 172.70): E

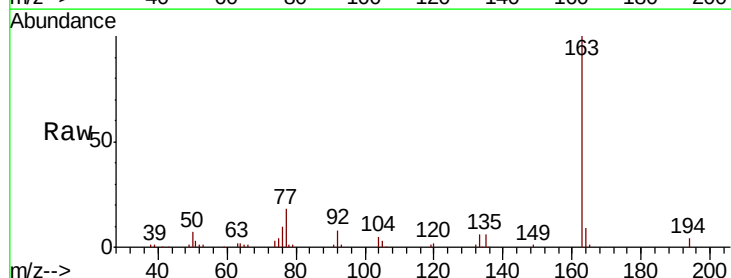
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 6.366 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF112600.D
Acq: 18 Feb 2019 14:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	9.4	8.5	12.7

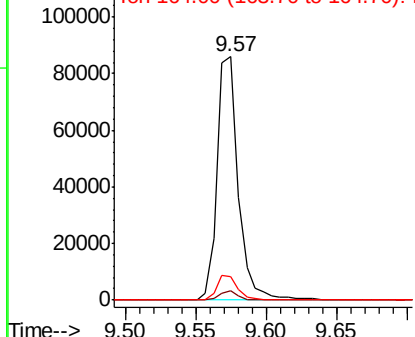
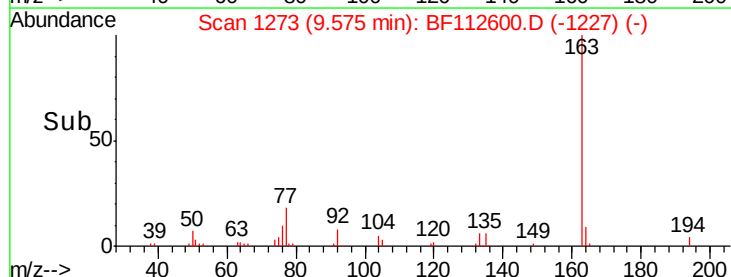


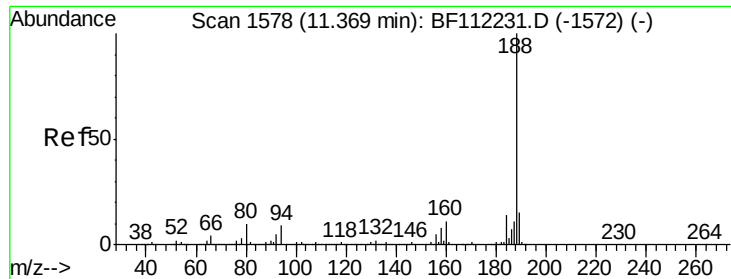
Abundance

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

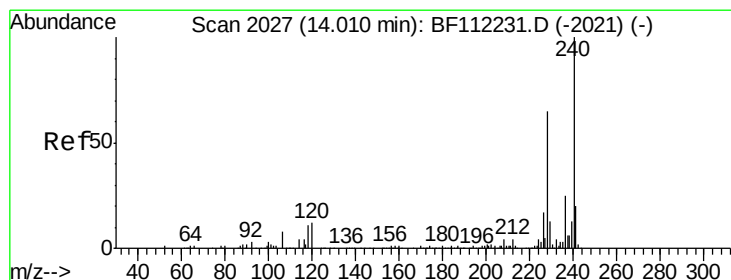
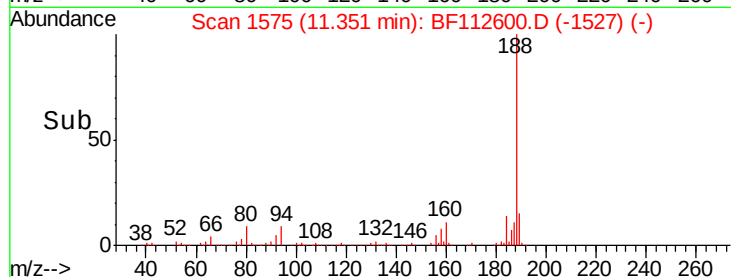
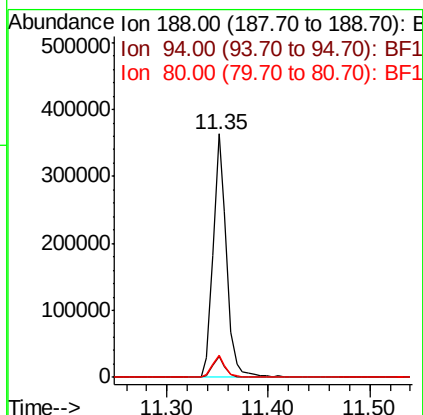
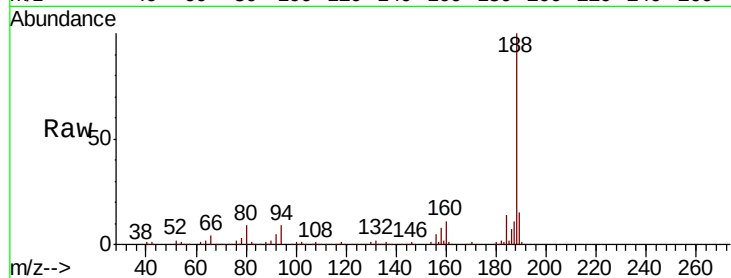




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112600.D
Acq: 18 Feb 2019 14:52

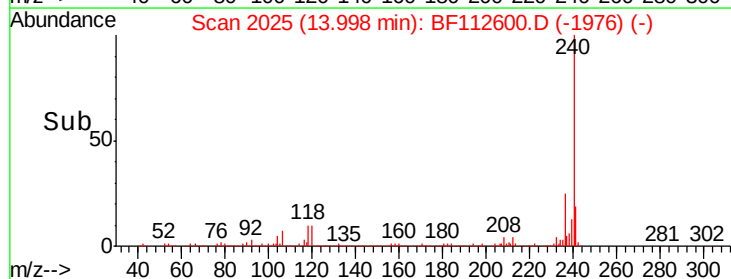
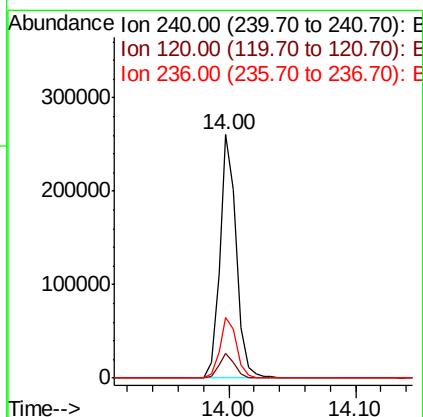
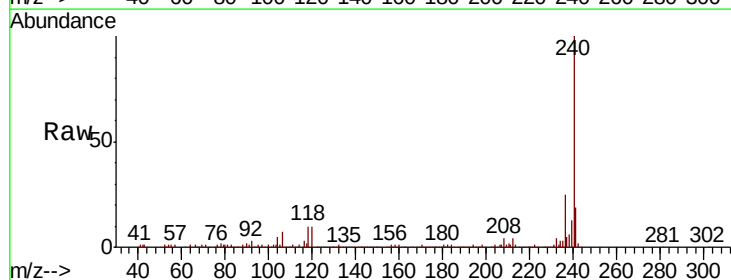
Instrument :
BNA_F
ClientSampled :
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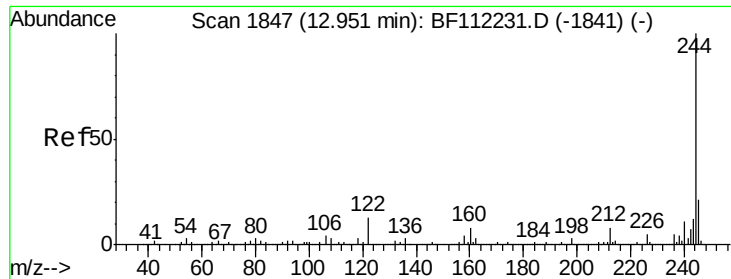
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	8.9	8.9	13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112600.D
Acq: 18 Feb 2019 14:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.0	13.6
236	24.8	20.7	31.1

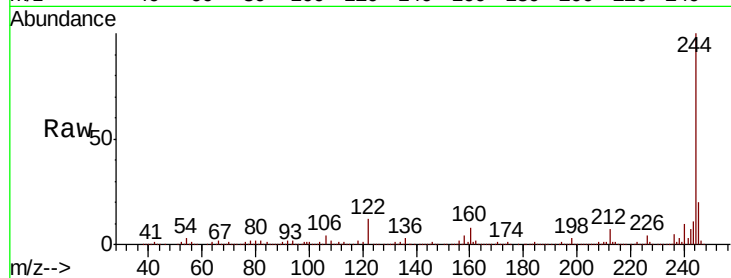




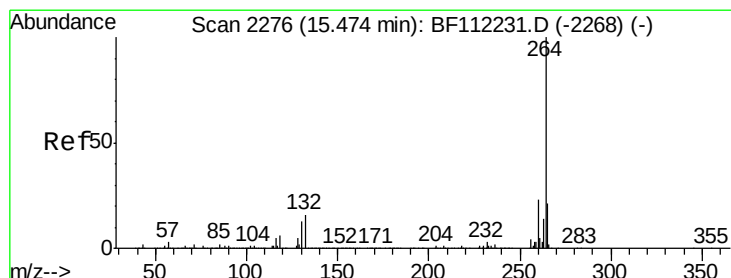
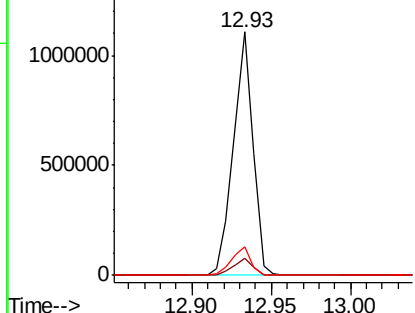
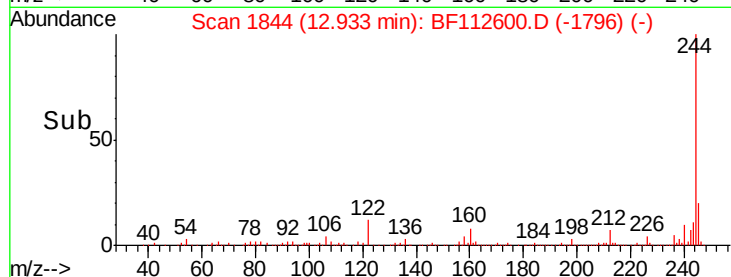
#79
 Terphenyl-d14
 Concen: 75.757 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF112600.D
 Acq: 18 Feb 2019 14:52

Instrument :
 BNA_F
 ClientSampleId :
 M-13-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	11.9	9.8	14.6

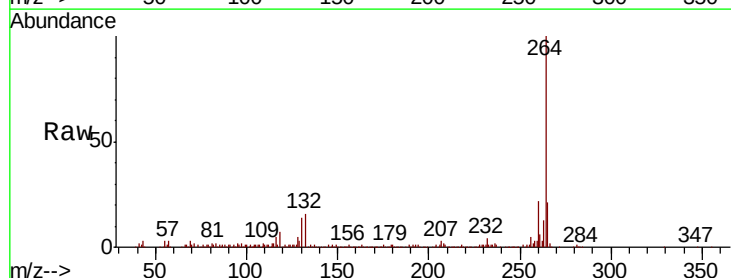


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF112600.D
 Acq: 18 Feb 2019 14:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.2
265	21.4	17.0	25.4



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

