

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119856.D
 Acq On : 9 Apr 2020 6:17
 Operator : MA/SJ
 Sample : L2171-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-COMP

Quant Time: Apr 09 06:58:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

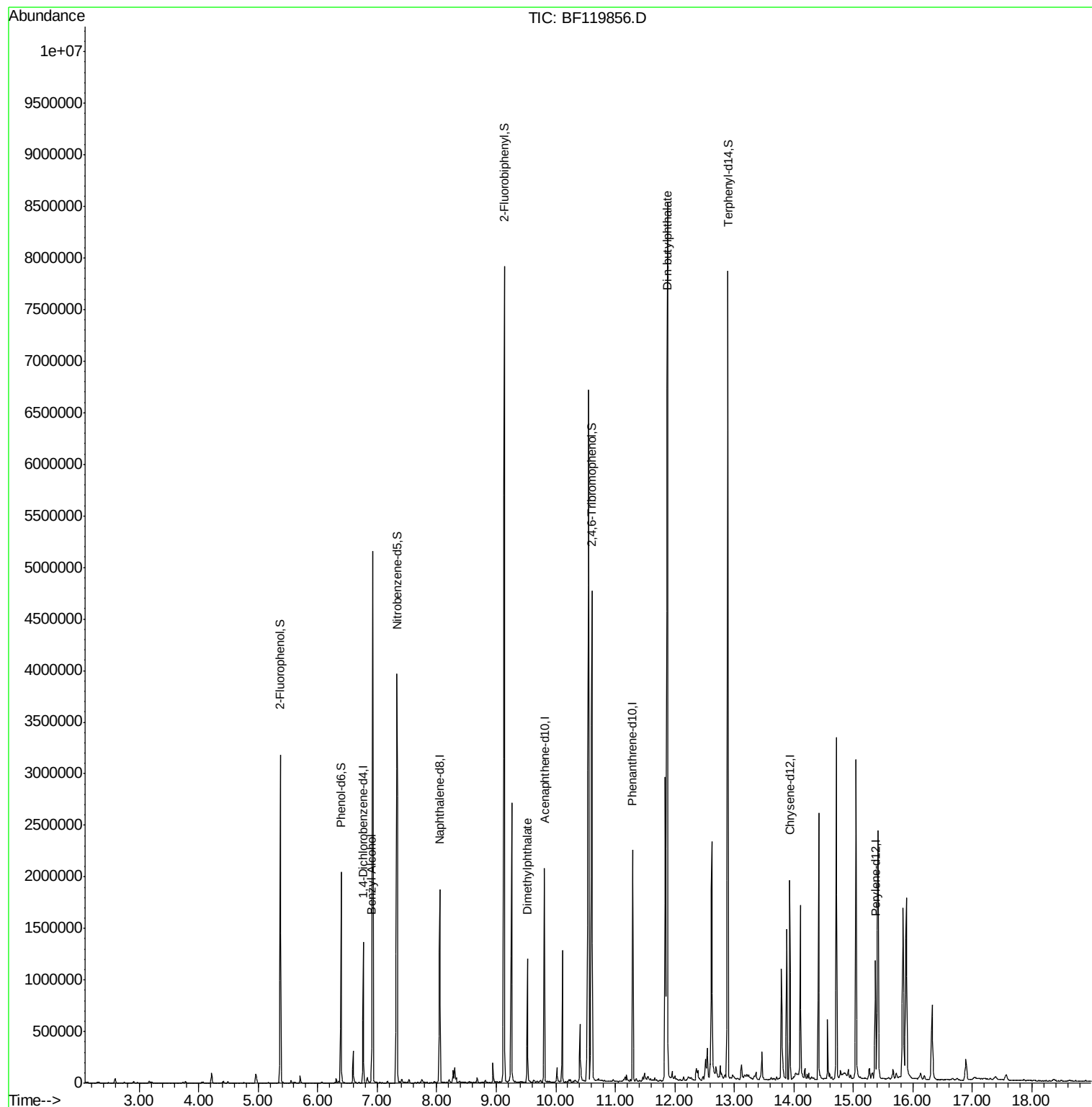
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	200664	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	795996	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	431308	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	836511	20.00	ng	0.00
76) Chrysene-d12	13.93	240	619338	20.00	ng	0.00
87) Perylene-d12	15.37	264	523170	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	795697	68.53	ng	0.00
7) Phenol-d6	6.39	99	614075	41.04	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1578542	102.59	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	816037	154.53	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2996603	98.64	ng	0.00
79) Terphenyl-d14	12.89	244	3403995	92.48	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.90	79	53531	4.606	ng	96
50) Dimethylphthalate	9.53	163	479526	14.374	ng	99
74) Di-n-butylphthalate	11.87	149	5784887	102.316	ng	96

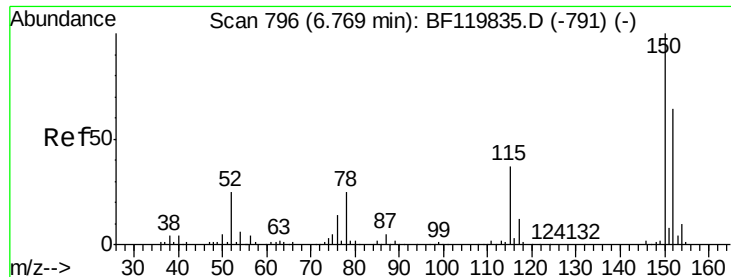
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF119856.D

Acq: 9 Apr 2020 6:17

Instrument :

BNA_F

ClientSampleId :

FRAC-COMP

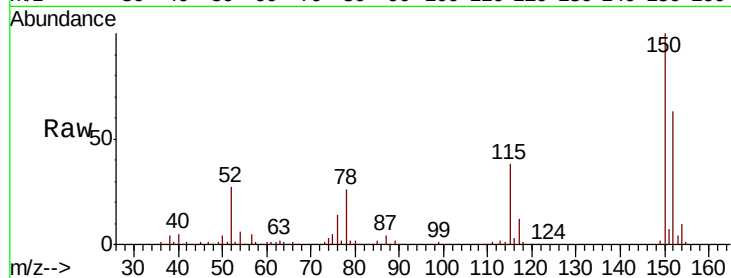
Tot Ion:152 Resp: 200664

Ion Ratio Lower Upper

152 100

150 159.4 124.8 187.2

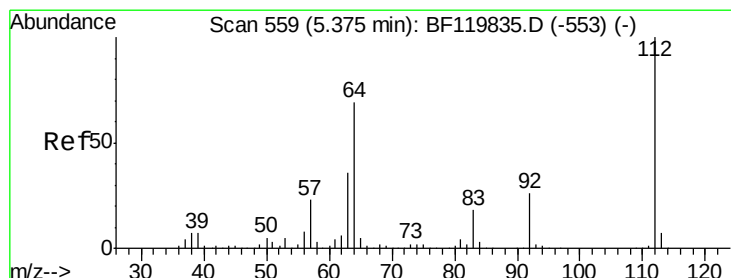
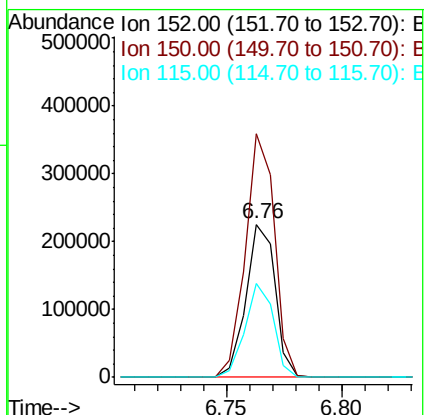
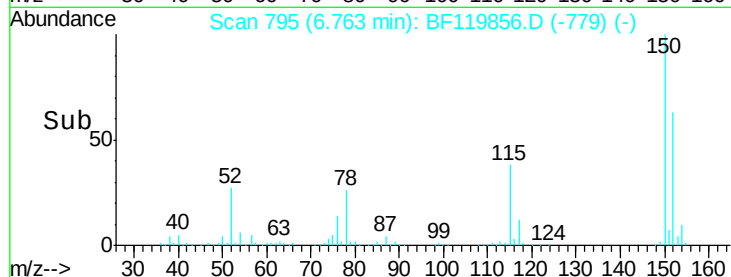
115 61.1 46.5 69.7



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: 68.528 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF119856.D

Acq: 9 Apr 2020 6:17

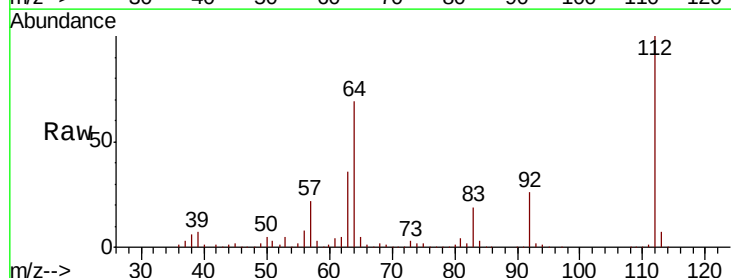
Tgt Ion:112 Resp: 795697

Ion Ratio Lower Upper

112 100

64 68.6 55.5 83.3

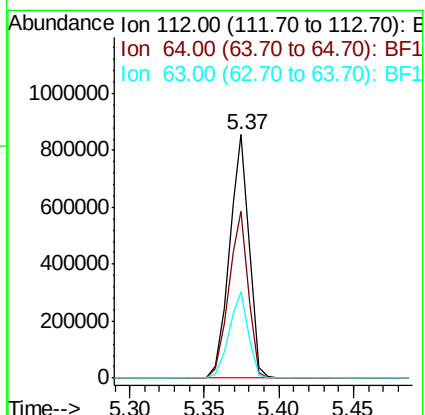
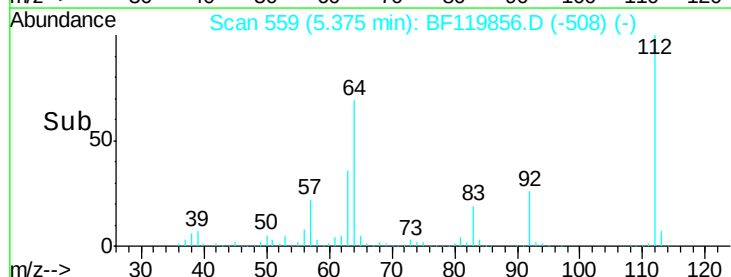
63 35.6 29.1 43.7

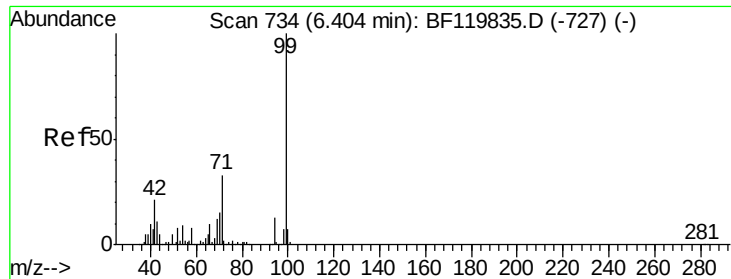


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 41.043 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119856.D

Acq: 9 Apr 2020 6:17

Instrument :

BNA_F

ClientSampleId :

FRAC-COMP

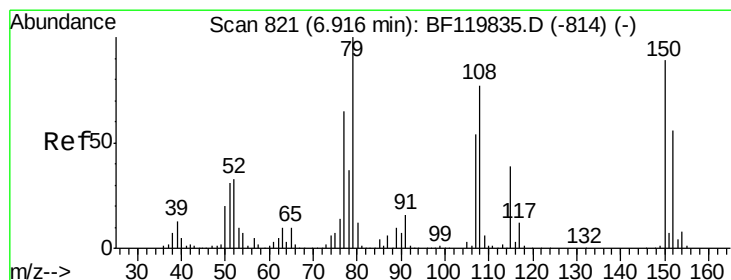
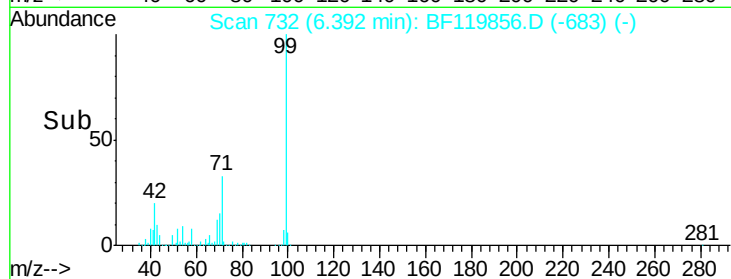
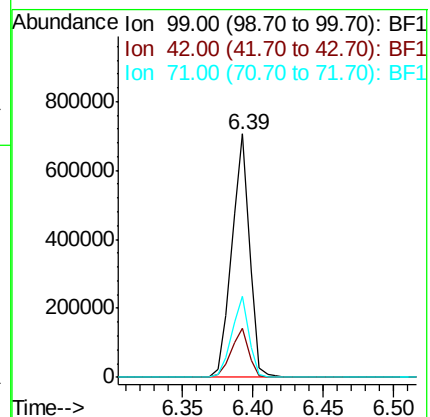
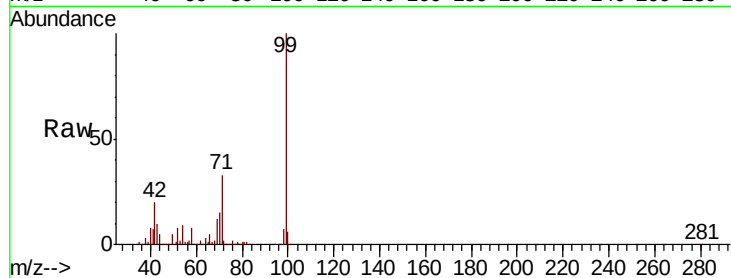
Tot Ion: 99 Resp: 614075

Ion Ratio Lower Upper

99 100

42 20.0 16.9 25.3

71 33.1 26.3 39.5



#15

Benzyl Alcohol

Concen: 4.606 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF119856.D

Acq: 9 Apr 2020 6:17

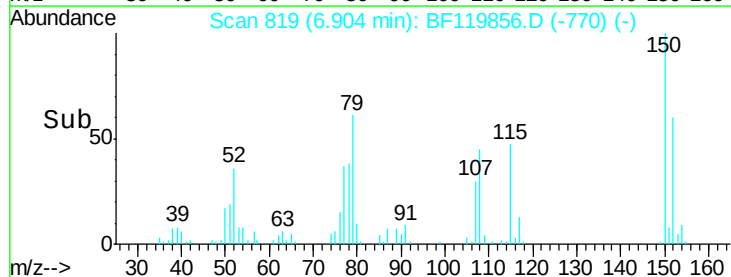
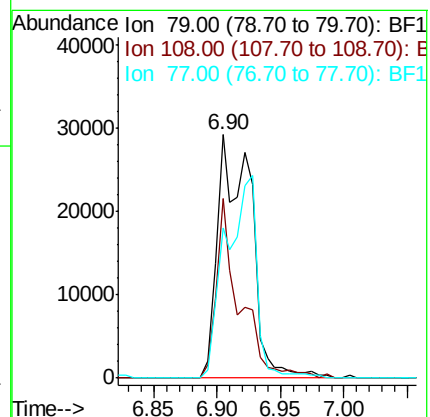
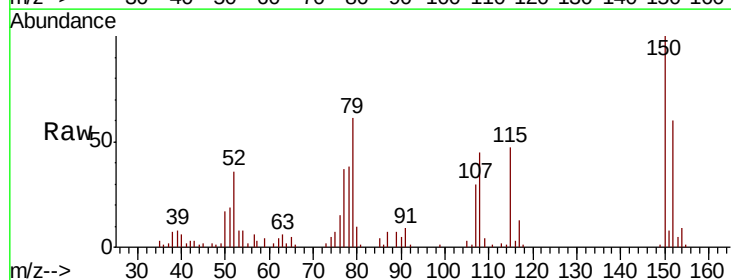
Tgt Ion: 79 Resp: 53531

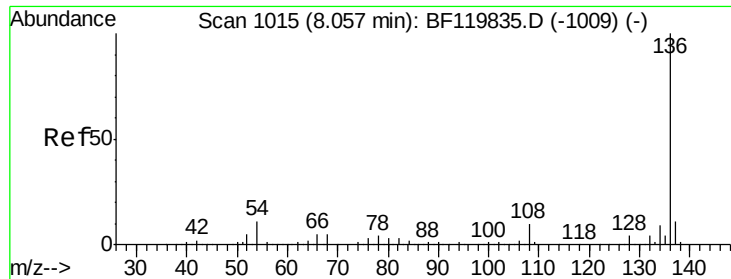
Ion Ratio Lower Upper

79 100

108 73.6 62.0 93.0

77 61.5 51.8 77.6

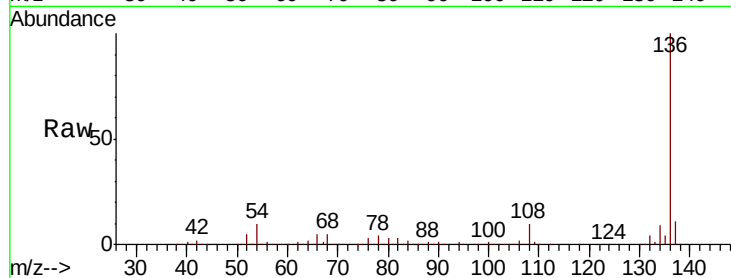




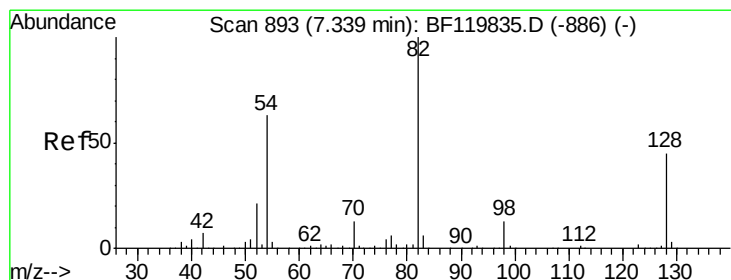
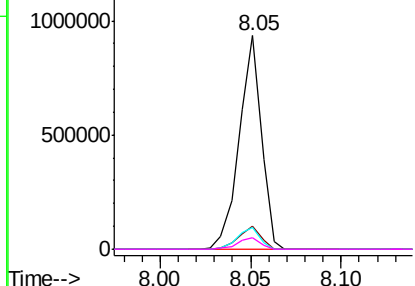
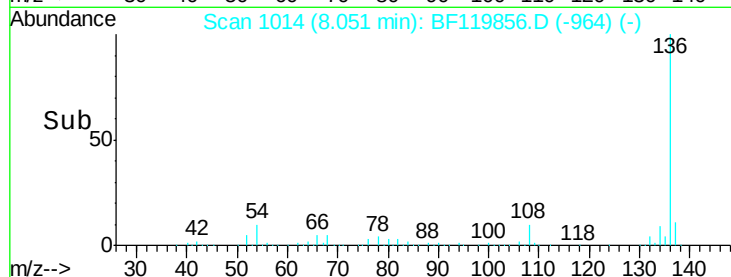
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119856.D
Acq: 9 Apr 2020 6:17

Instrument :
BNA_F
ClientSampleId :
FRAC-COMP

Tot Ion:136	Resp:	795996
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.7 13.1
54	10.1	8.5 12.7
68	5.4	3.9 5.9

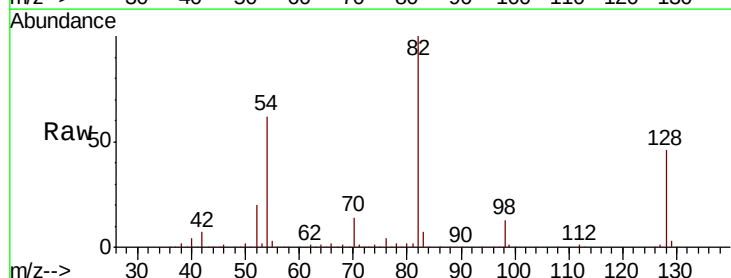


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

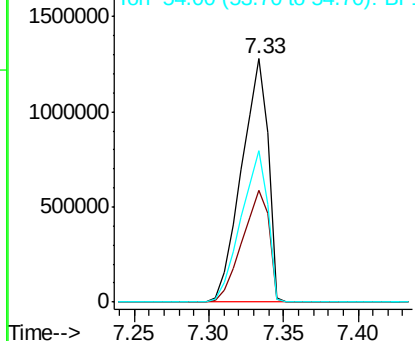
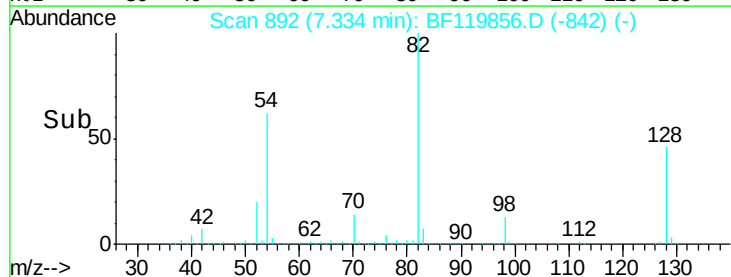


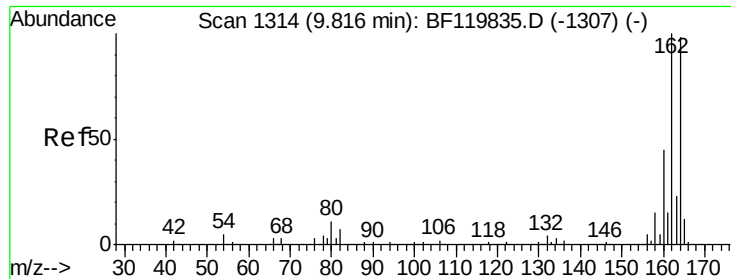
#23
Nitrobenzene-d5
Concen: 102.593 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119856.D
Acq: 9 Apr 2020 6:17

Tgt Ion: 82	Resp:	1578542
Ion	Ratio	Lower Upper
82	100	
128	45.8	36.2 54.4
54	62.1	50.4 75.6



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

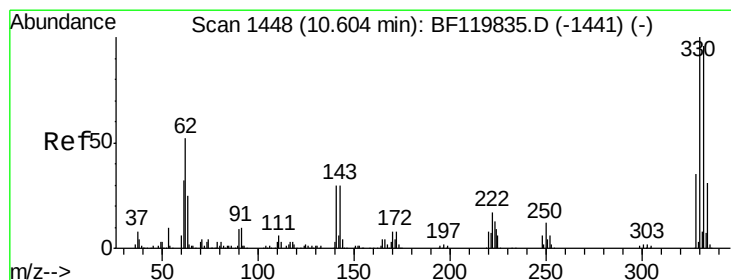
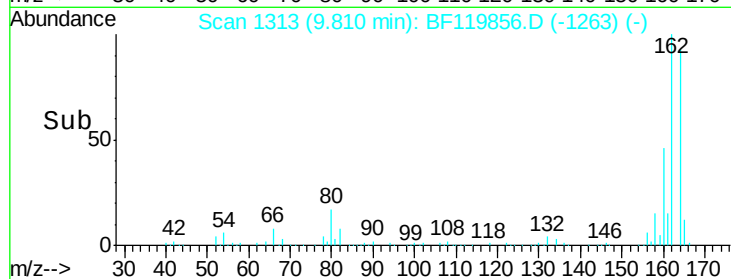
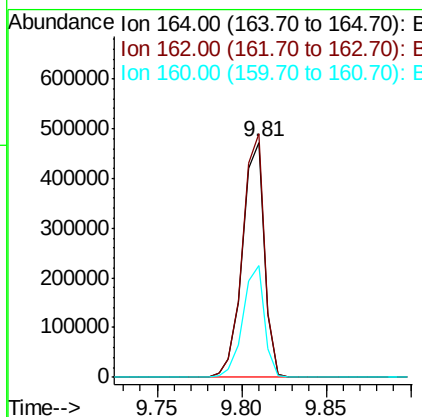
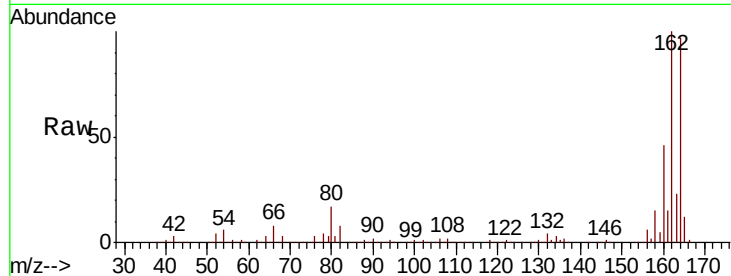




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119856.D
 Acq: 9 Apr 2020 6:17

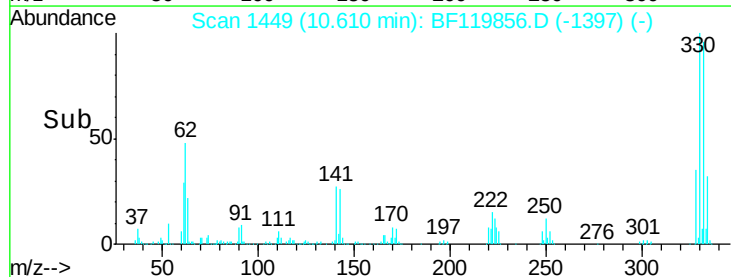
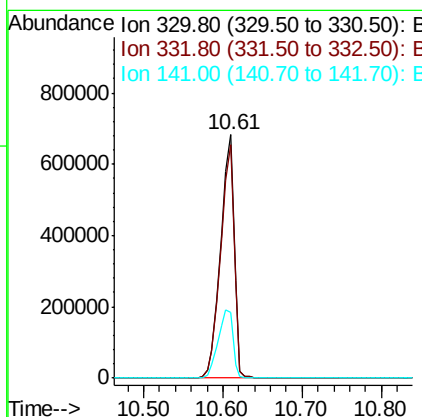
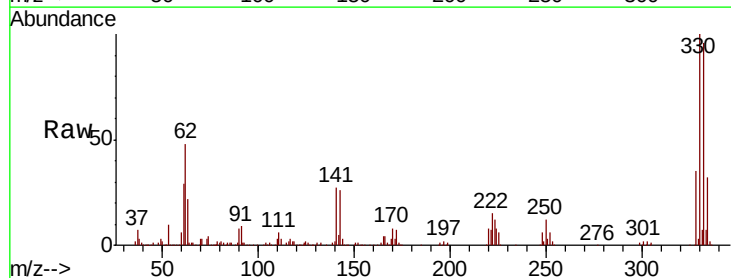
Instrument :
 BNA_F
 ClientSampleId :
 FRAC-COMP

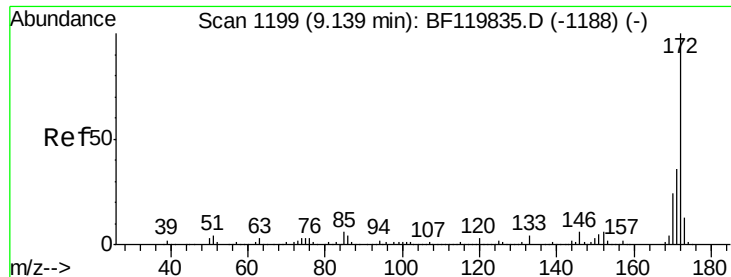
Tot Ion:164 Resp: 431308
 Ion Ratio Lower Upper
 164 100
 162 103.6 81.9 122.9
 160 47.4 36.6 54.8



#42
 2,4,6-Tribromophenol
 Concen: 154.533 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.01 min
 Lab File: BF119856.D
 Acq: 9 Apr 2020 6:17

Tgt Ion:330 Resp: 816037
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.8 115.2
 141 30.7 25.1 37.7

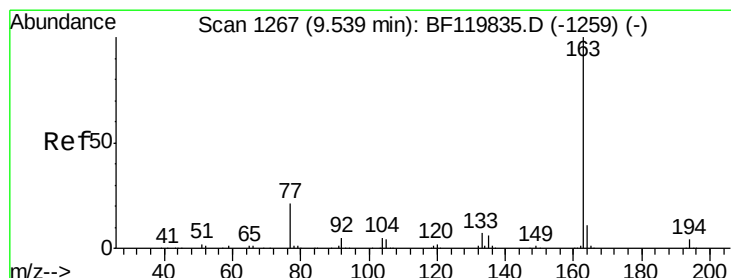
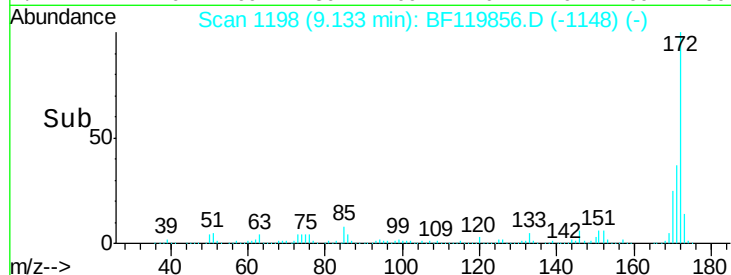
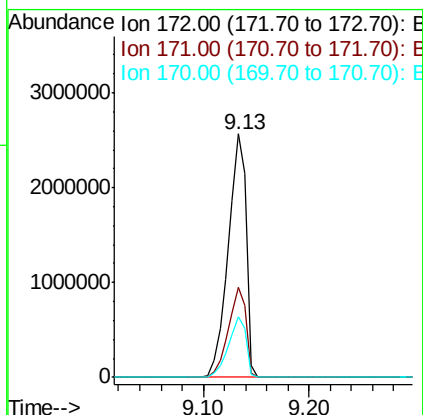
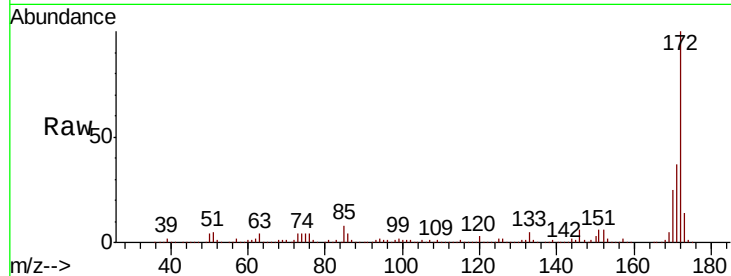




#45
2-Fluorobiphenyl
Concen: 98.642 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF119856.D
Acq: 9 Apr 2020 6:17

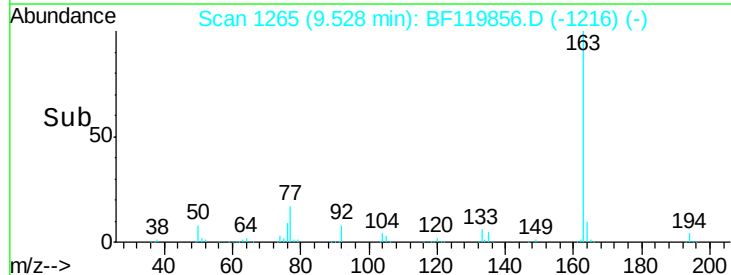
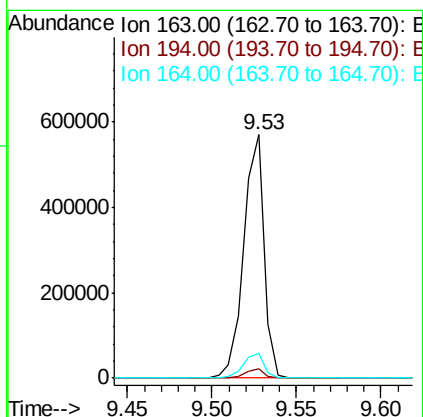
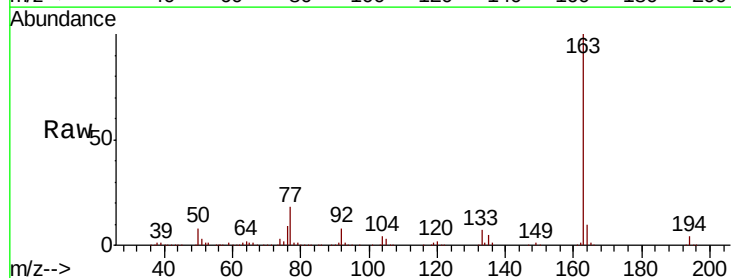
Instrument :
BNA_F
ClientSampleId :
FRAC-COMP

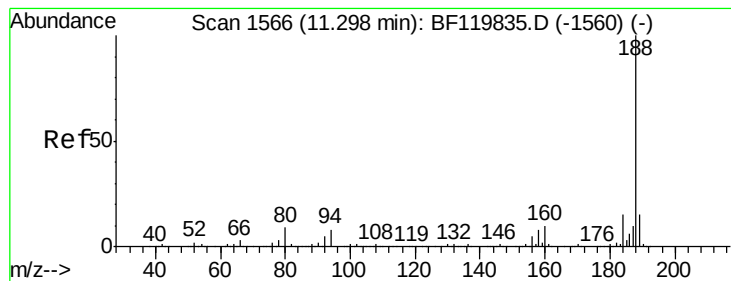
Tot Ion:172 Resp: 2996603
Ion Ratio Lower Upper
172 100
171 36.9 28.9 43.3
170 25.1 19.4 29.2



#50
Dimethylphthalate
Concen: 14.374 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF119856.D
Acq: 9 Apr 2020 6:17

Tgt Ion:163 Resp: 479526
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.0 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF119856.D

Acq: 9 Apr 2020 6:17

Instrument :

BNA_F

ClientSampleId :

FRAC-COMP

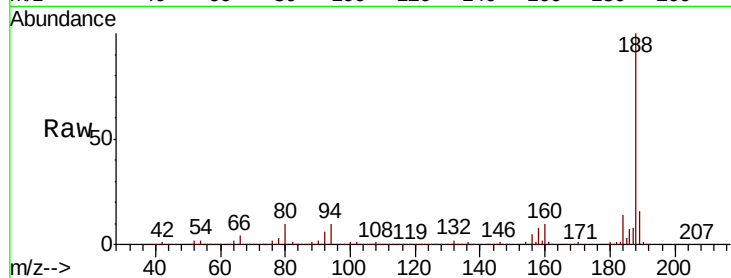
Tot Ion:188 Resp: 836511

Ion Ratio Lower Upper

188 100

94 10.1 6.7 10.1#

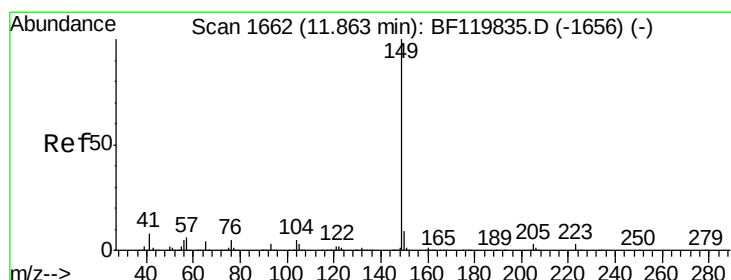
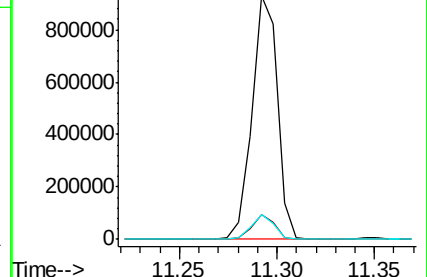
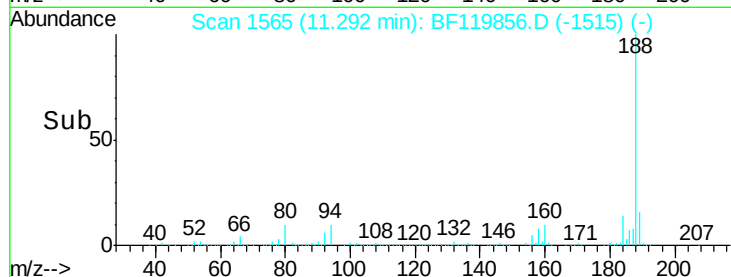
80 10.2 7.4 11.2



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



#74

Di-n-butylphthalate

Concen: 102.316 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.01 min

Lab File: BF119856.D

Acq: 9 Apr 2020 6:17

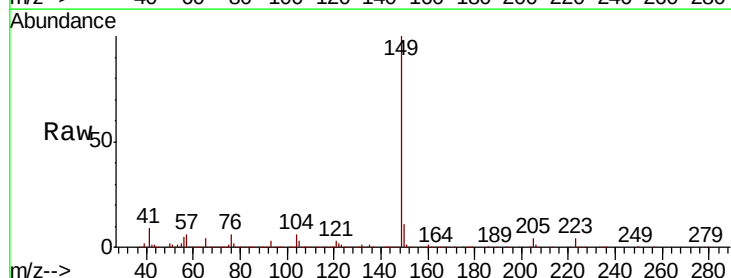
Tgt Ion:149 Resp: 5784887

Ion Ratio Lower Upper

149 100

150 11.1 7.6 11.4

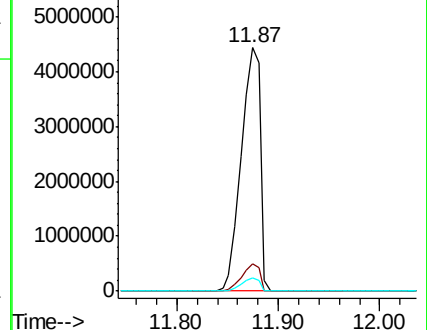
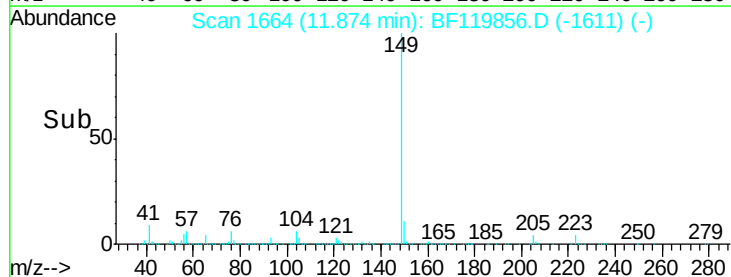
104 5.6 3.8 5.6

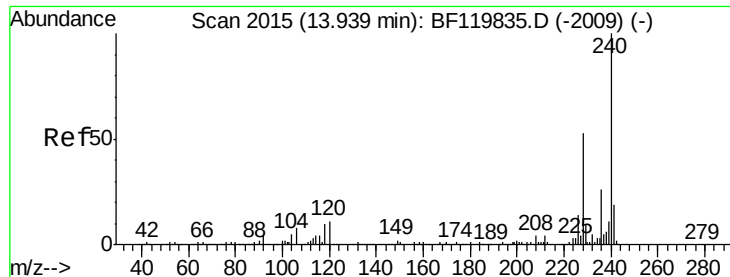


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF119856.D

Acq: 9 Apr 2020 6:17

Instrument :

BNA_F

ClientSampleId :

FRAC-COMP

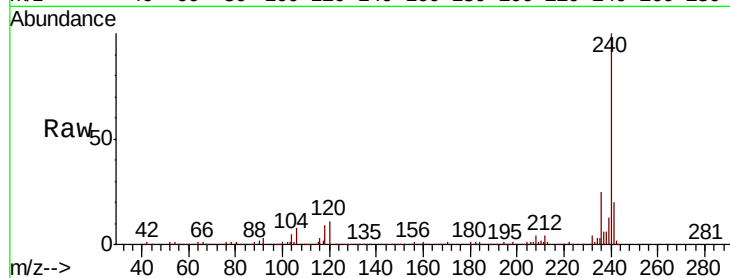
Tot Ion:240 Resp: 619338

Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.6

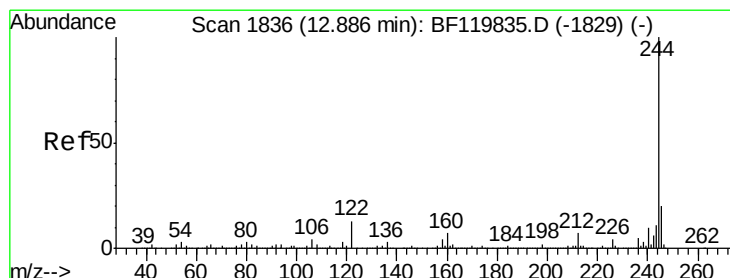
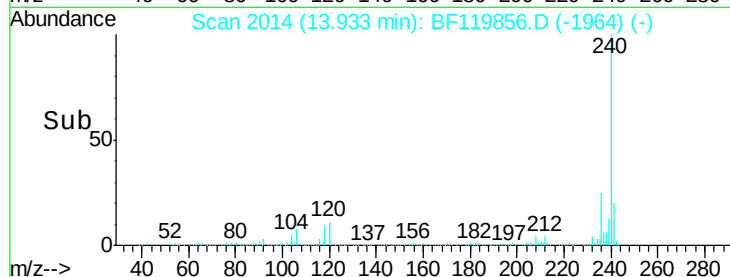
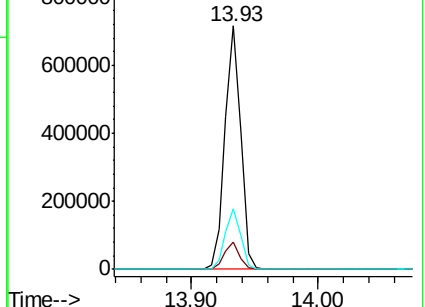
236 25.1 20.7 31.1



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: 92.482 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119856.D

Acq: 9 Apr 2020 6:17

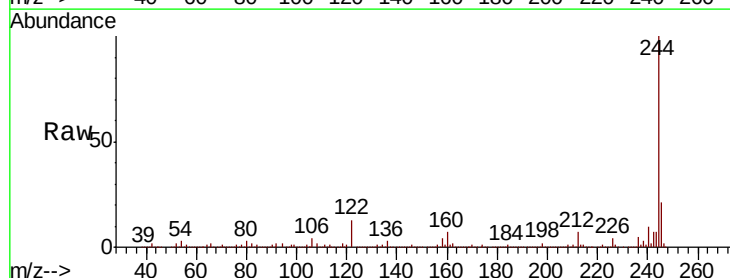
Tgt Ion:244 Resp: 3403995

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

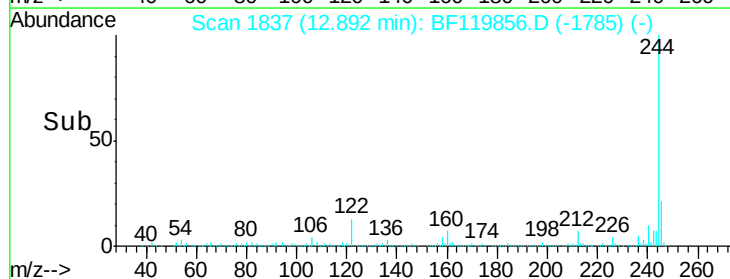
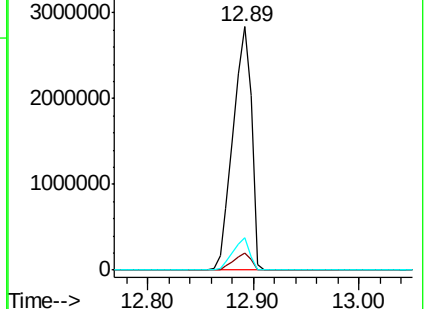
122 13.3 10.3 15.5

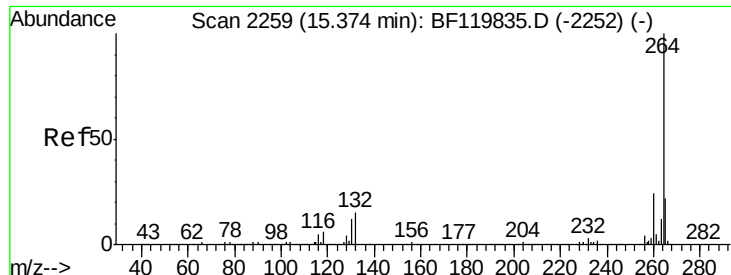


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2258
 Delta R.T. -0.01 min
 Lab File: BF119856.D
 Acq: 9 Apr 2020 6:17

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-COMP

Tot Ion:	264	Resp:	523170
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	21.9	17.6	26.4

