

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118089.D
 Acq On : 4 Dec 2019 16:36
 Operator : JU
 Sample : K6119-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(0-2)

Quant Time: Dec 05 01:18:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

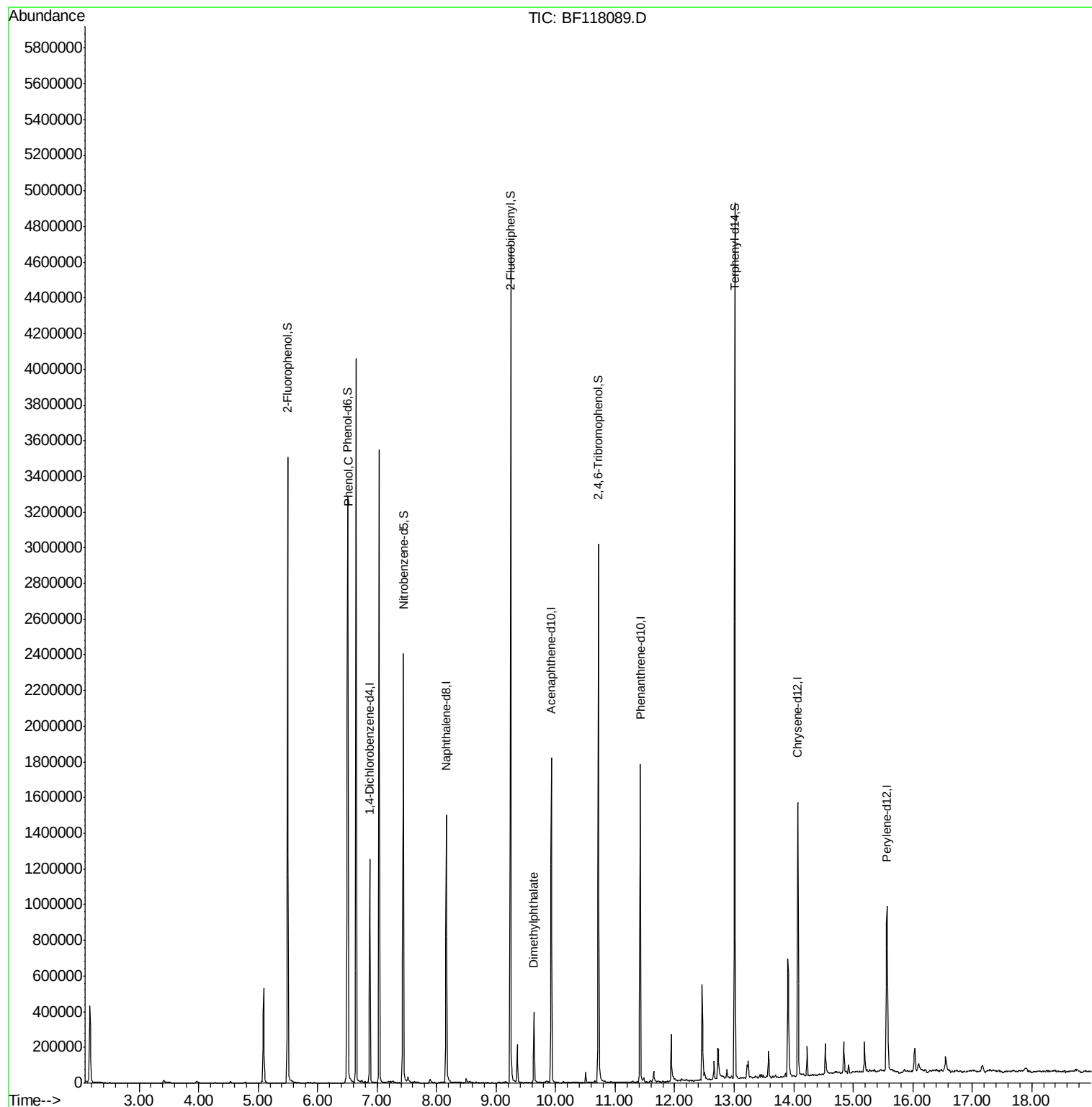
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	176963	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	691587	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	358500	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	654850	20.00	ng	0.00
76) Chrysene-d12	14.07	240	541678	20.00	ng	0.00
87) Perylene-d12	15.57	264	454296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	994495	99.48	ng	0.01
7) Phenol-d6	6.50	99	1286191	106.66	ng	0.00
23) Nitrobenzene-d5	7.44	82	774892	66.61	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	416809	109.82	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1470687	73.60	ng	0.00
79) Terphenyl-d14	13.01	244	1807077	60.97	ng	0.00
Target Compounds						
10) Phenol	6.52	94	38043	3.036	ng	96
50) Dimethylphthalate	9.63	163	178093	7.084	ng	100

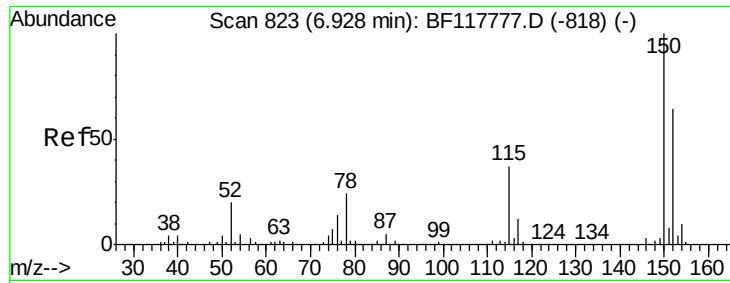
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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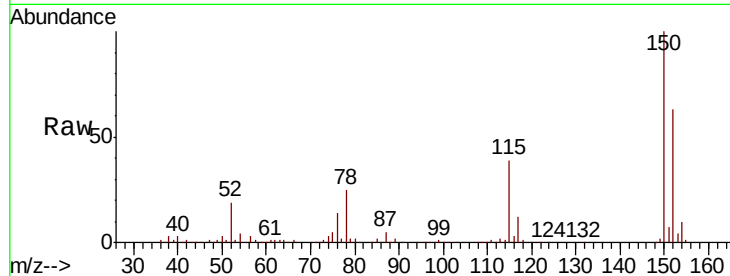




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF118089.D
 Acq: 4 Dec 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	121.4	182.2
115	62.5	48.8	73.2

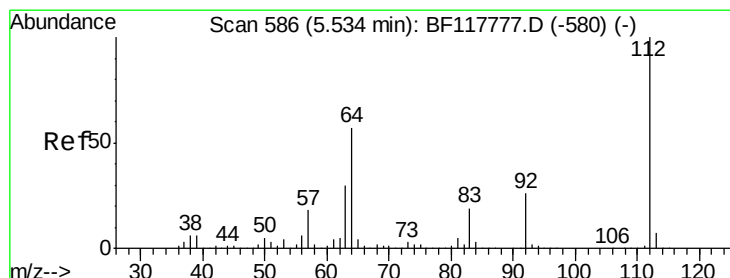
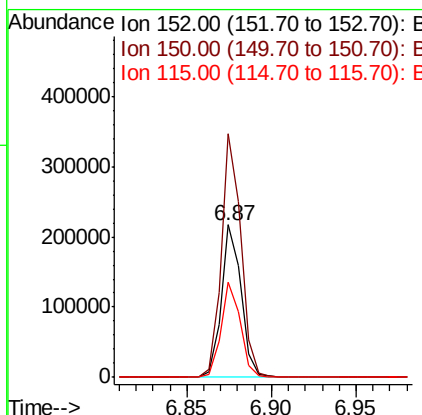
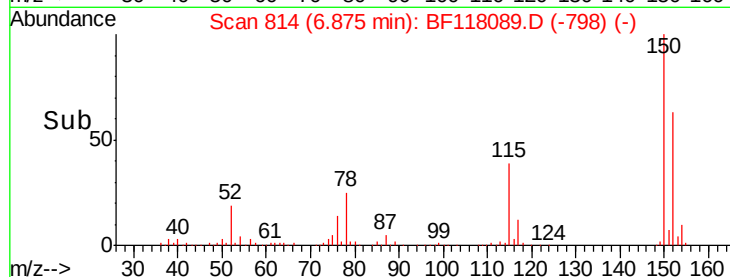


Abundance

Ion 152.00 (151.70 to 152.70): E

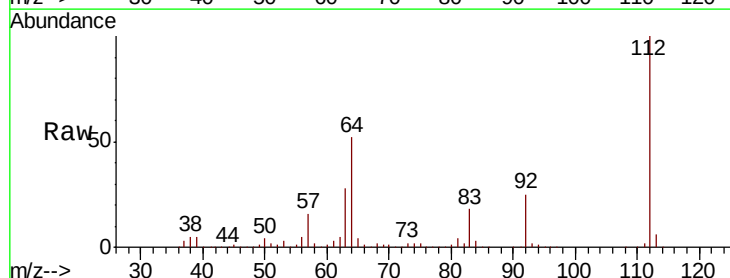
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 99.476 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF118089.D
 Acq: 4 Dec 2019 16:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.9	45.1	67.7
63	27.9	24.6	37.0

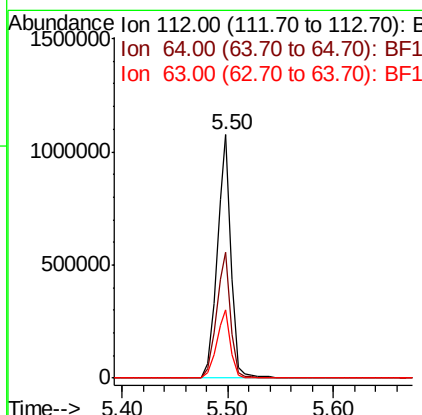
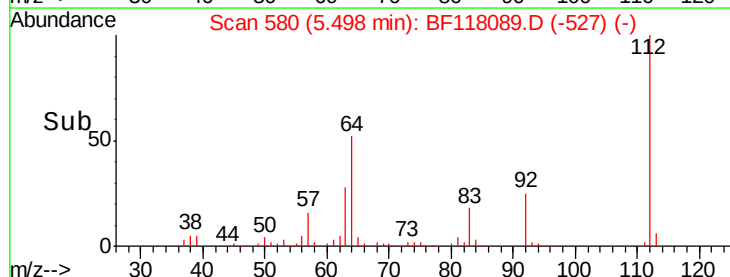


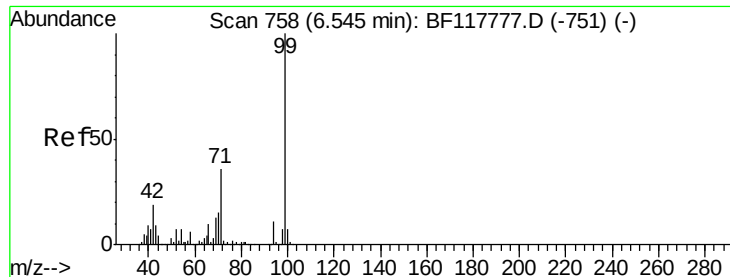
Abundance

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: 106.664 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118089.D

Acq: 4 Dec 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SB-5-(0-2)

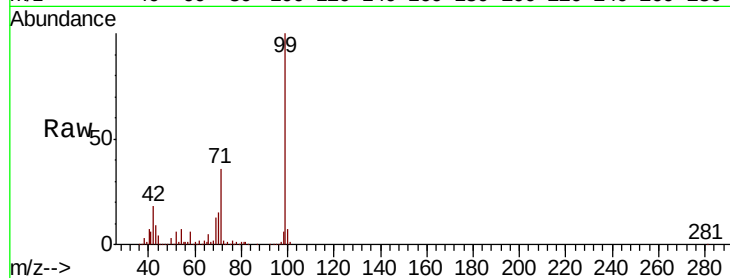
Tot Ion: 99 Resp: 1286191

Ion Ratio Lower Upper

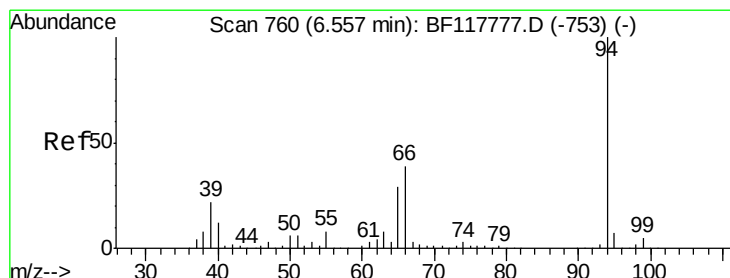
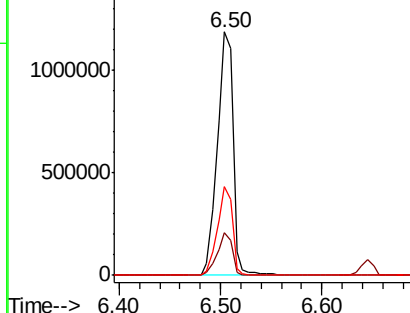
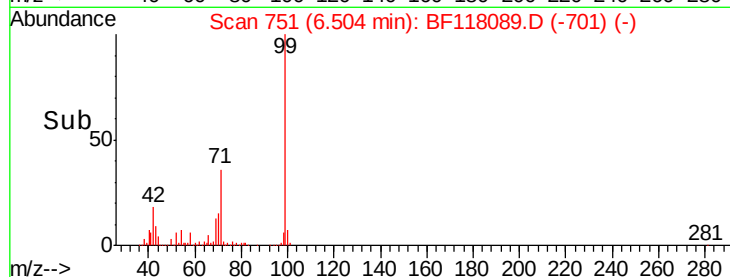
99 100

42 17.5 14.0 21.0

71 36.4 29.2 43.8



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: 3.036 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118089.D

Acq: 4 Dec 2019 16:36

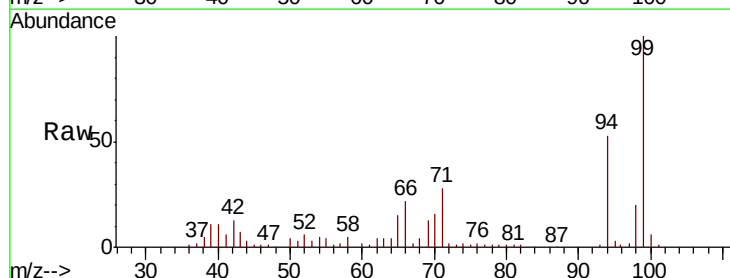
Tgt Ion: 94 Resp: 38043

Ion Ratio Lower Upper

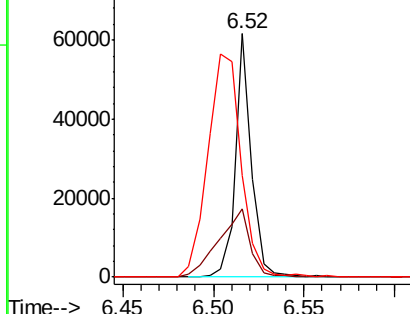
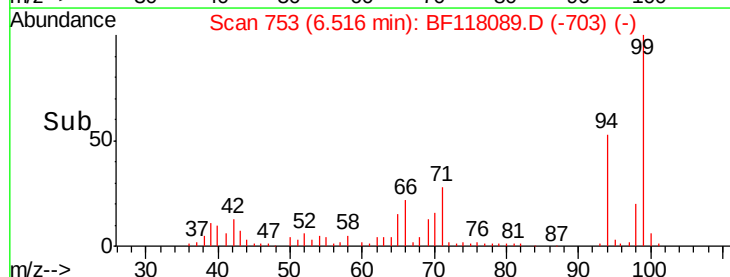
94 100

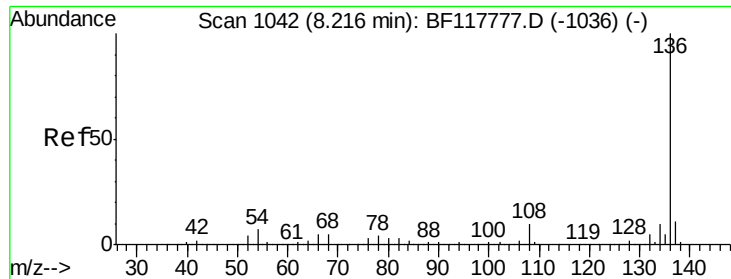
65 28.1 6.9 46.9

66 41.8 18.6 58.6



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

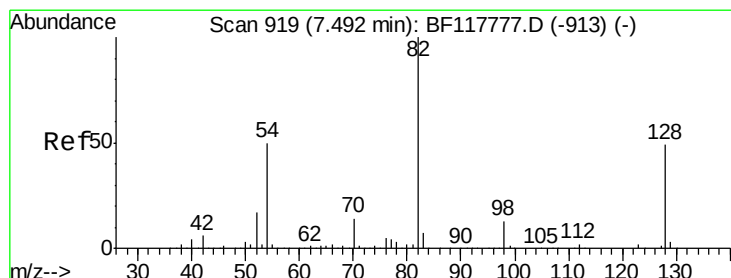
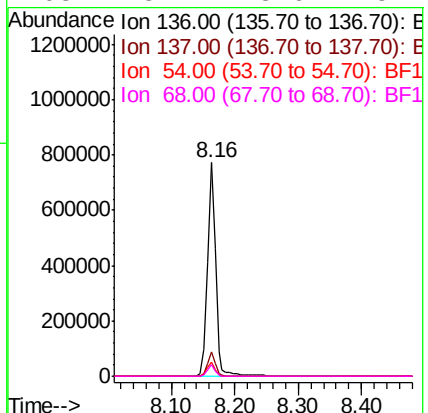
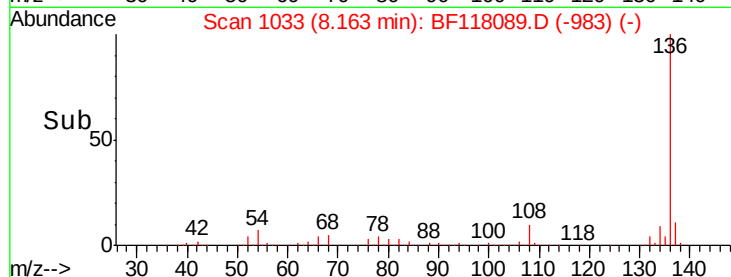
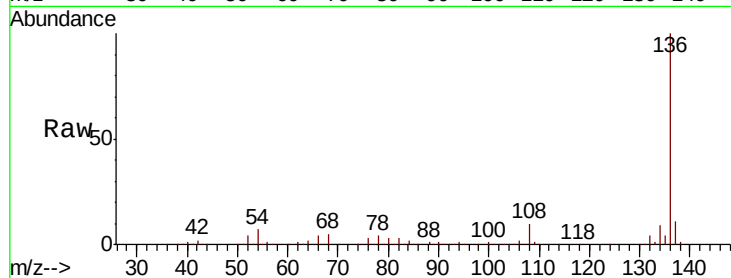




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

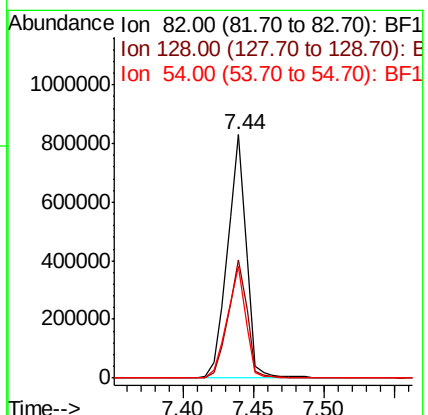
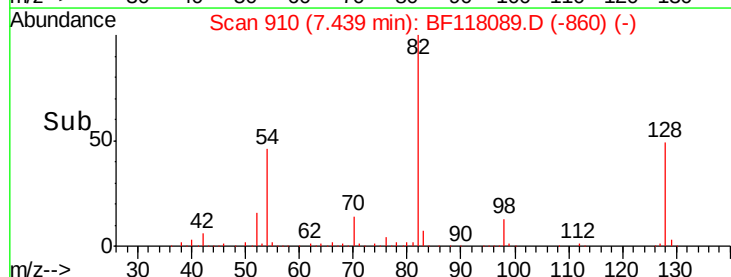
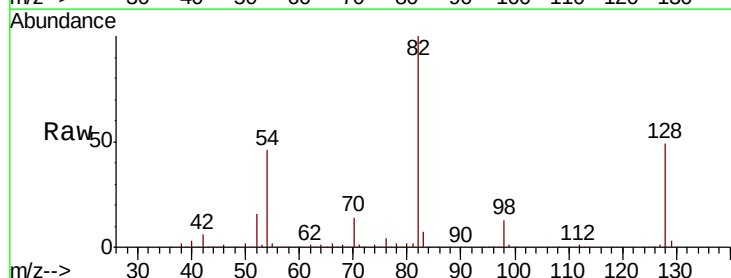
Instrument :
BNA_F
ClientSampleId :
SB-5-(0-2)

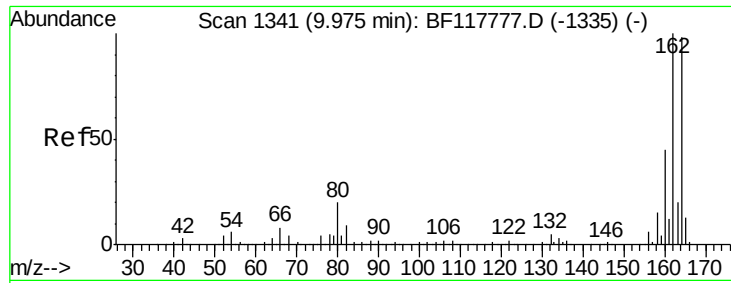
Tot Ion:136	Resp:	691587
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.1 13.7
54	6.5	4.9 7.3
68	5.1	3.6 5.4



#23
Nitrobenzene-d5
Concen: 66.606 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

Tgt Ion: 82	Resp:	774892
Ion Ratio	Lower	Upper
82	100	
128	48.8	38.2 57.4
54	45.9	39.0 58.4

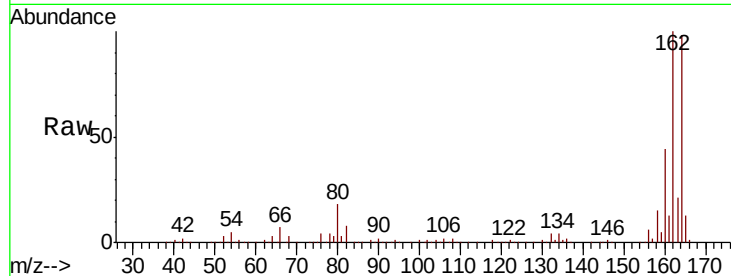




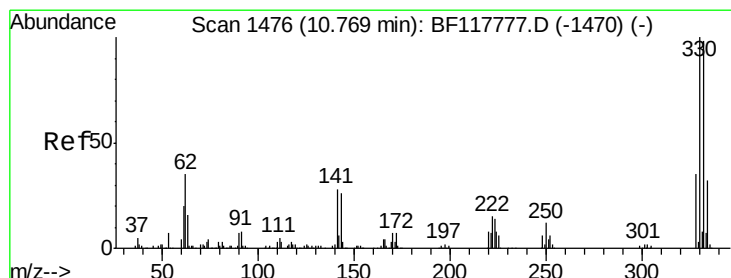
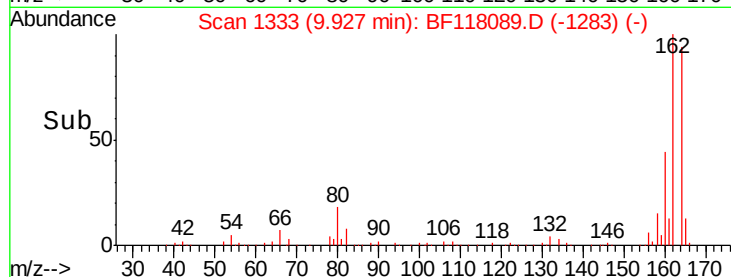
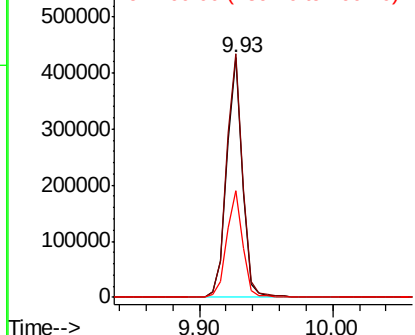
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

Instrument :
BNA_F
ClientSampleId :
SB-5-(0-2)

Tot Ion:164 Resp: 358500
Ion Ratio Lower Upper
164 100
162 101.7 81.8 122.8
160 44.7 35.9 53.9

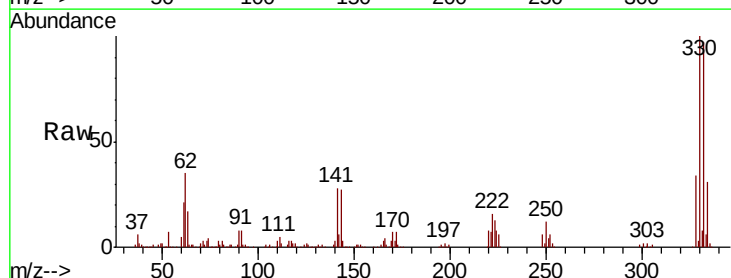


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

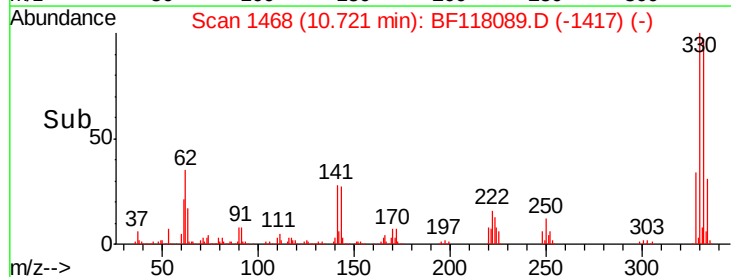
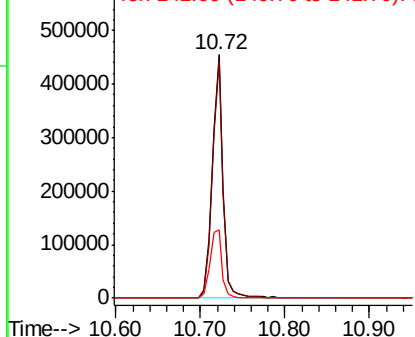


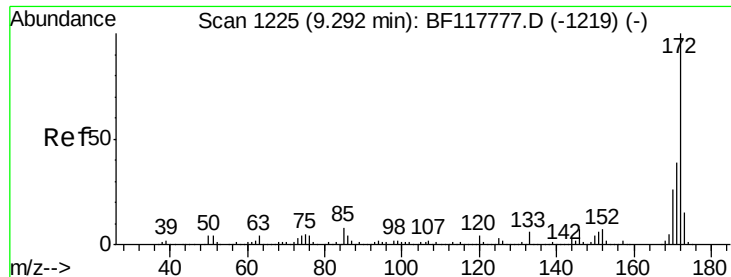
#42
2,4,6-Tribromophenol
Concen: 109.819 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

Tgt Ion:330 Resp: 416809
Ion Ratio Lower Upper
330 100
332 96.7 78.3 117.5
141 31.3 26.4 39.6



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

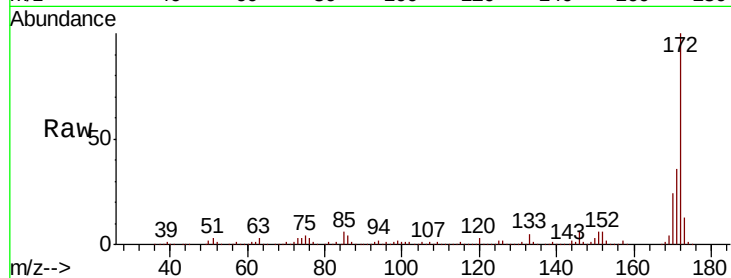




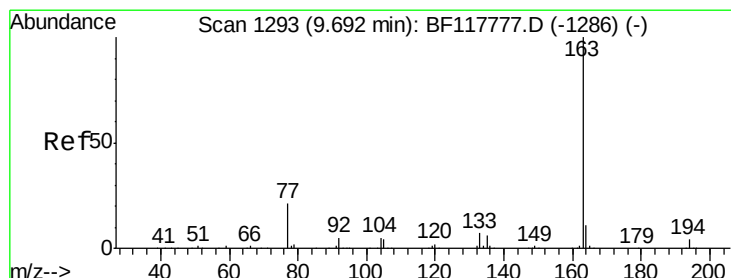
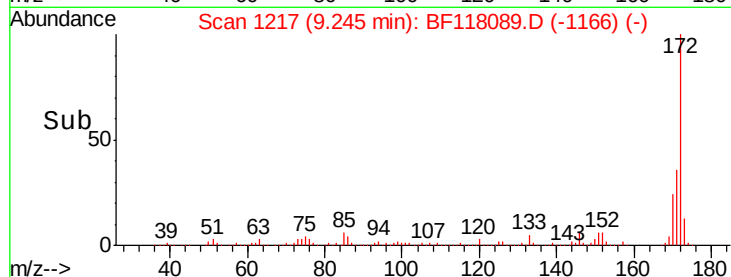
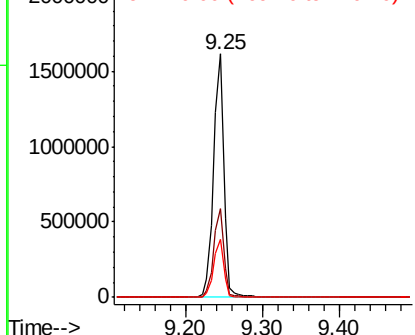
#45
2-Fluorobiphenyl
Concen: 73.597 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

Instrument :
BNA_F
ClientSampleId :
SB-5-(0-2)

Tot Ion:172 Resp: 1470687
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 23.9 19.3 28.9

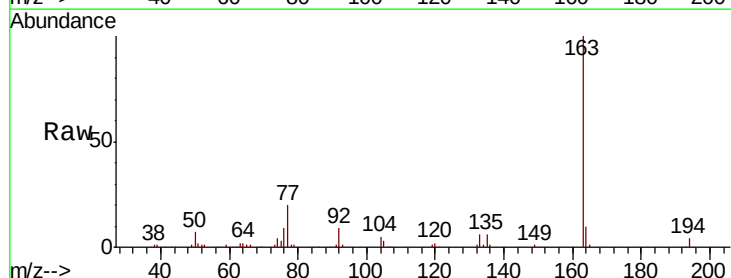


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

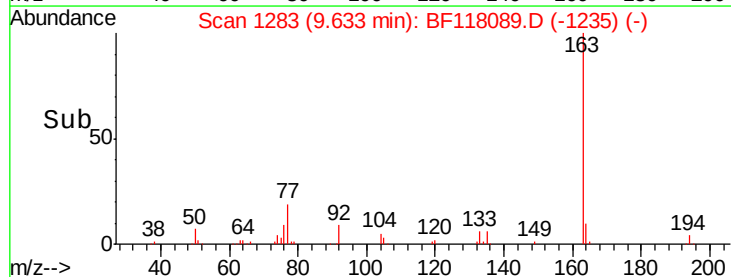
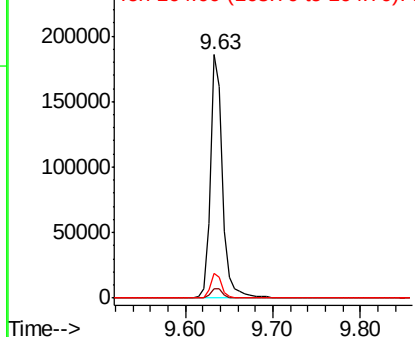


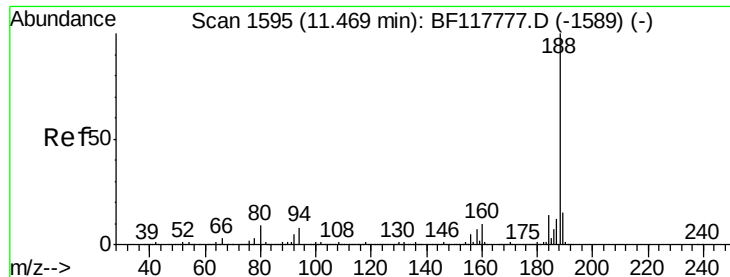
#50
Dimethylphthalate
Concen: 7.084 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

Tgt Ion:163 Resp: 178093
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.1 7.9 11.9



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# 1587

Delta R.T. -0.00 min

Lab File: BF118089.D

Acq: 4 Dec 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SB-5-(0-2)

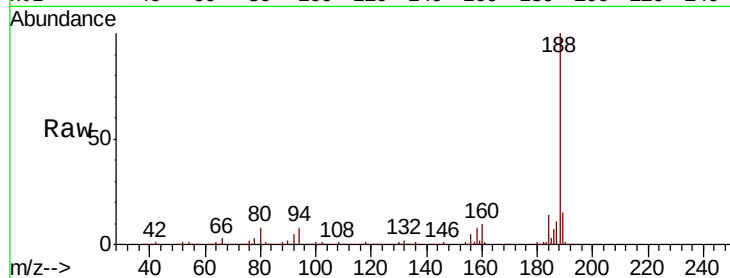
Tot Ion:188 Resp: 654850

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

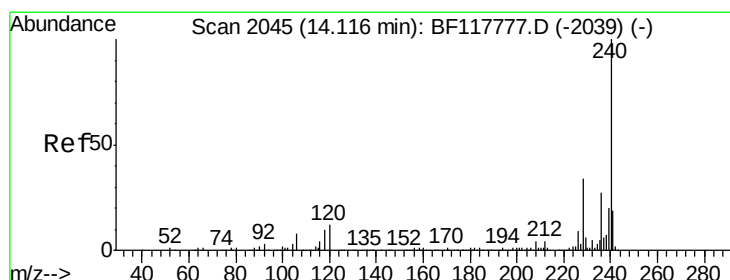
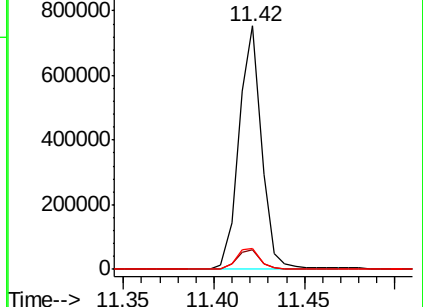
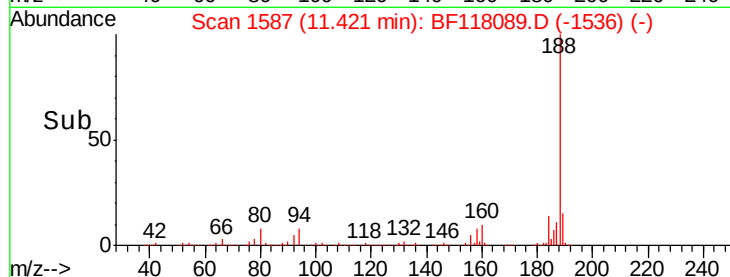
80 8.4 7.2 10.8



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: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF118089.D

Acq: 4 Dec 2019 16:36

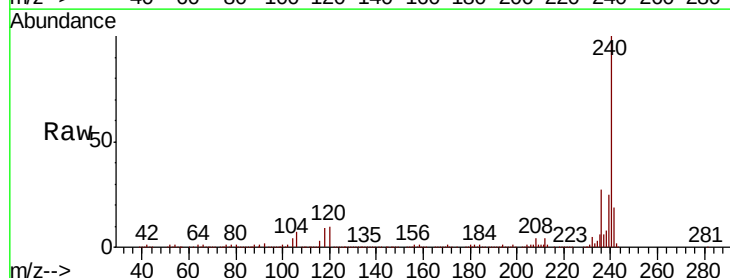
Tgt Ion:240 Resp: 541678

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

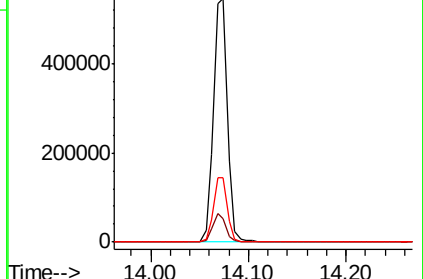
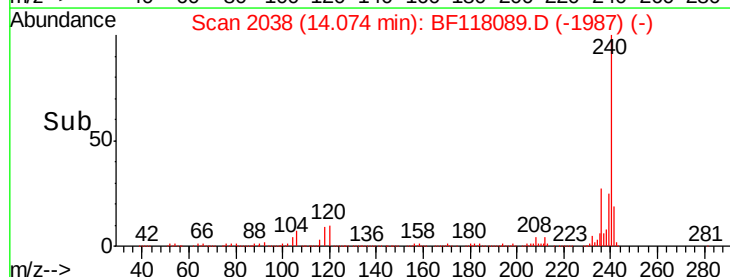
236 26.7 20.6 31.0

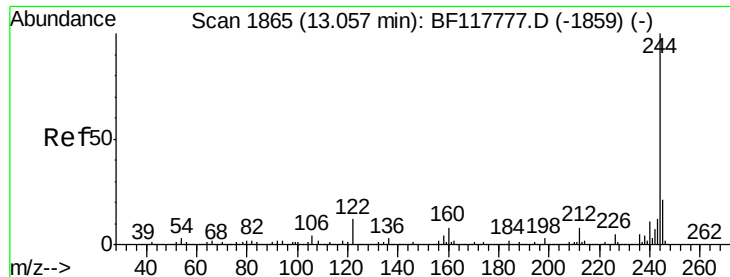


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.970 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BF118089.D

Acq: 4 Dec 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SB-5-(0-2)

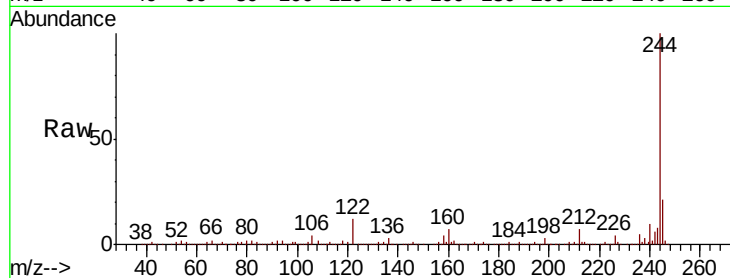
Tot Ion:244 Resp: 1807077

Ion Ratio Lower Upper

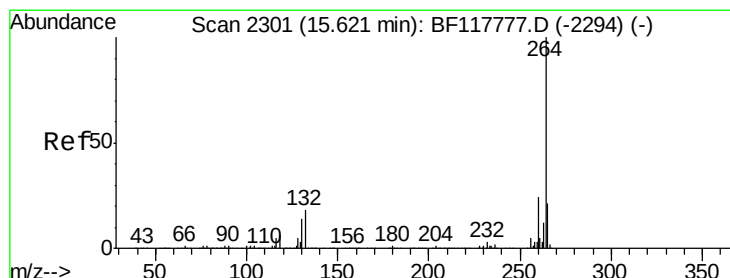
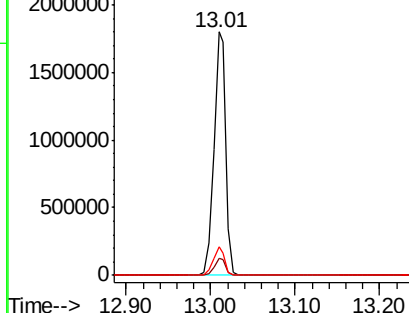
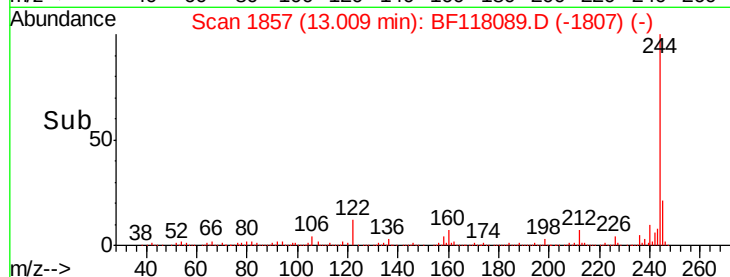
244 100

212 7.1 5.2 7.8

122 11.9 7.2 10.8#



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: 15.57 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BF118089.D

Acq: 4 Dec 2019 16:36

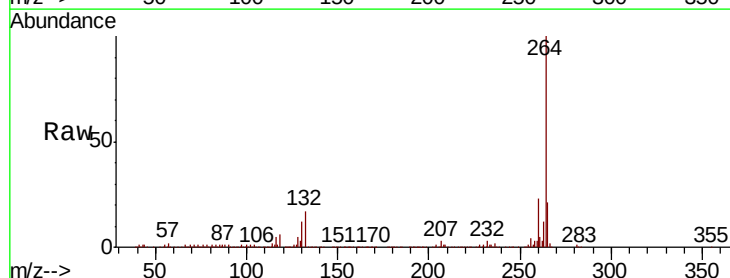
Tgt Ion:264 Resp: 454296

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 21.1 16.4 24.6



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

