

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
 Data File : BF118846.D
 Acq On : 7 Feb 2020 13:13
 Operator : CG/JU
 Sample : L1421-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12017

Quant Time: Feb 08 03:50:52 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

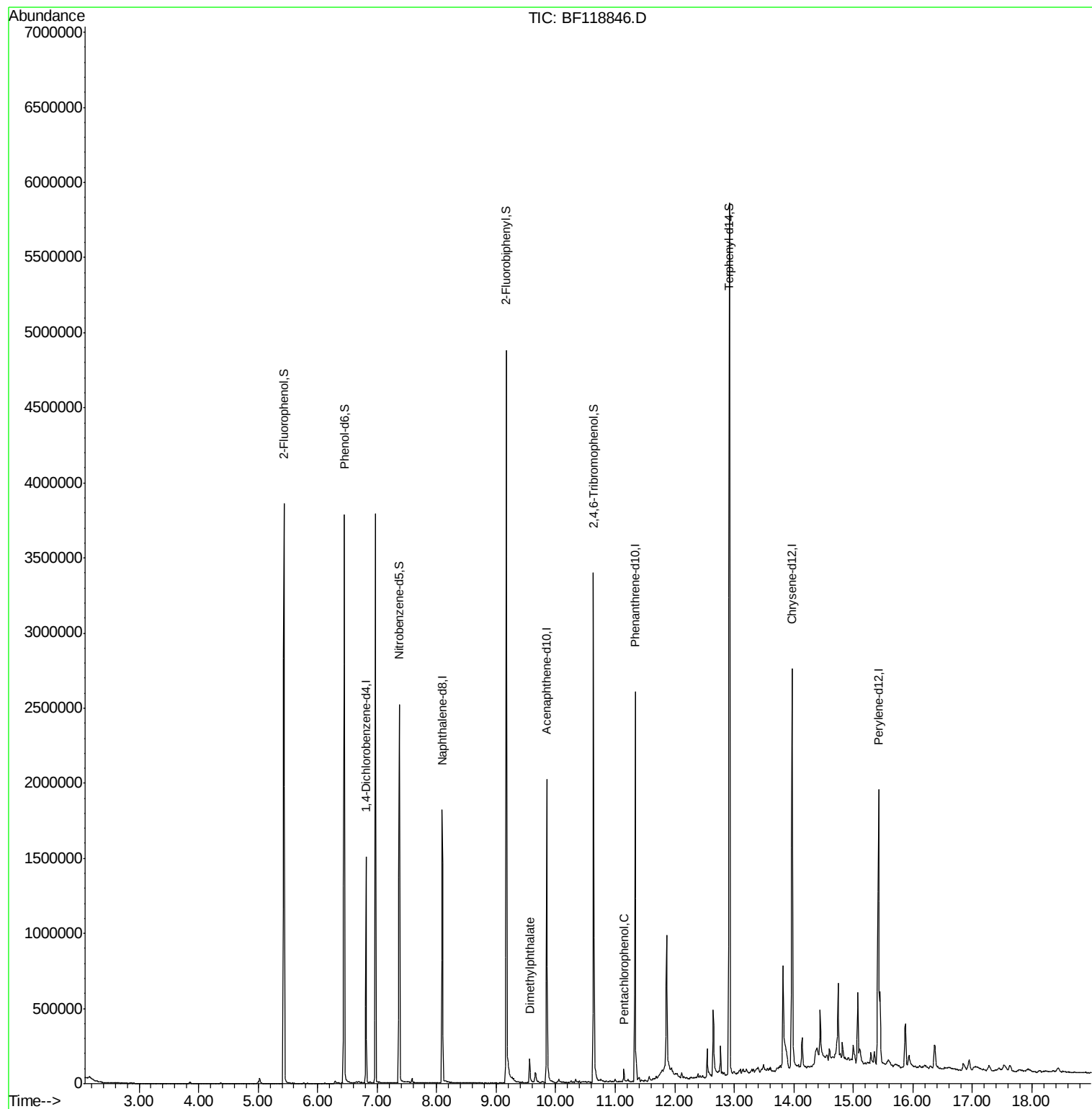
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	227040	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	834850	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	492114	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	969229	20.00	ng	0.00
76) Chrysene-d12	13.97	240	906340	20.00	ng	-0.01
87) Perylene-d12	15.42	264	985345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1106353	92.24	ng	0.00
7) Phenol-d6	6.45	99	1346546	90.44	ng	0.00
23) Nitrobenzene-d5	7.37	82	870927	62.18	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	532409	90.42	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1769809	64.29	ng	-0.01
79) Terphenyl-d14	12.92	244	2339810	53.03	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	78285	2.336	ng	98
70) Pentachlorophenol	11.15	266	14998	2.160	ng	98

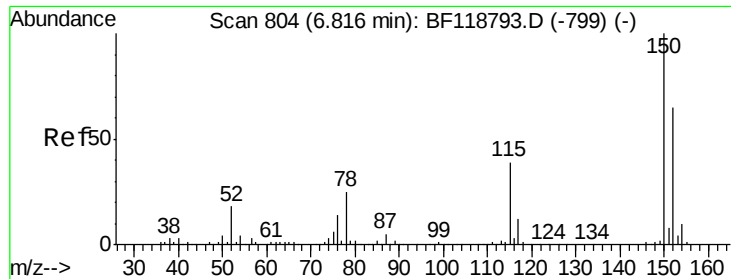
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12017

Quant Time: Feb 08 03:50:52 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



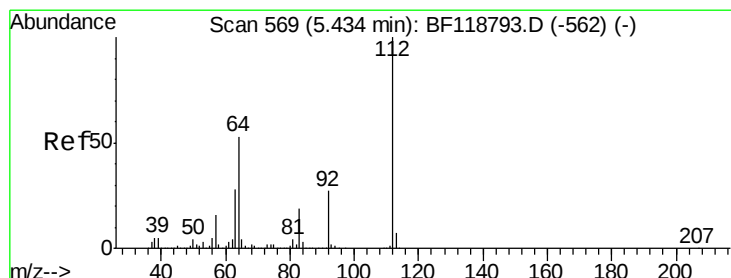
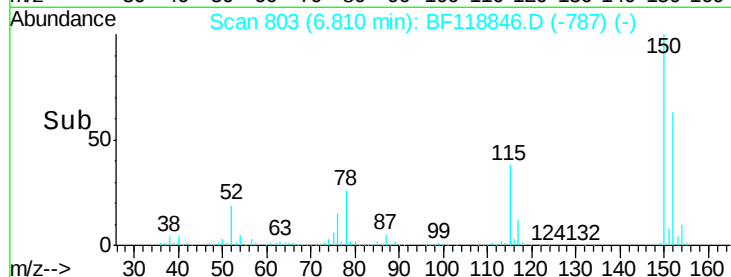
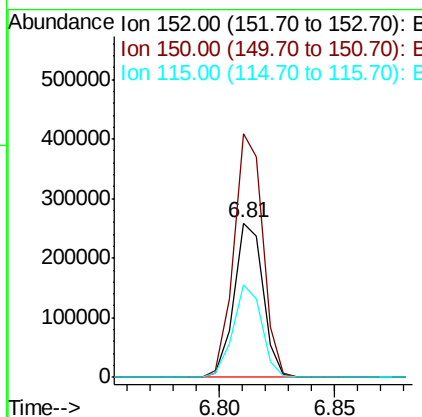
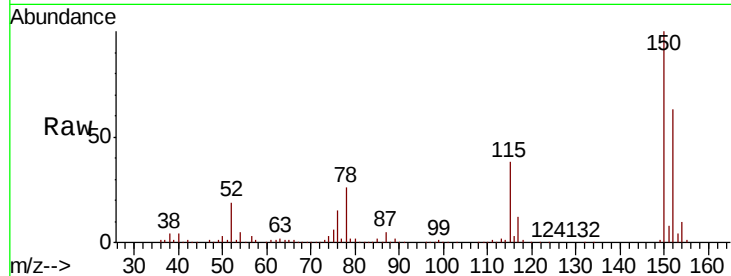


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF118846.D
 Acq: 7 Feb 2020 13:13

Instrument :
 BNA_F
 ClientSampled :
 72-12017

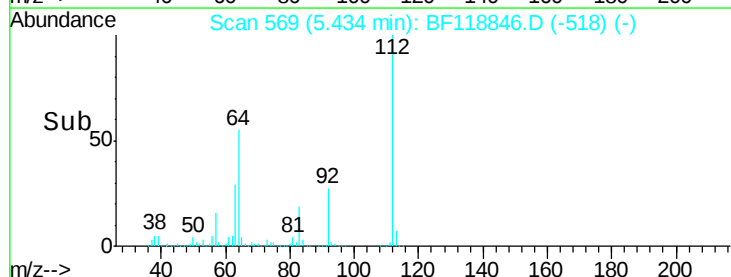
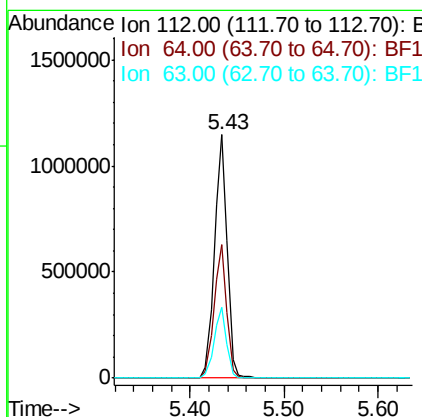
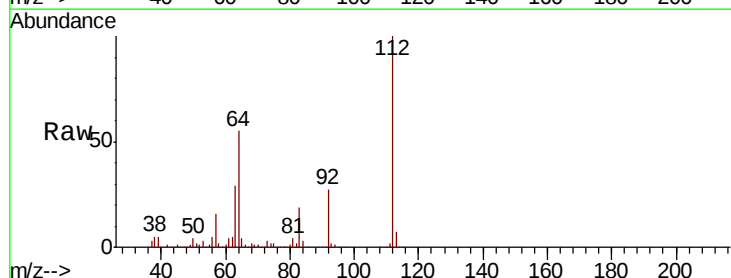
Tot Ion:152 Resp: 227040
 Ion Ratio Lower Upper
 152 100
 150 157.5 123.6 185.4
 115 60.0 48.2 72.2

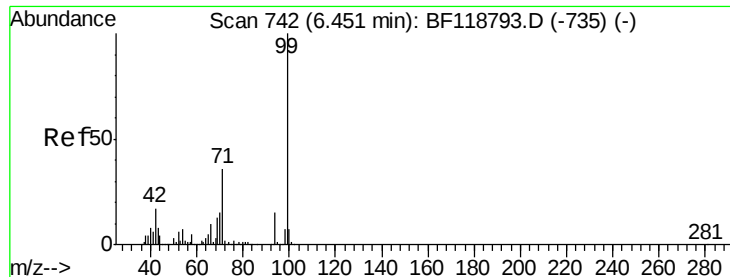


#5

2-Fluorophenol
 Concen: 92.241 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF118846.D
 Acq: 7 Feb 2020 13:13

Tgt Ion:112 Resp: 1106353
 Ion Ratio Lower Upper
 112 100
 64 54.6 42.6 63.8
 63 29.1 22.2 33.4





#7

Phenol-d6

Concen: 90.439 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118846.D

Acq: 7 Feb 2020 13:13

Instrument :

BNA_F

ClientSampleId :

72-12017

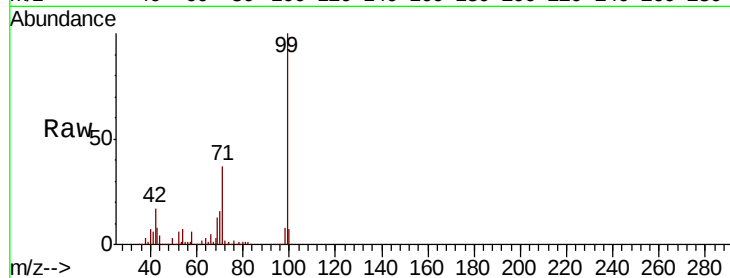
Tot Ion: 99 Resp: 1346546

Ion Ratio Lower Upper

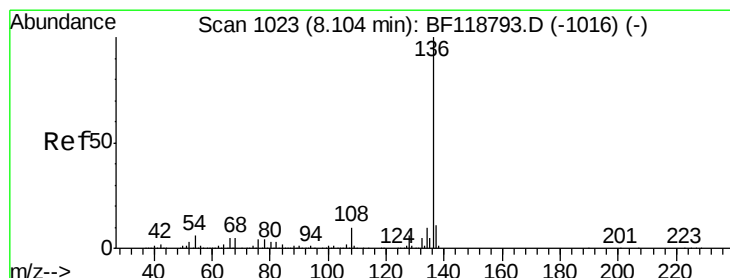
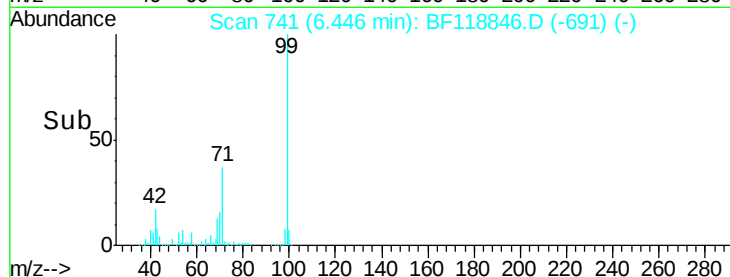
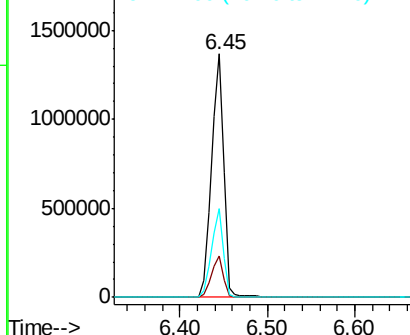
99 100

42 17.1 13.4 20.0

71 36.6 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: BF118846.D

Acq: 7 Feb 2020 13:13

Tgt Ion: 136 Resp: 834850

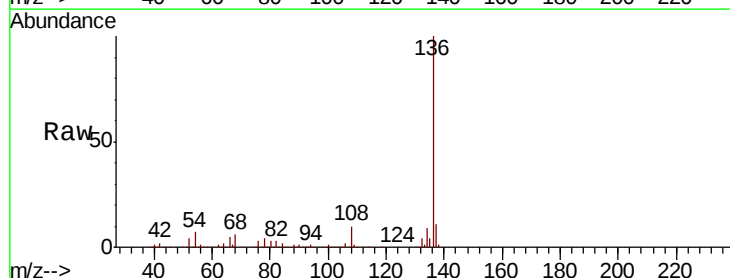
Ion Ratio Lower Upper

136 100

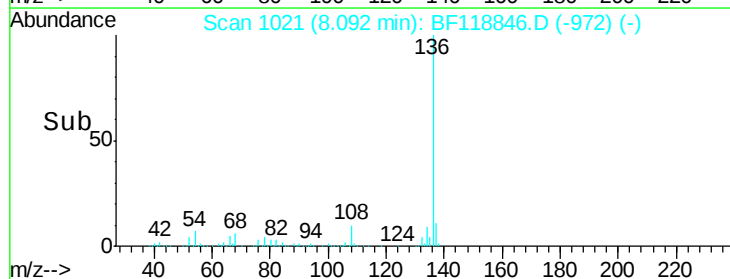
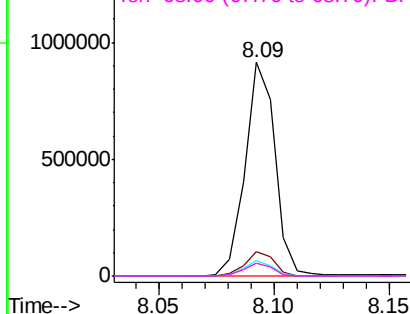
137 11.3 8.7 13.1

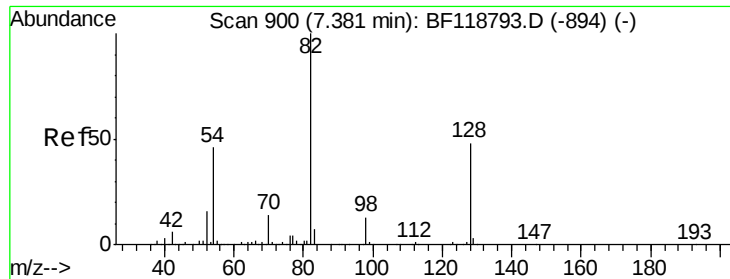
54 6.9 5.0 7.6

68 5.9 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

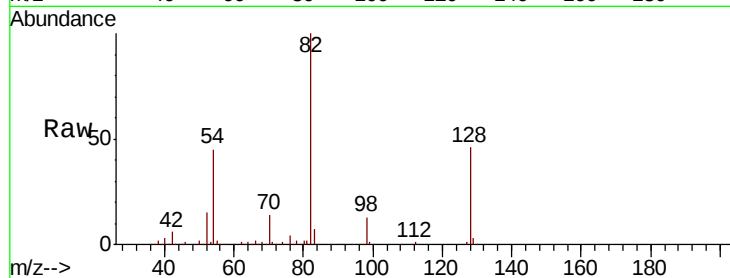




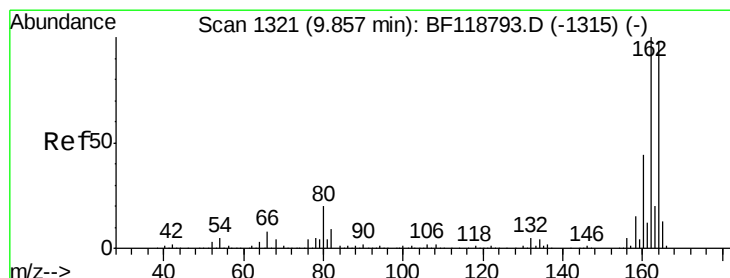
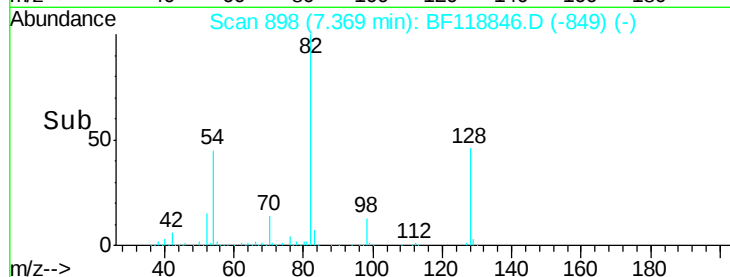
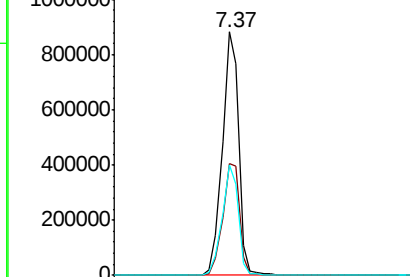
#23
Nitrobenzene-d5
Concen: 62.181 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118846.D
Acq: 7 Feb 2020 13:13

Instrument :
BNA_F
ClientSampleId :
72-12017

Tot Ion: 82 Resp: 870927
Ion Ratio Lower Upper
82 100
128 46.0 38.5 57.7
54 45.4 36.7 55.1

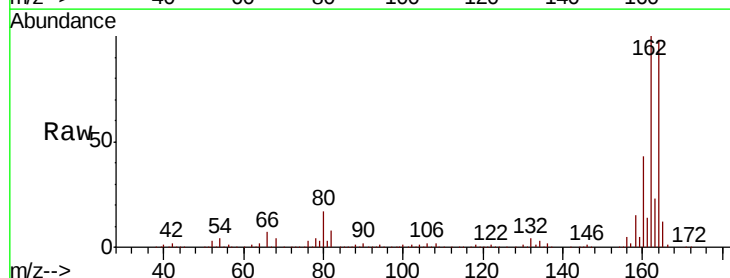


Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000
Ion 128.00 (127.70 to 128.70): BF1
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
600000
400000
200000
0

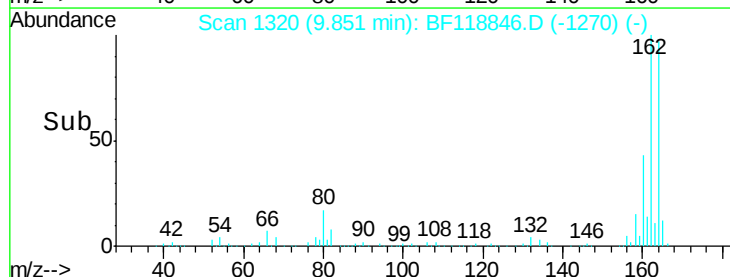
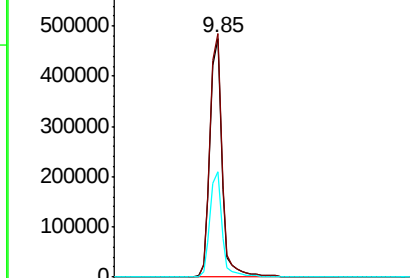


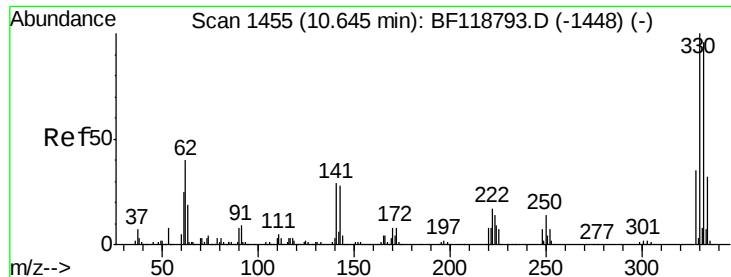
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118846.D
Acq: 7 Feb 2020 13:13

Tgt Ion: 164 Resp: 492114
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.2
160 44.1 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E
600000
Ion 162.00 (161.70 to 162.70): E
500000
Ion 160.00 (159.70 to 160.70): E
400000
300000
200000
100000
0

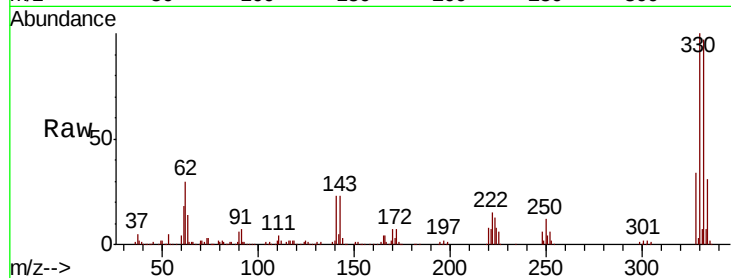




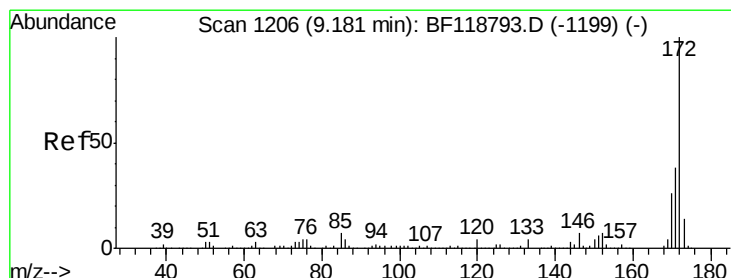
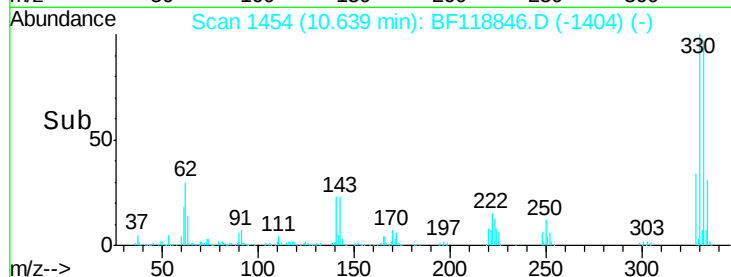
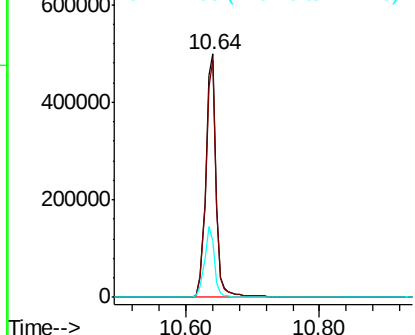
#42
 2,4,6-Tribromophenol
 Concen: 90.418 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF118846.D
 Acq: 7 Feb 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 72-12017

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	28.2	22.4	33.6

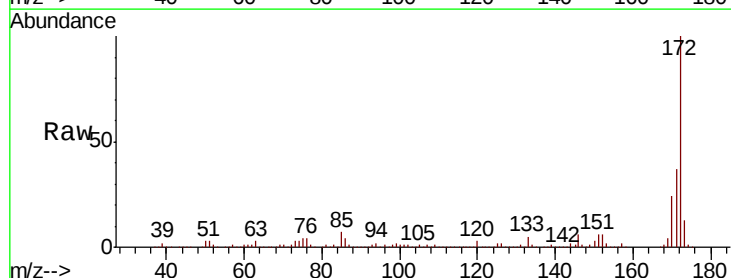


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

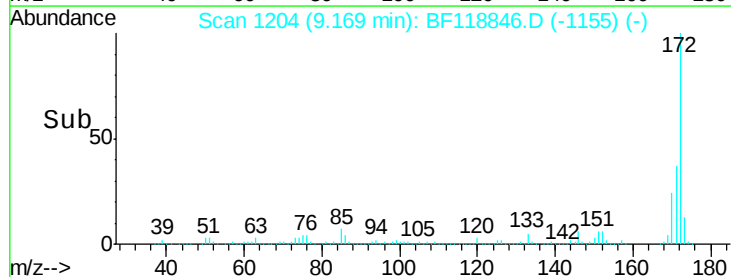
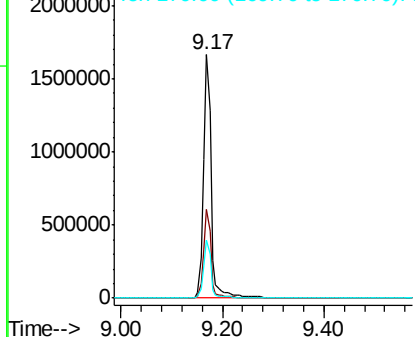


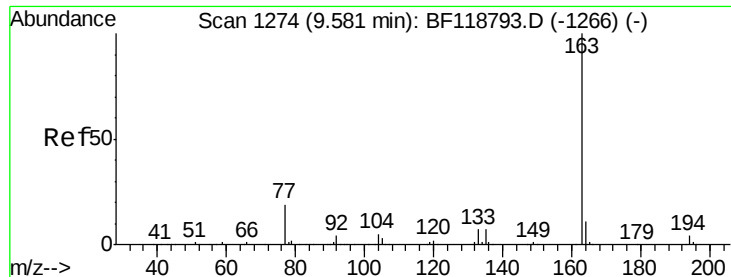
#45
 2-Fluorobiphenyl
 Concen: 64.292 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118846.D
 Acq: 7 Feb 2020 13:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.8	46.2
170	23.8	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

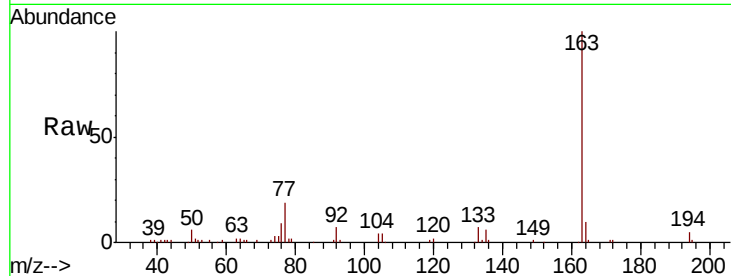




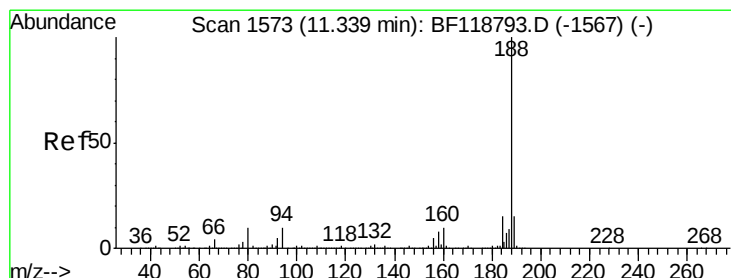
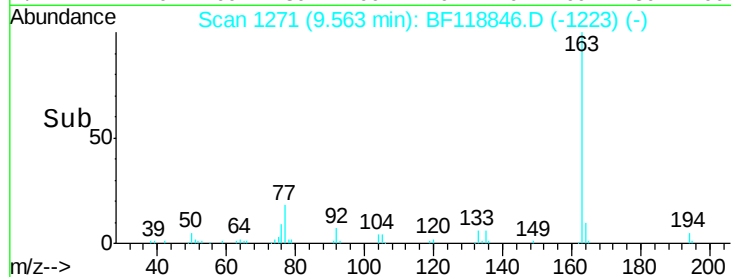
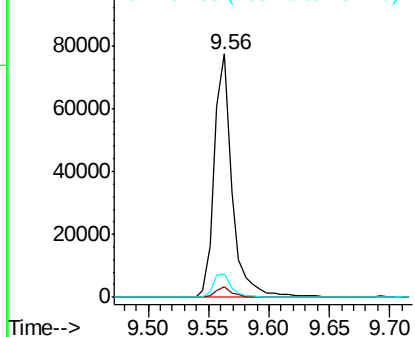
#50
Dimethylphthalate
Concen: 2.336 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF118846.D
Acq: 7 Feb 2020 13:13

Instrument :
BNA_F
ClientSampled :
72-12017

Tot Ion:163 Resp: 78285
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 9.7 8.7 13.1

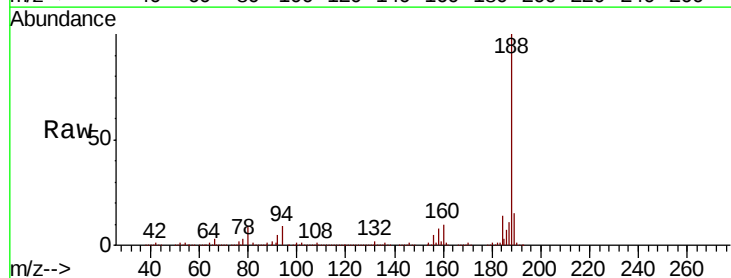


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

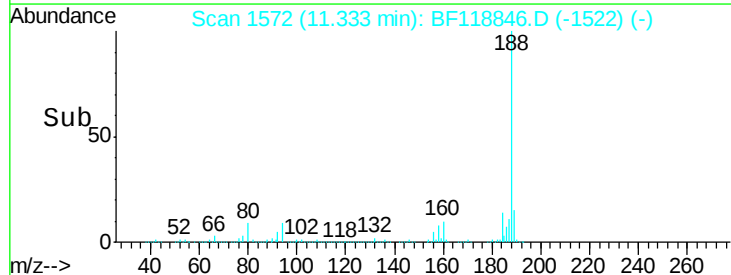
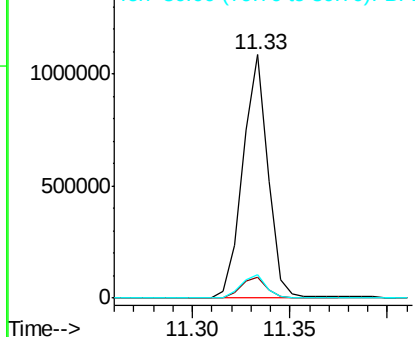


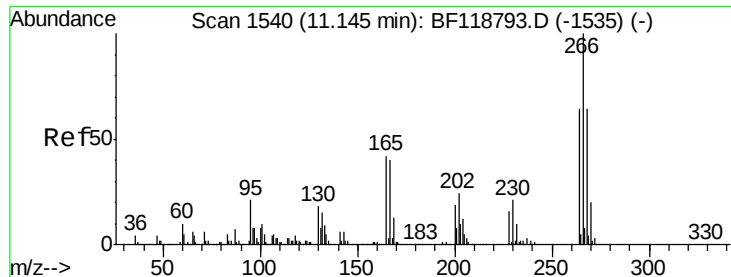
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118846.D
Acq: 7 Feb 2020 13:13

Tgt Ion:188 Resp: 969229
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.4 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

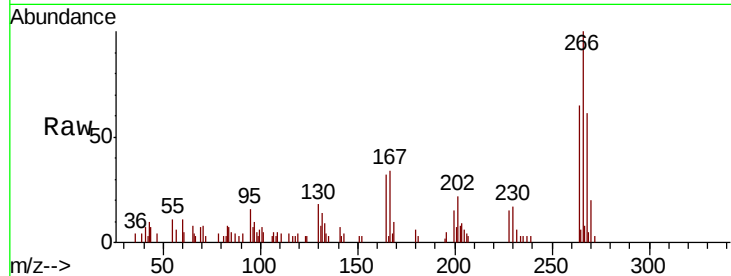




#70
 Pentachlorophenol
 Concen: 2.160 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF118846.D
 Acq: 7 Feb 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 72-12017

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.0	51.0	76.6
264	64.7	51.4	77.2

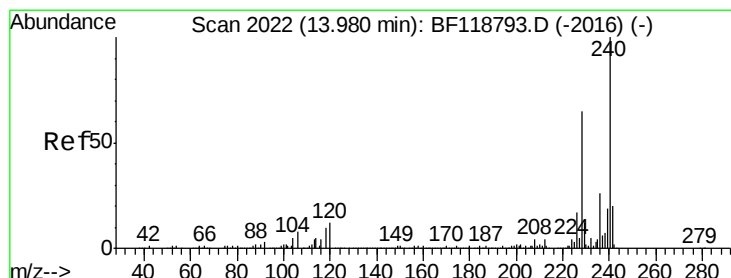
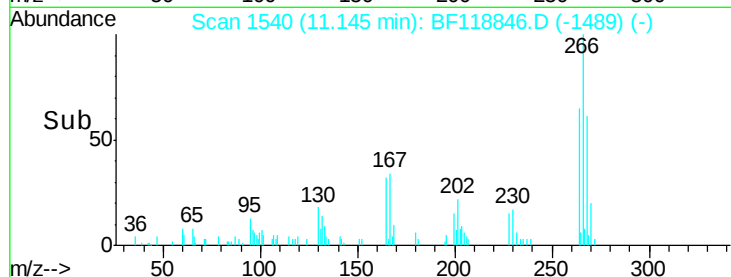
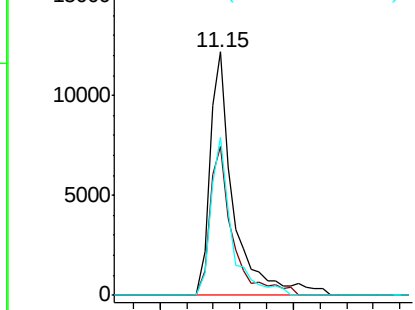


Abundance

Ion 265.70 (265.40 to 266.40): E

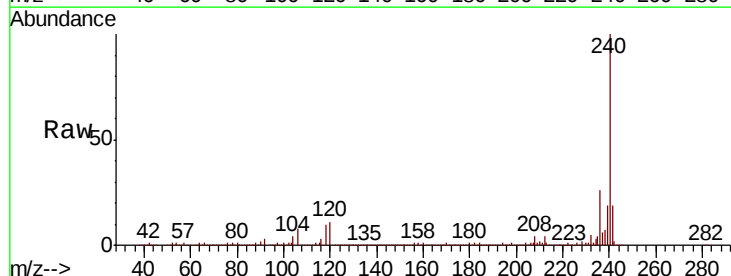
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF118846.D
 Acq: 7 Feb 2020 13:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.4	14.0
236	26.3	21.0	31.6

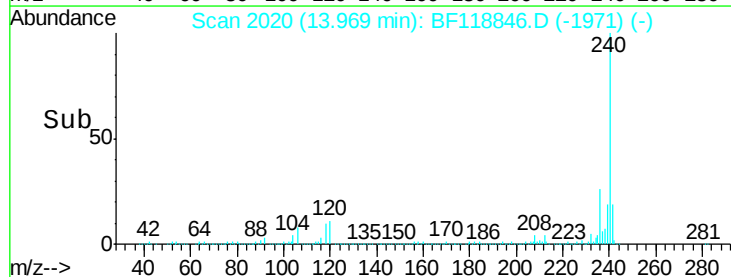
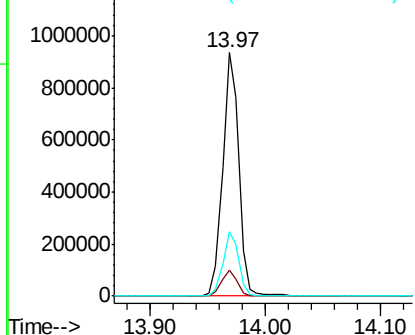


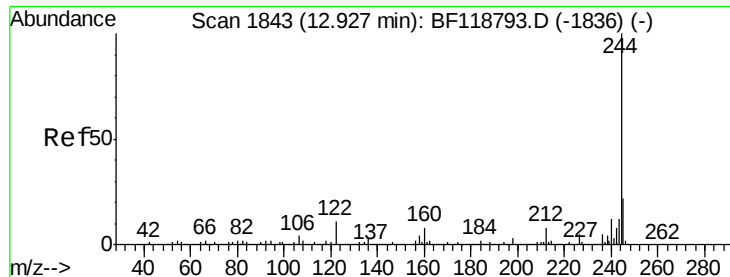
Abundance

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: 53.027 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118846.D

Acq: 7 Feb 2020 13:13

Instrument :

BNA_F

ClientSampleId :

72-12017

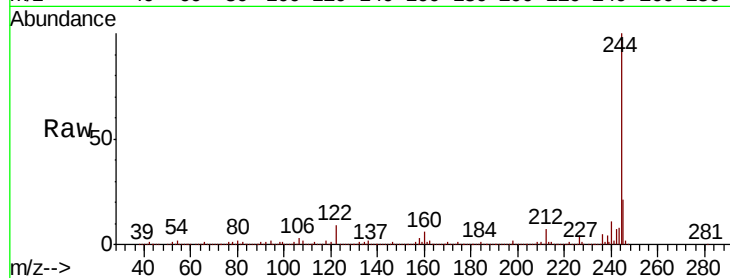
Tot Ion:244 Resp: 2339810

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

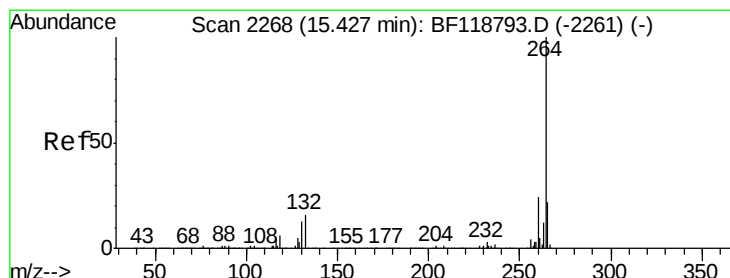
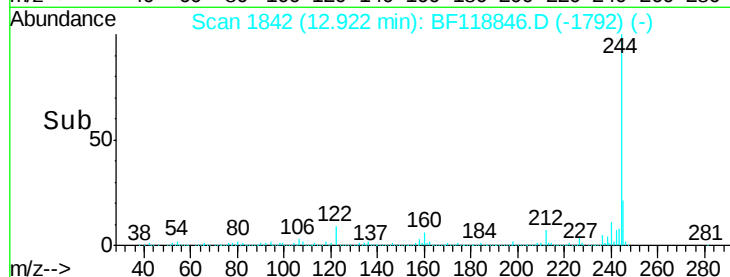
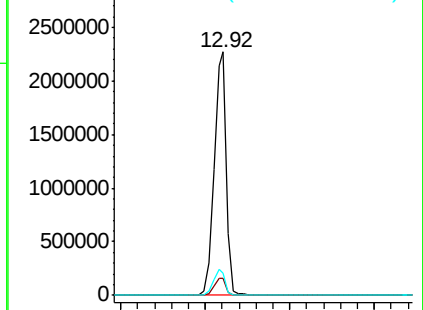
122 9.0 8.9 13.3



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# 2267

Delta R.T. -0.01 min

Lab File: BF118846.D

Acq: 7 Feb 2020 13:13

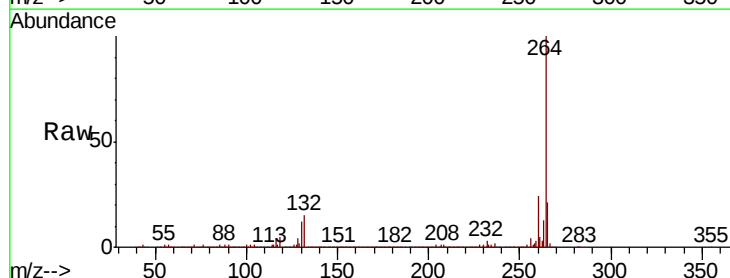
Tgt Ion:264 Resp: 985345

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.1 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

