

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116590.D
 Acq On : 27 Aug 2019 18:45
 Operator : HP/JU
 Sample : K4092-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 06:37:00 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

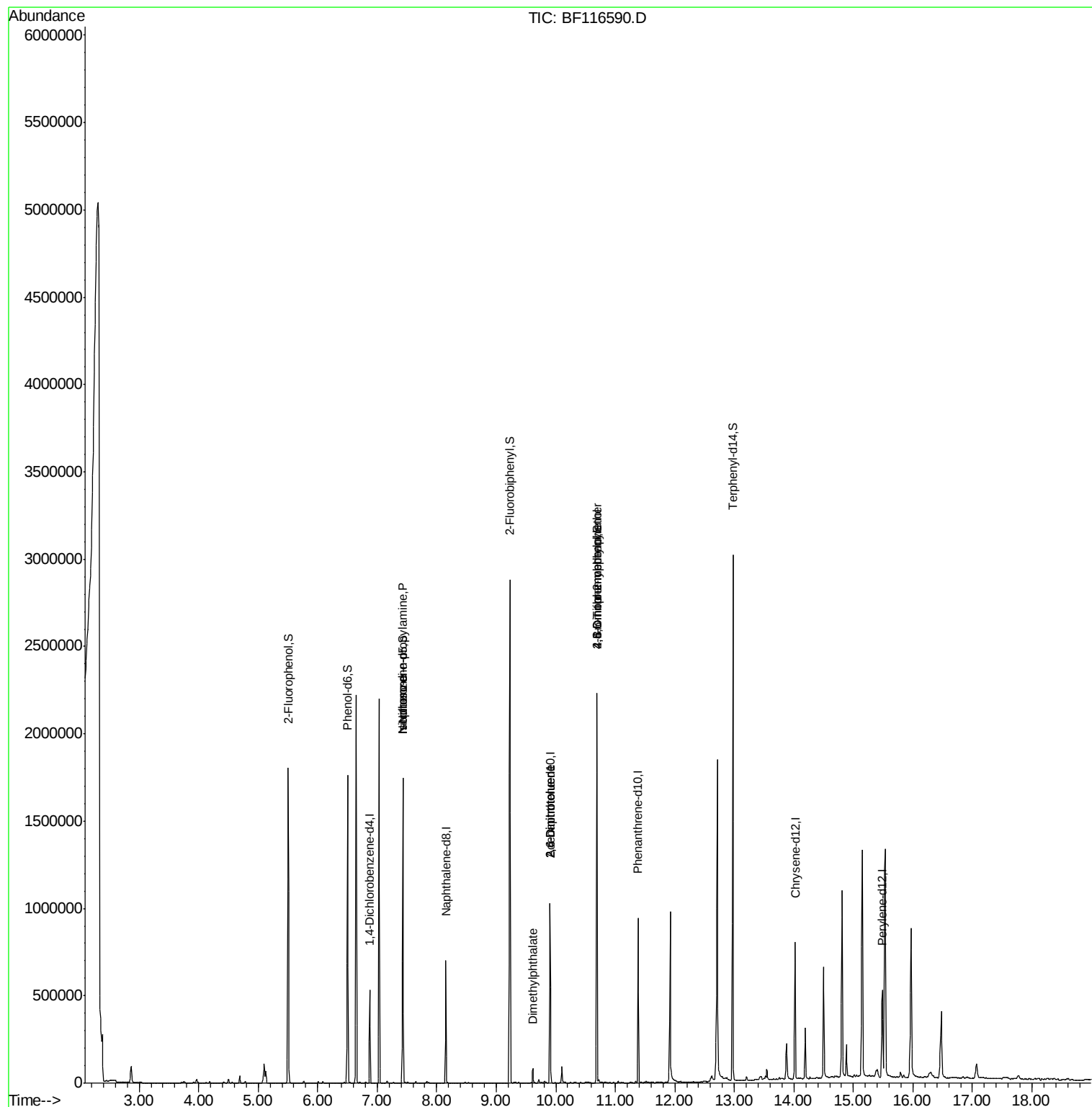
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	66908	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	322040	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	184960	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	305809	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	239558	20.00	ng	-0.01
87) Perylene-d12	15.49	264	225549	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	487005	106.35	ng	0.00
7) Phenol-d6	6.50	99	580575	103.40	ng	0.00
23) Nitrobenzene-d5	7.43	82	555487	94.37	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	243129	153.08	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	843592	73.45	ng	-0.01
79) Terphenyl-d14	12.97	244	970997	75.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	75254	19.642	ng	# 78
25) Isophorone	7.43	82	555474	47.886	ng	# 67
50) Dimethylphthalate	9.62	163	30426	2.358	ng	# 99
51) 2,6-Dinitrotoluene	9.90	165	23548	8.915	ng	# 25
57) 2,4-Dinitrotoluene	9.90	165	23548	7.006	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.69	198	451	7.312	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	16325	5.092	ng	# 1

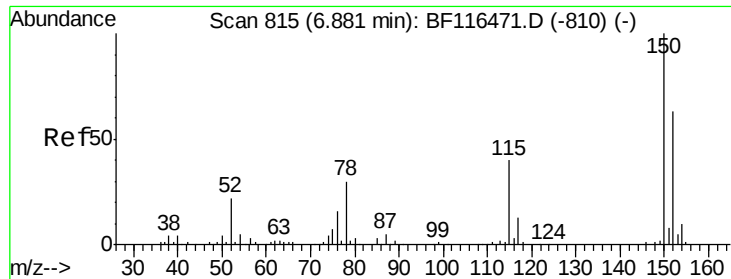
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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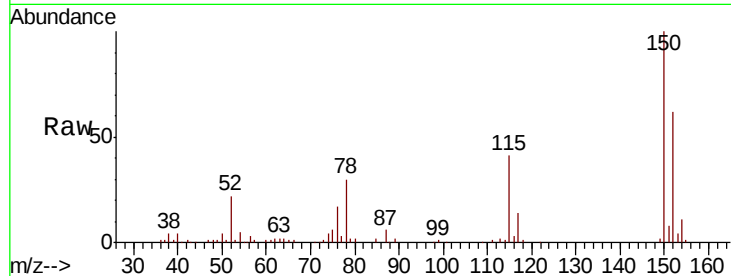


#1

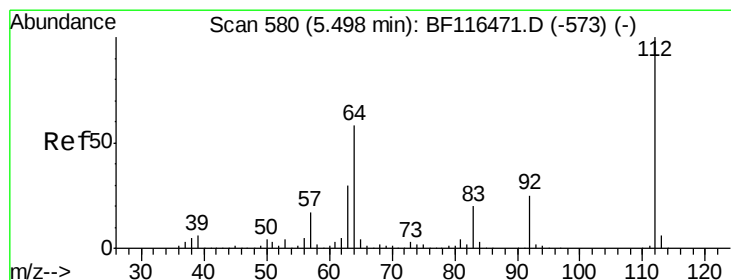
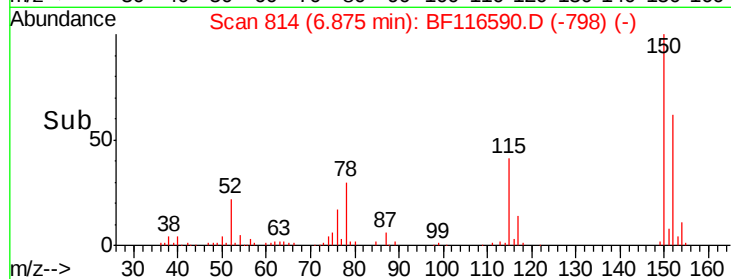
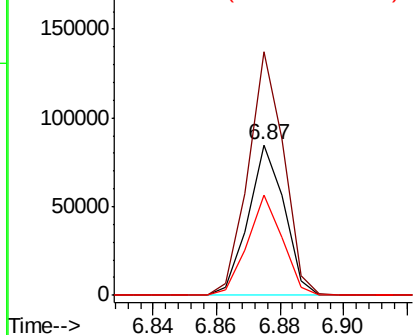
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF116590.D
Acq: 27 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66908
Ion Ratio Lower Upper
152 100
150 161.5 126.7 190.1
115 66.2 50.9 76.3



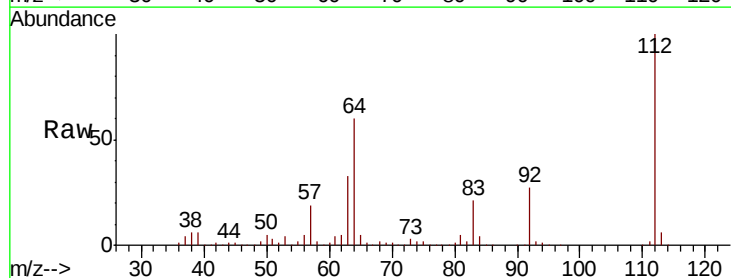
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



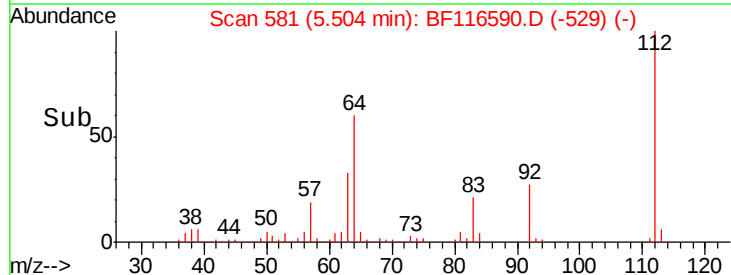
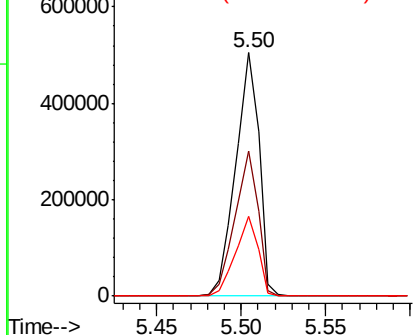
#5

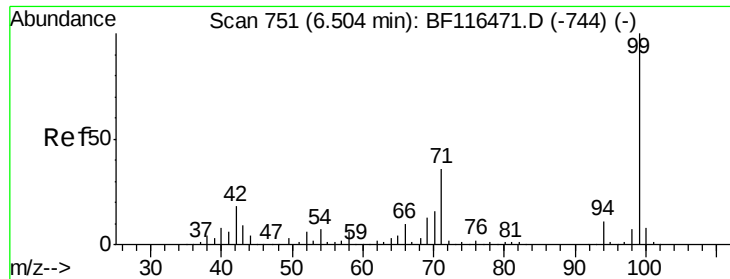
2-Fluorophenol
Concen: 106.353 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF116590.D
Acq: 27 Aug 2019 18:45

Tgt Ion:112 Resp: 487005
Ion Ratio Lower Upper
112 100
64 59.7 46.3 69.5
63 32.7 24.2 36.4



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: 103.403 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116590.D

Acq: 27 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

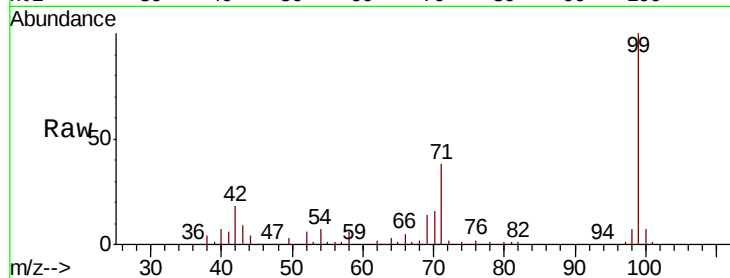
Tot Ion: 99 Resp: 580575

Ion Ratio Lower Upper

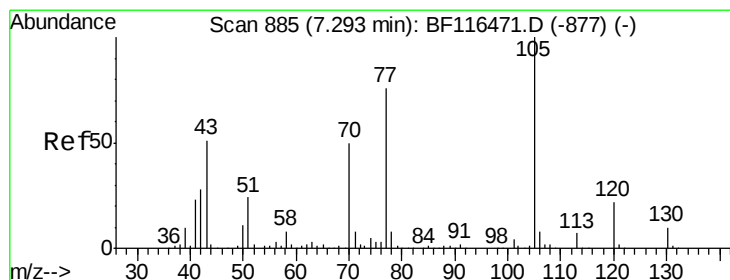
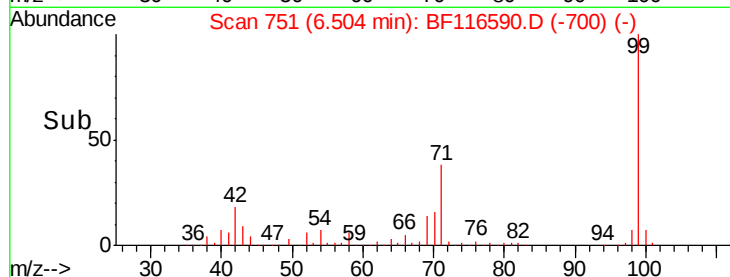
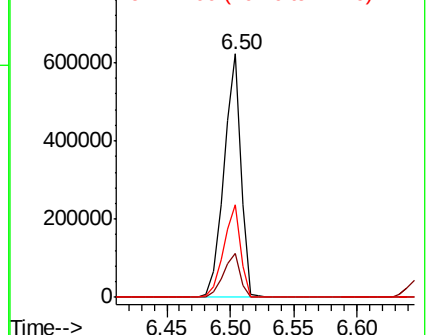
99 100

42 18.1 14.6 21.8

71 38.2 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: 19.642 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF116590.D

Acq: 27 Aug 2019 18:45

Tgt Ion: 70 Resp: 75254

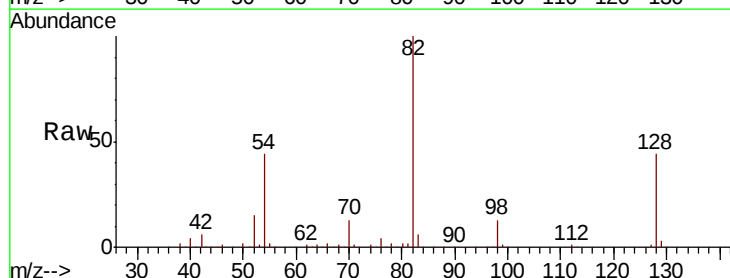
Ion Ratio Lower Upper

70 100

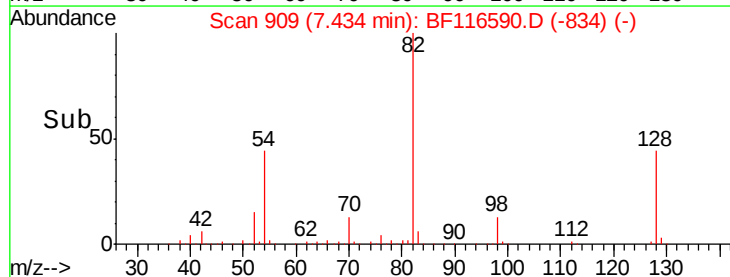
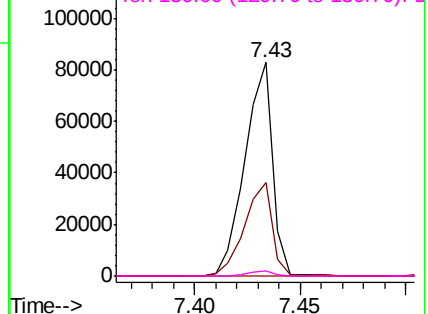
42 44.0 44.4 66.6#

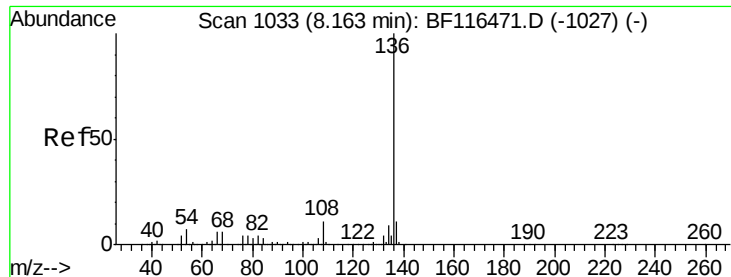
101 0.0 7.1 10.7#

130 2.3 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

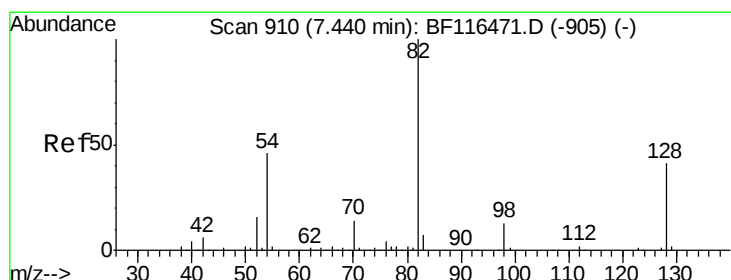
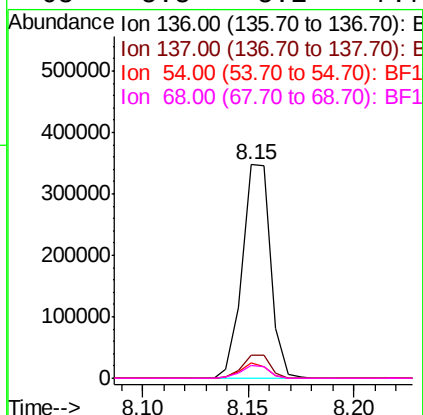
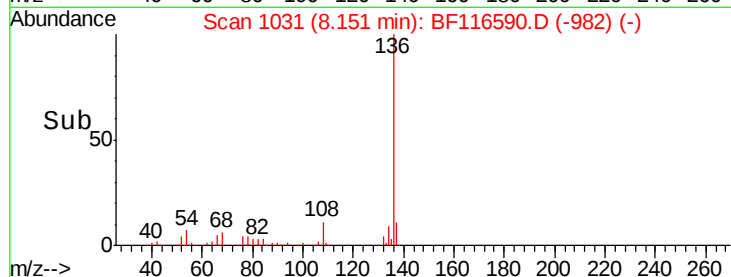
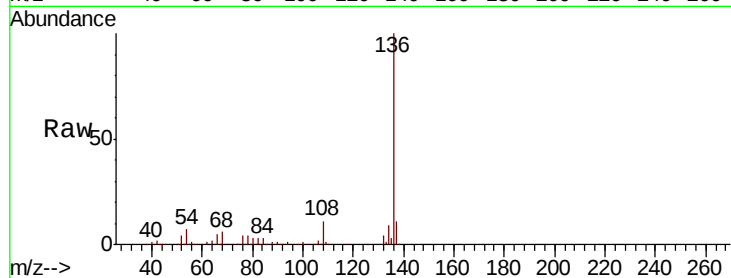




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116590.D
Acq: 27 Aug 2019 18:45

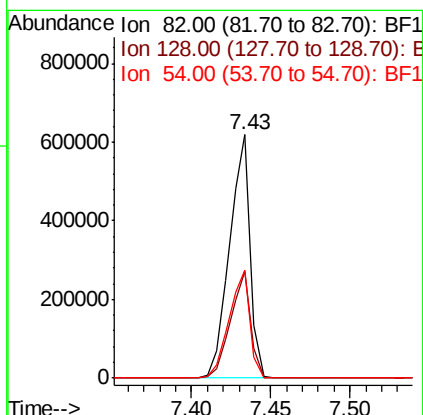
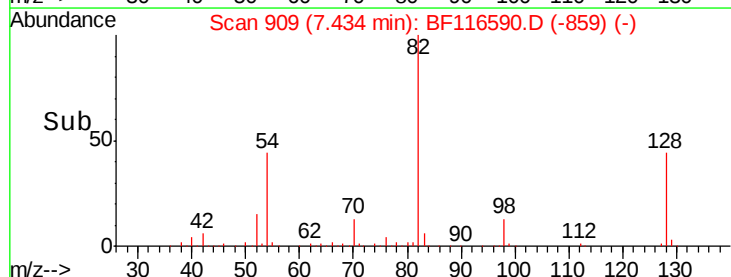
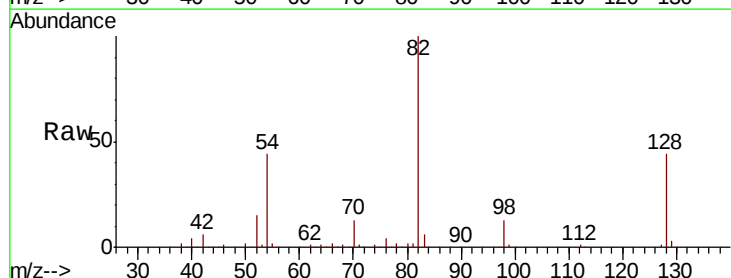
Instrument :
BNA_F
ClientSampleId :

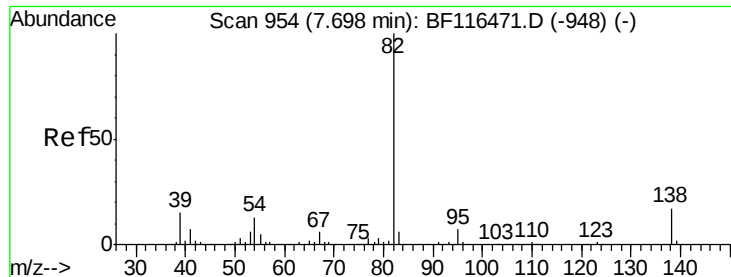
Tot Ion:136	Resp:	322040
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.0 13.4
54	7.1	5.8 8.6
68	5.8	5.1 7.7



#23
Nitrobenzene-d5
Concen: 94.369 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF116590.D
Acq: 27 Aug 2019 18:45

Tgt Ion: 82	Resp:	555487
Ion	Ratio	Lower Upper
82	100	
128	43.9	32.2 48.4
54	44.4	36.5 54.7





#25

Isophorone

Concen: 47.886 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF116590.D

Acq: 27 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

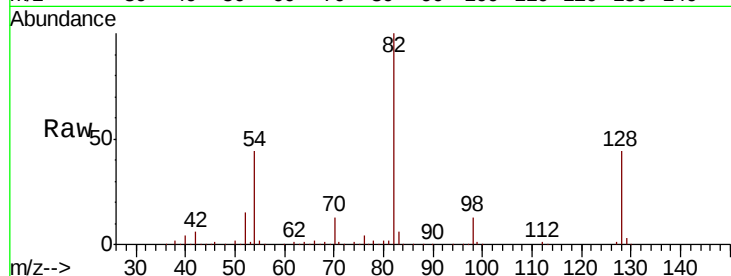
Tot Ion: 82 Resp: 555474

Ion Ratio Lower Upper

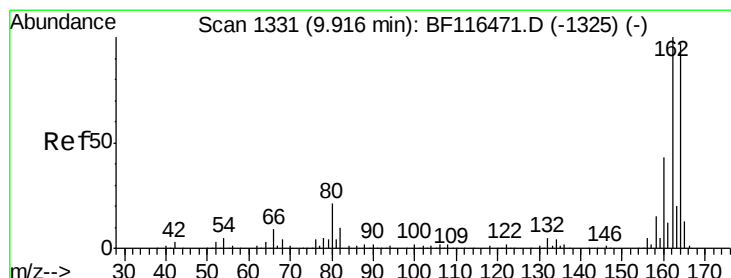
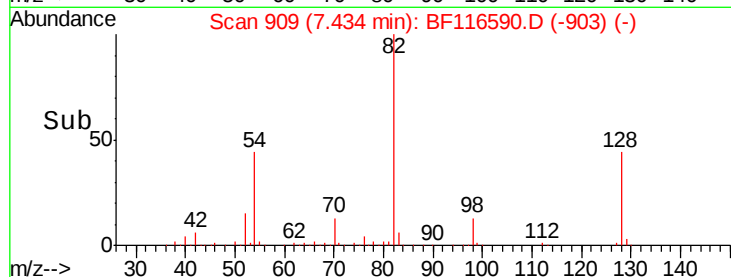
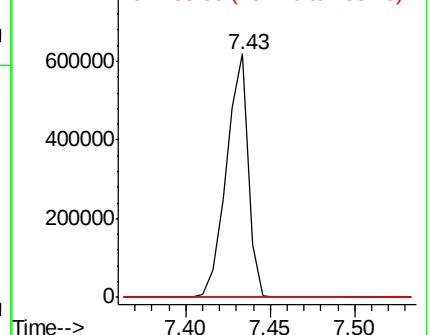
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF116590.D

Acq: 27 Aug 2019 18:45

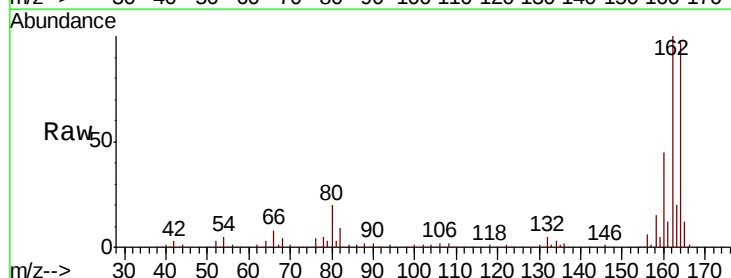
Tgt Ion: 164 Resp: 184960

Ion Ratio Lower Upper

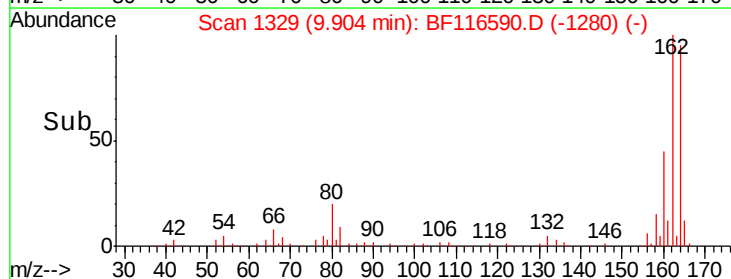
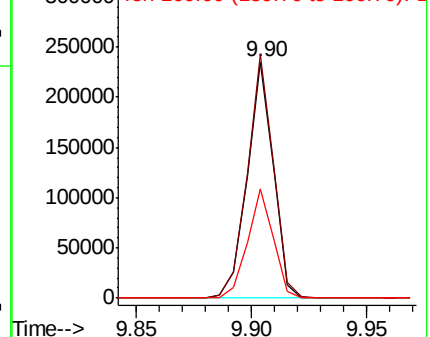
164 100

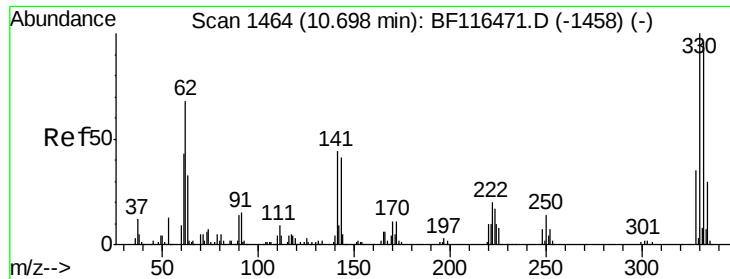
162 103.1 82.6 123.8

160 46.3 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

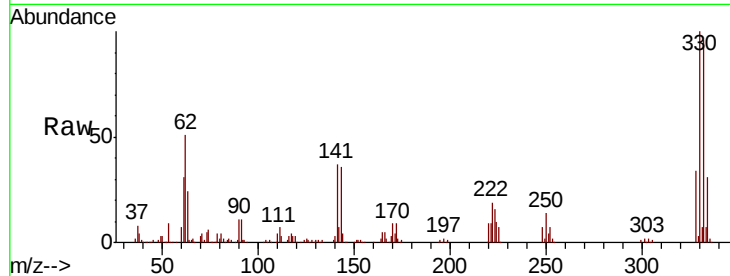




#42
 2,4,6-Tribromophenol
 Concen: 153.085 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF116590.D
 Acq: 27 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.2	115.8
141	38.9	33.3	49.9

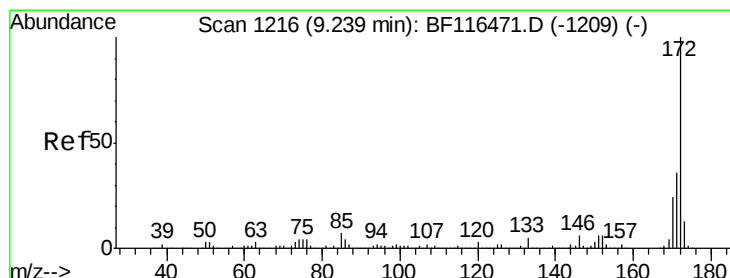
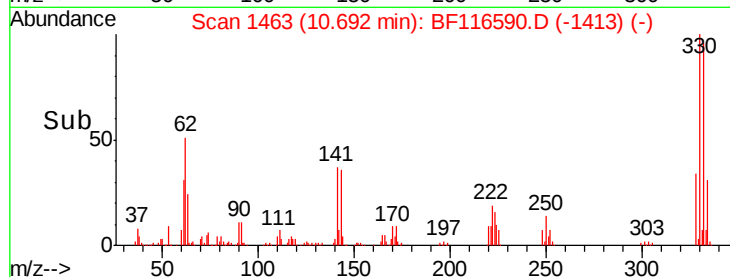
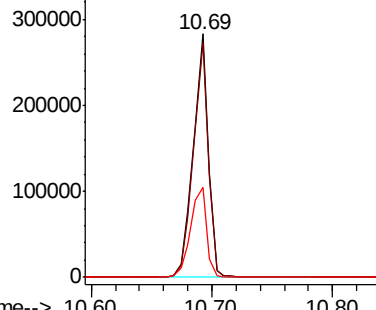


Abundance

Ion 329.80 (329.50 to 330.50): E

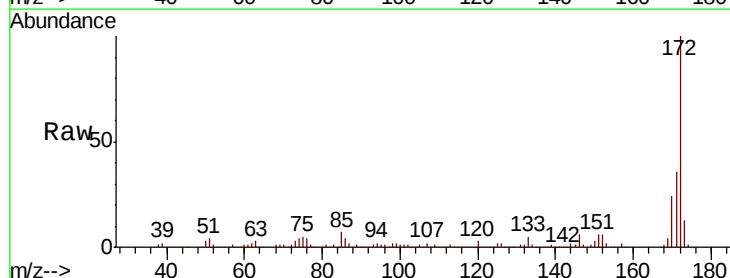
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 73.450 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF116590.D
 Acq: 27 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.9	19.4	29.0

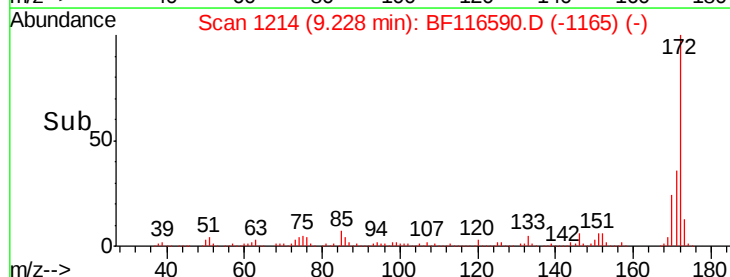
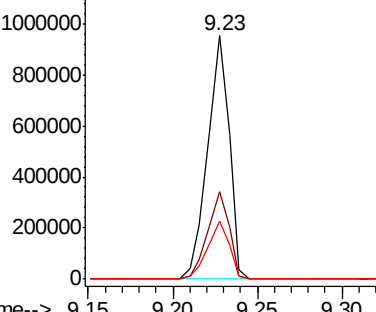


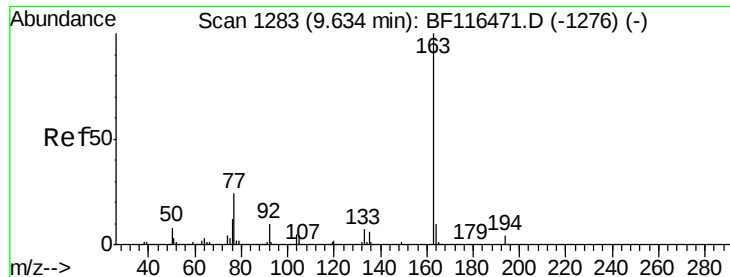
Abundance

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

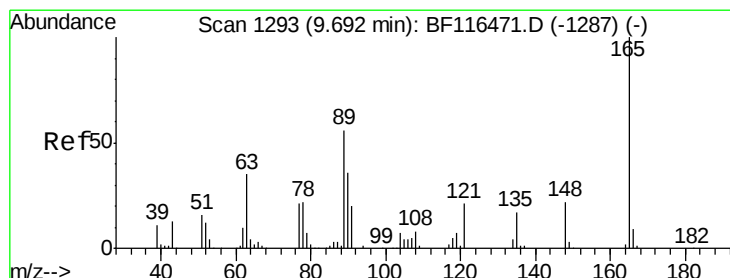
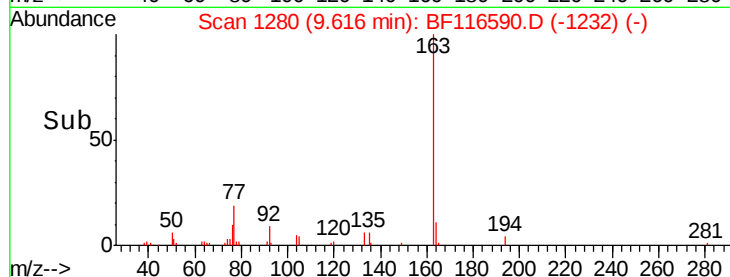
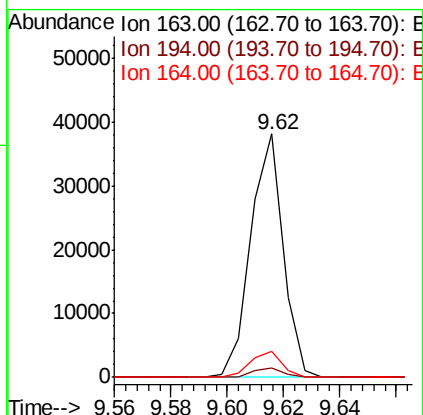
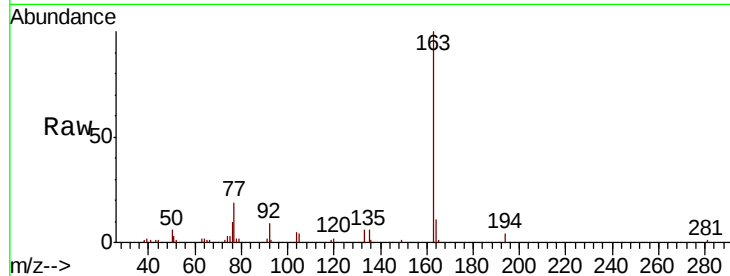




#50
Dimethylphthalate
Concen: 2.358 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF116590.D
Acq: 27 Aug 2019 18:45

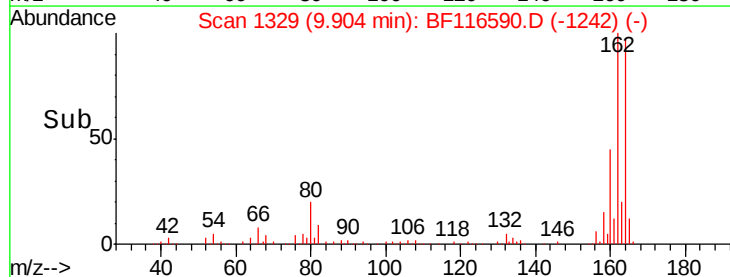
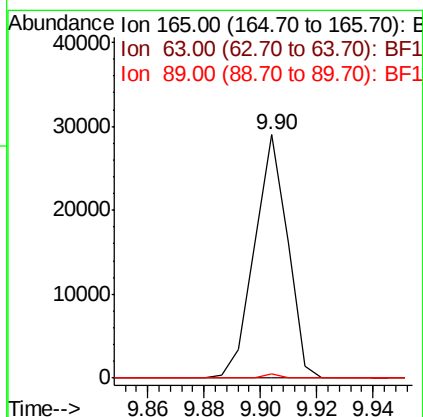
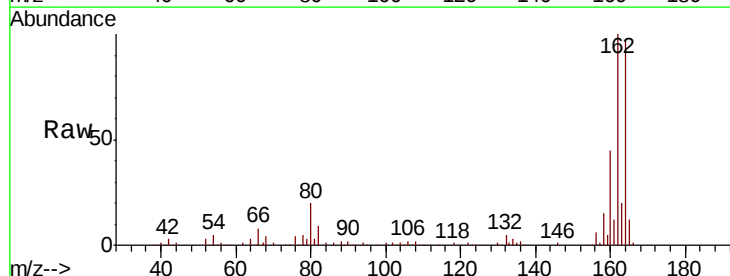
Instrument :
BNA_F
ClientSampleId :

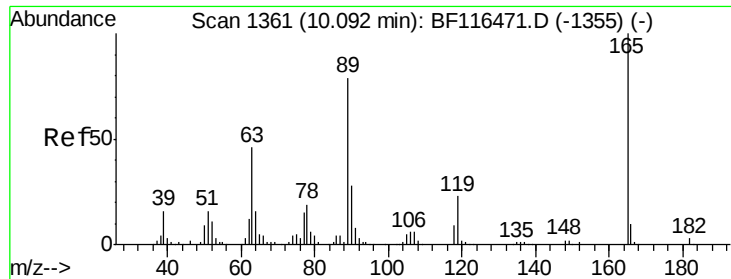
Tot Ion:163 Resp: 30426
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.9 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.915 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.21 min
Lab File: BF116590.D
Acq: 27 Aug 2019 18:45

Tgt Ion:165 Resp: 23548
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 1.5 45.1 67.7#

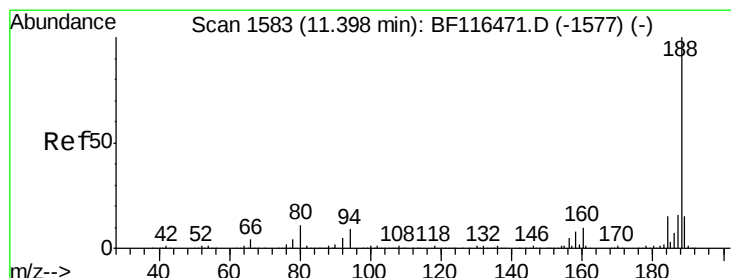
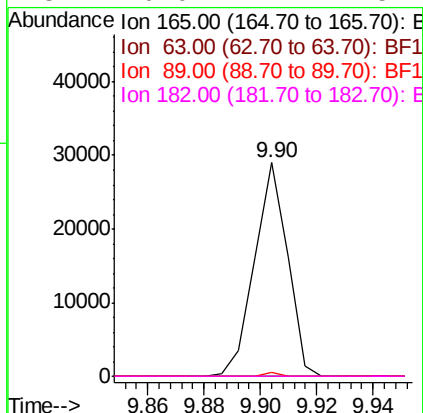
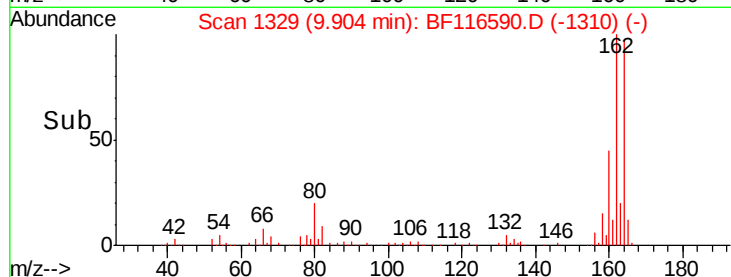
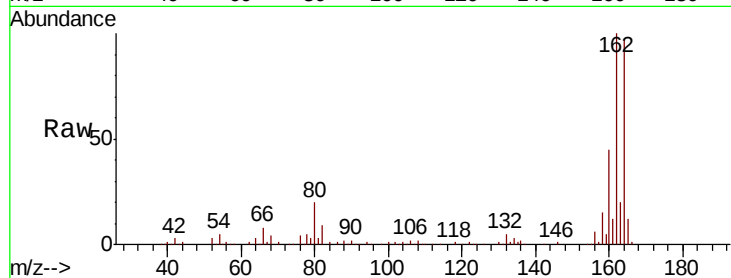




#57
2,4-Dinitrotoluene
Concen: 7.006 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF116590.D
Acq: 27 Aug 2019 18:45

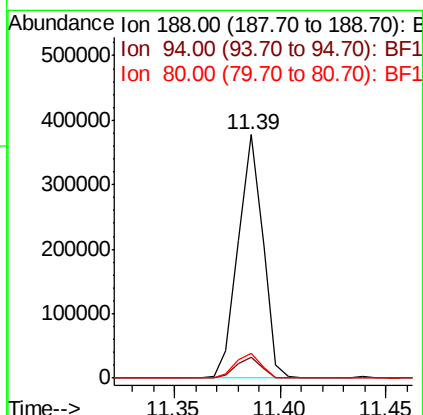
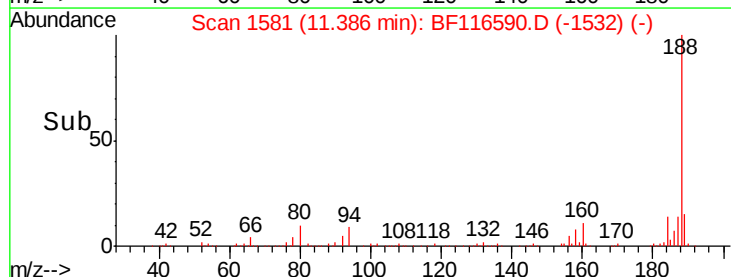
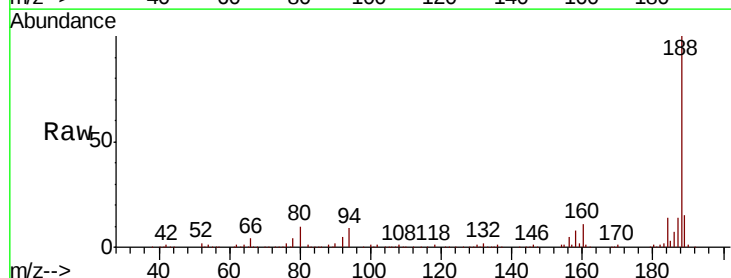
Instrument :
BNA_F
ClientSampleId :

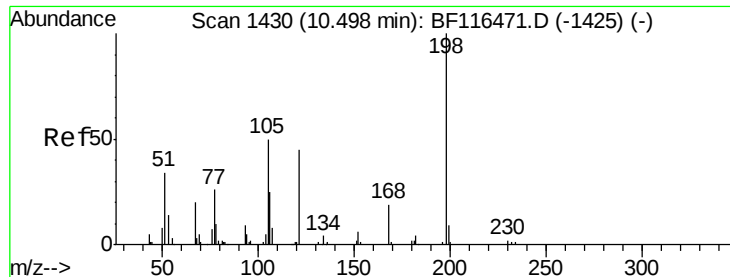
Tot Ion:165	Resp:	23548
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.9 55.3#
89	1.5	63.4 95.0#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116590.D
Acq: 27 Aug 2019 18:45

Tgt Ion:188	Resp:	305809
Ion Ratio	Lower	Upper
188	100	
94	8.7	7.4 11.2
80	10.4	8.6 12.8





#65

4,6-Dinitro-2-methylphenol

Concen: 7.312 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.19 min

Lab File: BF116590.D

Acq: 27 Aug 2019 18:45

Instrument :

BNA_F

ClientSampled :

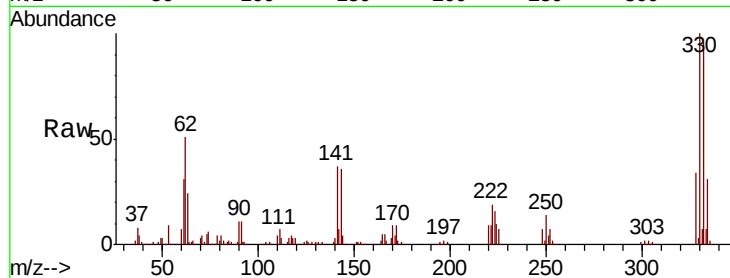
Tot Ion:198 Resp: 451

Ion Ratio Lower Upper

198 100

51 182.4 30.4 70.4#

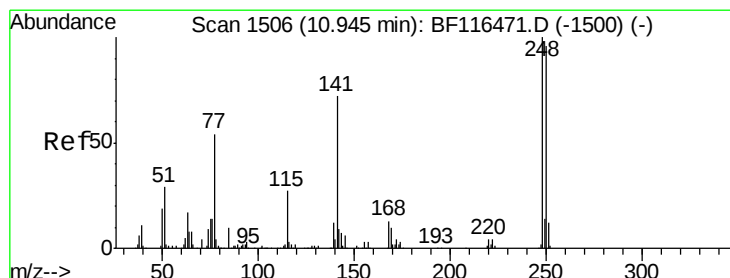
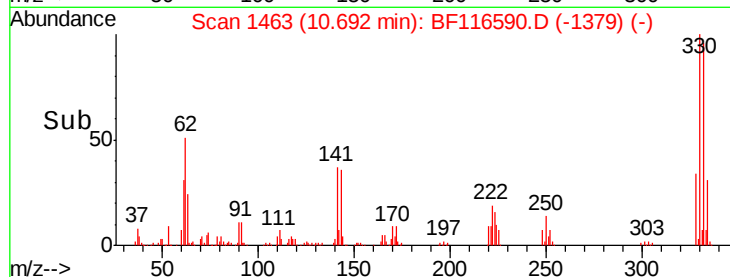
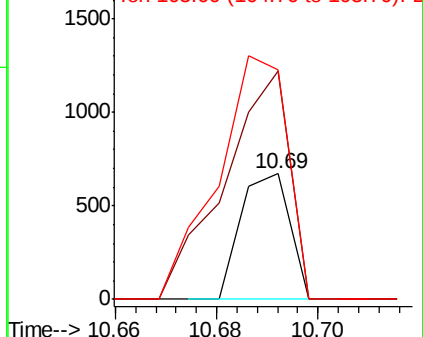
105 182.9 32.8 72.8#



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: 5.092 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.25 min

Lab File: BF116590.D

Acq: 27 Aug 2019 18:45

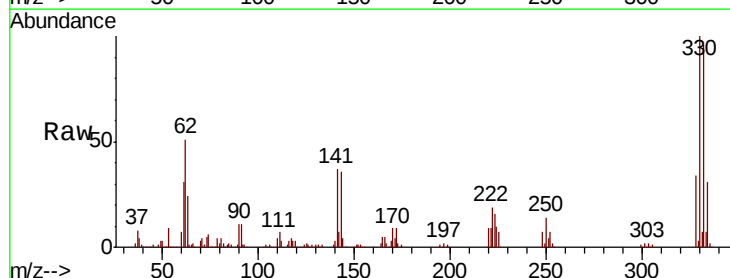
Tgt Ion:248 Resp: 16325

Ion Ratio Lower Upper

248 100

250 200.7 77.0 115.6#

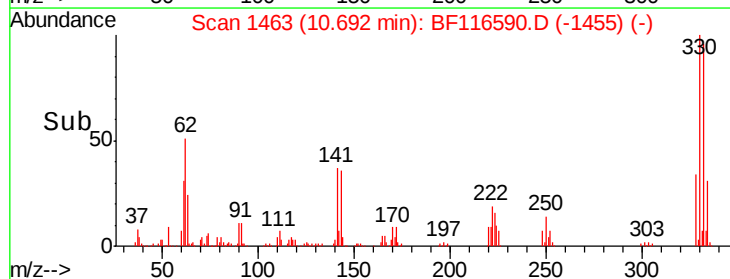
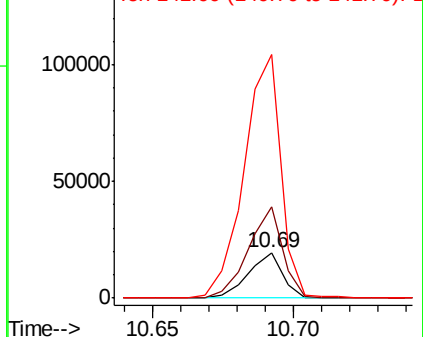
141 538.5 57.4 86.0#

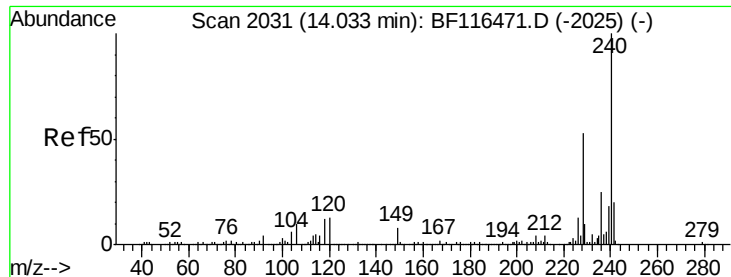


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF116590.D

Acq: 27 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

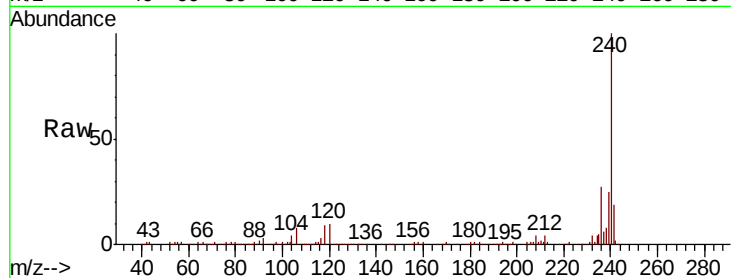
Tot Ion:240 Resp: 239558

Ion Ratio Lower Upper

240 100

120 10.5 10.5 15.7#

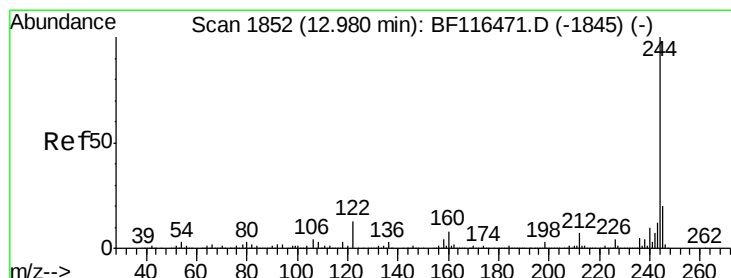
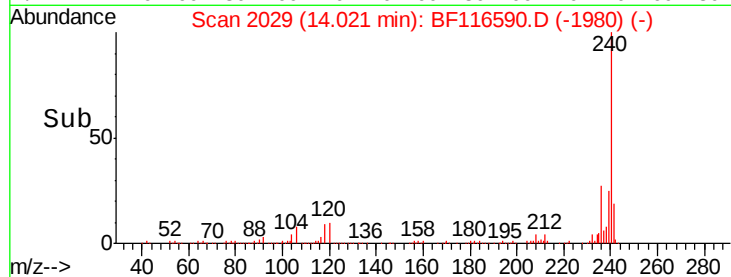
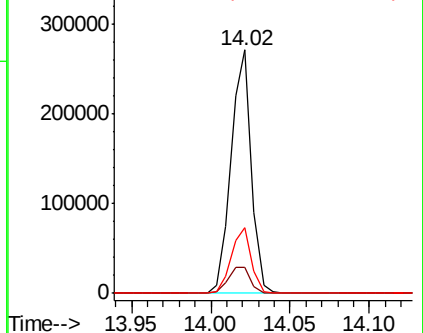
236 26.8 20.2 30.2



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: 75.711 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF116590.D

Acq: 27 Aug 2019 18:45

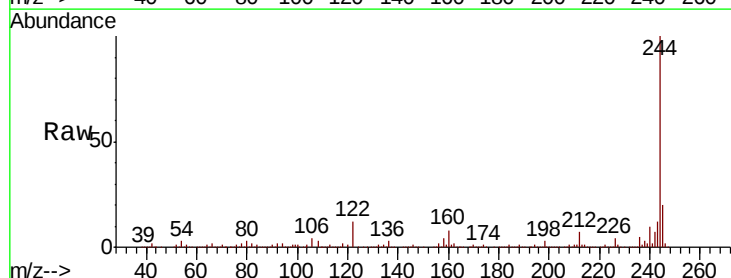
Tgt Ion:244 Resp: 970997

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

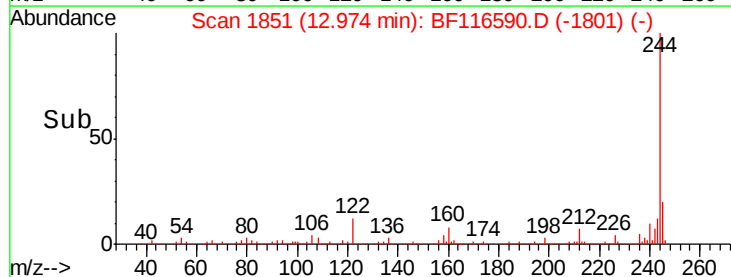
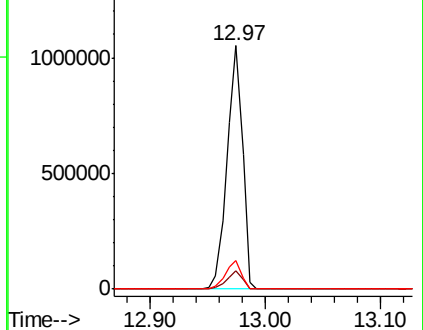
122 12.0 10.2 15.4

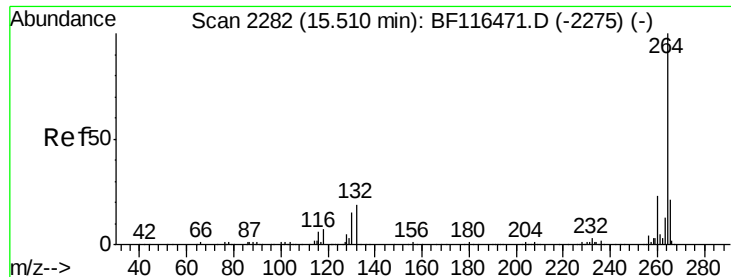


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF116590.D
Acq: 27 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	20.5	17.1	25.7

