

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
 Data File : BF117280.D
 Acq On : 1 Oct 2019 16:46
 Operator : JU
 Sample : K5083-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190701-RR-COMPOSITE-1

Quant Time: Oct 01 17:17:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

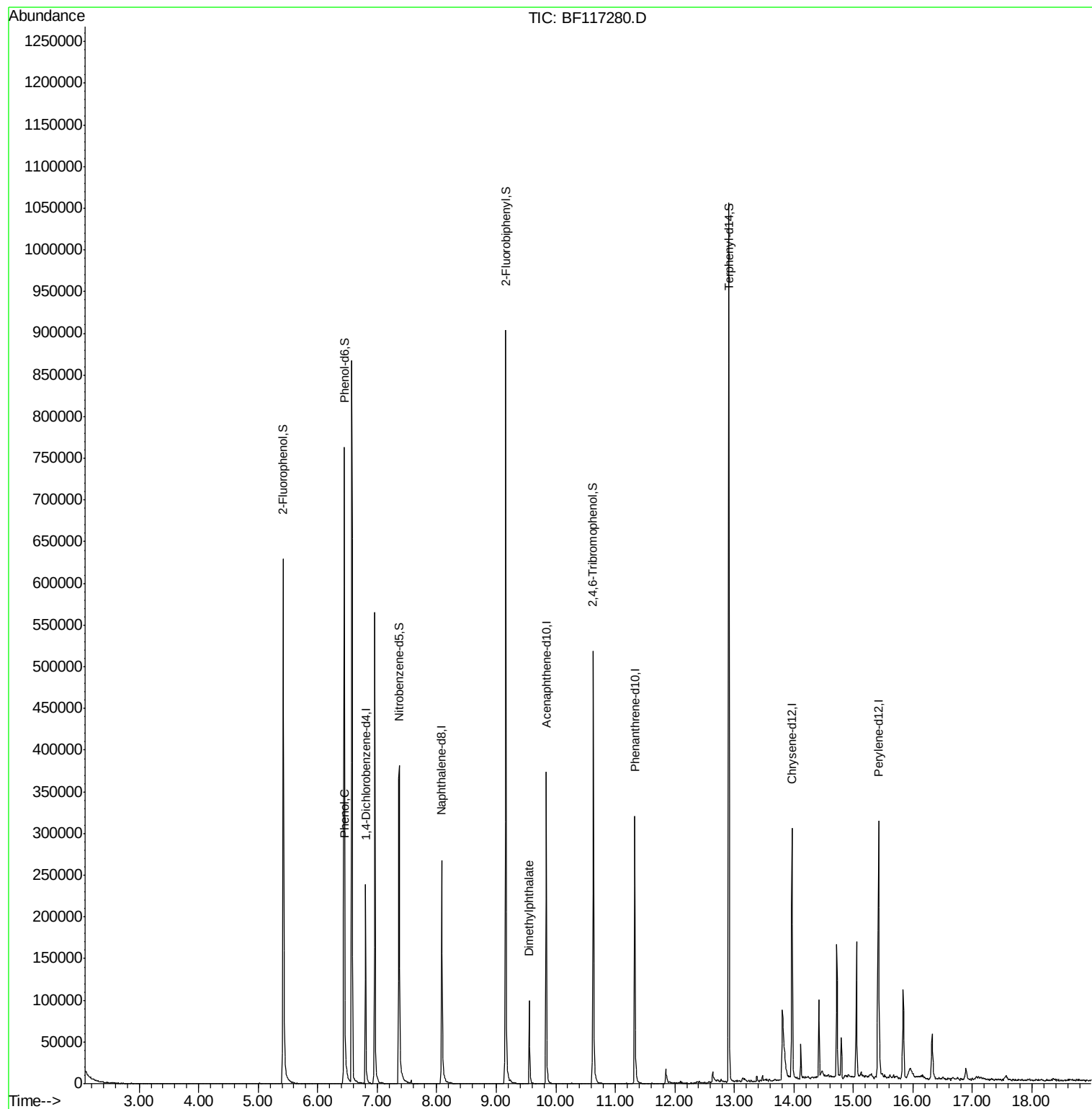
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	35423	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	148868	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	77911	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	135063	20.00	ng	0.00
76) Chrysene-d12	13.97	240	108585	20.00	ng	0.00
87) Perylene-d12	15.42	264	98743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	202332	89.18	ng	-0.02
7) Phenol-d6	6.45	99	279509	95.32	ng	-0.01
23) Nitrobenzene-d5	7.37	82	168194	59.36	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	63283	97.19	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	311191	62.45	ng	-0.02
79) Terphenyl-d14	12.91	244	345835	59.53	ng	0.00
Target Compounds						
10) Phenol	6.46	94	8152	2.522	ng	89
50) Dimethylphthalate	9.56	163	47882	8.680	ng	97

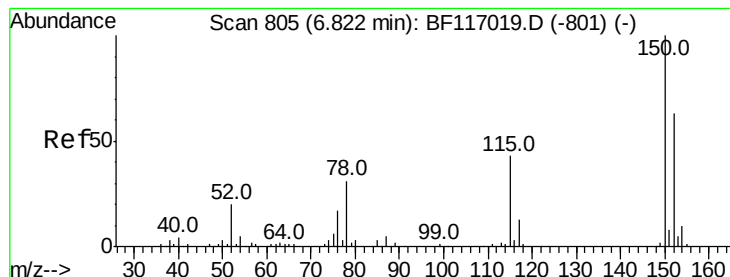
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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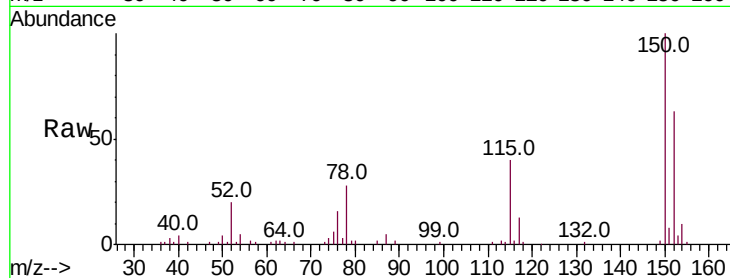


#1

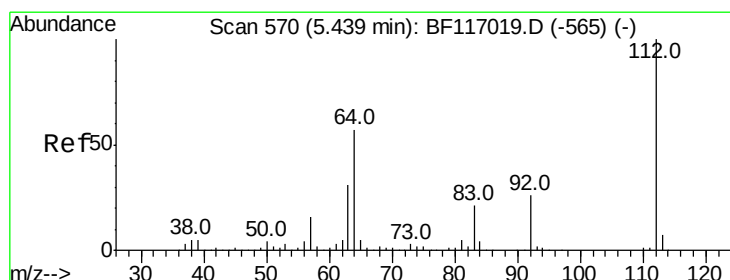
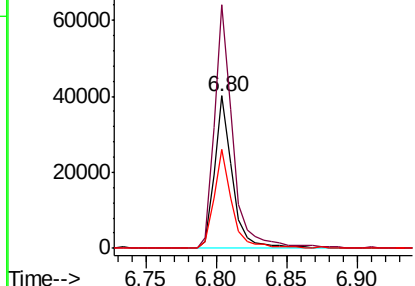
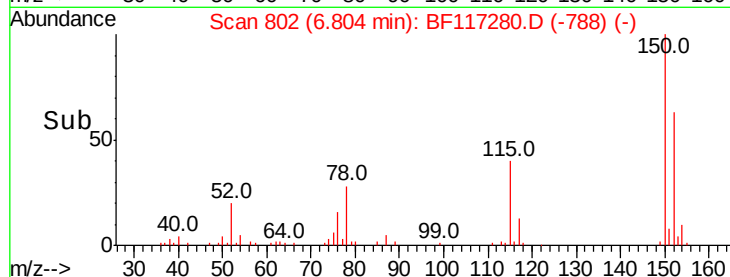
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117280.D
Acq: 1 Oct 2019 16:46

Instrument :
BNA_F
ClientSampleId :
20190701-RR-COMPOSITE-1

Tot Ion:152 Resp: 35423
Ion Ratio Lower Upper
152 100
150 159.6 127.5 191.3
115 64.6 55.0 82.4



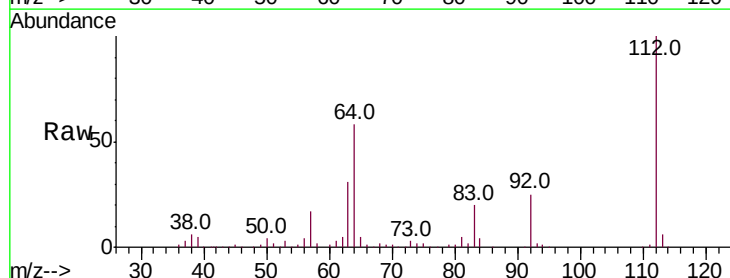
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



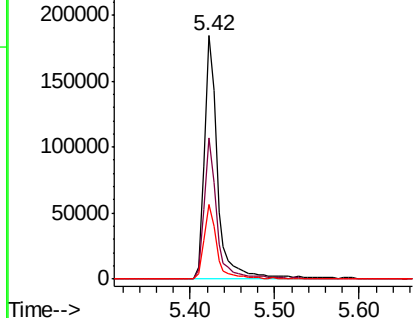
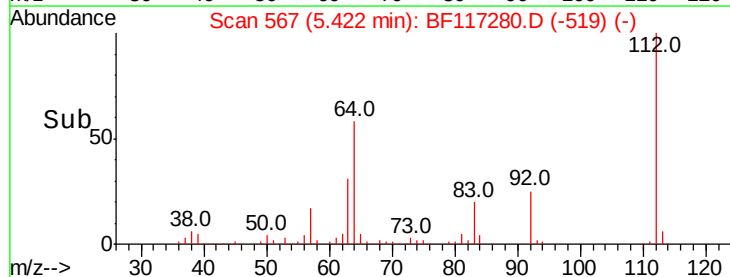
#5

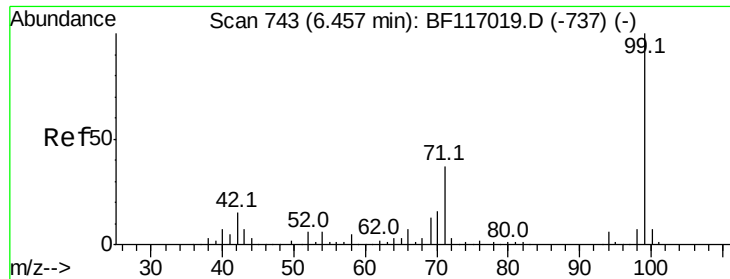
2-Fluorophenol
Concen: 89.177 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.02 min
Lab File: BF117280.D
Acq: 1 Oct 2019 16:46

Tgt Ion:112 Resp: 202332
Ion Ratio Lower Upper
112 100
64 57.8 45.7 68.5
63 30.9 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: 95.323 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117280.D

Acq: 1 Oct 2019 16:46

Instrument :

BNA_F

ClientSampleId :

20190701-RR-COMPOSITE-1

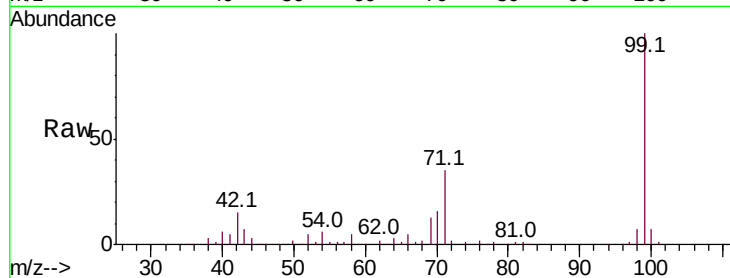
Tot Ion: 99 Resp: 279509

Ion Ratio Lower Upper

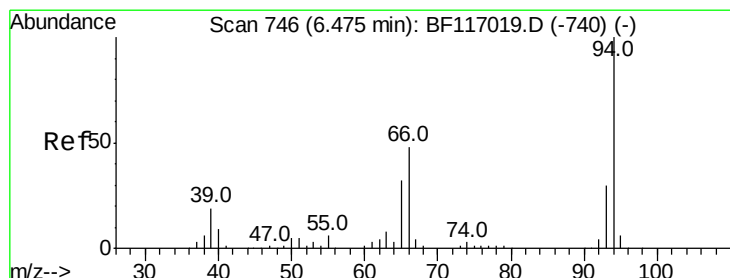
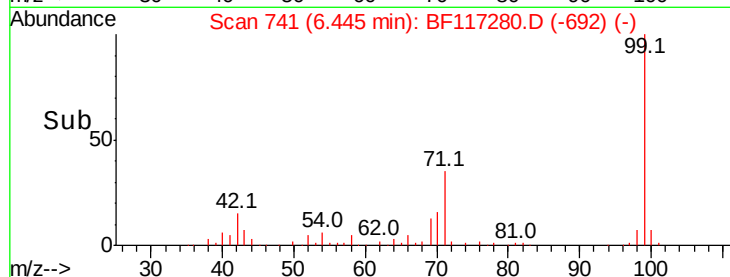
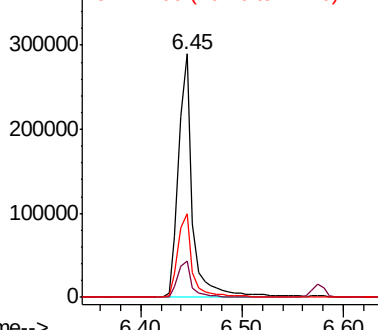
99 100

42 14.8 12.2 18.2

71 34.5 29.8 44.8



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: 2.522 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF117280.D

Acq: 1 Oct 2019 16:46

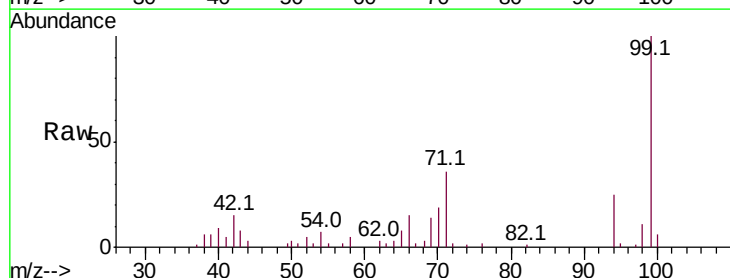
Tgt Ion: 94 Resp: 8152

Ion Ratio Lower Upper

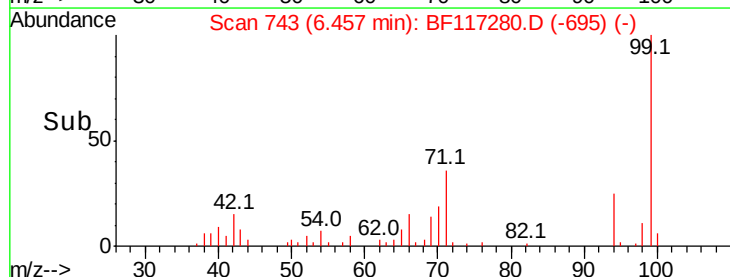
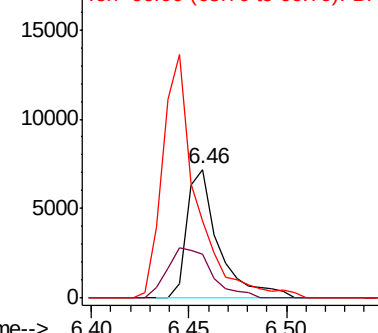
94 100

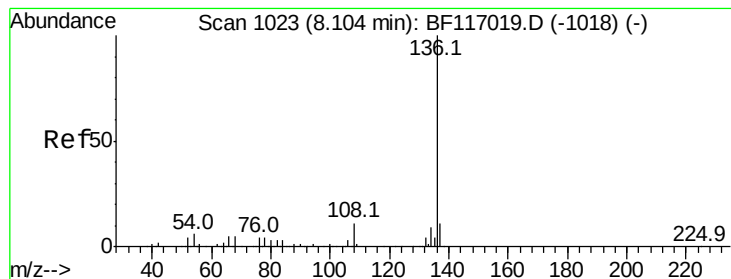
65 33.7 12.5 52.5

66 60.5 28.9 68.9



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: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF117280.D

Acq: 1 Oct 2019 16:46

Instrument :

BNA_F

ClientSampleId :

20190701-RR-COMPOSITE-1

Tot Ion:136 Resp: 148868

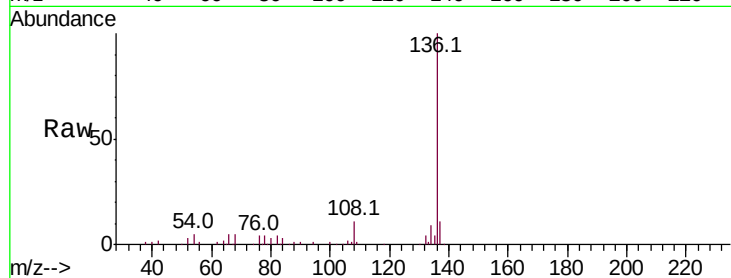
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.3 4.5 6.7

68 4.7 4.0 6.0

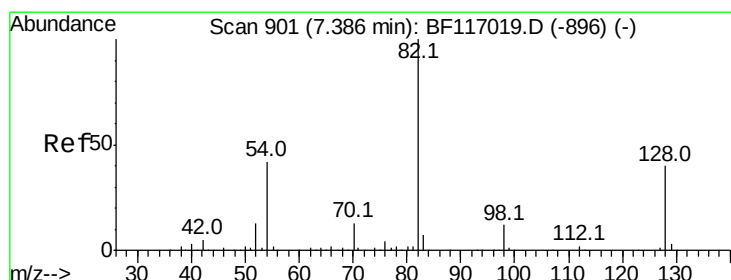
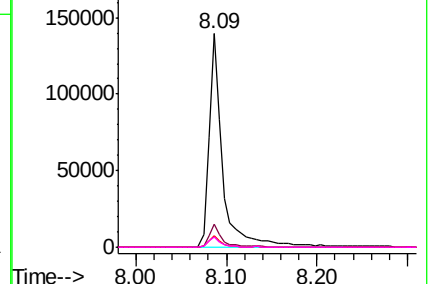
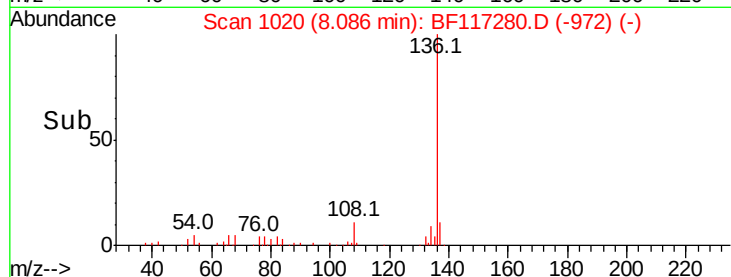


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.363 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF117280.D

Acq: 1 Oct 2019 16:46

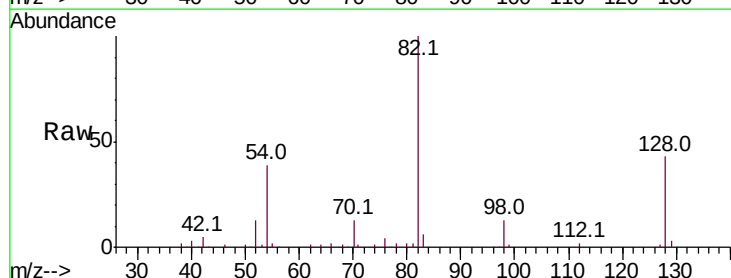
Tgt Ion: 82 Resp: 168194

Ion Ratio Lower Upper

82 100

128 43.3 32.3 48.5

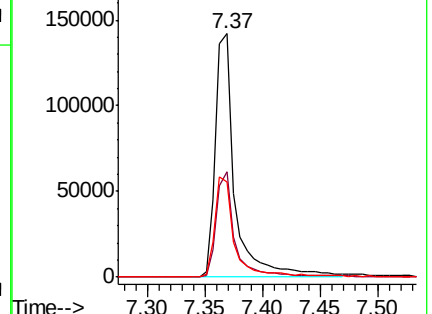
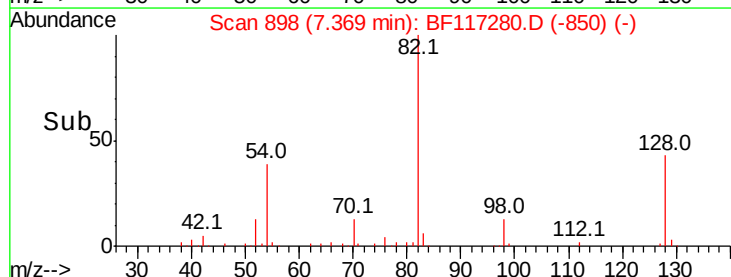
54 39.3 33.3 49.9

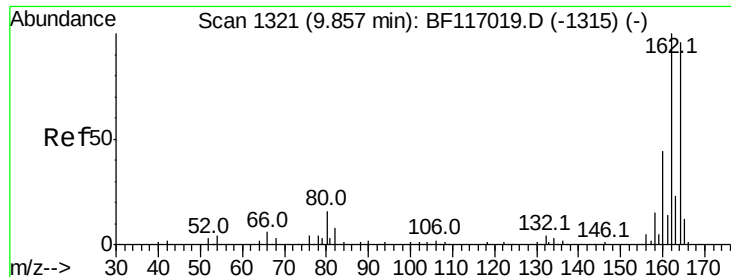


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

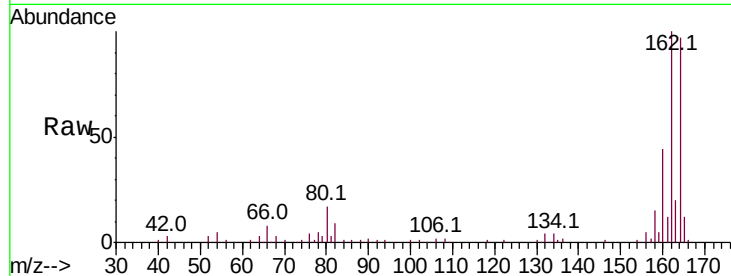




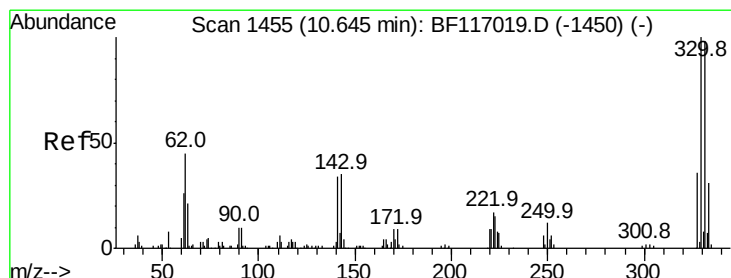
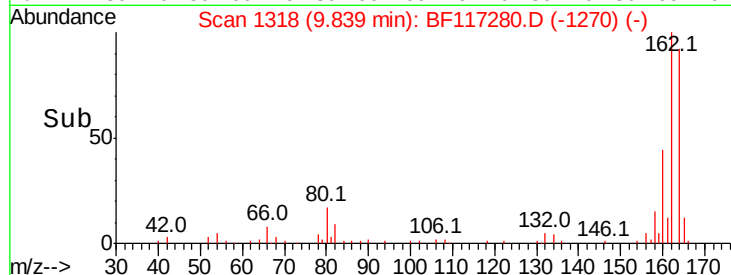
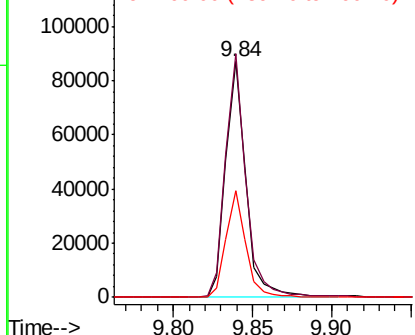
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117280.D
Acq: 1 Oct 2019 16:46

Instrument :
BNA_F
ClientSampleId :
20190701-RR-COMPOSITE-1

Tot Ion:164 Resp: 77911
Ion Ratio Lower Upper
164 100
162 103.4 83.4 125.2
160 45.4 36.4 54.6

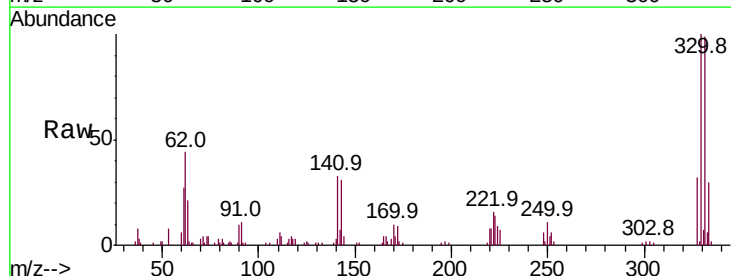


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

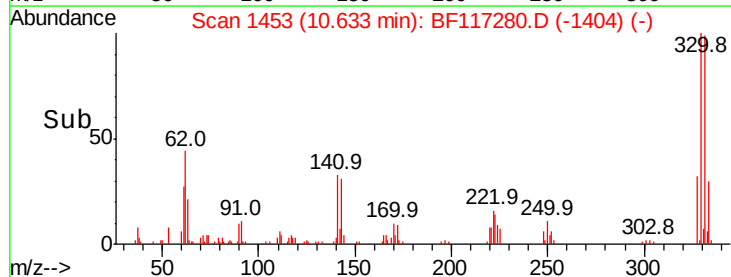
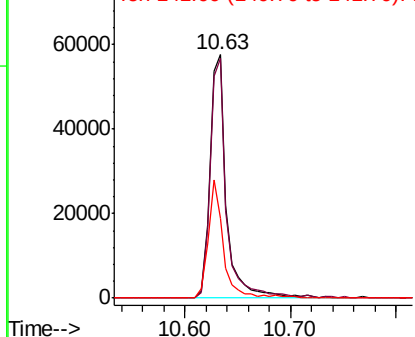


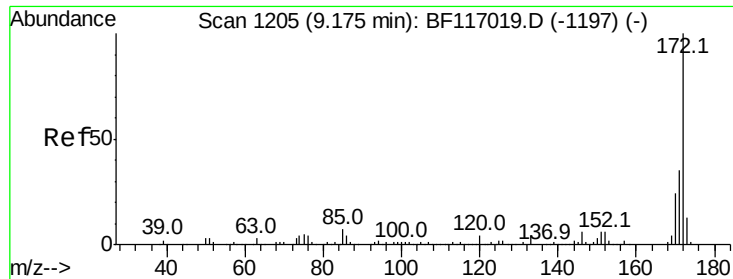
#42
2,4,6-Tribromophenol
Concen: 97.185 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117280.D
Acq: 1 Oct 2019 16:46

Tgt Ion:330 Resp: 63283
Ion Ratio Lower Upper
330 100
332 97.7 78.0 117.0
141 44.1 35.8 53.6



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

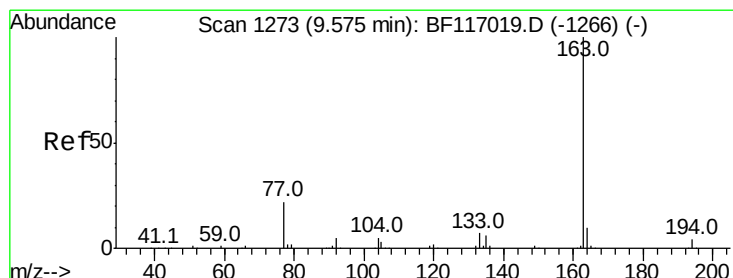
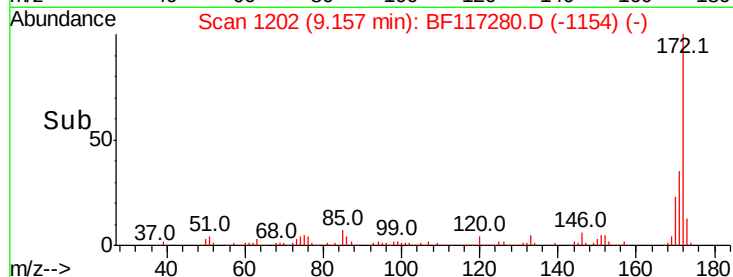
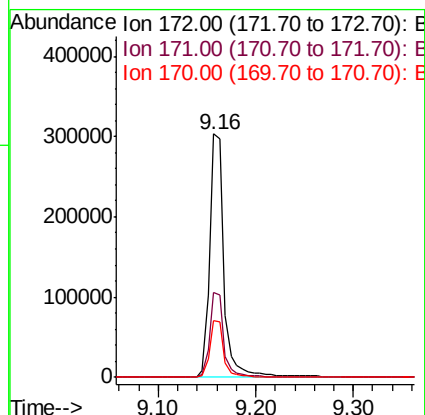
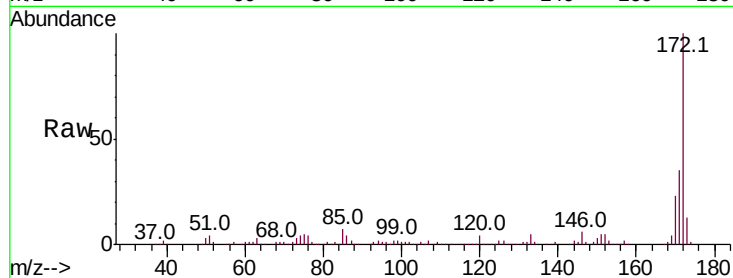




#45
2-Fluorobiphenyl
Concen: 62.452 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF117280.D
Acq: 1 Oct 2019 16:46

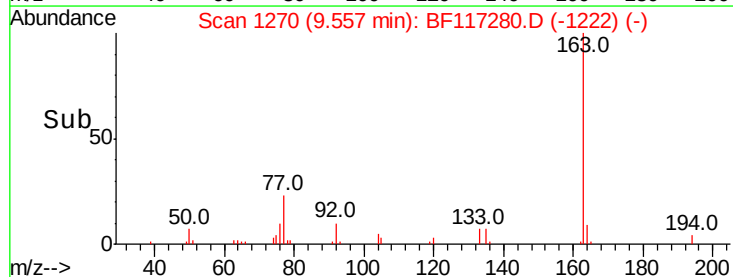
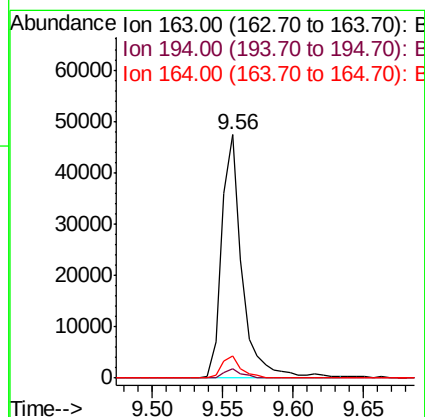
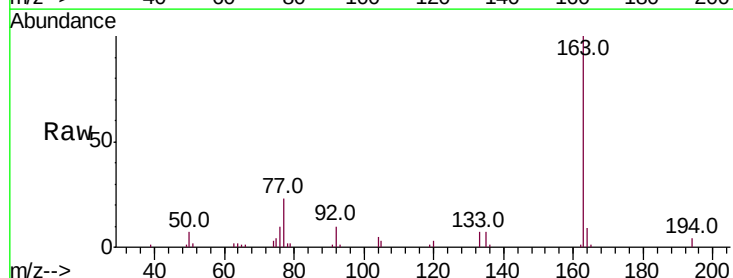
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20190701-RR-COMPOSITE-1

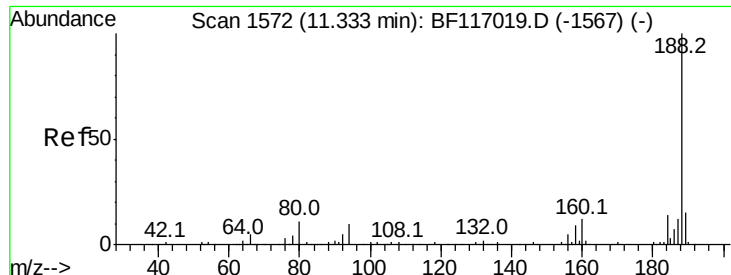
Tot Ion:172 Resp: 311191
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.3 18.9 28.3



#50
Dimethylphthalate
Concen: 8.680 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117280.D
Acq: 1 Oct 2019 16:46

Tgt Ion:163 Resp: 47882
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.0 8.2 12.4

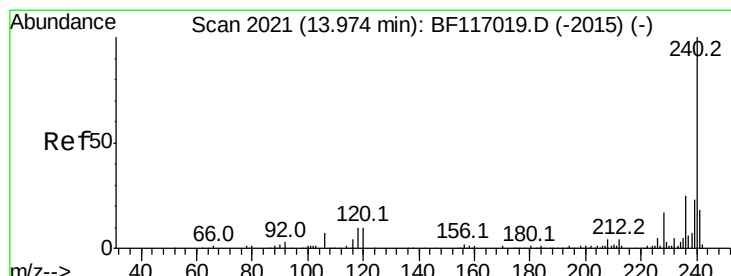
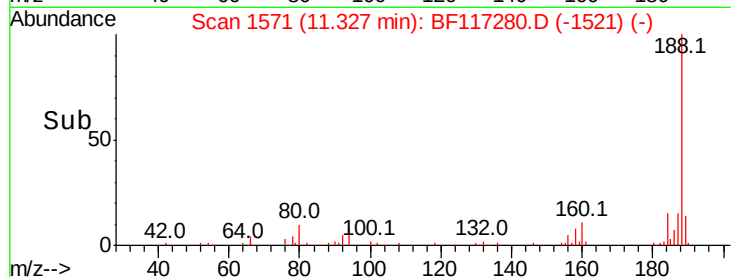
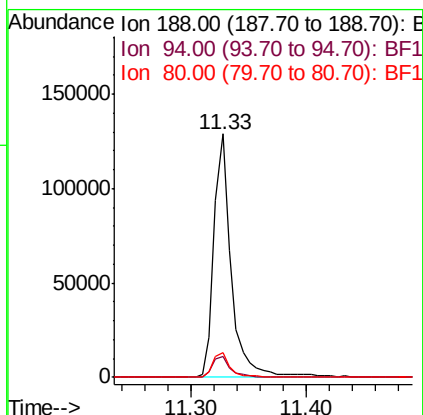
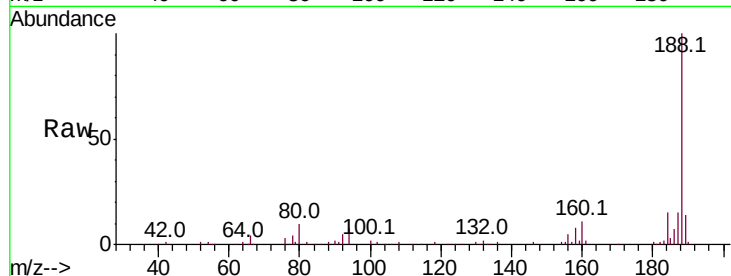




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117280.D
Acq: 1 Oct 2019 16:46

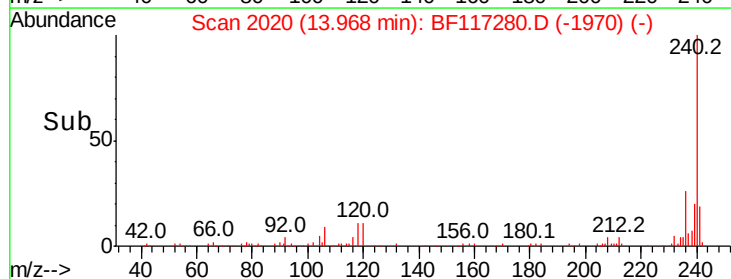
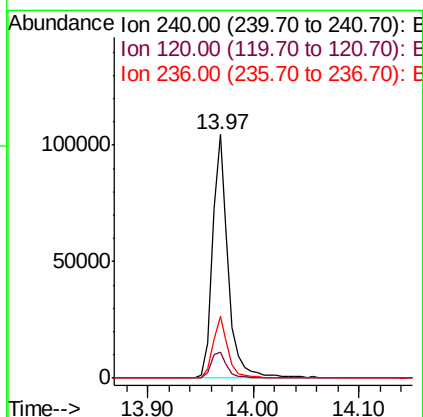
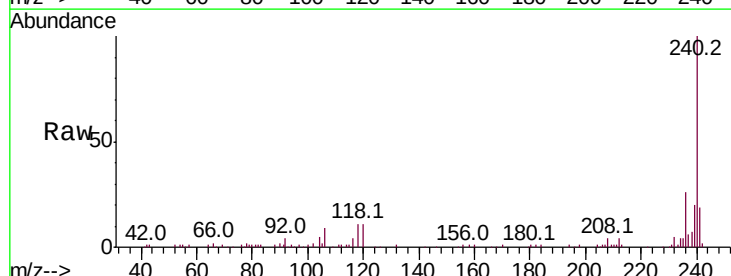
Instrument :
BNA_F
ClientSampleId :
20190701-RR-COMPOSITE-1

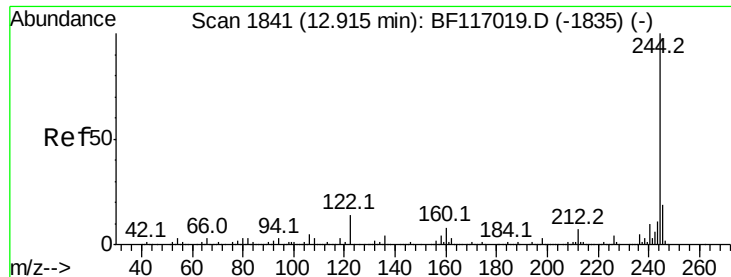
Tot Ion:188 Resp: 135063
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.2
80 9.9 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117280.D
Acq: 1 Oct 2019 16:46

Tgt Ion:240 Resp: 108585
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 25.5 20.3 30.5





#79

Terphenyl-d14

Concen: 59.533 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117280.D

Acq: 1 Oct 2019 16:46

Instrument :

BNA_F

ClientSampleId :

20190701-RR-COMPOSITE-1

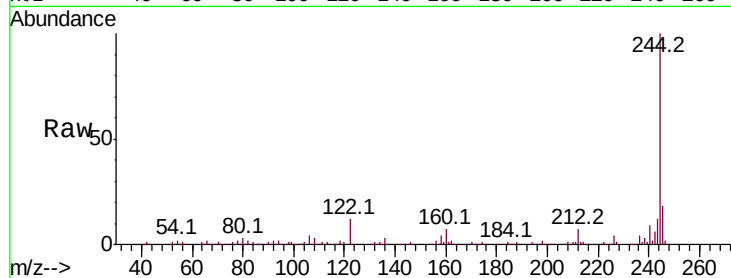
Tot Ion:244 Resp: 345835

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

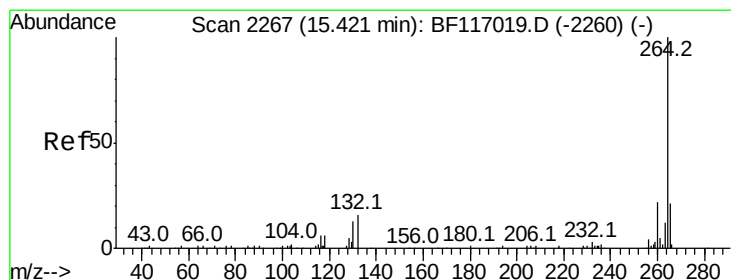
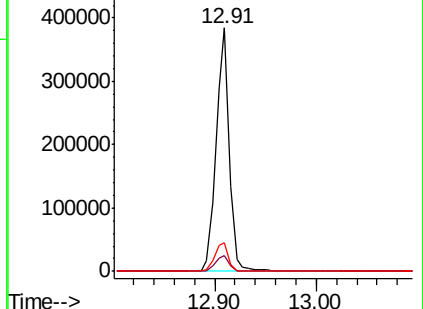
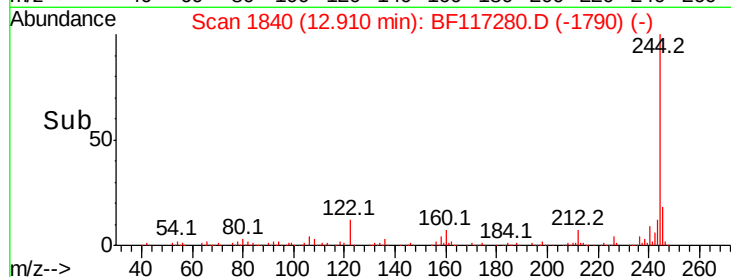
122 12.0 11.3 16.9



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. 0.00 min

Lab File: BF117280.D

Acq: 1 Oct 2019 16:46

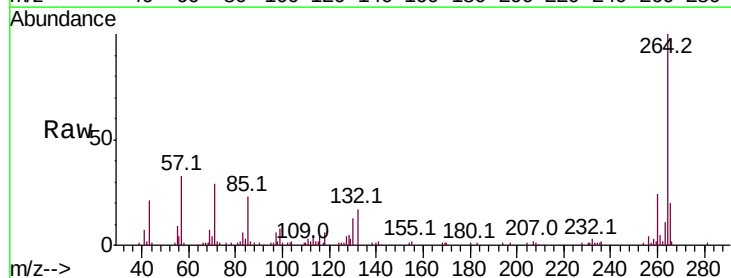
Tgt Ion:264 Resp: 98743

Ion Ratio Lower Upper

264 100

260 23.6 17.6 26.4

265 20.1 16.6 24.8



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

