

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112379.D
 Acq On : 4 Feb 2019 14:52
 Operator : JU/SJ
 Sample : K1284-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-03-004-ABCD

Quant Time: Feb 04 16:07:54 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

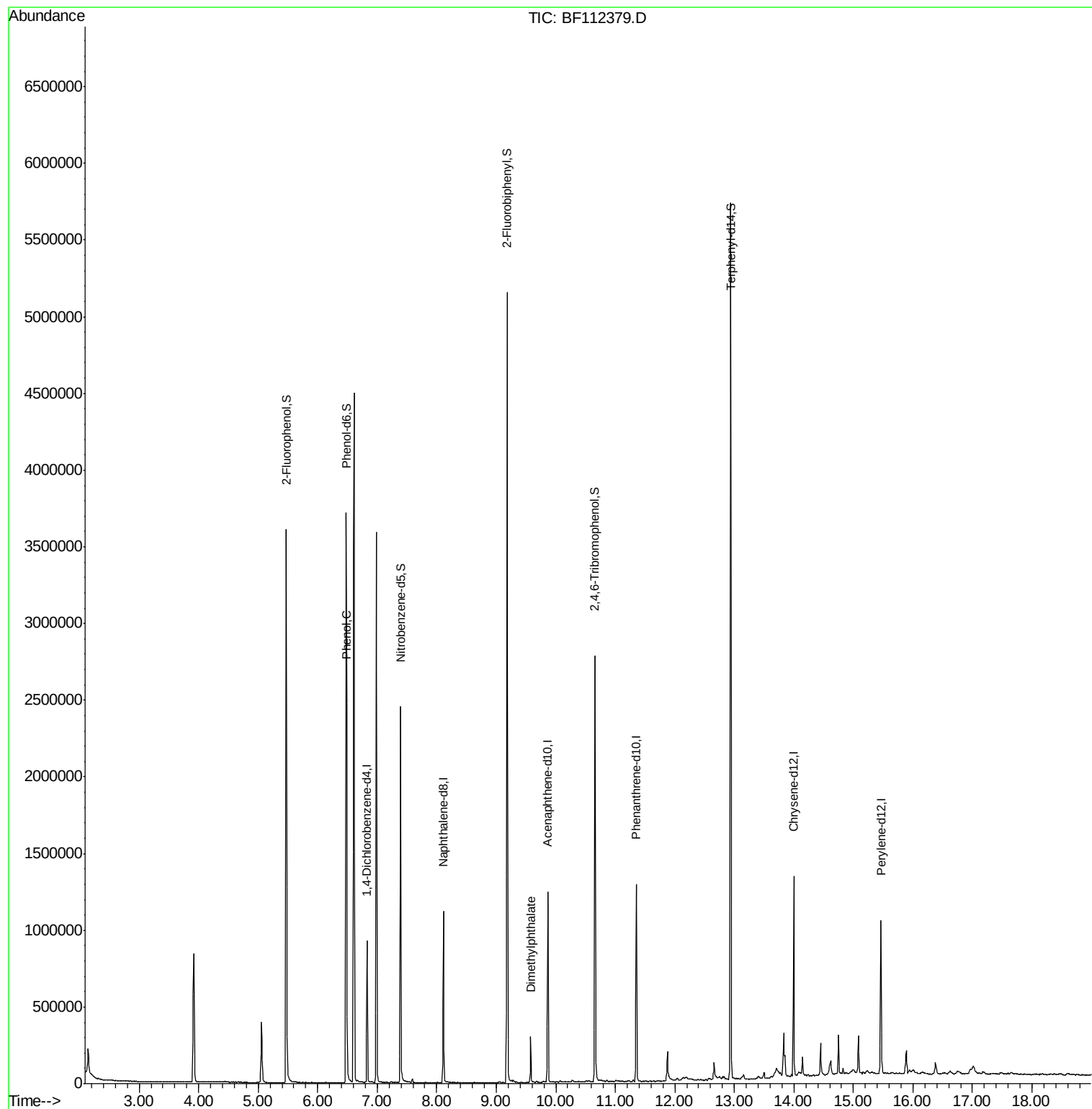
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	141311	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	535079	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	258969	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	515579	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	472562	20.00	ng	-0.01
87) Perylene-d12	15.46	264	386342	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1079338	162.24	ng	0.00
7) Phenol-d6	6.48	99	1390705	150.44	ng	-0.01
23) Nitrobenzene-d5	7.39	82	879029	94.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	386057	128.07	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1649484	90.09	ng	-0.02
79) Terphenyl-d14	12.94	244	1844390	73.51	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	21115	2.082	ng	94
50) Dimethylphthalate	9.58	163	123965	6.161	ng	98

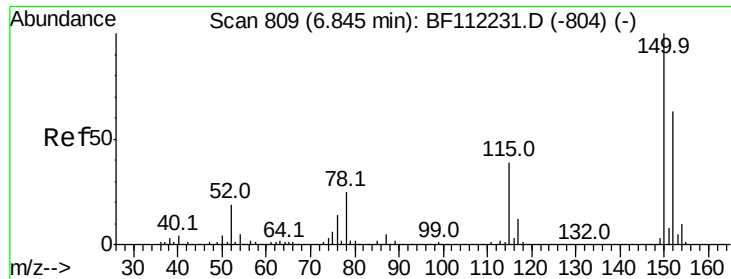
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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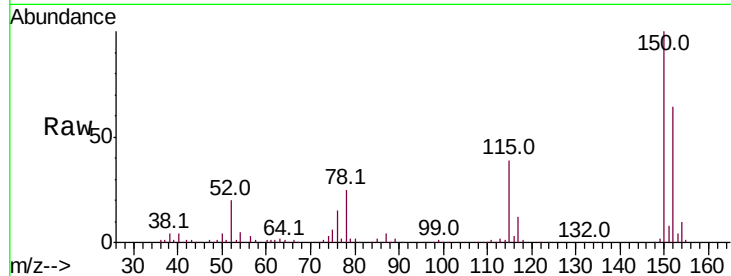


#1

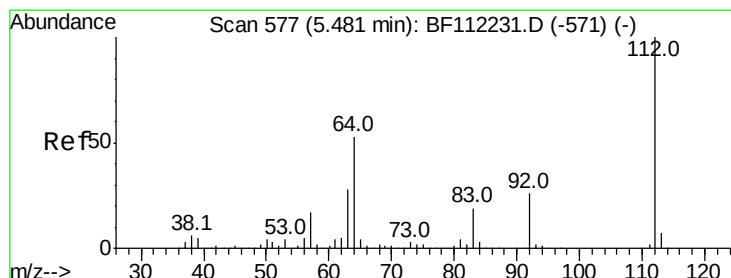
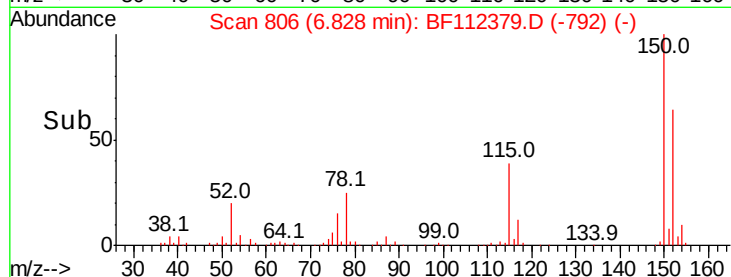
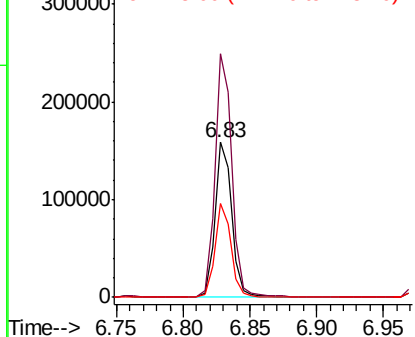
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112379.D
Acq: 4 Feb 2019 14:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-004-ABCD

Tot Ion:152 Resp: 141311
Ion Ratio Lower Upper
152 100
150 157.3 127.4 191.0
115 60.9 45.5 68.3



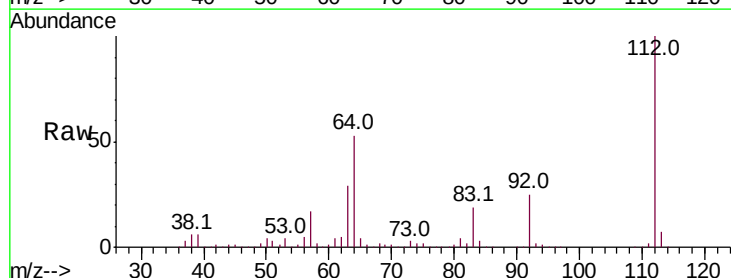
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



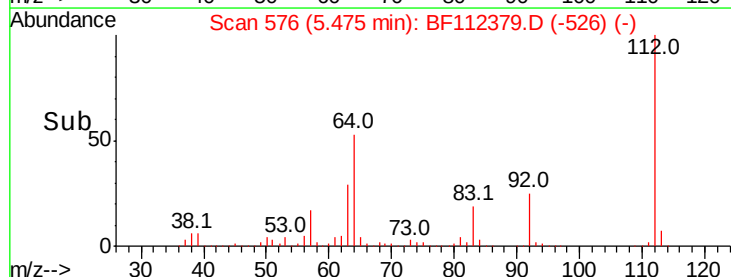
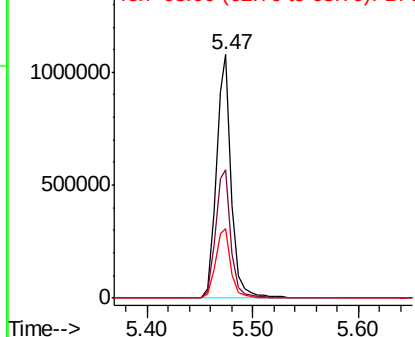
#5

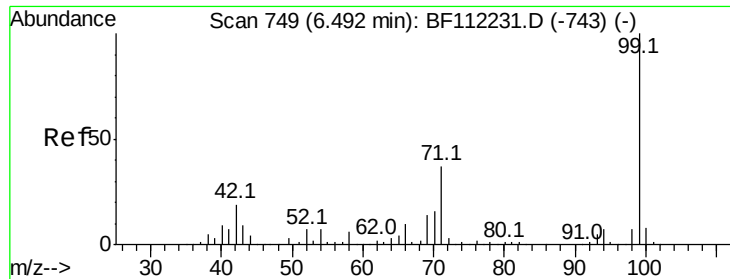
2-Fluorophenol
Concen: 162.237 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112379.D
Acq: 4 Feb 2019 14:52

Tgt Ion:112 Resp: 1079338
Ion Ratio Lower Upper
112 100
64 53.0 45.7 68.5
63 28.8 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: 150.436 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112379.D

Acq: 4 Feb 2019 14:52

Instrument :

BNA_F

ClientSampleId :

FK-BPM-03-004-ABCD

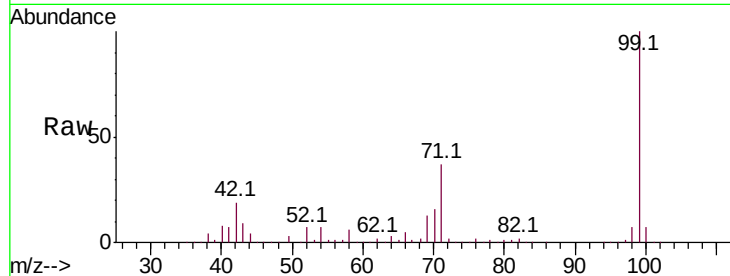
Tot Ion: 99 Resp: 1390705

Ion Ratio Lower Upper

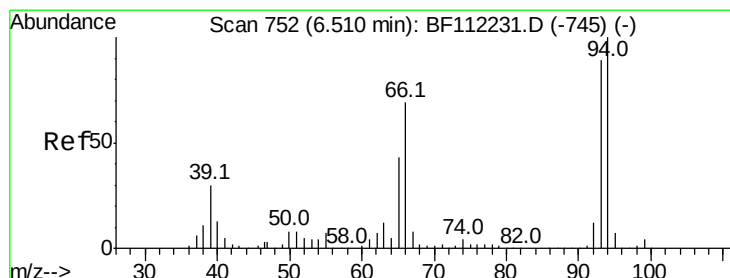
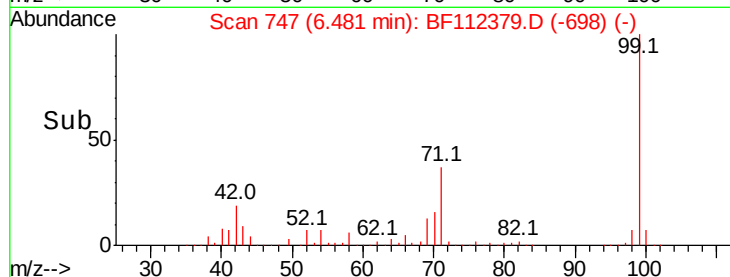
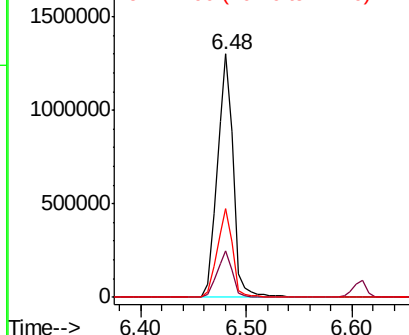
99 100

42 19.4 15.1 22.7

71 36.6 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: 2.082 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112379.D

Acq: 4 Feb 2019 14:52

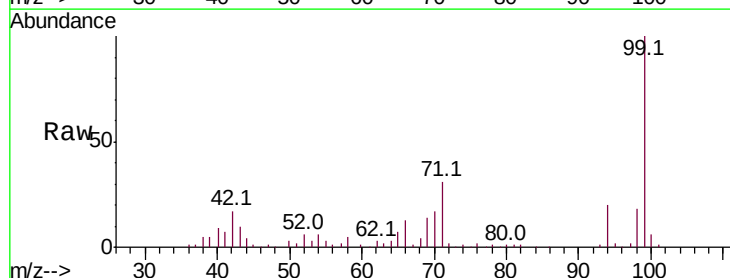
Tgt Ion: 94 Resp: 21115

Ion Ratio Lower Upper

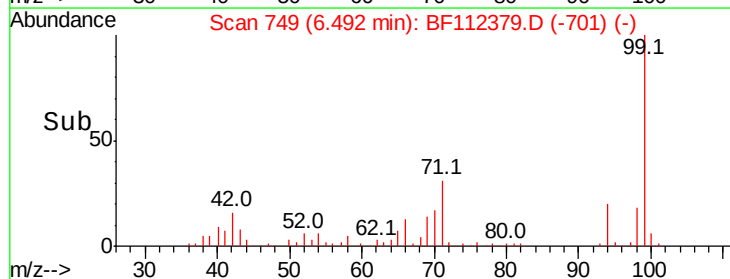
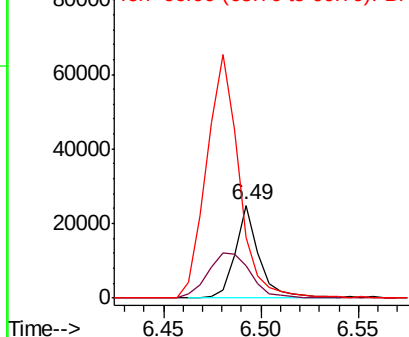
94 100

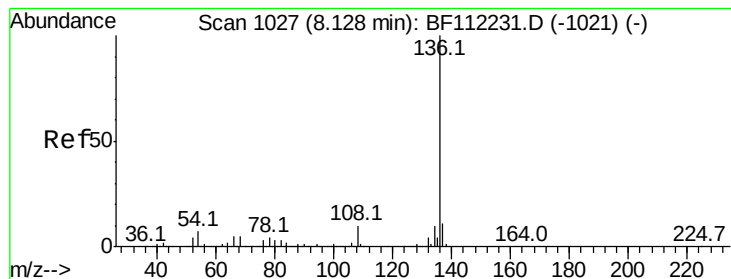
65 34.4 20.3 60.3

66 65.2 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: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF112379.D

Acq: 4 Feb 2019 14:52

Instrument :

BNA_F

ClientSampleId :

FK-BPM-03-004-ABCD

Tot Ion:136 Resp: 535079

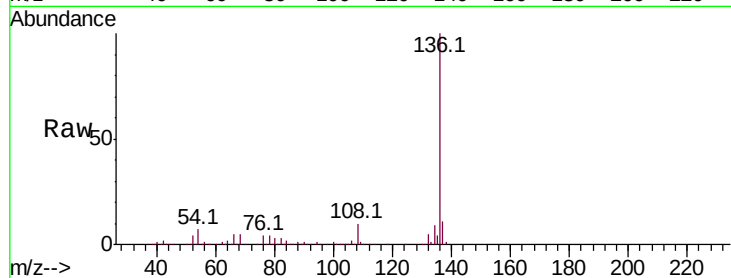
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.8 5.9 8.9

68 5.4 5.1 7.7

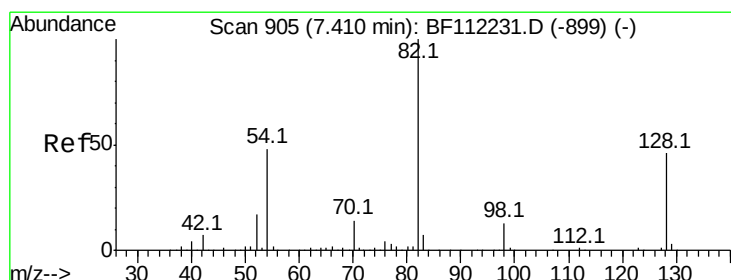
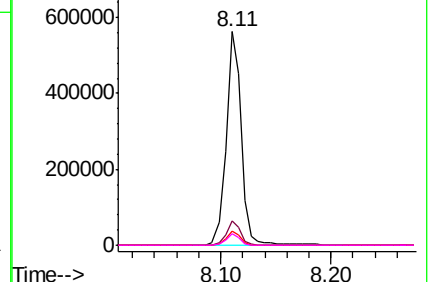
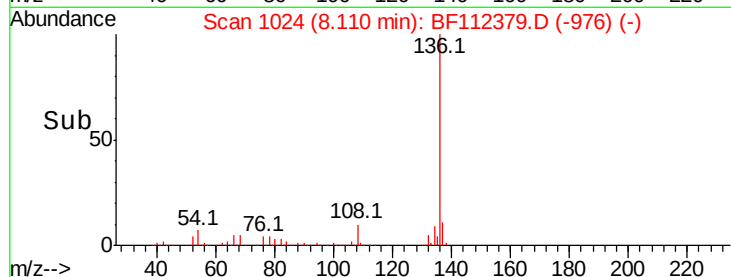


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.658 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF112379.D

Acq: 4 Feb 2019 14:52

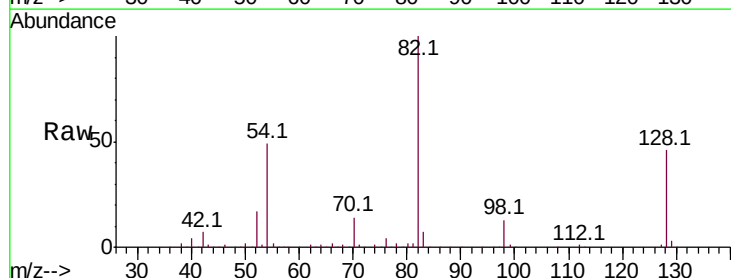
Tgt Ion: 82 Resp: 879029

Ion Ratio Lower Upper

82 100

128 46.2 37.8 56.8

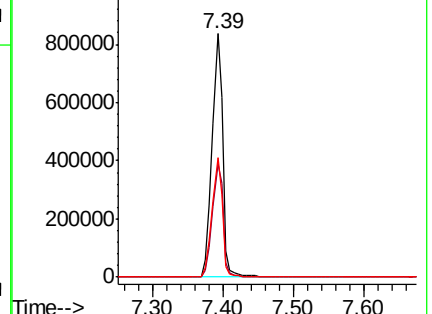
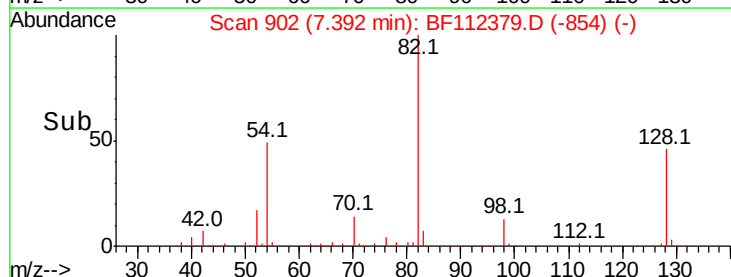
54 49.1 39.7 59.5

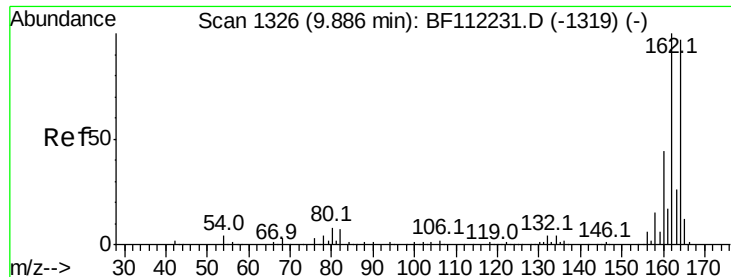


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

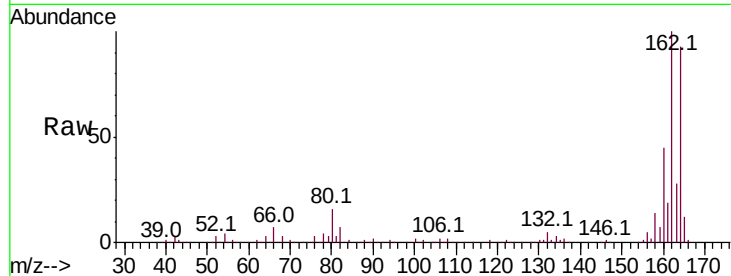




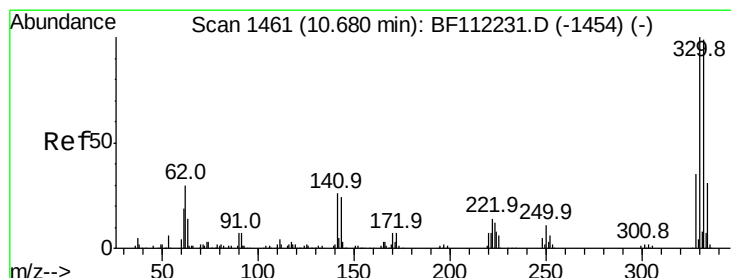
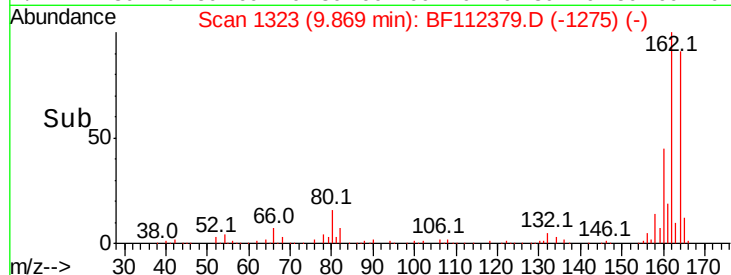
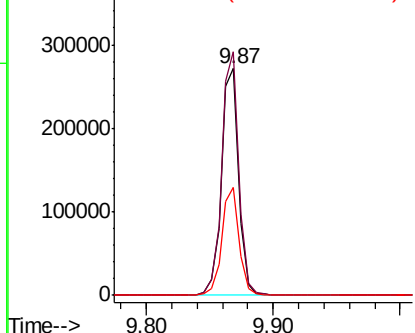
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112379.D
Acq: 4 Feb 2019 14:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-004-ABCD

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.5	82.2	123.4
160	47.9	36.2	54.4

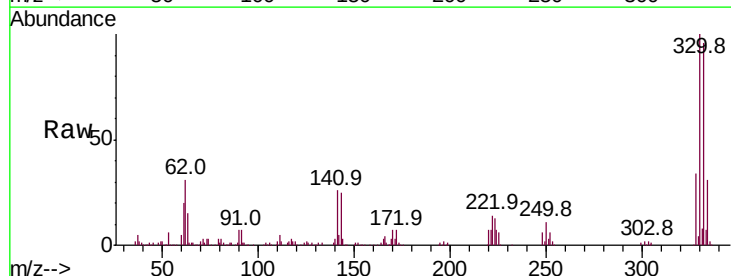


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

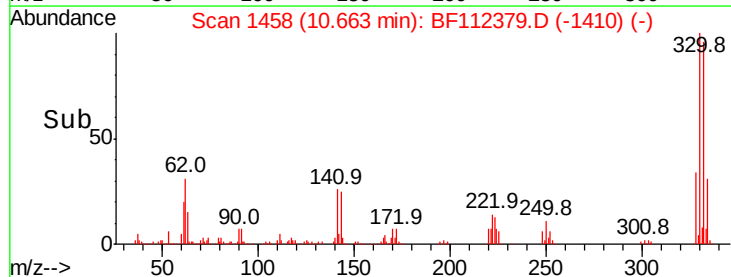
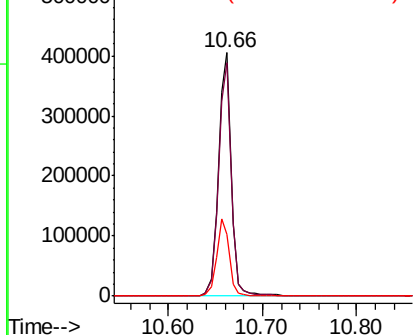


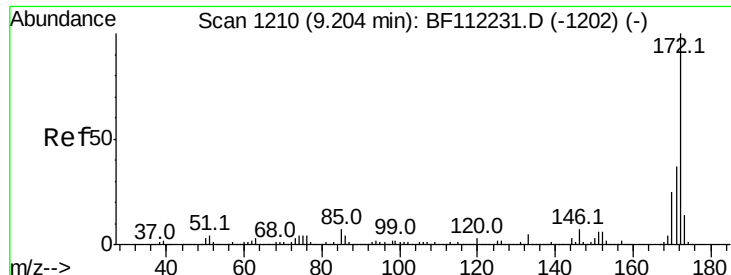
#42
2,4,6-Tribromophenol
Concen: 128.074 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112379.D
Acq: 4 Feb 2019 14:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	32.1	24.3	36.5



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

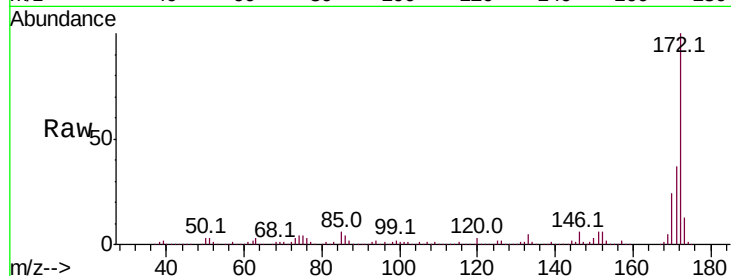




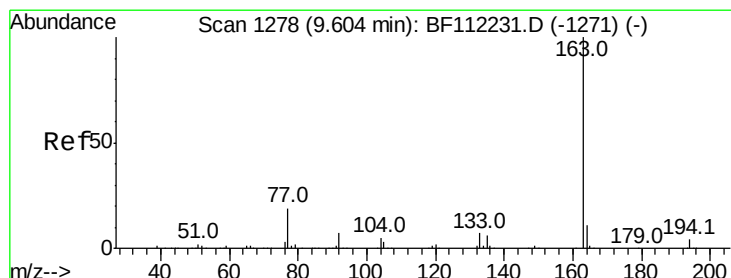
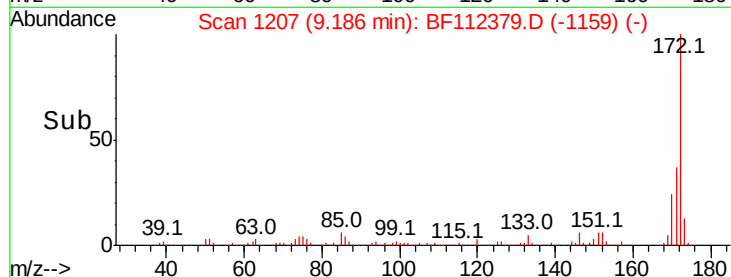
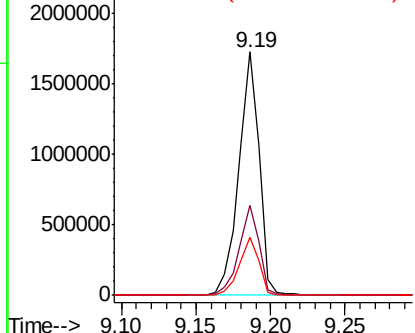
#45
2-Fluorobiphenyl
Concen: 90.085 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112379.D
Acq: 4 Feb 2019 14:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-004-ABCD

Tot Ion:172 Resp: 1649484
Ion Ratio Lower Upper
172 100
171 36.8 30.5 45.7
170 23.8 20.2 30.4

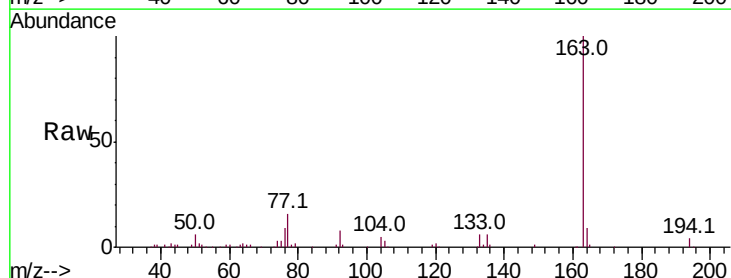


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

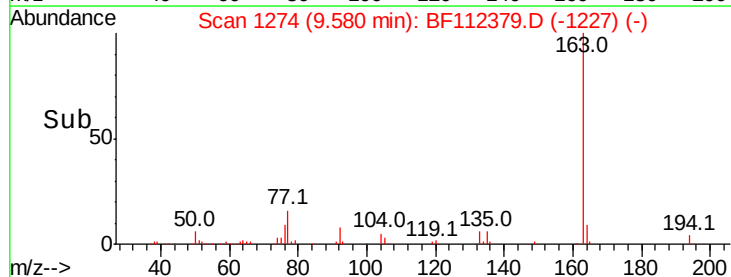
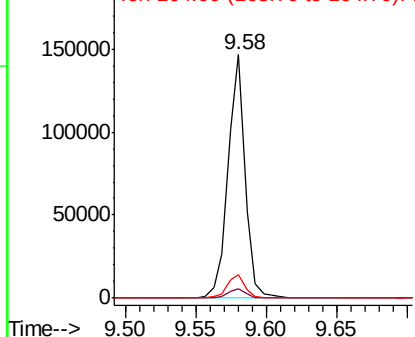


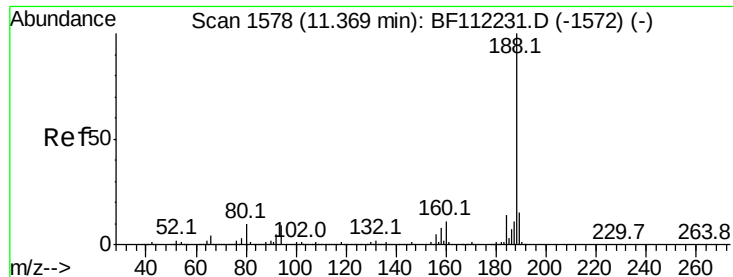
#50
Dimethylphthalate
Concen: 6.161 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112379.D
Acq: 4 Feb 2019 14:52

Tgt Ion:163 Resp: 123965
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.5 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

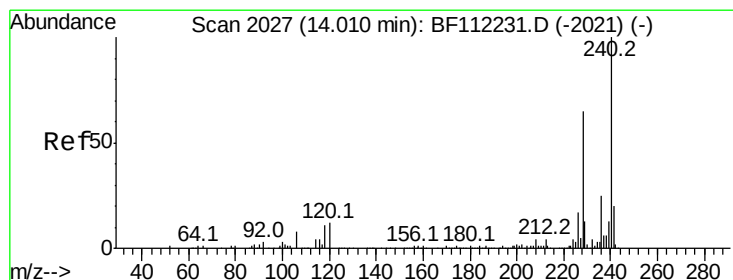
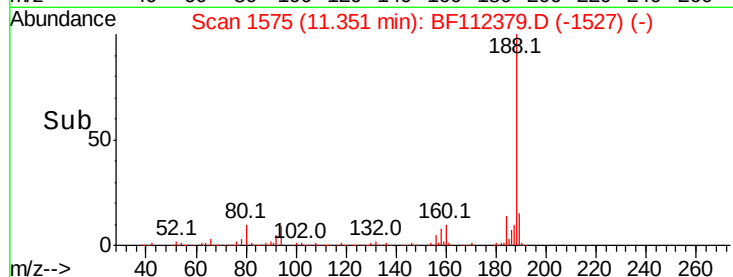
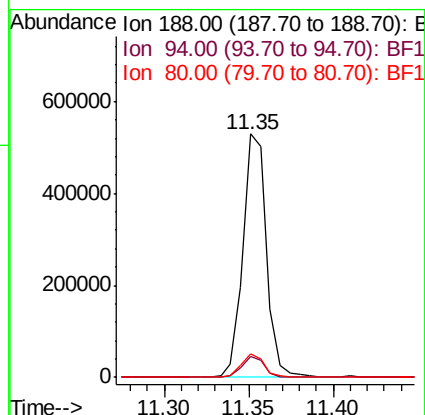
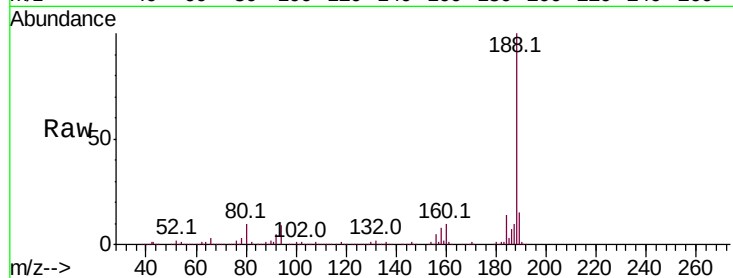




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112379.D
Acq: 4 Feb 2019 14:52

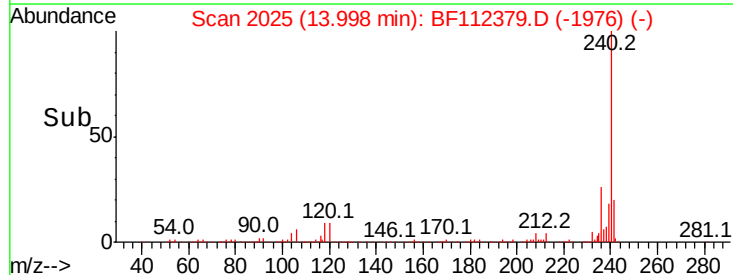
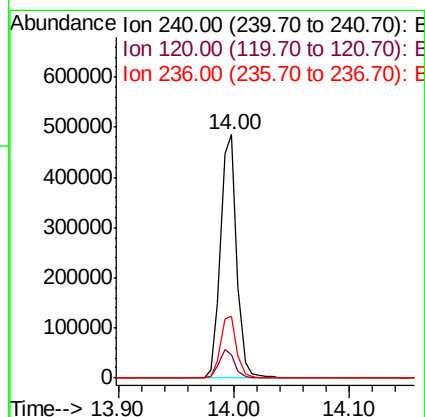
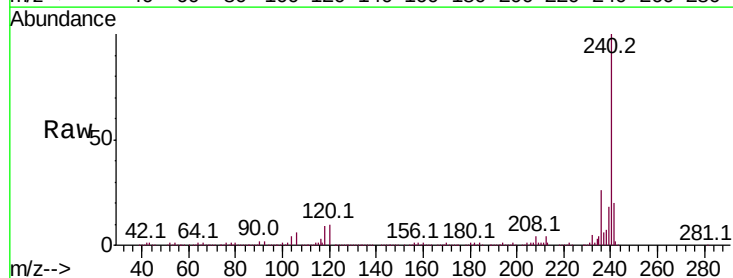
Instrument :
BNA_F
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FK-BPM-03-004-ABCD

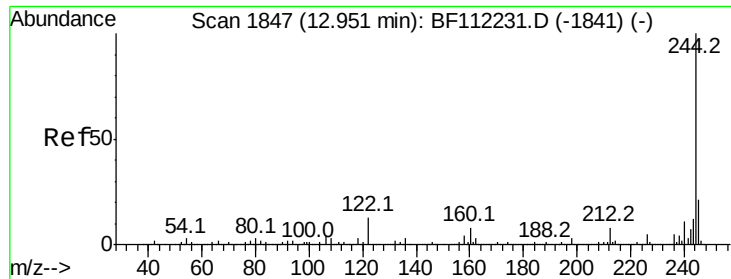
Tot Ion:188 Resp: 515579
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 9.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112379.D
Acq: 4 Feb 2019 14:52

Tgt Ion:240 Resp: 472562
Ion Ratio Lower Upper
240 100
120 9.5 9.0 13.6
236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 73.510 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112379.D

Acq: 4 Feb 2019 14:52

Instrument :

BNA_F

ClientSampleId :

FK-BPM-03-004-ABCD

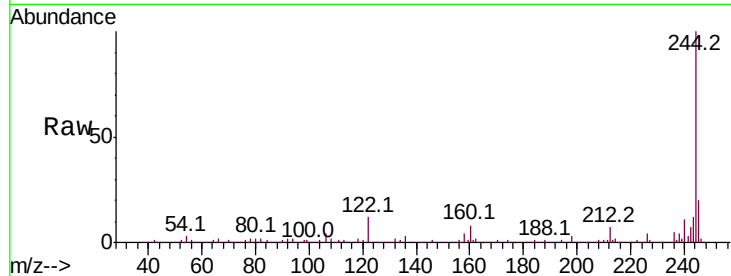
Tot Ion:244 Resp: 1844390

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

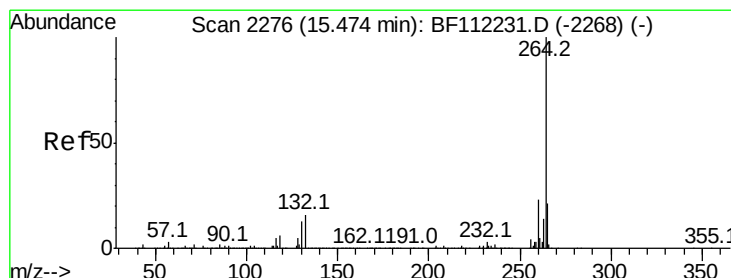
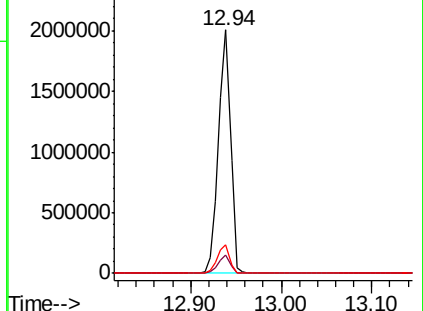
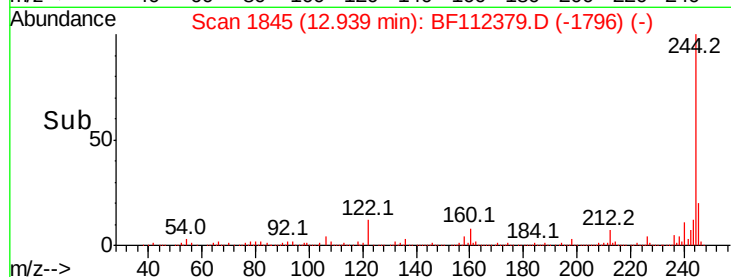
122 11.7 9.8 14.6



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF112379.D

Acq: 4 Feb 2019 14:52

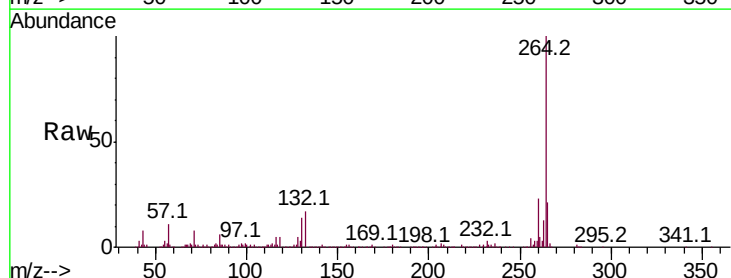
Tgt Ion:264 Resp: 386342

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 20.9 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

