

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
 Data File : BF118228.D
 Acq On : 17 Dec 2019 16:05
 Operator : JU
 Sample : K6294-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 05:03:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

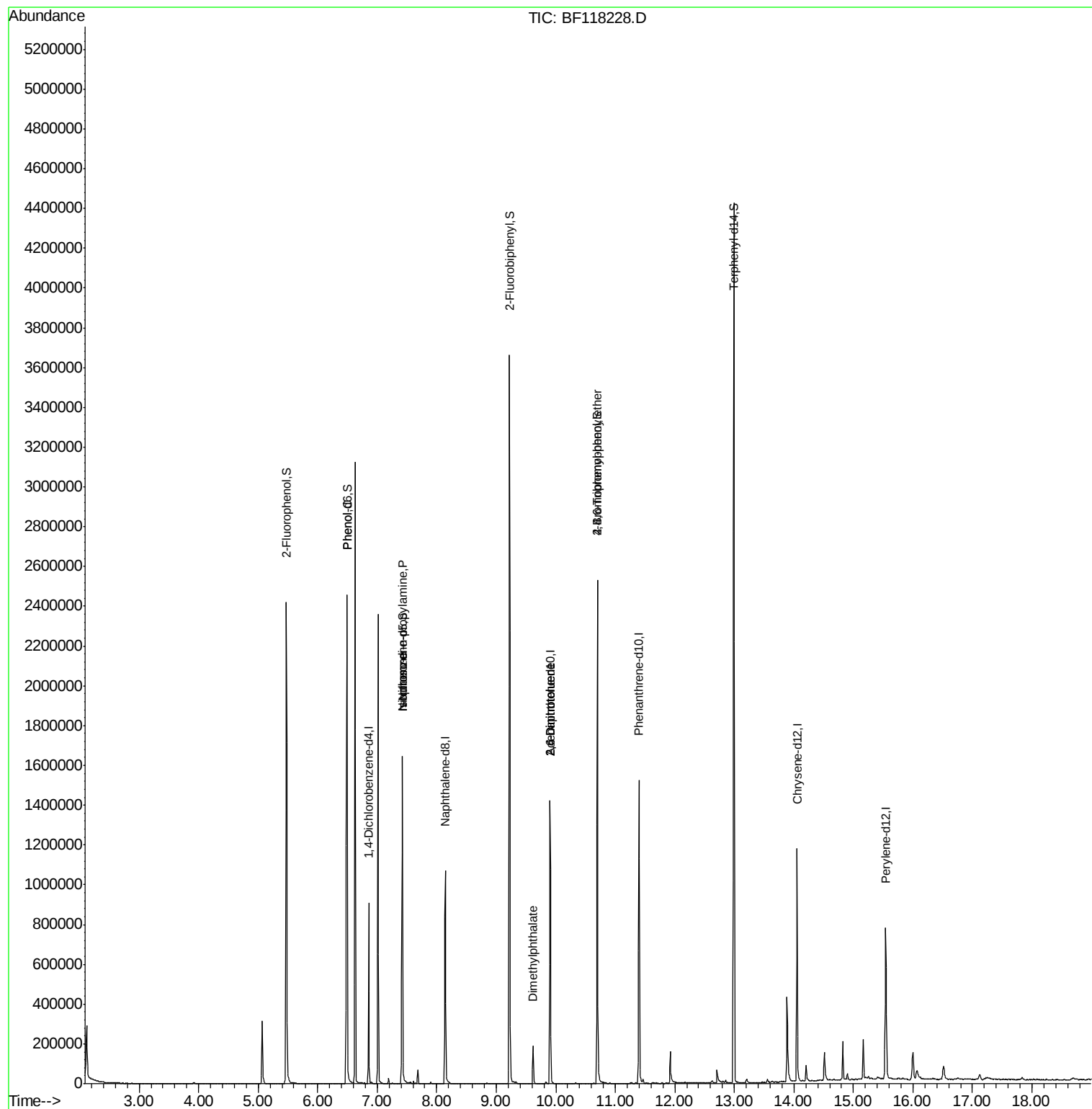
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	127423	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	520805	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	288931	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	578028	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	385176	20.00	ng	-0.02
87) Perylene-d12	15.54	264	327249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	694888	95.51	ng	0.00
7) Phenol-d6	6.49	99	896294	101.86	ng	0.00
23) Nitrobenzene-d5	7.42	82	535771	57.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	338416	96.42	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	1112439	58.59	ng	-0.02
79) Terphenyl-d14	12.99	244	1439422	64.26	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	1483	Below Cal	Qvalue	# 1
10) Phenol	6.50	94	20884	2.081 ng	#	63
19) n-Nitroso-di-n-propylamine	7.42	70	72556	13.569 ng	#	75
25) Isophorone	7.42	82	526866	33.572 ng	#	62
50) Dimethylphthalate	9.62	163	87193	4.086 ng		97
51) 2,6-Dinitrotoluene	9.90	165	37641	8.111 ng	#	27
57) 2,4-Dinitrotoluene	9.90	165	37641	6.077 ng	#	25
67) 4-Bromophenyl-phenylether	10.70	248	21009	3.184 ng	#	1

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

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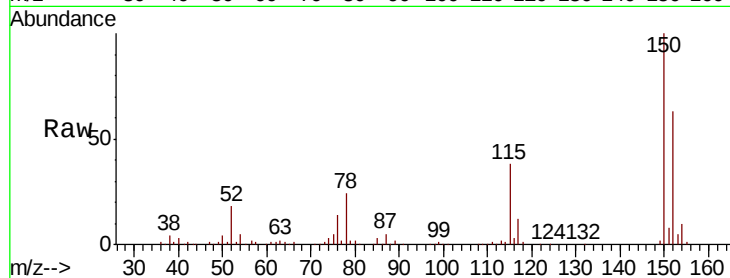


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF118228.D
 Acq: 17 Dec 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	128.3	192.5
115	60.5	51.1	76.7

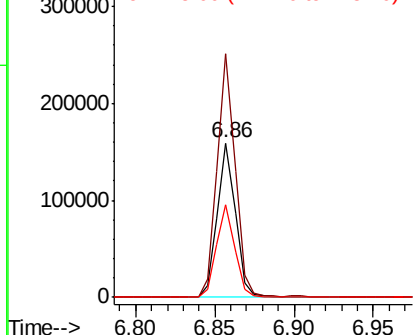
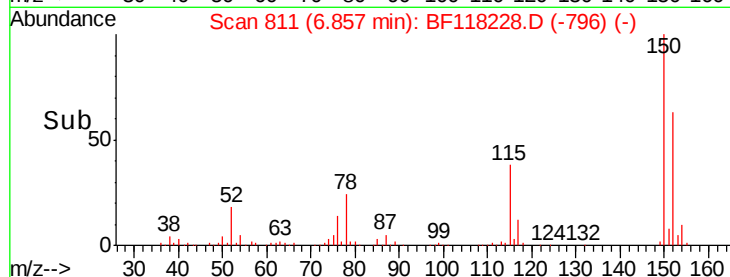


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

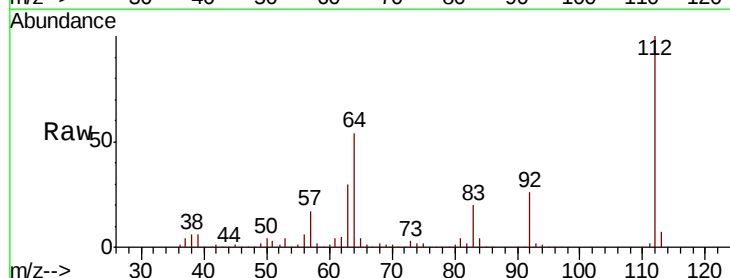
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 95.514 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF118228.D
 Acq: 17 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	41.3	61.9
63	29.5	22.4	33.6

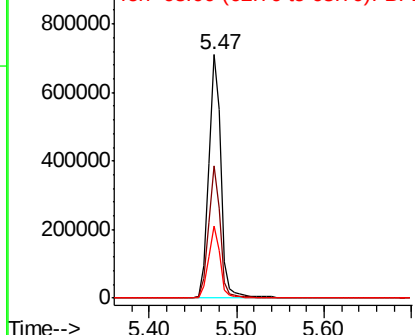
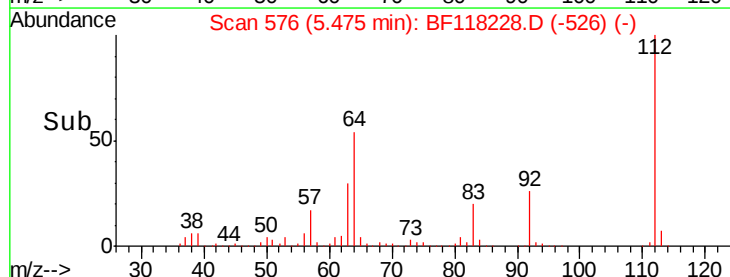


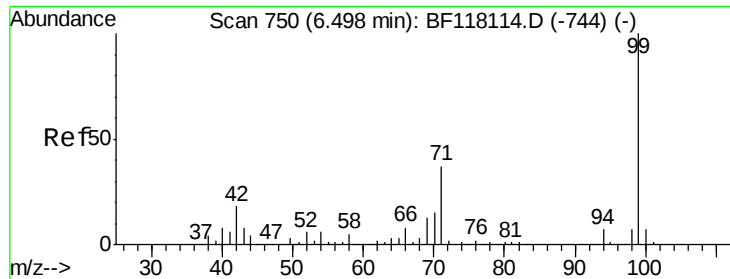
Abundance

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: 101.856 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118228.D

Acq: 17 Dec 2019 16:05

Instrument :

BNA_F

ClientSampled :

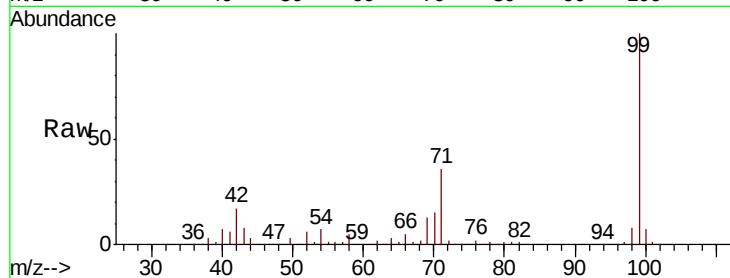
Tot Ion: 99 Resp: 896294

Ion Ratio Lower Upper

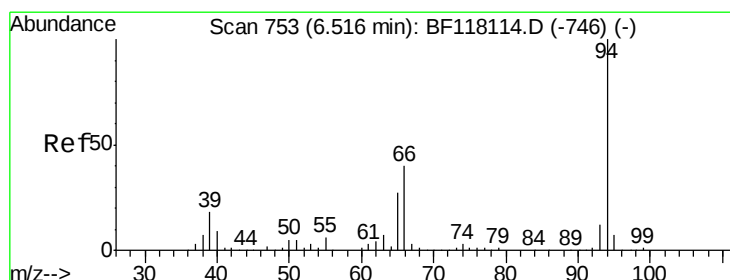
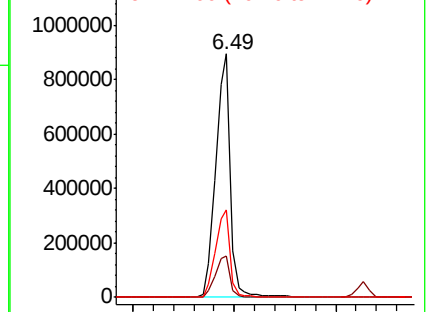
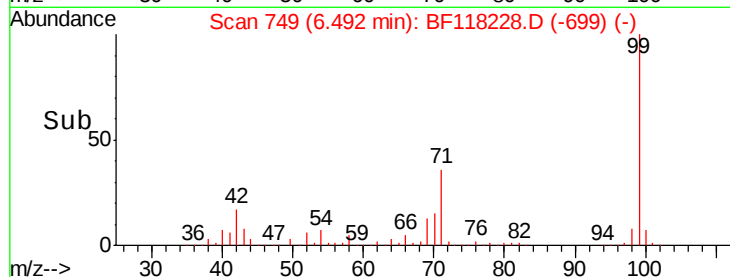
99 100

42 16.9 14.1 21.1

71 36.1 29.7 44.5



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



#10

Phenol

Concen: 2.081 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118228.D

Acq: 17 Dec 2019 16:05

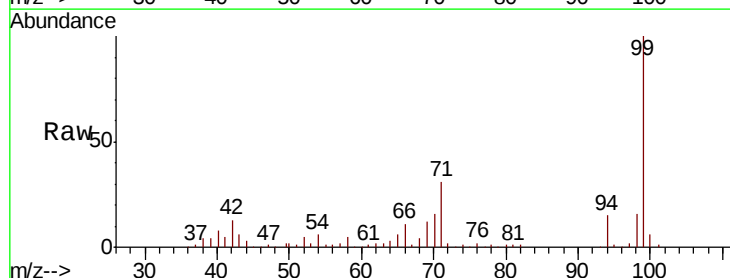
Tgt Ion: 94 Resp: 20884

Ion Ratio Lower Upper

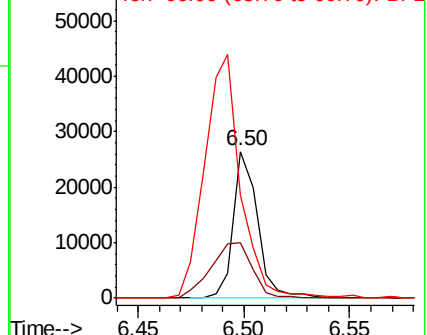
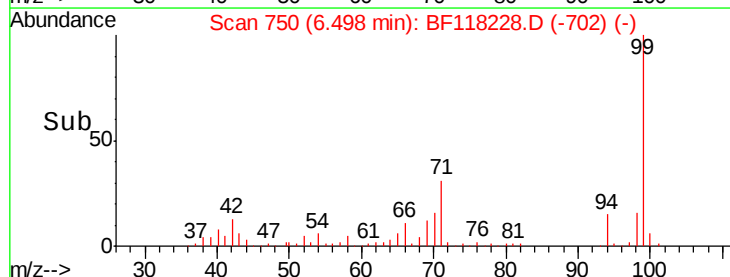
94 100

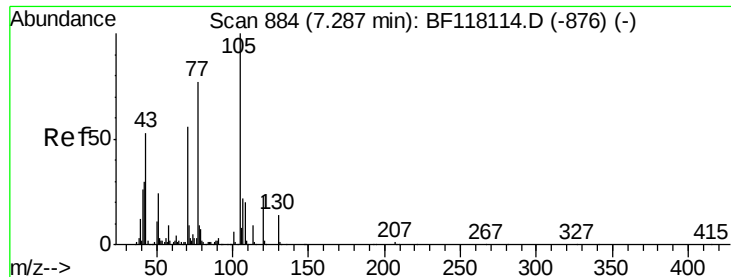
65 37.7 7.3 47.3

66 70.1 20.2 60.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

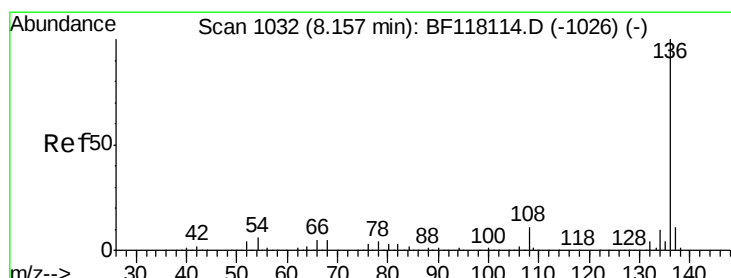
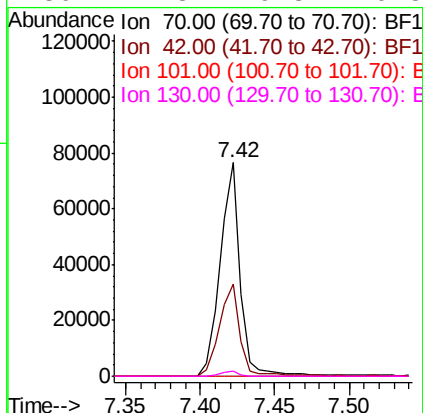
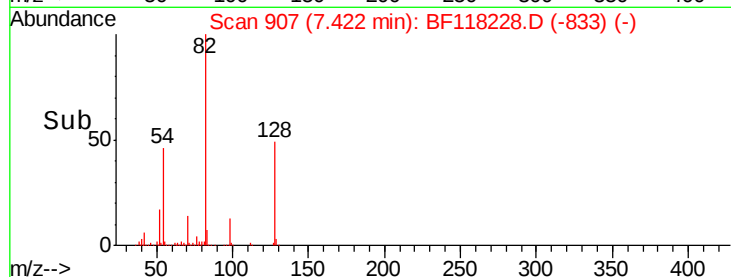
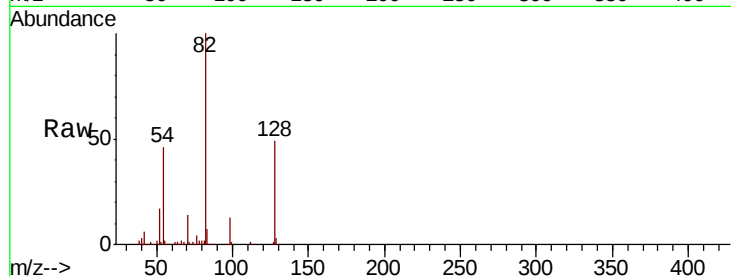




#19
n-Nitroso-di-n-propylamine
Concen: 13.569 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF118228.D
Acq: 17 Dec 2019 16:05

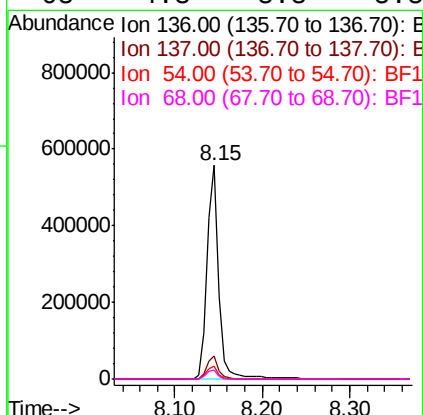
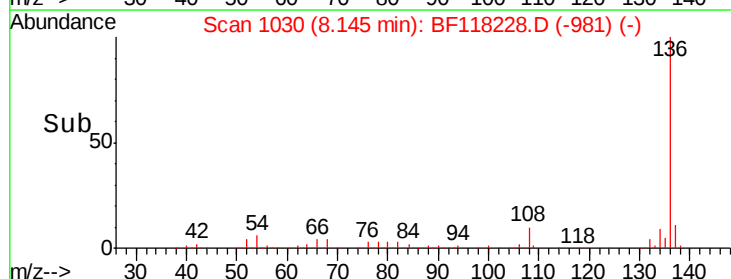
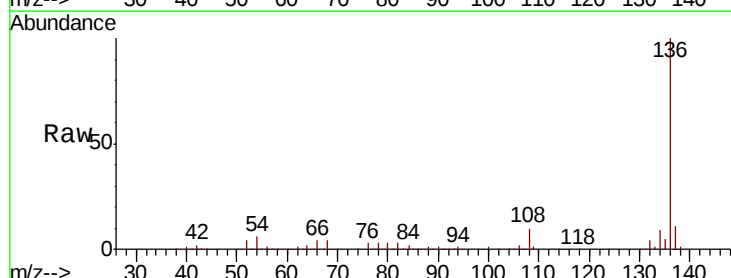
Instrument :
BNA_F
ClientSampled :

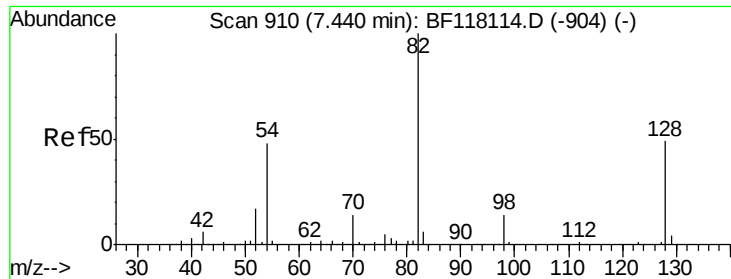
Tot Ion: 70 Resp: 72556
Ion Ratio Lower Upper
70 100
42 43.3 43.2 64.8
101 0.0 8.1 12.1#
130 2.3 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118228.D
Acq: 17 Dec 2019 16:05

Tgt Ion: 136 Resp: 520805
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 5.8 5.0 7.6
68 4.3 3.8 5.8

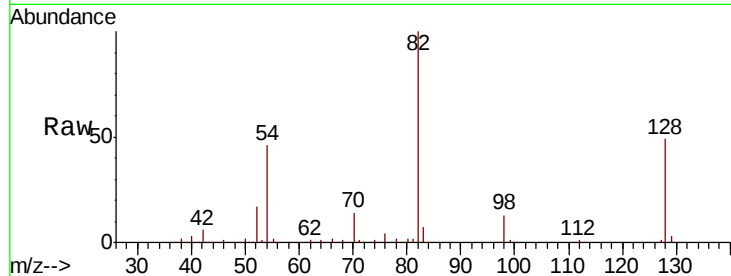




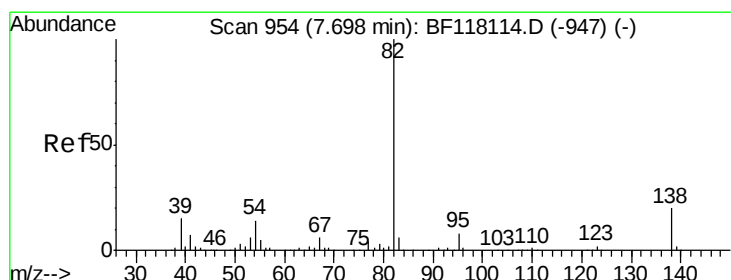
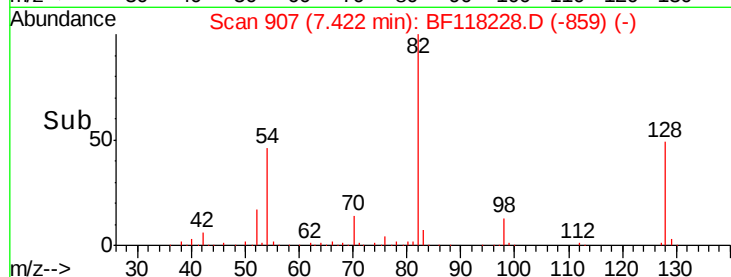
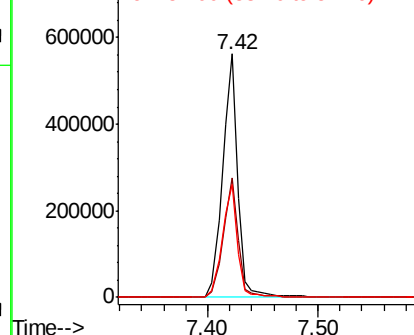
#23
 Nitrobenzene-d5
 Concen: 57.874 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118228.D
 Acq: 17 Dec 2019 16:05

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 535771
 Ion Ratio Lower Upper
 82 100
 128 49.0 39.1 58.7
 54 46.3 38.2 57.2

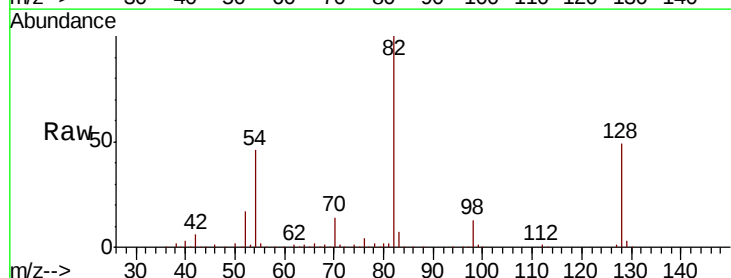


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

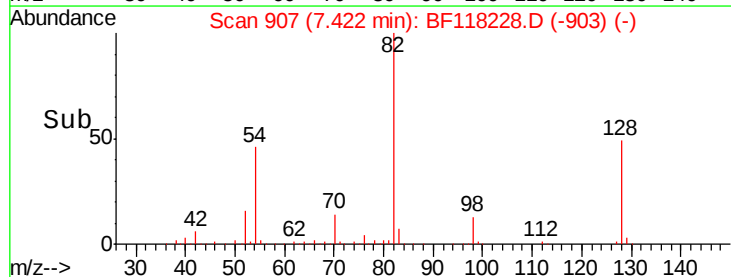
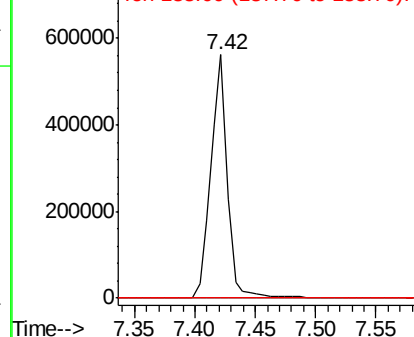


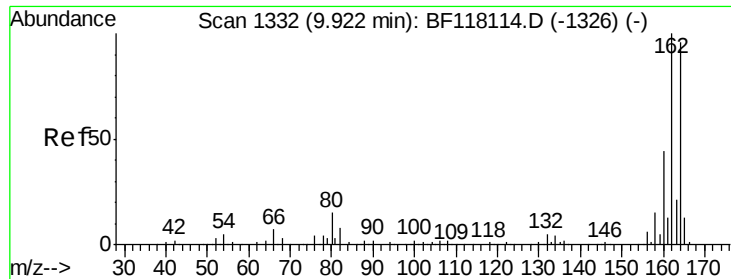
#25
 Isophorone
 Concen: 33.572 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.28 min
 Lab File: BF118228.D
 Acq: 17 Dec 2019 16:05

Tgt Ion: 82 Resp: 526866
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.3 9.5#
 138 0.0 16.3 24.5#



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# 1329

Delta R.T. -0.02 min

Lab File: BF118228.D

Acq: 17 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

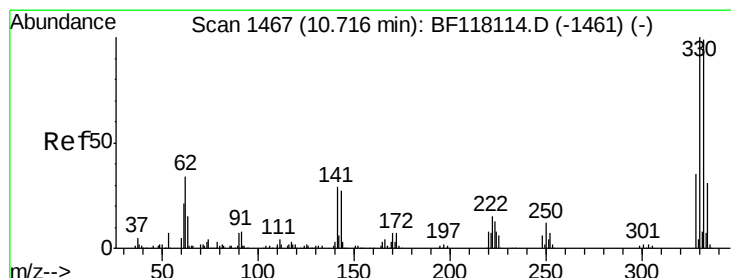
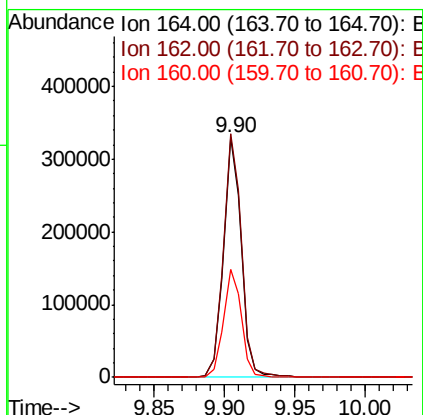
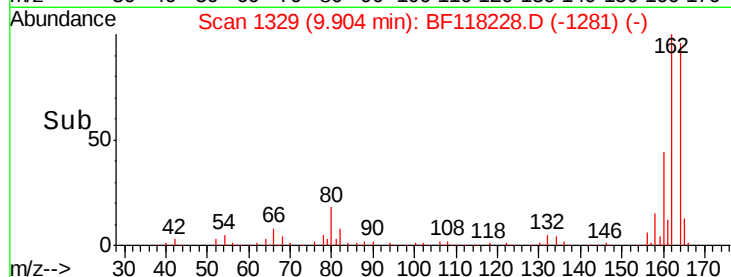
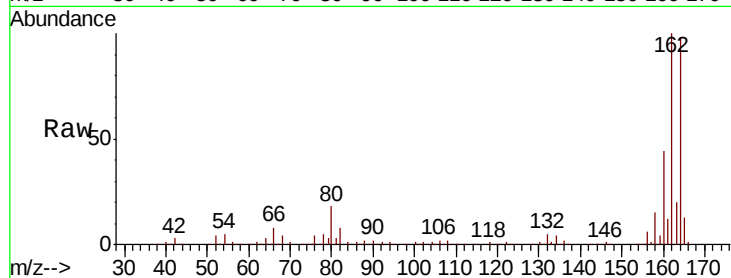
Tot Ion:164 Resp: 288931

Ion Ratio Lower Upper

164 100

162 101.6 83.4 125.0

160 45.2 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 96.415 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118228.D

Acq: 17 Dec 2019 16:05

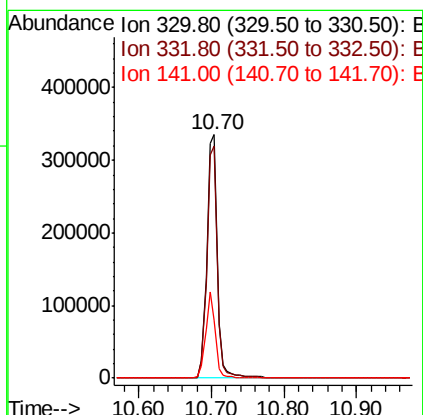
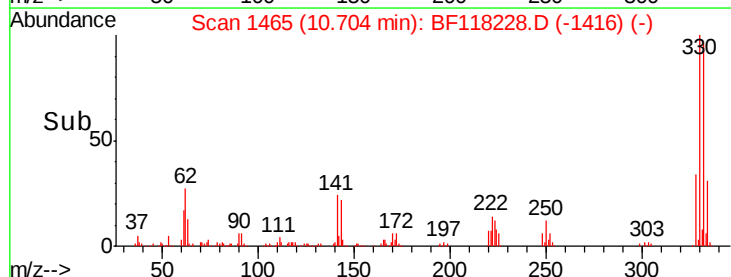
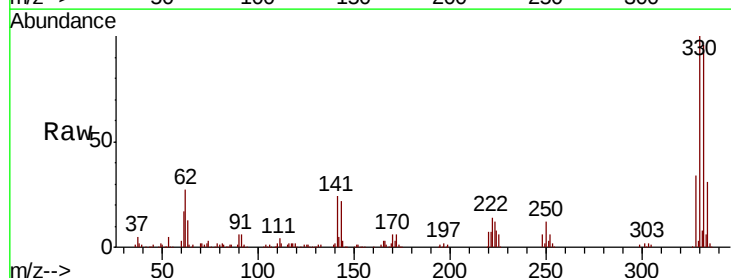
Tgt Ion:330 Resp: 338416

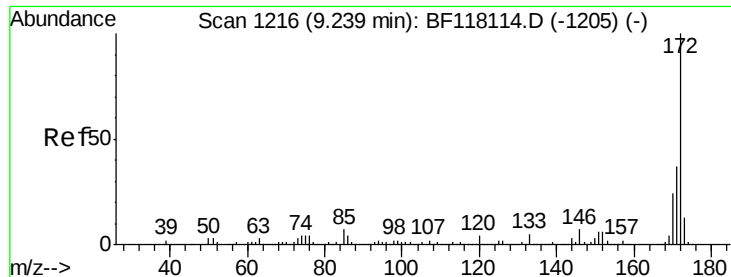
Ion Ratio Lower Upper

330 100

332 95.3 78.1 117.1

141 32.7 26.9 40.3

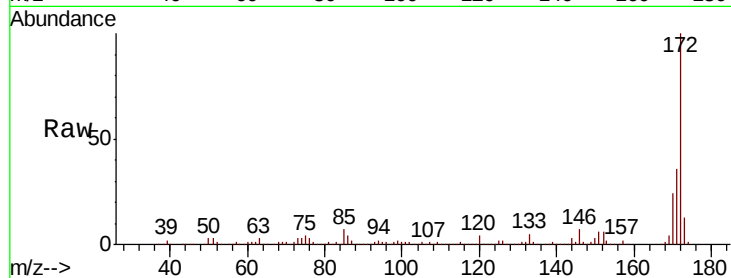




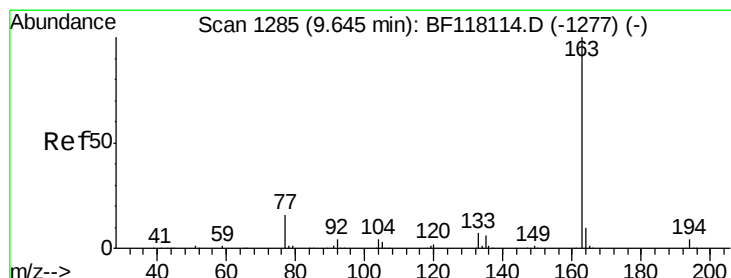
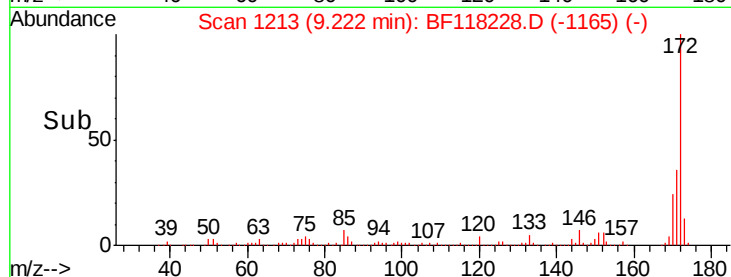
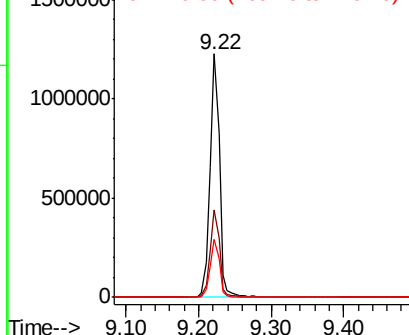
#45
2-Fluorobiphenyl
Concen: 58.586 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118228.D
Acq: 17 Dec 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1112439
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 23.9 19.4 29.2

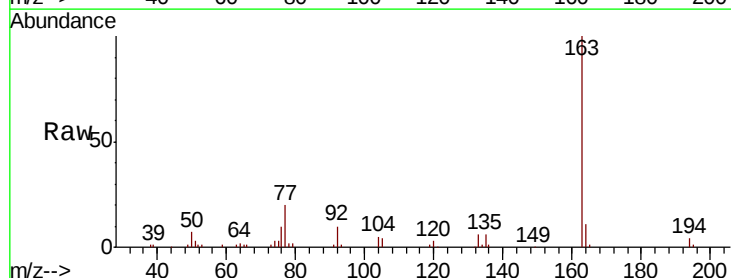


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

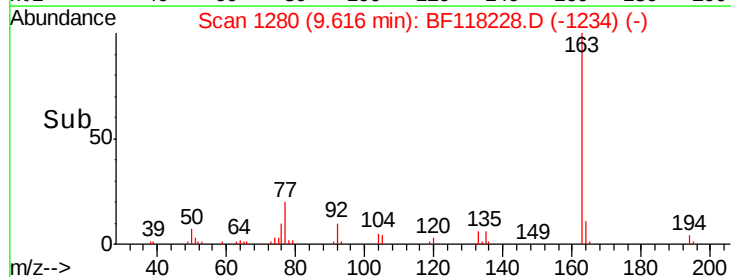
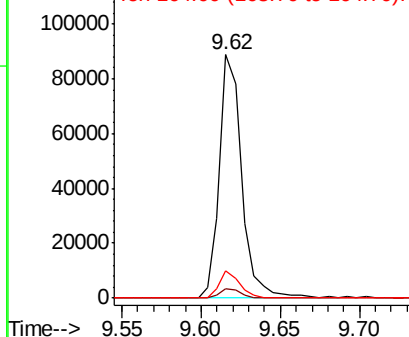


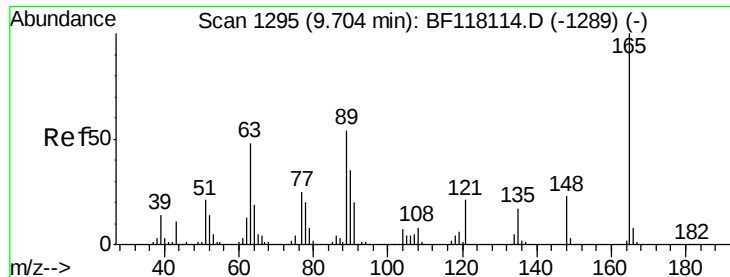
#50
Dimethylphthalate
Concen: 4.086 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BF118228.D
Acq: 17 Dec 2019 16:05

Tgt Ion:163 Resp: 87193
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 11.0 7.7 11.5



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

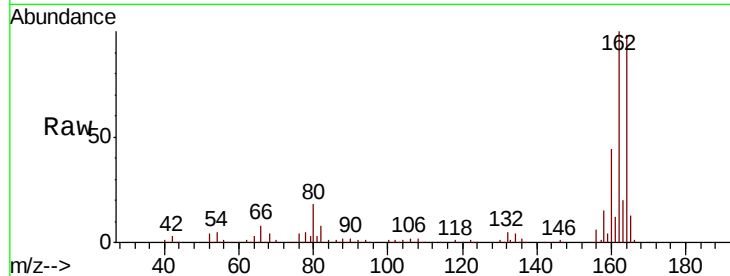




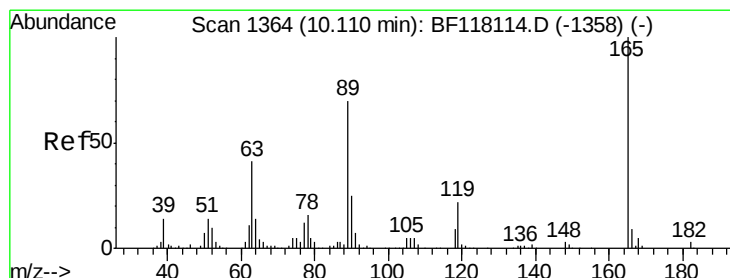
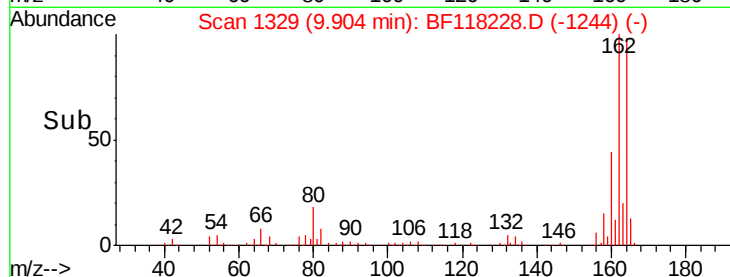
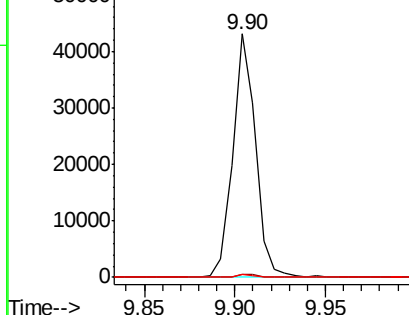
#51
 2,6-Dinitrotoluene
 Concen: 8.111 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.20 min
 Lab File: BF118228.D
 Acq: 17 Dec 2019 16:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	41.4	62.0#
89	1.3	42.9	64.3#



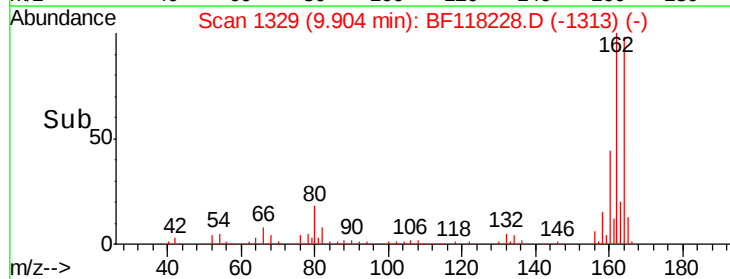
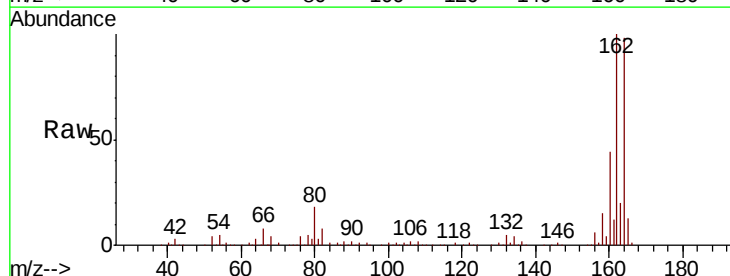
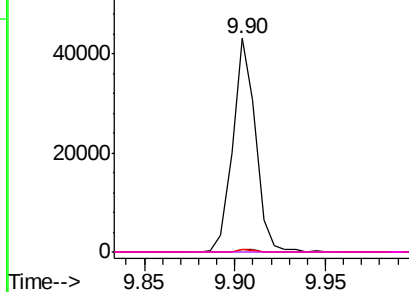
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

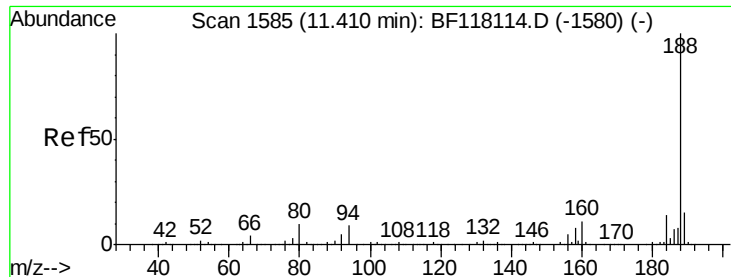


#57
 2,4-Dinitrotoluene
 Concen: 6.077 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF118228.D
 Acq: 17 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.6	49.0#
89	1.3	56.1	84.1#
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

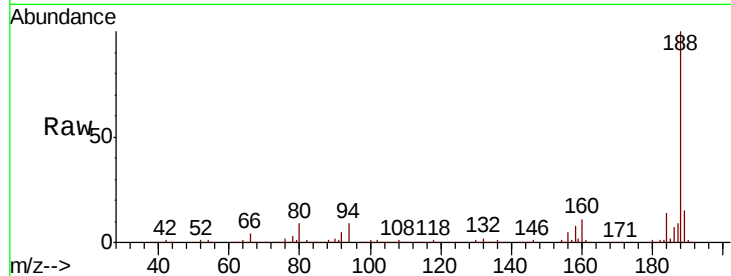




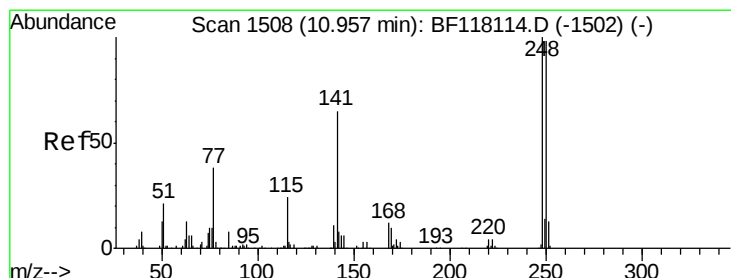
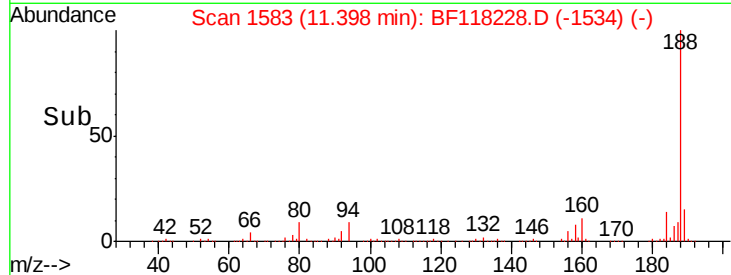
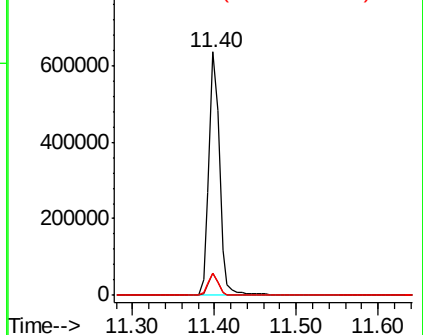
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF118228.D
 Acq: 17 Dec 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 578028
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.1 10.7
 80 9.2 7.9 11.9

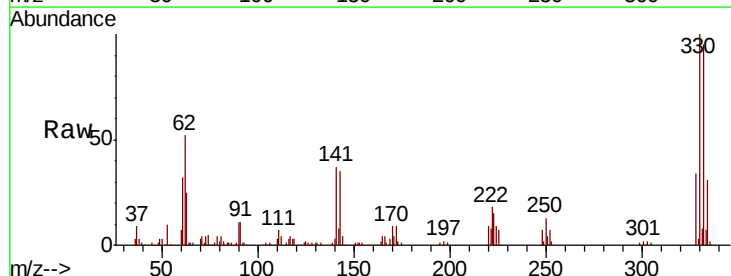


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

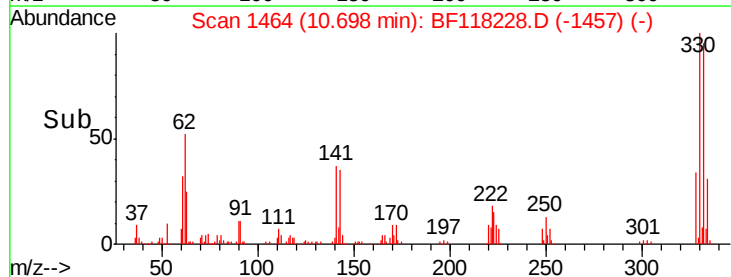
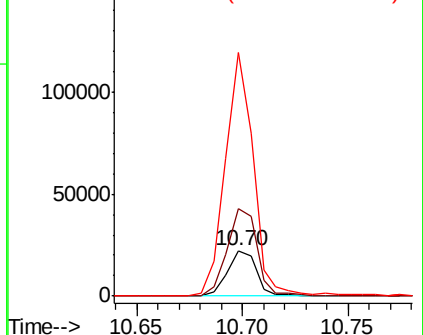


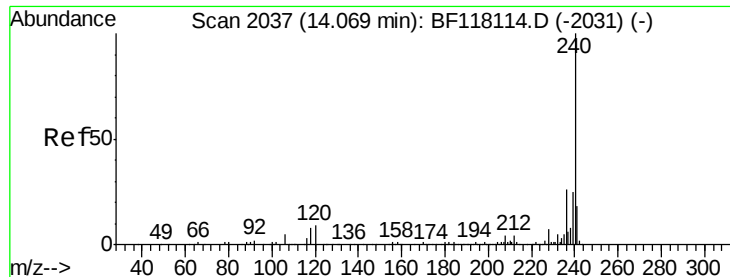
#67
 4-Bromophenyl-phenylether
 Concen: 3.184 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.26 min
 Lab File: BF118228.D
 Acq: 17 Dec 2019 16:05

Tgt Ion:248 Resp: 21009
 Ion Ratio Lower Upper
 248 100
 250 192.0 78.3 117.5#
 141 535.2 52.2 78.4#



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

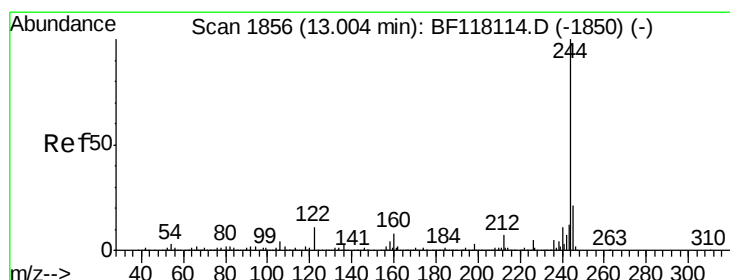
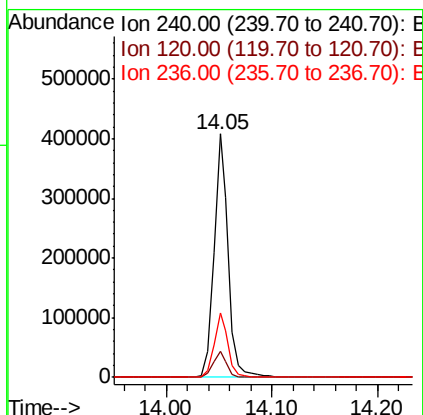
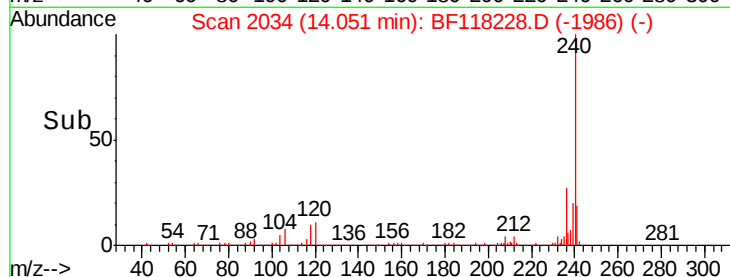
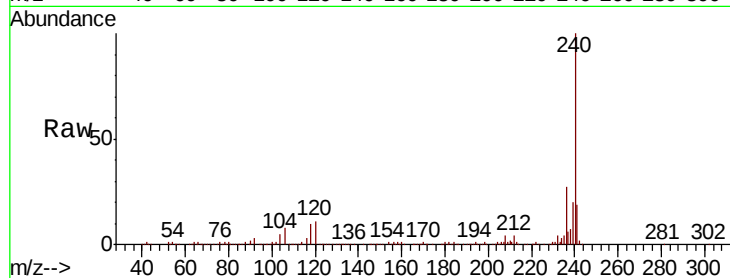




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF118228.D
 Acq: 17 Dec 2019 16:05

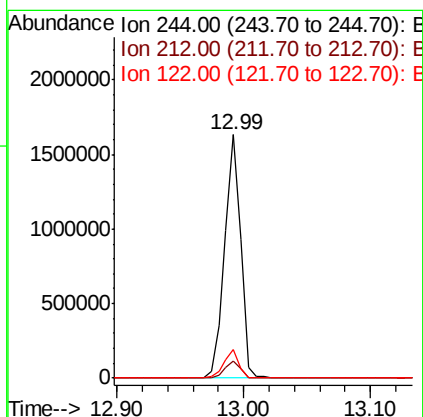
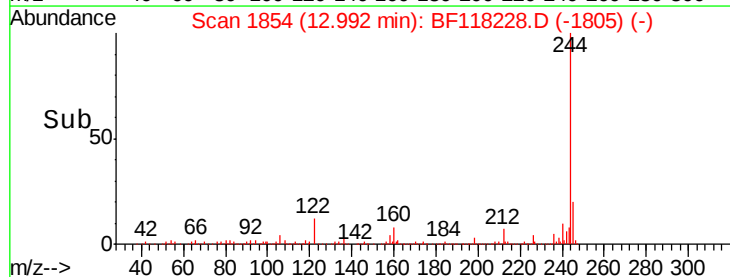
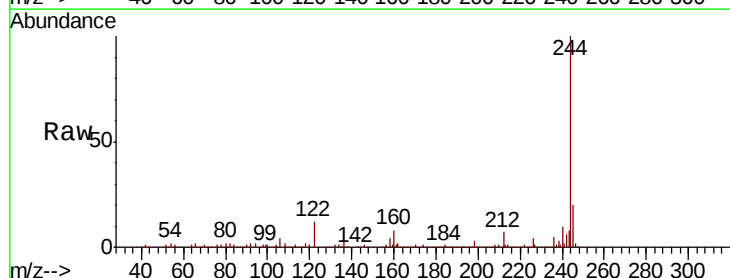
Instrument :
 BNA_F
 ClientSampleId :

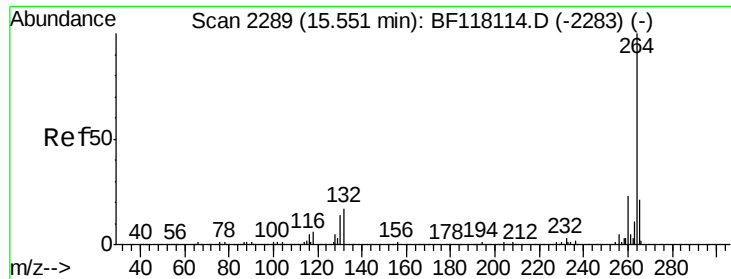
Tot Ion:240 Resp: 385176
 Ion Ratio Lower Upper
 240 100
 120 10.8 7.1 10.7#
 236 26.5 21.0 31.6



#79
 Terphenyl-d14
 Concen: 64.263 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF118228.D
 Acq: 17 Dec 2019 16:05

Tgt Ion:244 Resp: 1439422
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.5 9.0 13.6

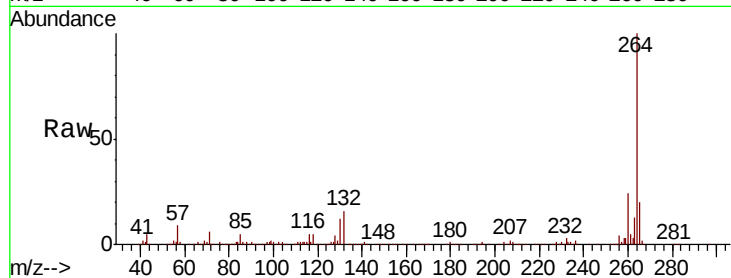




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BF118228.D
 Acq: 17 Dec 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	20.3	16.8	25.2



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

