

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
 Data File : BF116488.D
 Acq On : 23 Aug 2019 20:17
 Operator : HP/JU
 Sample : PB122361BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122361BL

Quant Time: Aug 24 03:35:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

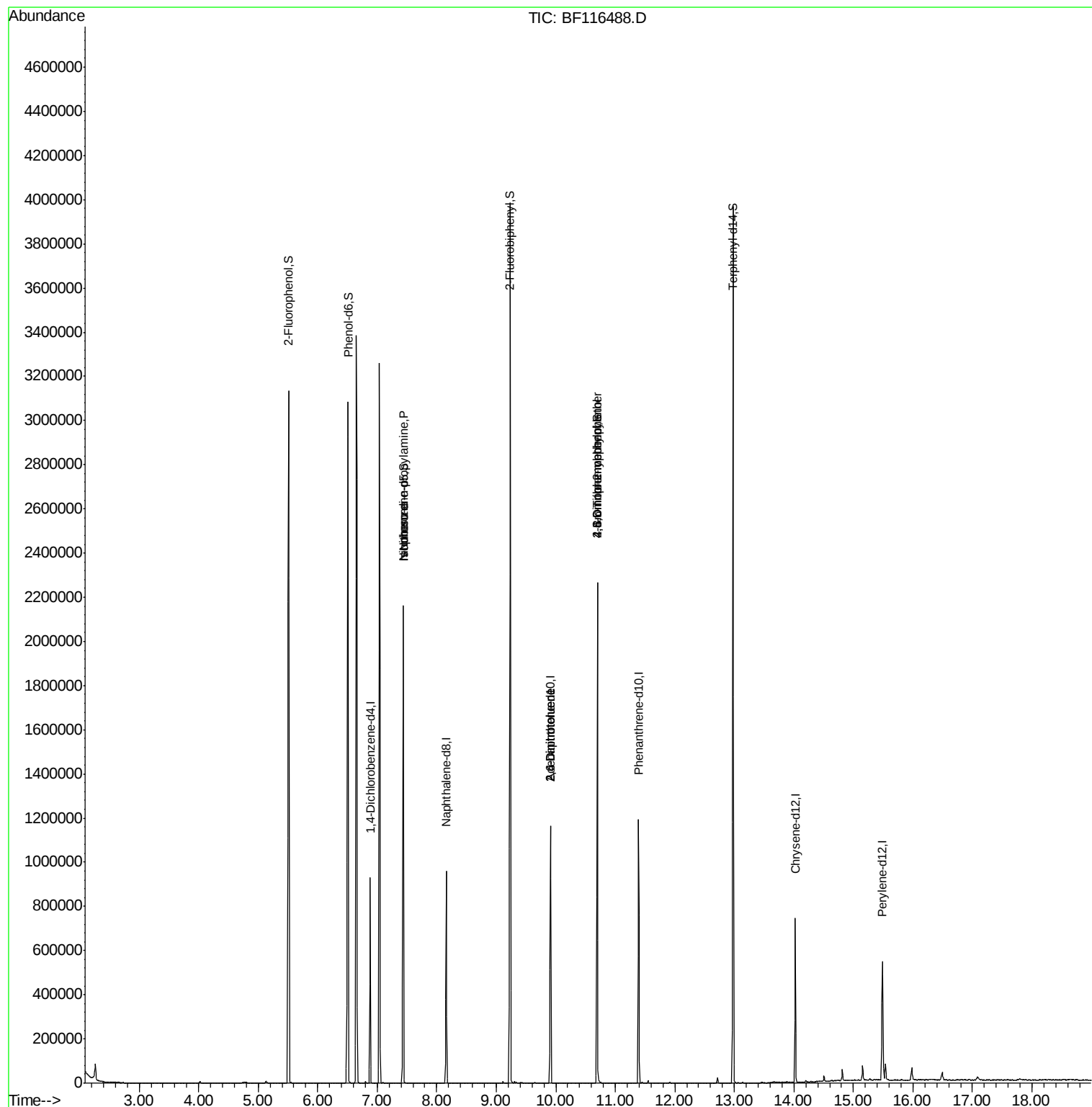
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	123703	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	469612	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	234154	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	384845	20.00	ng	0.00
76) Chrysene-d12	14.02	240	246896	20.00	ng	-0.01
87) Perylene-d12	15.49	264	244144	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	932448	110.14	ng	0.01
7) Phenol-d6	6.51	99	1221295	117.65	ng	0.00
23) Nitrobenzene-d5	7.44	82	771357	89.86	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	257853	128.25	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1377616	94.75	ng	0.00
79) Terphenyl-d14	12.98	244	1283157	97.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	104722	14.784	ng	# 75
25) Isophorone	7.44	82	770777	45.566	ng	# 67
51) 2,6-Dinitrotoluene	9.91	165	29853	8.927	ng	# 25
57) 2,4-Dinitrotoluene	9.91	165	29853	7.016	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.70	198	485	7.268	ng	# 1
67) 4-Bromophenyl-phenylether	10.70	248	16983	4.209	ng	# 1

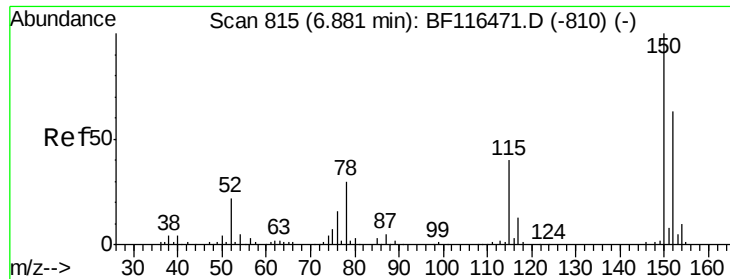
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
Data File : BF116488.D
Acq On : 23 Aug 2019 20:17
Operator : HP/JU
Sample : PB122361BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122361BL

Quant Time: Aug 24 03:35:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

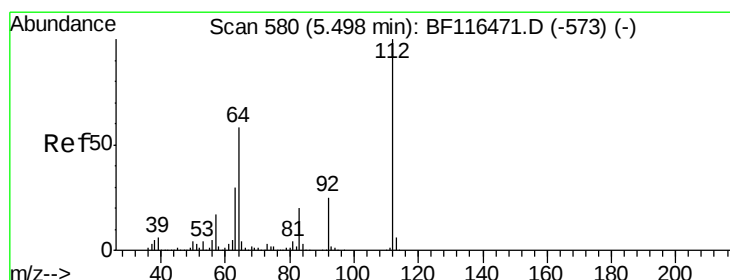
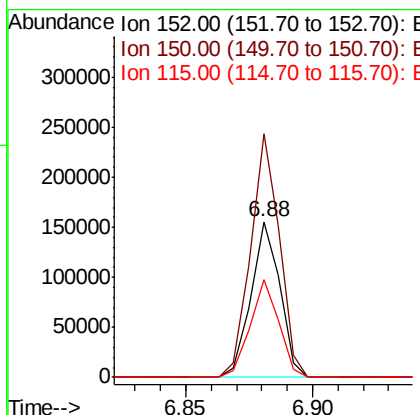
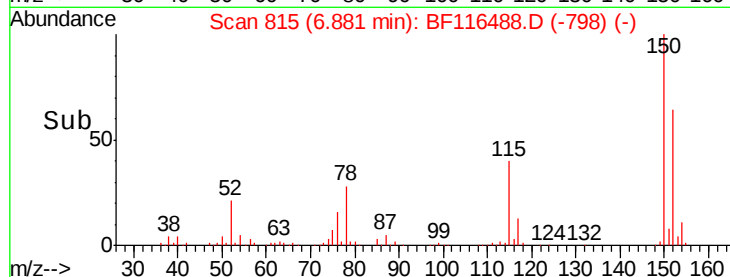
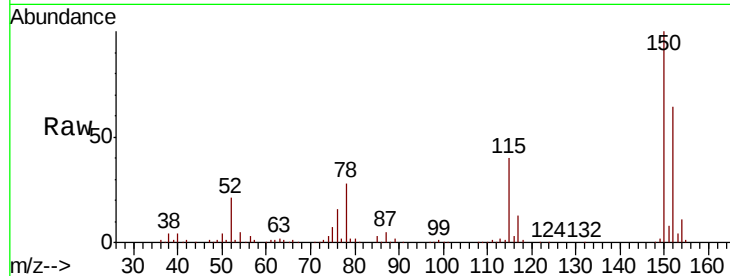




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF116488.D
 Acq: 23 Aug 2019 20:17

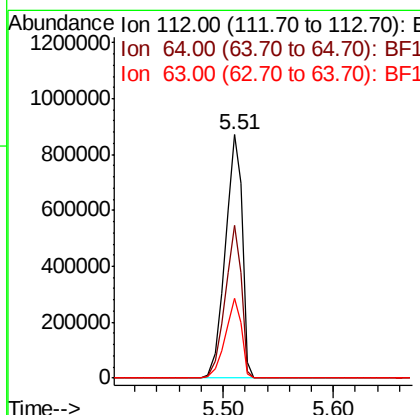
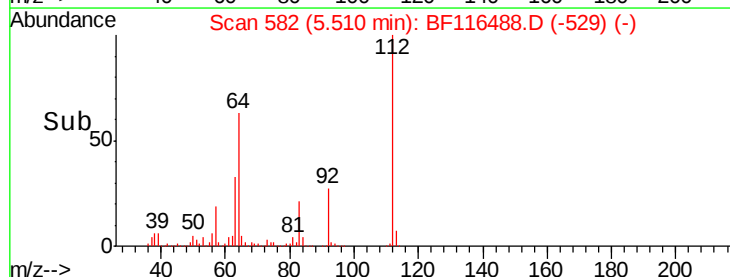
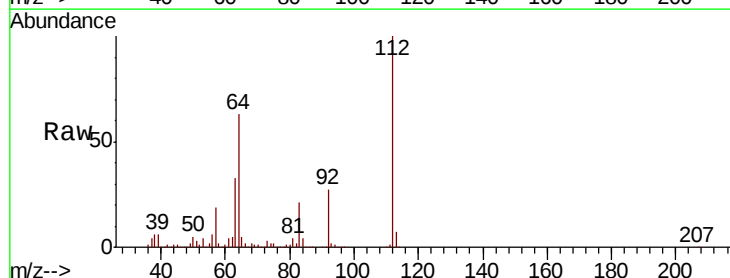
Instrument :
 BNA_F
 ClientSampleId :
 PB122361BL

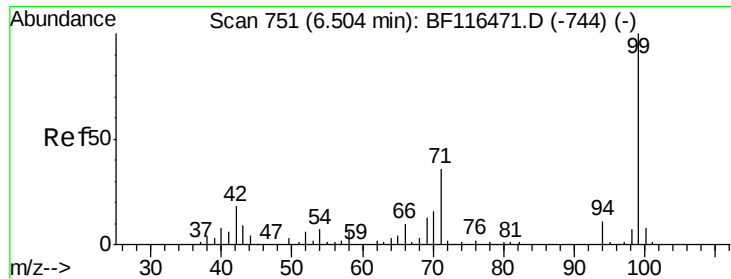
Tgt Ion:152 Resp: 123703
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.7 190.1
 115 62.6 50.9 76.3



#5
 2-Fluorophenol
 Concen: 110.138 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF116488.D
 Acq: 23 Aug 2019 20:17

Tgt Ion:112 Resp: 932448
 Ion Ratio Lower Upper
 112 100
 64 62.5 46.3 69.5
 63 32.6 24.2 36.4





#7

Phenol-d6

Concen: 117.650 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116488.D

Acq: 23 Aug 2019 20:17

Instrument :

BNA_F

ClientSampleId :

PB122361BL

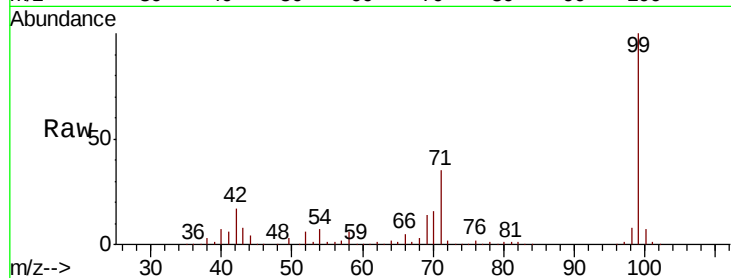
Tgt Ion: 99 Resp: 1221295

Ion Ratio Lower Upper

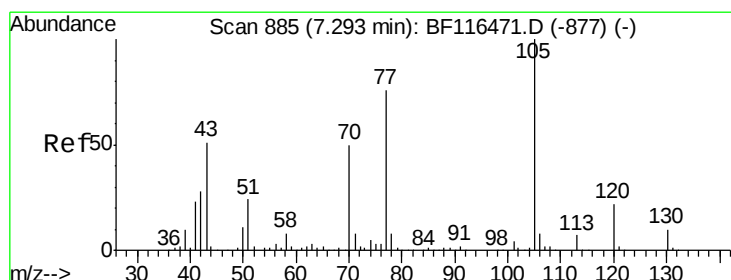
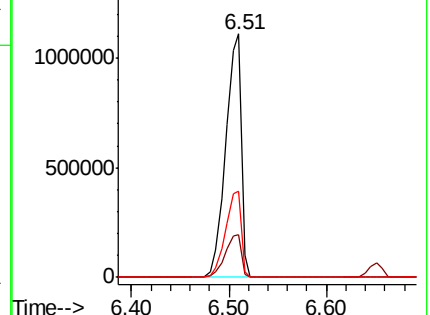
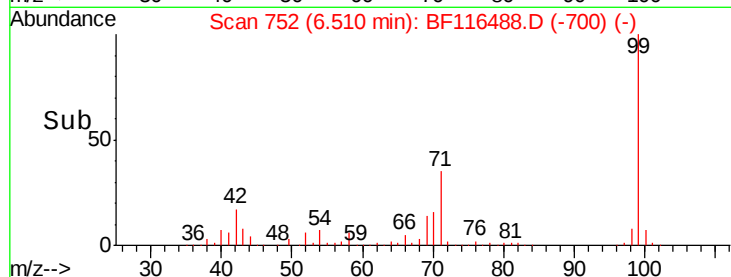
99 100

42 17.3 14.6 21.8

71 35.2 28.5 42.7



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: 14.784 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF116488.D

Acq: 23 Aug 2019 20:17

Tgt Ion: 70 Resp: 104722

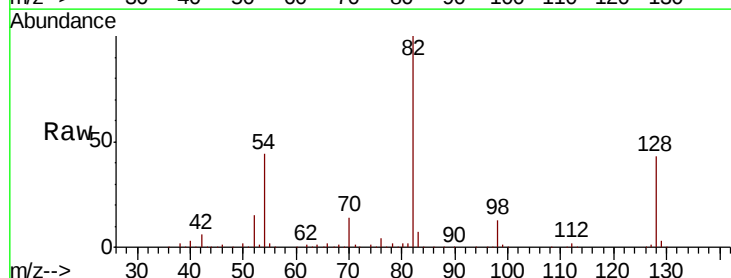
Ion Ratio Lower Upper

70 100

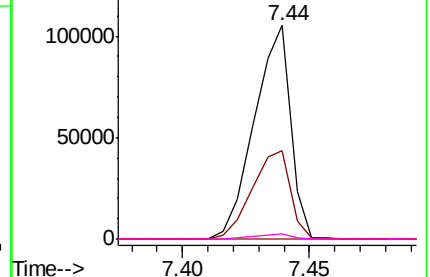
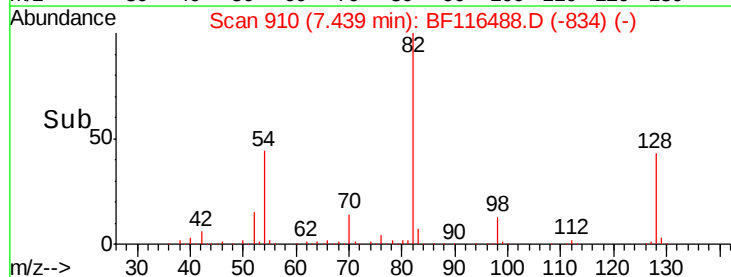
42 41.4 44.4 66.6#

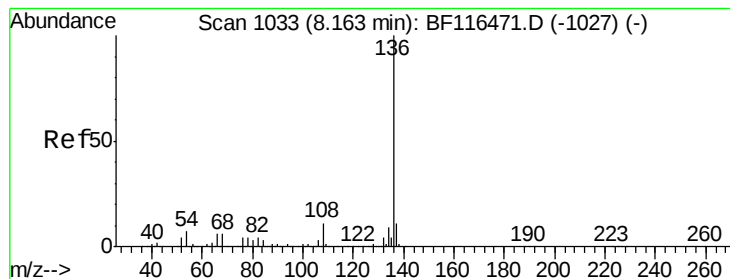
101 0.0 7.1 10.7#

130 2.1 15.8 23.8#



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: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116488.D

Acq: 23 Aug 2019 20:17

Instrument :

BNA_F

ClientSampleId :

PB122361BL

Tgt Ion: 136 Resp: 469612

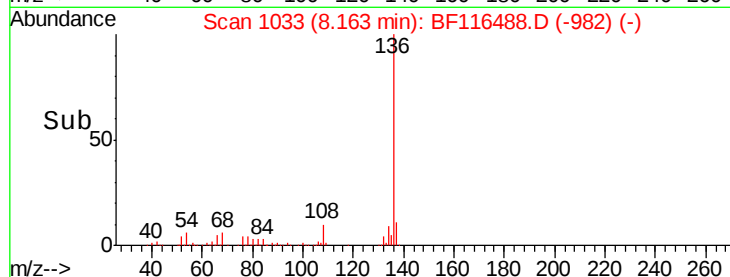
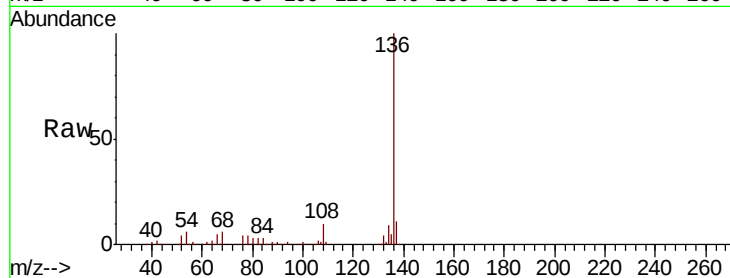
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.5 5.8 8.6

68 5.7 5.1 7.7

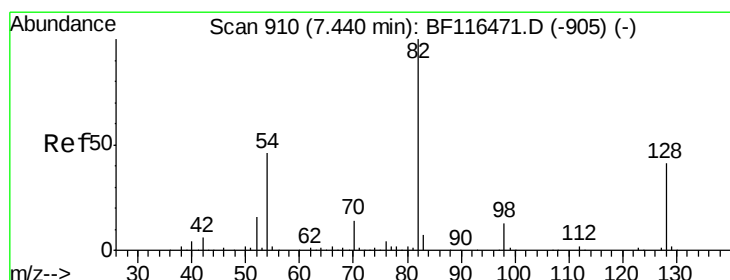
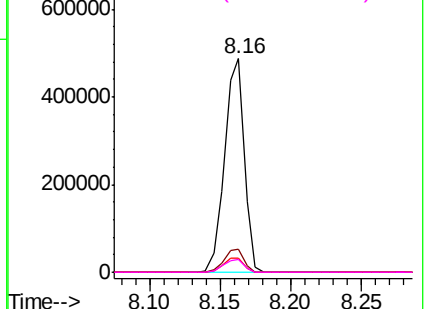


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.863 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF116488.D

Acq: 23 Aug 2019 20:17

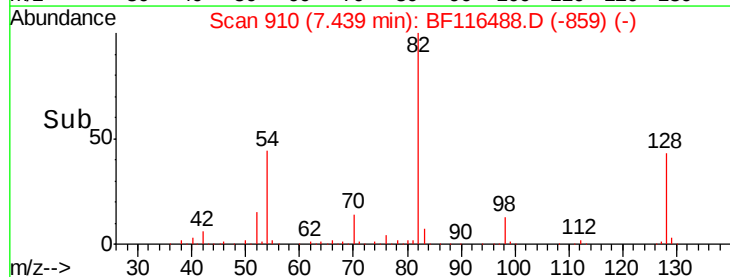
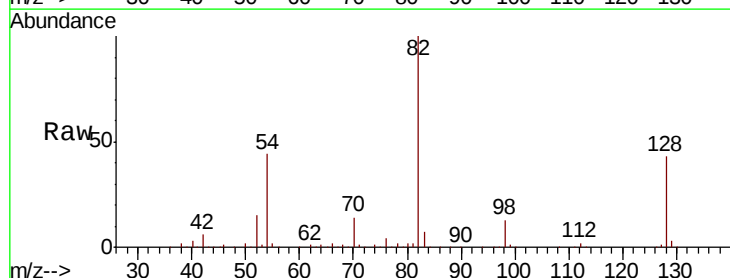
Tgt Ion: 82 Resp: 771357

Ion Ratio Lower Upper

82 100

128 42.8 32.2 48.4

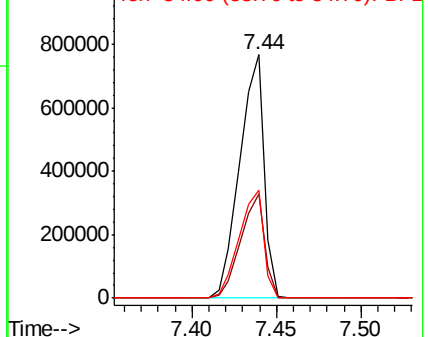
54 44.1 36.5 54.7

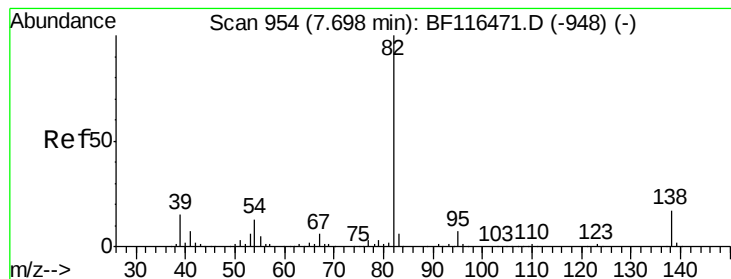


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.566 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF116488.D

Acq: 23 Aug 2019 20:17

Instrument :

BNA_F

ClientSampleId :

PB122361BL

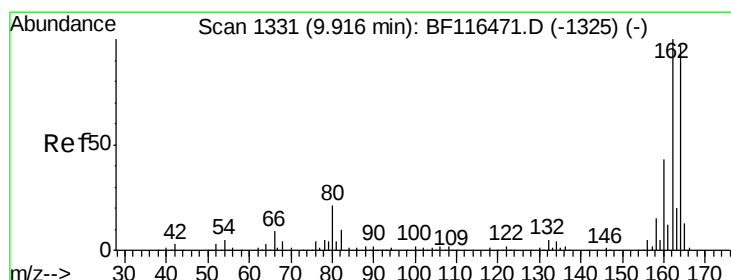
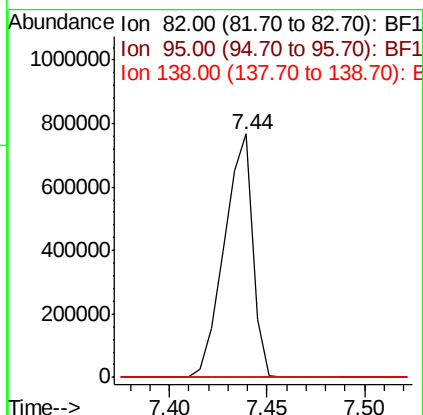
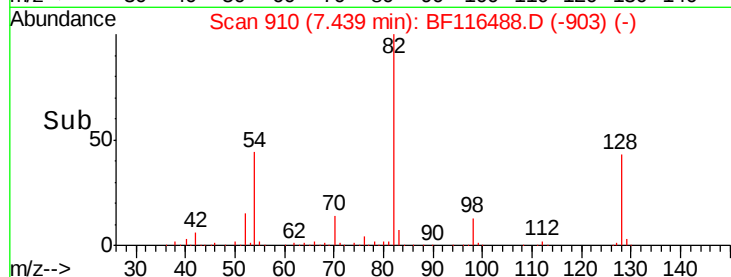
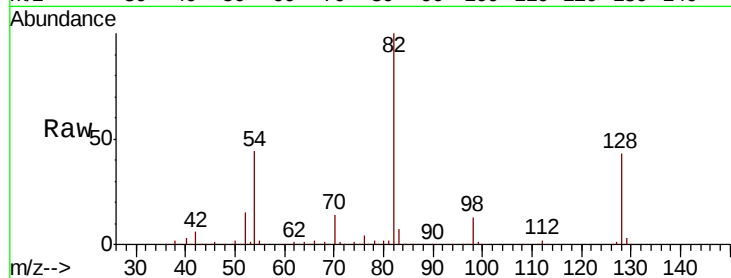
Tgt Ion: 82 Resp: 770777

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.3 19.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF116488.D

Acq: 23 Aug 2019 20:17

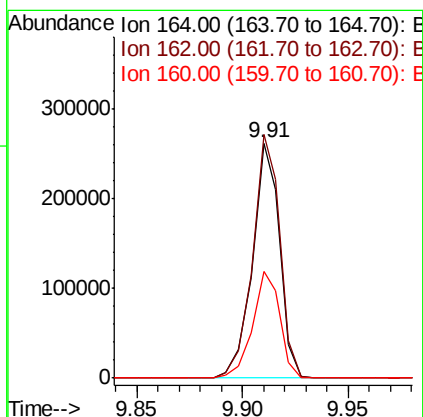
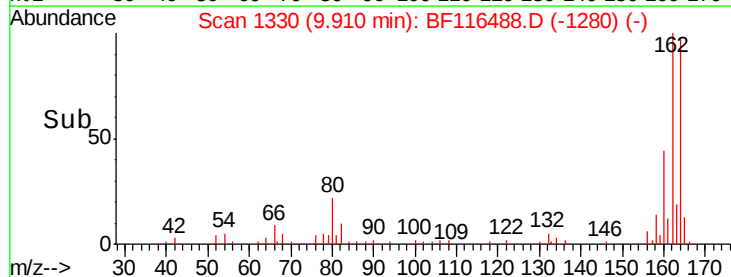
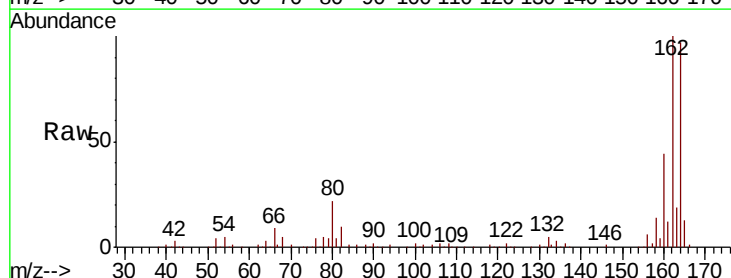
Tgt Ion: 164 Resp: 234154

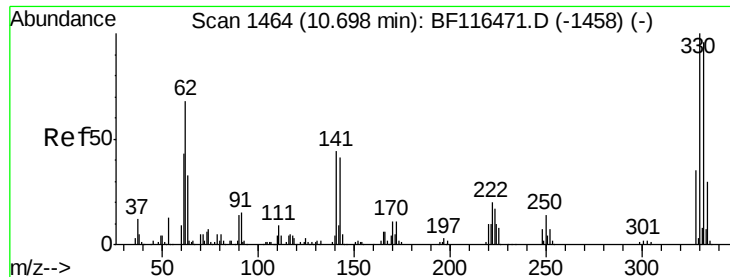
Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

160 45.6 35.8 53.8

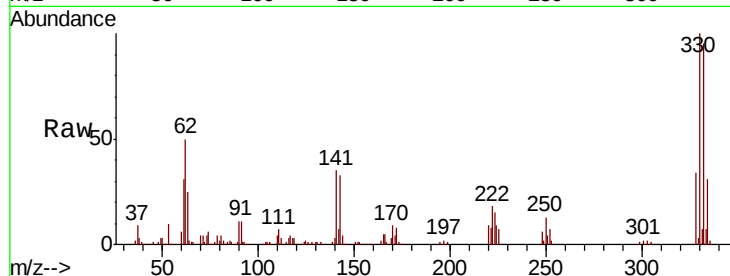




#42
 2,4,6-Tribromophenol
 Concen: 128.246 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116488.D
 Acq: 23 Aug 2019 20:17

Instrument :
 BNA_F
 ClientSampleId :
 PB122361BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.2	115.8
141	38.3	33.3	49.9

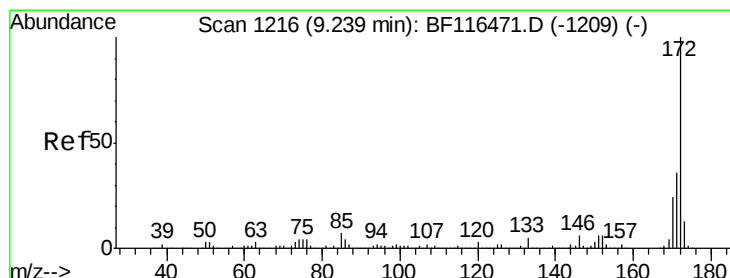
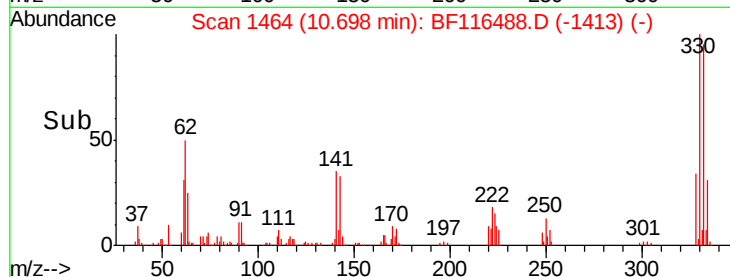
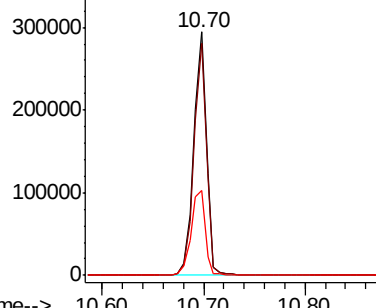


Abundance

Ion 329.80 (329.50 to 330.50): E

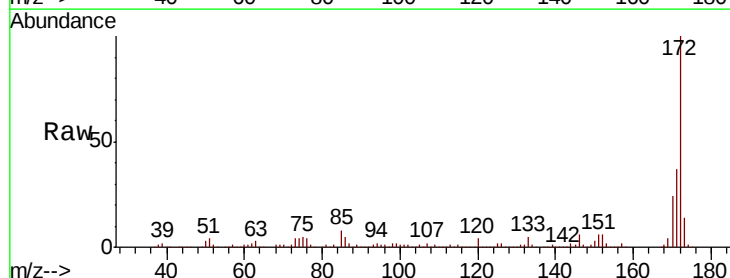
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.746 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF116488.D
 Acq: 23 Aug 2019 20:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.2	19.4	29.0

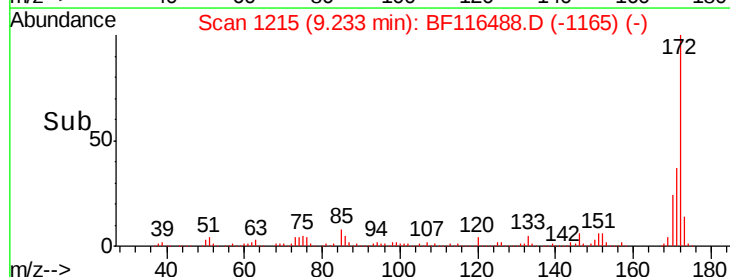
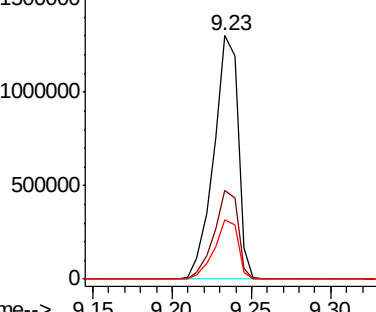


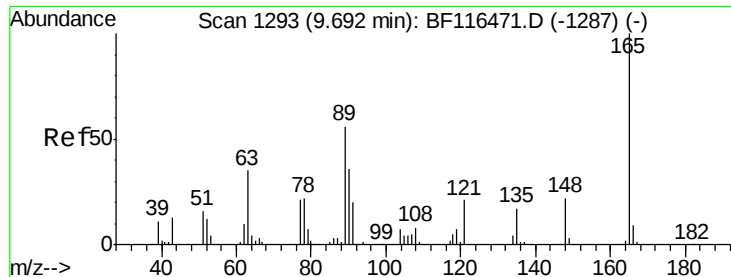
Abundance

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: 8.927 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.22 min

Lab File: BF116488.D

Acq: 23 Aug 2019 20:17

Instrument :

BNA_F

ClientSampleId :

PB122361BL

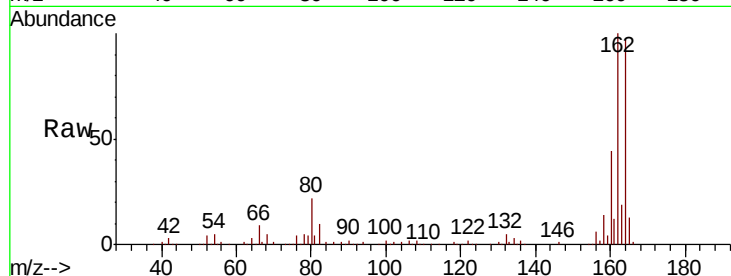
Tgt Ion:165 Resp: 29853

Ion Ratio Lower Upper

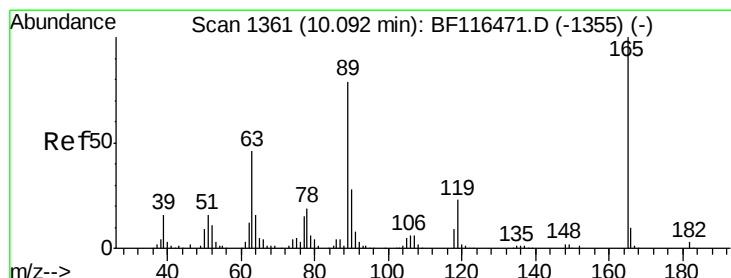
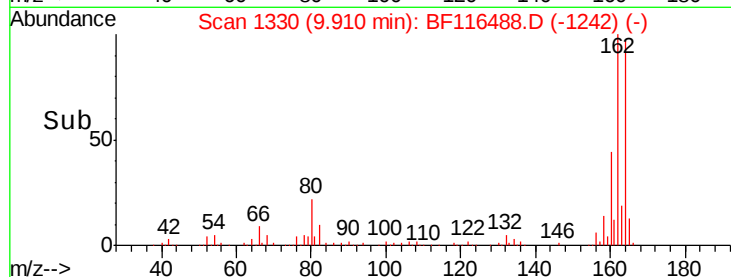
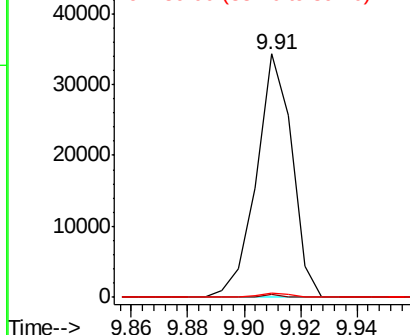
165 100

63 1.0 43.7 65.5#

89 1.7 45.1 67.7#



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: 7.016 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.18 min

Lab File: BF116488.D

Acq: 23 Aug 2019 20:17

Tgt Ion:165 Resp: 29853

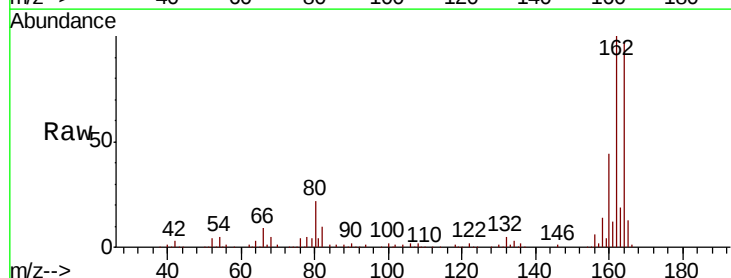
Ion Ratio Lower Upper

165 100

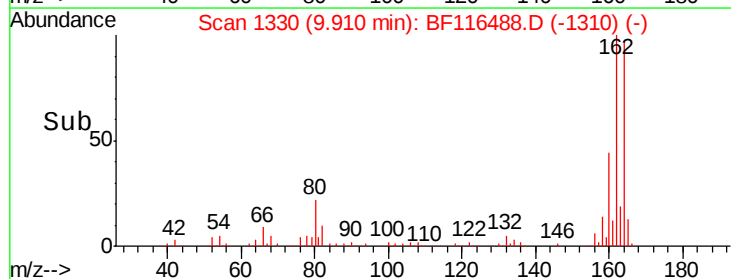
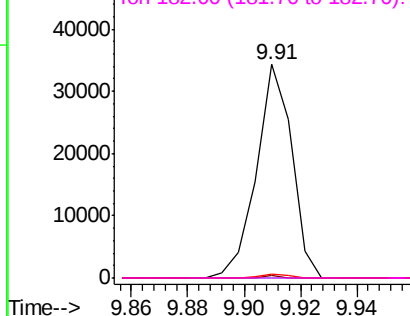
63 1.0 36.9 55.3#

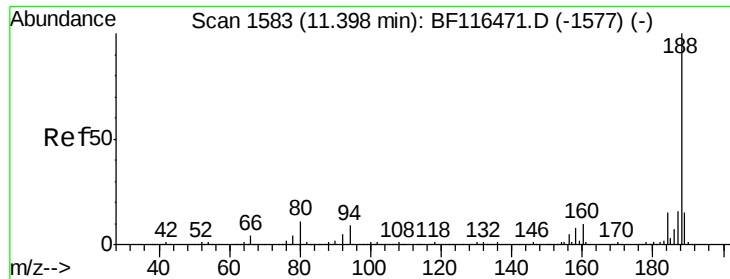
89 1.7 63.4 95.0#

182 0.0 2.1 3.1#



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

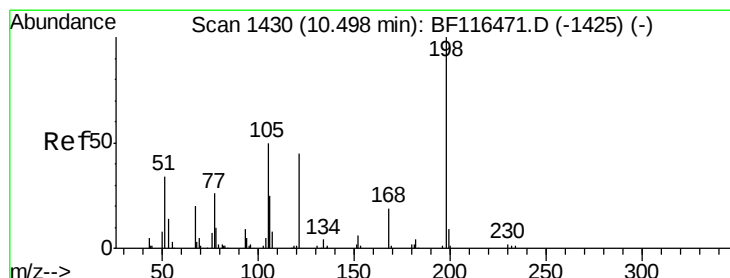
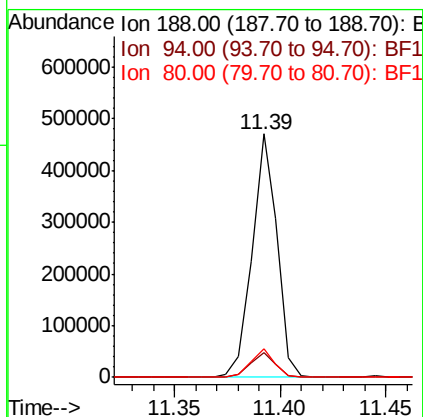
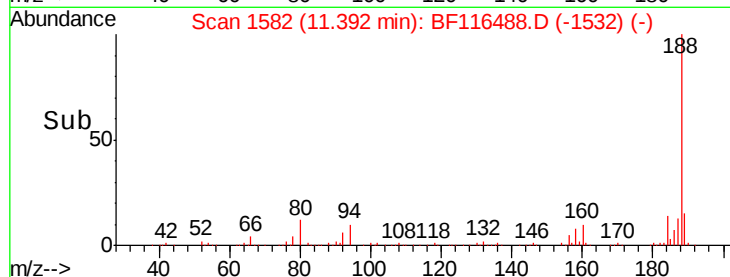
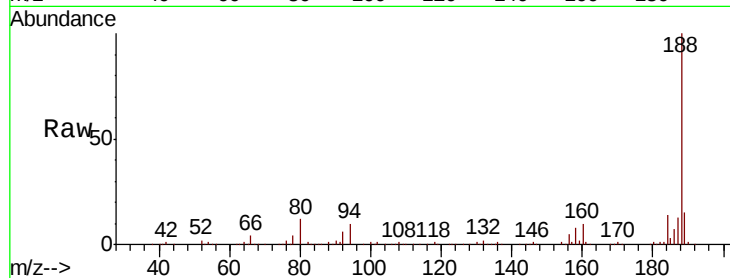




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF116488.D
 Acq: 23 Aug 2019 20:17

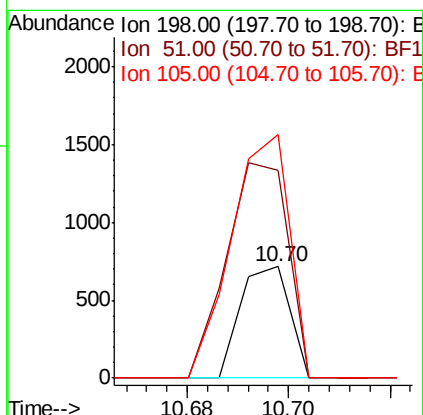
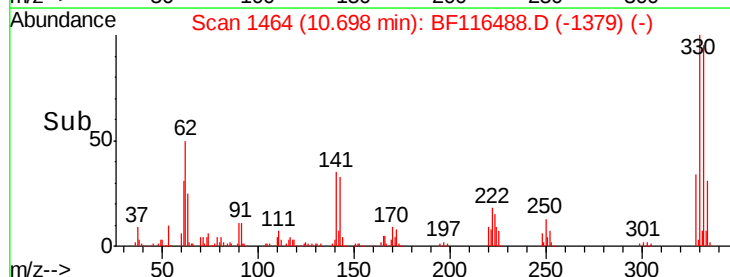
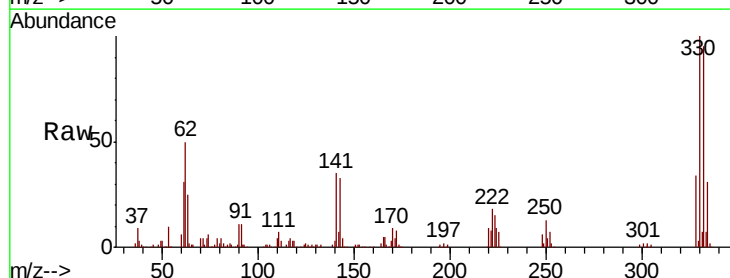
Instrument :
 BNA_F
 ClientSampleId :
 PB122361BL

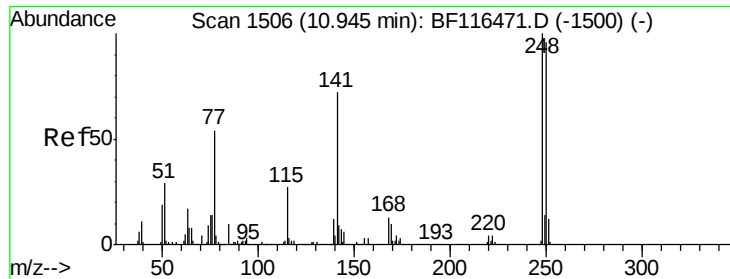
Tgt Ion:188 Resp: 384845
 Ion Ratio Lower Upper
 188 100
 94 10.3 7.4 11.2
 80 11.9 8.6 12.8



#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.268 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.20 min
 Lab File: BF116488.D
 Acq: 23 Aug 2019 20:17

Tgt Ion:198 Resp: 485
 Ion Ratio Lower Upper
 198 100
 51 185.9 30.4 70.4#
 105 218.1 32.8 72.8#

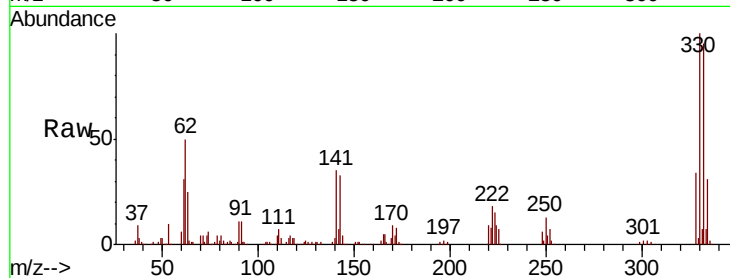




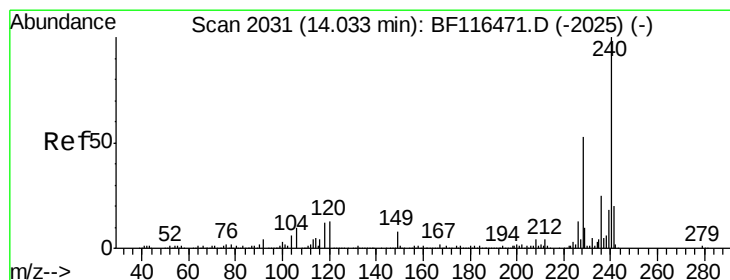
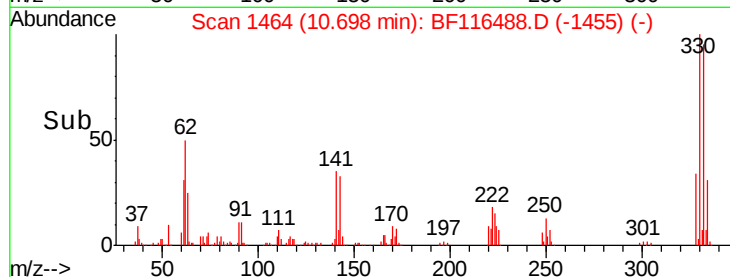
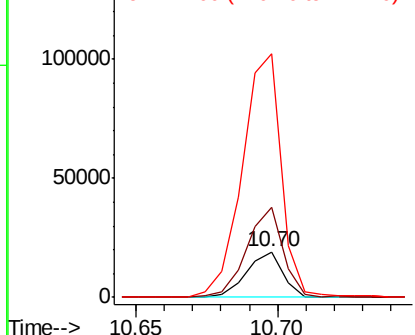
#67
4-Bromophenyl-phenylether
Concen: 4.209 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF116488.D
Acq: 23 Aug 2019 20:17

Instrument :
BNA_F
ClientSampleId :
PB122361BL

Tgt Ion:248 Resp: 16983
Ion Ratio Lower Upper
248 100
250 198.2 77.0 115.6#
141 536.2 57.4 86.0#

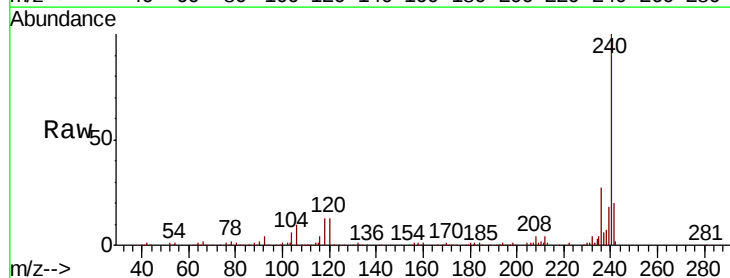


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

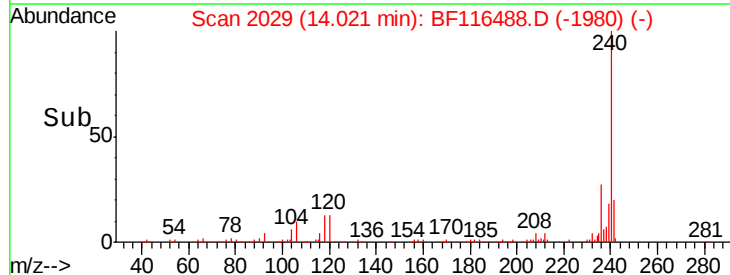
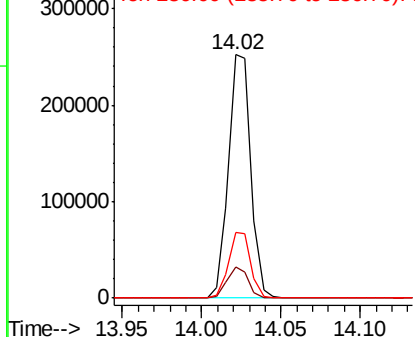


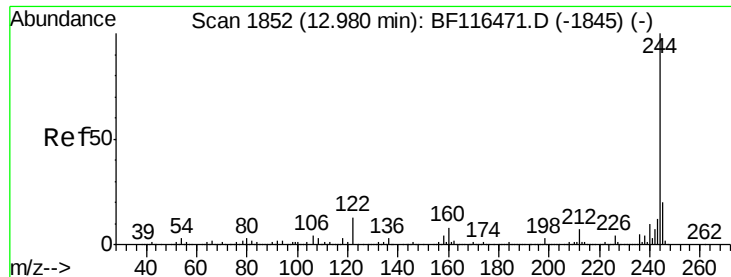
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF116488.D
Acq: 23 Aug 2019 20:17

Tgt Ion:240 Resp: 246896
Ion Ratio Lower Upper
240 100
120 13.0 10.5 15.7
236 26.8 20.2 30.2



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

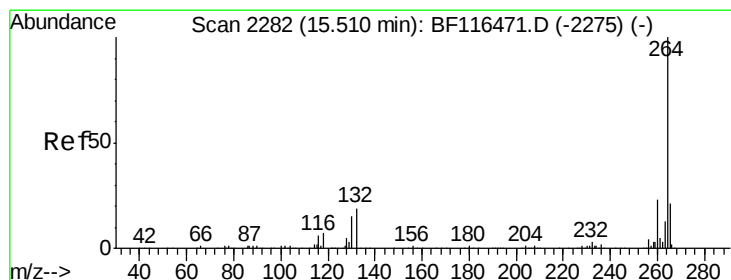
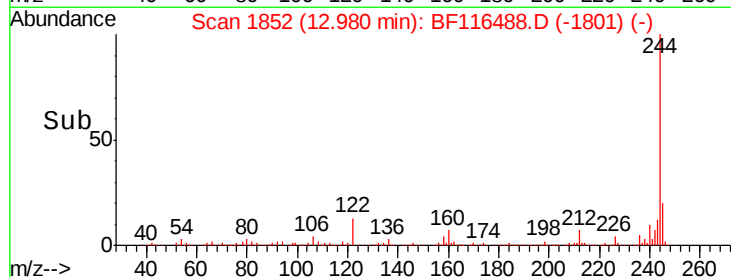
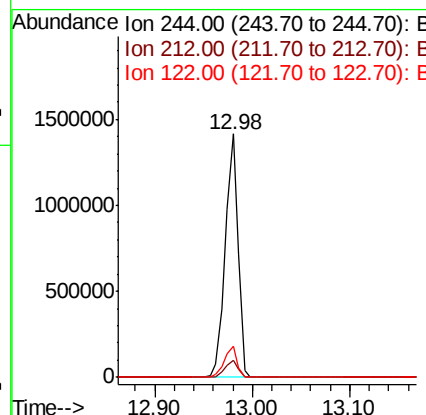
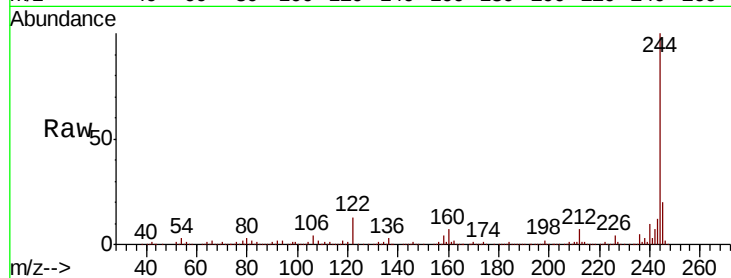




#79
 Terphenyl-d14
 Concen: 97.078 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF116488.D
 Acq: 23 Aug 2019 20:17

Instrument :
 BNA_F
 ClientSampleId :
 PB122361BL

Tgt Ion:244 Resp: 1283157
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 12.8 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BF116488.D
 Acq: 23 Aug 2019 20:17

Tgt Ion:264 Resp: 244144
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.4 17.1 25.7

