

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
 Data File : BF118355.D
 Acq On : 27 Dec 2019 23:24
 Operator : JU
 Sample : K6443-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 03:06:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

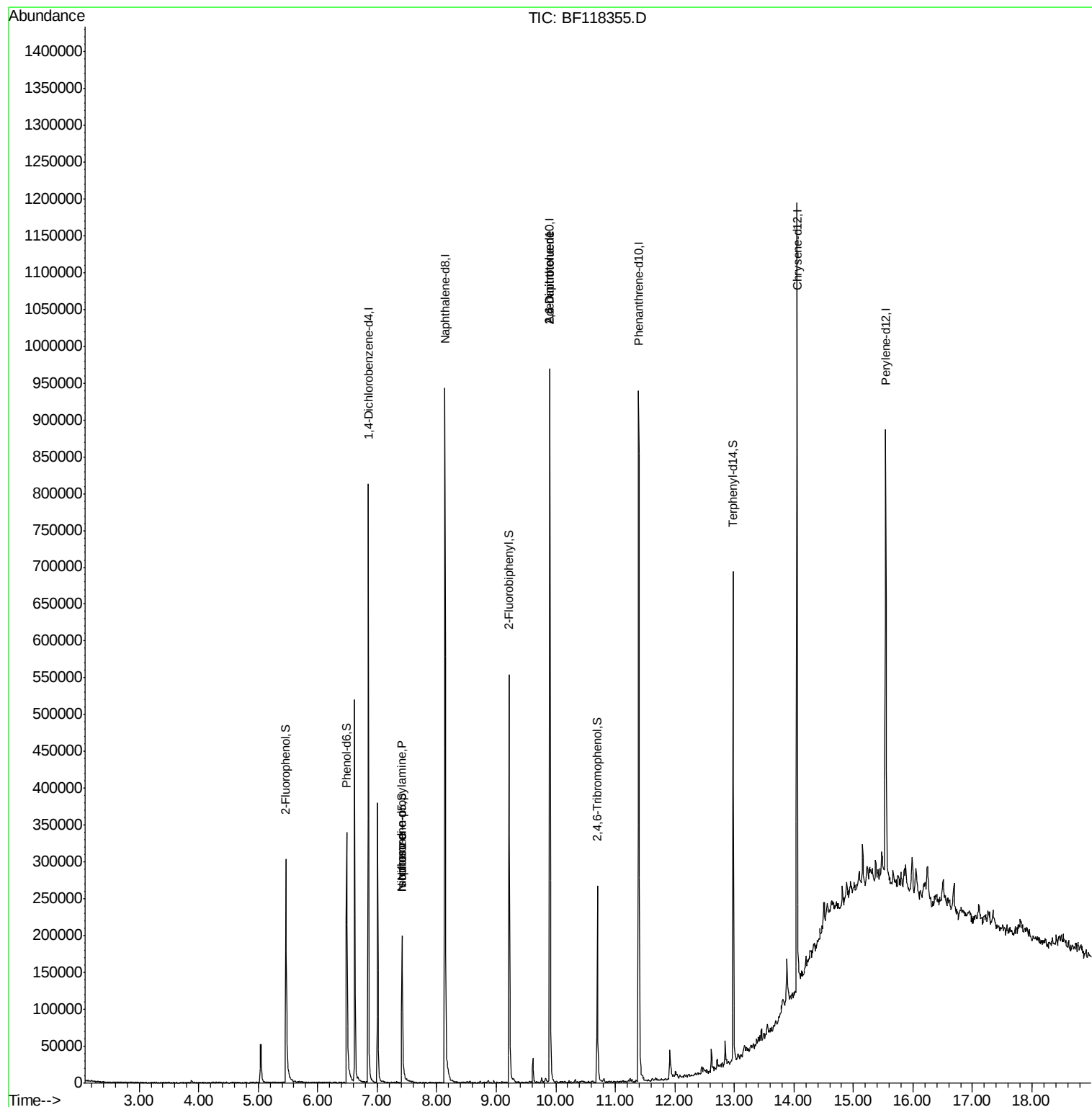
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	125350	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	467637	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	219423	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	394143	20.00	ng	0.00
76) Chrysene-d12	14.05	240	338917	20.00	ng	0.00
87) Perylene-d12	15.54	264	265390	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	127979	17.43	ng	0.00
7) Phenol-d6	6.49	99	159720	17.53	ng	0.00
23) Nitrobenzene-d5	7.42	82	87440	10.69	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	40127	14.81	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	191732	13.34	ng	0.00
79) Terphenyl-d14	12.98	244	211563	10.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	11490	2.047	ng	# 73
25) Isophorone	7.42	82	87439	6.136	ng	# 62
51) 2,6-Dinitrotoluene	9.90	165	28995	8.165	ng	# 27
57) 2,4-Dinitrotoluene	9.90	165	28995	6.111	ng	# 30

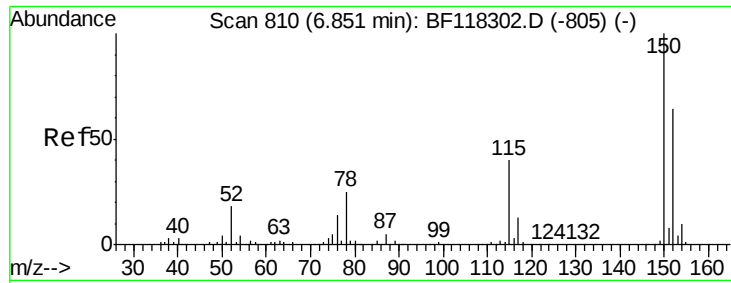
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Dec 28 03:06:43 2019
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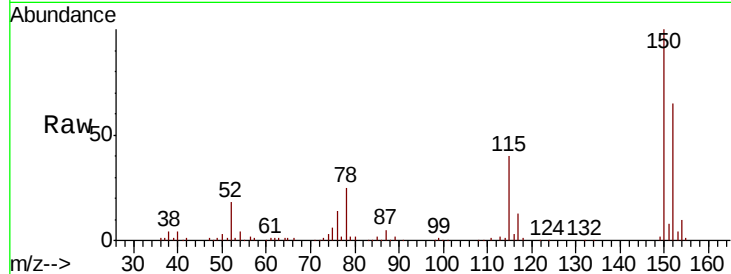


#1

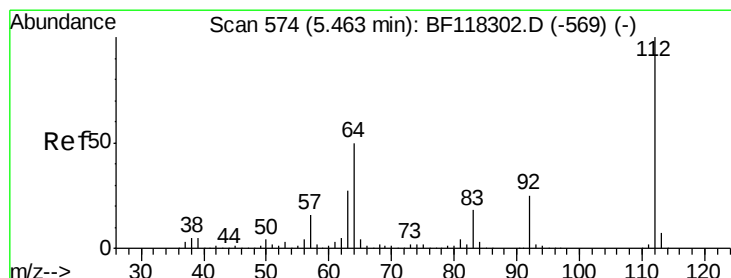
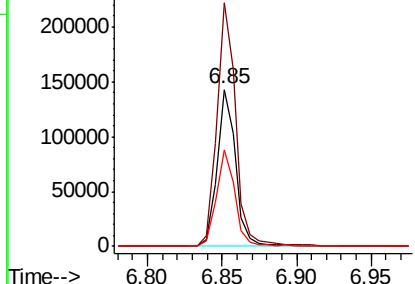
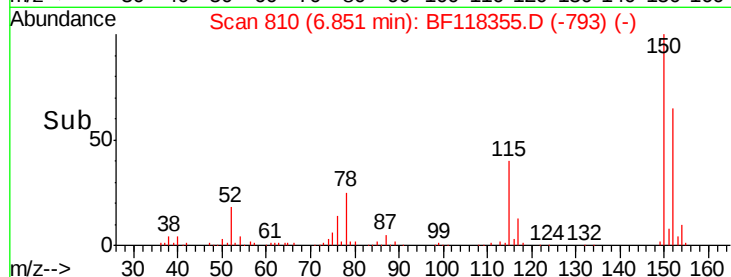
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118355.D
Acq: 27 Dec 2019 23:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 125350
Ion Ratio Lower Upper
152 100
150 154.9 125.4 188.2
115 61.3 50.2 75.4



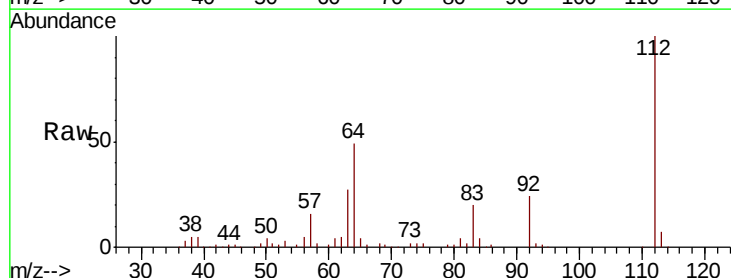
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



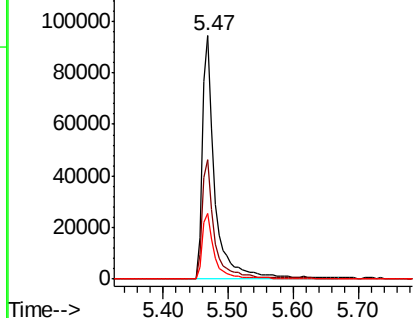
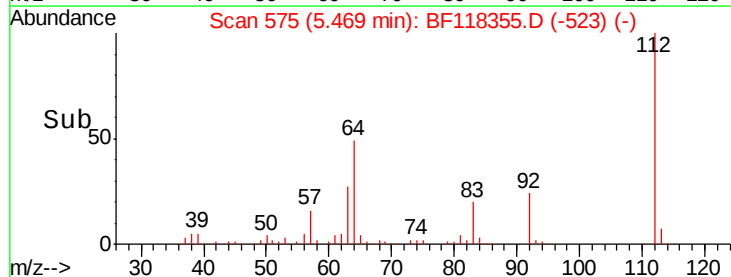
#5

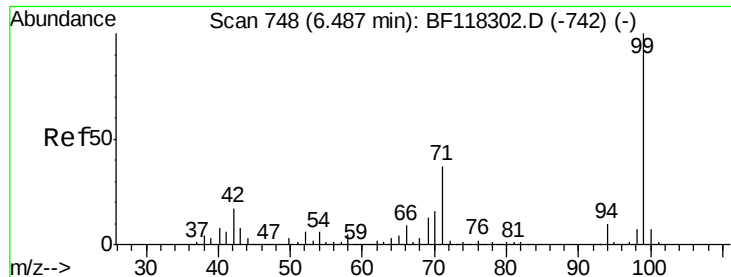
2-Fluorophenol
Concen: 17.428 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF118355.D
Acq: 27 Dec 2019 23:24

Tgt Ion:112 Resp: 127979
Ion Ratio Lower Upper
112 100
64 49.0 39.7 59.5
63 27.2 21.7 32.5



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: 17.533 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF118355.D

Acq: 27 Dec 2019 23:24

Instrument :

BNA_F

ClientSampleId :

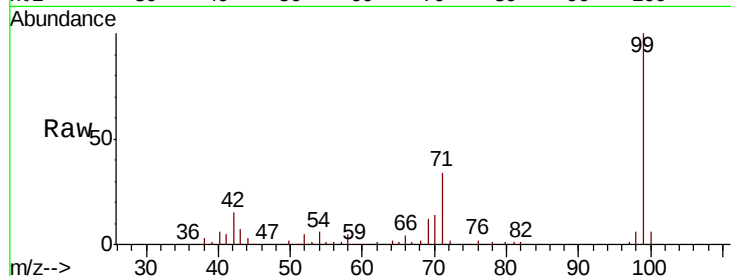
Tot Ion: 99 Resp: 159720

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

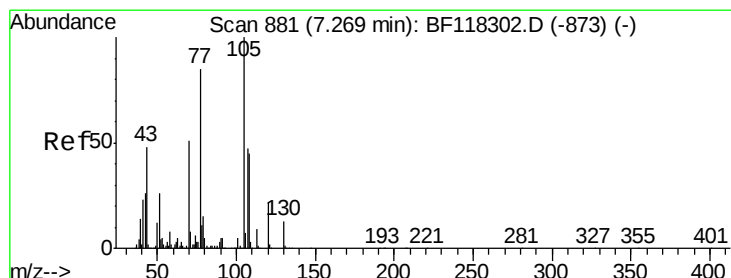
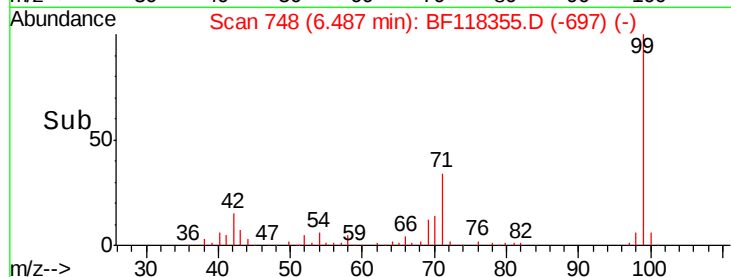
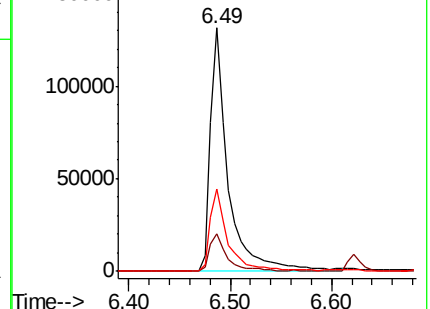
71 33.8 29.4 44.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.047 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF118355.D

Acq: 27 Dec 2019 23:24

Tgt Ion: 70 Resp: 11490

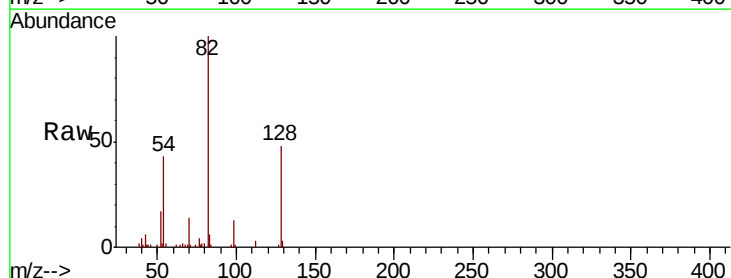
Ion Ratio Lower Upper

70 100

42 40.9 41.1 61.7#

101 0.0 8.3 12.5#

130 0.0 20.1 30.1#

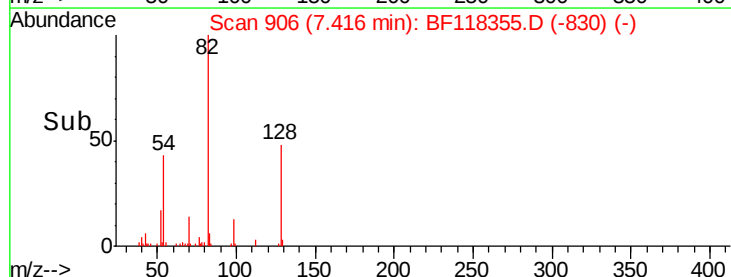
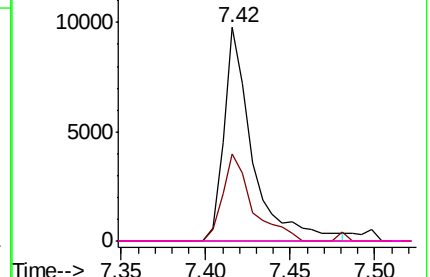


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

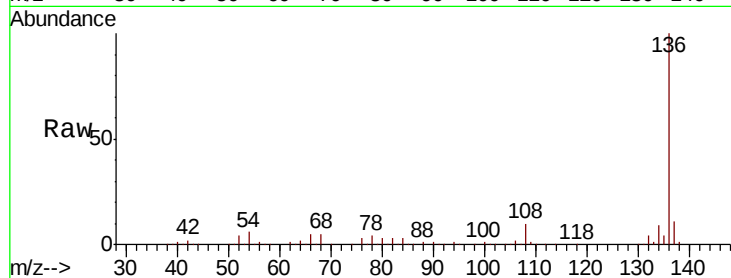




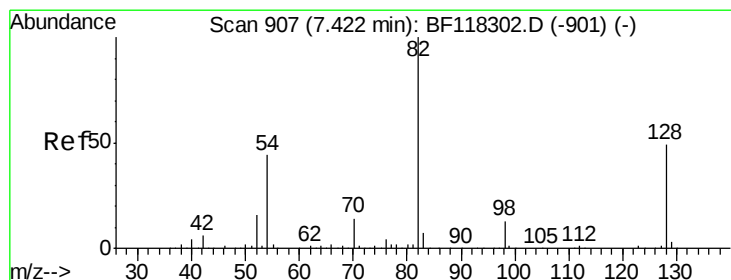
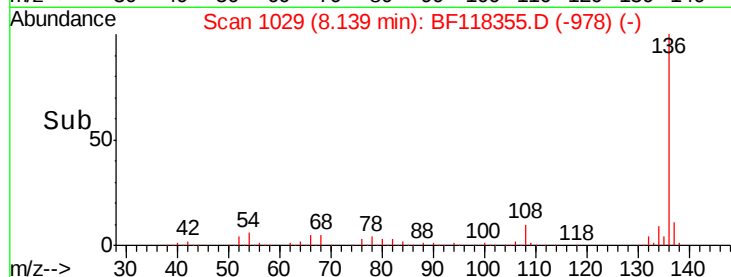
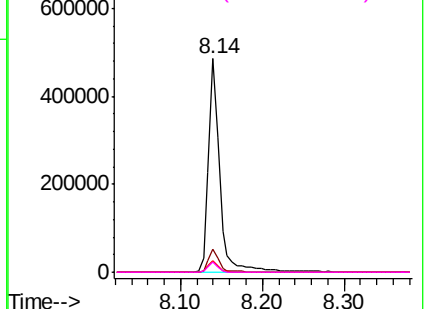
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118355.D
Acq: 27 Dec 2019 23:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	467637
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	5.5	4.2 6.4
68	4.8	3.5 5.3

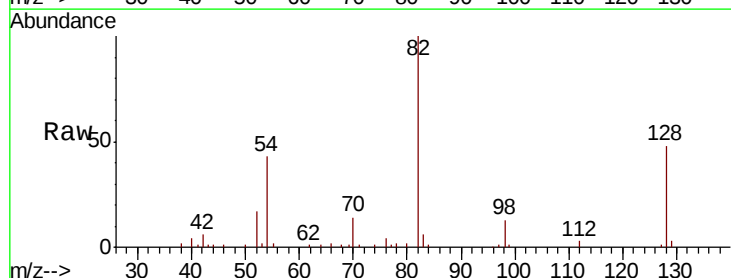


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

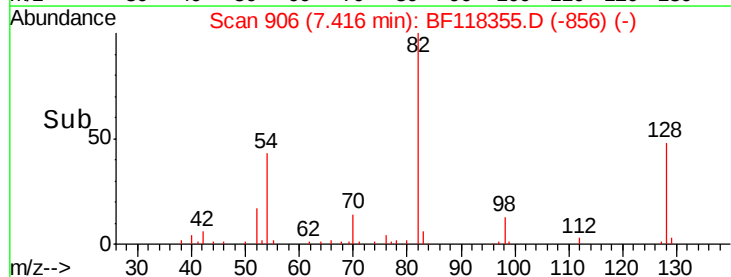
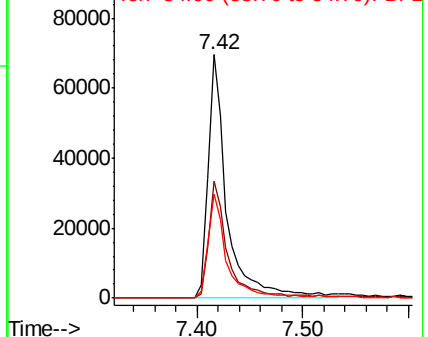


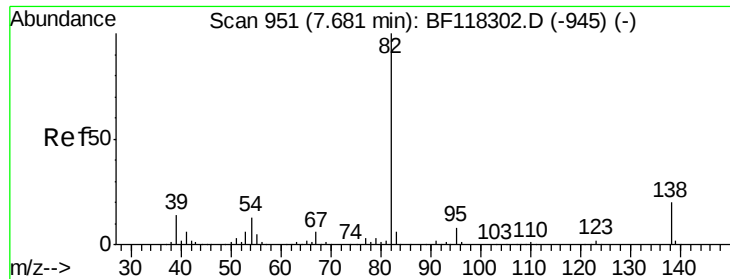
#23
Nitrobenzene-d5
Concen: 10.694 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118355.D
Acq: 27 Dec 2019 23:24

Tgt Ion: 82	Resp:	87440
Ion Ratio	Lower	Upper
82	100	
128	47.8	39.6 59.4
54	42.9	34.9 52.3



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





#25

Isophorone

Concen: 6.136 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF118355.D

Acq: 27 Dec 2019 23:24

Instrument :

BNA_F

ClientSampled :

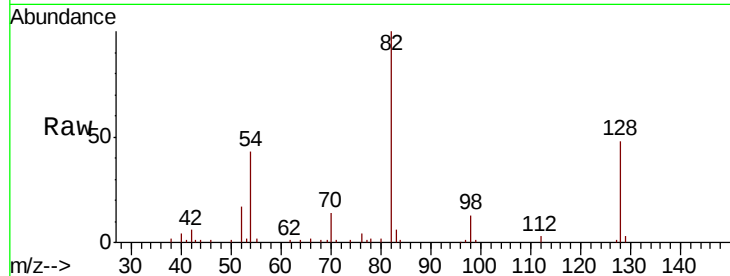
Tot Ion: 82 Resp: 87439

Ion Ratio Lower Upper

82 100

95 0.0 6.3 9.5#

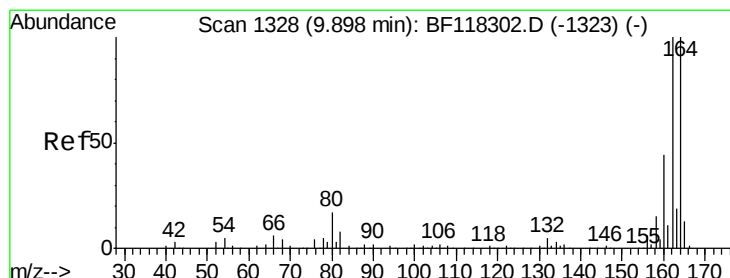
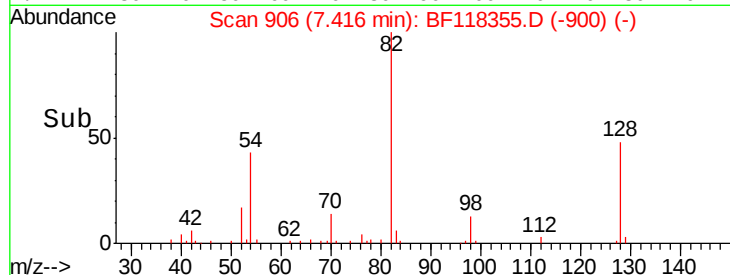
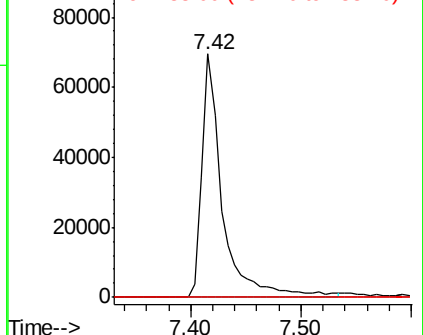
138 0.0 16.2 24.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF118355.D

Acq: 27 Dec 2019 23:24

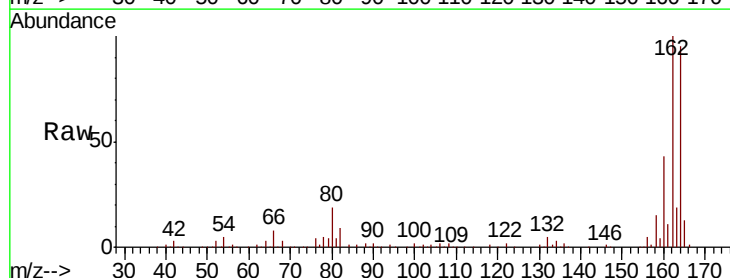
Tgt Ion: 164 Resp: 219423

Ion Ratio Lower Upper

164 100

162 104.8 80.0 120.0

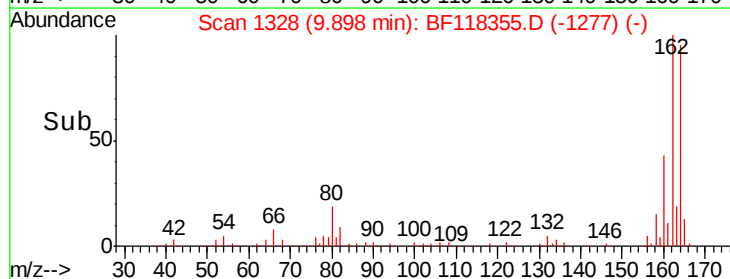
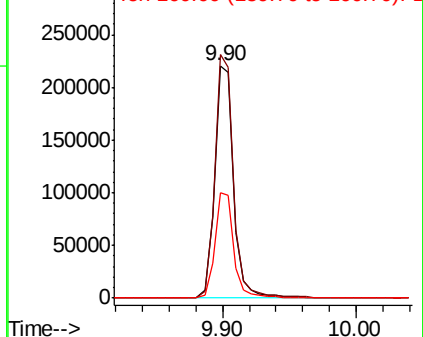
160 45.3 34.8 52.2

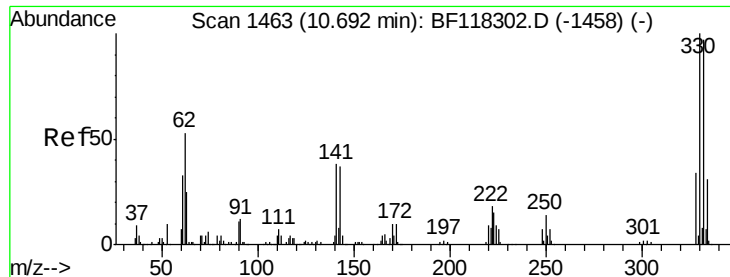


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

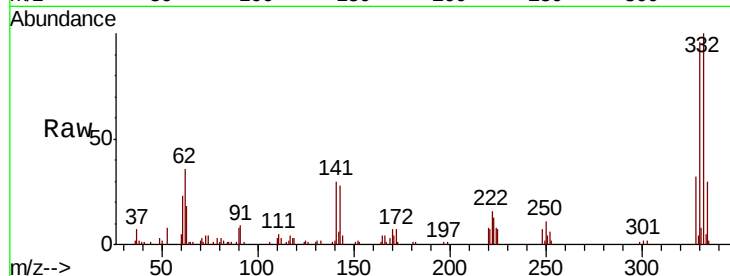




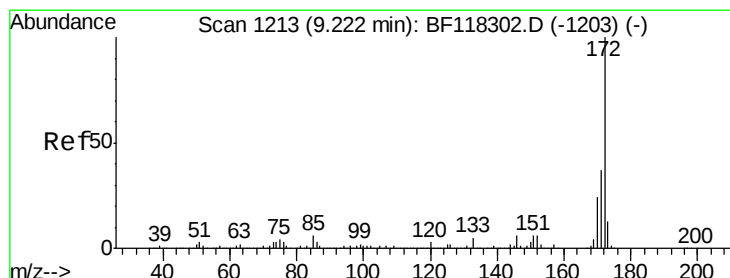
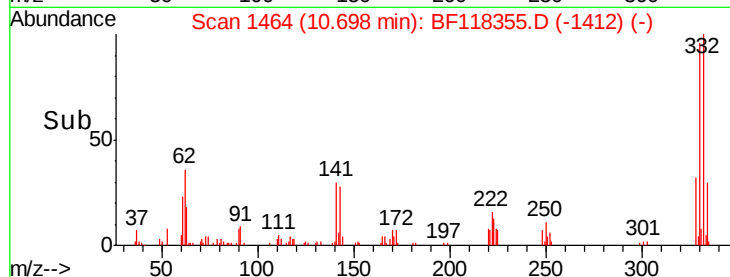
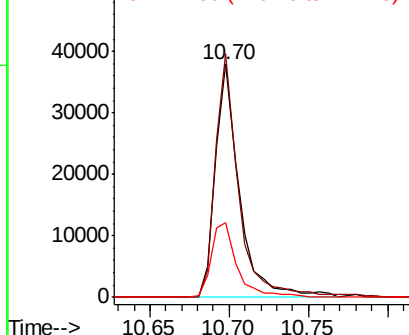
#42
 2,4,6-Tribromophenol
 Concen: 14.809 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF118355.D
 Acq: 27 Dec 2019 23:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 40127
 Ion Ratio Lower Upper
 330 100
 332 100.0 76.6 114.8
 141 34.2 26.0 39.0

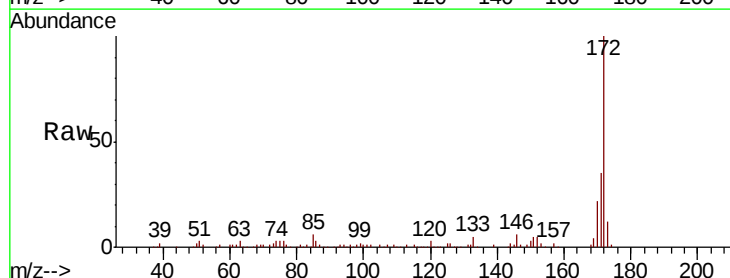


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

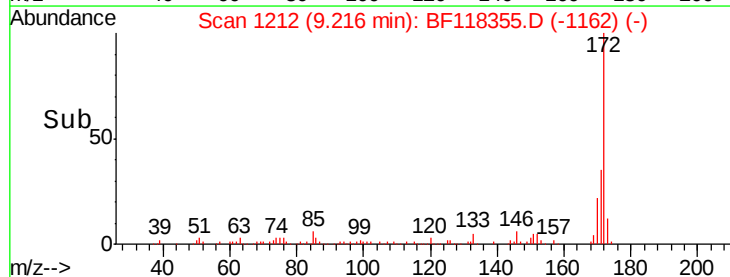
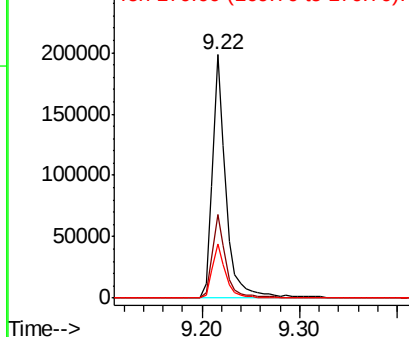


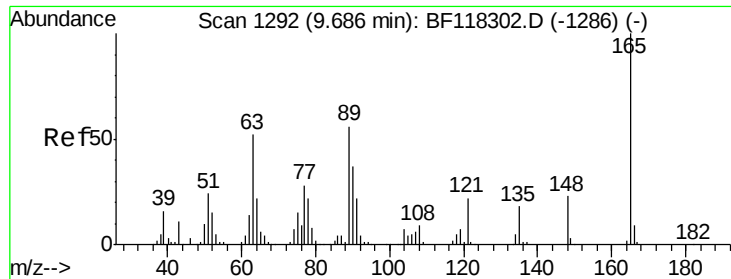
#45
 2-Fluorobiphenyl
 Concen: 13.338 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118355.D
 Acq: 27 Dec 2019 23:24

Tgt Ion:172 Resp: 191732
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.3 43.9
 170 22.0 19.2 28.8



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





#51

2,6-Dinitrotoluene

Concen: 8.165 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.21 min

Lab File: BF118355.D

Acq: 27 Dec 2019 23:24

Instrument :

BNA_F

ClientSampleId :

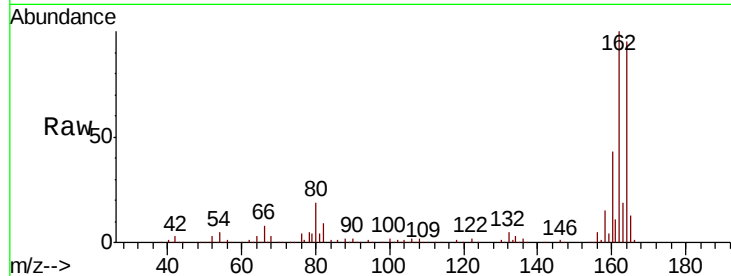
Tot Ion:165 Resp: 28995

Ion Ratio Lower Upper

165 100

63 1.9 42.2 63.4#

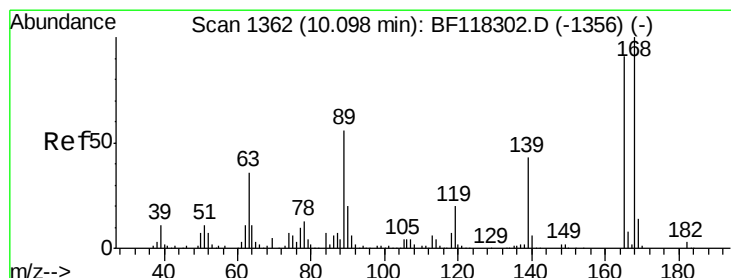
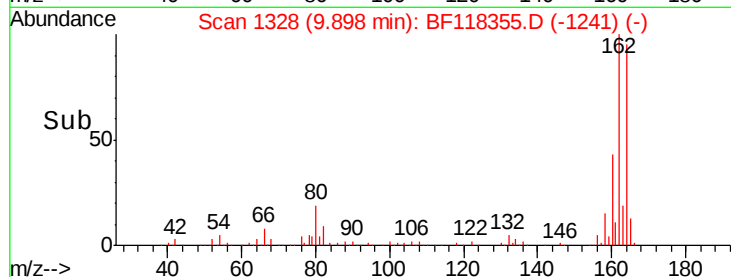
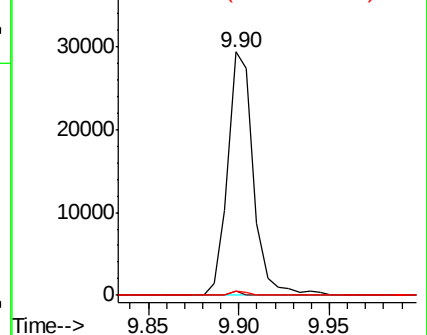
89 1.6 44.4 66.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 6.111 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.20 min

Lab File: BF118355.D

Acq: 27 Dec 2019 23:24

Tgt Ion:165 Resp: 28995

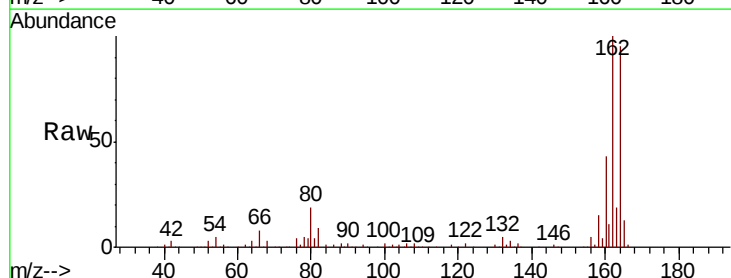
Ion Ratio Lower Upper

165 100

63 1.9 32.0 48.0#

89 1.6 49.3 73.9#

182 0.0 2.4 3.6#

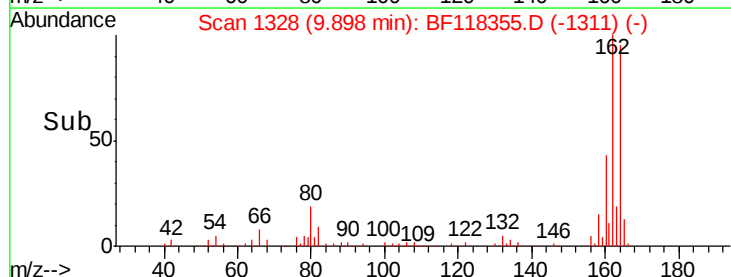
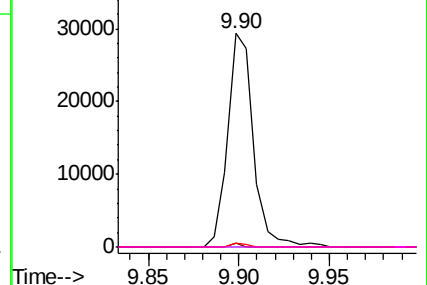


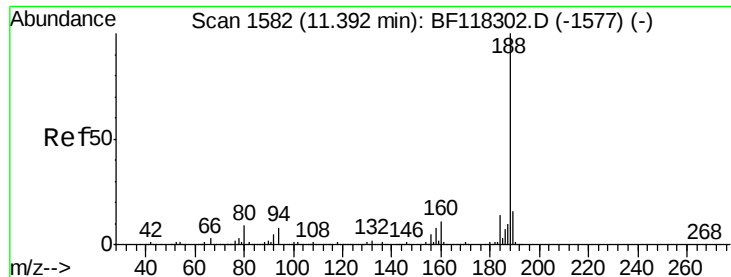
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

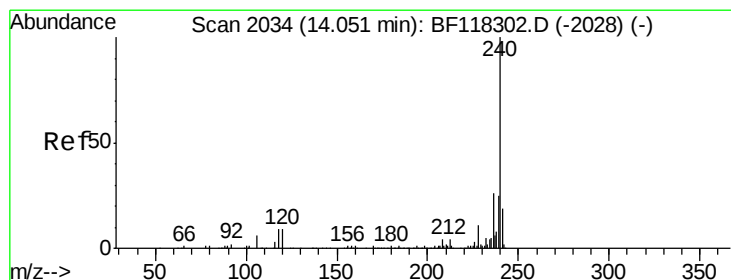
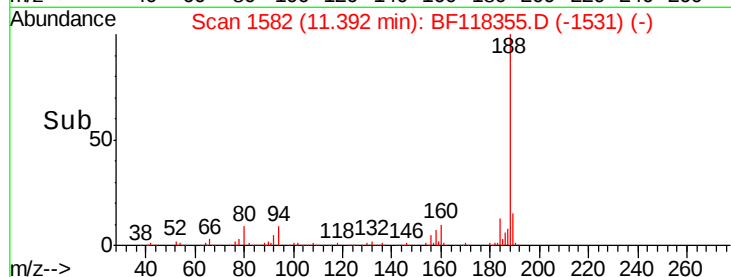
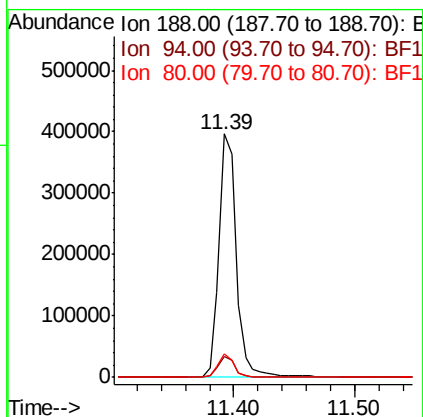
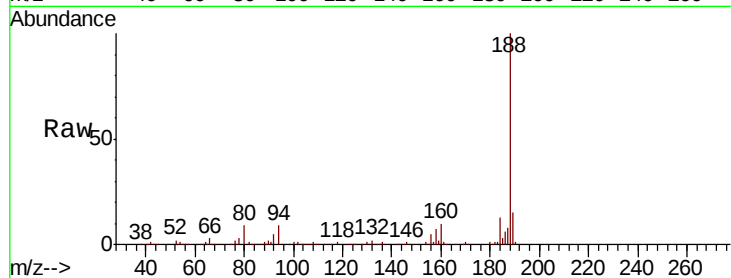




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118355.D
Acq: 27 Dec 2019 23:24

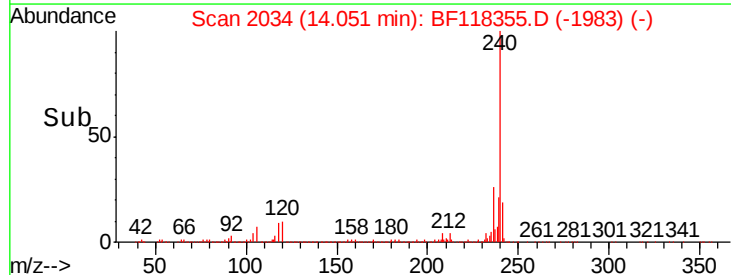
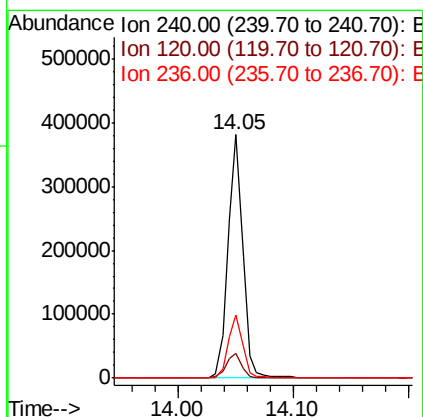
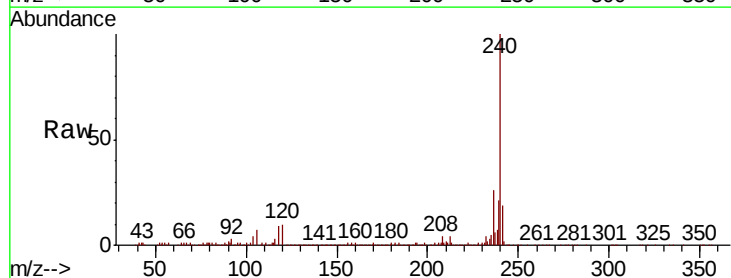
Instrument :
BNA_F
ClientSampleId :

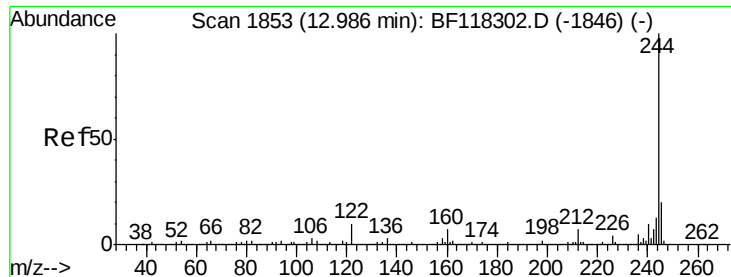
Tot Ion:188 Resp: 394143
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.5 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF118355.D
Acq: 27 Dec 2019 23:24

Tgt Ion:240 Resp: 338917
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 25.9 21.0 31.6





#79

Terphenyl-d14

Concen: 10.356 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118355.D

Acq: 27 Dec 2019 23:24

Instrument :

BNA_F

ClientSampleId :

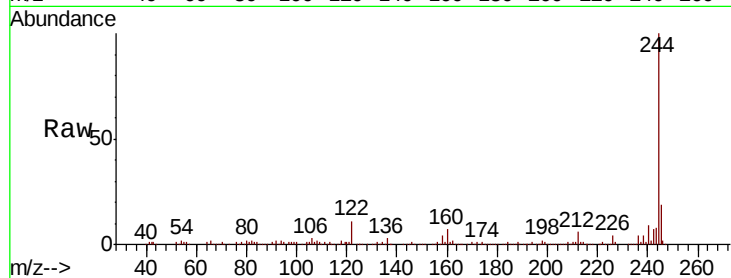
Tot Ion:244 Resp: 211563

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

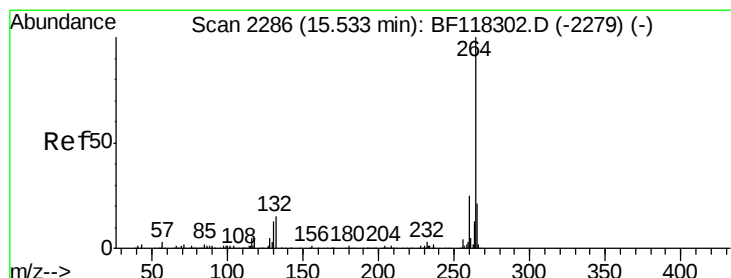
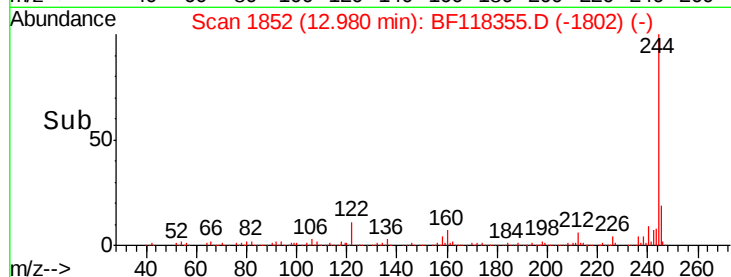
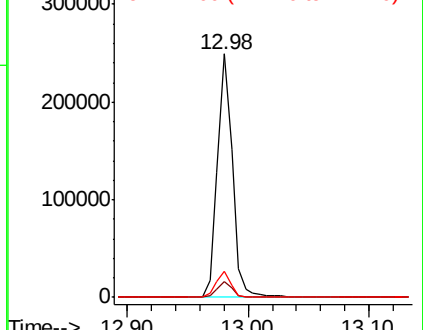
122 10.6 7.8 11.8



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: 15.54 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BF118355.D

Acq: 27 Dec 2019 23:24

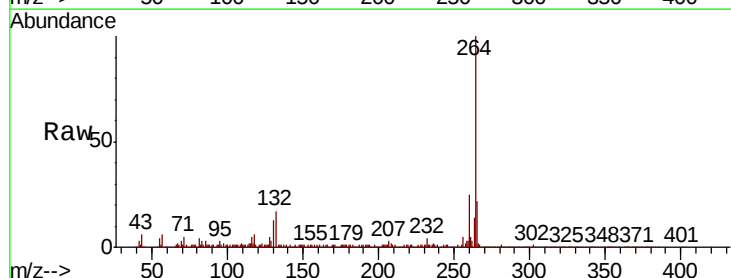
Tgt Ion:264 Resp: 265390

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.6

265 21.9 17.0 25.4



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

