

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113478.D
 Acq On : 1 Apr 2019 20:43
 Operator : JU/SJ
 Sample : K2186-17 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-3

Quant Time: Apr 02 01:10:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

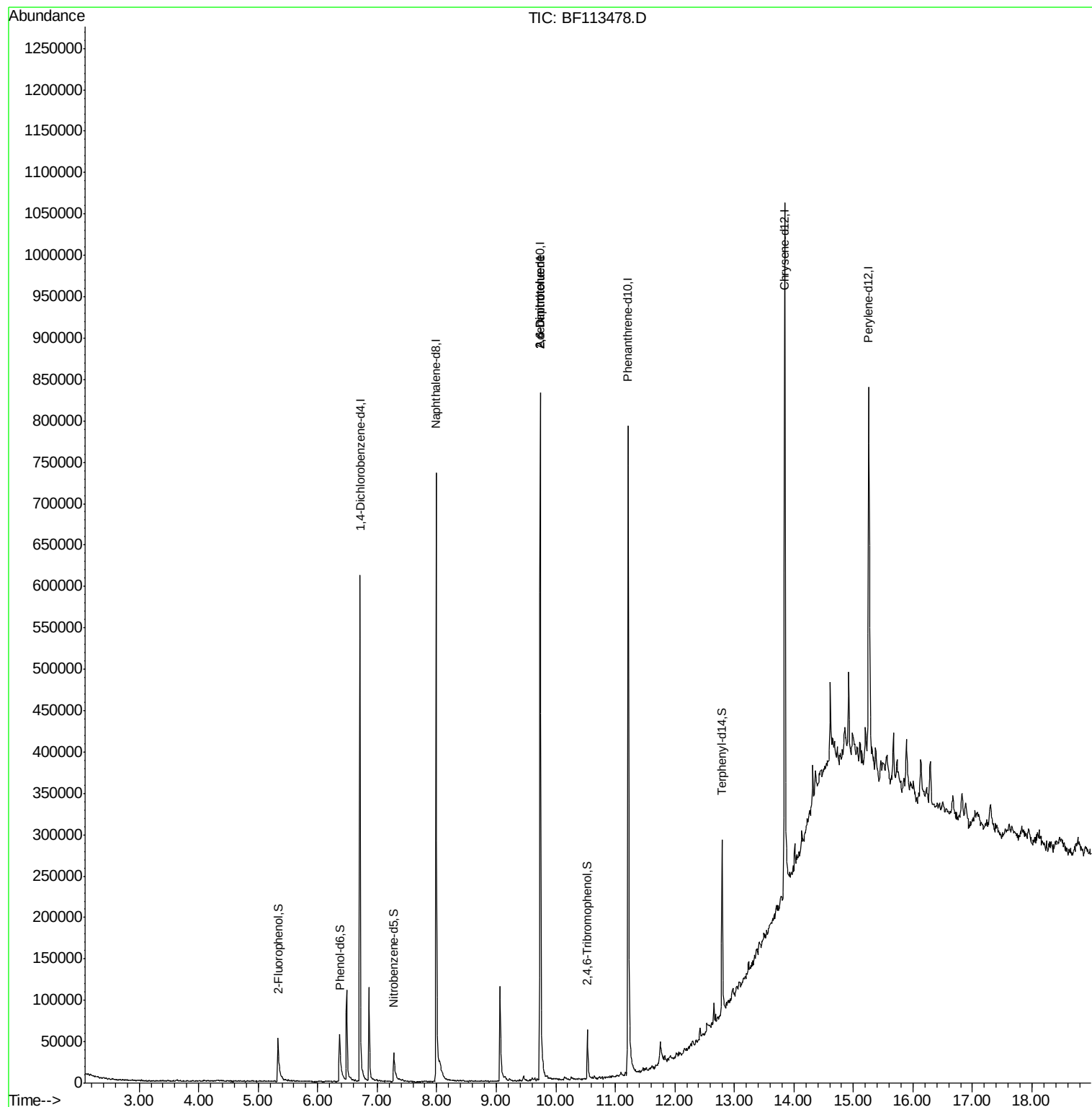
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	113240	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	444044	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	197843	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	388908	20.00	ng	0.00
76) Chrysene-d12	13.84	240	357389	20.00	ng	0.00
87) Perylene-d12	15.26	264	217839	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	35726	5.16	ng	0.02
7) Phenol-d6	6.36	99	50122	5.72	ng	0.00
23) Nitrobenzene-d5	7.28	82	25978	3.47	ng	0.01
42) 2,4,6-Tribromophenol	10.53	330	12938	5.29	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	66623	-15.59	ng	0.00
79) Terphenyl-d14	12.80	244	90402	5.58	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.74	165	25221	7.625	ng	# 25
57) 2,4-Dinitrotoluene	9.74	165	25221	5.996	ng	# 22

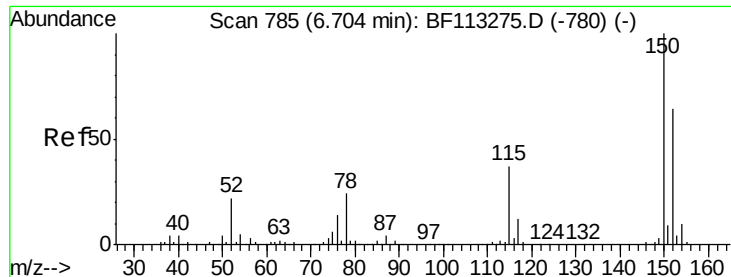
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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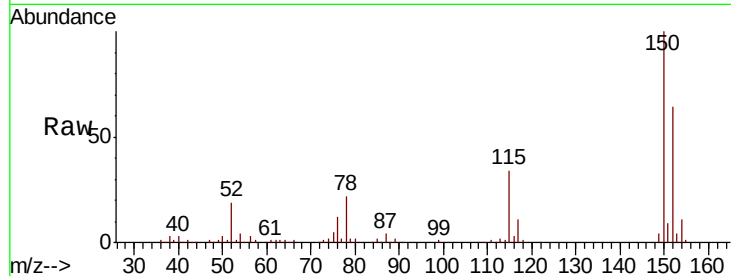


#1

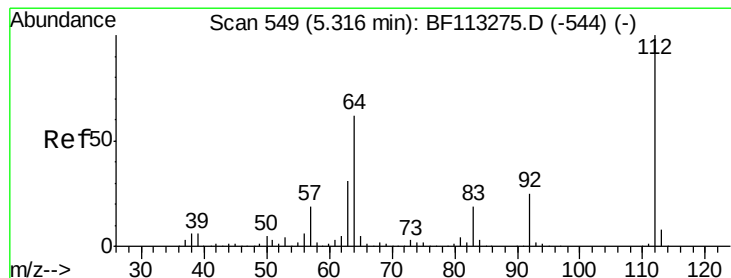
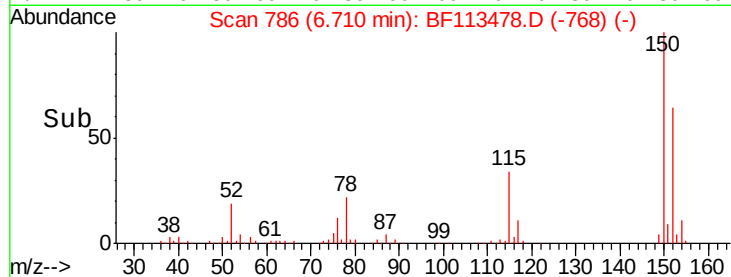
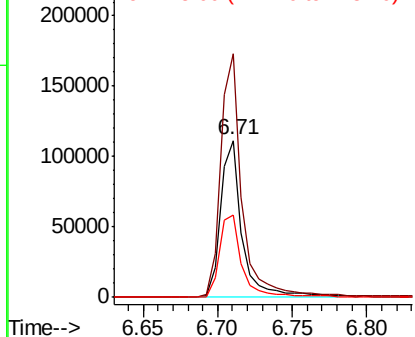
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF113478.D
 Acq: 1 Apr 2019 20:43

Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-3

Tgt Ion:152 Resp: 113240
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.7 187.1
 115 52.8 46.0 69.0



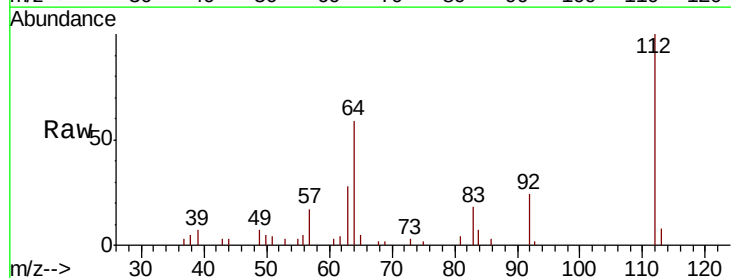
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



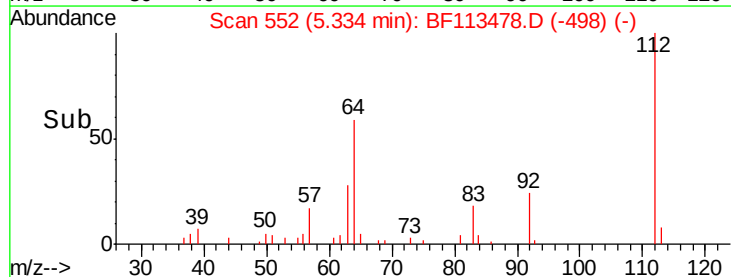
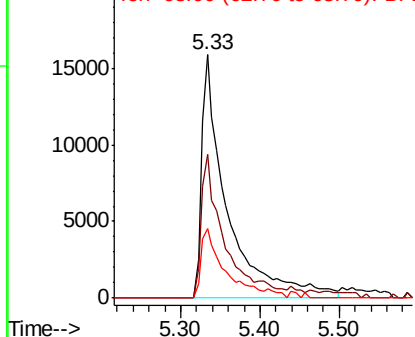
#5

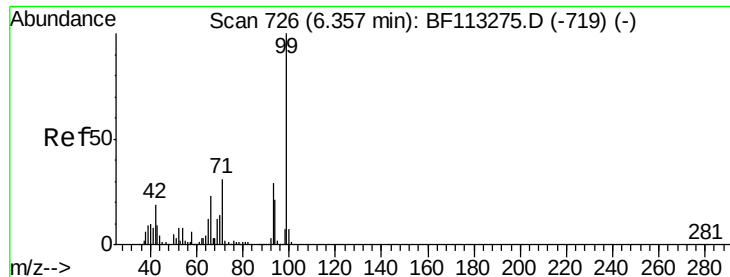
2-Fluorophenol
 Concen: 5.159 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.02 min
 Lab File: BF113478.D
 Acq: 1 Apr 2019 20:43

Tgt Ion:112 Resp: 35726
 Ion Ratio Lower Upper
 112 100
 64 59.3 49.2 73.8
 63 28.4 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: 5.721 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF113478.D

Acq: 1 Apr 2019 20:43

Instrument :

BNA_F

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-3

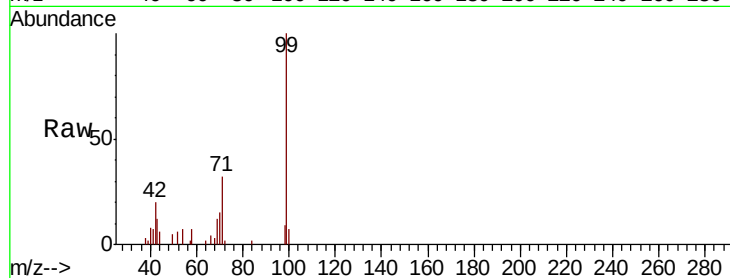
Tgt Ion: 99 Resp: 50122

Ion Ratio Lower Upper

99 100

42 19.6 14.8 22.2

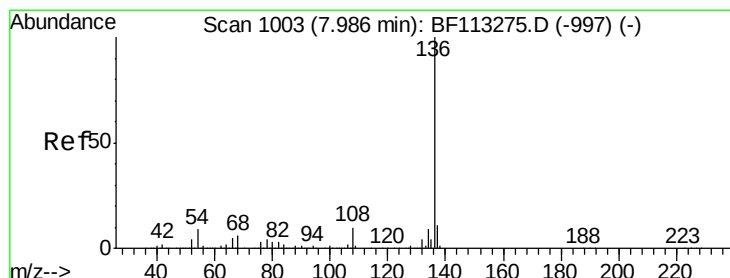
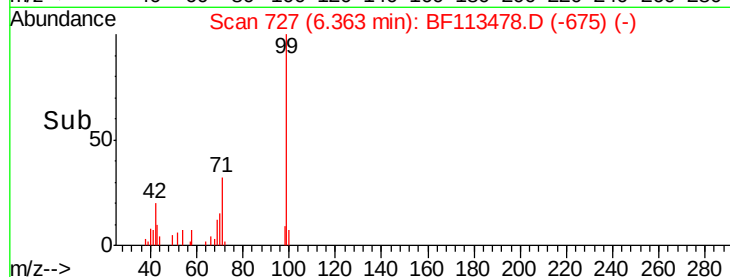
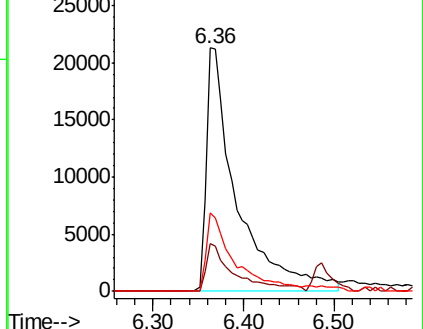
71 32.0 24.9 37.3



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: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF113478.D

Acq: 1 Apr 2019 20:43

Tgt Ion: 136 Resp: 444044

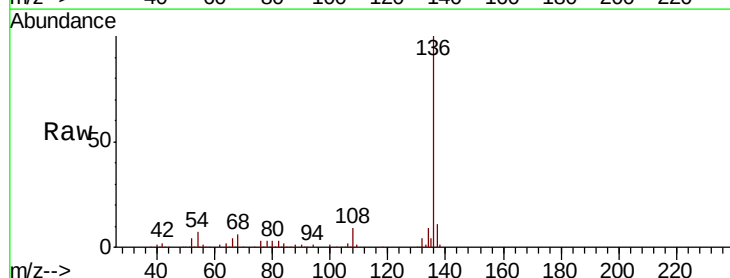
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.3 7.0 10.6

68 5.5 4.8 7.2

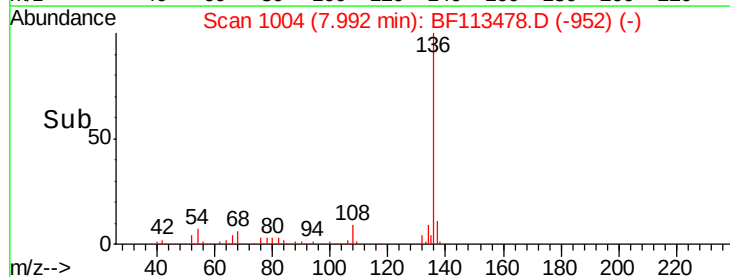
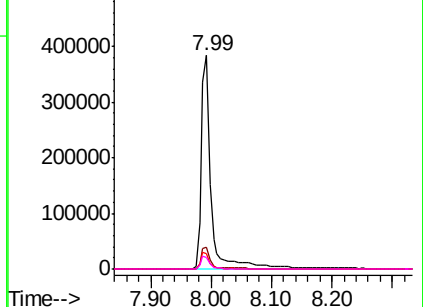


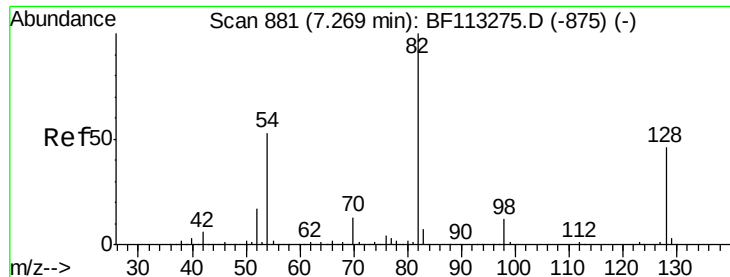
Abundance Ion 136.00 (135.70 to 136.70): E

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

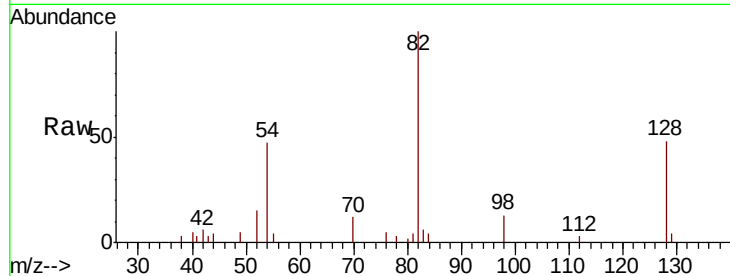




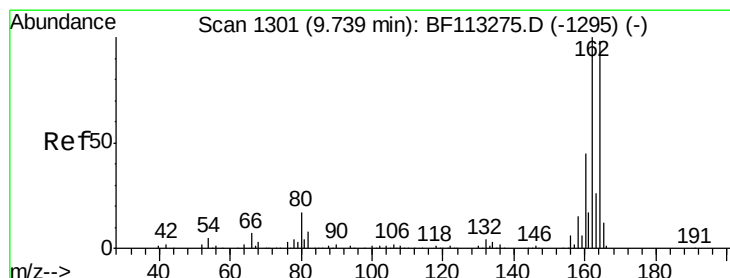
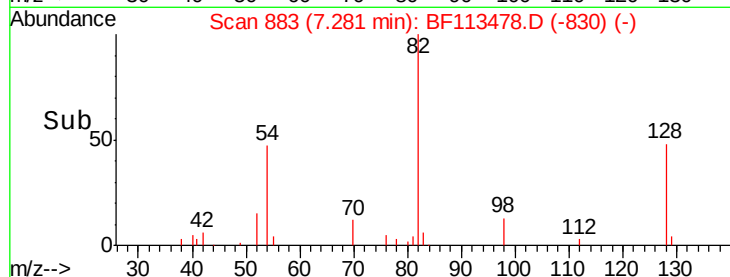
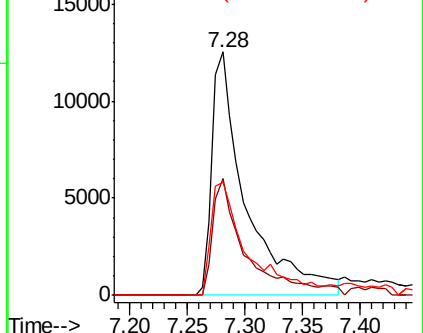
#23
 Nitrobenzene-d5
 Concen: 3.472 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.01 min
 Lab File: BF113478.D
 Acq: 1 Apr 2019 20:43

Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-3

Tgt Ion: 82 Resp: 25978
 Ion Ratio Lower Upper
 82 100
 128 47.8 36.5 54.7
 54 46.7 42.2 63.2

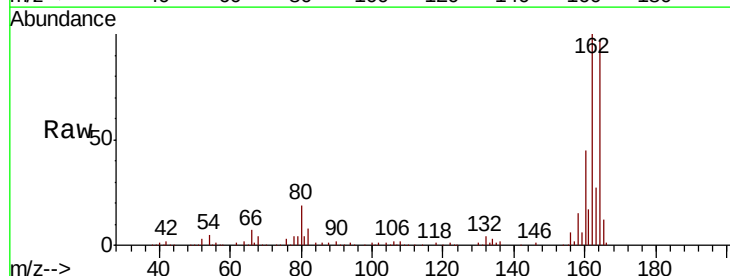


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

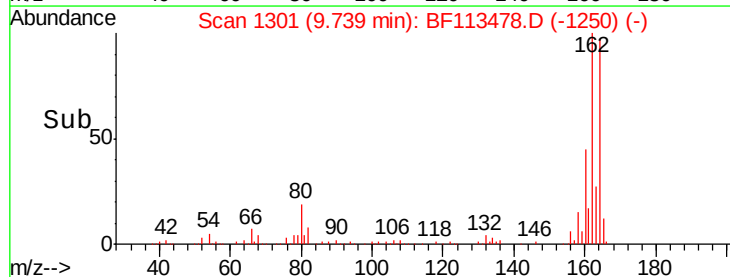
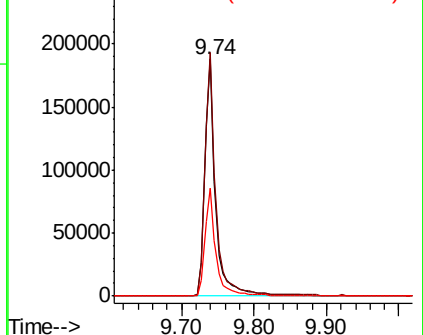


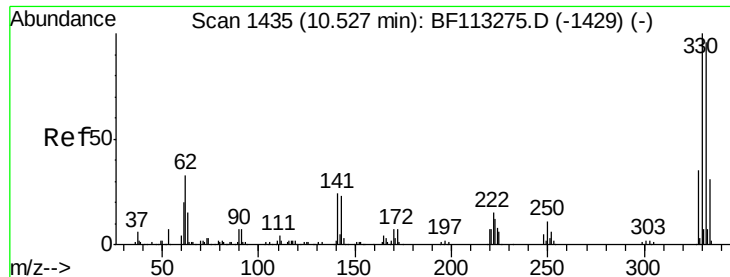
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF113478.D
 Acq: 1 Apr 2019 20:43

Tgt Ion: 164 Resp: 197843
 Ion Ratio Lower Upper
 164 100
 162 102.8 81.8 122.6
 160 45.8 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: 5.294 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF113478.D

Acq: 1 Apr 2019 20:43

Instrument :

BNA_F

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-3

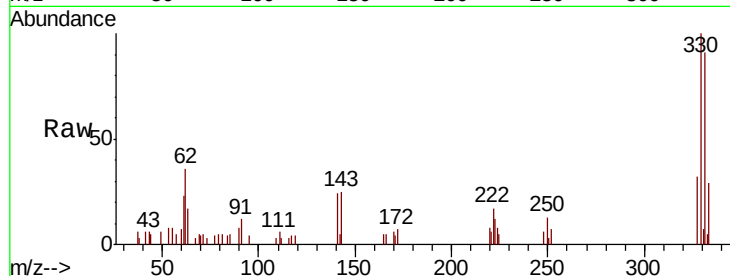
Tgt Ion:330 Resp: 12938

Ion Ratio Lower Upper

330 100

332 95.4 77.8 116.6

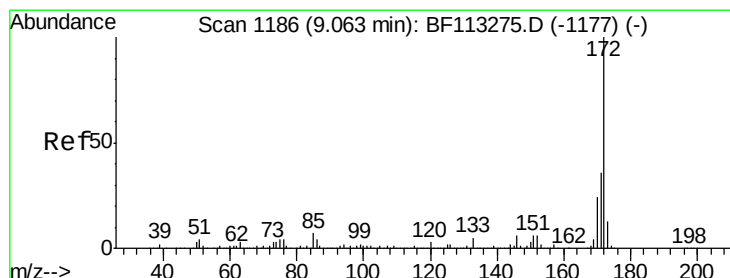
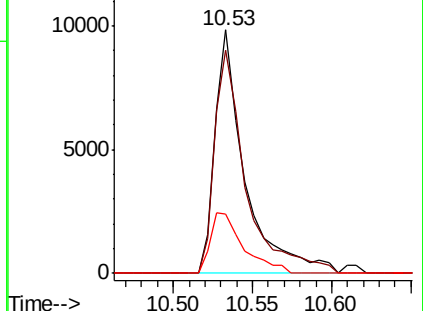
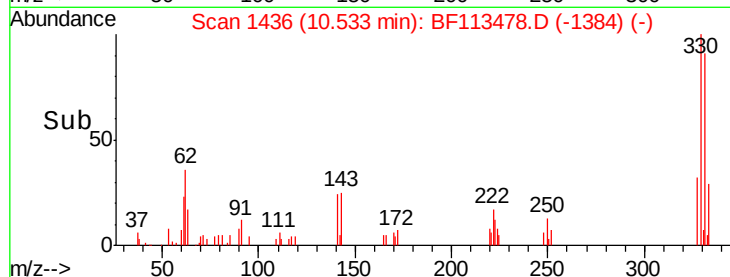
141 27.3 22.7 34.1



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: -15.595 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113478.D

Acq: 1 Apr 2019 20:43

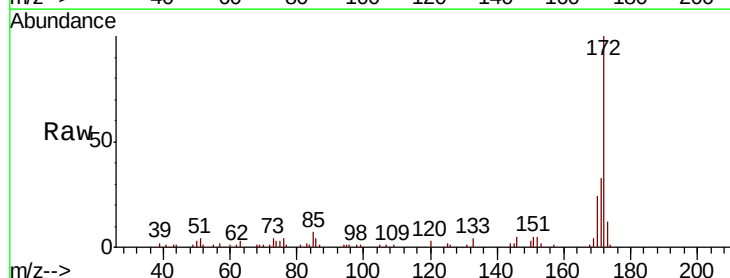
Tgt Ion:172 Resp: 66623

Ion Ratio Lower Upper

172 100

171 33.4 29.0 43.6

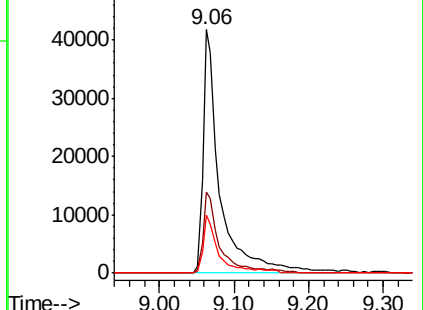
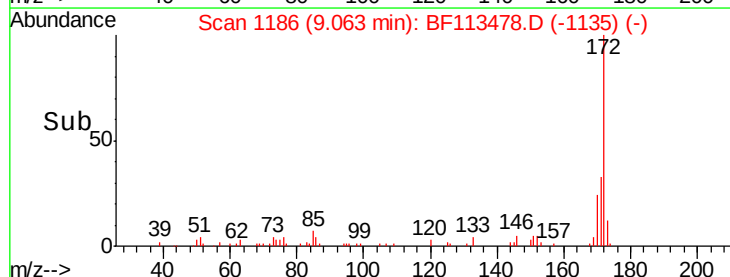
170 24.1 19.5 29.3

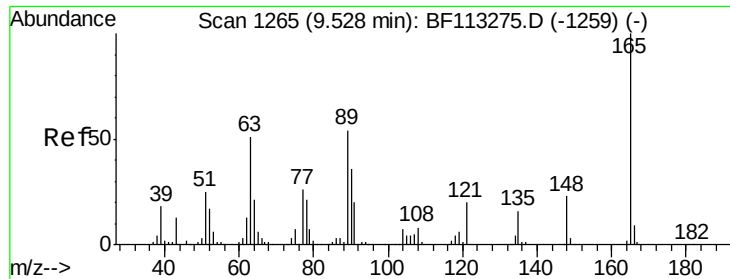


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

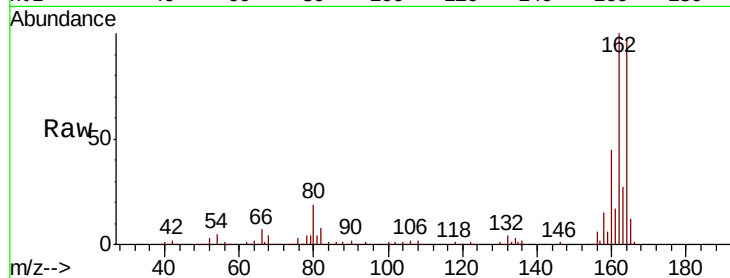




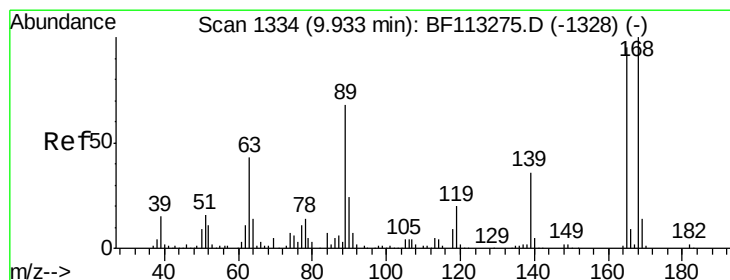
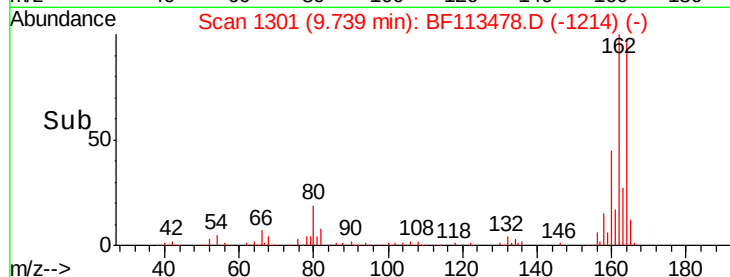
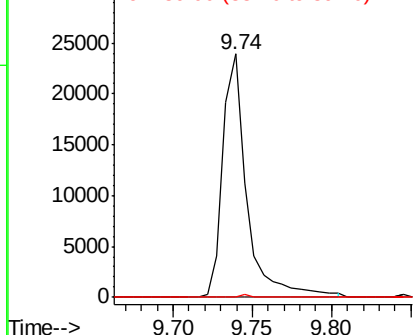
#51
 2,6-Dinitrotoluene
 Concen: 7.625 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.21 min
 Lab File: BF113478.D
 Acq: 1 Apr 2019 20:43

Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-3

Tgt Ion:165 Resp: 25221
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.0#
 89 0.0 43.1 64.7#

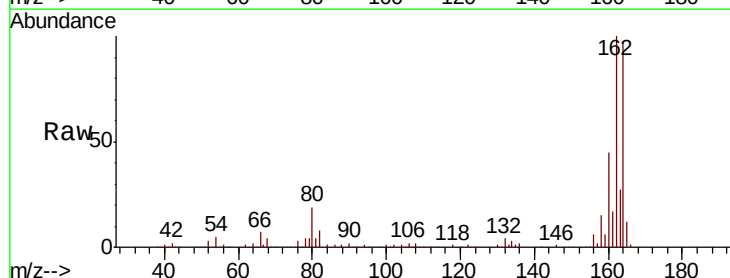


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

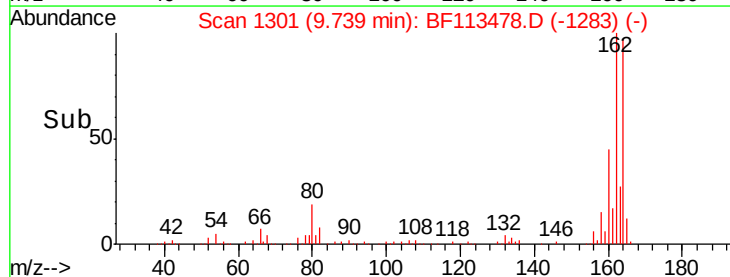
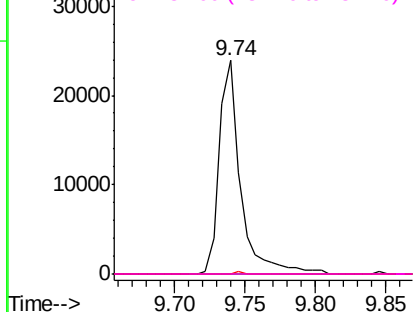


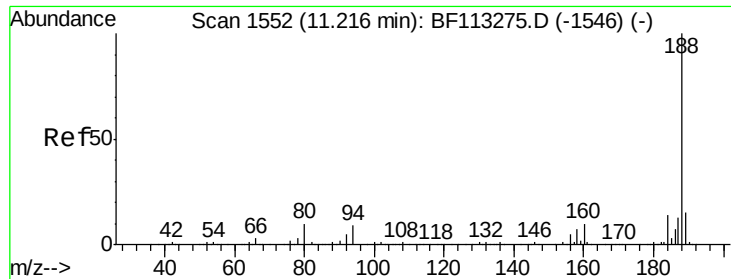
#57
 2,4-Dinitrotoluene
 Concen: 5.996 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.19 min
 Lab File: BF113478.D
 Acq: 1 Apr 2019 20:43

Tgt Ion:165 Resp: 25221
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.5 56.3#
 89 0.0 57.4 86.2#
 182 0.0 2.0 3.0#



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

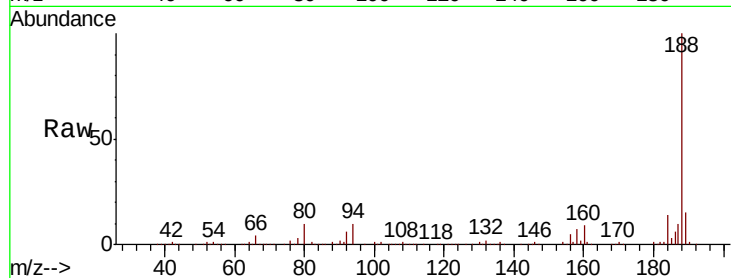




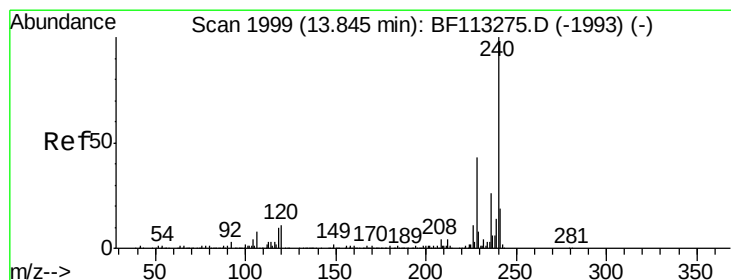
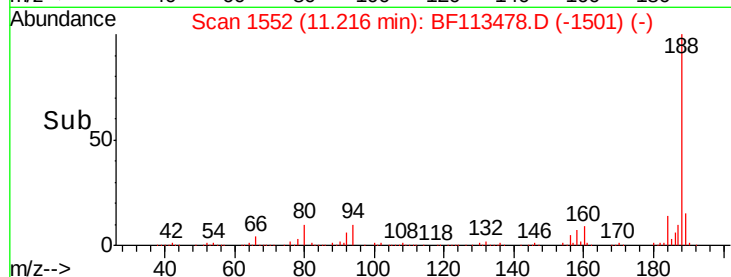
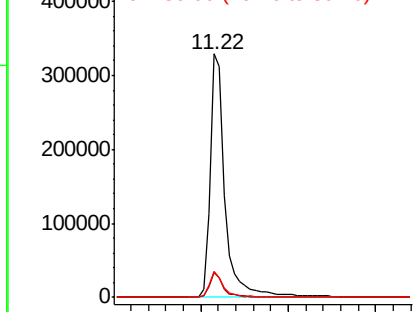
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113478.D
Acq: 1 Apr 2019 20:43

Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-3

Tgt Ion:188 Resp: 388908
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.5 7.7 11.5

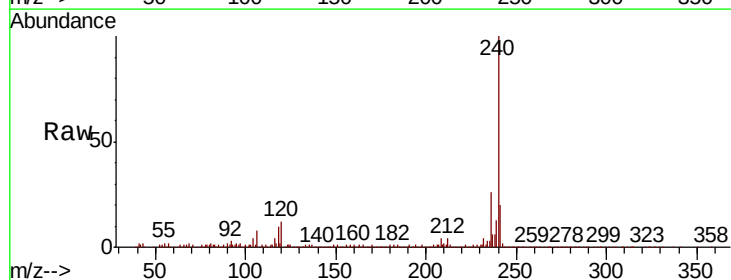


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

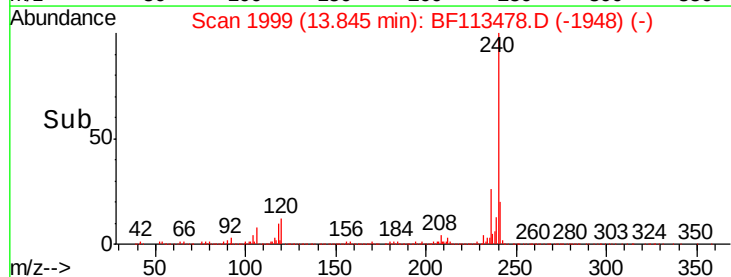
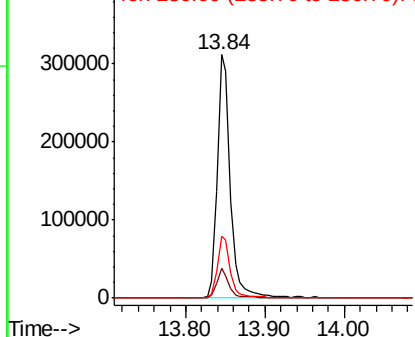


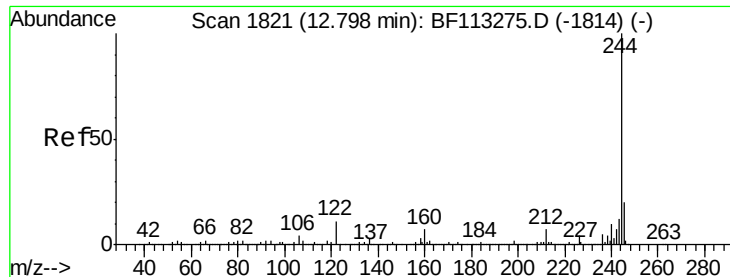
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF113478.D
Acq: 1 Apr 2019 20:43

Tgt Ion:240 Resp: 357389
Ion Ratio Lower Upper
240 100
120 12.1 8.8 13.2
236 25.7 20.9 31.3



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: 5.575 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF113478.D

Acq: 1 Apr 2019 20:43

Instrument :

BNA_F

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-3

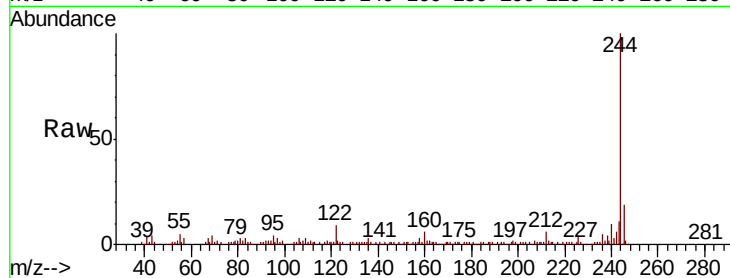
Tgt Ion:244 Resp: 90402

Ion Ratio Lower Upper

244 100

212 6.2 5.5 8.3

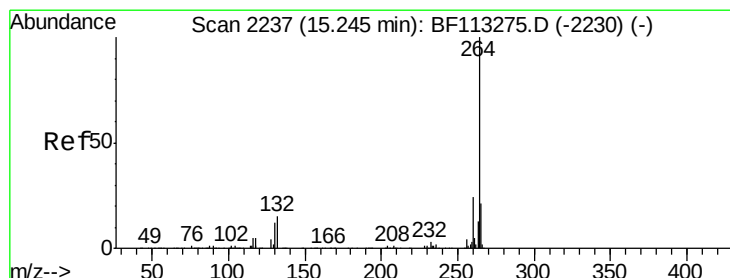
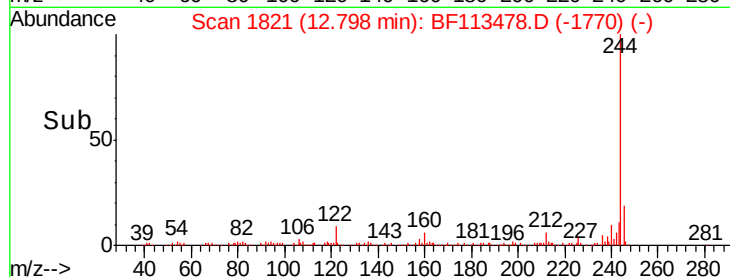
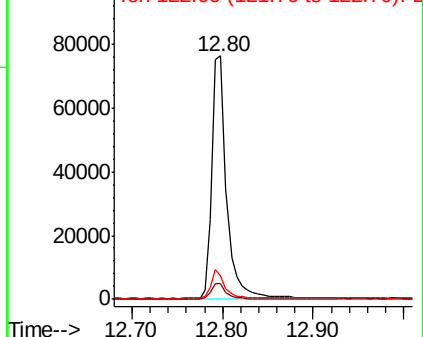
122 9.4 8.6 13.0



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: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF113478.D

Acq: 1 Apr 2019 20:43

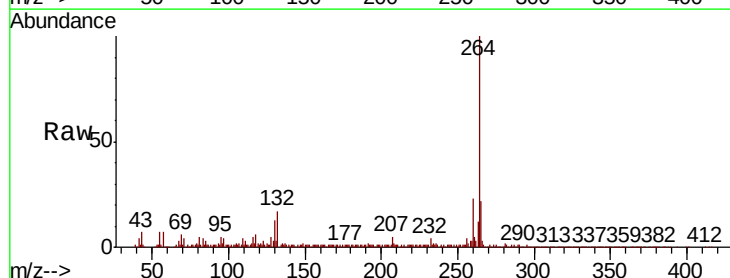
Tgt Ion:264 Resp: 217839

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 22.0 17.1 25.7



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

