

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116506.D
 Acq On : 24 Aug 2019 7:22
 Operator : HP/JU
 Sample : K4461-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 02:04:51 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

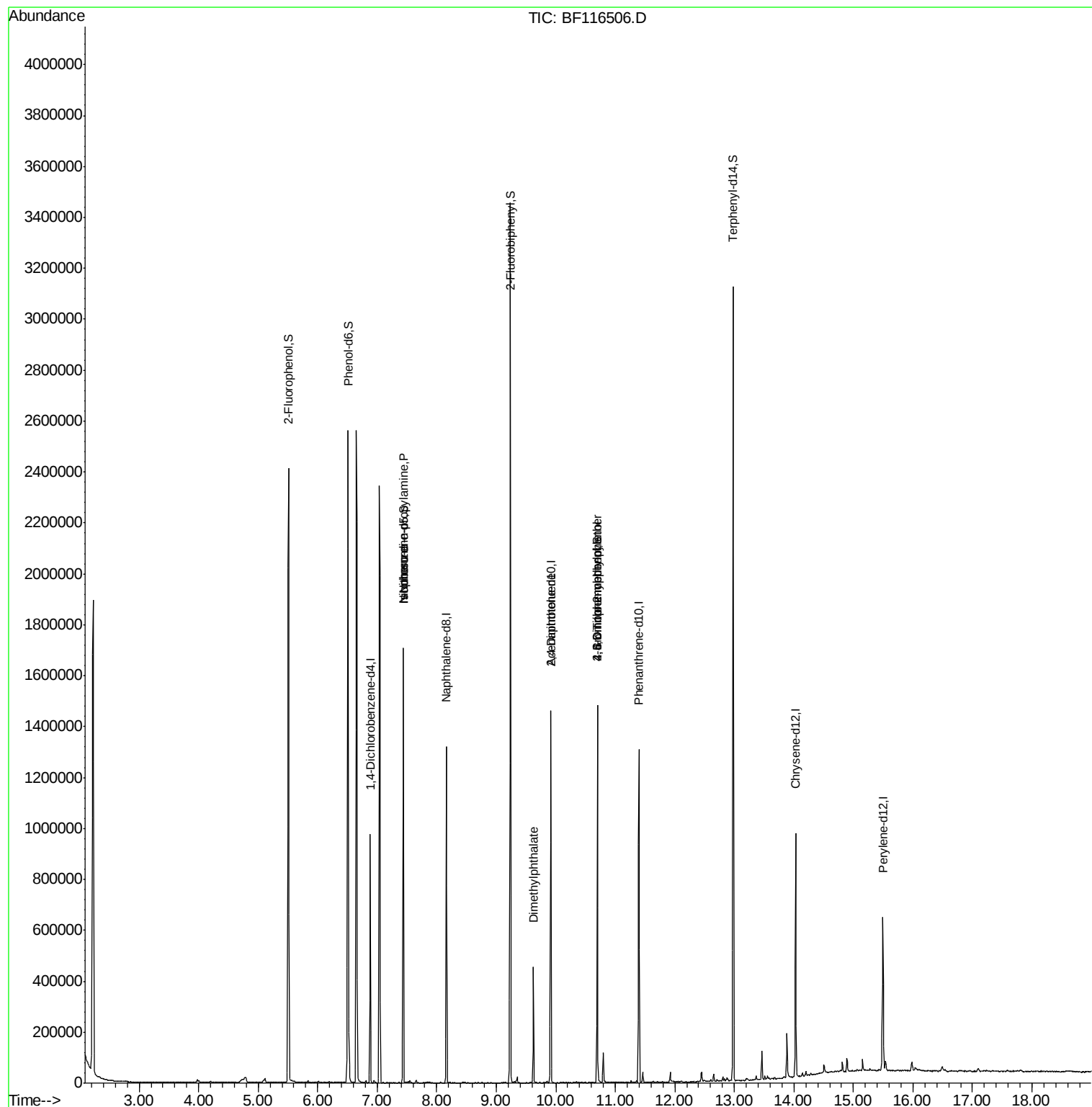
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	144679	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	544943	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	262534	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	425805	20.00	ng	0.00
76) Chrysene-d12	14.03	240	296978	20.00	ng	0.00
87) Perylene-d12	15.50	264	276319	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	669189	67.58	ng	0.01
7) Phenol-d6	6.51	99	897470	73.92	ng	0.00
23) Nitrobenzene-d5	7.44	82	542209	54.44	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	149219	66.19	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1053798	64.64	ng	0.00
79) Terphenyl-d14	12.98	244	985876	62.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	73664	8.892	ng	# 77
25) Isophorone	7.44	82	542083	27.617	ng	# 67
50) Dimethylphthalate	9.63	163	184126	10.052	ng	# 99
57) 2,4-Dinitrotoluene	9.92	165	33592	7.041	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.70	198	182	7.094	ng	# 1
67) 4-Bromophenyl-phenylether	10.70	248	9762	2.187	ng	# 1

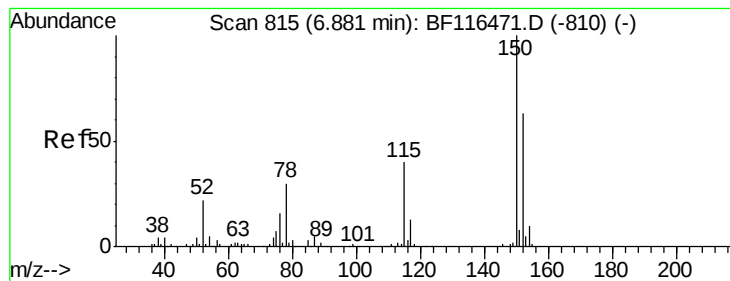
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116506.D
Acq On : 24 Aug 2019 7:22
Operator : HP/JU
Sample : K4461-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 26 02:04:51 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



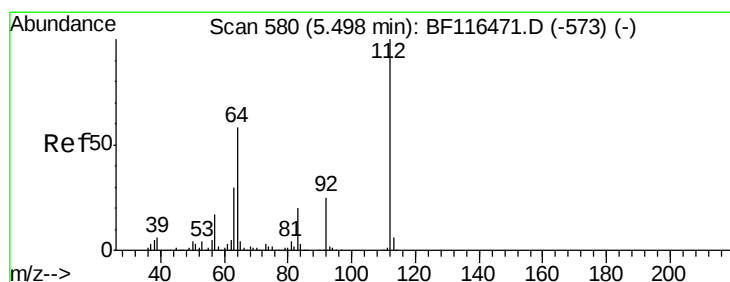
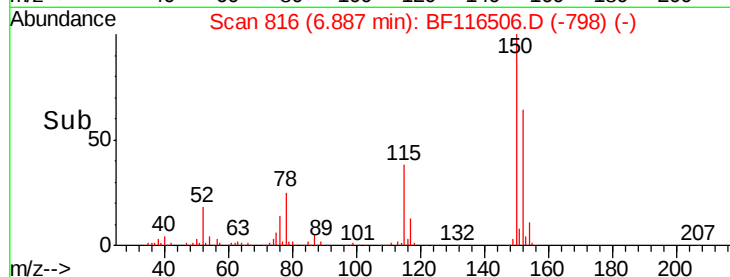
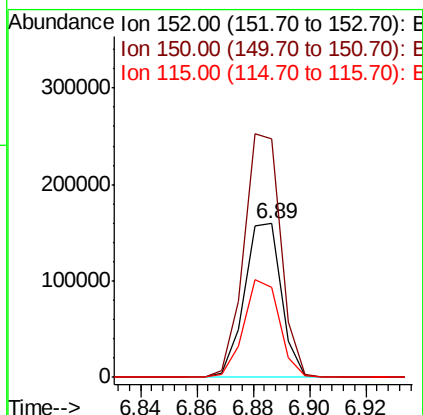
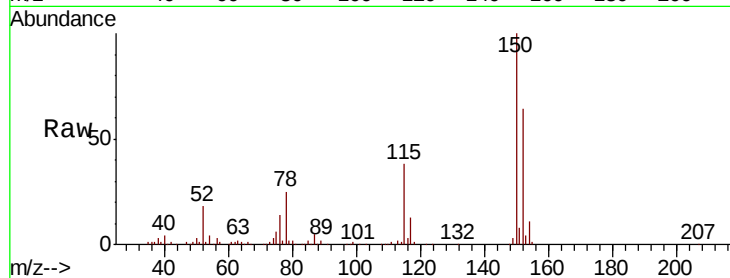


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116506.D
Acq: 24 Aug 2019 7:22

Instrument :
BNA_F
ClientSampleId :

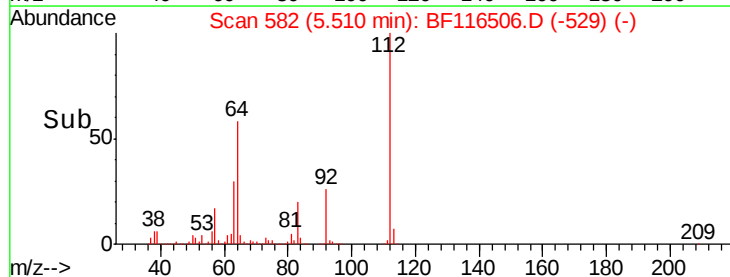
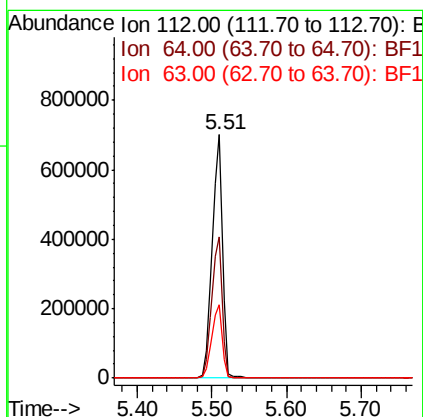
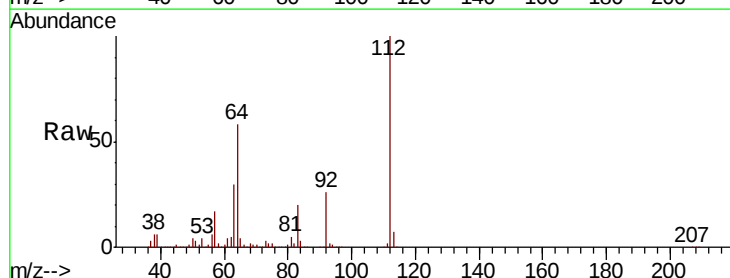
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.7	190.1
115	58.8	50.9	76.3

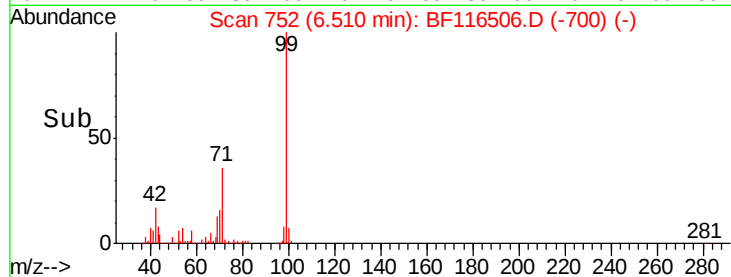
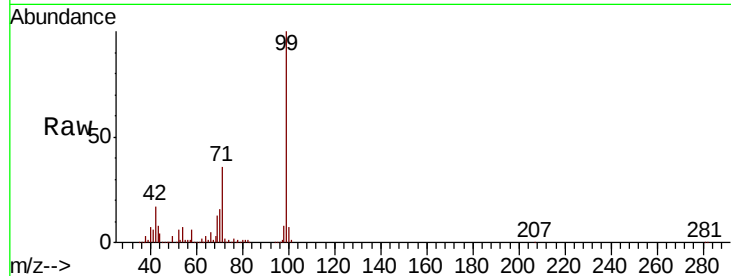
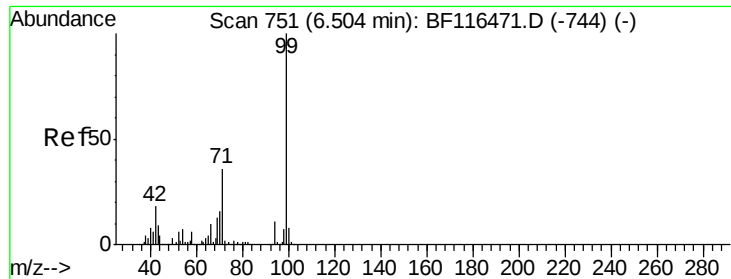


#5

2-Fluorophenol
Concen: 67.583 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116506.D
Acq: 24 Aug 2019 7:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.3	69.5
63	30.1	24.2	36.4





#7

Phenol-d6

Concen: 73.921 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116506.D

Acq: 24 Aug 2019 7:22

Instrument :

BNA_F

ClientSampleId :

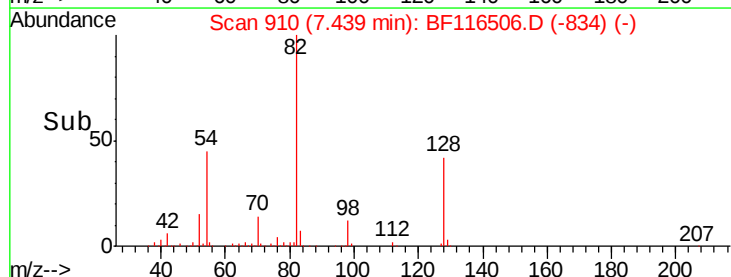
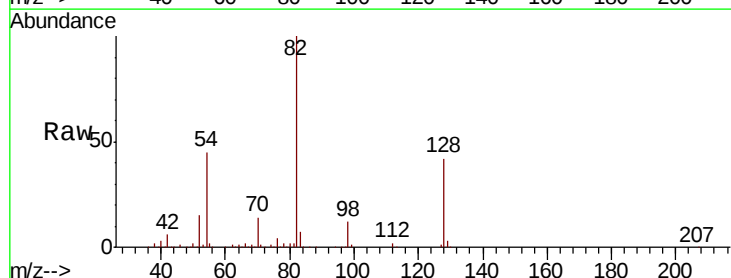
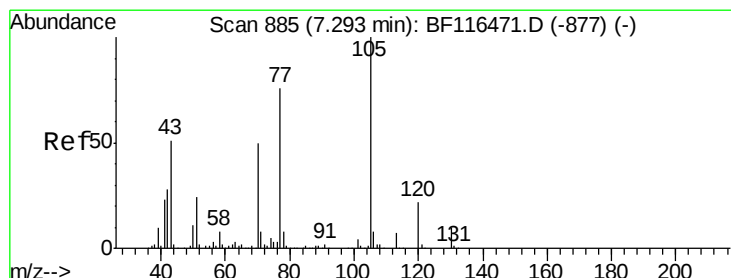
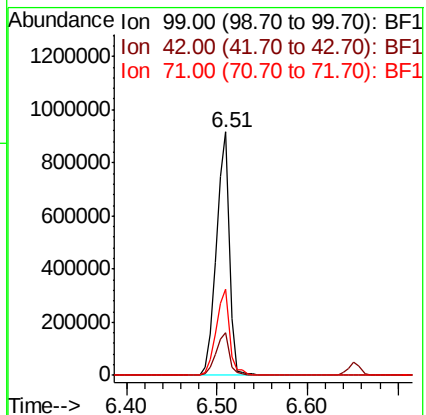
Tot Ion: 99 Resp: 897470

Ion Ratio Lower Upper

99 100

42 17.3 14.6 21.8

71 35.6 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 8.892 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF116506.D

Acq: 24 Aug 2019 7:22

Tgt Ion: 70 Resp: 73664

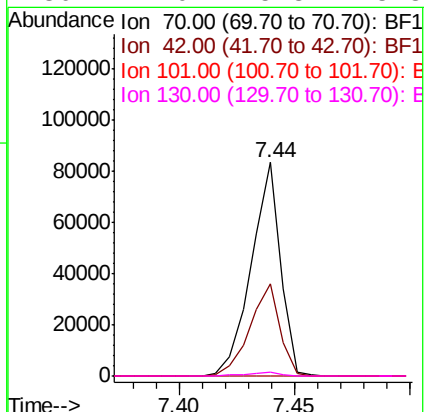
Ion Ratio Lower Upper

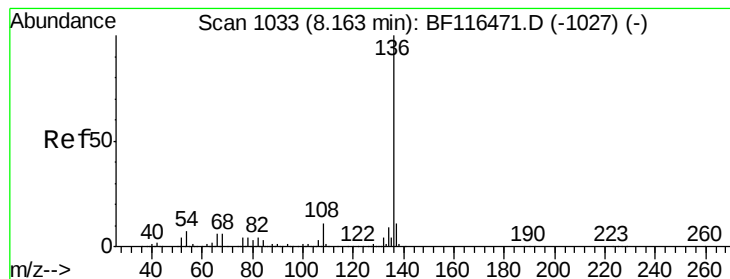
70 100

42 43.0 44.4 66.6#

101 0.0 7.1 10.7#

130 2.0 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116506.D

Acq: 24 Aug 2019 7:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 544943

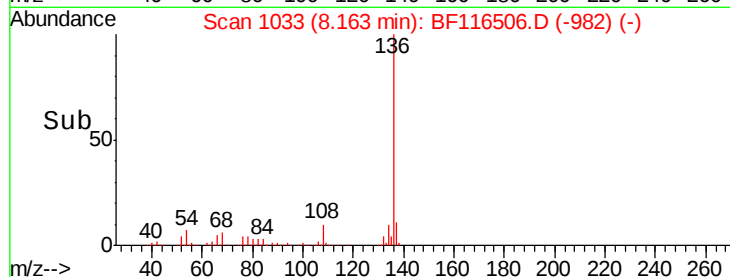
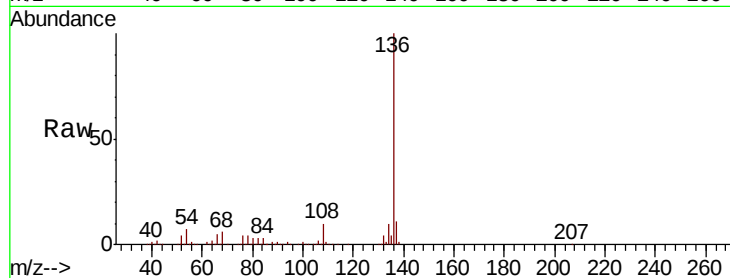
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.8 5.8 8.6

68 5.9 5.1 7.7

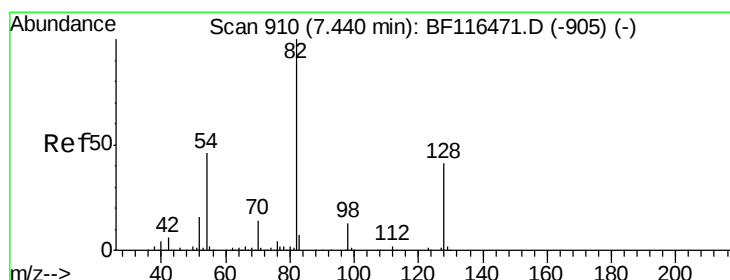
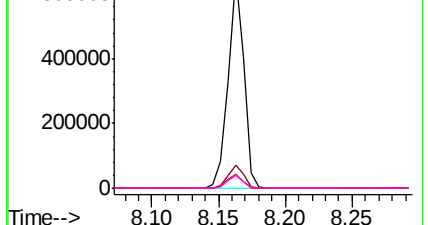


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.435 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF116506.D

Acq: 24 Aug 2019 7:22

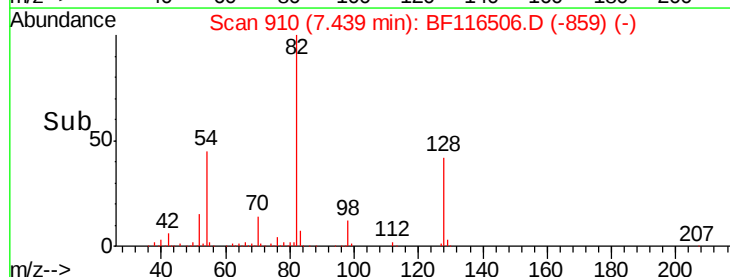
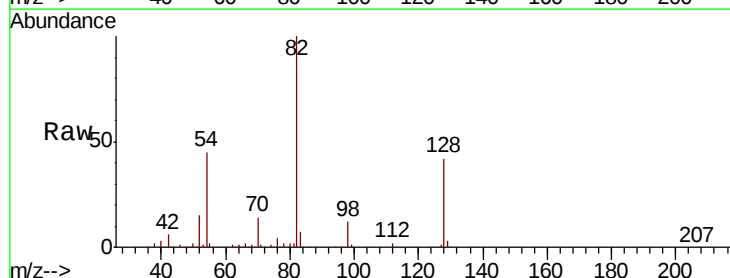
Tgt Ion: 82 Resp: 542209

Ion Ratio Lower Upper

82 100

128 42.3 32.2 48.4

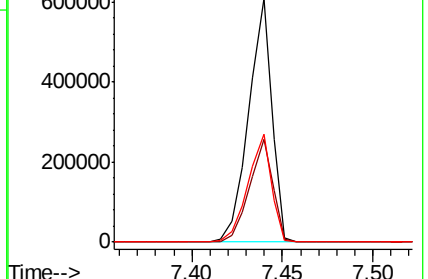
54 44.5 36.5 54.7

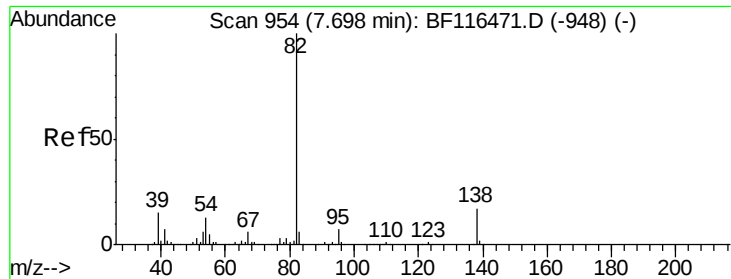


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 27.617 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF116506.D

Acq: 24 Aug 2019 7:22

Instrument :

BNA_F

ClientSampleId :

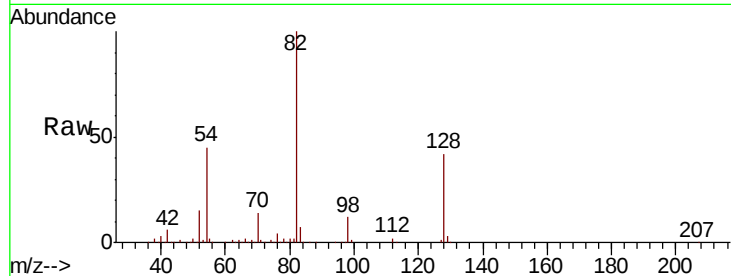
Tot Ion: 82 Resp: 542083

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

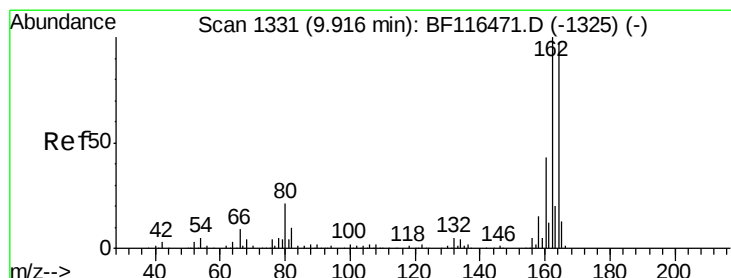
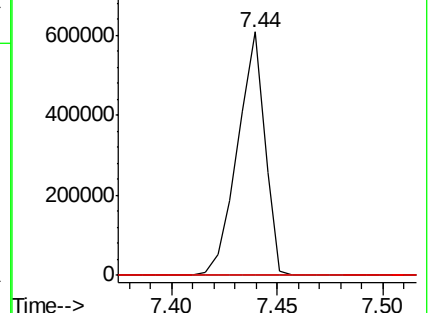
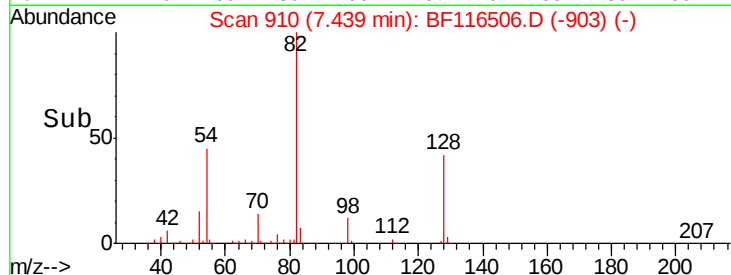
138 0.0 13.3 19.9#



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: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF116506.D

Acq: 24 Aug 2019 7:22

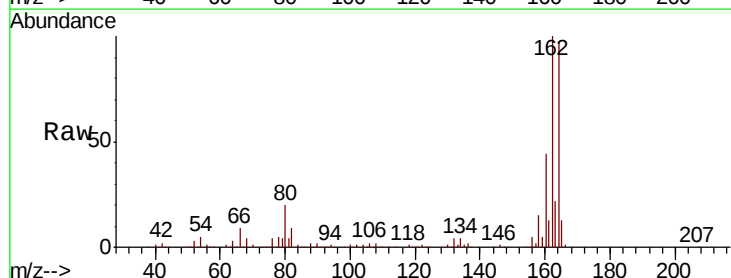
Tgt Ion:164 Resp: 262534

Ion Ratio Lower Upper

164 100

162 103.4 82.6 123.8

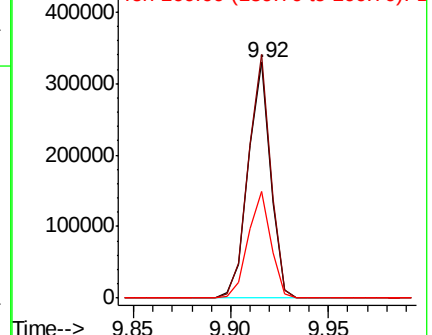
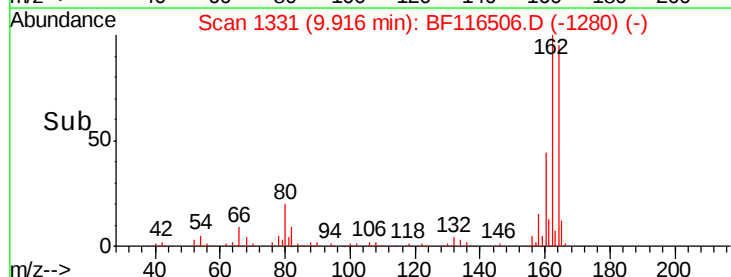
160 45.6 35.8 53.8

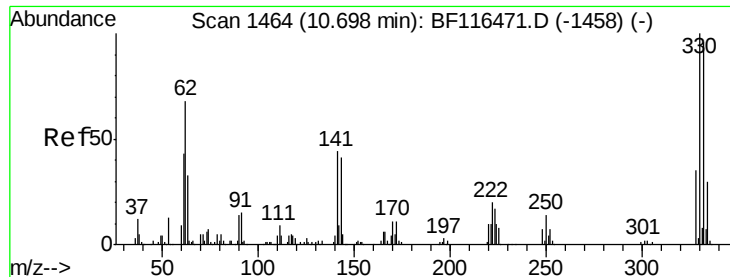


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

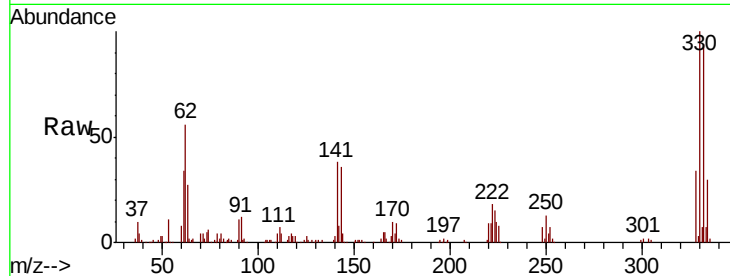




#42
 2,4,6-Tribromophenol
 Concen: 66.193 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116506.D
 Acq: 24 Aug 2019 7:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.2	115.8
141	37.9	33.3	49.9

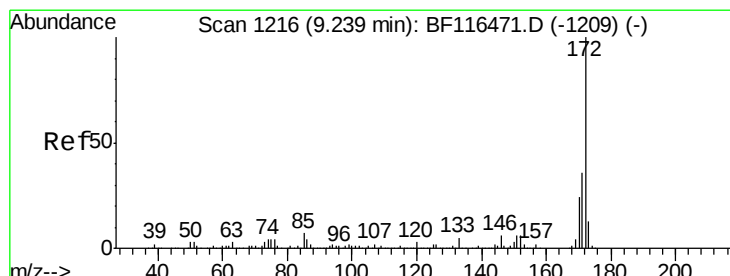
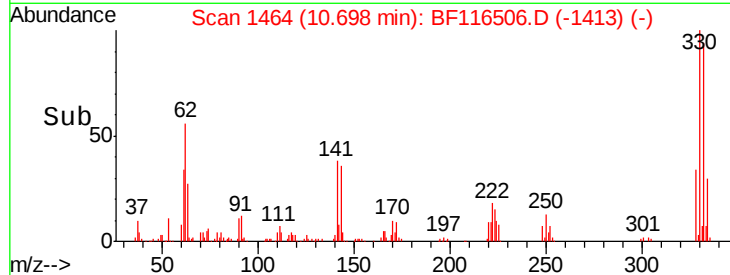
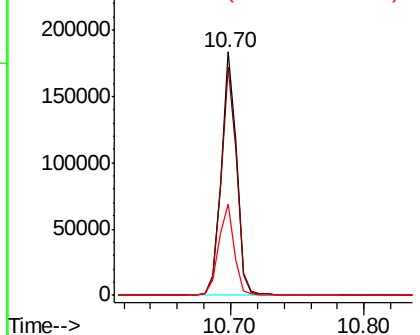


Abundance

Ion 329.80 (329.50 to 330.50): E

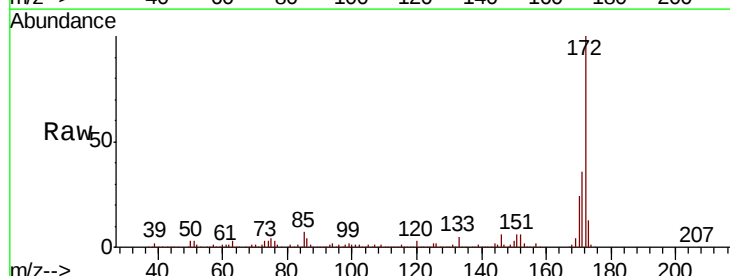
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 64.641 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF116506.D
 Acq: 24 Aug 2019 7:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.1	19.4	29.0

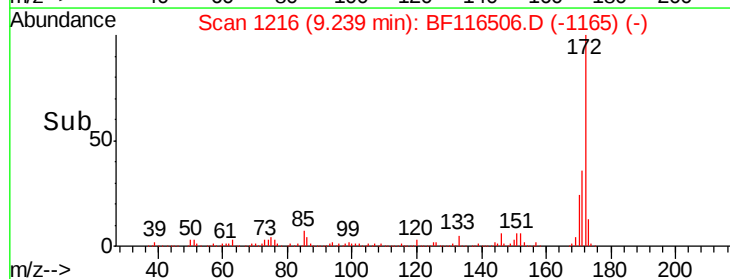
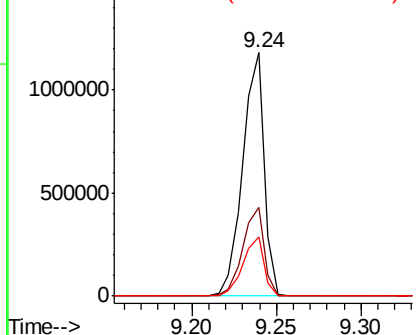


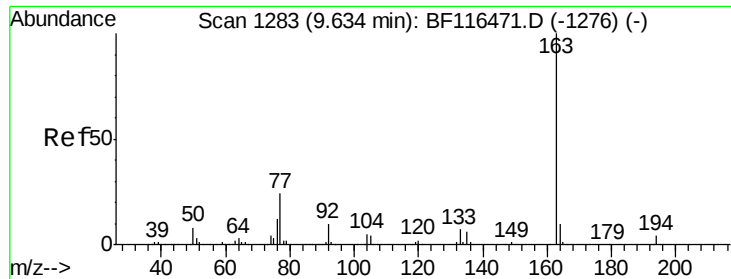
Abundance

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





#50

Dimethylphthalate

Concen: 10.052 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116506.D

Acq: 24 Aug 2019 7:22

Instrument :

BNA_F

ClientSampleId :

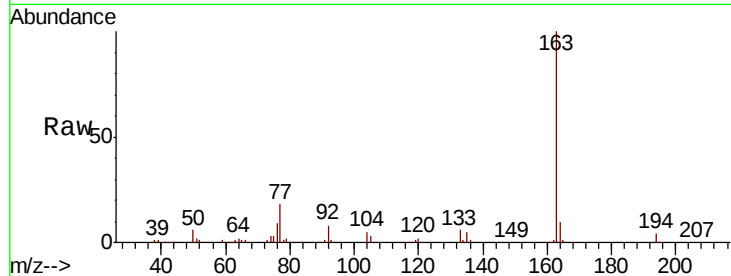
Tot Ion:163 Resp: 184126

Ion Ratio Lower Upper

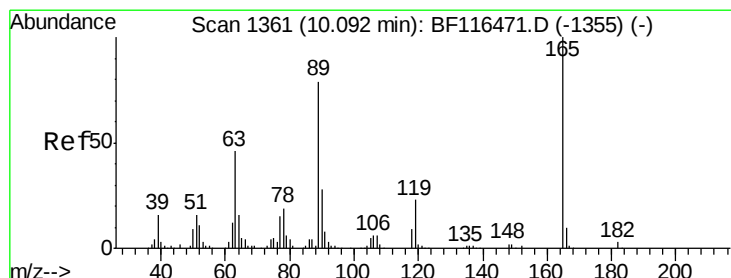
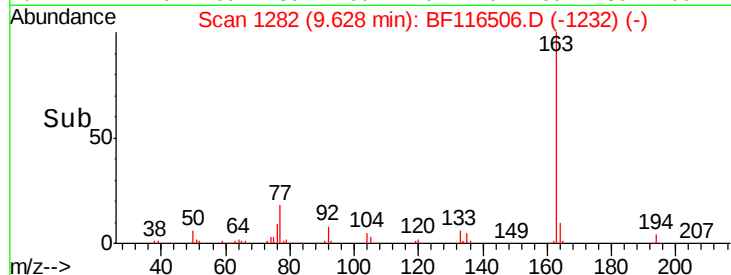
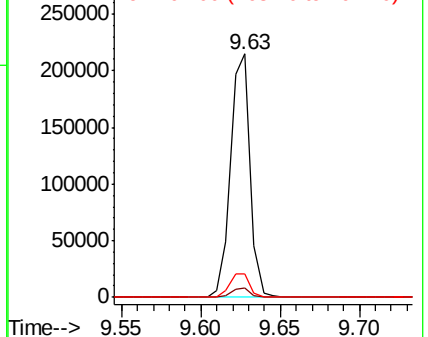
163 100

194 3.8 2.9 4.3

164 9.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 7.041 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.18 min

Lab File: BF116506.D

Acq: 24 Aug 2019 7:22

Tgt Ion:165 Resp: 33592

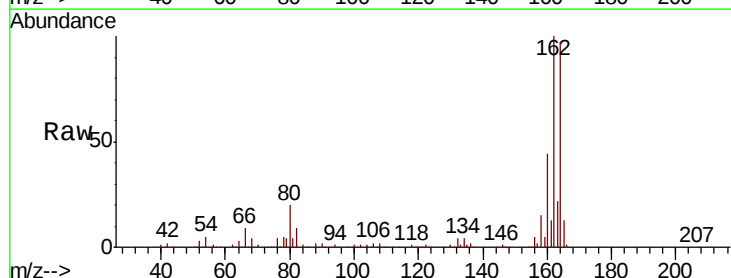
Ion Ratio Lower Upper

165 100

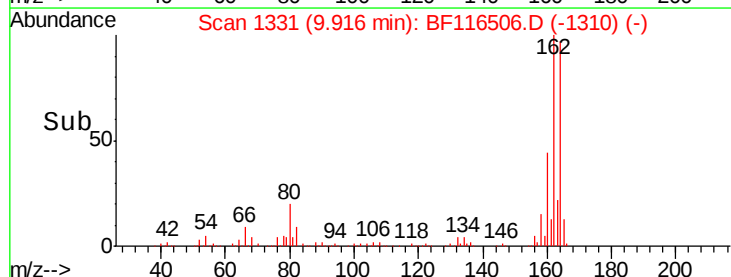
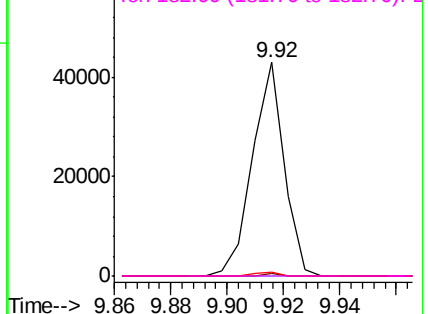
63 1.3 36.9 55.3#

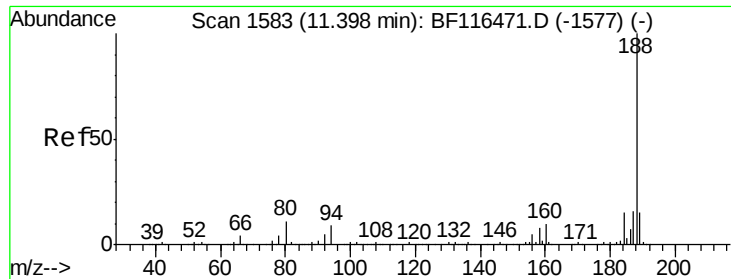
89 1.5 63.4 95.0#

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: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF116506.D

Acq: 24 Aug 2019 7:22

Instrument :

BNA_F

ClientSampleId :

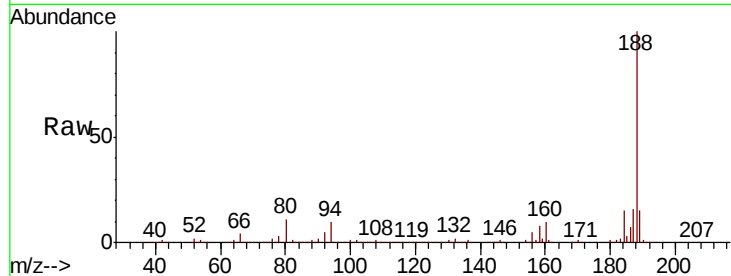
Tot Ion:188 Resp: 425805

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

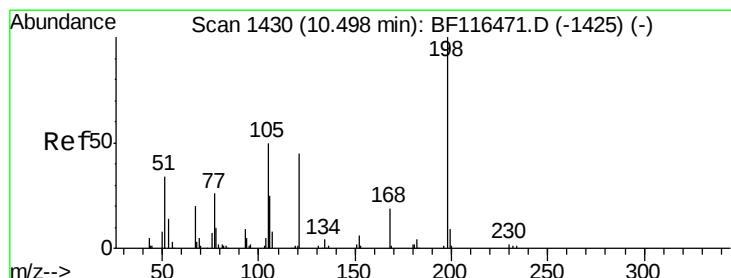
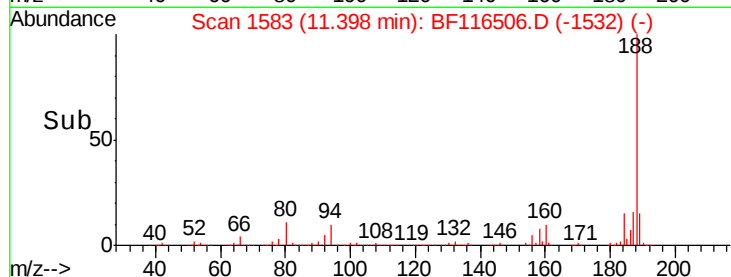
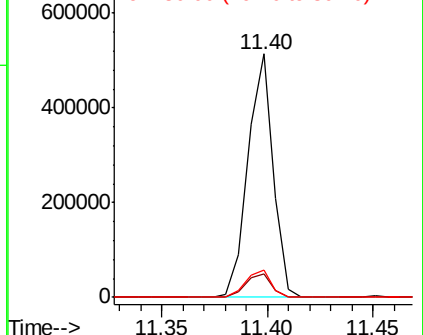
80 11.0 8.6 12.8



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



#65

4,6-Dinitro-2-methylphenol

Concen: 7.094 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.20 min

Lab File: BF116506.D

Acq: 24 Aug 2019 7:22

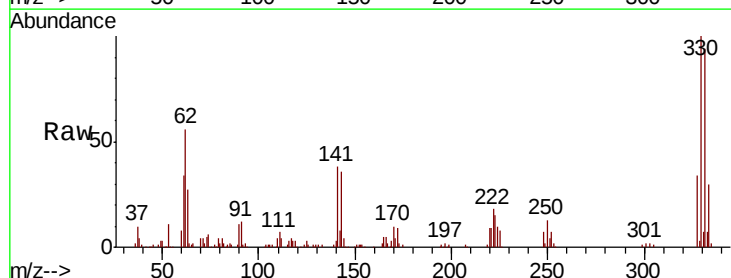
Tgt Ion:198 Resp: 182

Ion Ratio Lower Upper

198 100

51 155.3 30.4 70.4#

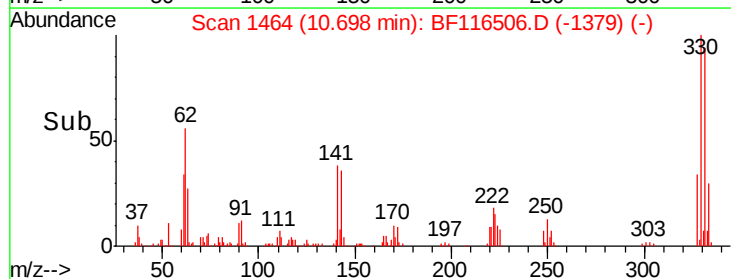
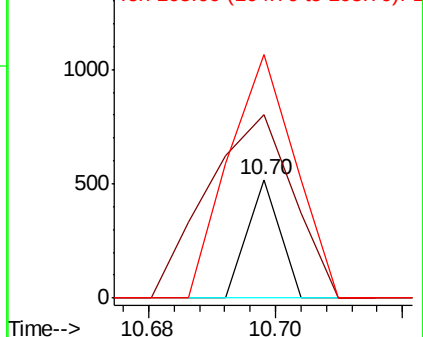
105 206.0 32.8 72.8#

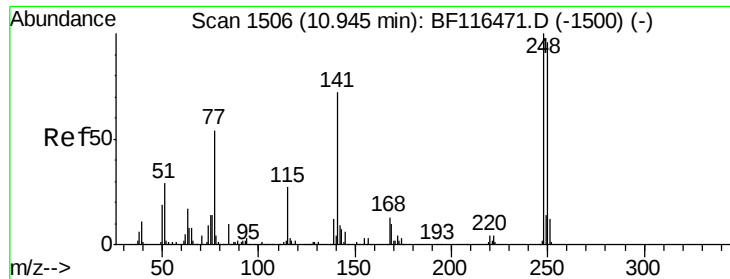


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

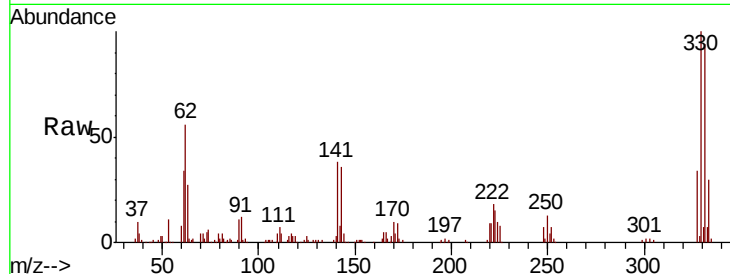




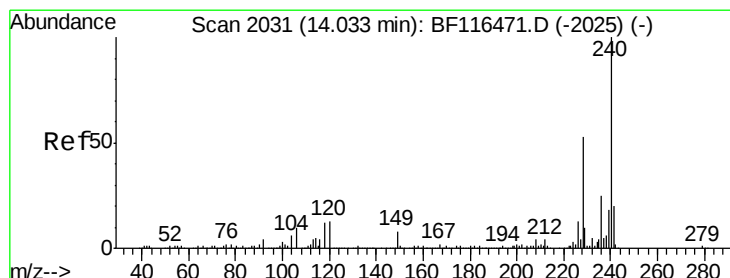
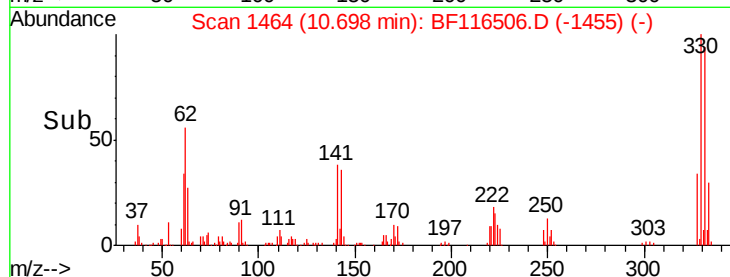
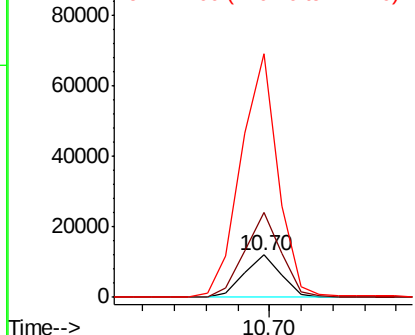
#67
4-Bromophenyl-phenylether
Concen: 2.187 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF116506.D
Acq: 24 Aug 2019 7:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9762
Ion Ratio Lower Upper
248 100
250 199.3 77.0 115.6#
141 575.4 57.4 86.0#

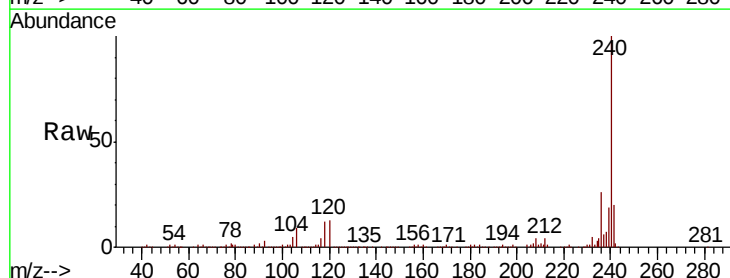


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

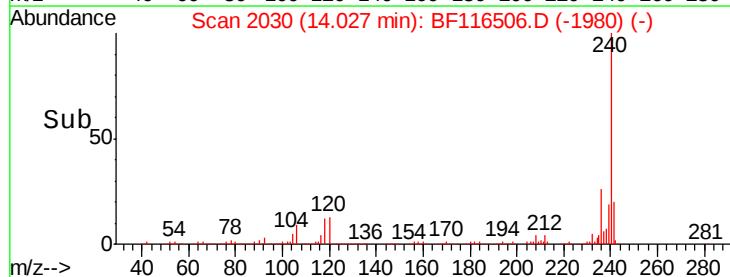
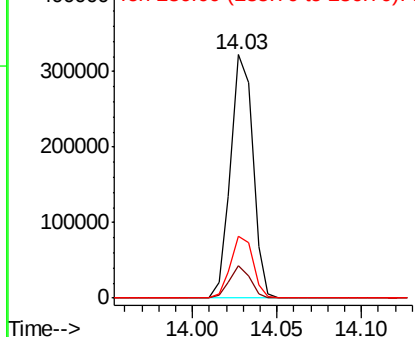


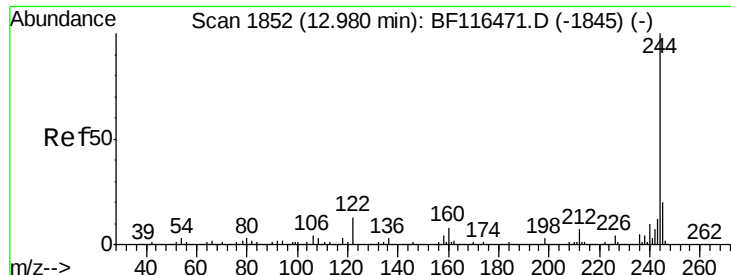
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116506.D
Acq: 24 Aug 2019 7:22

Tgt Ion:240 Resp: 296978
Ion Ratio Lower Upper
240 100
120 13.4 10.5 15.7
236 25.7 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: 62.009 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116506.D

Acq: 24 Aug 2019 7:22

Instrument :

BNA_F

ClientSampled :

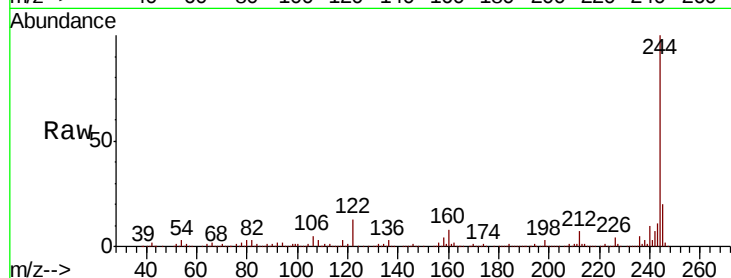
Tot Ion:244 Resp: 985876

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

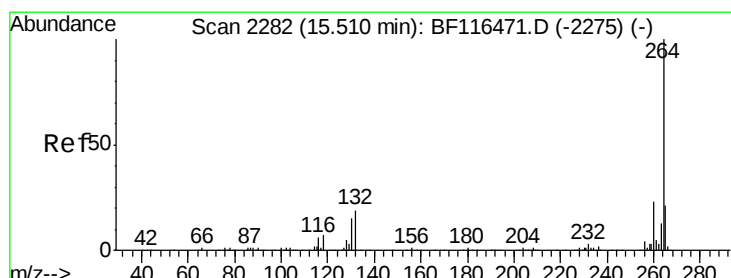
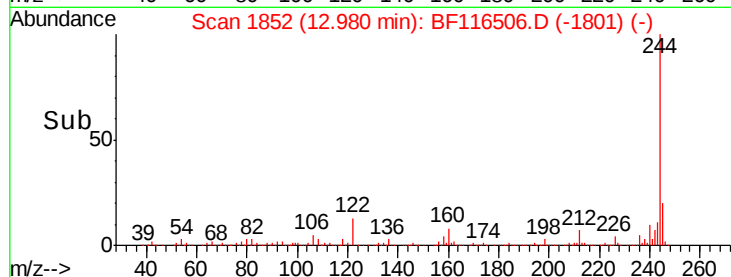
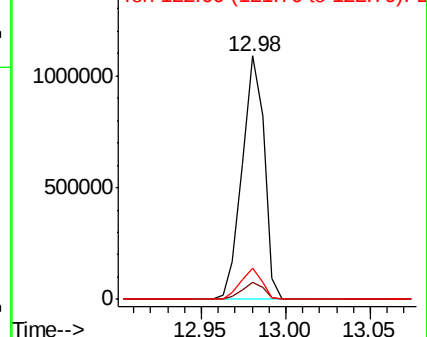
122 12.9 10.2 15.4



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: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF116506.D

Acq: 24 Aug 2019 7:22

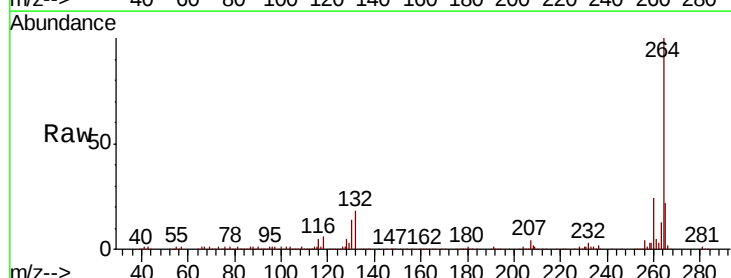
Tgt Ion:264 Resp: 276319

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 21.6 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

