

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115031.D
 Acq On : 14 Jun 2019 11:24
 Operator : HP/JU
 Sample : PB120585TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 15:39:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

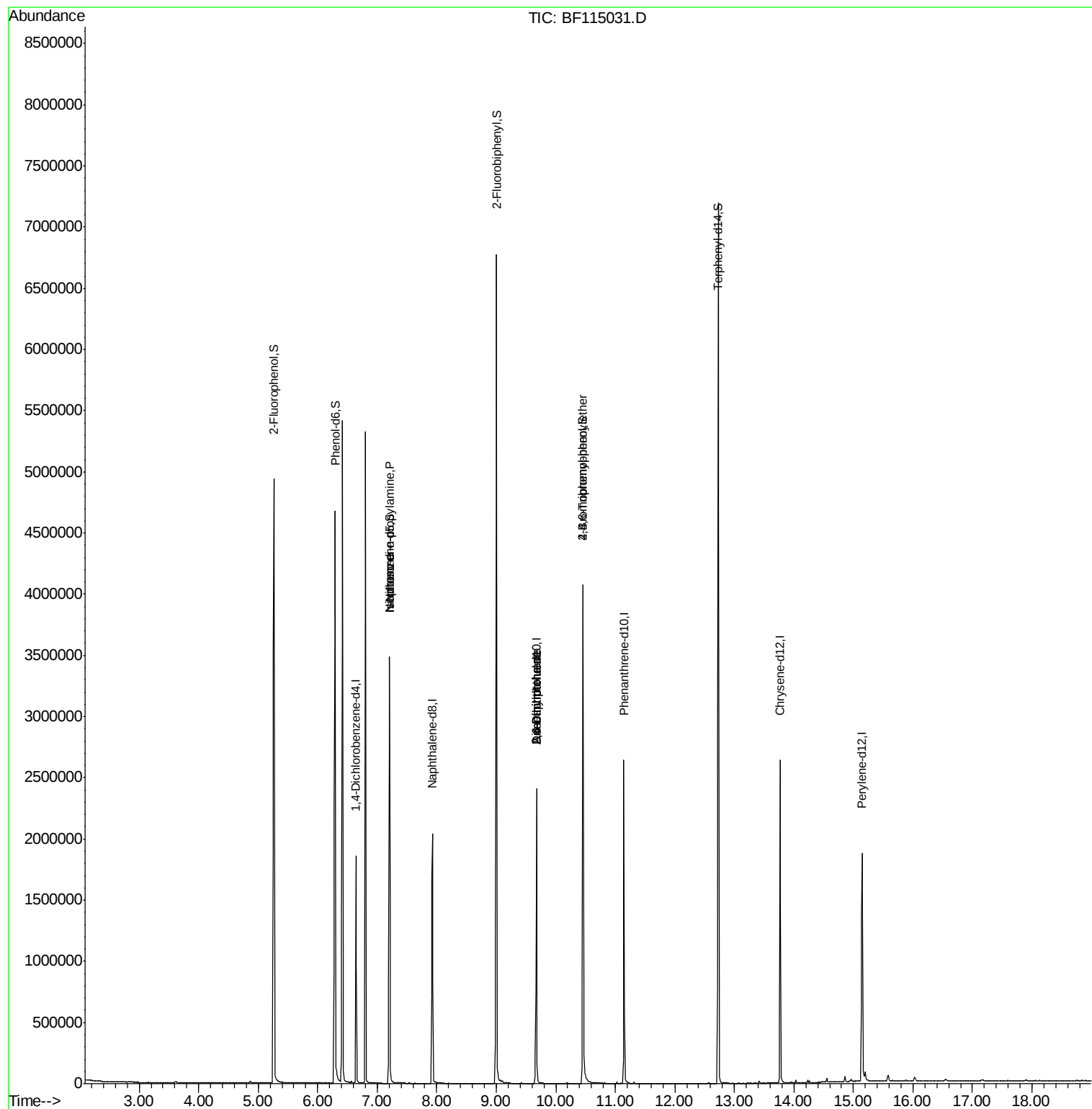
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	272743	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1072764	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	524897	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1053000	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	840058	20.00	ng	-0.01
87) Perylene-d12	15.14	264	860642	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1783441	109.19	ng	0.00
7) Phenol-d6	6.29	99	2198644	111.59	ng	0.00
23) Nitrobenzene-d5	7.21	82	1330285	74.64	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	617998	109.95	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2521386	81.41	ng	0.00
79) Terphenyl-d14	12.73	244	2774677	62.12	ng	0.00
Target Compounds						
9) Benzaldehyde	6.29	77	3037	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.21	70	175687	14.676 ng	#	76
25) Isophorone	7.21	82	1293111	38.739 ng	#	62
50) Dimethylphthalate	9.67	163	144623	3.664 ng	#	1
51) 2,6-Dinitrotoluene	9.67	165	66627	7.441 ng	#	37
57) 2,4-Dinitrotoluene	9.67	165	66627	5.846 ng	#	29
58) Fluorene	10.46	166	27125	Below Cal	#	92
67) 4-Bromophenyl-phenylether	10.46	248	40353	3.569 ng	#	1

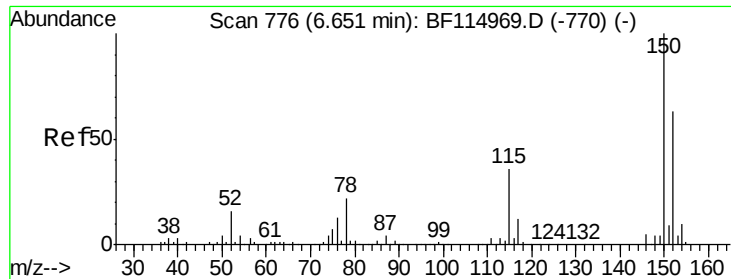
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
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ClientSampleId :

Quant Time: Jun 14 15:39:51 2019
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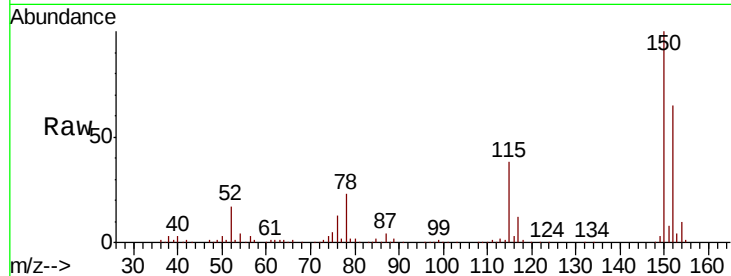


#1

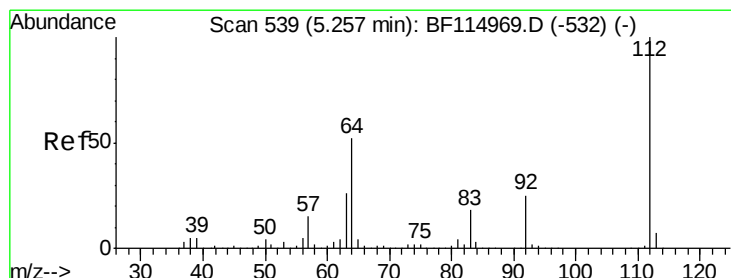
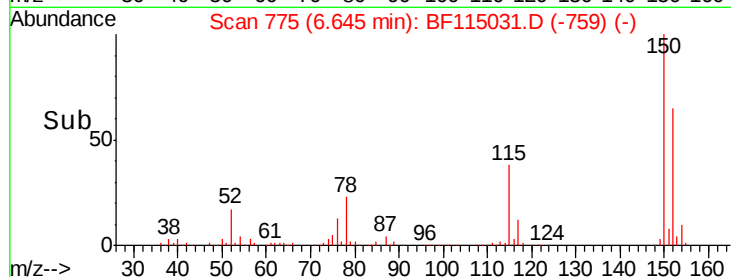
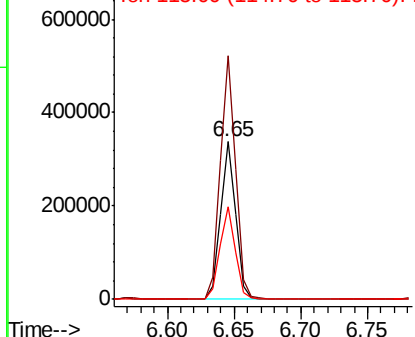
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115031.D
Acq: 14 Jun 2019 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 272743
Ion Ratio Lower Upper
152 100
150 154.4 127.4 191.0
115 59.0 46.0 69.0



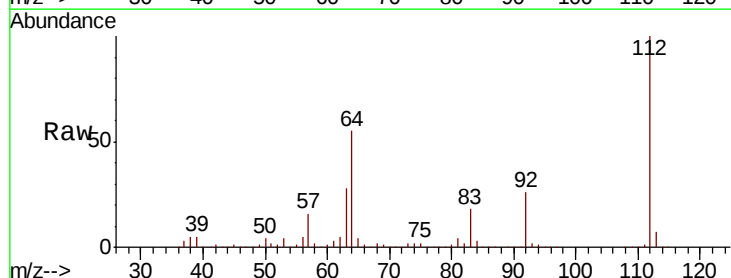
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



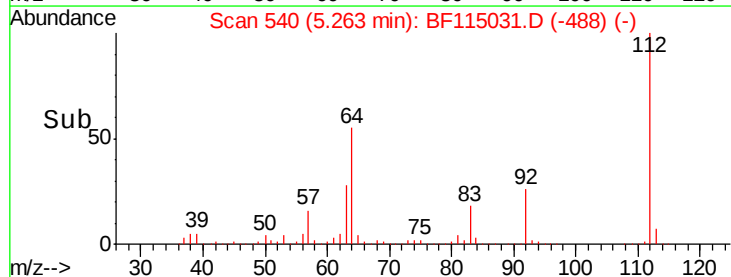
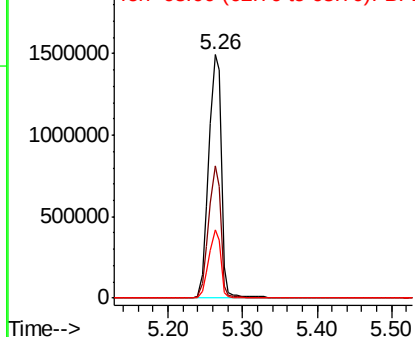
#5

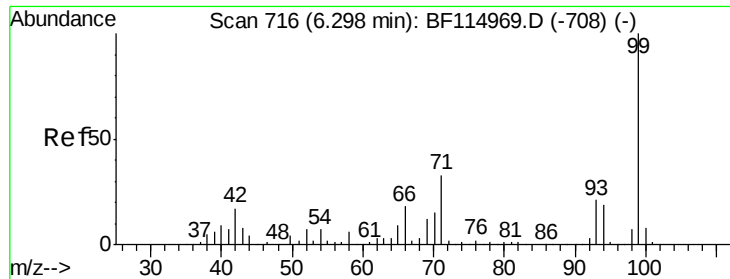
2-Fluorophenol
Concen: 109.186 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF115031.D
Acq: 14 Jun 2019 11:24

Tgt Ion:112 Resp: 1783441
Ion Ratio Lower Upper
112 100
64 54.5 41.6 62.4
63 27.9 20.9 31.3



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: 111.587 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115031.D

Acq: 14 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

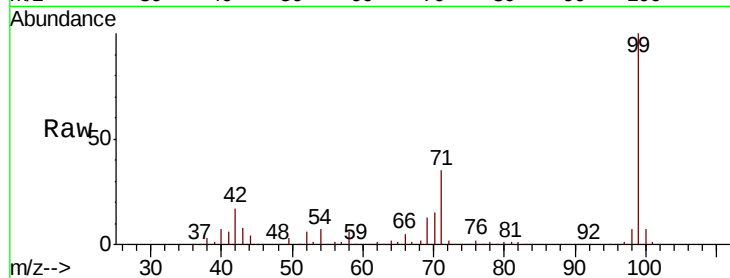
Tot Ion: 99 Resp: 2198644

Ion Ratio Lower Upper

99 100

42 16.5 13.4 20.2

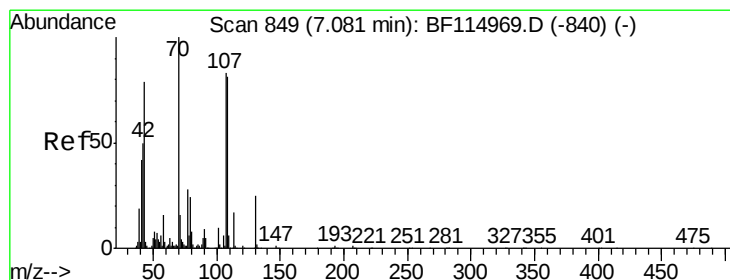
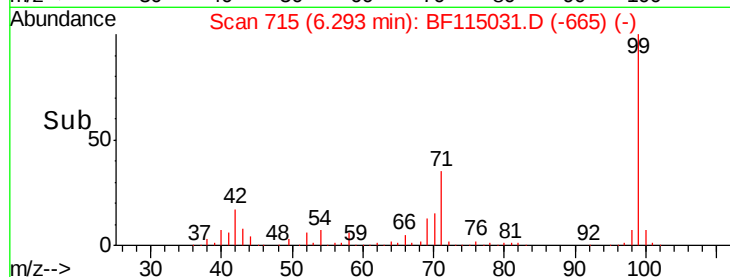
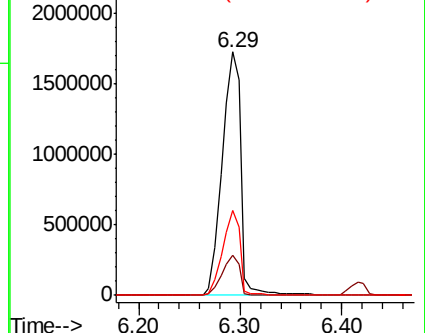
71 34.8 26.4 39.6



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: 14.676 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115031.D

Acq: 14 Jun 2019 11:24

Tgt Ion: 70 Resp: 175687

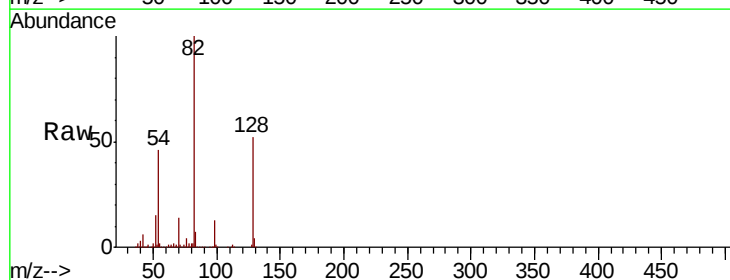
Ion Ratio Lower Upper

70 100

42 42.2 40.3 60.5

101 0.0 8.2 12.4#

130 2.3 20.3 30.5#

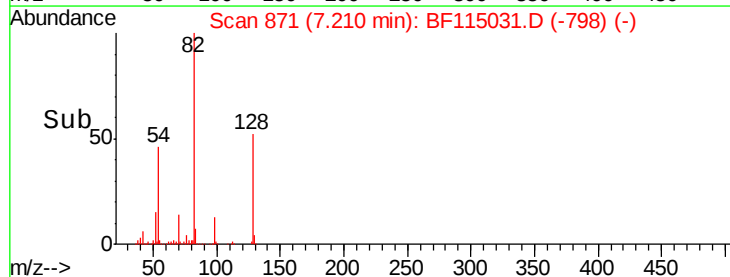
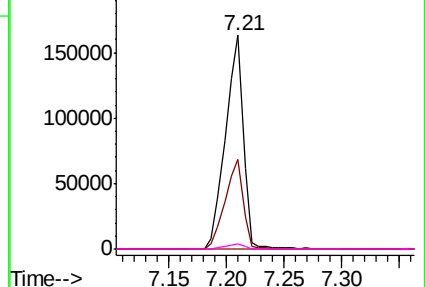


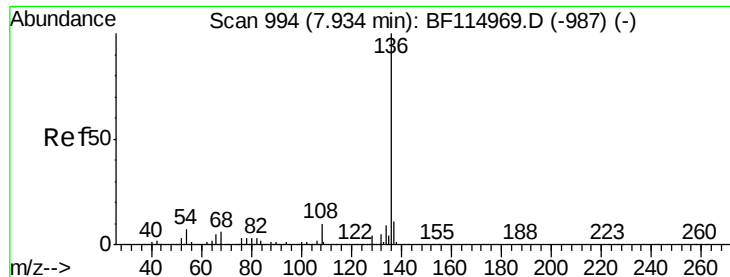
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

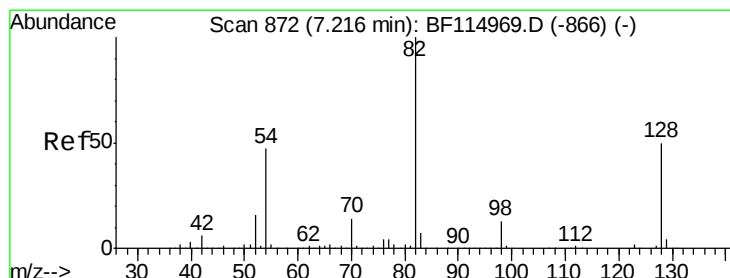
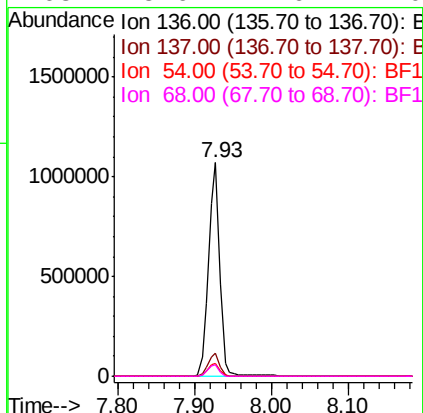
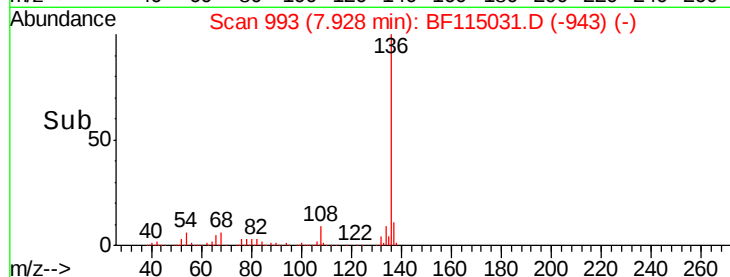
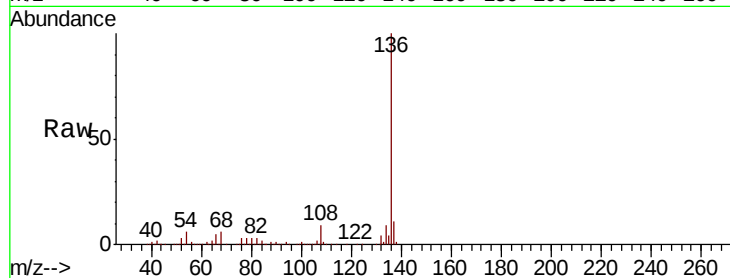




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115031.D
Acq: 14 Jun 2019 11:24

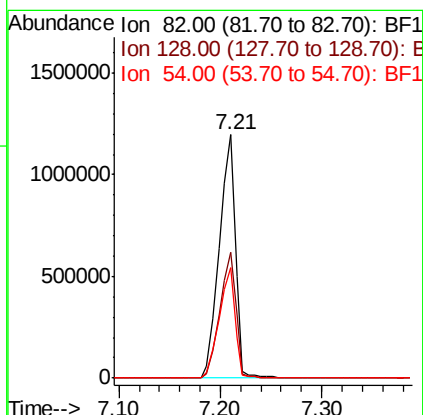
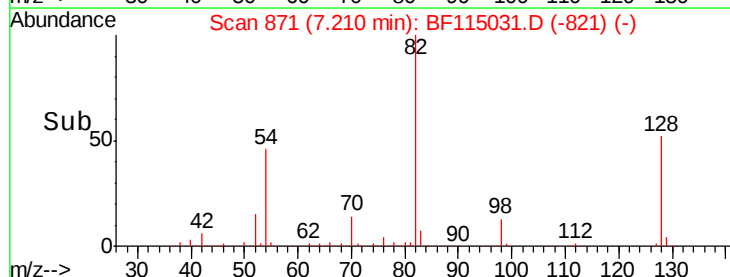
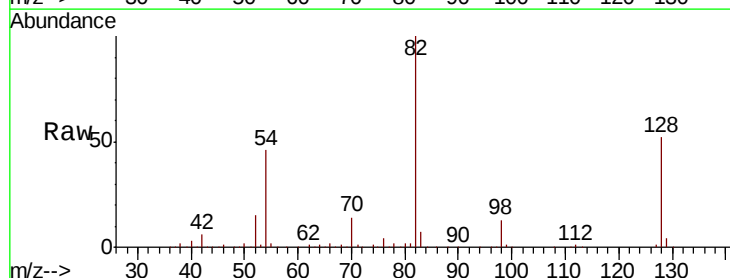
Instrument :
BNA_F
ClientSampleId :

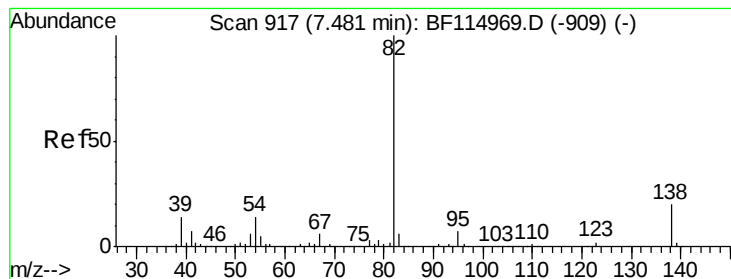
Tot Ion:136	Resp: 1072764
Ion Ratio	Lower Upper
136 100	
137 11.0	9.0 13.4
54 6.2	5.4 8.0
68 5.6	4.6 7.0



#23
Nitrobenzene-d5
Concen: 74.641 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115031.D
Acq: 14 Jun 2019 11:24

Tgt	Ion: 82	Resp: 1330285	
Ion	Ratio	Lower	Upper
82	100		
128	51.6	39.9	59.9
54	45.5	37.3	55.9





#25

Isophorone

Concen: 38.739 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115031.D

Acq: 14 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

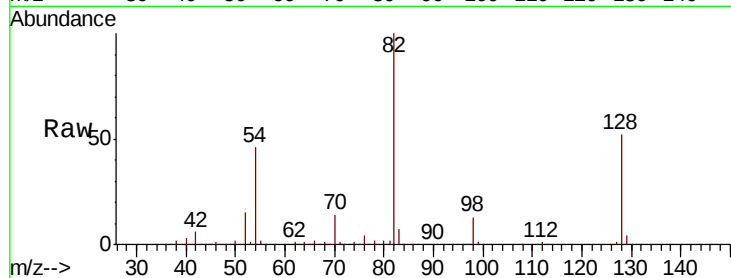
Tot Ion: 82 Resp: 1293111

Ion Ratio Lower Upper

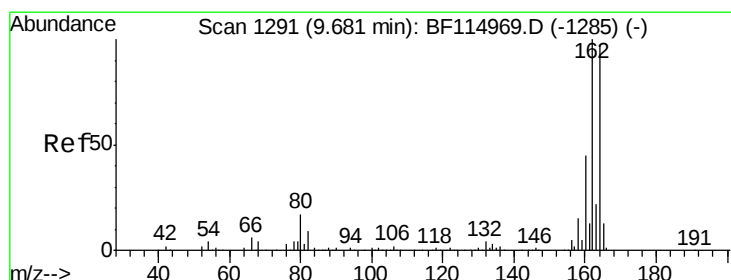
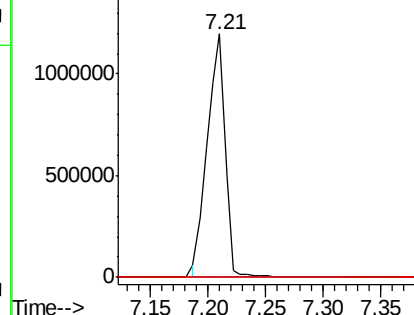
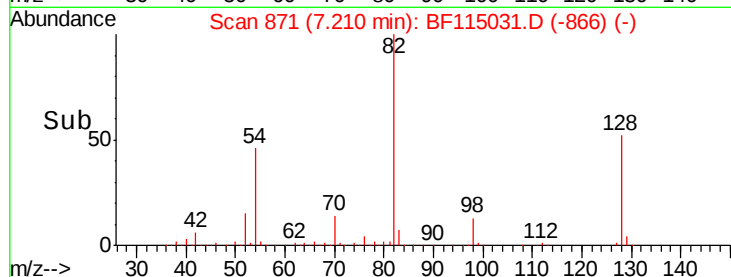
82 100

95 0.0 5.6 8.4#

138 0.0 16.1 24.1#



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: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF115031.D

Acq: 14 Jun 2019 11:24

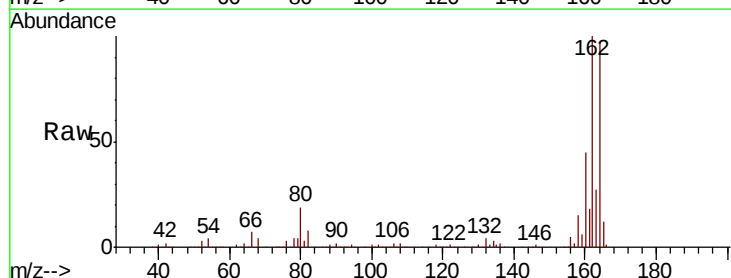
Tgt Ion:164 Resp: 524897

Ion Ratio Lower Upper

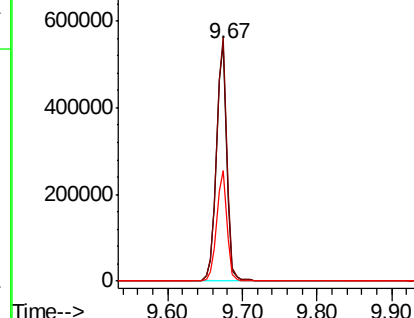
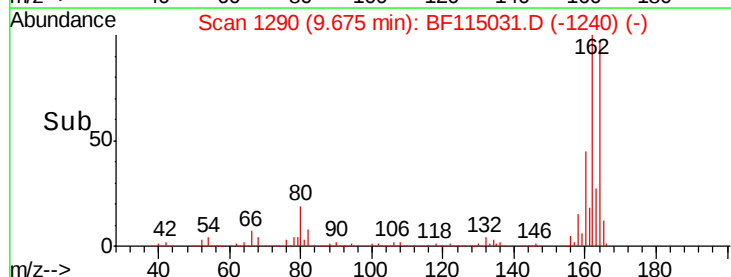
164 100

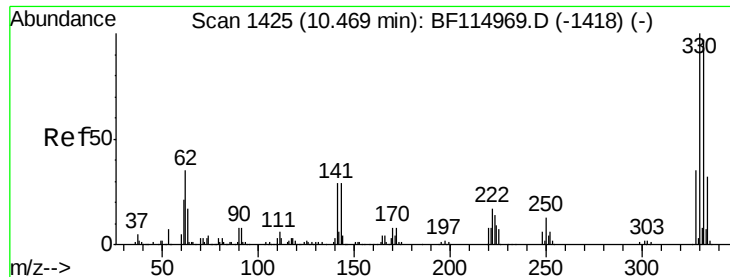
162 102.6 82.6 124.0

160 46.4 36.9 55.3



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: 109.946 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF115031.D

Acq: 14 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

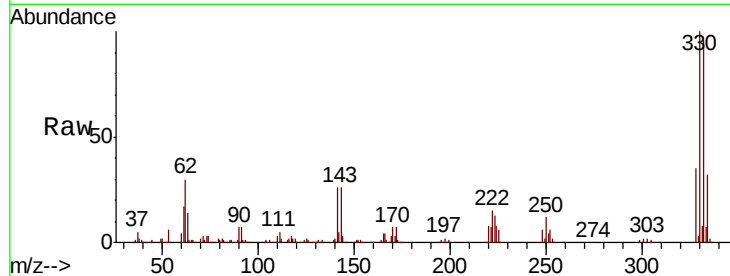
Tot Ion:330 Resp: 617998

Ion Ratio Lower Upper

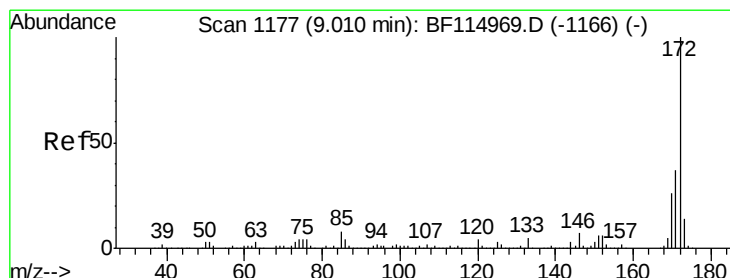
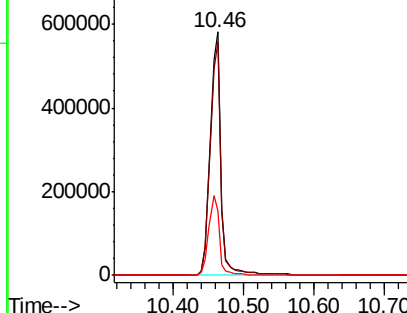
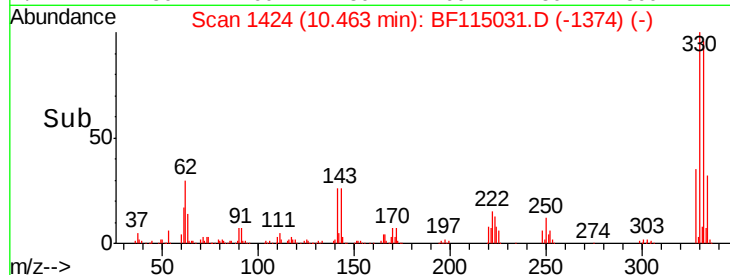
330 100

332 95.7 77.6 116.4

141 33.1 27.2 40.8



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: 81.413 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115031.D

Acq: 14 Jun 2019 11:24

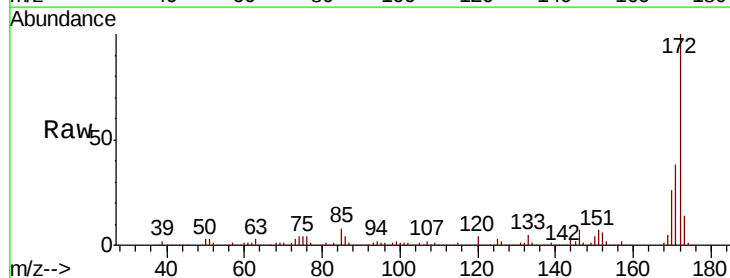
Tgt Ion:172 Resp: 2521386

Ion Ratio Lower Upper

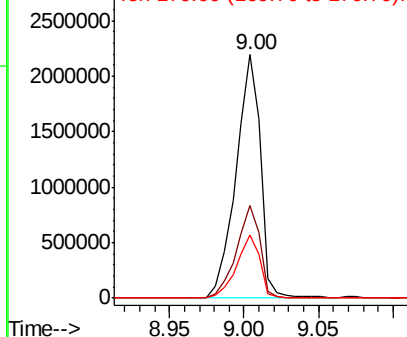
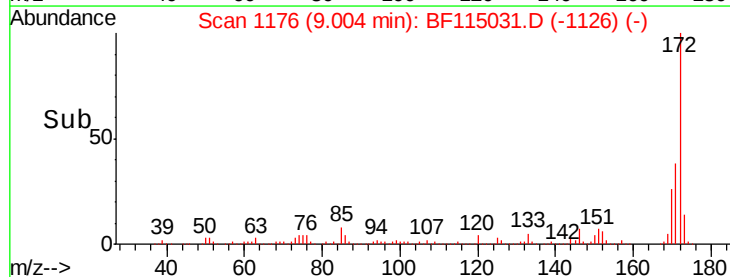
172 100

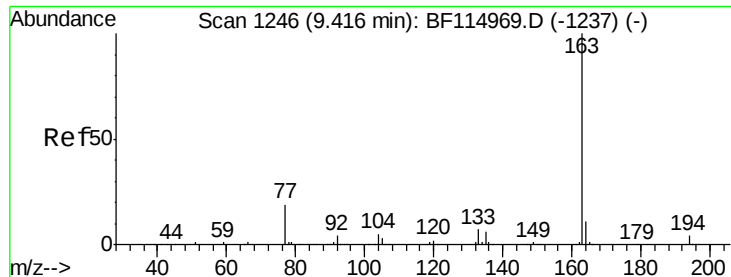
171 37.9 29.8 44.6

170 25.7 20.6 31.0



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: 3.664 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.26 min

Lab File: BF115031.D

Acq: 14 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

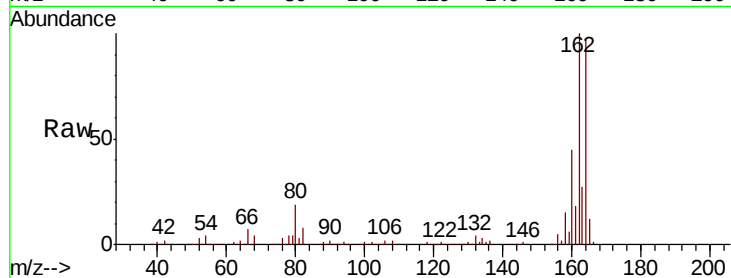
Tot Ion:163 Resp: 144623

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

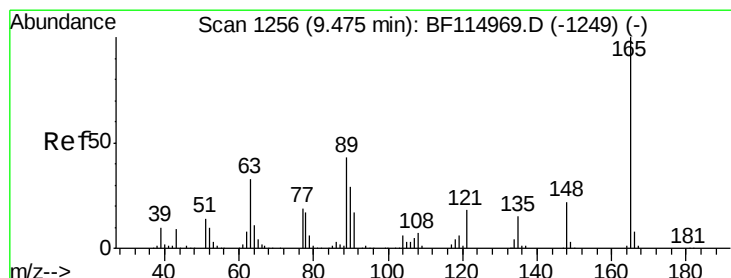
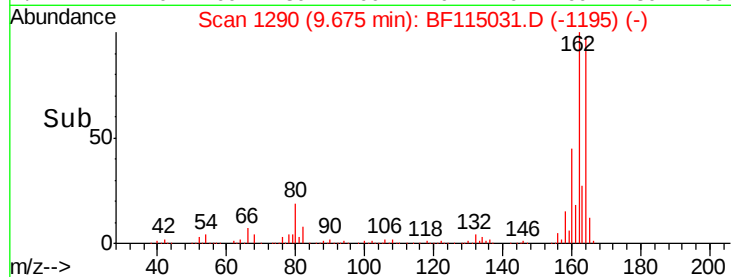
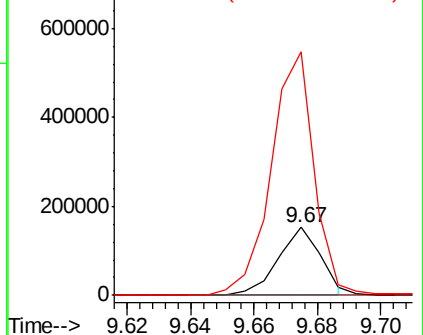
164 357.0 8.6 12.8#



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



#51

2,6-Dinitrotoluene

Concen: 7.441 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.20 min

Lab File: BF115031.D

Acq: 14 Jun 2019 11:24

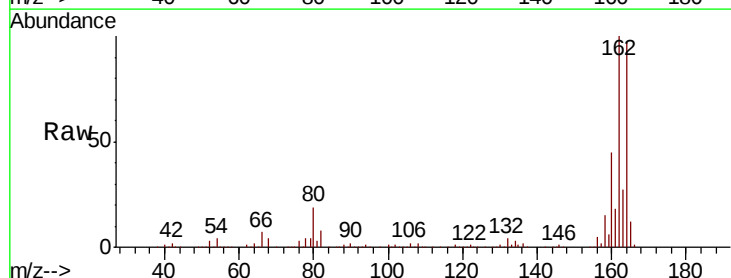
Tgt Ion:165 Resp: 66627

Ion Ratio Lower Upper

165 100

63 0.9 30.6 46.0#

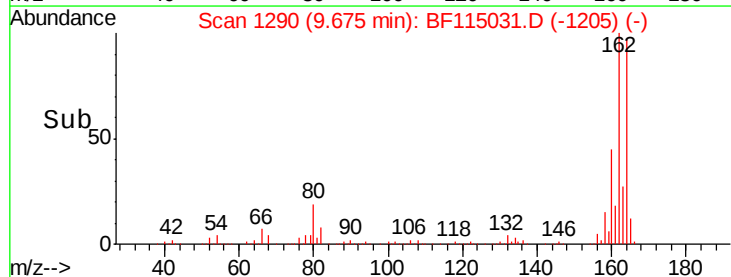
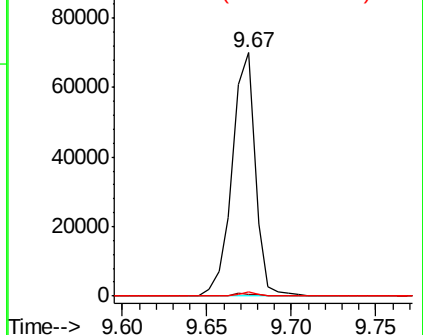
89 1.8 34.4 51.6#

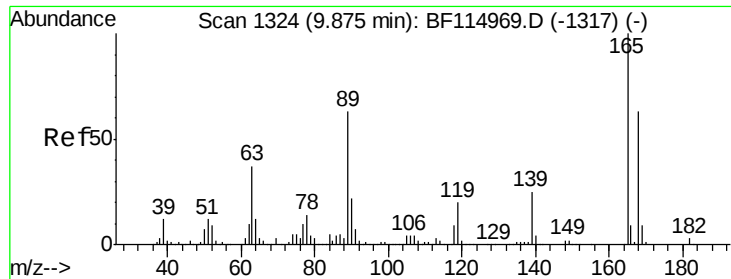


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

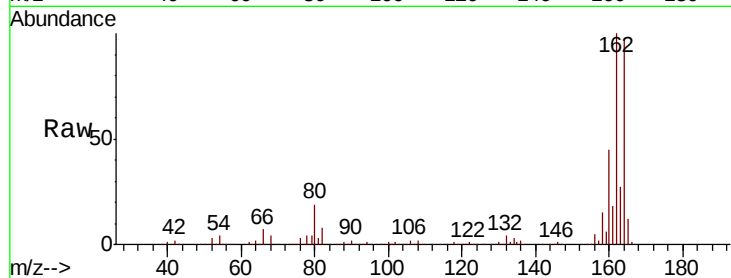




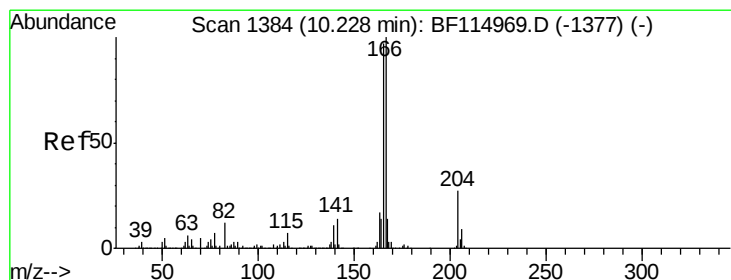
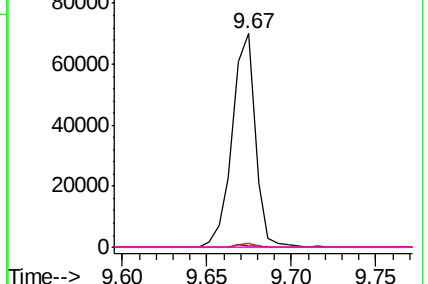
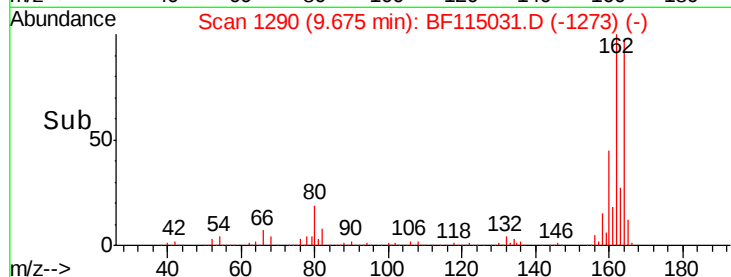
#57
 2,4-Dinitrotoluene
 Concen: 5.846 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.20 min
 Lab File: BF115031.D
 Acq: 14 Jun 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	66627
Ion Ratio	Lower	Upper
165	100	
63	0.9	29.4 44.2#
89	1.8	50.6 75.8#
182	0.0	2.2 3.2#

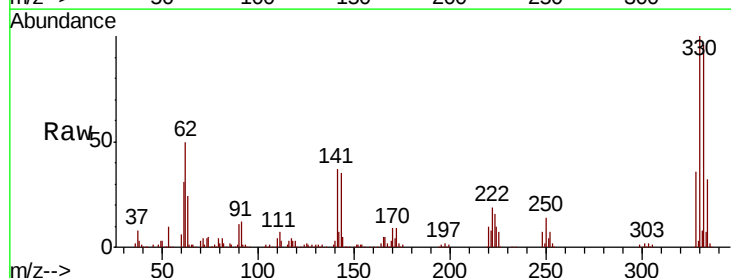


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

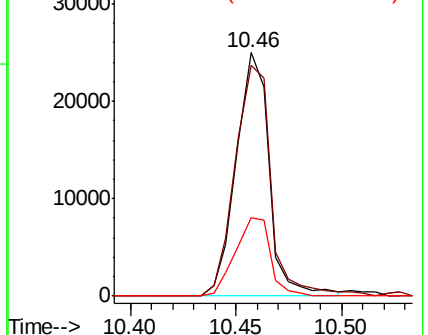
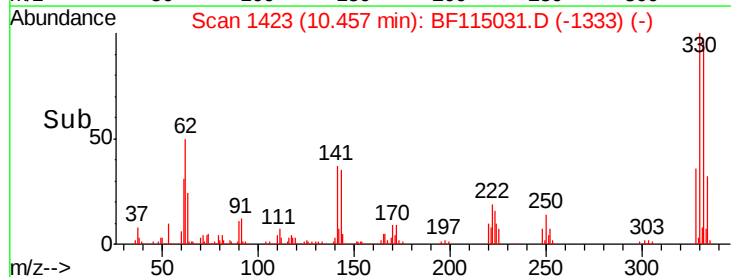


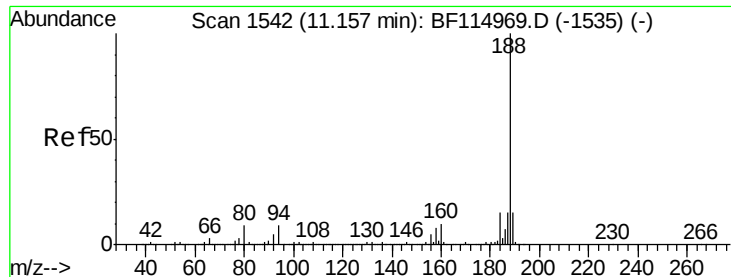
#58
 Fluorene
 Concen: Below Cal
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.23 min
 Lab File: BF115031.D
 Acq: 14 Jun 2019 11:24

Tgt Ion:166	Resp:	27125
Ion Ratio	Lower	Upper
166	100	
165	94.8	77.6 116.4
167	32.2	11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115031.D

Acq: 14 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

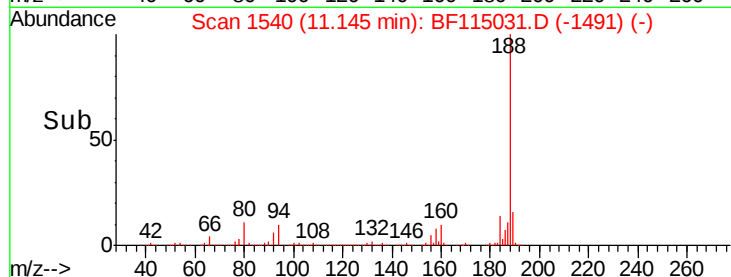
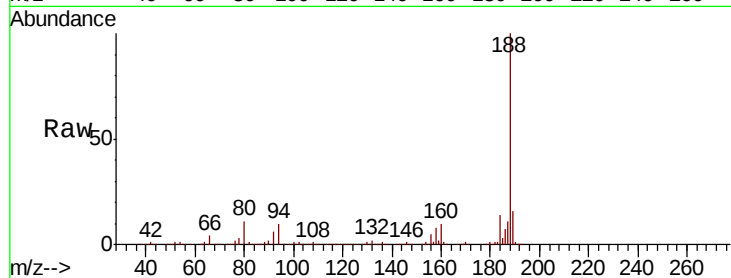
Tot Ion:188 Resp: 1053000

Ion Ratio Lower Upper

188 100

94 10.2 7.2 10.8

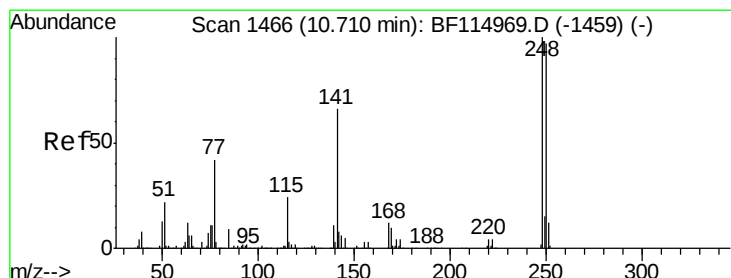
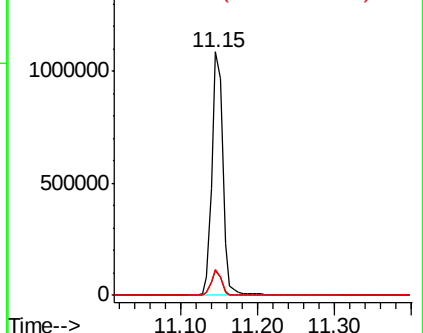
80 10.9 7.4 11.2



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



#67

4-Bromophenyl-phenylether

Concen: 3.569 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.25 min

Lab File: BF115031.D

Acq: 14 Jun 2019 11:24

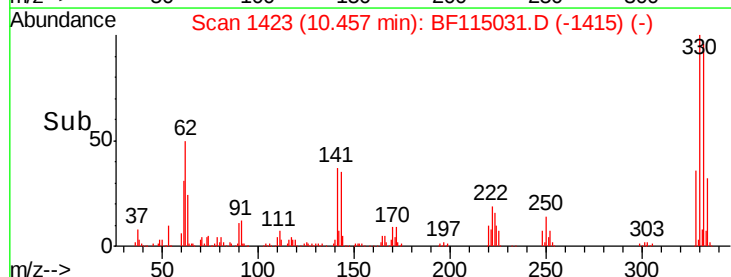
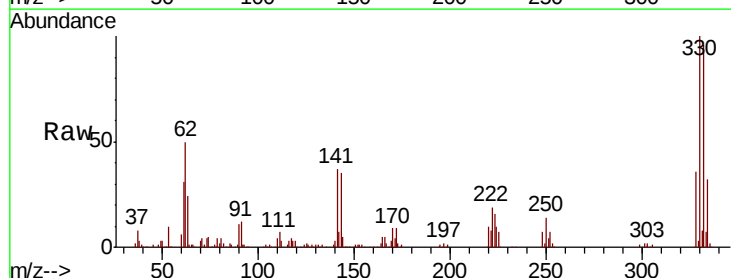
Tgt Ion:248 Resp: 40353

Ion Ratio Lower Upper

248 100

250 193.7 77.8 116.8#

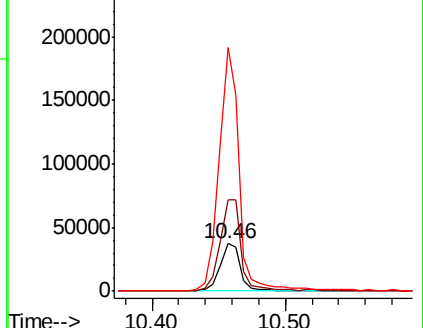
141 513.1 53.1 79.7#

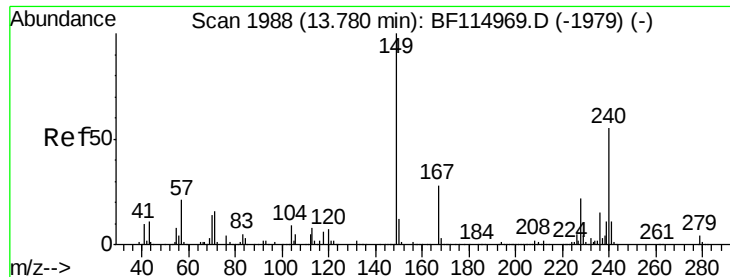


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

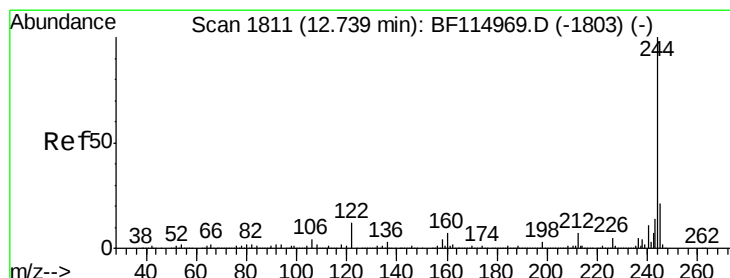
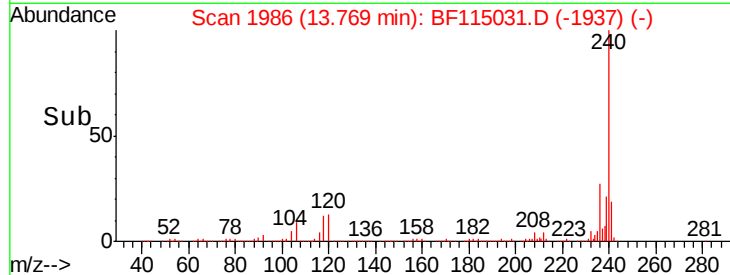
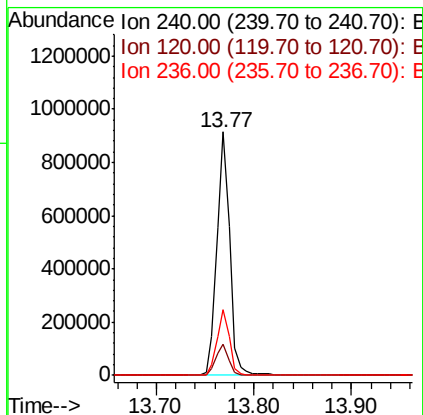
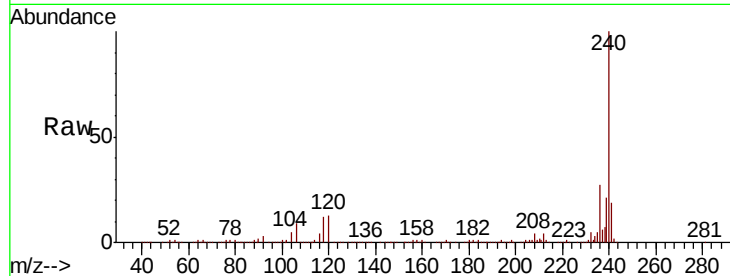




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF115031.D
 Acq: 14 Jun 2019 11:24

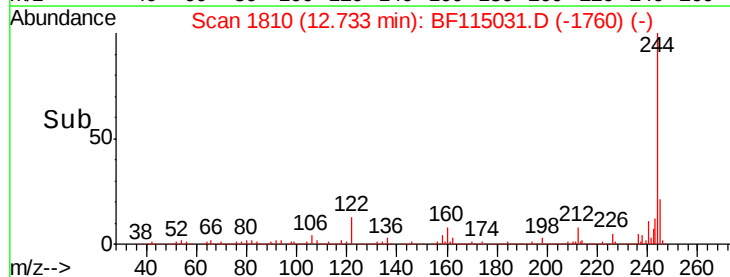
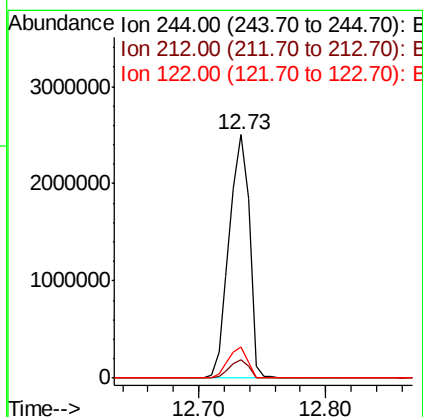
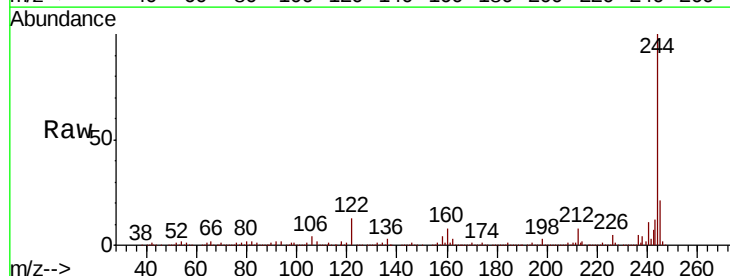
Instrument :
 BNA_F
 ClientSampleId :

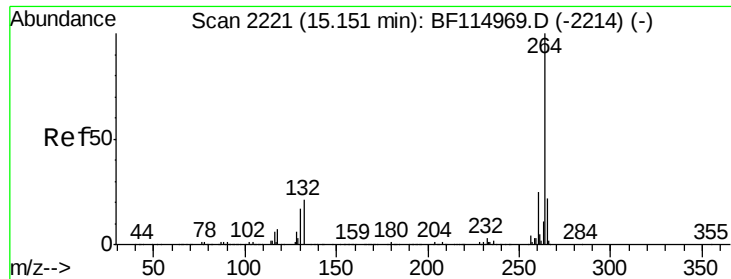
Tot Ion:240 Resp: 840058
 Ion Ratio Lower Upper
 240 100
 120 13.0 10.0 15.0
 236 26.9 21.6 32.4



#79
 Terphenyl-d14
 Concen: 62.124 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115031.D
 Acq: 14 Jun 2019 11:24

Tgt Ion:244 Resp: 2774677
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 13.0 9.4 14.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF115031.D
 Acq: 14 Jun 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.8	17.6	26.4

