

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116794.D
 Acq On : 4 Sep 2019 1:53
 Operator : HP/JU
 Sample : K4622-39
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 06:07:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	135057	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	520890	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	267055	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	436195	20.00	ng	0.00
76) Chrysene-d12	13.99	240	298311	20.00	ng	0.00
87) Perylene-d12	15.44	264	307608	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	974376	116.88	ng	0.01
7) Phenol-d6	6.48	99	1199026	109.53	ng	0.00
23) Nitrobenzene-d5	7.41	82	872124	95.58	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	281289	157.56	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1416581	89.48	ng	0.00
79) Terphenyl-d14	12.95	244	1412436	87.59	ng	0.00

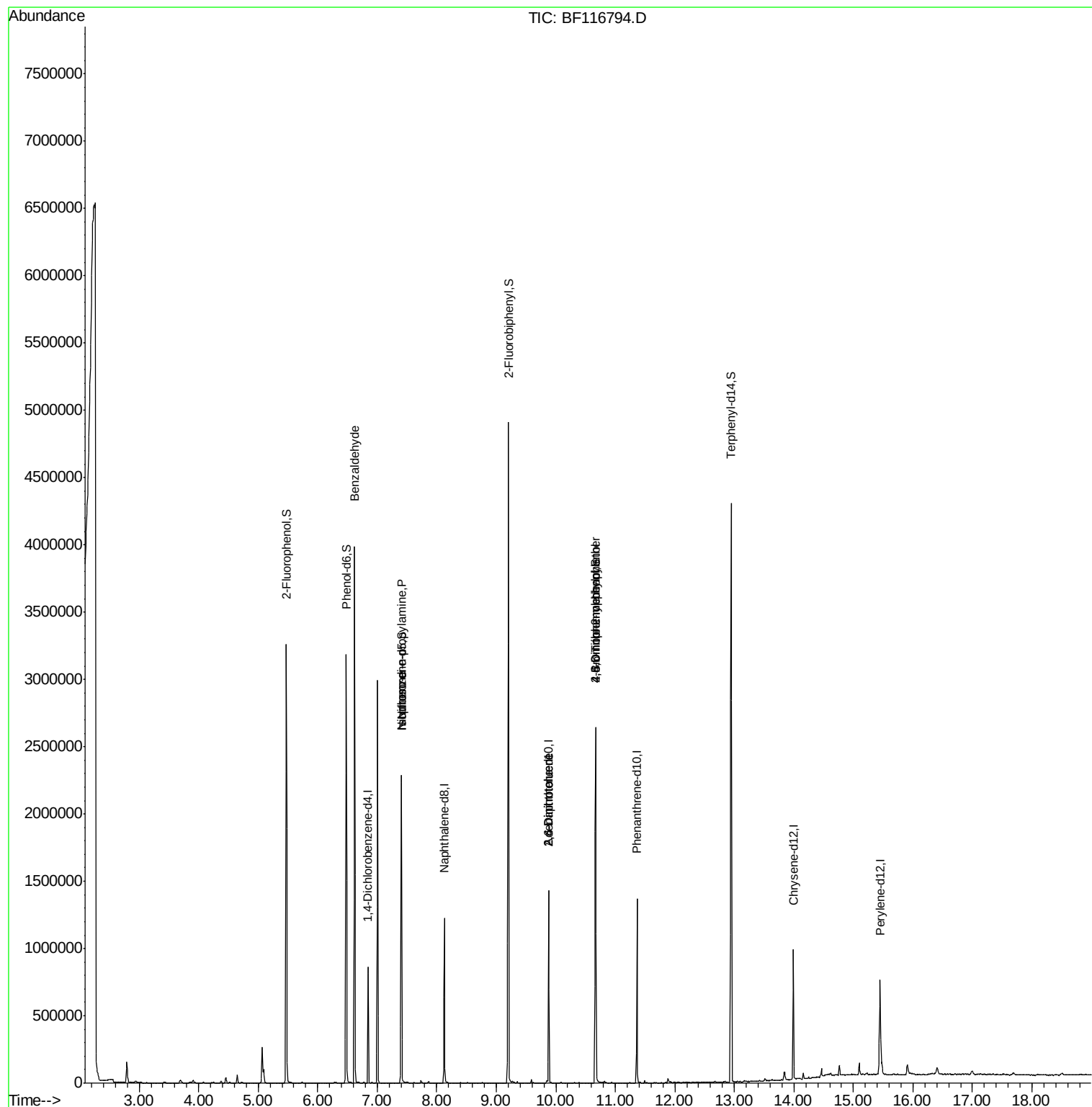
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.62	77	25107	3.481	ng	83
19) n-Nitroso-di-n-propylamine	7.40	70	114940	15.947	ng	# 73
25) Isophorone	7.41	82	872113	47.169	ng	# 66
51) 2,6-Dinitrotoluene	9.88	165	33137	9.420	ng	# 21
57) 2,4-Dinitrotoluene	9.88	165	33137	7.704	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.67	198	603	7.768	ng	# 1
67) 4-Bromophenyl-phenylether	10.67	248	17324	3.910	ng	# 1

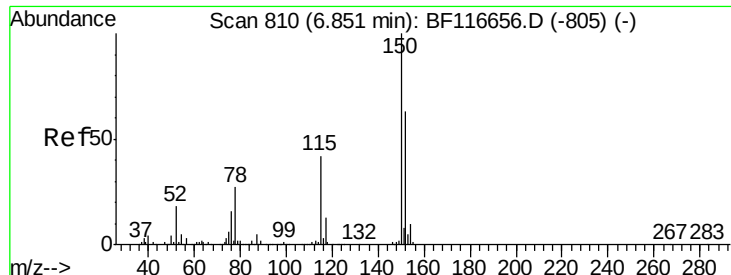
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116794.D
Acq On : 4 Sep 2019 1:53
Operator : HP/JU
Sample : K4622-39
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 04 06:07:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration



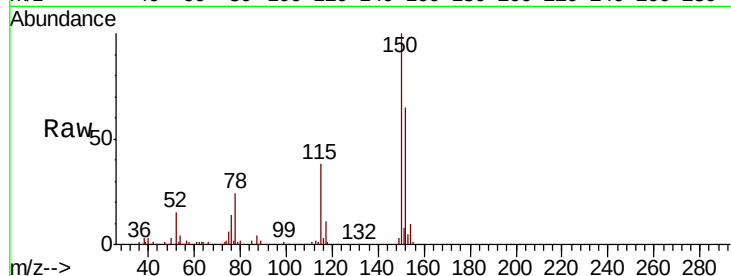


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116794.D
Acq: 4 Sep 2019 1:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.4	186.6
115	57.7	49.9	74.9

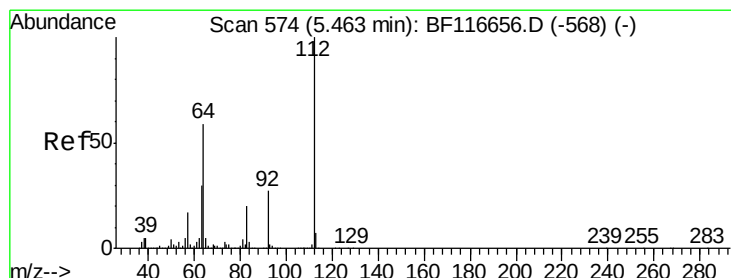
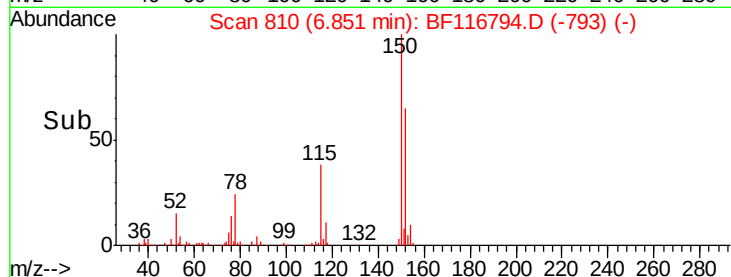
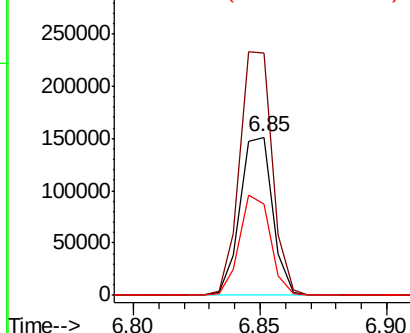


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

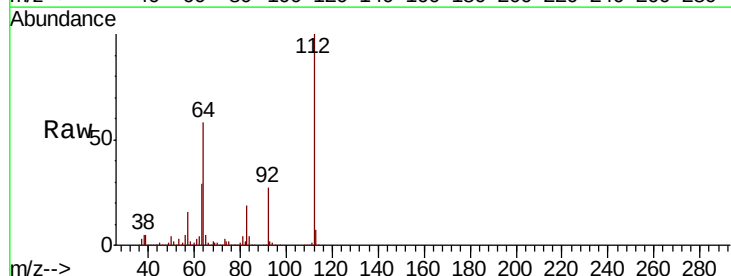
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.880 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116794.D
Acq: 4 Sep 2019 1:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.1	70.7
63	29.2	24.9	37.3

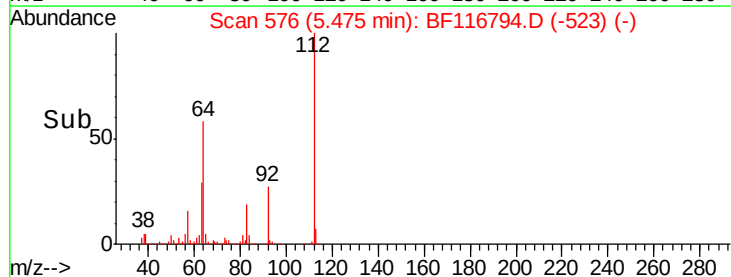
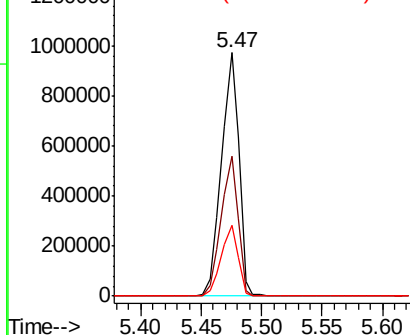


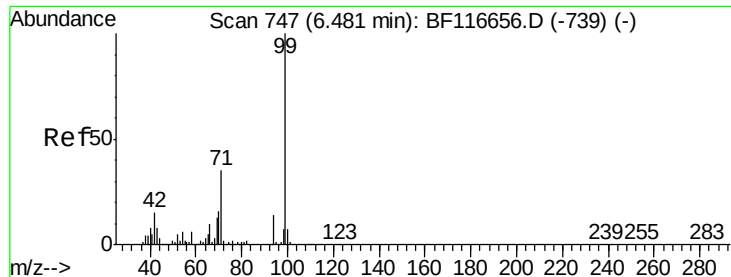
Abundance

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: 109.532 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116794.D

Acq: 4 Sep 2019 1:53

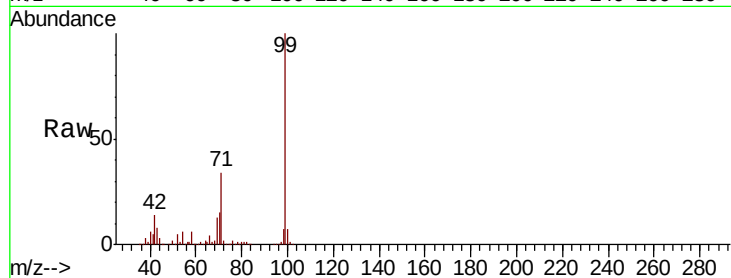
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1199026

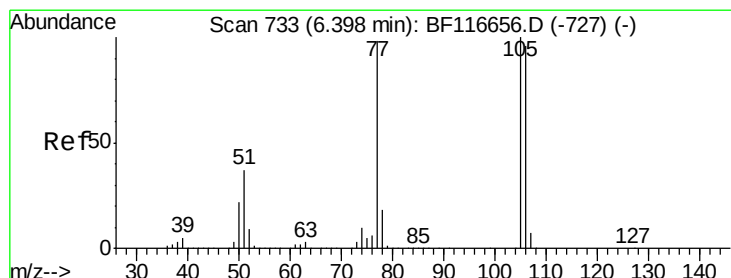
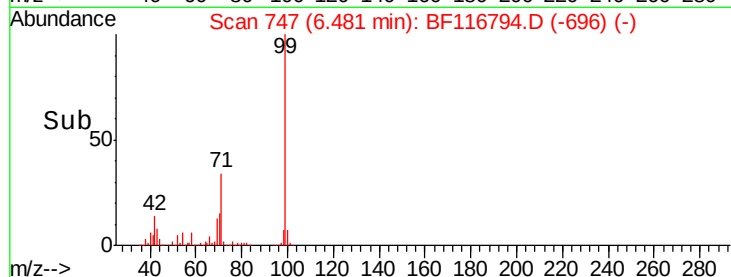
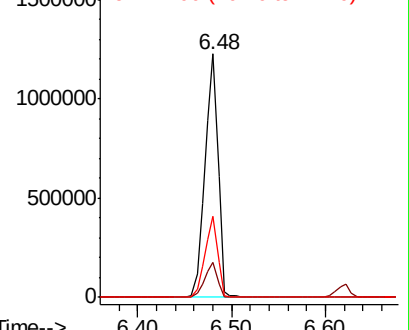
Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.7	20.5
71	33.5	30.8	46.2



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



#9

Benzaldehyde

Concen: 3.481 ng

RT: 6.62 min Scan# 771

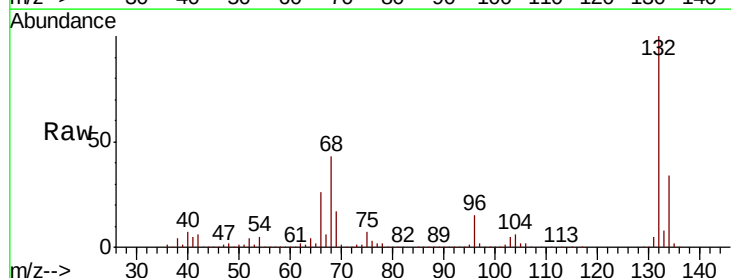
Delta R.T. 0.22 min

Lab File: BF116794.D

Acq: 4 Sep 2019 1:53

Tgt Ion: 77 Resp: 25107

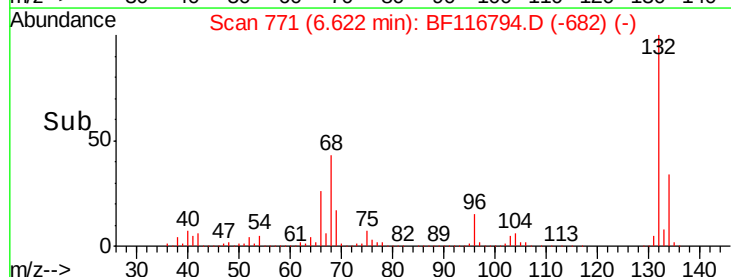
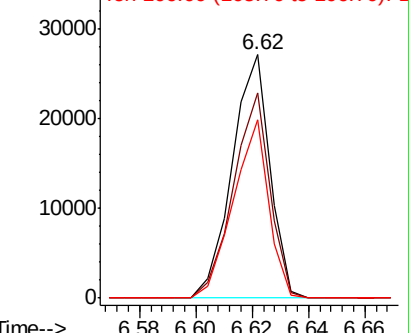
Ion	Ratio	Lower	Upper
77	100		
105	84.1	76.7	116.7
106	73.4	73.1	113.1

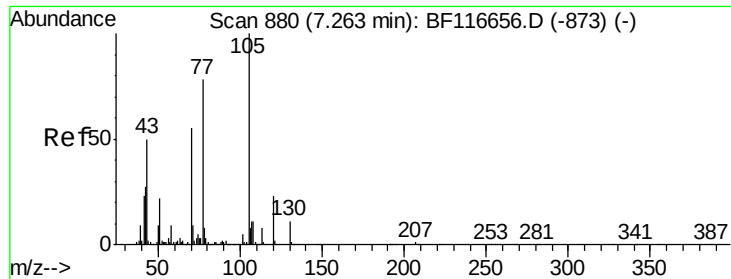


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

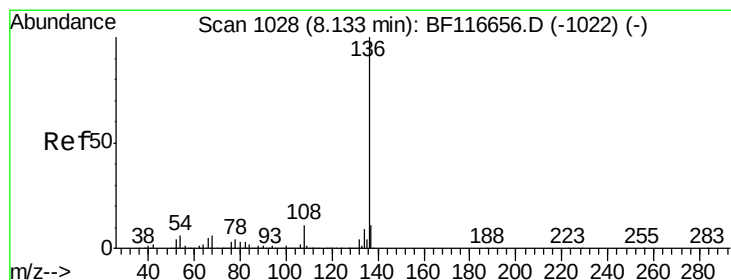
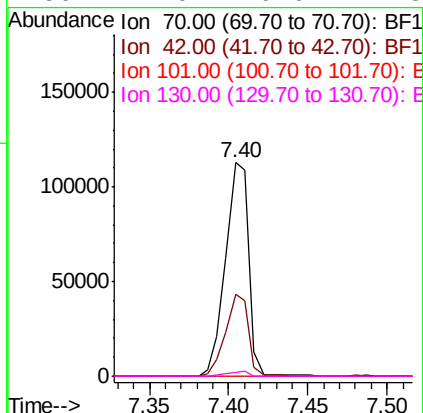
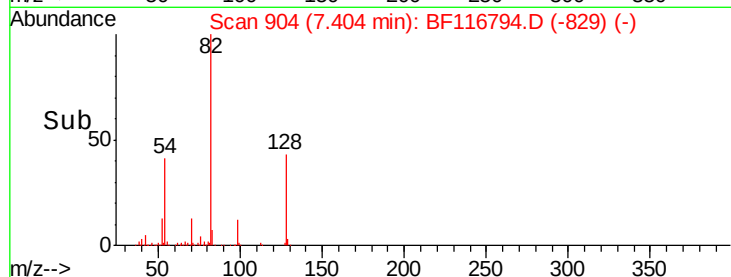
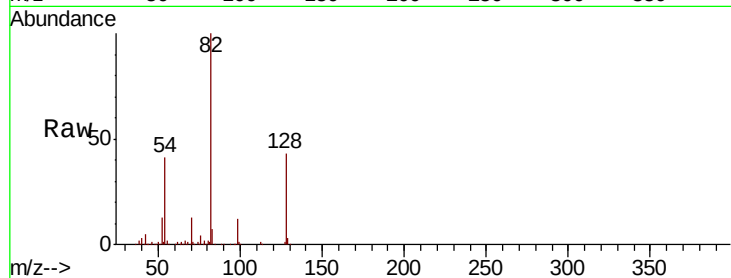




#19
n-Nitroso-di-n-propylamine
Concen: 15.947 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116794.D
Acq: 4 Sep 2019 1:53

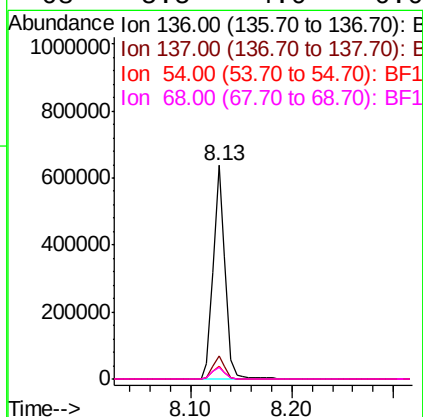
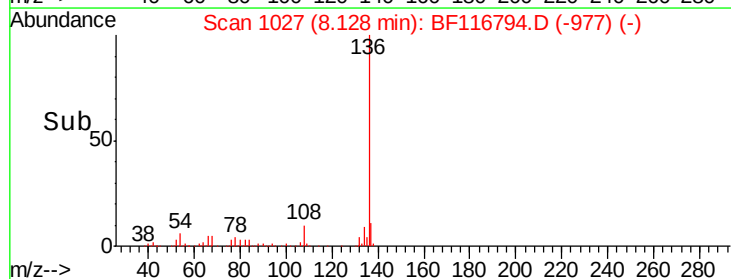
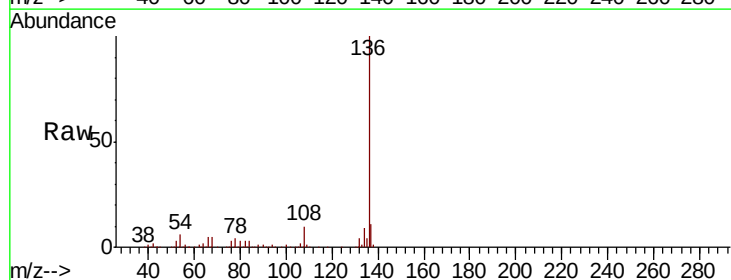
Instrument :
BNA_F
ClientSampleId :

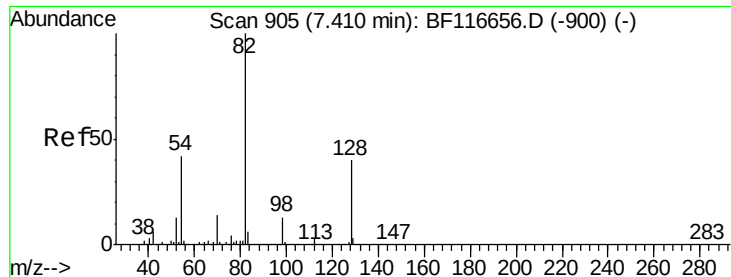
Tot Ion	Ratio	Lower	Upper
70	100		
42	38.6	43.5	65.3#
101	0.0	7.8	11.6#
130	2.0	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116794.D
Acq: 4 Sep 2019 1:53

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.2	4.8	7.2
68	5.5	4.0	6.0

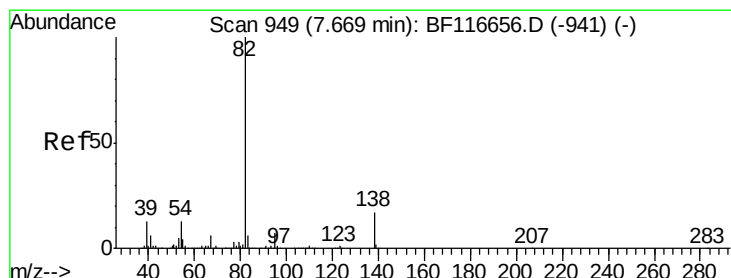
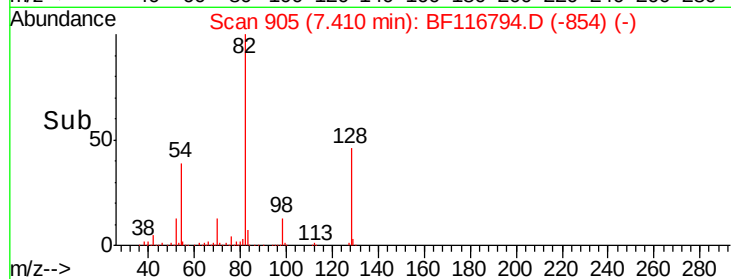
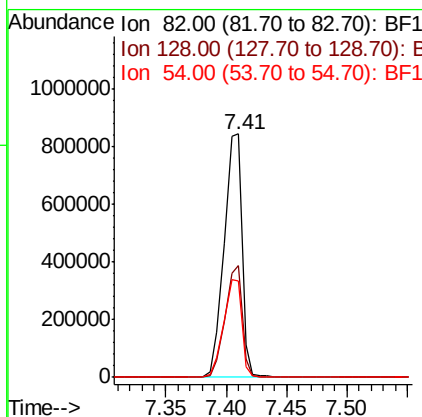
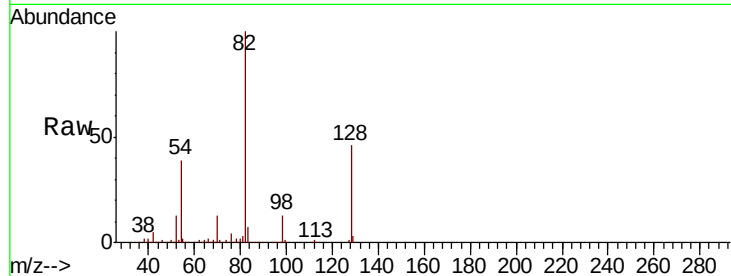




#23
 Nitrobenzene-d5
 Concen: 95.581 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116794.D
 Acq: 4 Sep 2019 1:53

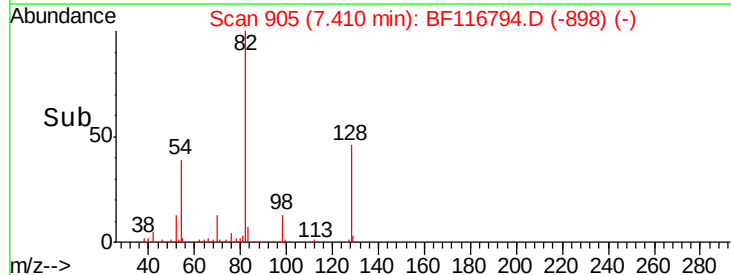
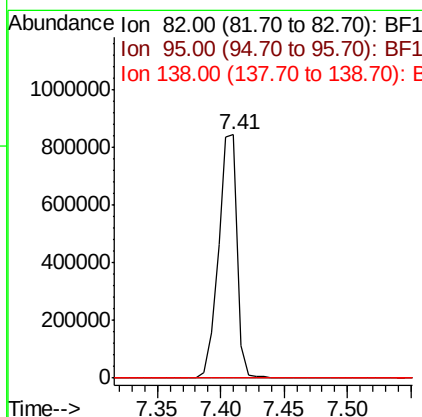
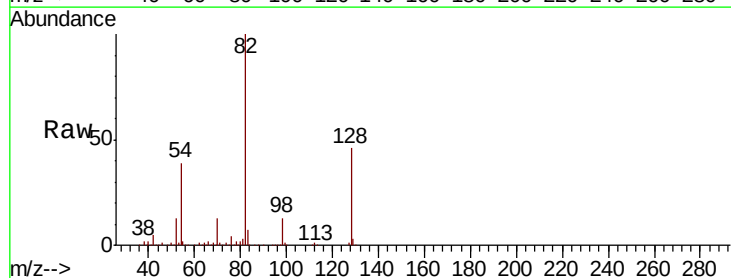
Instrument :
 BNA_F
 ClientSampleId :

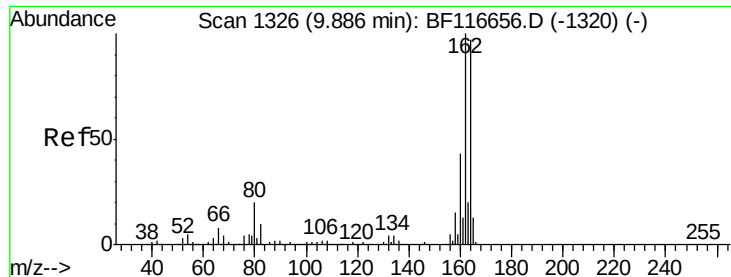
Tot Ion	82	Resp	872124
Ion Ratio	Lower	Upper	
82	100		
128	46.0	32.8	49.2
54	39.4	36.9	55.3



#25
 Isophorone
 Concen: 47.169 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.26 min
 Lab File: BF116794.D
 Acq: 4 Sep 2019 1:53

Tgt Ion	82	Resp	872113
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

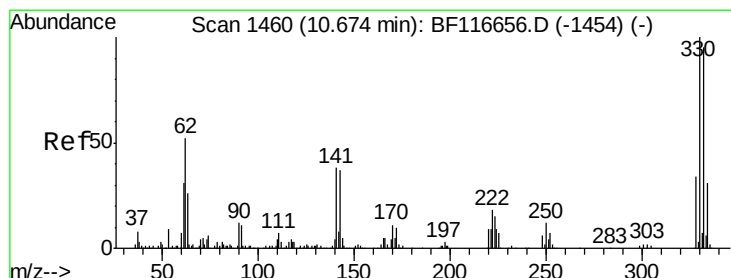
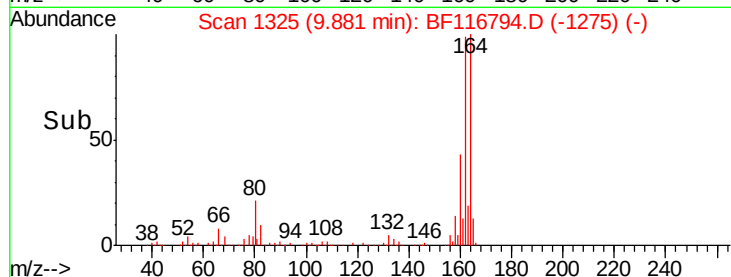
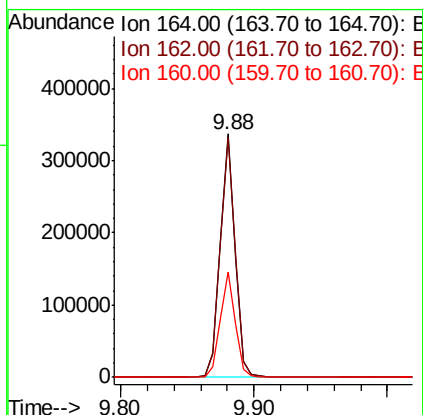
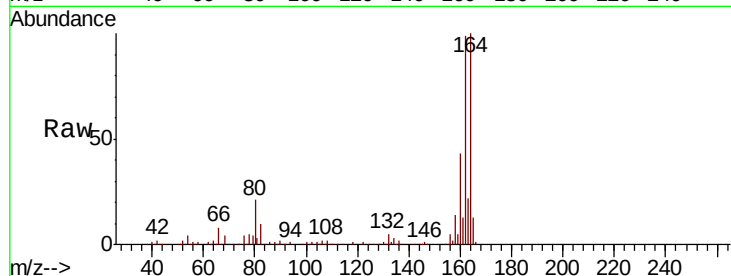




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116794.D
Acq: 4 Sep 2019 1:53

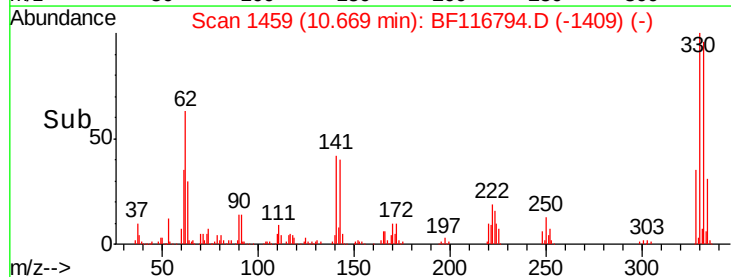
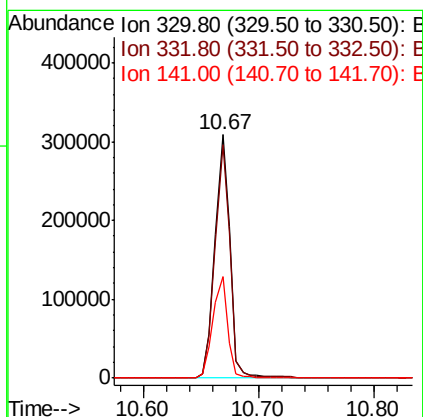
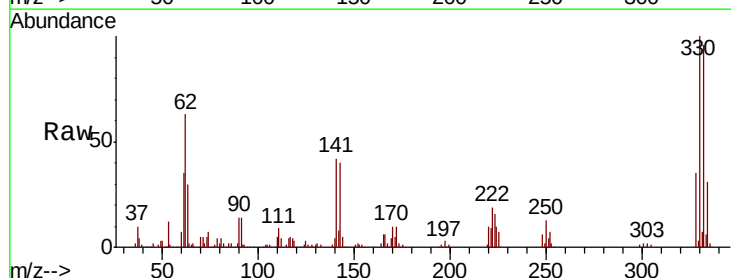
Instrument :
BNA_F
ClientSampleId :

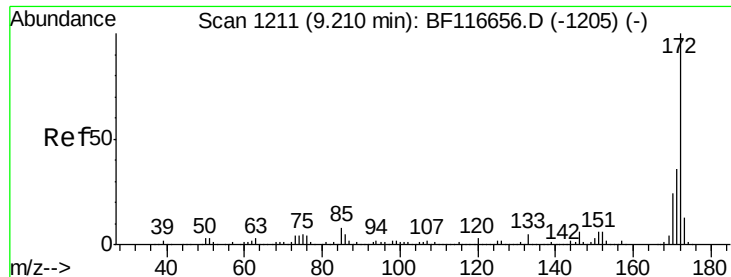
Tot Ion:164 Resp: 267055
Ion Ratio Lower Upper
164 100
162 98.7 81.4 122.0
160 43.0 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 157.557 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116794.D
Acq: 4 Sep 2019 1:53

Tgt Ion:330 Resp: 281289
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 41.5 31.4 47.2



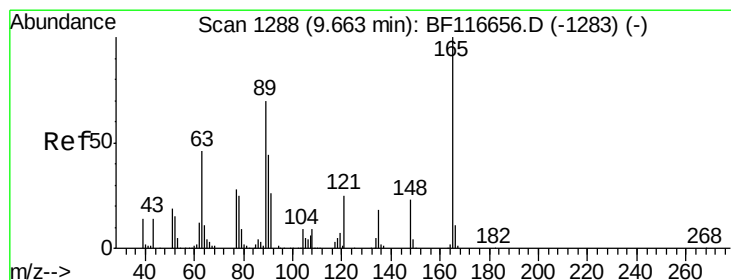
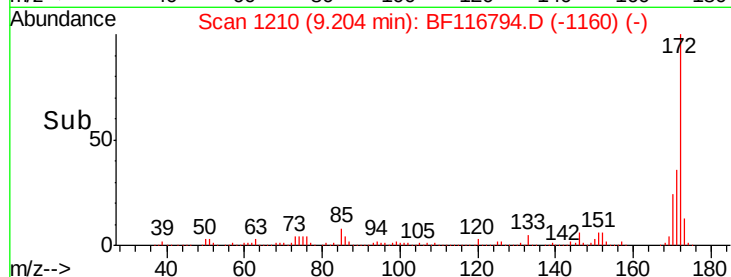
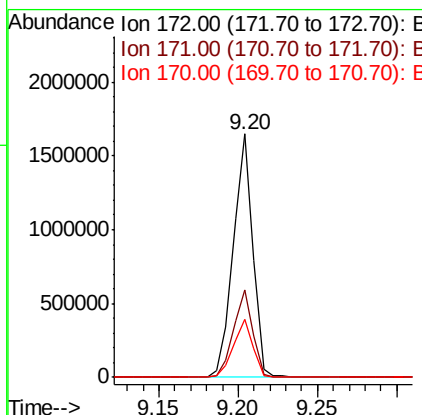
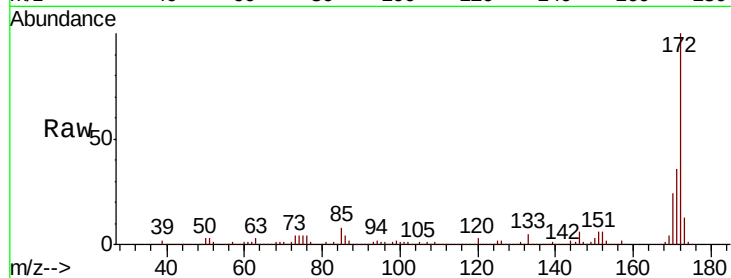


#45
 2-Fluorobiphenyl
 Concen: 89.481 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116794.D
 Acq: 4 Sep 2019 1:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1416581

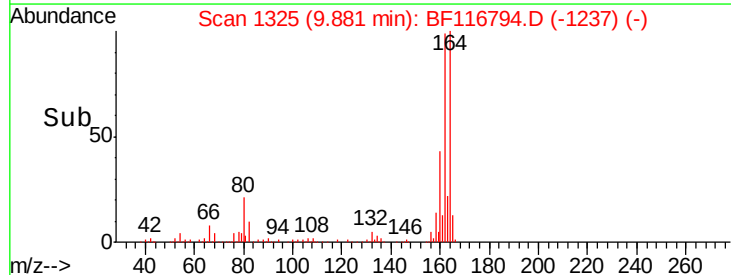
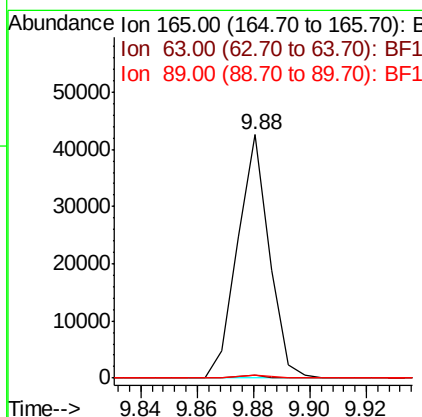
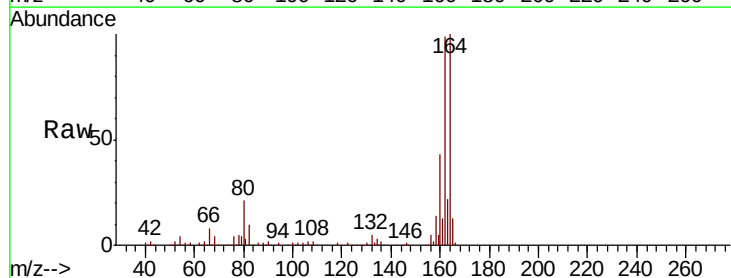
Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.8	41.6
170	23.8	18.9	28.3

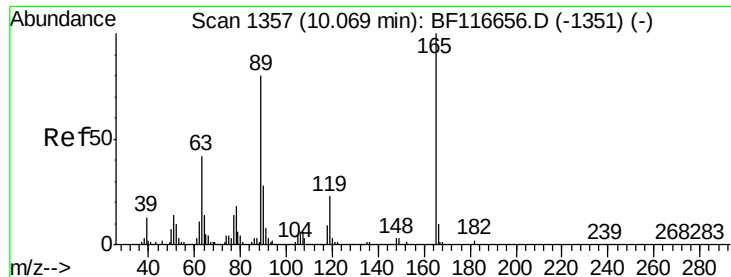


#51
 2,6-Dinitrotoluene
 Concen: 9.420 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.22 min
 Lab File: BF116794.D
 Acq: 4 Sep 2019 1:53

Tgt Ion:165 Resp: 33137

Ion	Ratio	Lower	Upper
165	100		
63	1.0	47.3	70.9#
89	1.3	52.5	78.7#

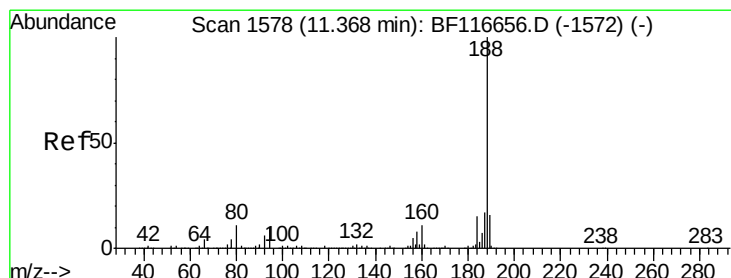
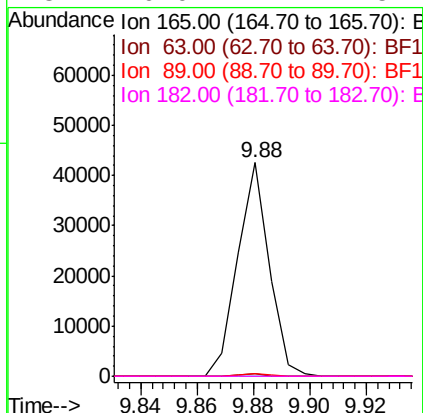
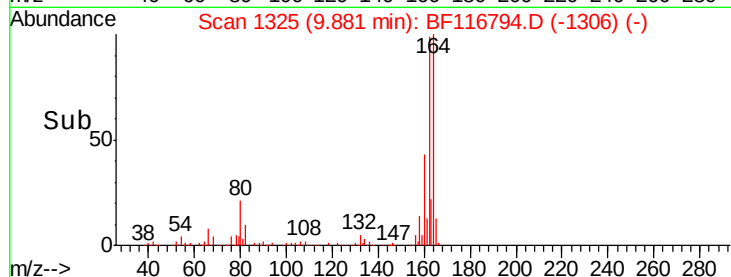
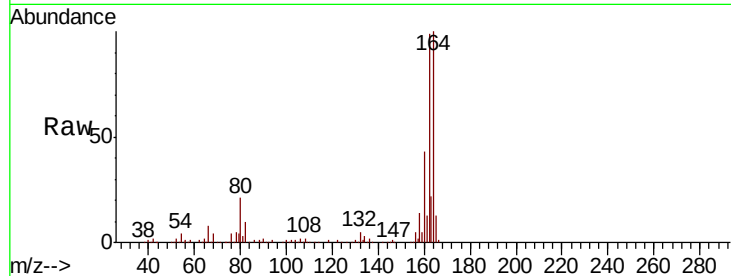




#57
 2,4-Dinitrotoluene
 Concen: 7.704 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF116794.D
 Acq: 4 Sep 2019 1:53

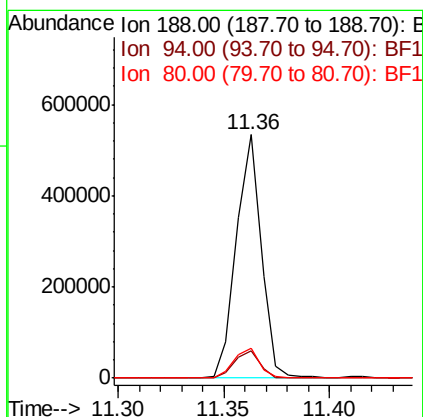
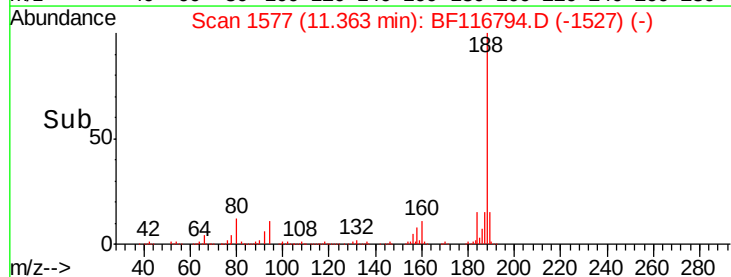
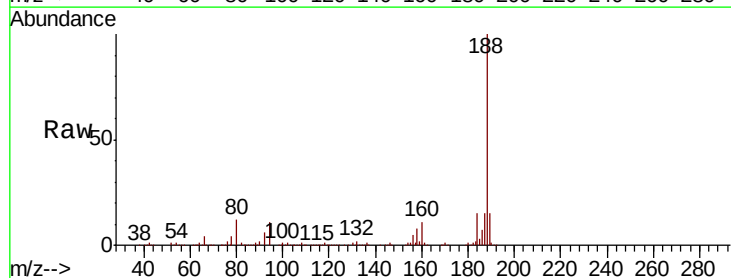
Instrument :
 BNA_F
 ClientSampleId :

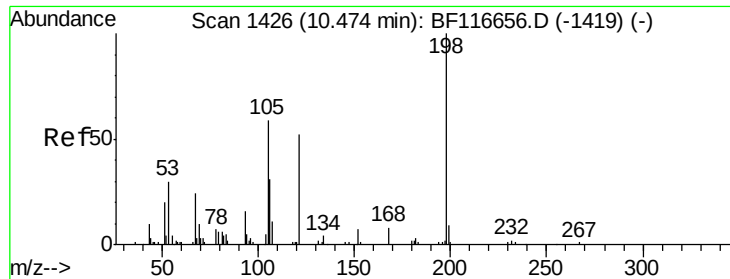
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.3	62.6	94.0#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF116794.D
 Acq: 4 Sep 2019 1:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	7.3	10.9#
80	12.0	8.4	12.6

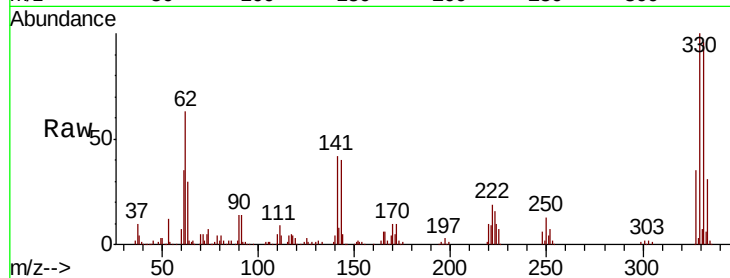




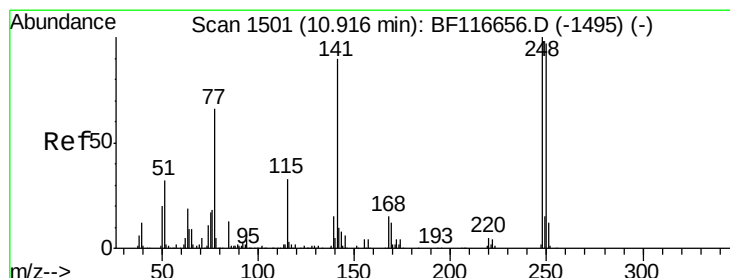
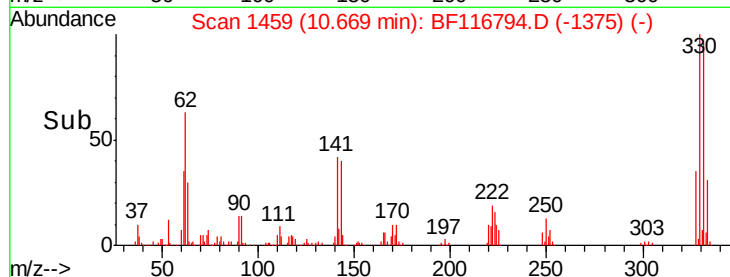
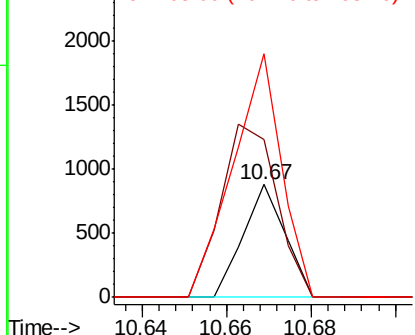
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.768 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.19 min
 Lab File: BF116794.D
 Acq: 4 Sep 2019 1:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 603
 Ion Ratio Lower Upper
 198 100
 51 139.9 18.4 58.4#
 105 216.4 22.9 62.9#

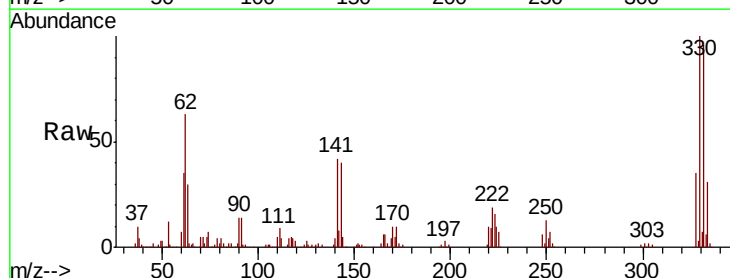


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

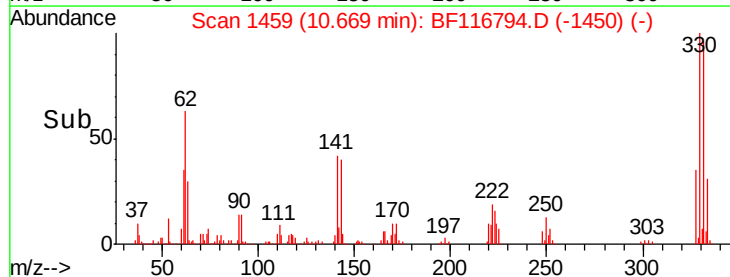
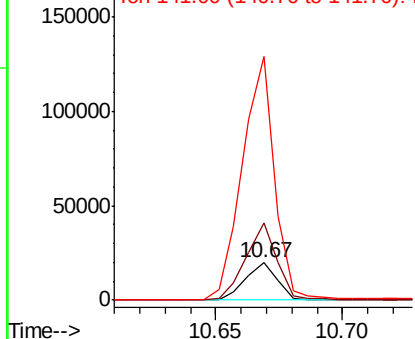


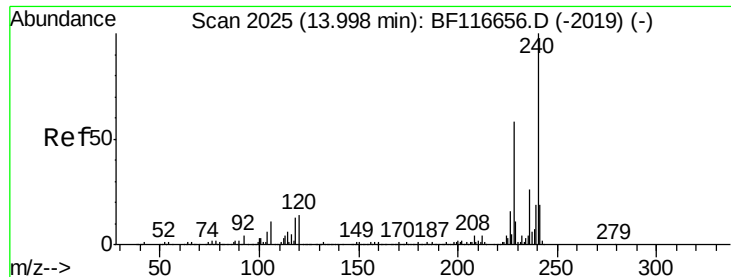
#67
 4-Bromophenyl-phenylether
 Concen: 3.910 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF116794.D
 Acq: 4 Sep 2019 1:53

Tgt Ion:248 Resp: 17324
 Ion Ratio Lower Upper
 248 100
 250 208.5 77.8 116.8#
 141 659.0 75.9 113.9#



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

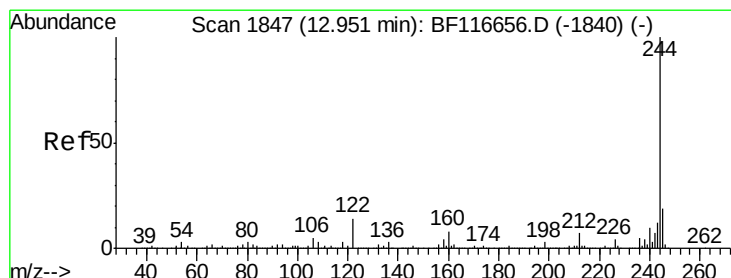
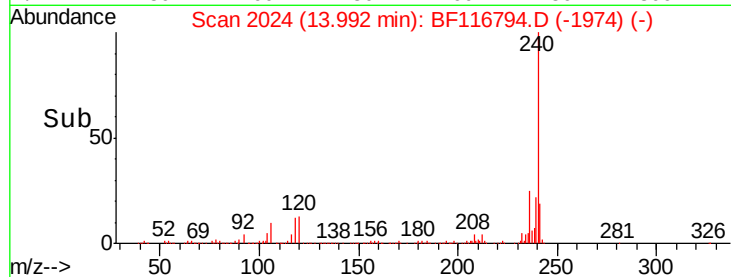
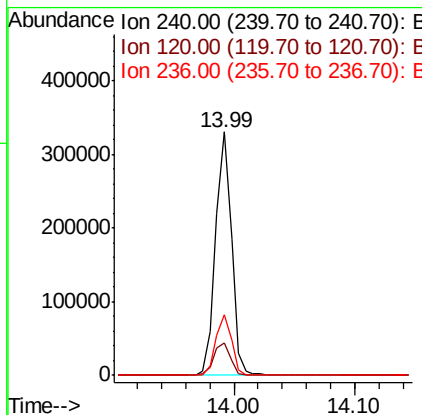
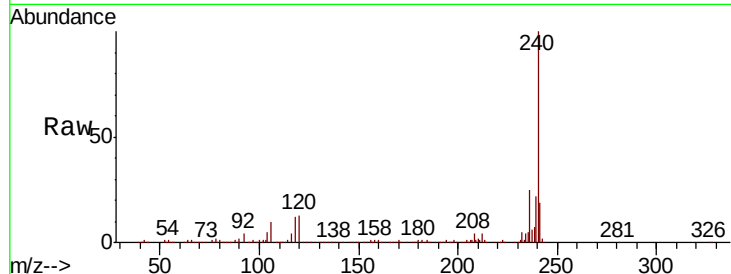




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116794.D
 Acq: 4 Sep 2019 1:53

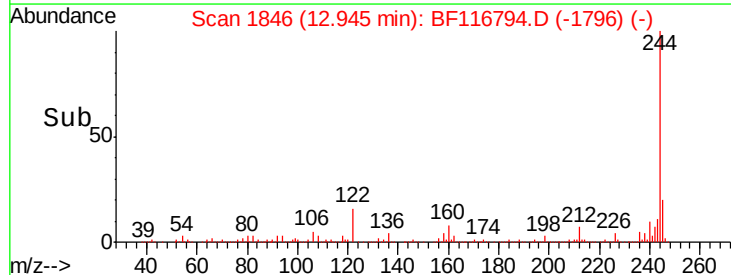
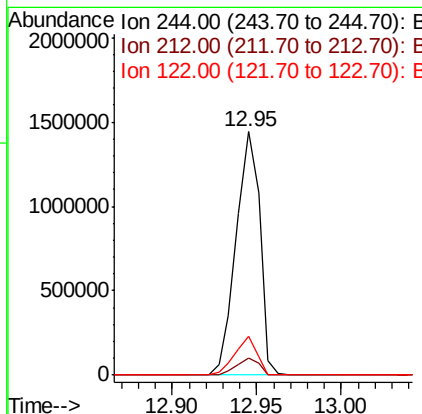
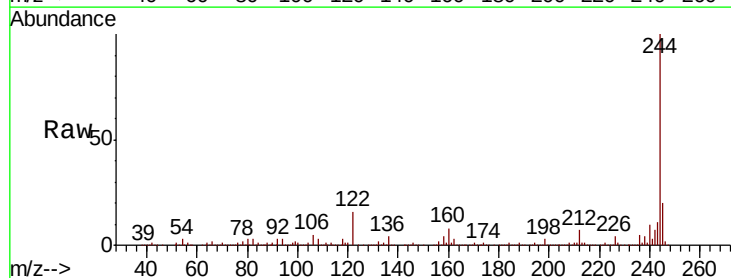
Instrument :
 BNA_F
 ClientSampleId :

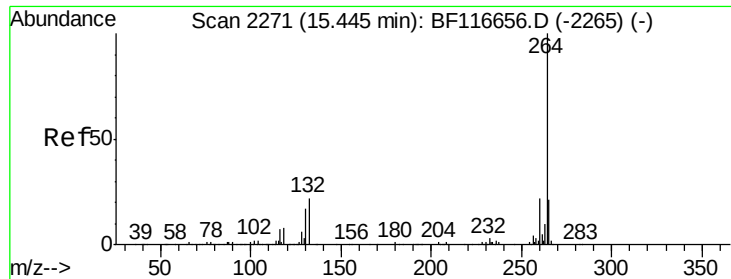
Tot Ion:240 Resp: 298311
 Ion Ratio Lower Upper
 240 100
 120 13.2 9.1 13.7
 236 25.0 21.1 31.7



#79
 Terphenyl-d14
 Concen: 87.591 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116794.D
 Acq: 4 Sep 2019 1:53

Tgt Ion:244 Resp: 1412436
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 15.8 10.2 15.4#

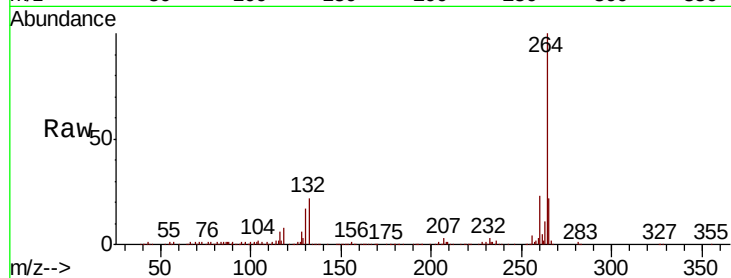




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116794.D
Acq: 4 Sep 2019 1:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	22.4	16.5	24.7



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

