

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
 Data File : BF118847.D
 Acq On : 7 Feb 2020 13:40
 Operator : CG/JU
 Sample : L1431-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-209

Quant Time: Feb 08 03:54:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

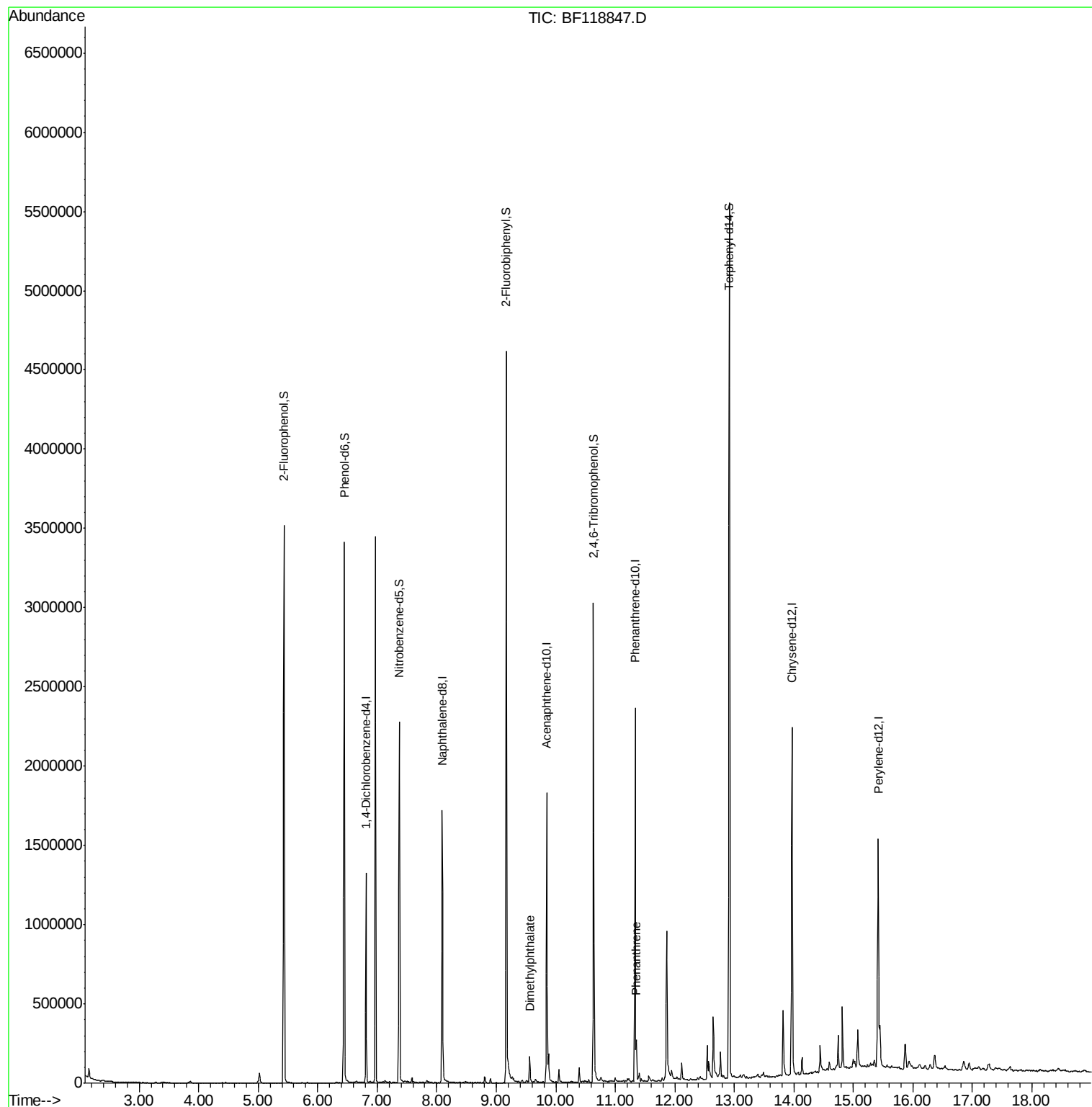
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	207028	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	781835	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	453913	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	891198	20.00	ng	0.00
76) Chrysene-d12	13.97	240	733551	20.00	ng	-0.01
87) Perylene-d12	15.42	264	737808	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	997139	91.17	ng	0.00
7) Phenol-d6	6.45	99	1181684	87.04	ng	0.00
23) Nitrobenzene-d5	7.37	82	768187	58.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	480258	88.43	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1582762	62.34	ng	-0.01
79) Terphenyl-d14	12.92	244	2138614	59.88	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.56	163	77506	2.508	ng	98
71) Phenanthrene	11.36	178	94530	2.156	ng	95

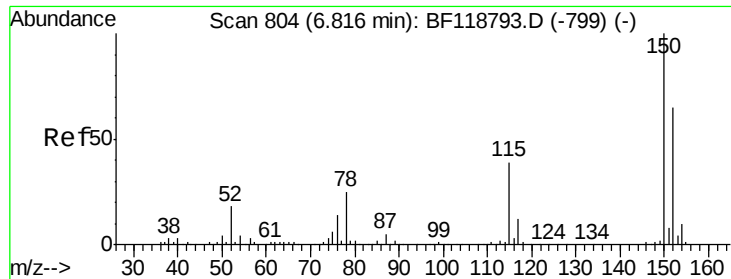
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



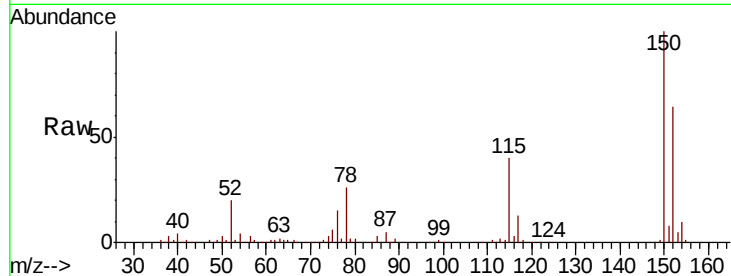


#1

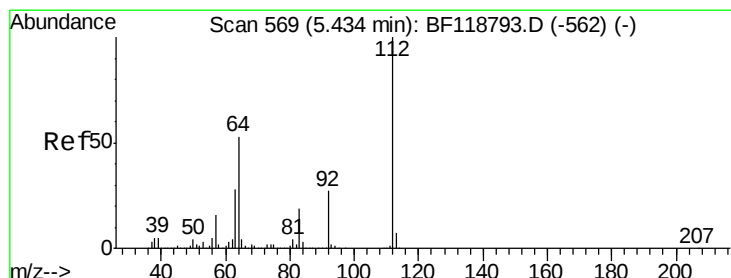
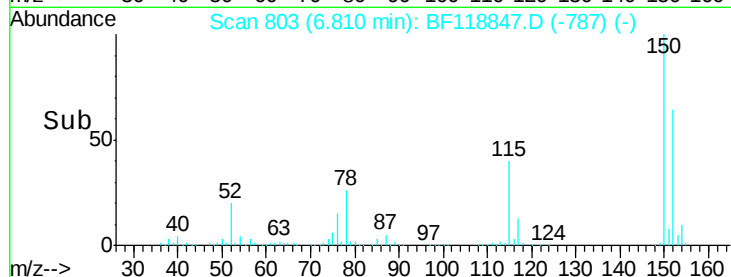
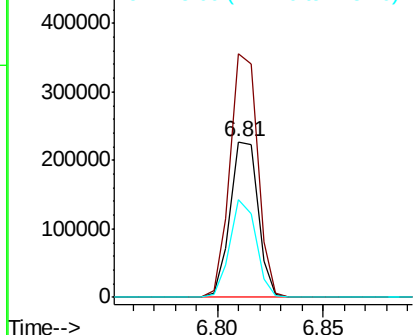
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118847.D
Acq: 7 Feb 2020 13:40

Instrument :
BNA_F
ClientSampleId :
VNJ-209

Tot Ion:152 Resp: 207028
Ion Ratio Lower Upper
152 100
150 156.4 123.6 185.4
115 62.8 48.2 72.2



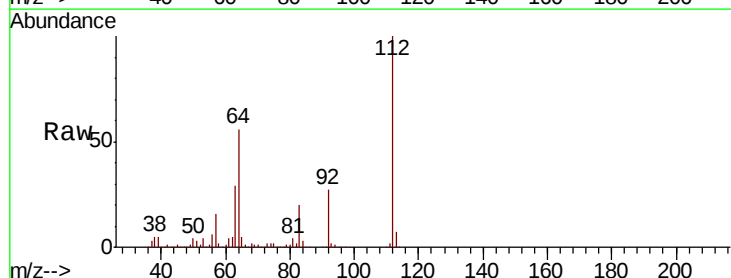
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



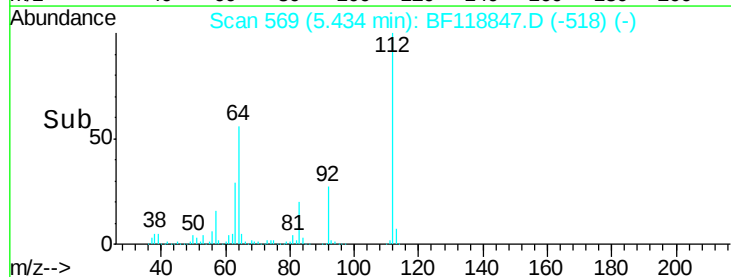
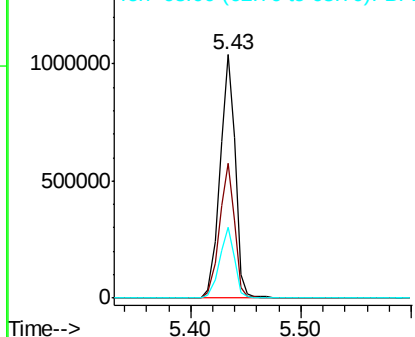
#5

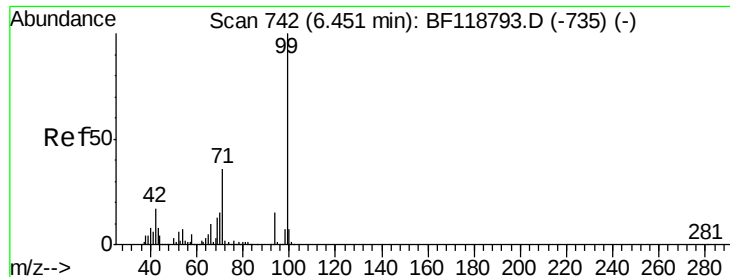
2-Fluorophenol
Concen: 91.172 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF118847.D
Acq: 7 Feb 2020 13:40

Tgt Ion:112 Resp: 997139
Ion Ratio Lower Upper
112 100
64 55.5 42.6 63.8
63 29.3 22.2 33.4



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: 87.038 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118847.D

Acq: 7 Feb 2020 13:40

Instrument :

BNA_F

ClientSampleId :

VNJ-209

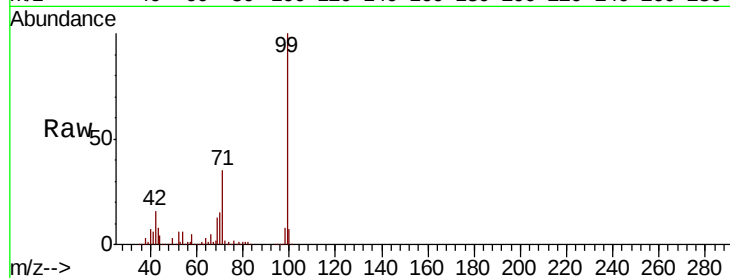
Tot Ion: 99 Resp: 1181684

Ion Ratio Lower Upper

99 100

42 16.3 13.4 20.0

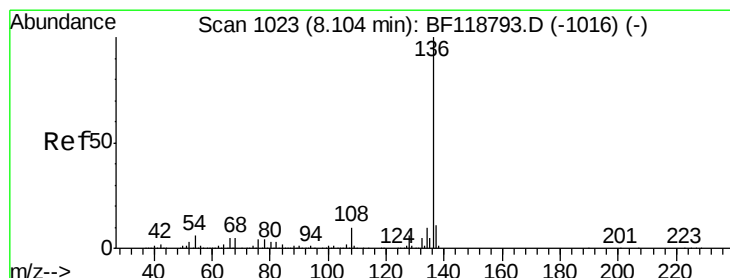
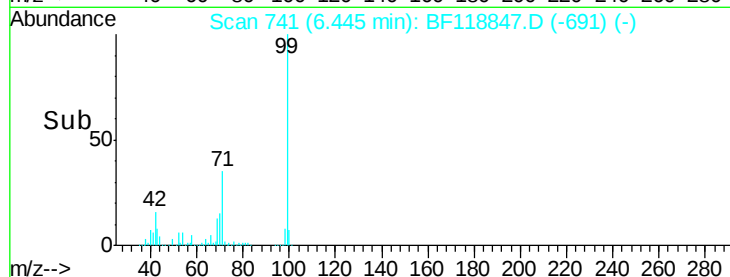
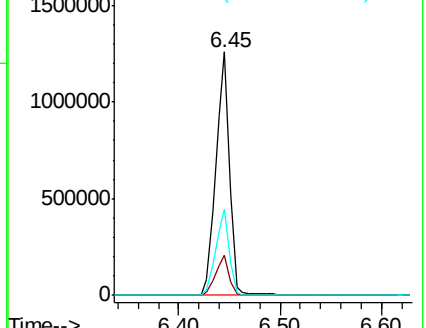
71 35.2 29.0 43.6



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118847.D

Acq: 7 Feb 2020 13:40

Tgt Ion: 136 Resp: 781835

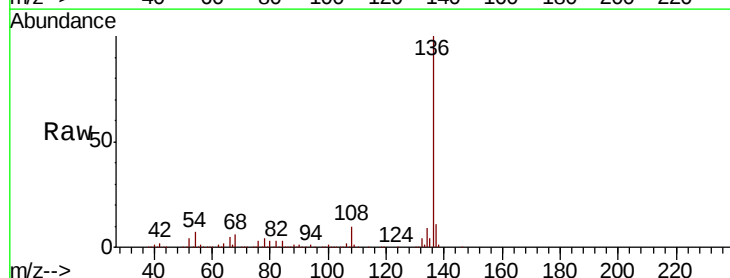
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 6.9 5.0 7.6

68 5.8 4.2 6.4

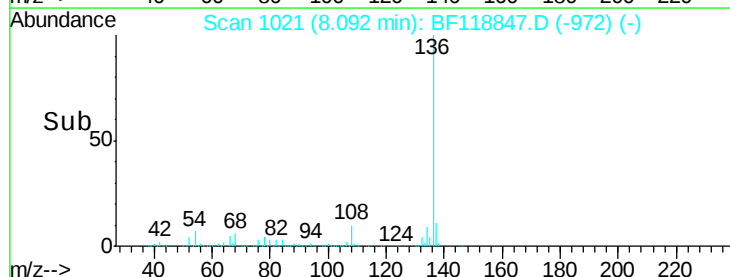
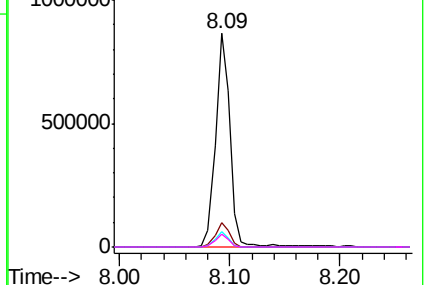


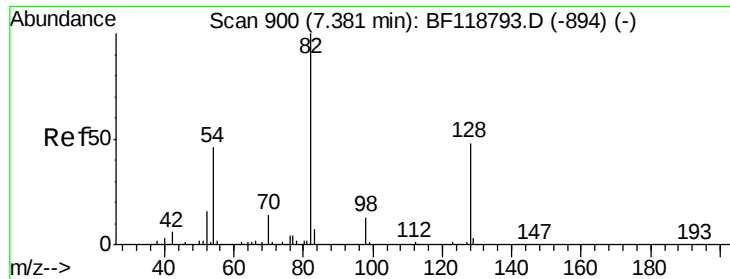
Abundance Ion 136.00 (135.70 to 136.70): E

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

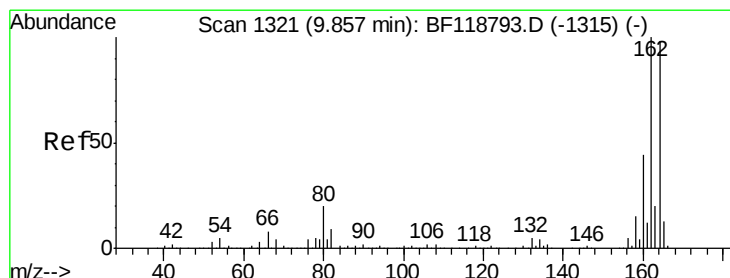
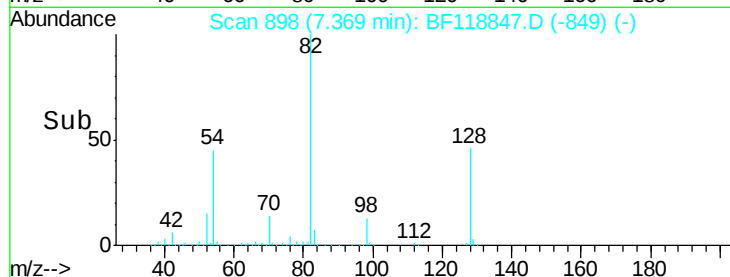
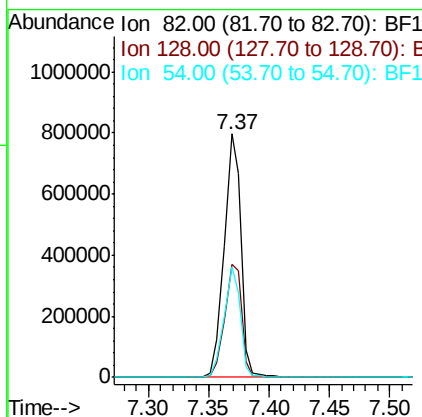
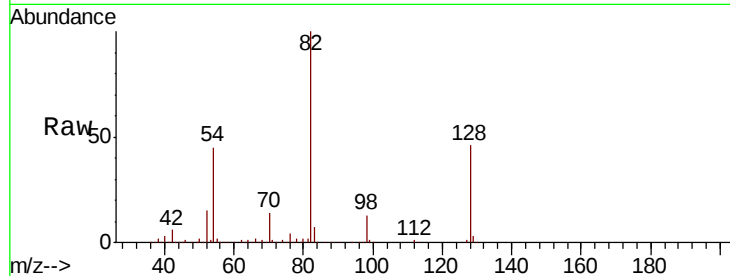




#23
Nitrobenzene-d5
Concen: 58.564 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118847.D
Acq: 7 Feb 2020 13:40

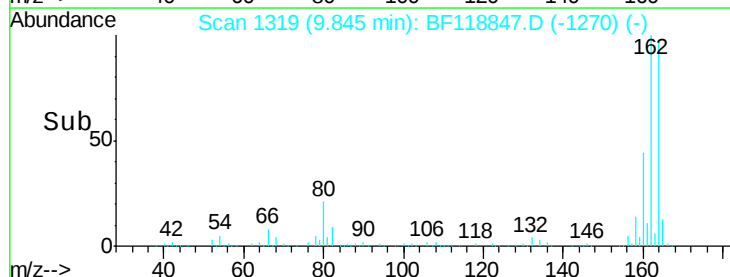
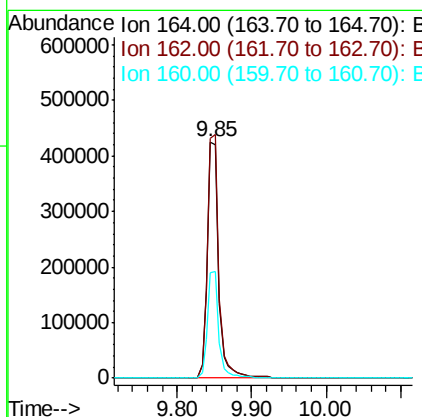
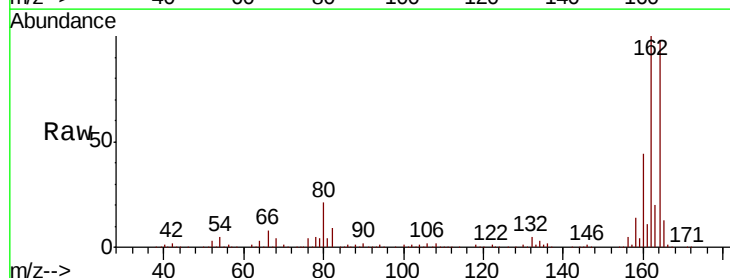
Instrument :
BNA_F
ClientSampled :
VNJ-209

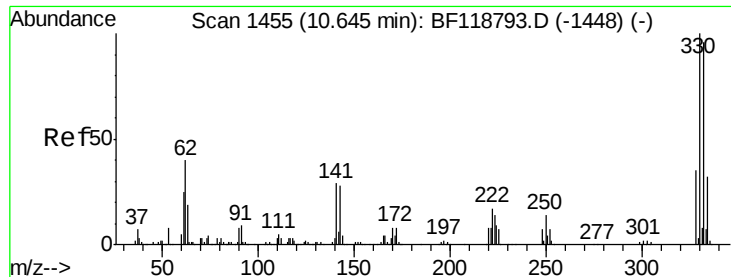
Tot Ion: 82 Resp: 768187
Ion Ratio Lower Upper
82 100
128 46.3 38.5 57.7
54 45.1 36.7 55.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118847.D
Acq: 7 Feb 2020 13:40

Tgt Ion: 164 Resp: 453913
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.2
160 44.4 35.6 53.4

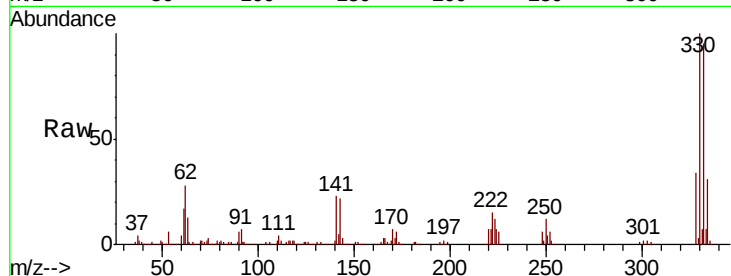




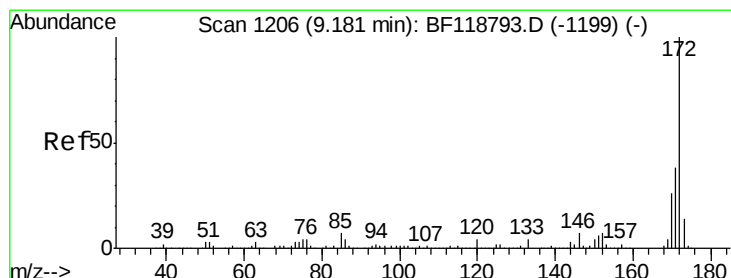
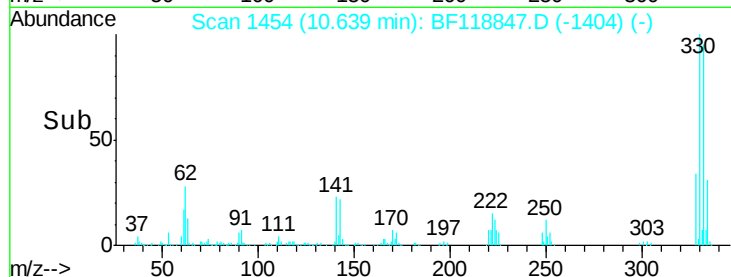
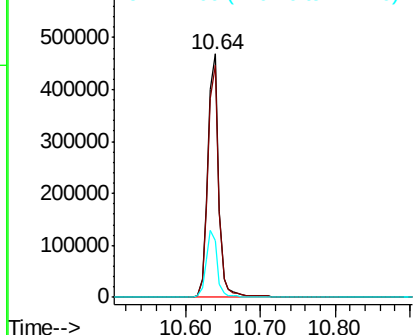
#42
 2,4,6-Tribromophenol
 Concen: 88.426 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF118847.D
 Acq: 7 Feb 2020 13:40

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-209

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	28.2	22.4	33.6

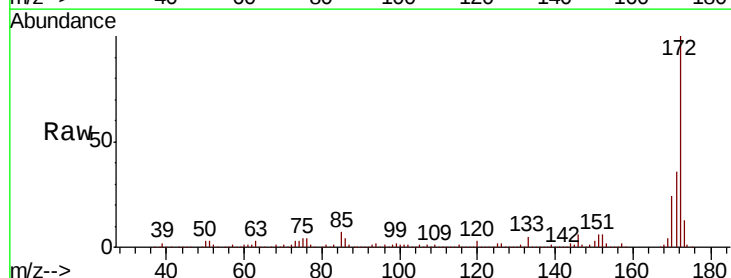


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

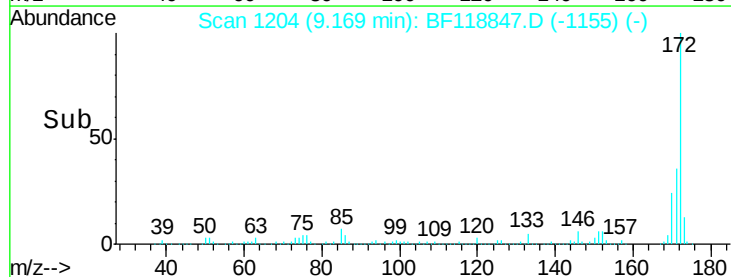
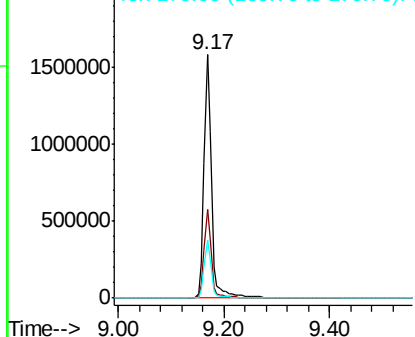


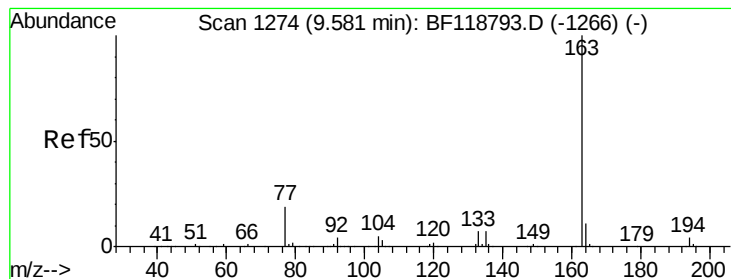
#45
 2-Fluorobiphenyl
 Concen: 62.336 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118847.D
 Acq: 7 Feb 2020 13:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.8	46.2
170	23.9	20.5	30.7



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: 2.508 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF118847.D

Acq: 7 Feb 2020 13:40

Instrument :

BNA_F

ClientSampleId :

VNJ-209

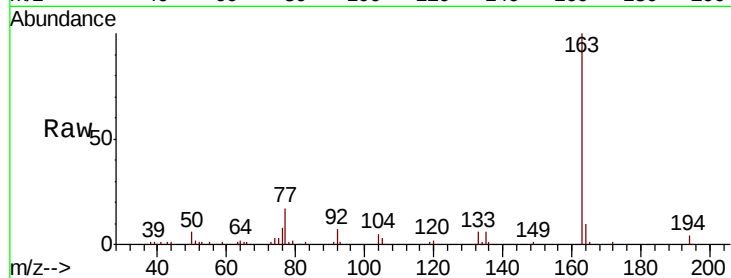
Tot Ion:163 Resp: 77506

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

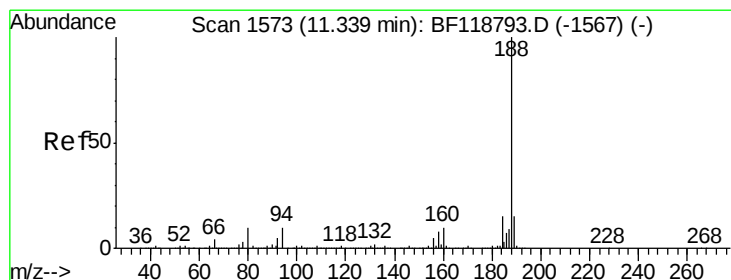
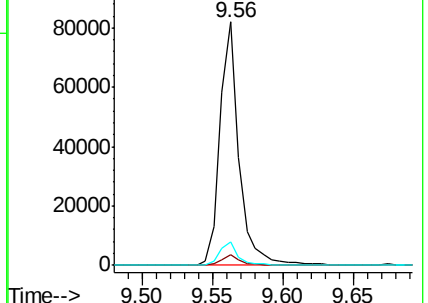
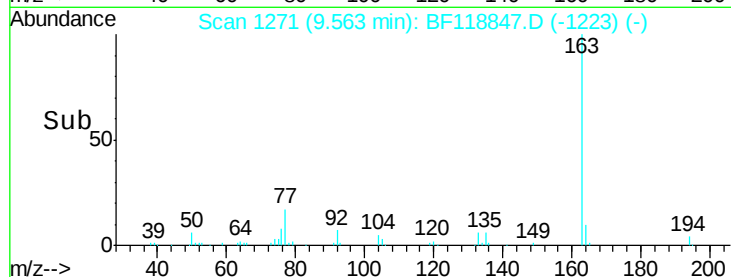
164 9.7 8.7 13.1



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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF118847.D

Acq: 7 Feb 2020 13:40

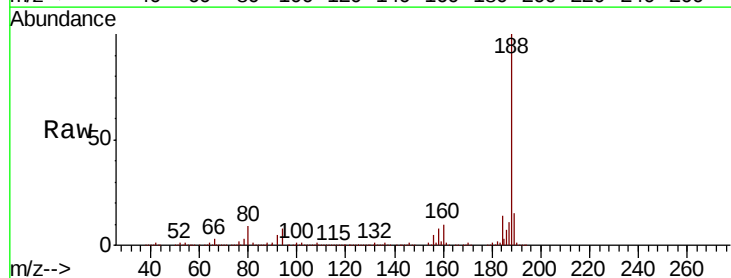
Tgt Ion:188 Resp: 891198

Ion Ratio Lower Upper

188 100

94 8.4 7.9 11.9

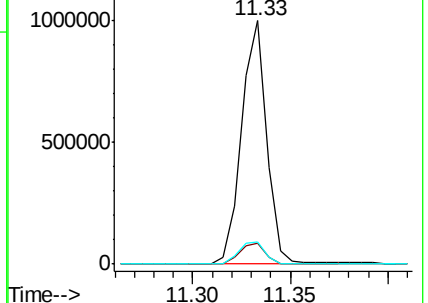
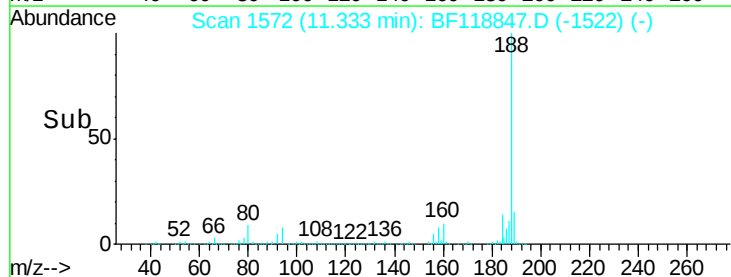
80 8.9 8.4 12.6

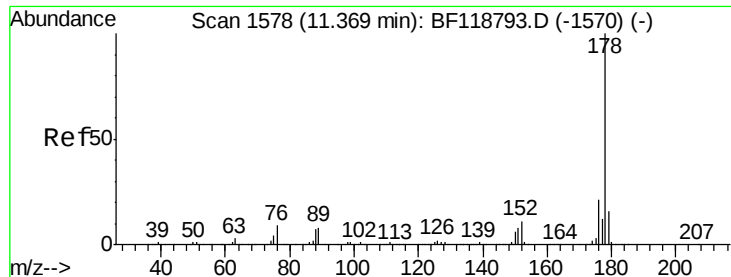


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 2.156 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF118847.D

Acq: 7 Feb 2020 13:40

Instrument :

BNA_F

ClientSampleId :

VNJ-209

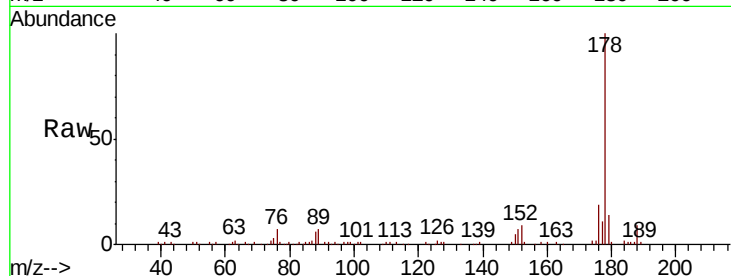
Tot Ion:178 Resp: 94530

Ion Ratio Lower Upper

178 100

176 18.6 16.6 24.8

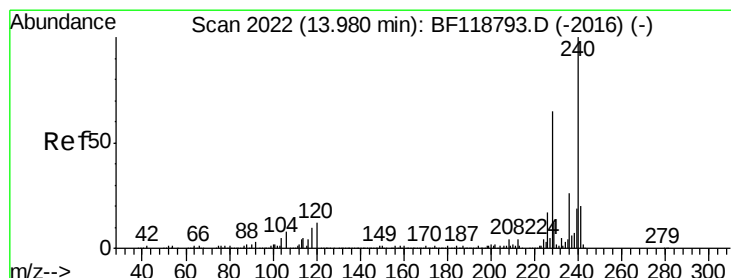
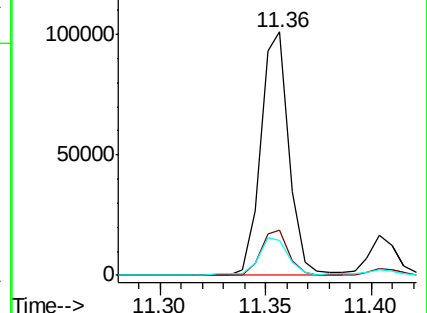
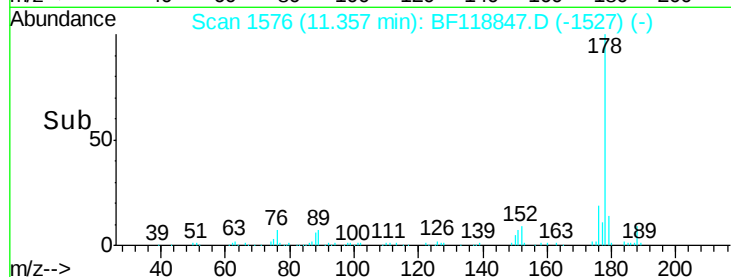
179 14.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF118847.D

Acq: 7 Feb 2020 13:40

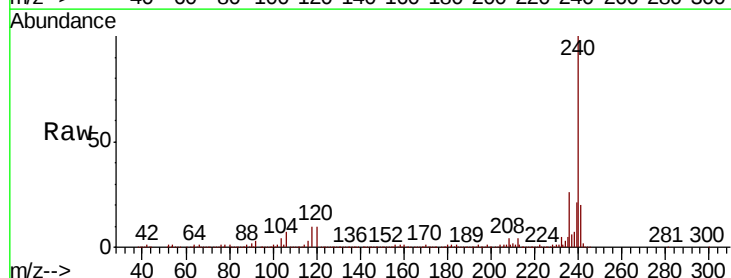
Tgt Ion:240 Resp: 733551

Ion Ratio Lower Upper

240 100

120 10.1 9.4 14.0

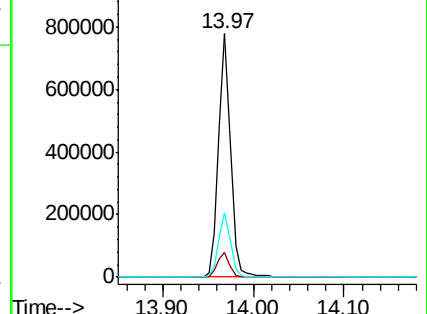
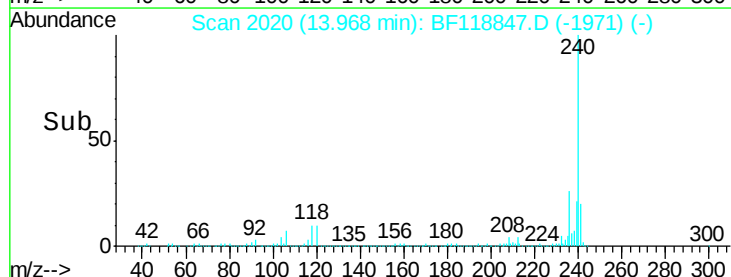
236 26.4 21.0 31.6

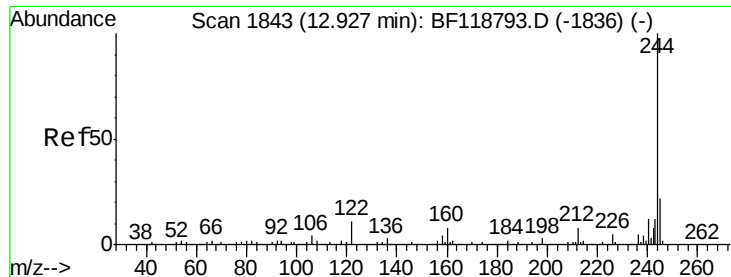


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 59.884 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF118847.D

Acq: 7 Feb 2020 13:40

Instrument :

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ClientSampleId :

VNJ-209

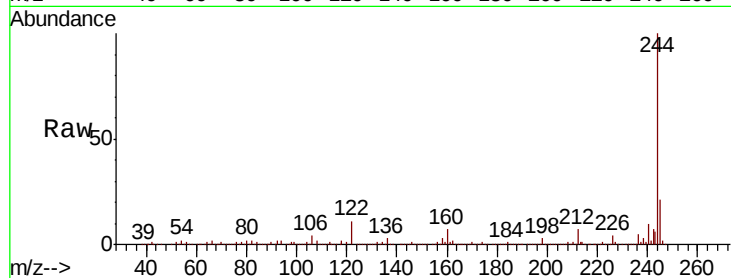
Tot Ion:244 Resp: 2138614

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

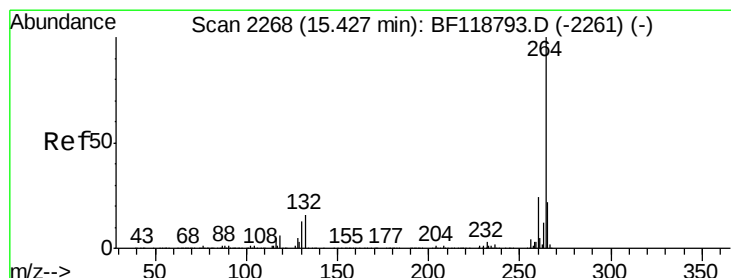
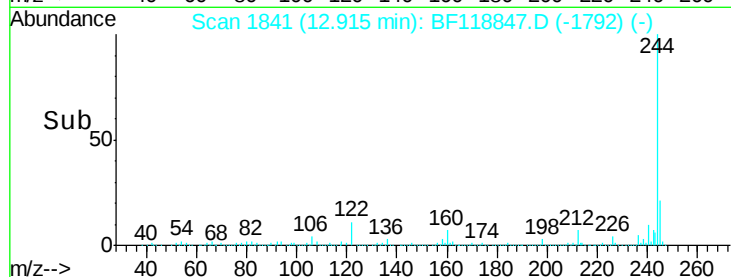
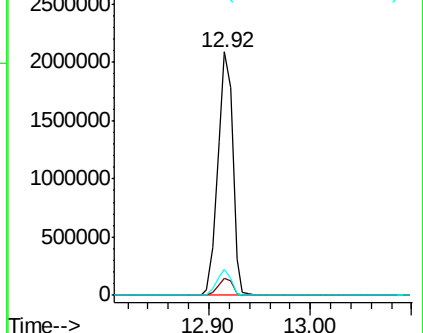
122 10.9 8.9 13.3



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: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF118847.D

Acq: 7 Feb 2020 13:40

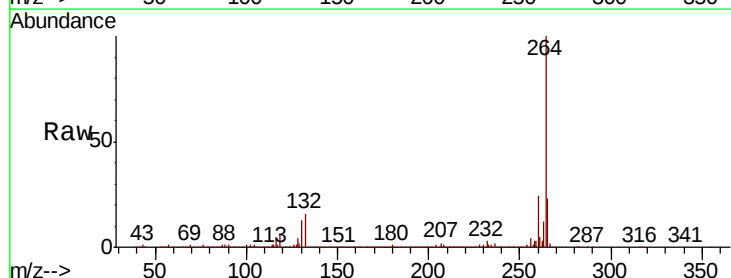
Tgt Ion:264 Resp: 737808

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 22.7 17.2 25.8



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

