

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116779.D
 Acq On : 3 Sep 2019 18:19
 Operator : HP/JU
 Sample : K4554-40
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8-(5-7)

Quant Time: Sep 04 06:56:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

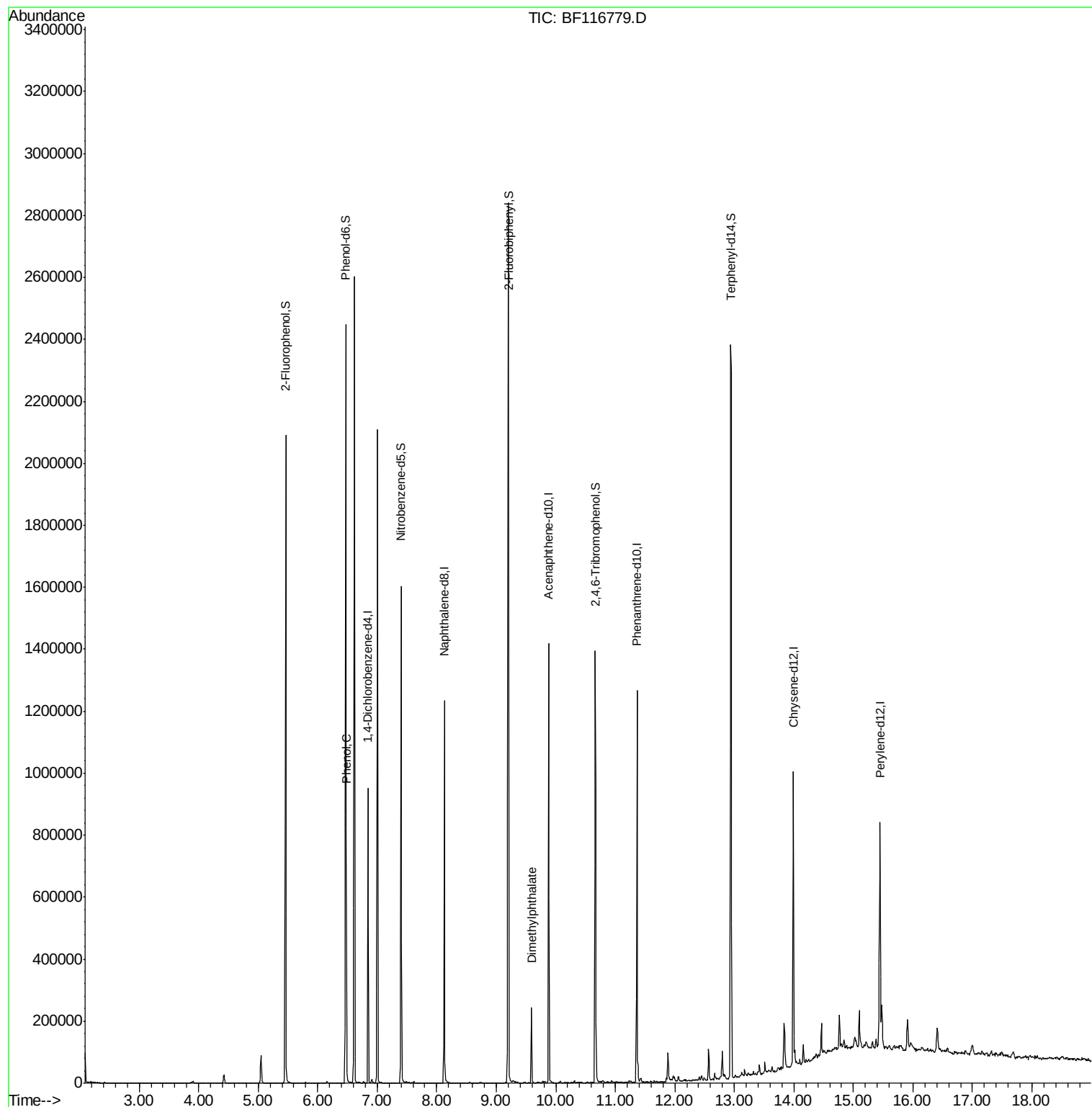
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	124290	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	502340	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	257186	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	422159	20.00	ng	0.00
76) Chrysene-d12	13.99	240	282037	20.00	ng	0.00
87) Perylene-d12	15.44	264	318775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	602511	78.53	ng	0.00
7) Phenol-d6	6.47	99	850176	84.39	ng	0.00
23) Nitrobenzene-d5	7.40	82	513919	58.40	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	146725	85.34	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	874707	57.37	ng	0.00
79) Terphenyl-d14	12.95	244	813984	53.39	ng	0.00
Target Compounds						
10) Phenol	6.49	94	30389	2.724	ng	86
50) Dimethylphthalate	9.59	163	91256	5.139	ng	97

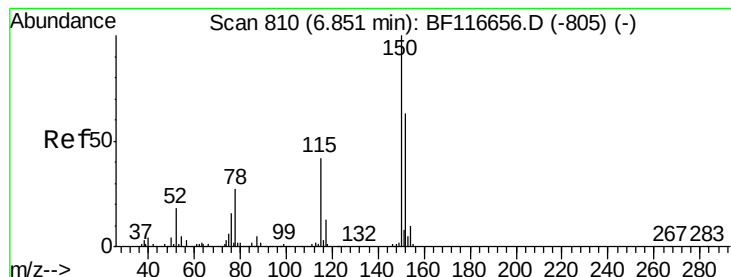
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF116779.D

Acq: 3 Sep 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SB-8-(5-7)

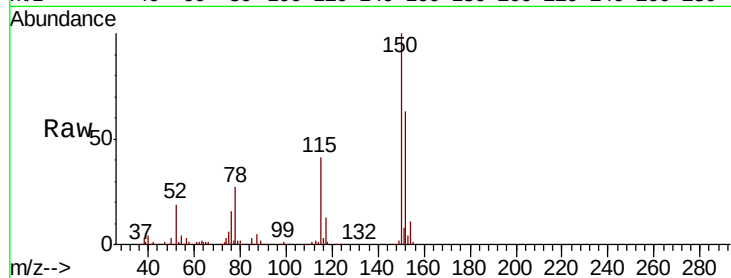
Tot Ion:152 Resp: 124290

Ion Ratio Lower Upper

152 100

150 158.2 124.4 186.6

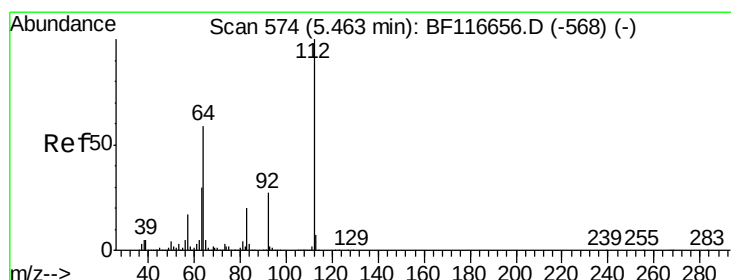
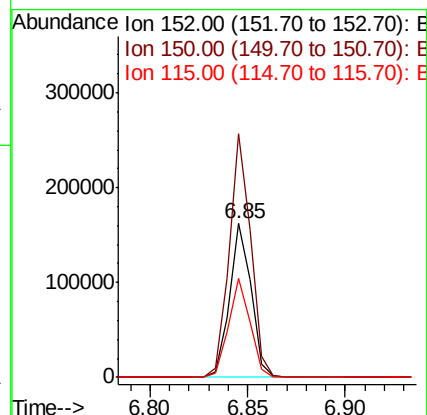
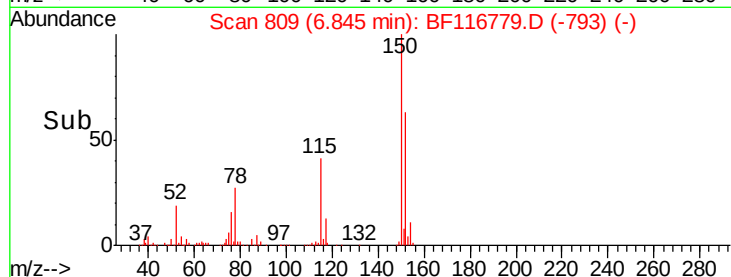
115 64.7 49.9 74.9



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: 78.534 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF116779.D

Acq: 3 Sep 2019 18:19

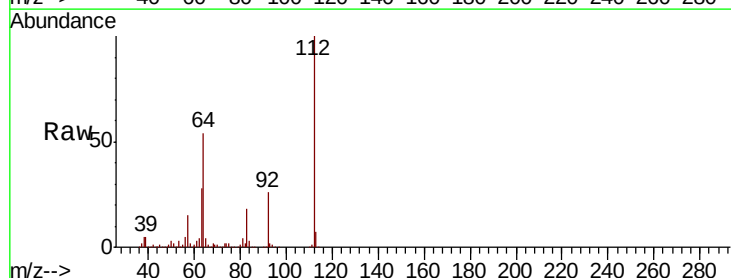
Tgt Ion:112 Resp: 602511

Ion Ratio Lower Upper

112 100

64 54.0 47.1 70.7

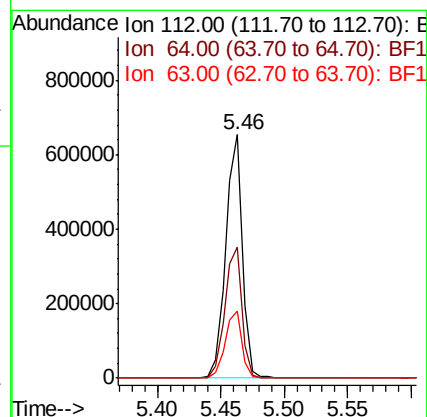
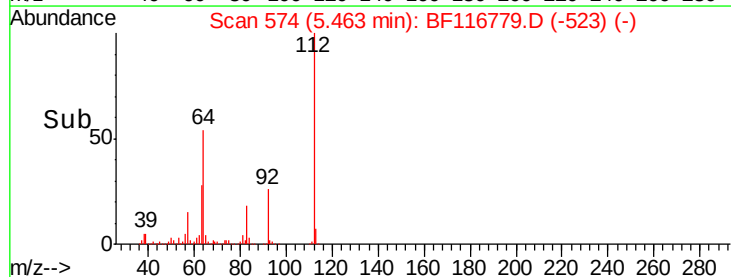
63 27.5 24.9 37.3

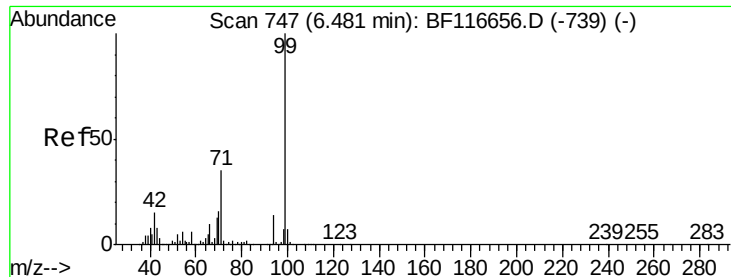


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 84.392 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116779.D

Acq: 3 Sep 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SB-8-(5-7)

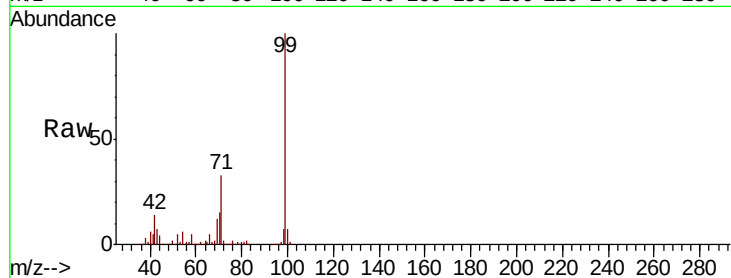
Tot Ion: 99 Resp: 850176

Ion Ratio Lower Upper

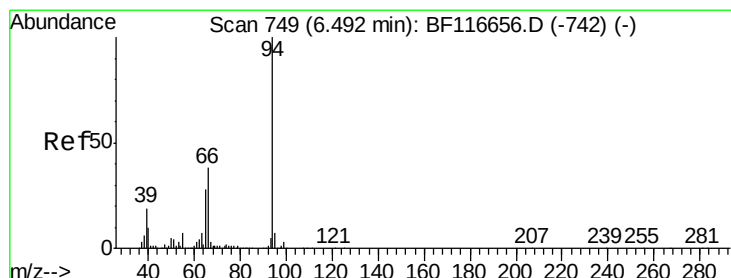
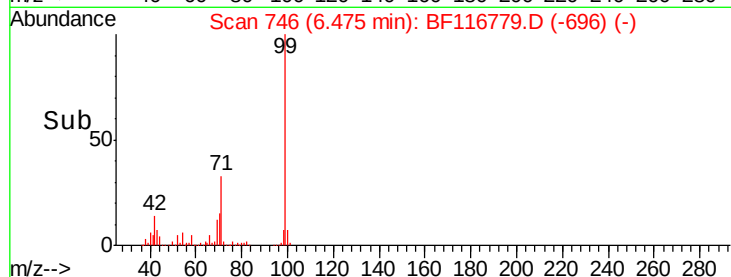
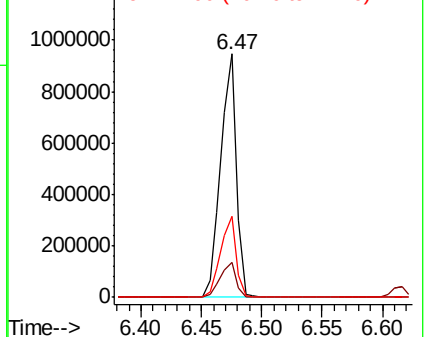
99 100

42 14.1 13.7 20.5

71 33.3 30.8 46.2



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: 2.724 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116779.D

Acq: 3 Sep 2019 18:19

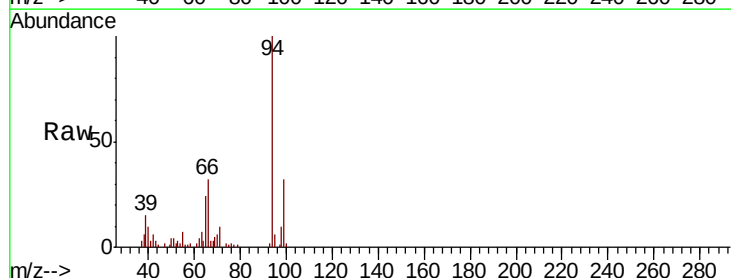
Tgt Ion: 94 Resp: 30389

Ion Ratio Lower Upper

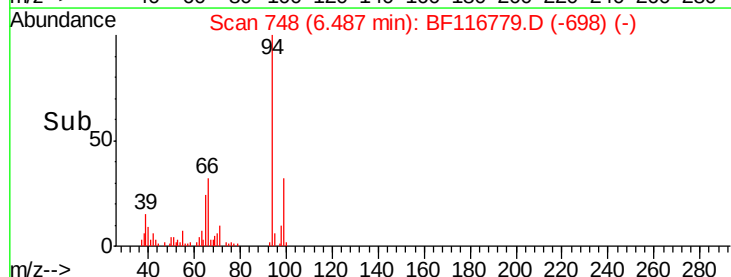
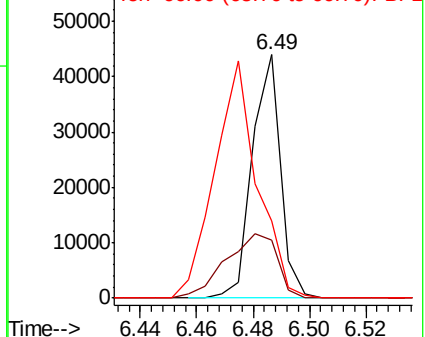
94 100

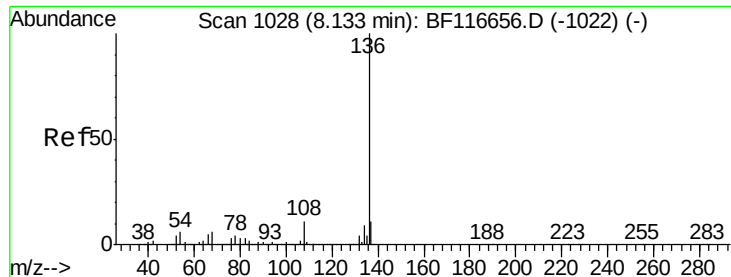
65 24.1 10.8 50.8

66 31.6 21.1 61.1



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

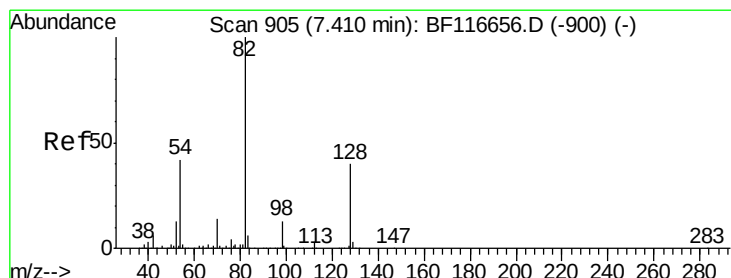
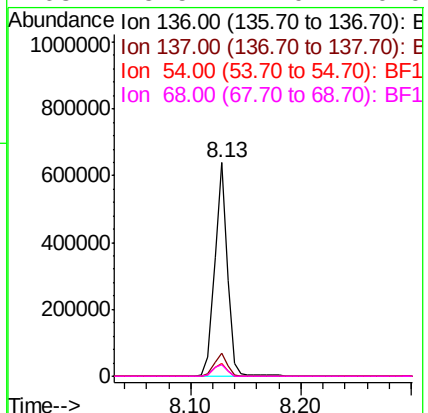
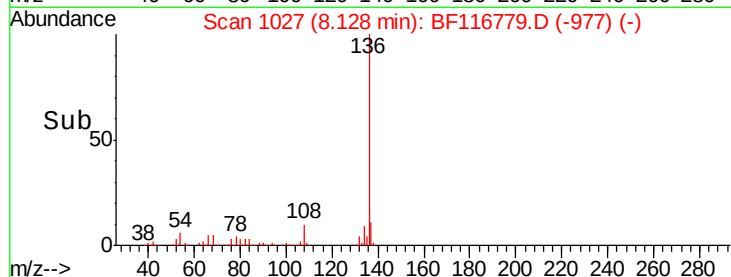
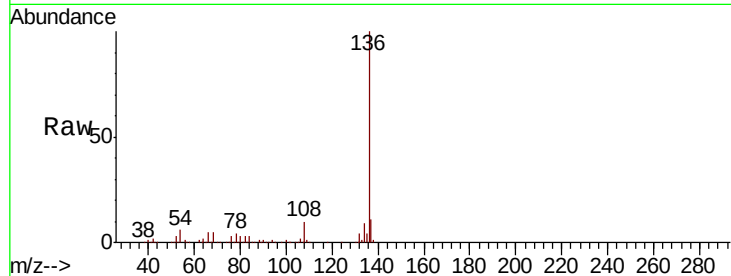




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

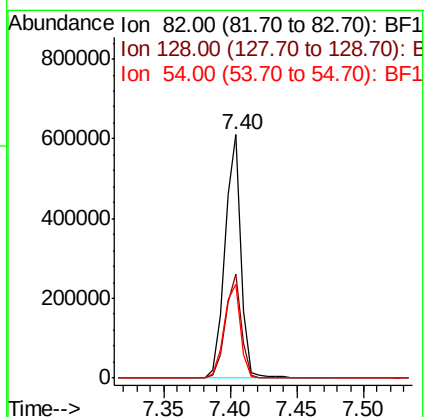
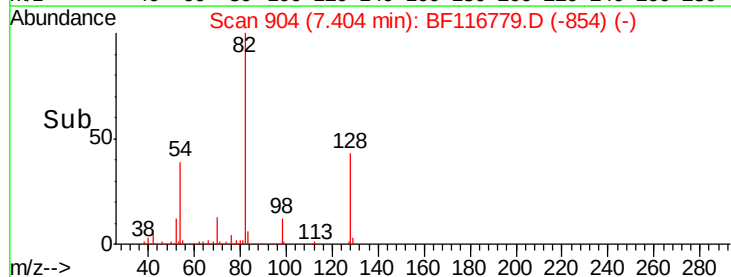
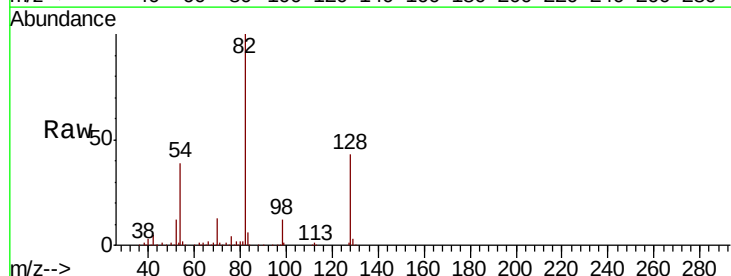
Instrument :
BNA_F
ClientSampleId :
SB-8-(5-7)

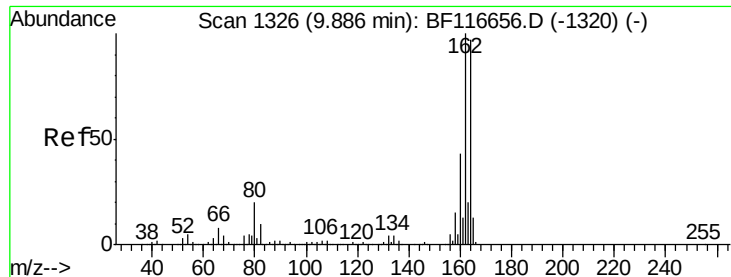
Tot Ion:136	Resp:	502340
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 5.8	4.8	7.2
68 5.5	4.0	6.0



#23
Nitrobenzene-d5
Concen: 58.403 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Tgt	Ion: 82	Resp:	513919
Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.8	49.2
54	38.6	36.9	55.3

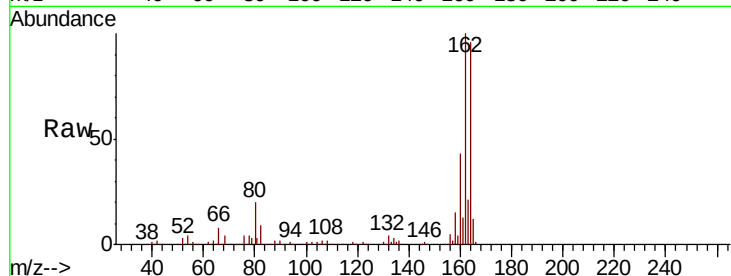




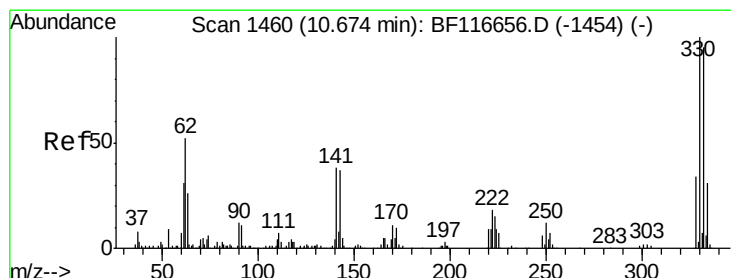
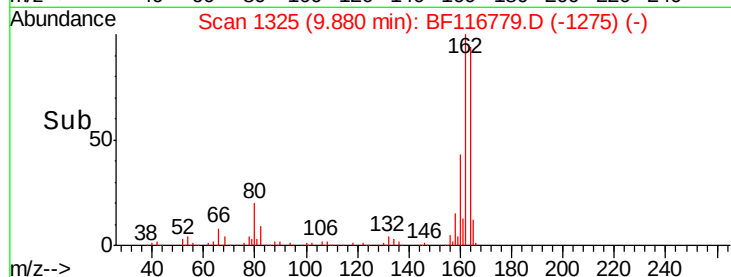
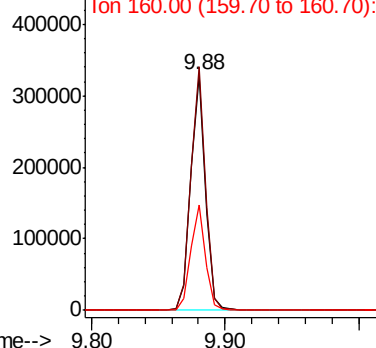
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Instrument :
BNA_F
ClientSampleId :
SB-8-(5-7)

Tot Ion:164 Resp: 257186
Ion Ratio Lower Upper
164 100
162 103.7 81.4 122.0
160 44.8 35.4 53.2

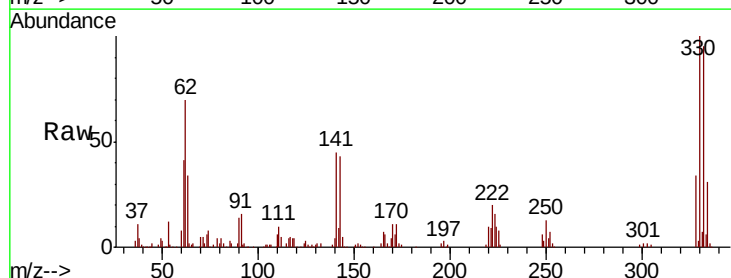


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

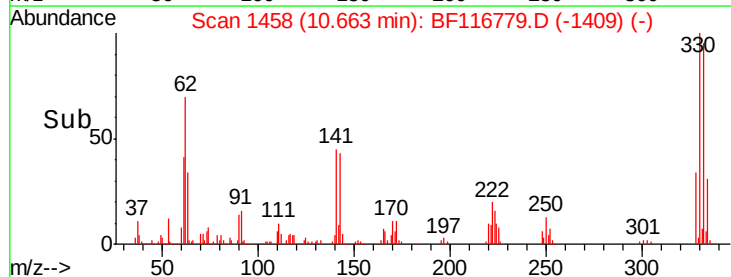
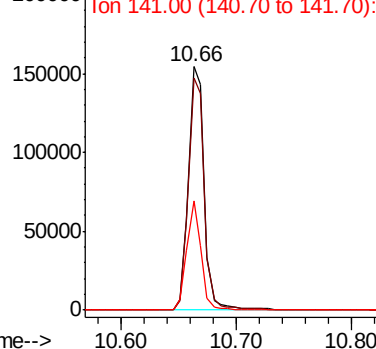


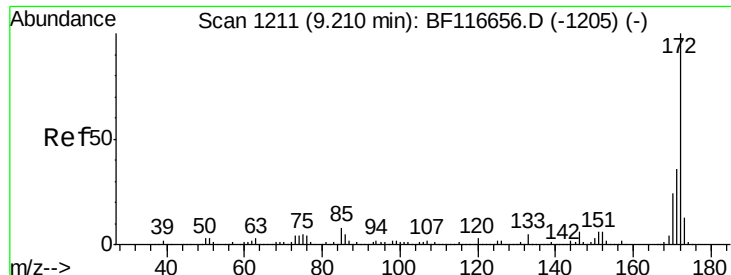
#42
2,4,6-Tribromophenol
Concen: 85.338 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Tgt Ion:330 Resp: 146725
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 40.6 31.4 47.2



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

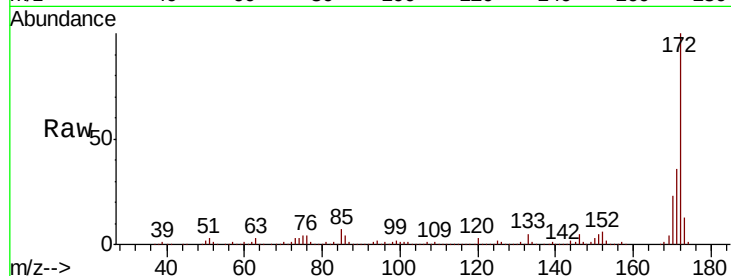




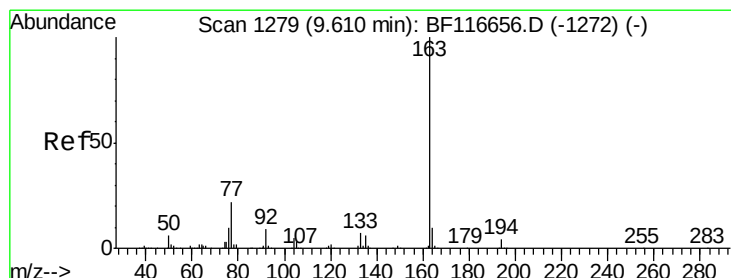
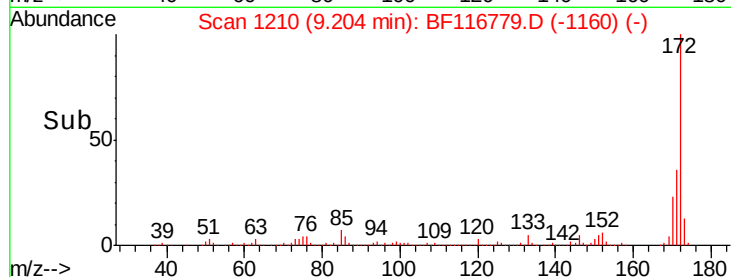
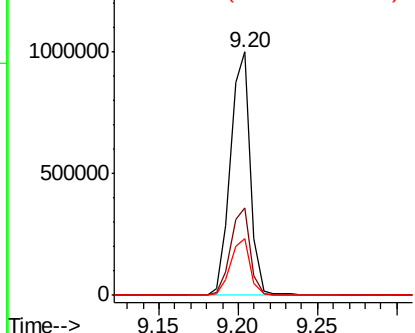
#45
2-Fluorobiphenyl
Concen: 57.372 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Instrument :
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SB-8-(5-7)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.6
170	23.4	18.9	28.3

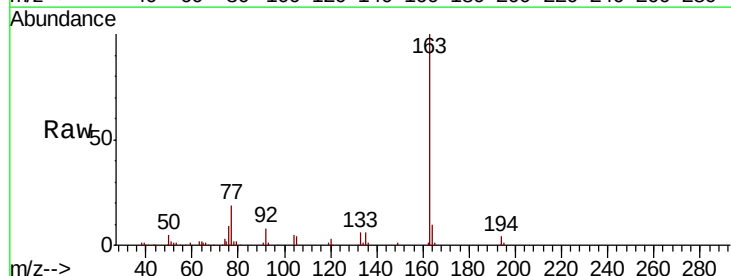


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

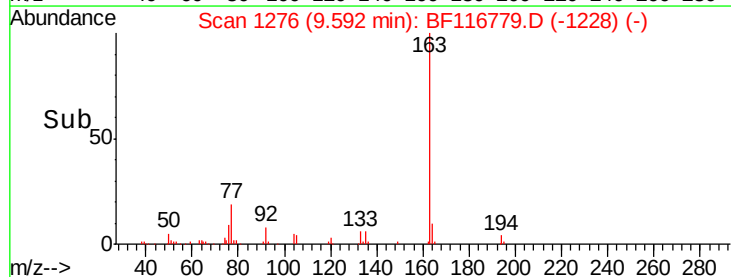
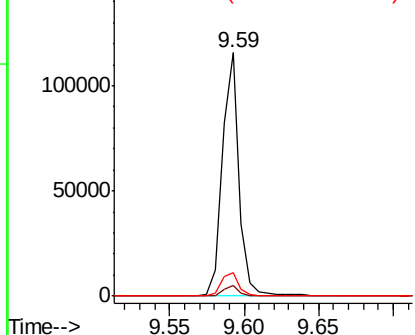


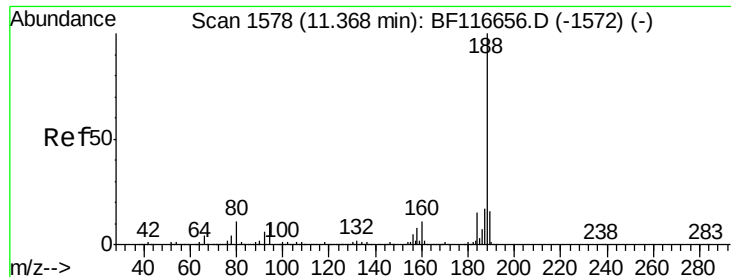
#50
Dimethylphthalate
Concen: 5.139 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.8	4.2
164	9.5	8.6	12.8



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

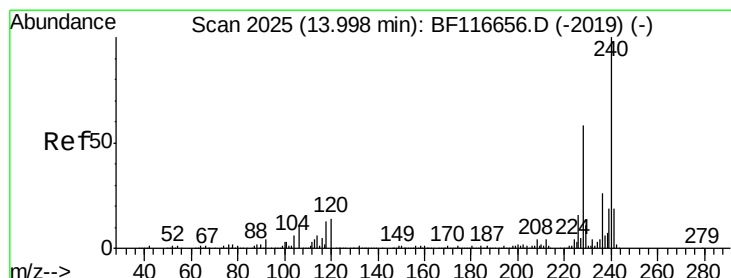
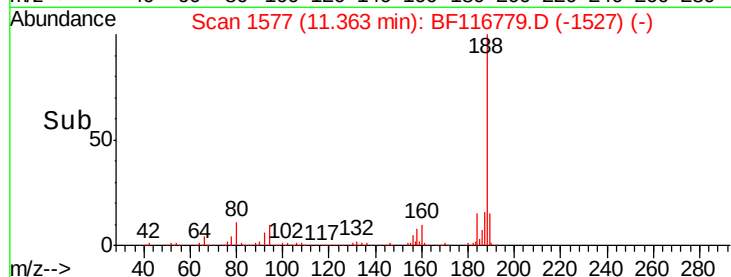
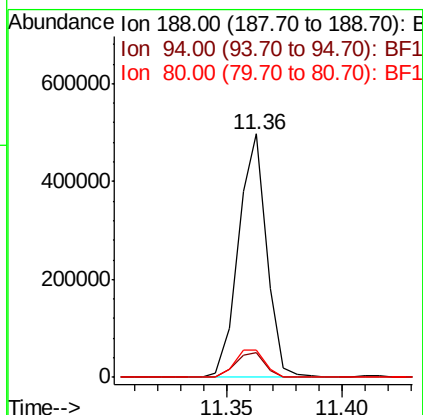
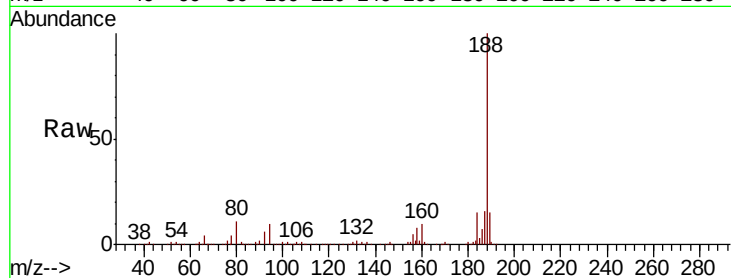




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

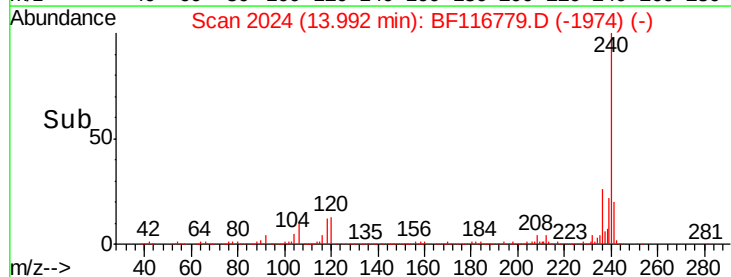
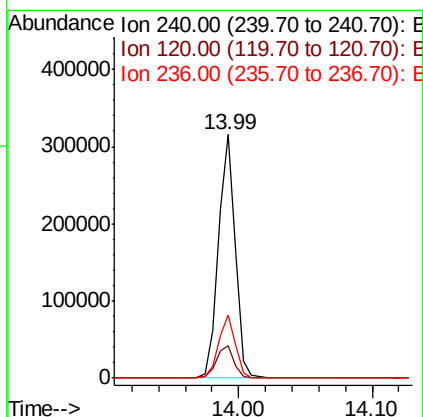
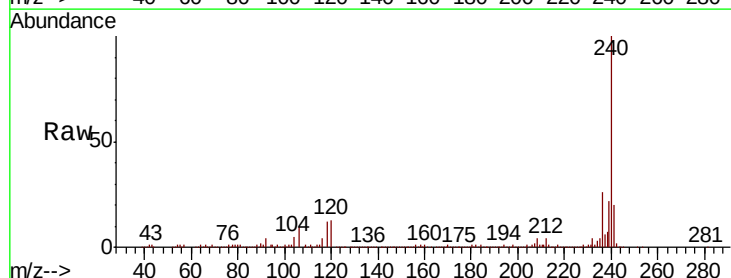
Instrument :
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ClientSampleId :
SB-8-(5-7)

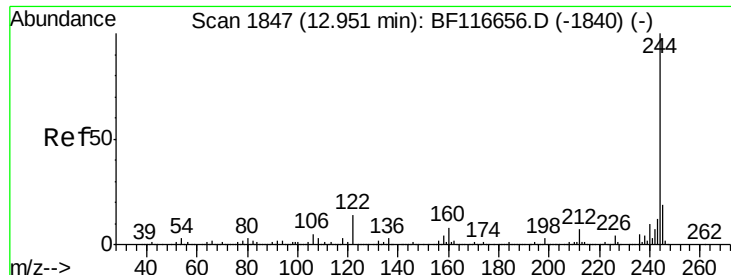
Tot Ion:188 Resp: 422159
Ion Ratio Lower Upper
188 100
94 10.2 7.3 10.9
80 11.3 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Tgt Ion:240 Resp: 282037
Ion Ratio Lower Upper
240 100
120 13.5 9.1 13.7
236 26.0 21.1 31.7





#79

Terphenyl-d14

Concen: 53.391 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116779.D

Acq: 3 Sep 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SB-8-(5-7)

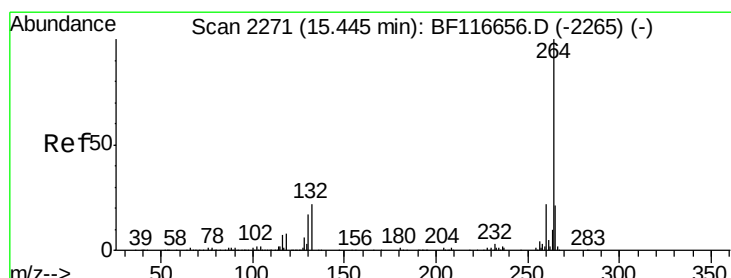
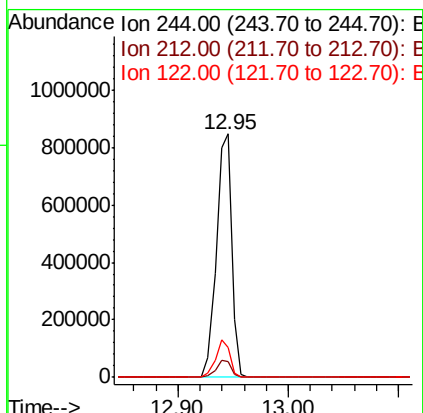
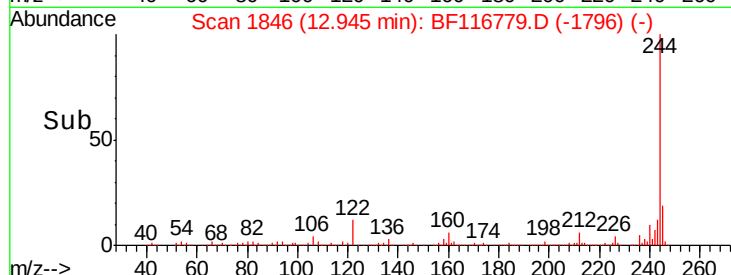
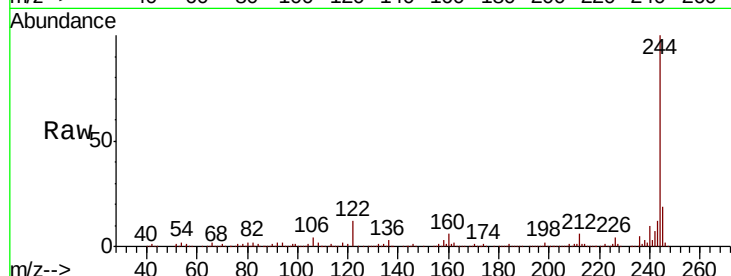
Tot Ion:244 Resp: 813984

Ion Ratio Lower Upper

244 100

212 6.4 6.1 9.1

122 12.1 10.2 15.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BF116779.D

Acq: 3 Sep 2019 18:19

Tgt Ion:264 Resp: 318775

Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 21.9 16.5 24.7

