

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116511.D
 Acq On : 24 Aug 2019 9:36
 Operator : HP/JU
 Sample : K4461-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 02:06:40 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	146730	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	532611	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	257162	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	411559	20.00	ng	0.00
76) Chrysene-d12	14.03	240	276244	20.00	ng	0.00
87) Perylene-d12	15.50	264	254784	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1121662	111.70	ng	0.02
7) Phenol-d6	6.52	99	1511966	122.79	ng	0.01
23) Nitrobenzene-d5	7.45	82	944344	97.00	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	250013	113.22	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1651693	103.43	ng	0.00
79) Terphenyl-d14	12.99	244	1478696	99.99	ng	0.00

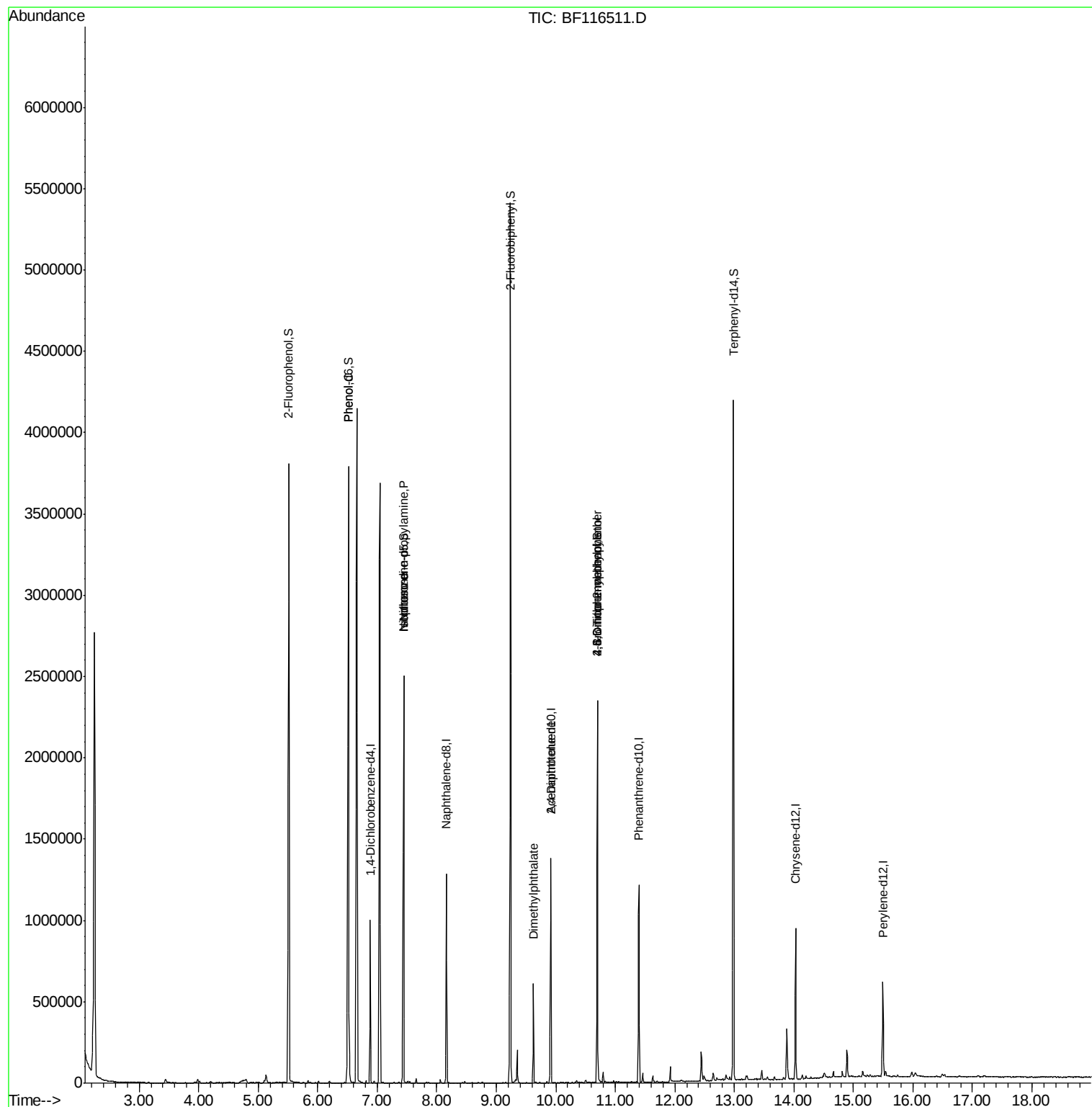
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	56095	4.195	ng	# 56
19) n-Nitroso-di-n-propylamine	7.45	70	128834	15.334	ng	# 77
25) Isophorone	7.45	82	941878	49.095	ng	# 67
50) Dimethylphthalate	9.62	163	235118	13.104	ng	# 99
57) 2,4-Dinitrotoluene	9.92	165	33463	7.161	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.70	198	591	7.304	ng	# 1
67) 4-Bromophenyl-phenylether	10.70	248	16272	3.771	ng	# 1

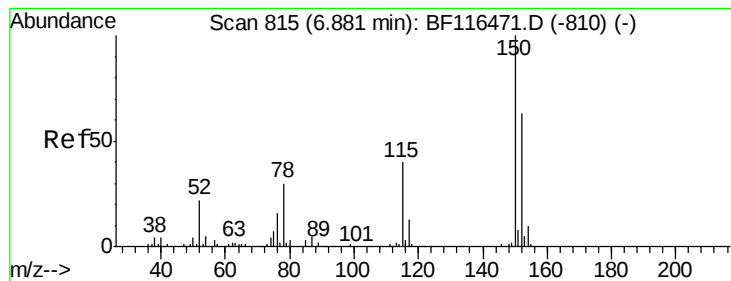
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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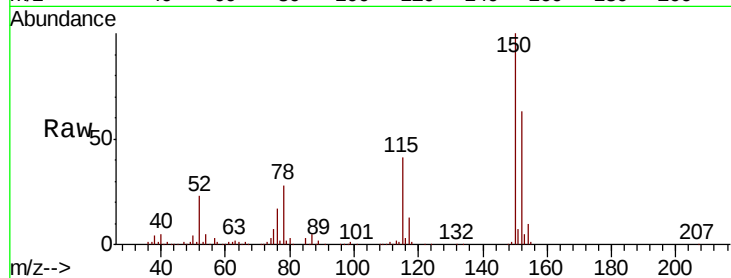


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.7	190.1
115	65.3	50.9	76.3

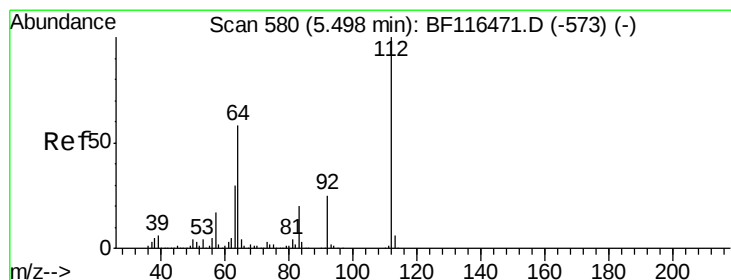
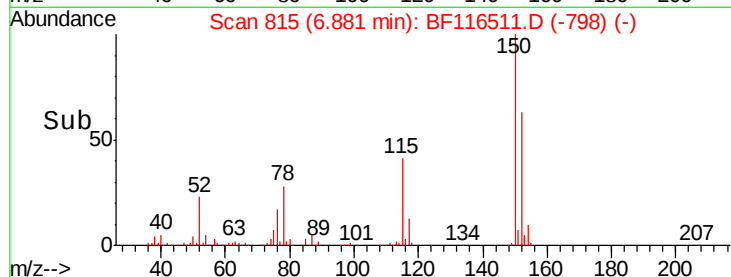
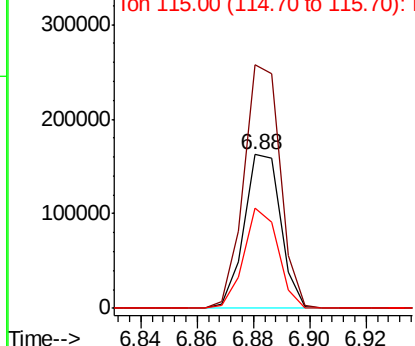


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

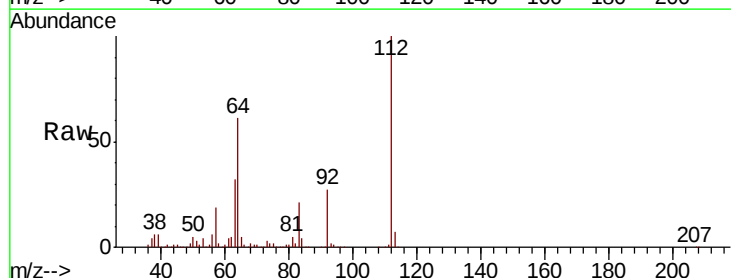
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 111.696 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.3	69.5
63	32.2	24.2	36.4

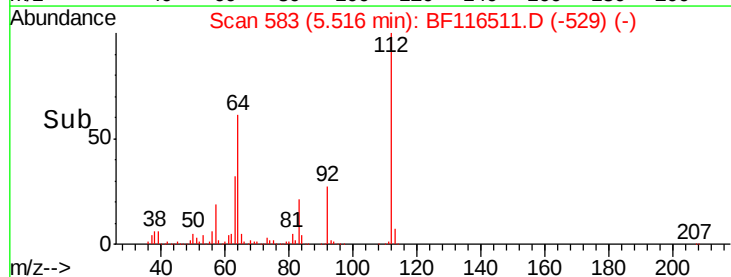
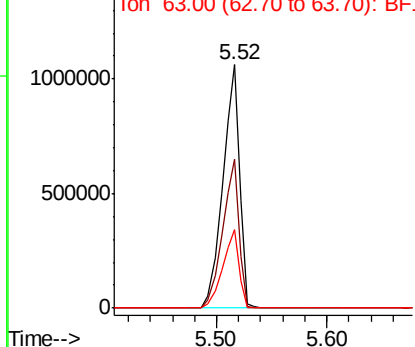


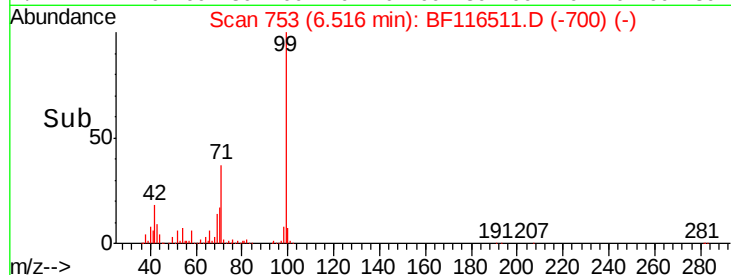
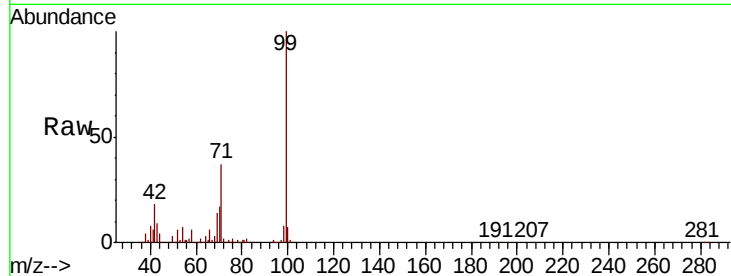
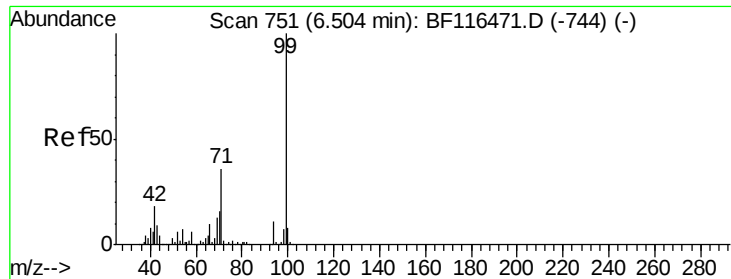
Abundance

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: 122.793 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116511.D

Acq: 24 Aug 2019 9:36

Instrument :

BNA_F

ClientSampleId :

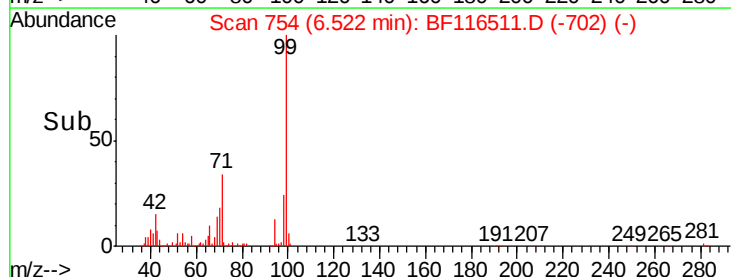
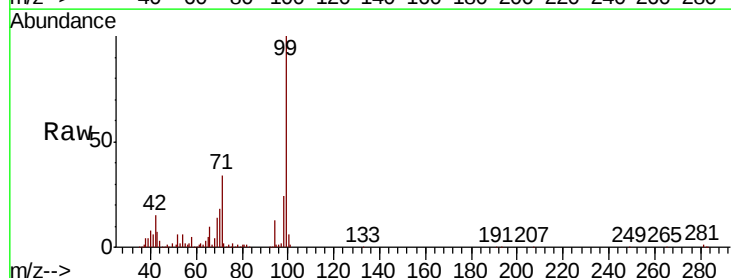
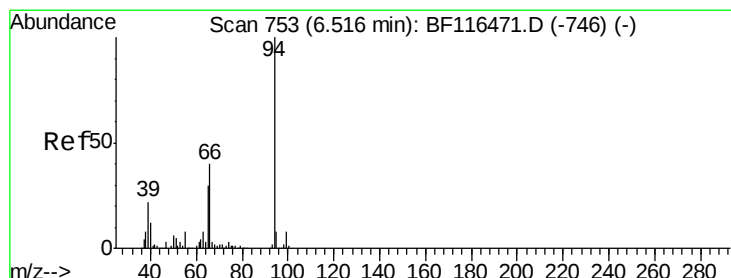
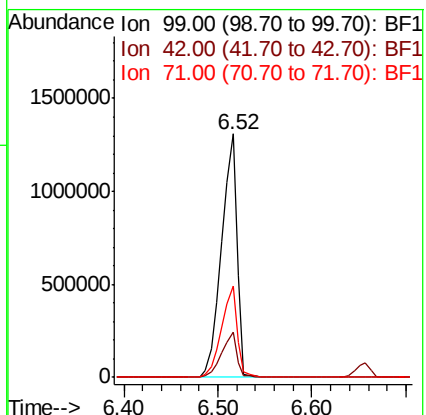
Tot Ion: 99 Resp: 1511966

Ion Ratio Lower Upper

99 100

42 18.4 14.6 21.8

71 37.3 28.5 42.7



#10

Phenol

Concen: 4.195 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF116511.D

Acq: 24 Aug 2019 9:36

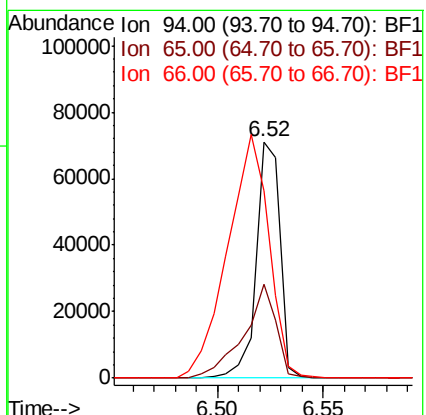
Tgt Ion: 94 Resp: 56095

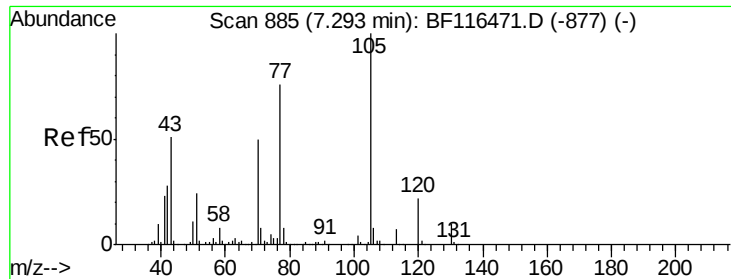
Ion Ratio Lower Upper

94 100

65 39.7 10.0 50.0

66 79.4 19.8 59.8#

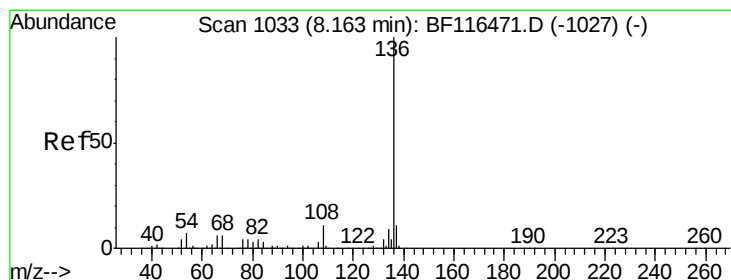
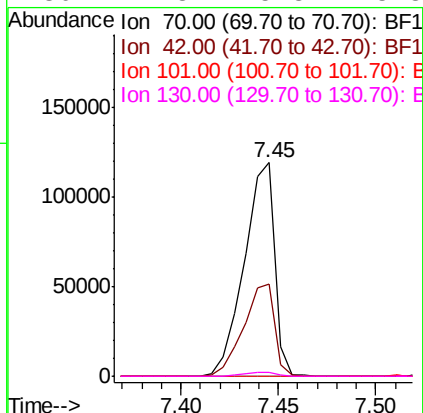
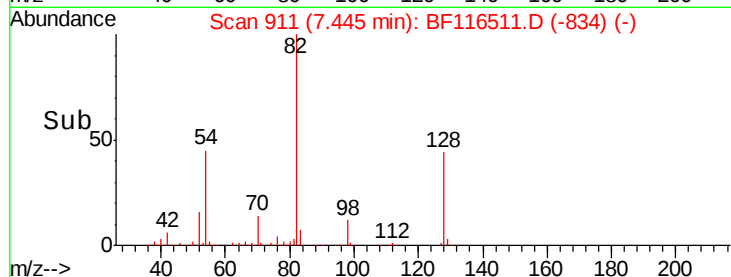
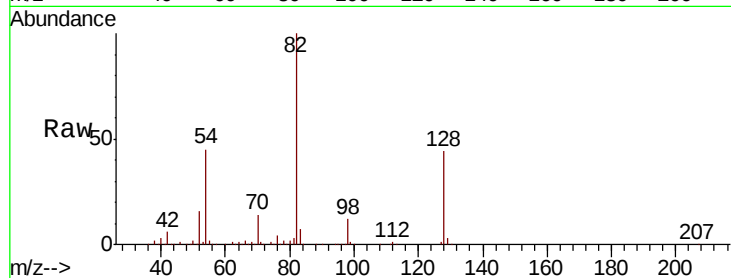




#19
n-Nitroso-di-n-propylamine
Concen: 15.334 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

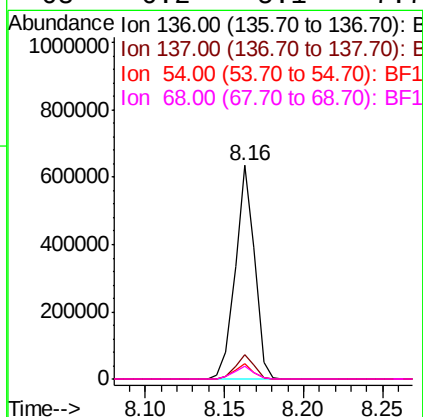
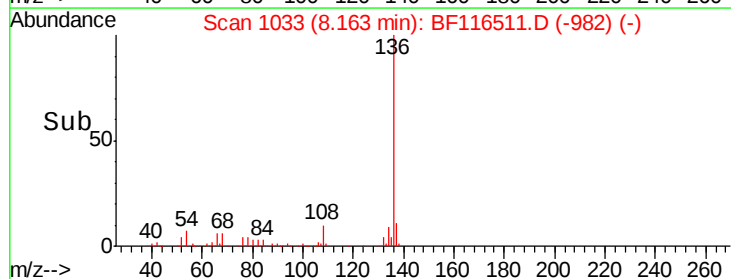
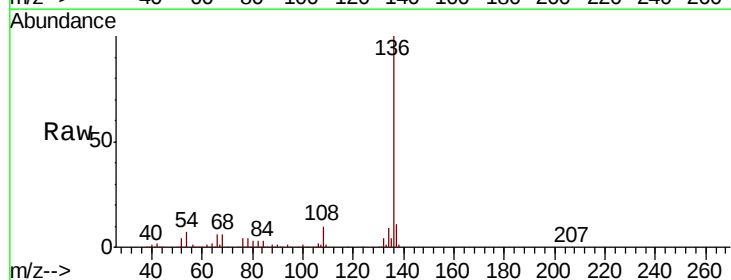
Instrument :
BNA_F
ClientSampleId :

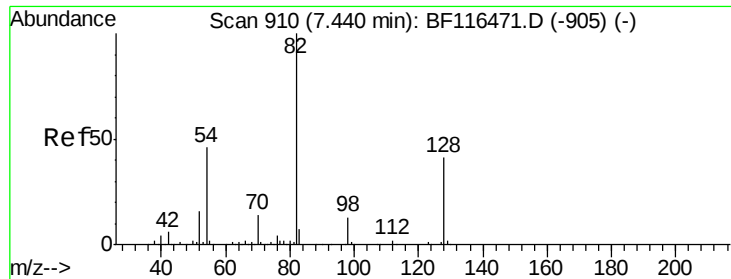
Tot Ion: 70 Resp: 128834
Ion Ratio Lower Upper
70 100
42 43.1 44.4 66.6#
101 0.0 7.1 10.7#
130 1.8 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

Tgt Ion:136 Resp: 532611
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.2 5.8 8.6
68 6.2 5.1 7.7

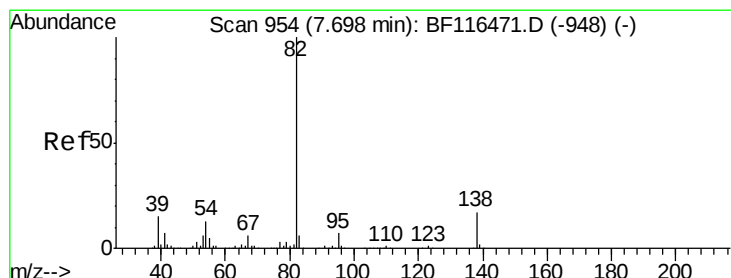
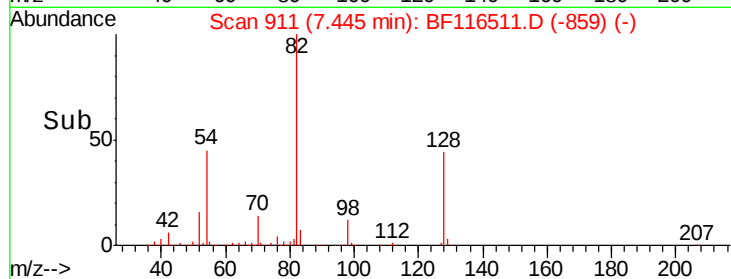
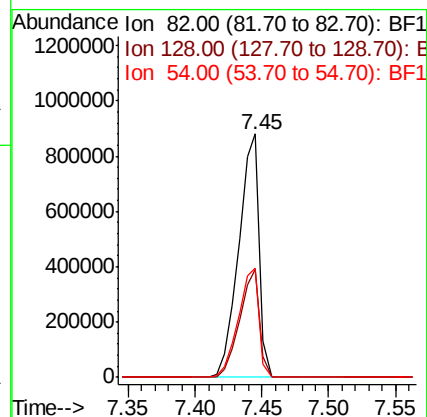
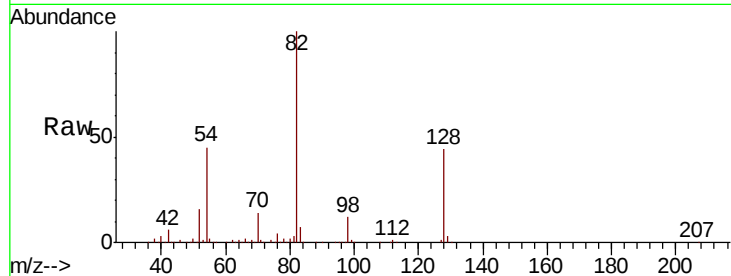




#23
Nitrobenzene-d5
Concen: 97.003 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

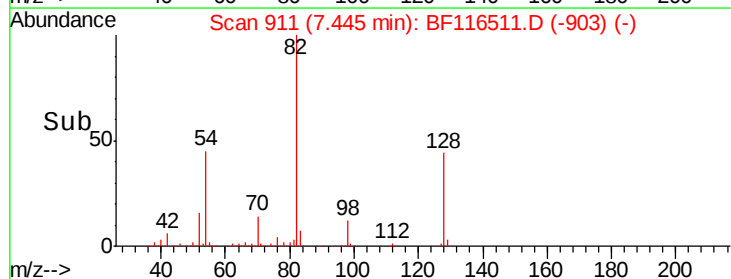
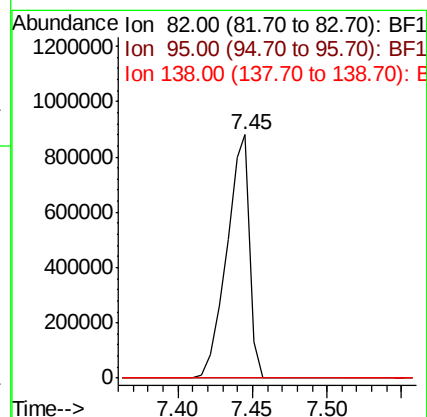
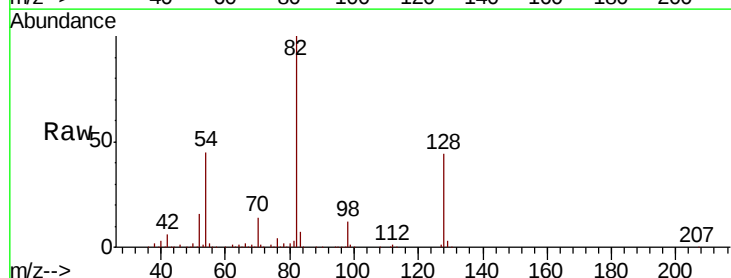
Instrument :
BNA_F
ClientSampled :

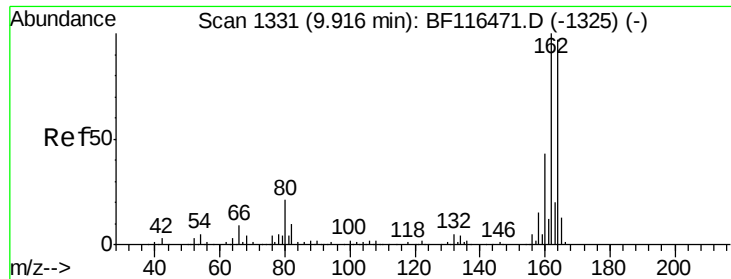
Tot Ion	82	Resp	944344
Ion Ratio	Lower	Upper	
82	100		
128	44.3	32.2	48.4
54	45.0	36.5	54.7



#25
Isophorone
Concen: 49.095 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.25 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

Tgt Ion	82	Resp	941878
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.3	19.9#

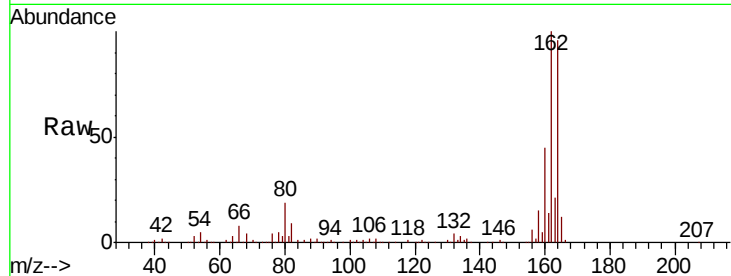




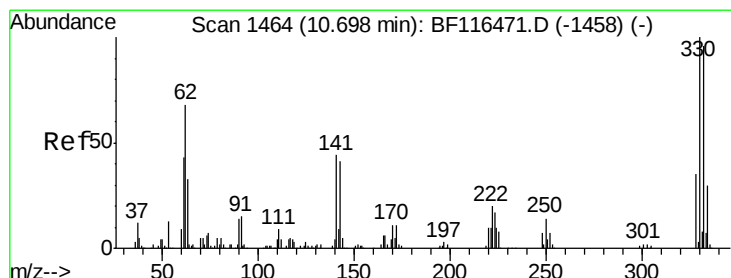
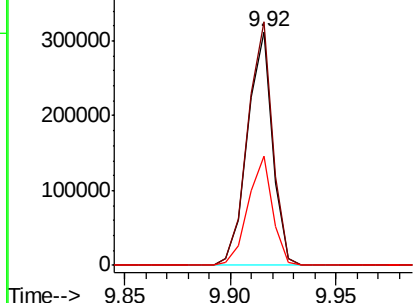
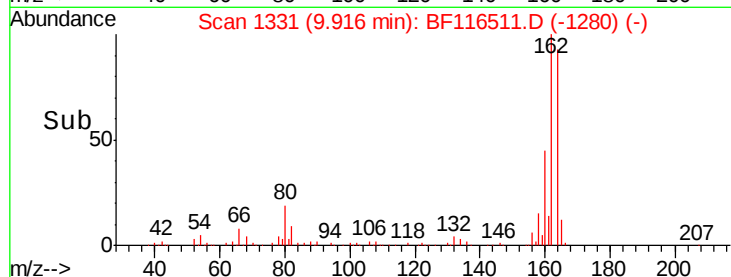
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 257162
Ion Ratio Lower Upper
164 100
162 104.1 82.6 123.8
160 46.7 35.8 53.8

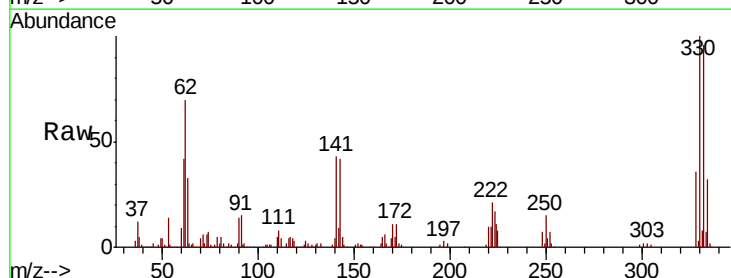


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

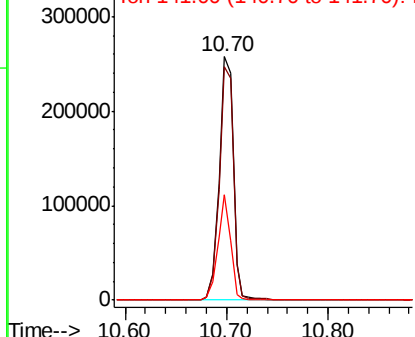
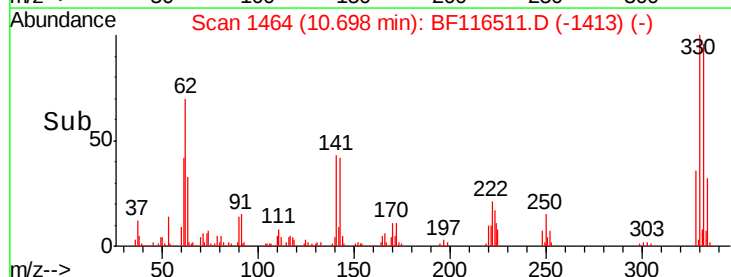


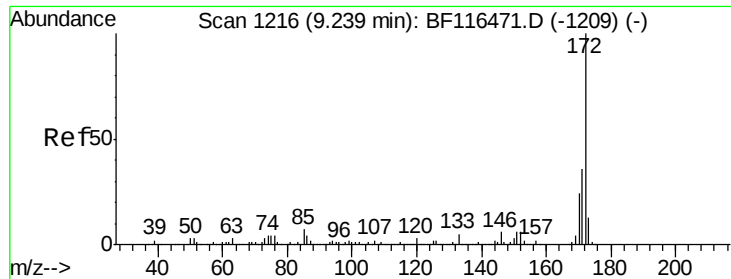
#42
2,4,6-Tribromophenol
Concen: 113.221 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

Tgt Ion:330 Resp: 250013
Ion Ratio Lower Upper
330 100
332 96.0 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

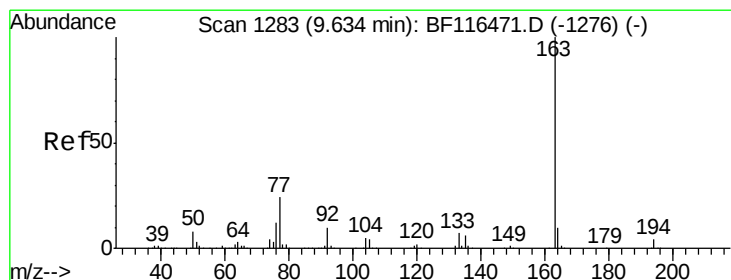
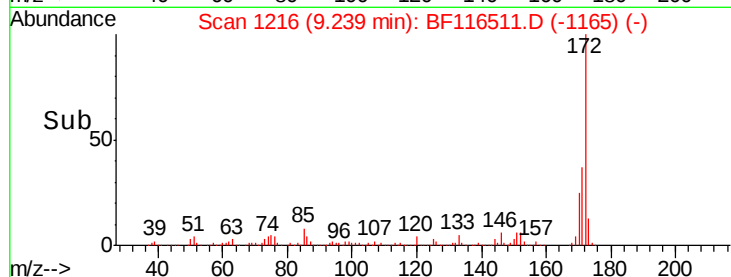
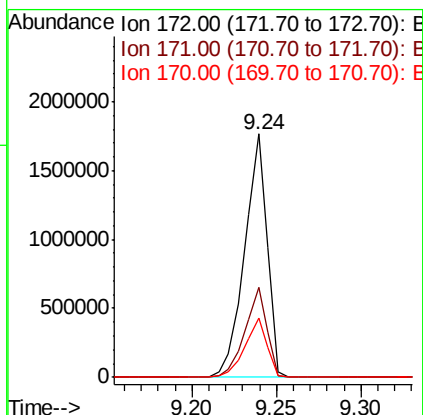
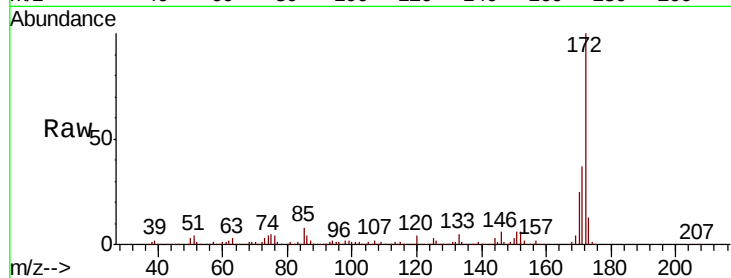




#45
2-Fluorobiphenyl
Concen: 103.433 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

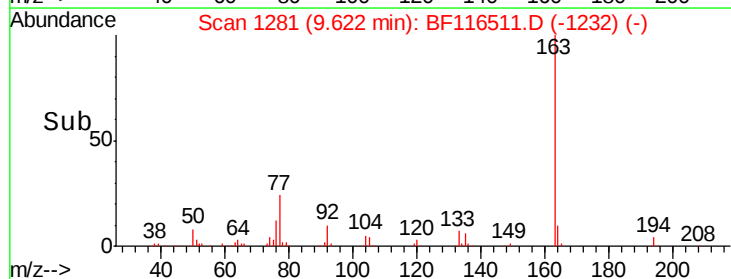
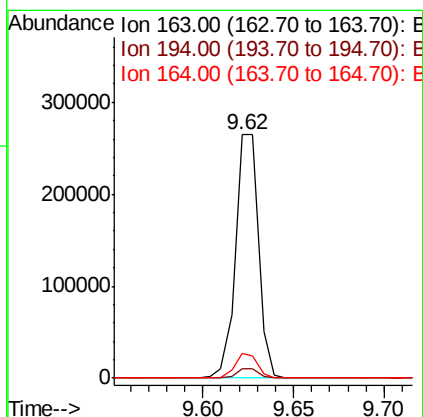
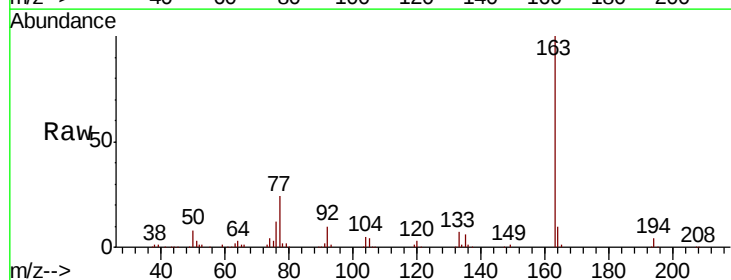
Instrument :
BNA_F
ClientSampleId :

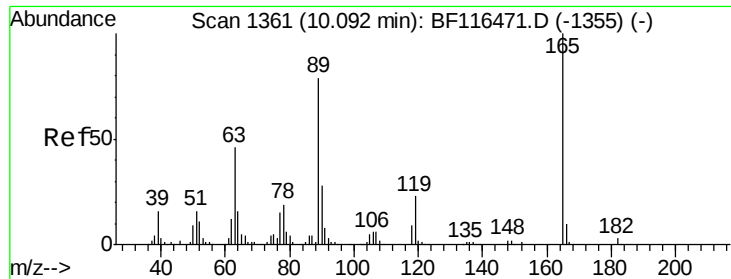
Tot Ion:172 Resp: 1651693
Ion Ratio Lower Upper
172 100
171 36.7 28.9 43.3
170 24.6 19.4 29.0



#50
Dimethylphthalate
Concen: 13.104 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

Tgt Ion:163 Resp: 235118
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.9 8.2 12.2

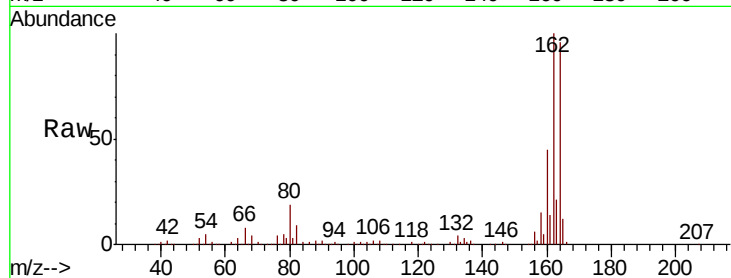




#57
 2,4-Dinitrotoluene
 Concen: 7.161 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.18 min
 Lab File: BF116511.D
 Acq: 24 Aug 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.9	55.3#
89	1.2	63.4	95.0#
182	0.0	2.1	3.1#

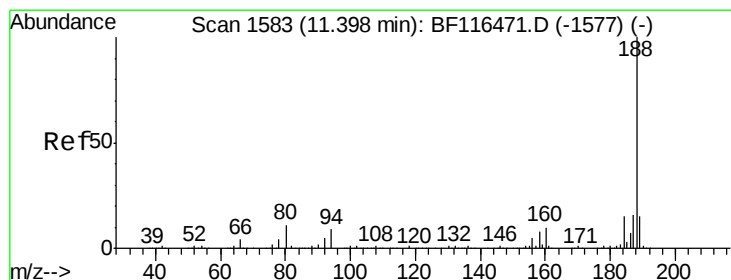
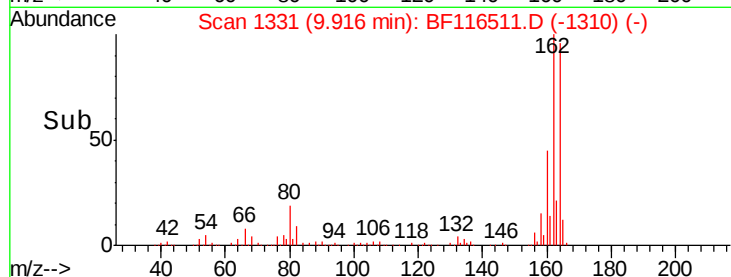
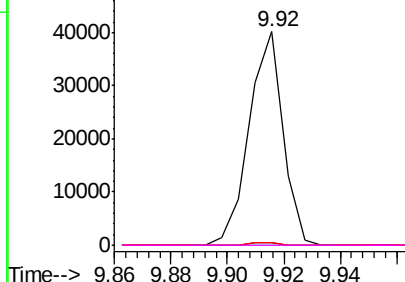


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

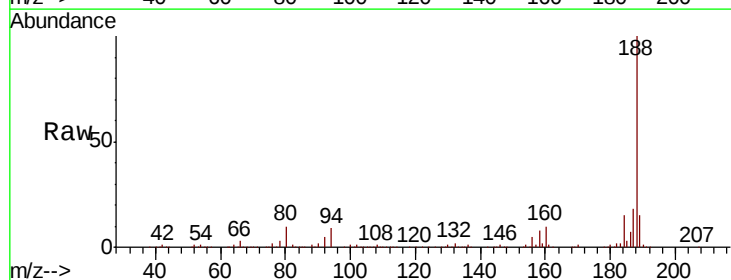
Ion 89.00 (88.70 to 89.70): BF1

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: BF116511.D
 Acq: 24 Aug 2019 9:36

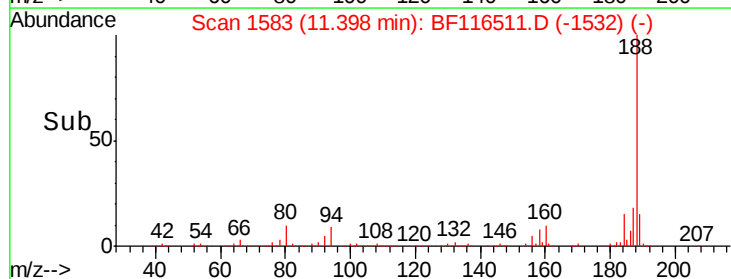
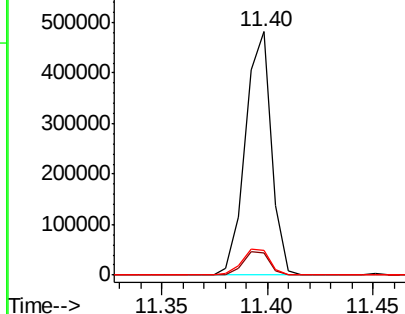
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.2
80	10.0	8.6	12.8

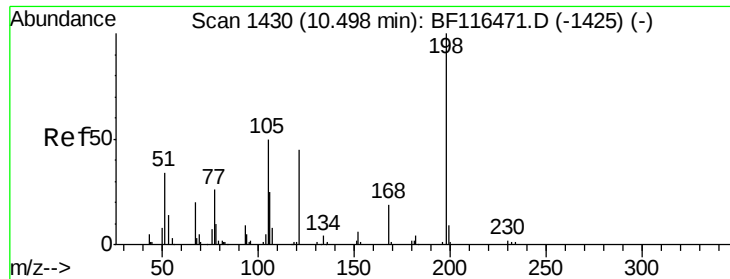


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

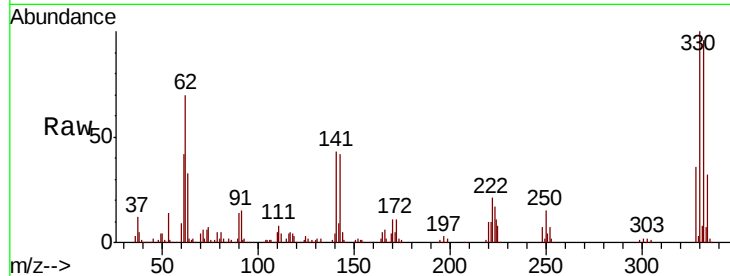




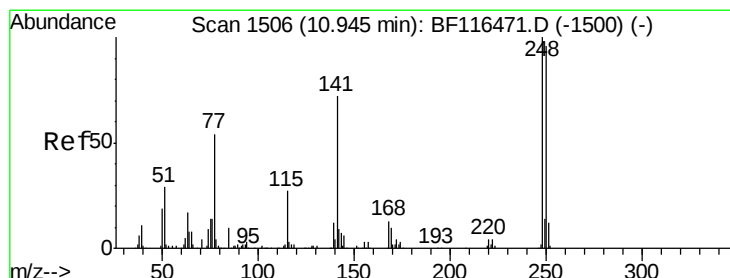
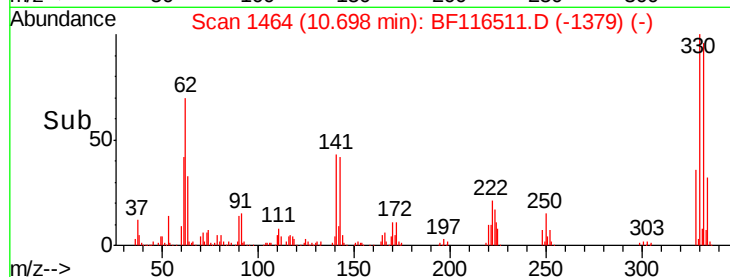
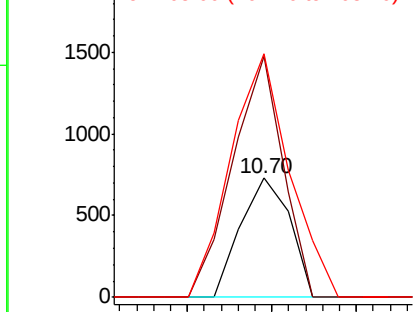
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.304 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.20 min
 Lab File: BF116511.D
 Acq: 24 Aug 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 591
 Ion Ratio Lower Upper
 198 100
 51 202.2 30.4 70.4#
 105 204.1 32.8 72.8#

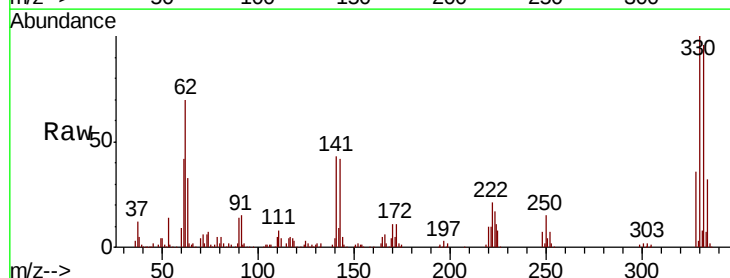


Abundance Ion 198.00 (197.70 to 198.70): E
 2000 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

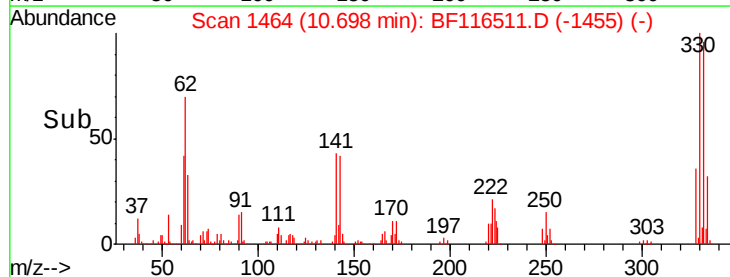
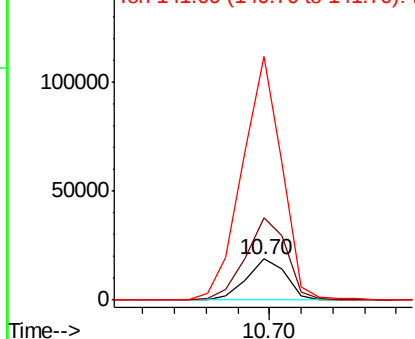


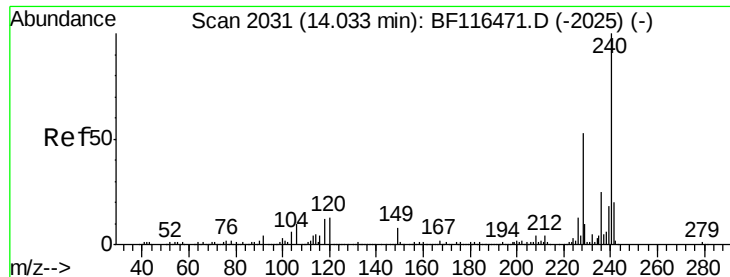
#67
 4-Bromophenyl-phenylether
 Concen: 3.771 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.25 min
 Lab File: BF116511.D
 Acq: 24 Aug 2019 9:36

Tgt Ion:248 Resp: 16272
 Ion Ratio Lower Upper
 248 100
 250 199.4 77.0 115.6#
 141 591.4 57.4 86.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 150000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

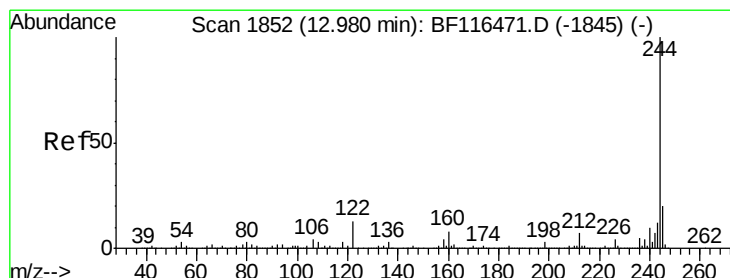
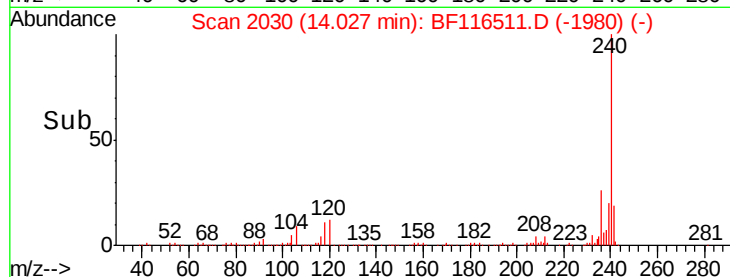
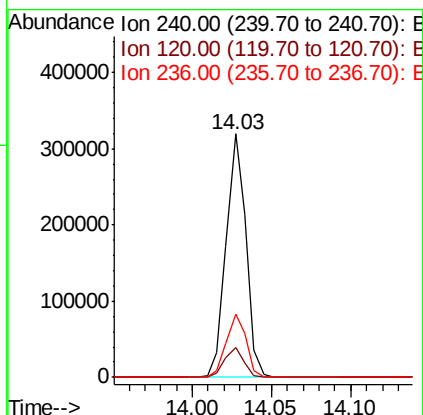
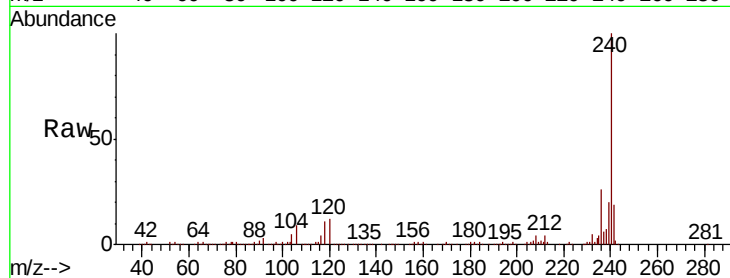




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

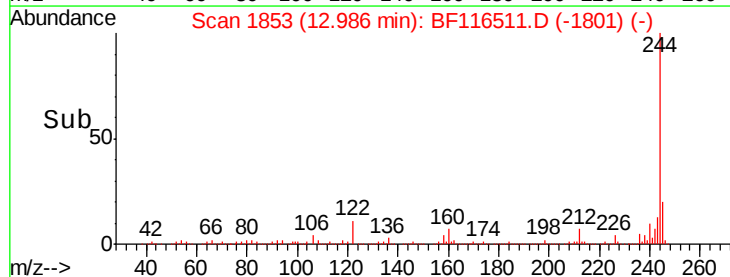
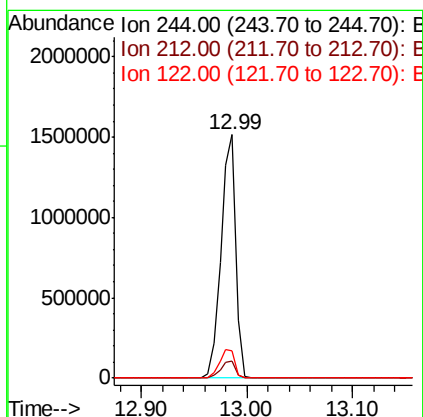
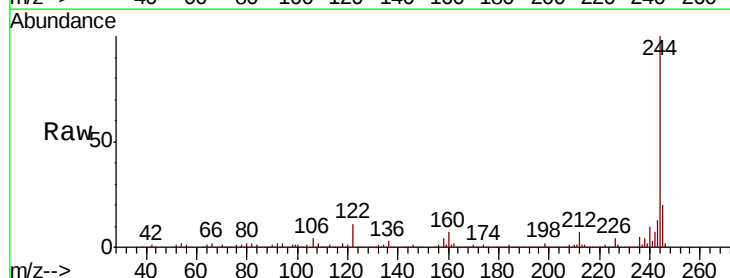
Instrument :
BNA_F
ClientSampleId :

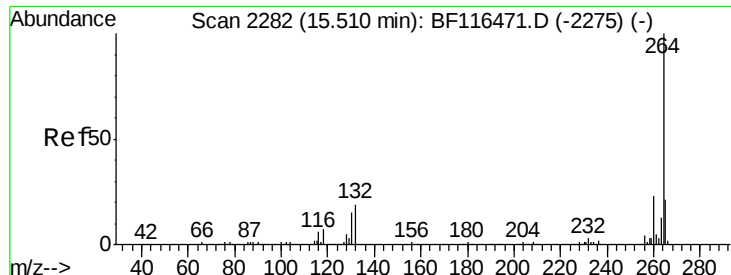
Tot Ion:240 Resp: 276244
Ion Ratio Lower Upper
240 100
120 12.4 10.5 15.7
236 25.7 20.2 30.2



#79
Terphenyl-d14
Concen: 99.986 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.01 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

Tgt Ion:244 Resp: 1478696
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.1 10.2 15.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.7	17.1	25.7

