

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
 Data File : BF118154.D
 Acq On : 9 Dec 2019 19:49
 Operator : JU
 Sample : K6187-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 00:55:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

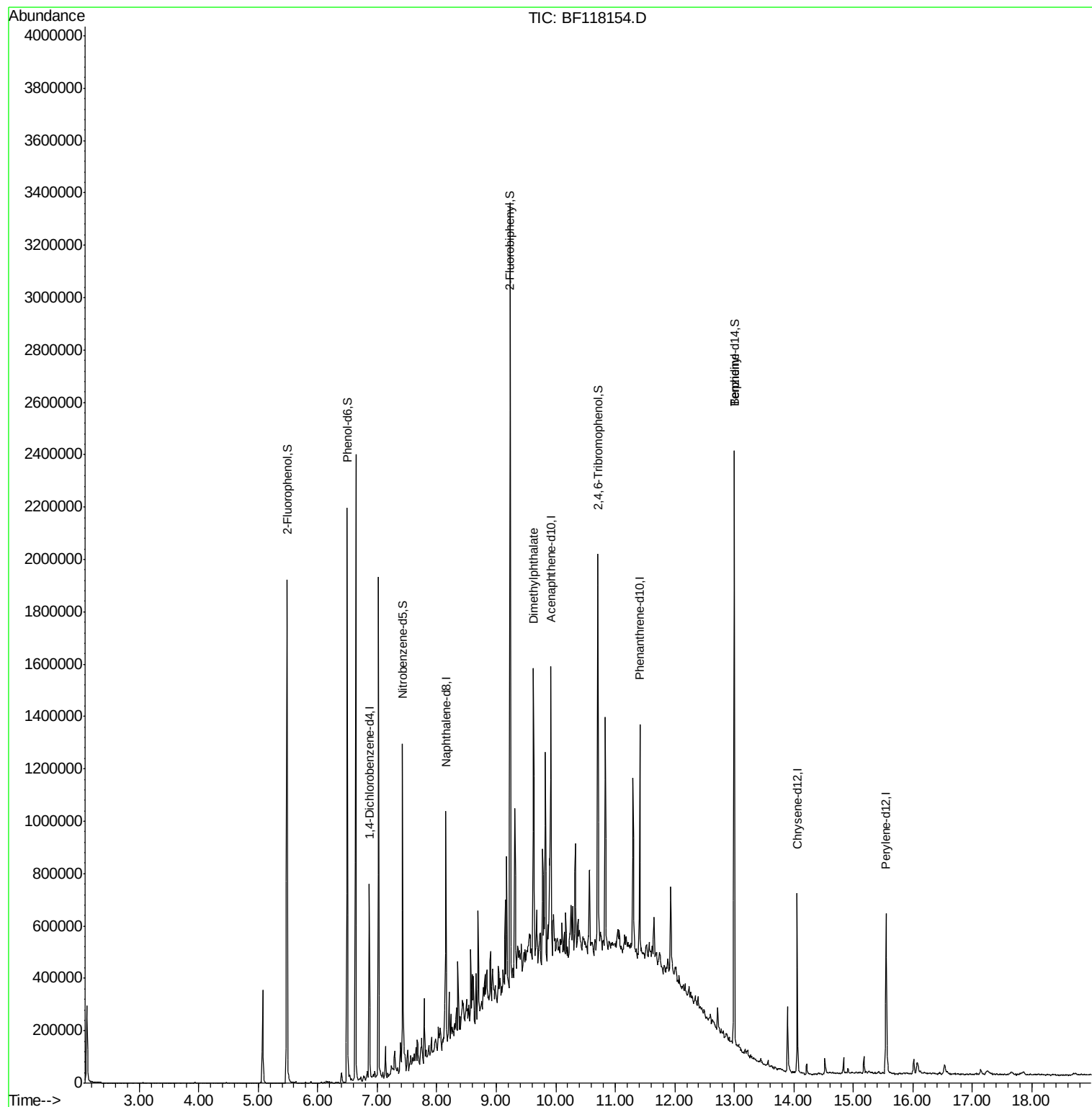
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	107276	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	395246	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	190703	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	298179	20.00	ng	0.00
76) Chrysene-d12	14.06	240	205636	20.00	ng	-0.01
87) Perylene-d12	15.55	264	280108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	573251	93.59	ng	0.00
7) Phenol-d6	6.50	99	707330	95.48	ng	0.00
23) Nitrobenzene-d5	7.43	82	426481	60.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	203905	88.02	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	836938	66.78	ng	0.00
79) Terphenyl-d14	13.00	244	717769	60.02	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1335	Below Cal	Qvalue #	1
50) Dimethylphthalate	9.63	163	87132	6.186 ng	#	85
77) Benzidine	13.00	184	11212	2.071 ng		97

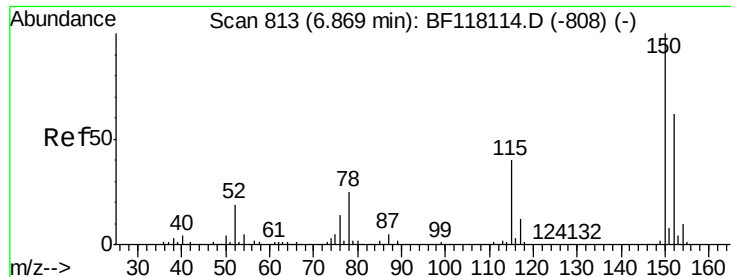
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118154.D
Acq On : 9 Dec 2019 19:49
Operator : JU
Sample : K6187-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 10 00:55:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

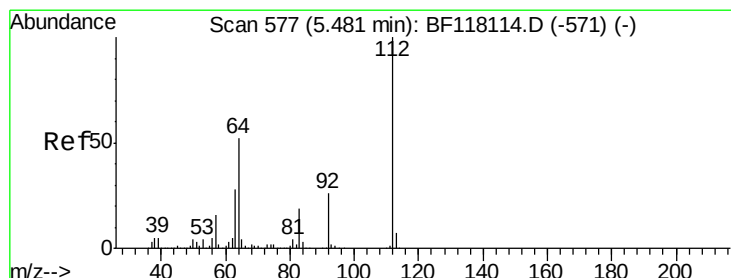
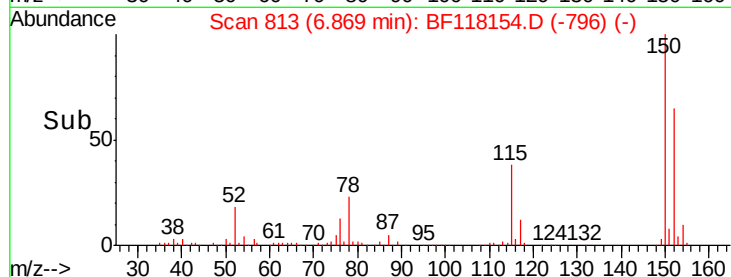
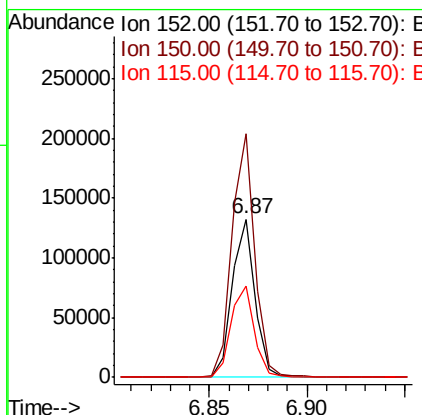
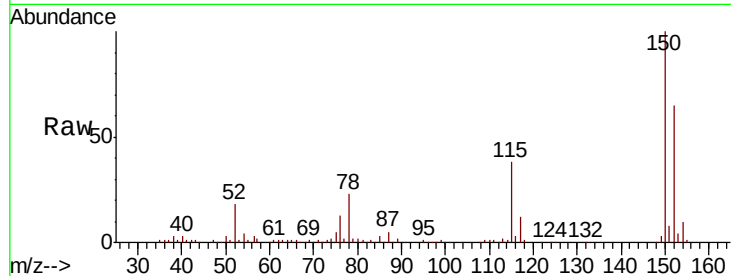




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF118154.D
 Acq: 9 Dec 2019 19:49

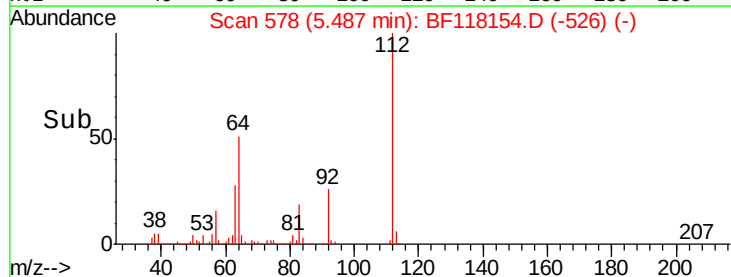
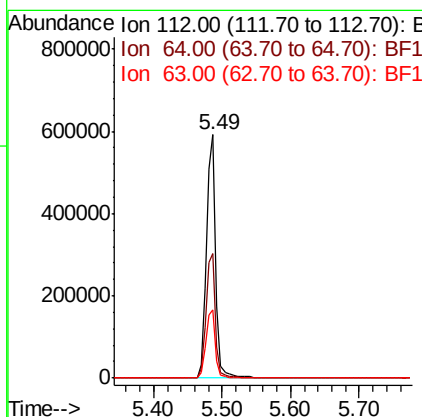
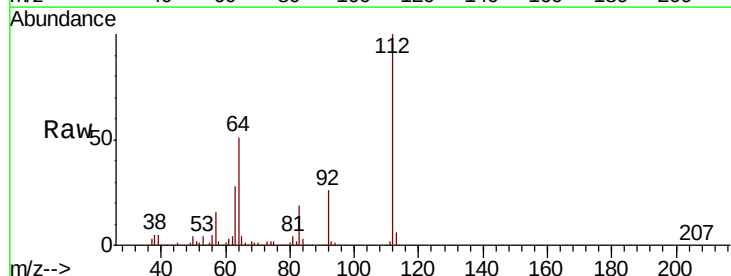
Instrument :
 BNA_F
 ClientSampled :

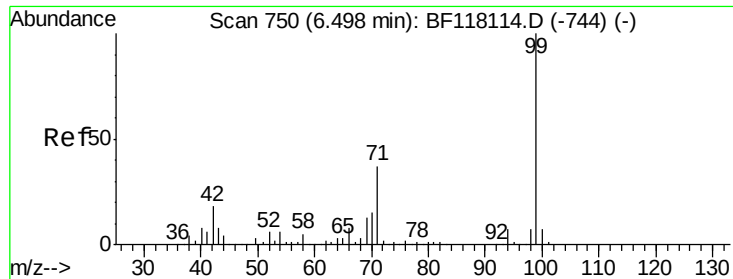
Tot Ion:152 Resp: 107276
 Ion Ratio Lower Upper
 152 100
 150 153.9 128.3 192.5
 115 57.9 51.1 76.7



#5
 2-Fluorophenol
 Concen: 93.593 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF118154.D
 Acq: 9 Dec 2019 19:49

Tgt Ion:112 Resp: 573251
 Ion Ratio Lower Upper
 112 100
 64 51.0 41.3 61.9
 63 28.0 22.4 33.6





#7

Phenol-d6

Concen: 95.478 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118154.D

Acq: 9 Dec 2019 19:49

Instrument :

BNA_F

ClientSampleId :

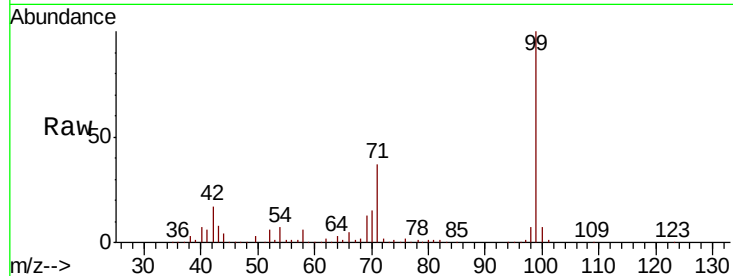
Tot Ion: 99 Resp: 707330

Ion Ratio Lower Upper

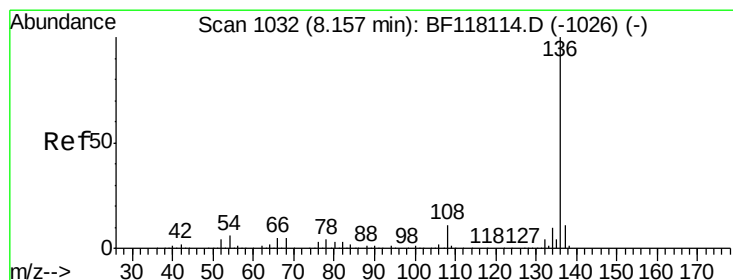
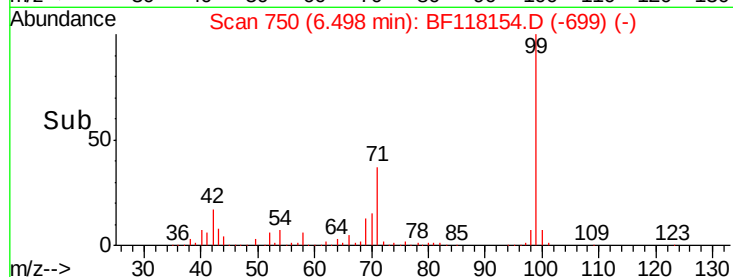
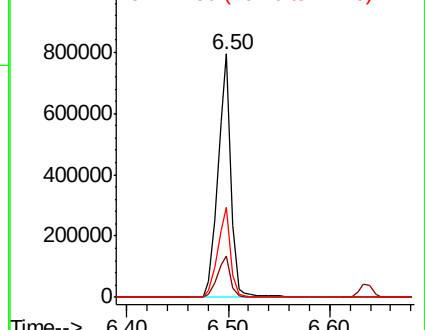
99 100

42 16.9 14.1 21.1

71 36.7 29.7 44.5



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118154.D

Acq: 9 Dec 2019 19:49

Tgt Ion: 136 Resp: 395246

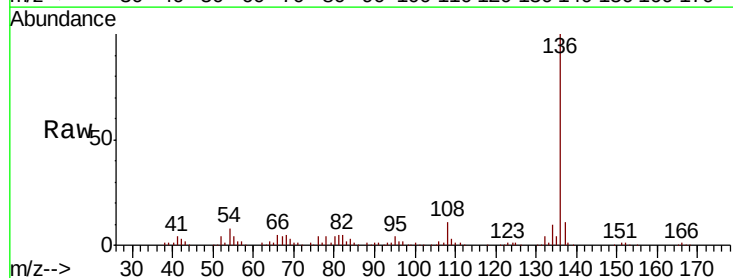
Ion Ratio Lower Upper

136 100

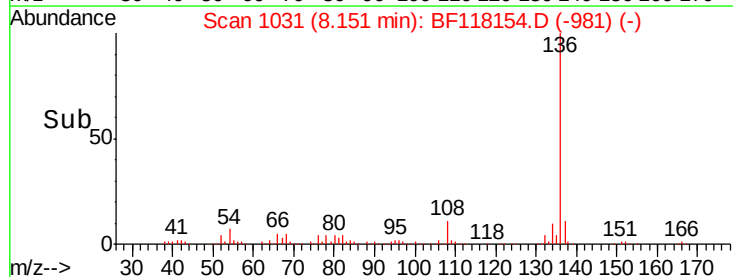
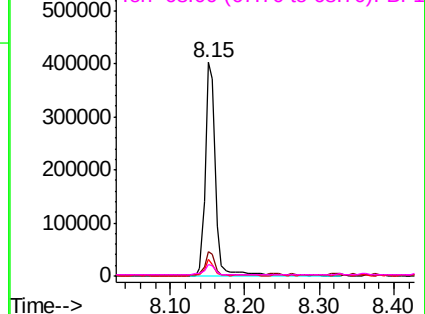
137 11.3 9.0 13.6

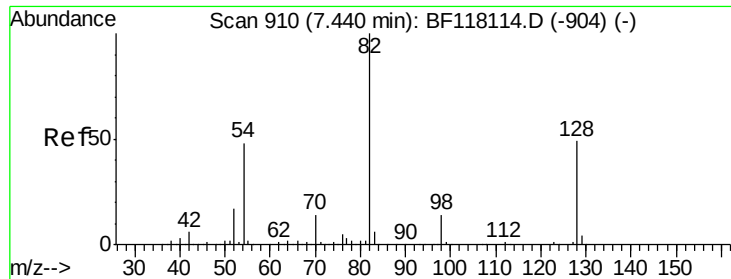
54 7.5 5.0 7.6

68 5.3 3.8 5.8



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

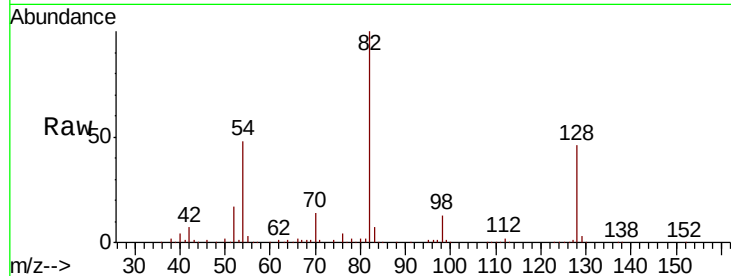




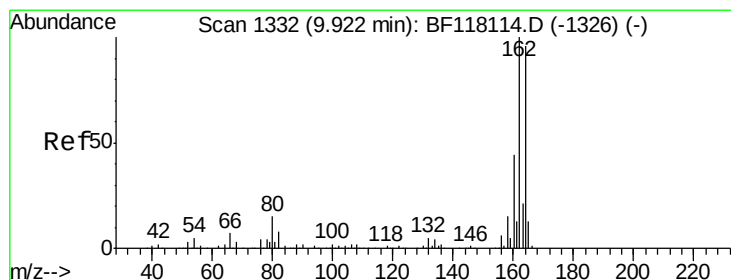
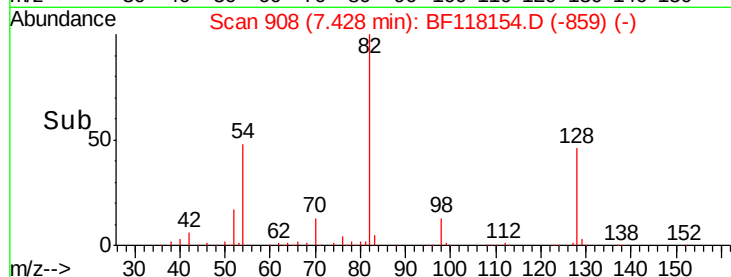
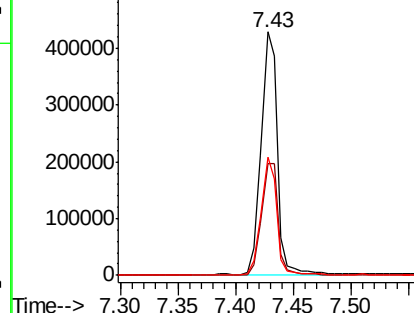
#23
Nitrobenzene-d5
Concen: 60.704 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118154.D
Acq: 9 Dec 2019 19:49

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 426481
Ion Ratio Lower Upper
82 100
128 45.8 39.1 58.7
54 48.3 38.2 57.2

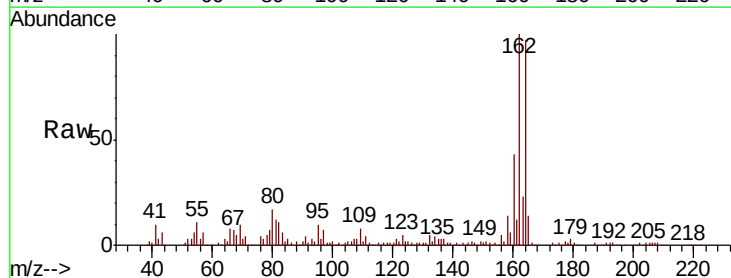


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

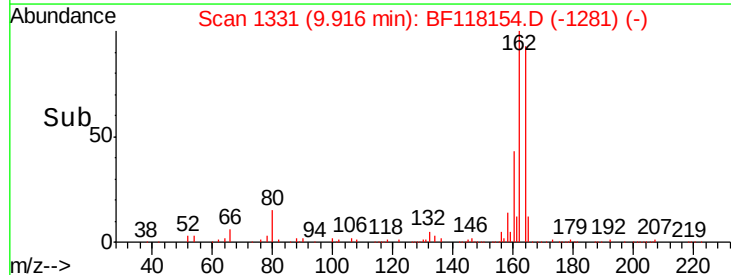
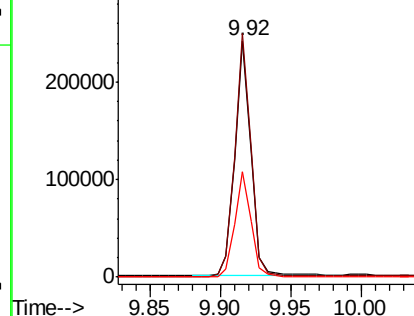


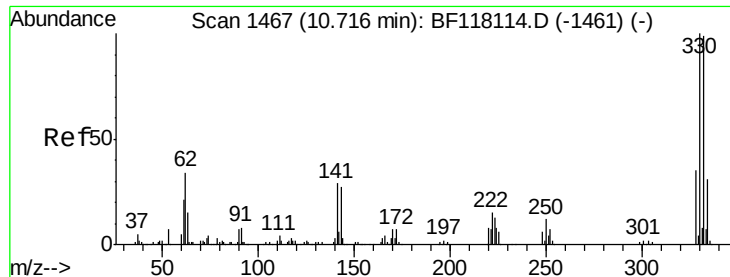
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118154.D
Acq: 9 Dec 2019 19:49

Tgt Ion:164 Resp: 190703
Ion Ratio Lower Upper
164 100
162 103.0 83.4 125.0
160 44.5 36.6 54.8



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

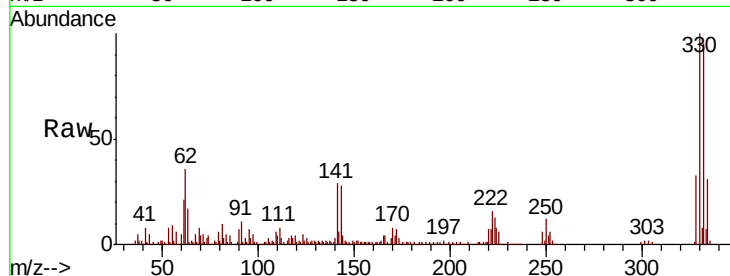




#42
2,4,6-Tribromophenol
Concen: 88.016 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118154.D
Acq: 9 Dec 2019 19:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.1	117.1
141	32.8	26.9	40.3

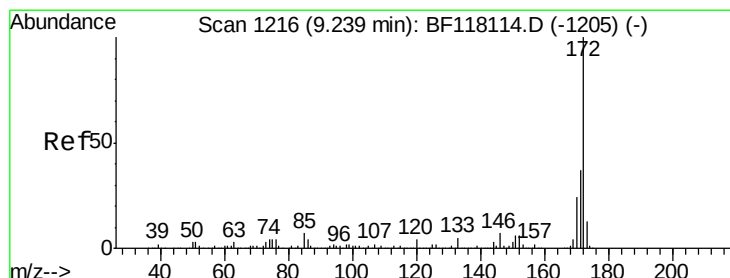
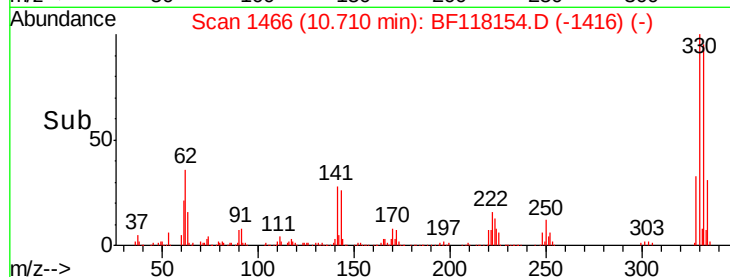
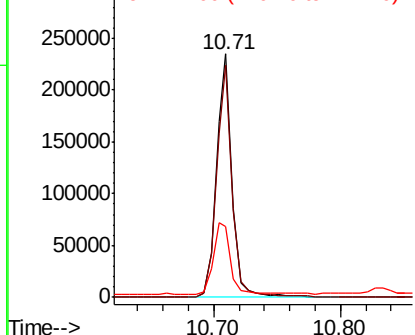


Abundance

Ion 329.80 (329.50 to 330.50): E

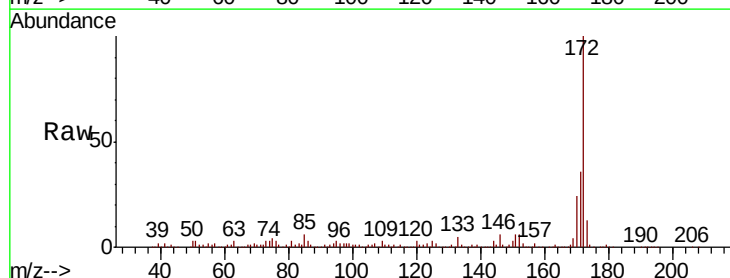
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 66.780 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118154.D
Acq: 9 Dec 2019 19:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.5	19.4	29.2

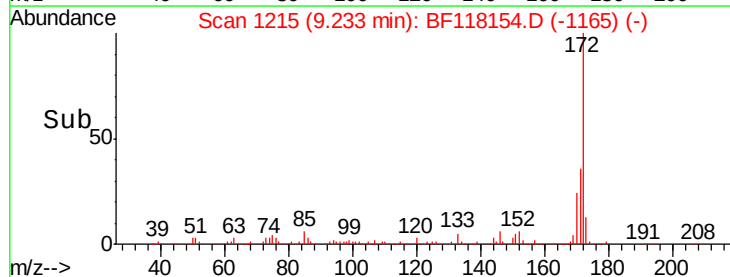
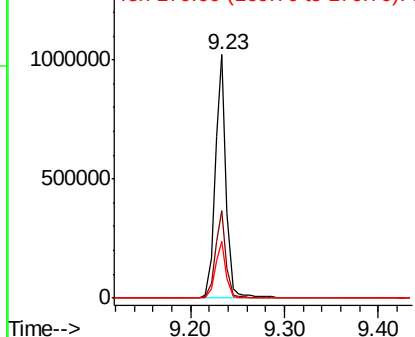


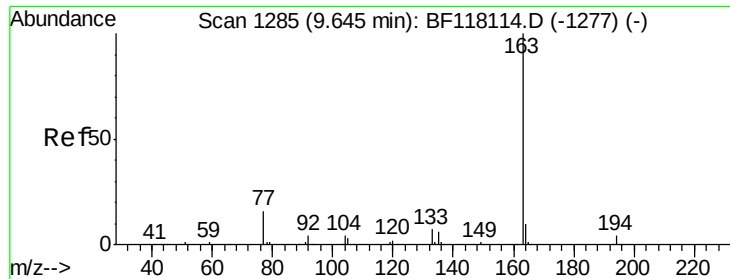
Abundance

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

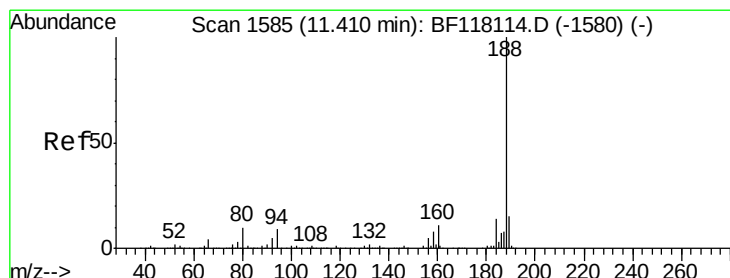
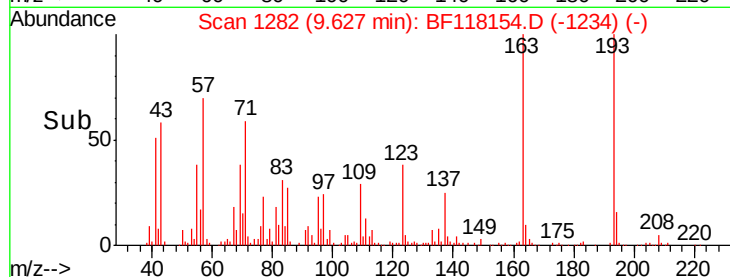
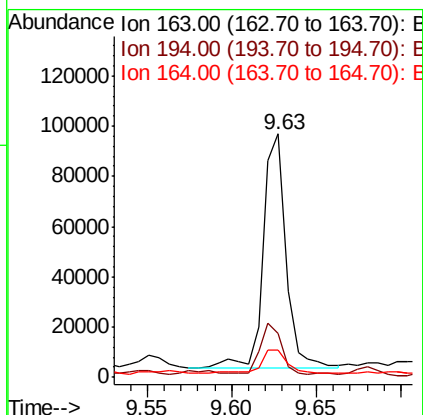
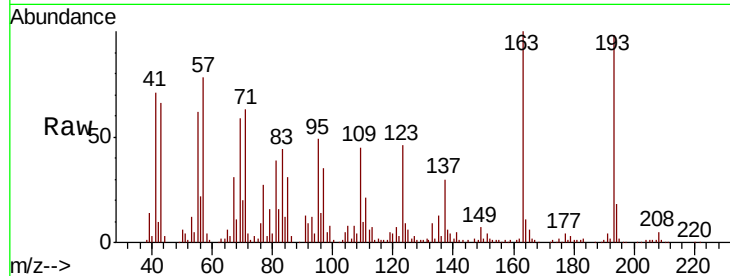




#50
Dimethylphthalate
Concen: 6.186 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118154.D
Acq: 9 Dec 2019 19:49

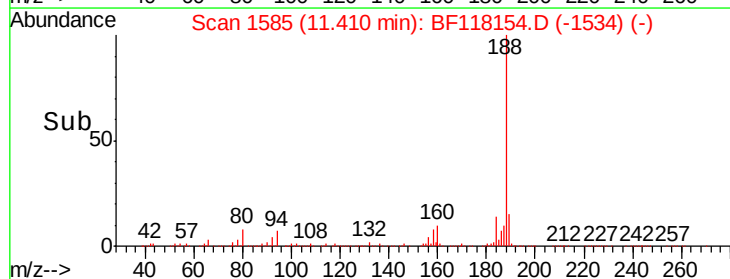
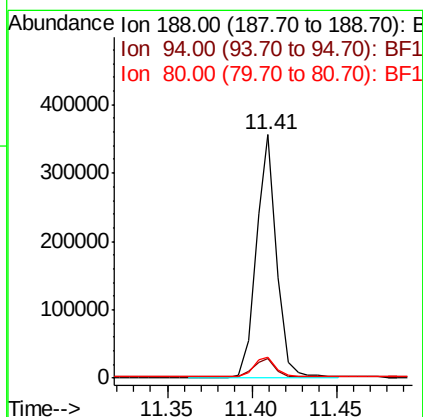
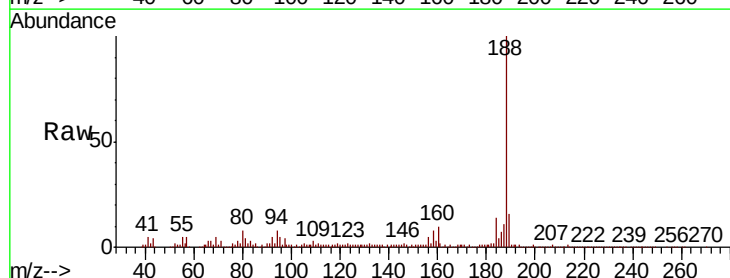
Instrument :
BNA_F
ClientSampleId :

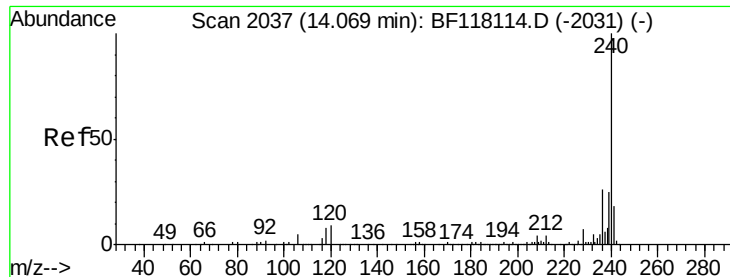
Tot Ion:163 Resp: 87132
Ion Ratio Lower Upper
163 100
194 18.1 3.1 4.7#
164 11.0 7.7 11.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118154.D
Acq: 9 Dec 2019 19:49

Tgt Ion:188 Resp: 298179
Ion Ratio Lower Upper
188 100
94 8.0 7.1 10.7
80 8.4 7.9 11.9

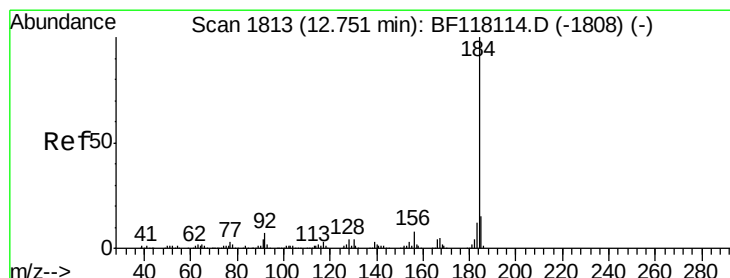
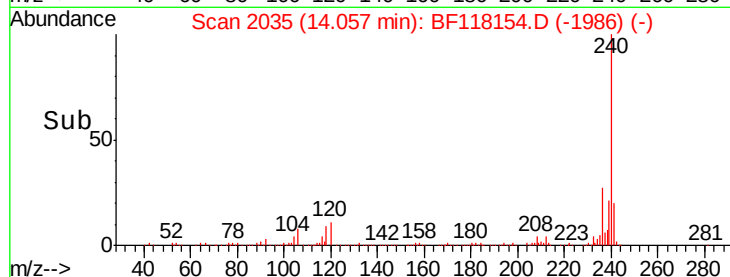
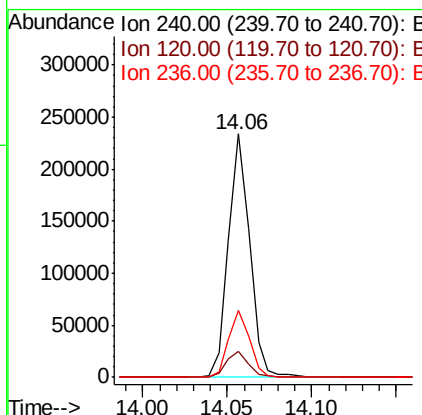
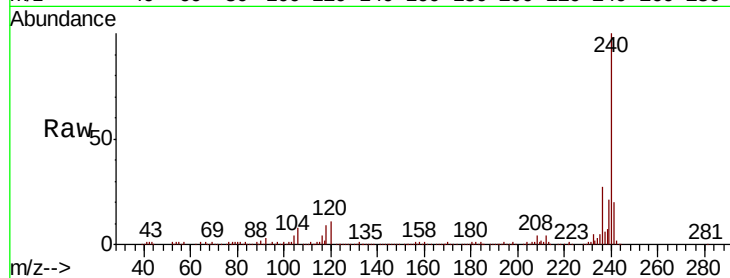




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118154.D
Acq: 9 Dec 2019 19:49

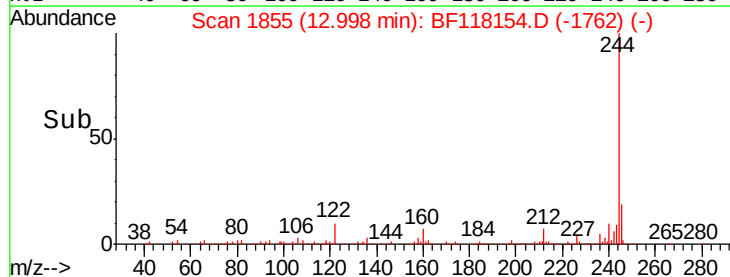
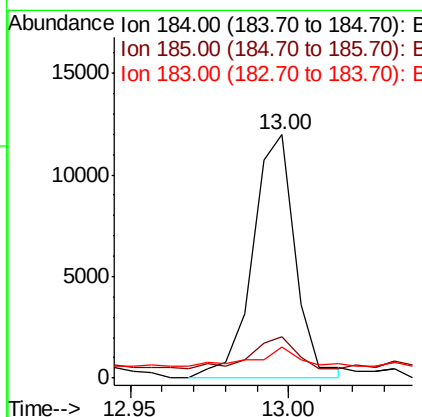
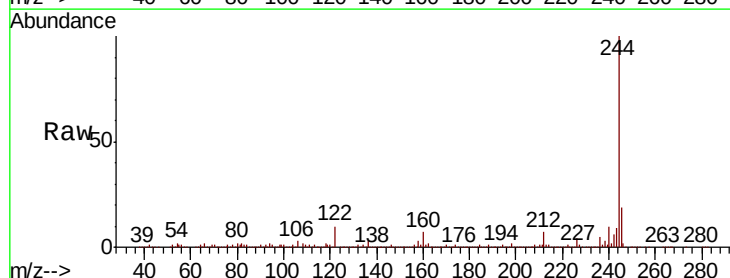
Instrument :
BNA_F
ClientSampleId :

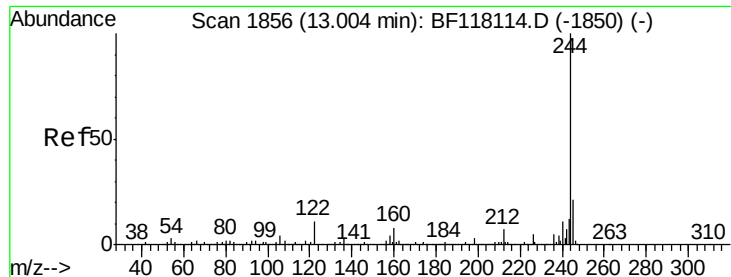
Tot Ion:240 Resp: 205636
Ion Ratio Lower Upper
240 100
120 10.8 7.1 10.7#
236 27.5 21.0 31.6



#77
Benzidine
Concen: 2.071 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.25 min
Lab File: BF118154.D
Acq: 9 Dec 2019 19:49

Tgt Ion:184 Resp: 11212
Ion Ratio Lower Upper
184 100
185 17.0 12.3 18.5
183 12.9 9.9 14.9





#79

Terphenyl-d14

Concen: 60.023 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118154.D

Acq: 9 Dec 2019 19:49

Instrument :

BNA_F

ClientSampled :

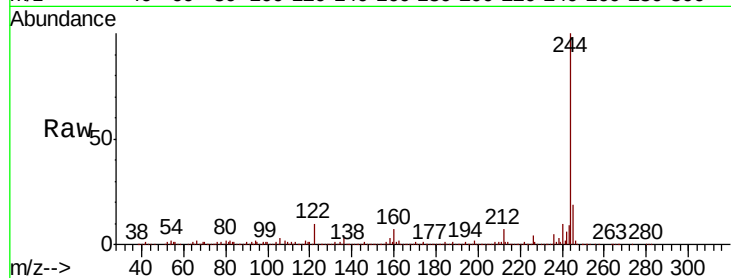
Tot Ion:244 Resp: 717769

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

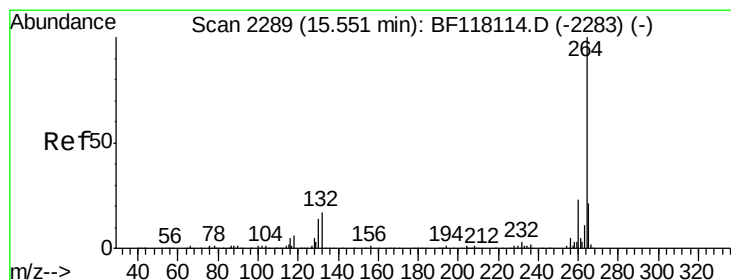
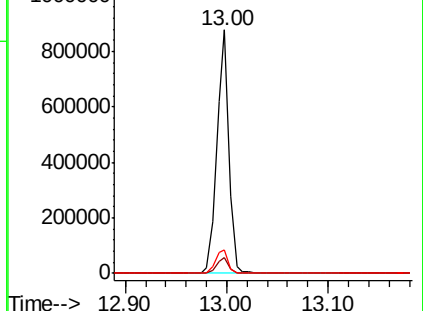
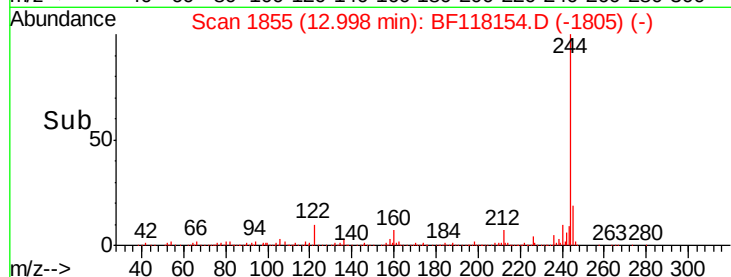
122 9.9 9.0 13.6



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: 15.55 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BF118154.D

Acq: 9 Dec 2019 19:49

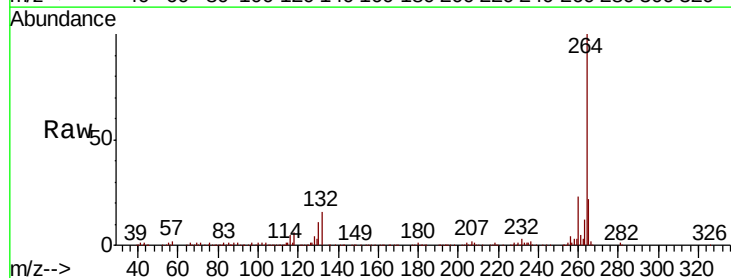
Tgt Ion:264 Resp: 280108

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 22.0 16.8 25.2



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

