

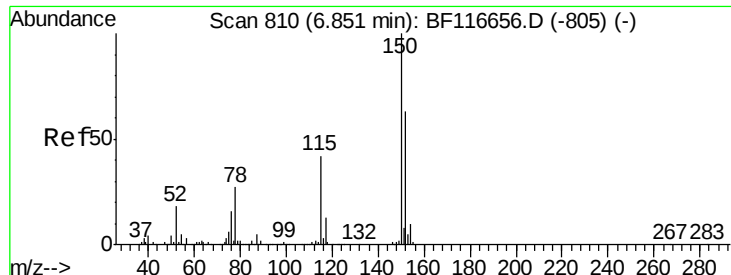
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090919\
 Data File : BF116911.D
 Acq On : 9 Sep 2019 21:53
 Operator : HP/JU
 Sample : K4752-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Quant Time: Sep 10 03:03:54 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	6.83	152	74199	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	299034	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	158738	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	273991	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	229304	20.00	ng	-0.02
87) Perylene-d12	15.43	264	213001	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	419928	91.69	ng	-0.01
7) Phenol-d6	6.47	99	575527	95.70	ng	-0.01
23) Nitrobenzene-d5	7.39	82	348239	66.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	130037	122.54	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	652030	69.29	ng	-0.02
79) Terphenyl-d14	12.93	244	708880	57.19	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	10754	2.714	ng	82
19) n-Nitroso-di-n-propylamine	7.39	70	45603	11.516	ng	# 72
25) Isophorone	7.39	82	348232	32.808	ng	# 66
50) Dimethylphthalate	9.58	163	97220	8.871	ng	97
57) 2,4-Dinitrotoluene	9.87	165	20260	7.924	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.65	198	133	7.562	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	8652	3.108	ng	# 1

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

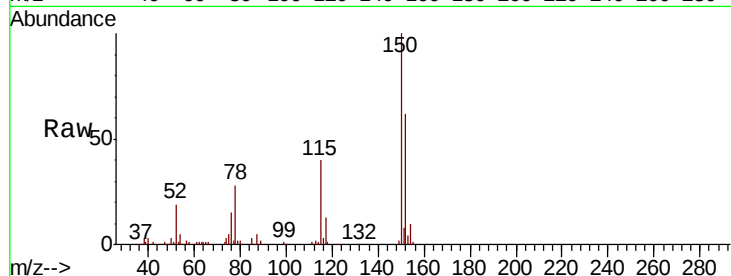


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116911.D
Acq: 9 Sep 2019 21:53

Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.2	124.4	186.6
115	64.1	49.9	74.9

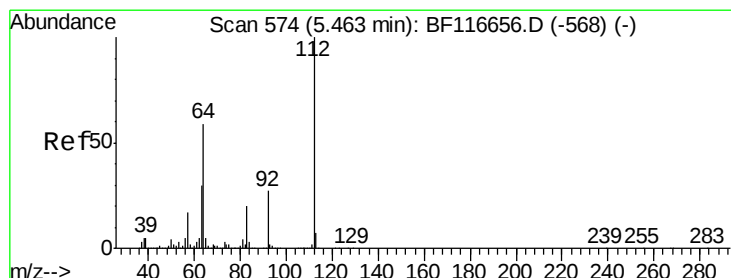
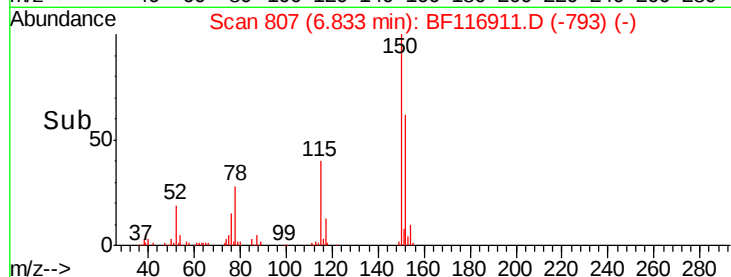
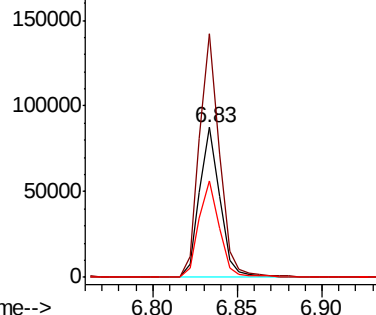


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

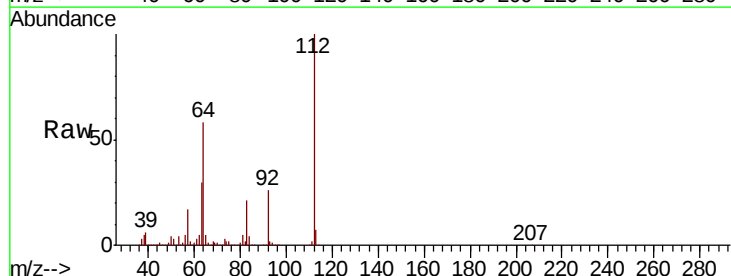
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.687 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF116911.D
Acq: 9 Sep 2019 21:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.1	70.7
63	30.3	24.9	37.3

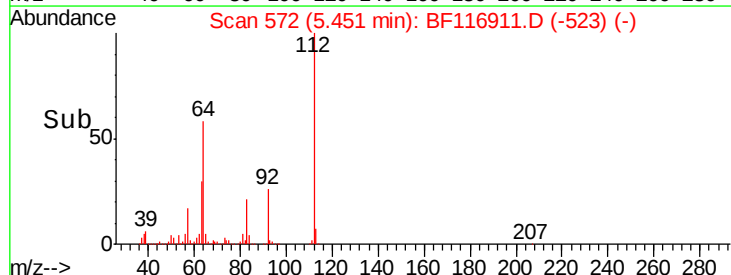
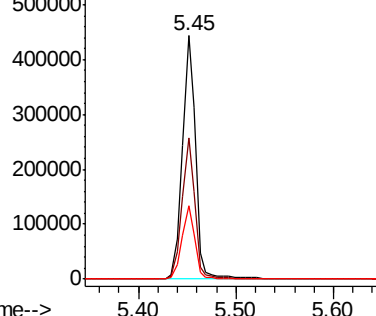


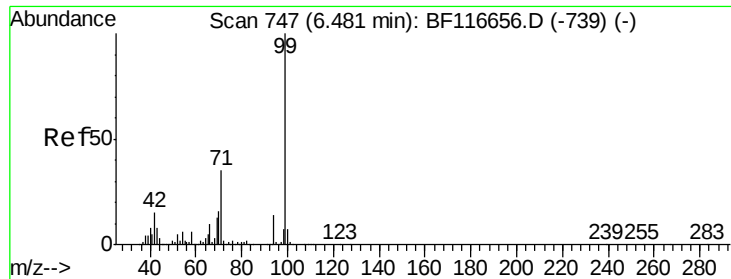
Abundance

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: 95.697 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116911.D

Acq: 9 Sep 2019 21:53

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

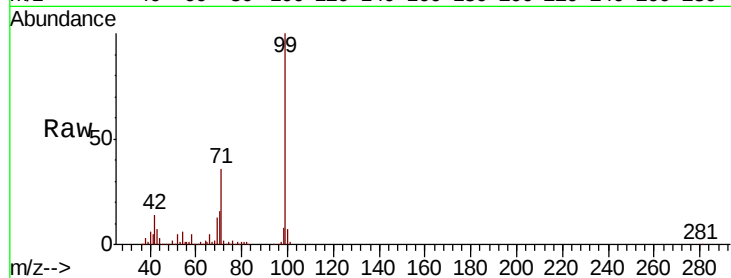
Tgt Ion: 99 Resp: 575527

Ion Ratio Lower Upper

99 100

42 14.4 13.7 20.5

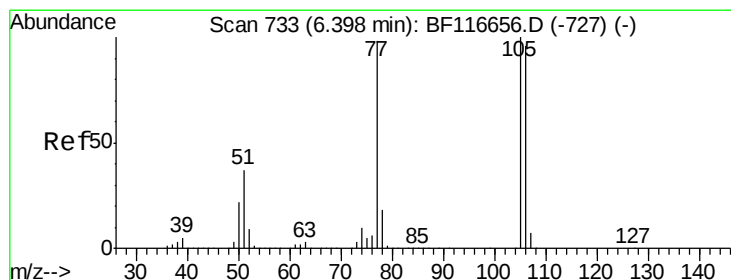
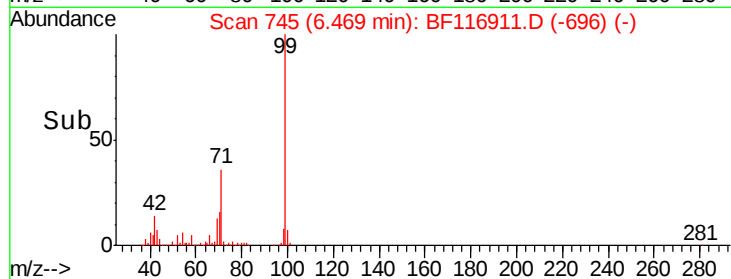
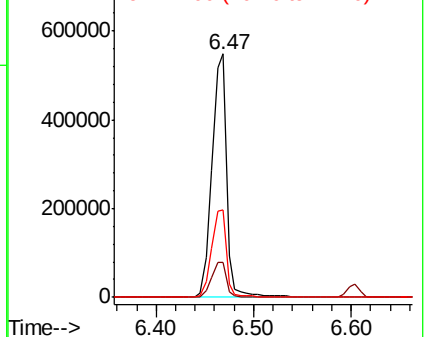
71 36.1 30.8 46.2



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: 2.714 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.21 min

Lab File: BF116911.D

Acq: 9 Sep 2019 21:53

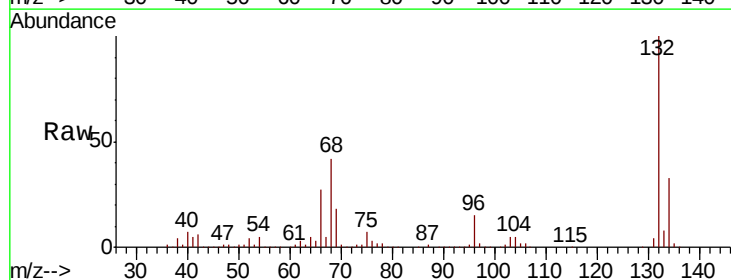
Tgt Ion: 77 Resp: 10754

Ion Ratio Lower Upper

77 100

105 81.4 76.7 116.7

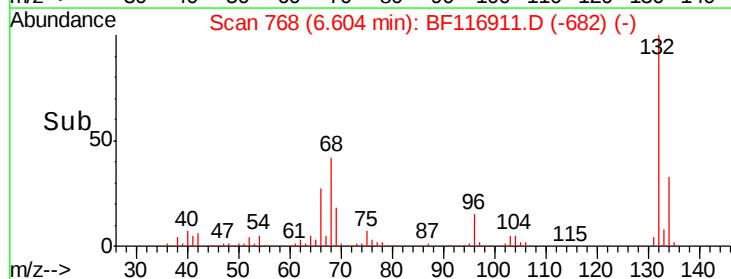
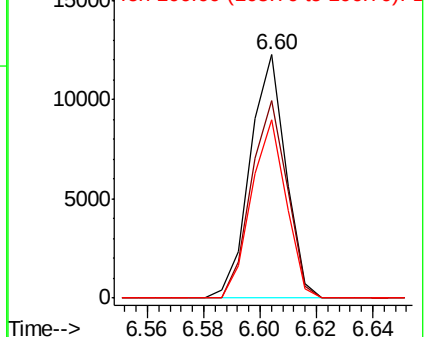
106 73.4 73.1 113.1

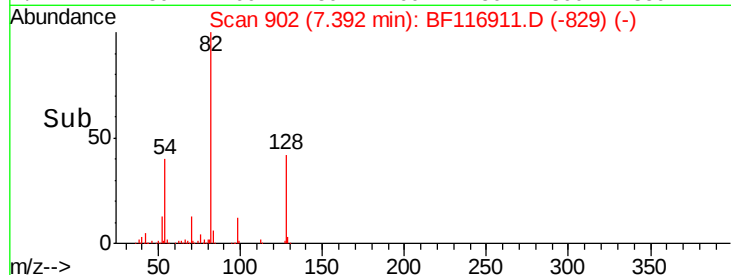
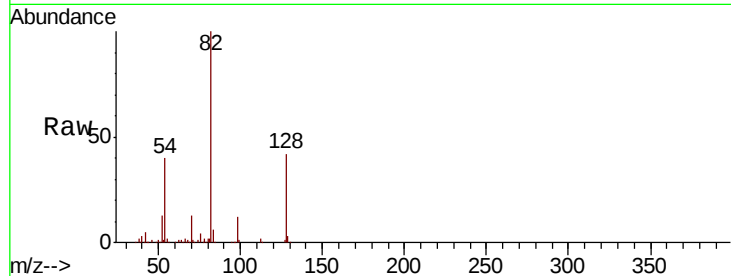
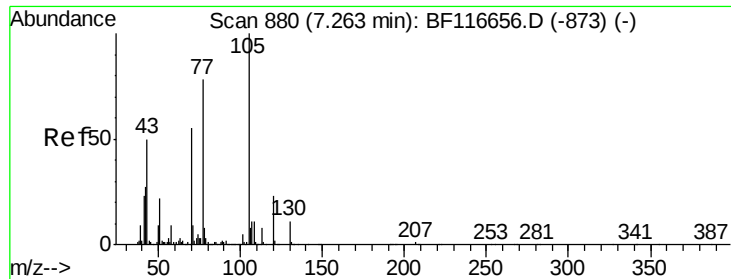


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

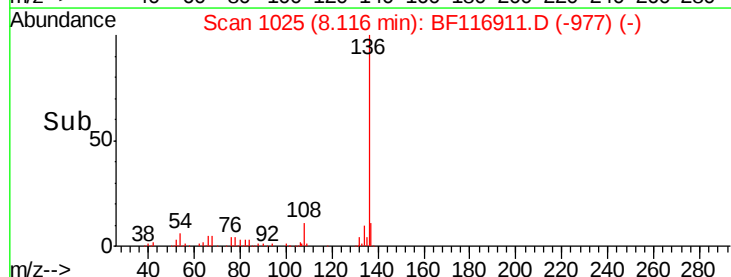
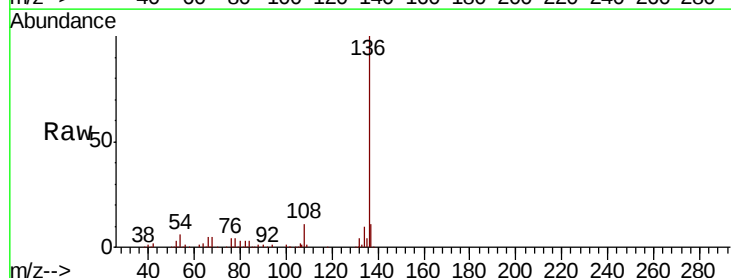
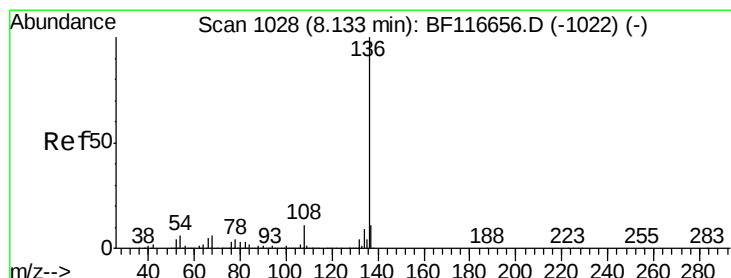
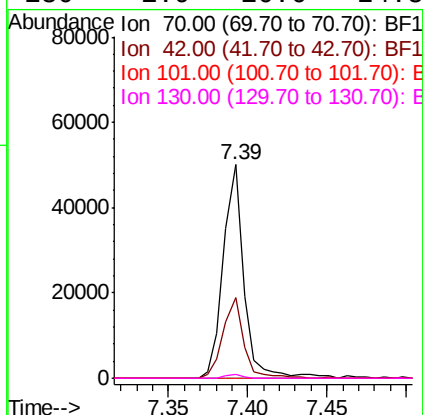




#19
n-Nitroso-di-n-propylamine
Concen: 11.516 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF116911.D
Acq: 9 Sep 2019 21:53

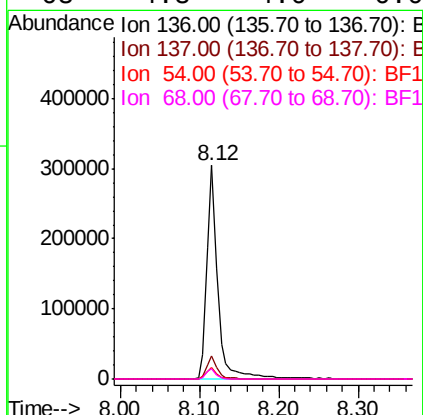
Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

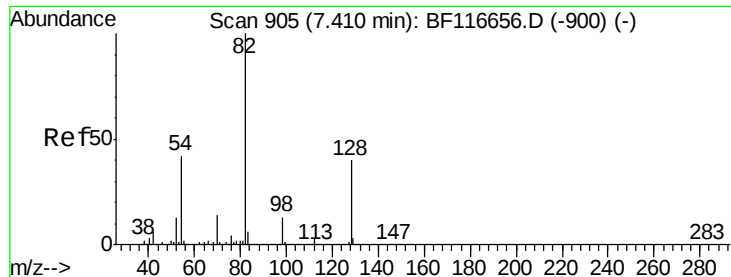
Tgt Ion:	70	Resp:	45603
Ion	Ratio	Lower	Upper
70	100		
42	37.7	43.5	65.3#
101	0.0	7.8	11.6#
130	1.9	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF116911.D
Acq: 9 Sep 2019 21:53

Tgt Ion:	136	Resp:	299034
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.7	4.8	7.2
68	4.8	4.0	6.0

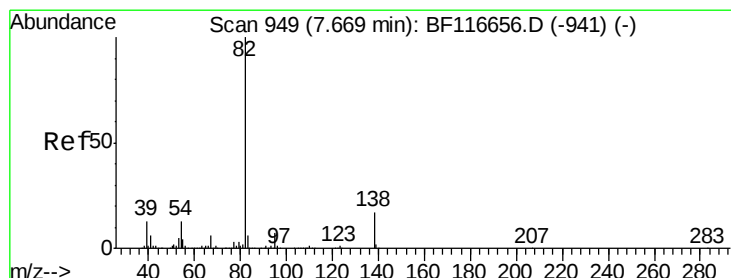
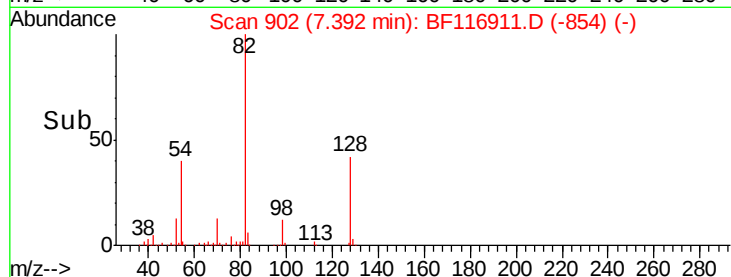
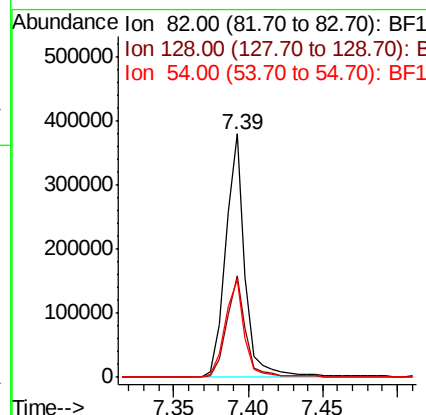
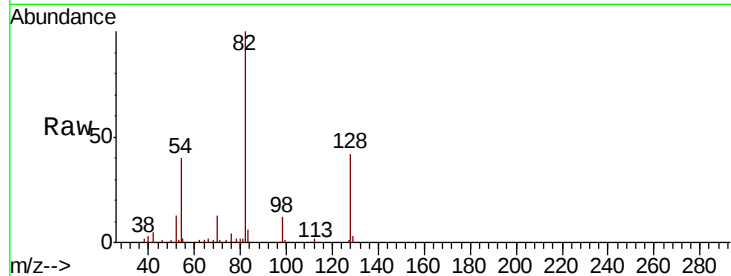




#23
 Nitrobenzene-d5
 Concen: 66.481 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF116911.D
 Acq: 9 Sep 2019 21:53

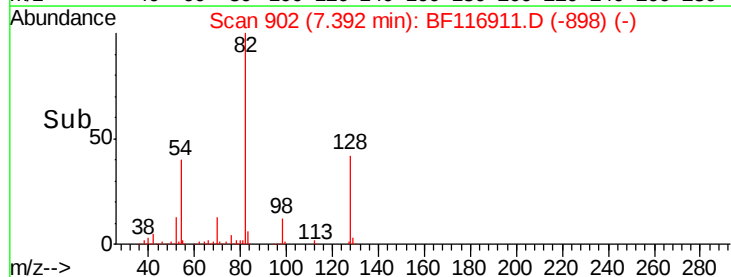
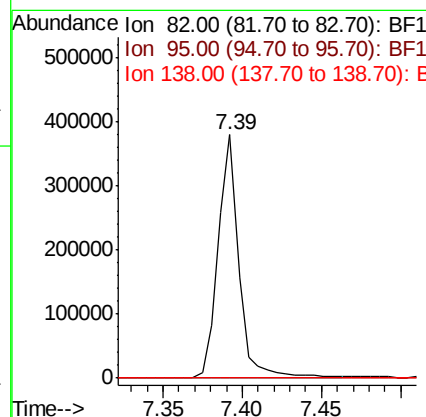
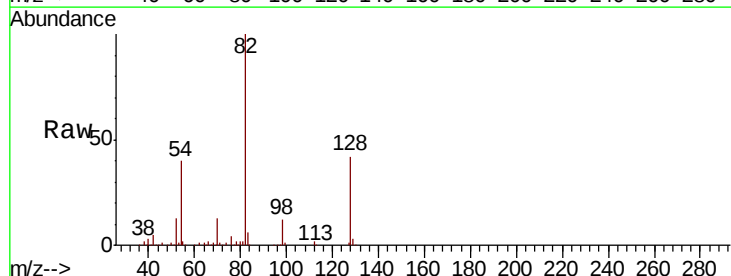
Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

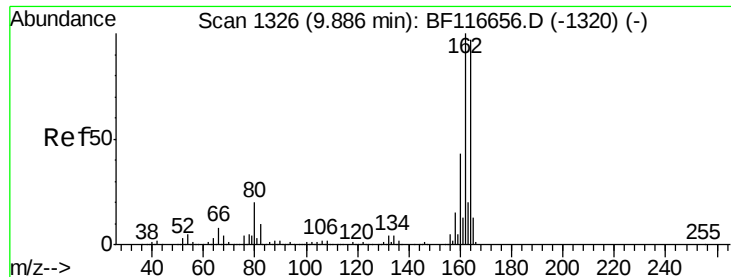
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.8	49.2
54	40.3	36.9	55.3



#25
 Isophorone
 Concen: 32.808 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.28 min
 Lab File: BF116911.D
 Acq: 9 Sep 2019 21:53

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

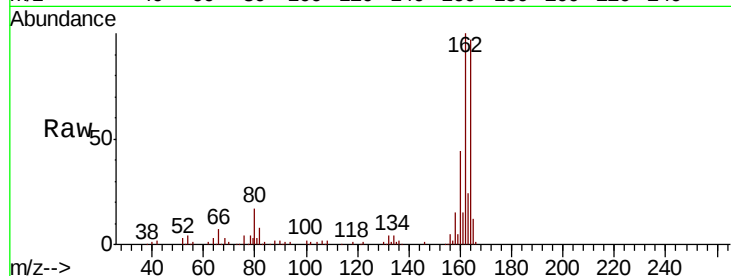




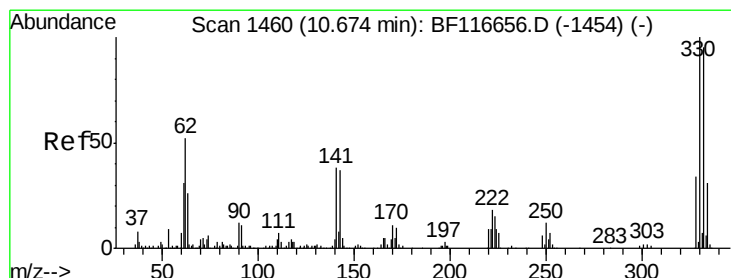
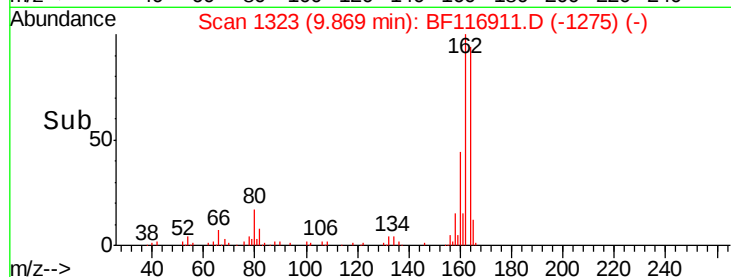
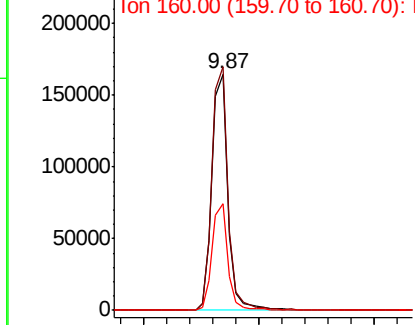
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116911.D
Acq: 9 Sep 2019 21:53

Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

Tgt Ion:164 Resp: 158738
Ion Ratio Lower Upper
164 100
162 103.1 81.4 122.0
160 45.4 35.4 53.2

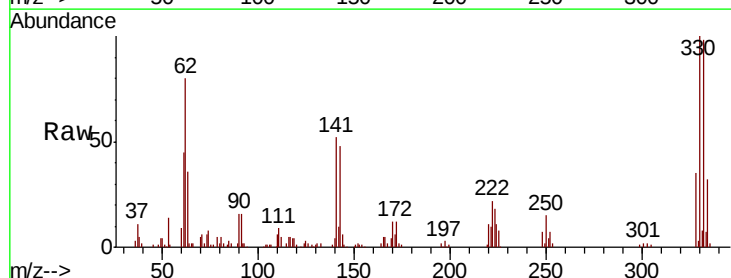


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

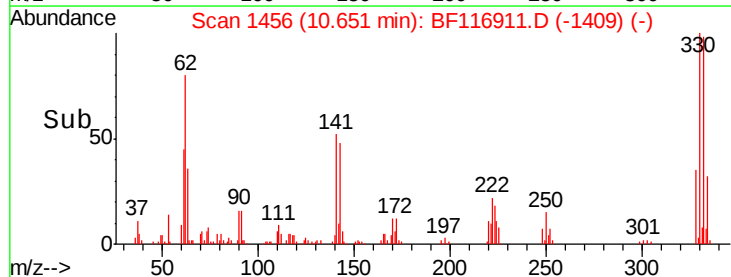
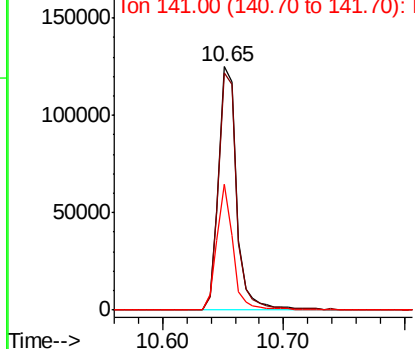


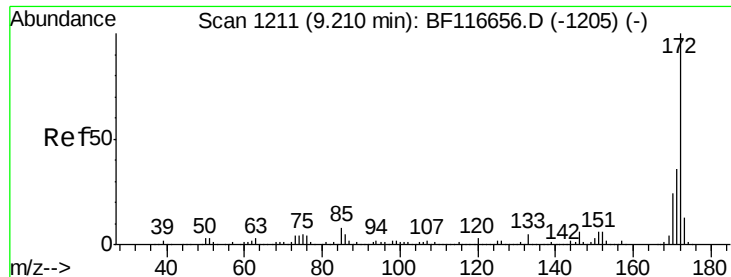
#42
2,4,6-Tribromophenol
Concen: 122.538 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.02 min
Lab File: BF116911.D
Acq: 9 Sep 2019 21:53

Tgt Ion:330 Resp: 130037
Ion Ratio Lower Upper
330 100
332 97.9 76.9 115.3
141 45.9 31.4 47.2



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

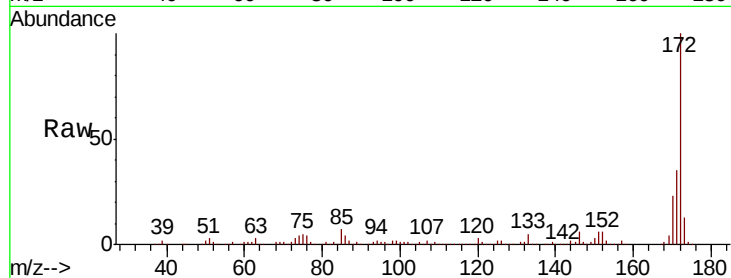




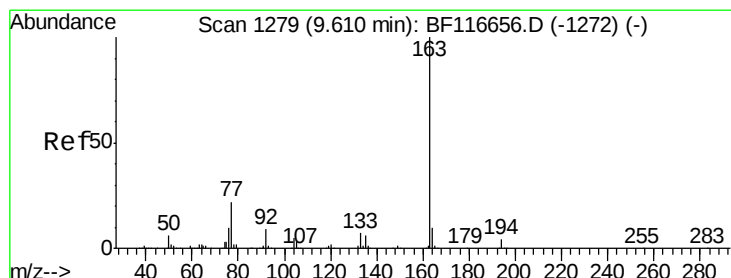
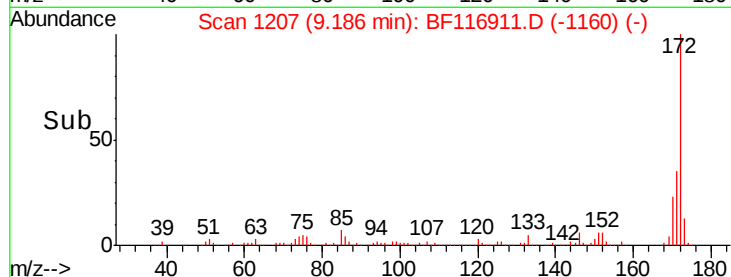
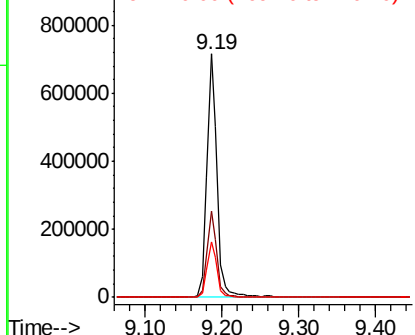
#45
 2-Fluorobiphenyl
 Concen: 69.291 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116911.D
 Acq: 9 Sep 2019 21:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Tgt Ion:172 Resp: 652030
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.8 41.6
 170 23.0 18.9 28.3

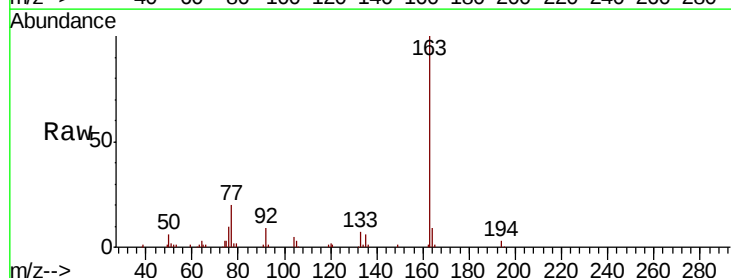


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

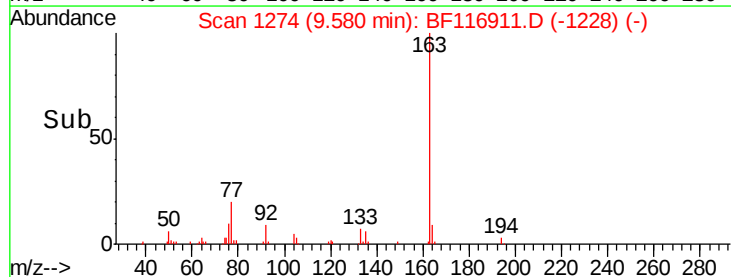
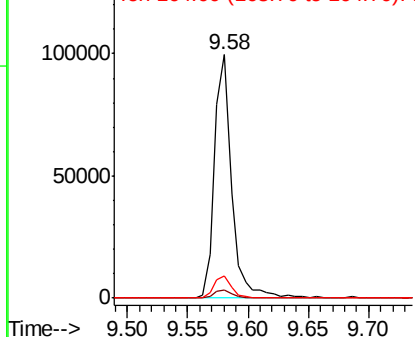


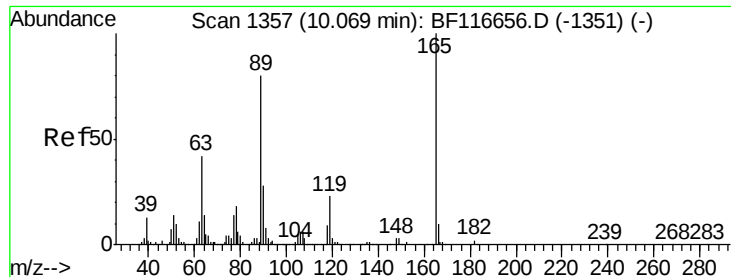
#50
 Dimethylphthalate
 Concen: 8.871 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.03 min
 Lab File: BF116911.D
 Acq: 9 Sep 2019 21:53

Tgt Ion:163 Resp: 97220
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.8 4.2
 164 9.2 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

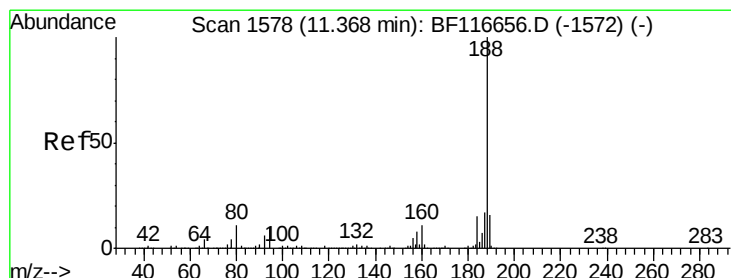
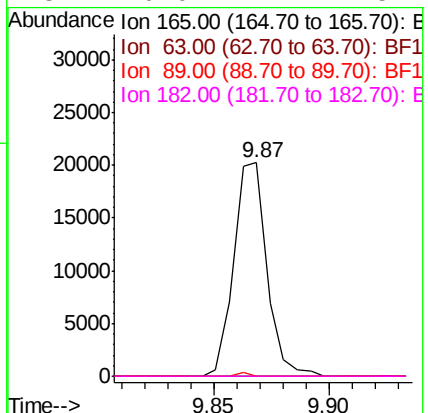
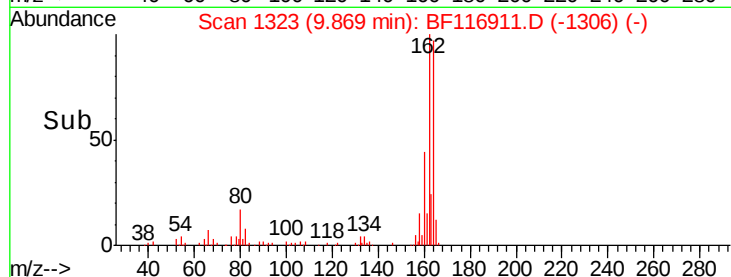
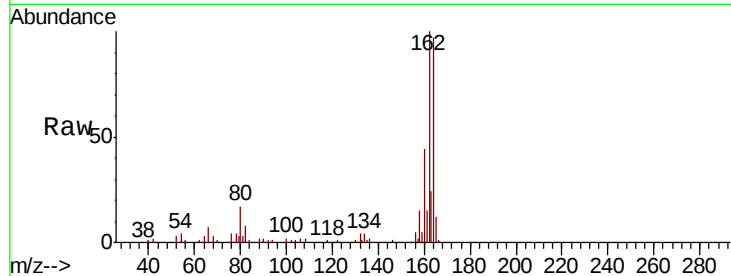




#57
 2,4-Dinitrotoluene
 Concen: 7.924 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.20 min
 Lab File: BF116911.D
 Acq: 9 Sep 2019 21:53

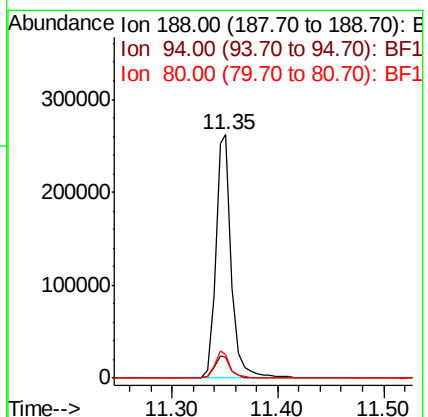
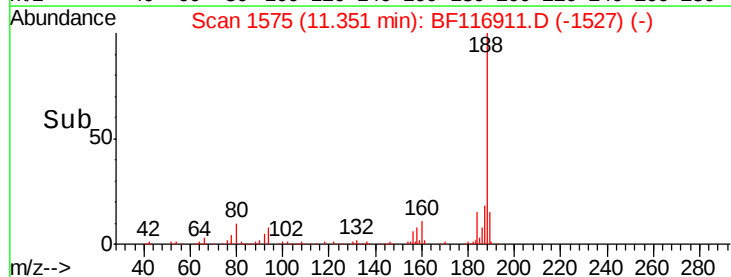
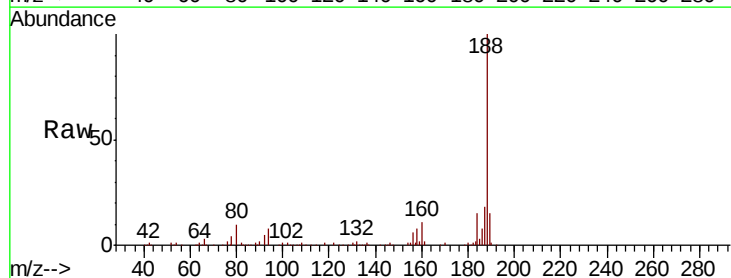
Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

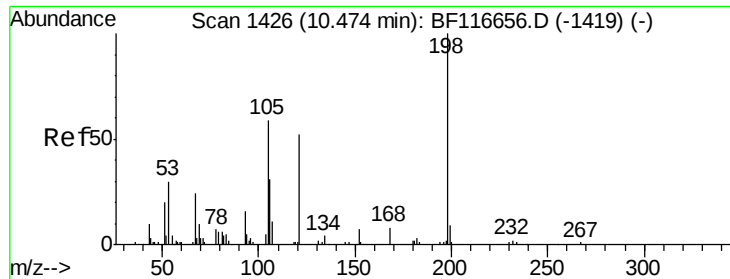
Tgt Ion:	165	Resp:	20260
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	62.6	94.0#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF116911.D
 Acq: 9 Sep 2019 21:53

Tgt Ion:	188	Resp:	273991
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.3	10.9
80	9.8	8.4	12.6

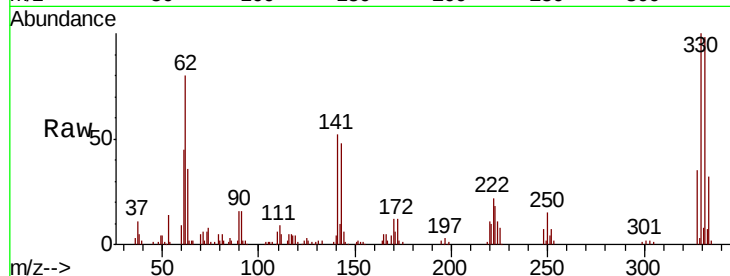




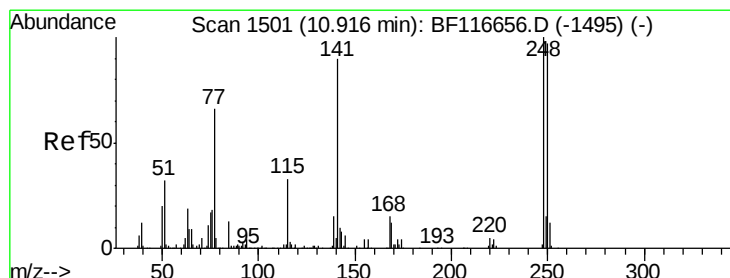
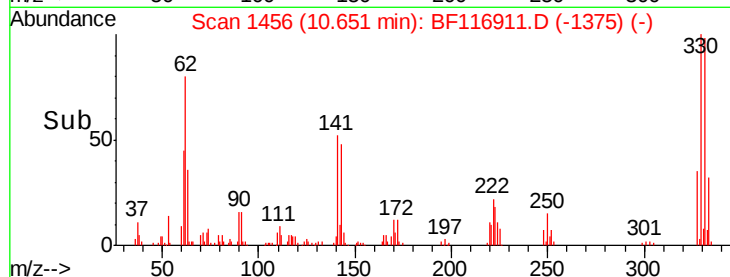
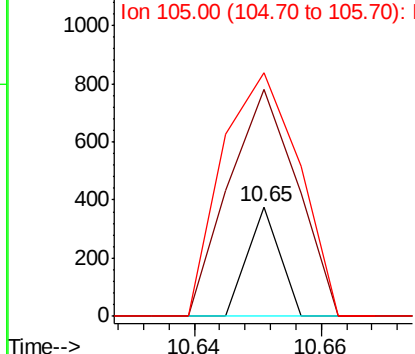
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.562 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.18 min
 Lab File: BF116911.D
 Acq: 9 Sep 2019 21:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Tgt Ion:198 Resp: 133
 Ion Ratio Lower Upper
 198 100
 51 206.9 18.4 58.4#
 105 222.0 22.9 62.9#

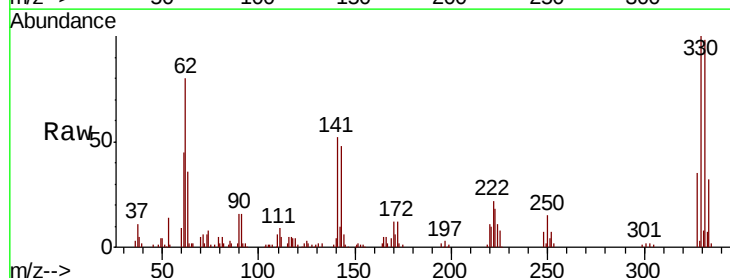


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

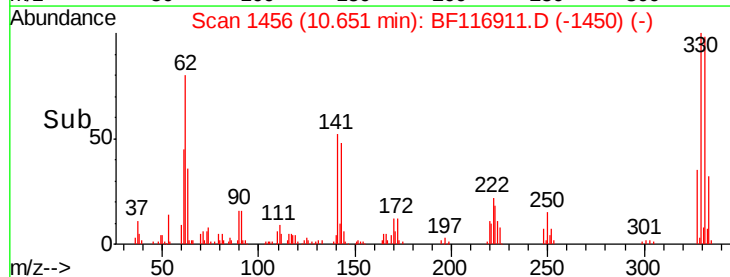
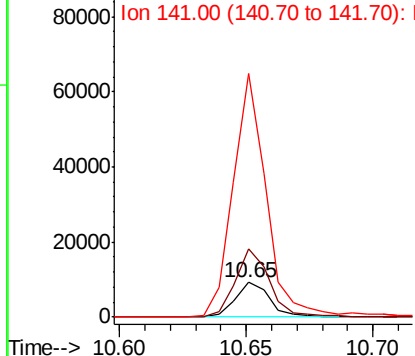


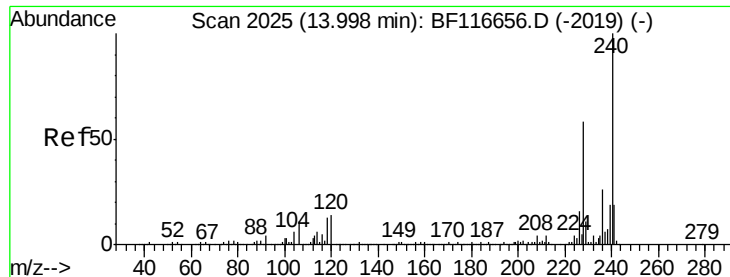
#67
 4-Bromophenyl-phenylether
 Concen: 3.108 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.26 min
 Lab File: BF116911.D
 Acq: 9 Sep 2019 21:53

Tgt Ion:248 Resp: 8652
 Ion Ratio Lower Upper
 248 100
 250 199.8 77.8 116.8#
 141 706.2 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

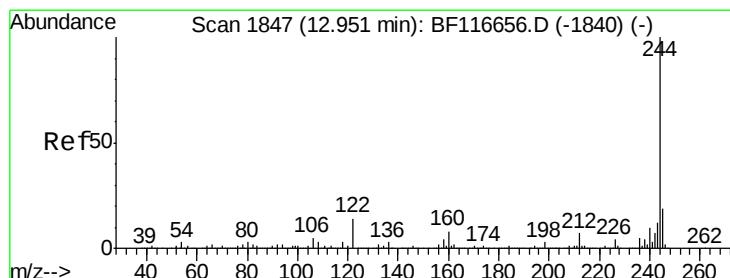
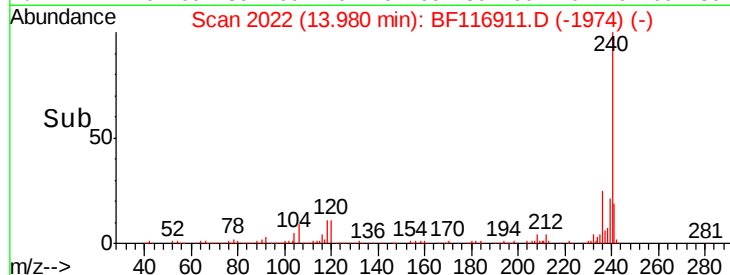
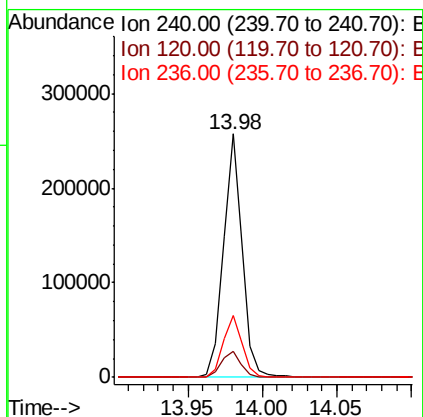
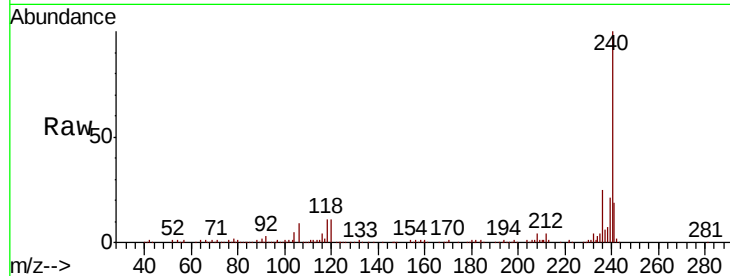




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF116911.D
Acq: 9 Sep 2019 21:53

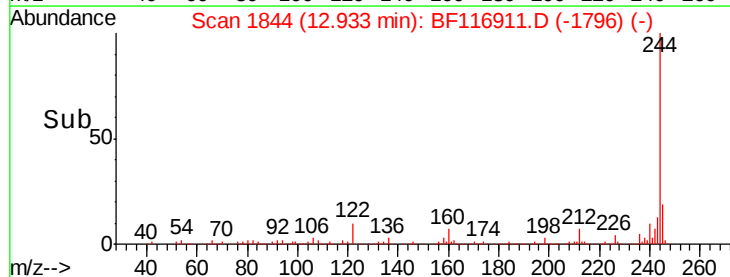
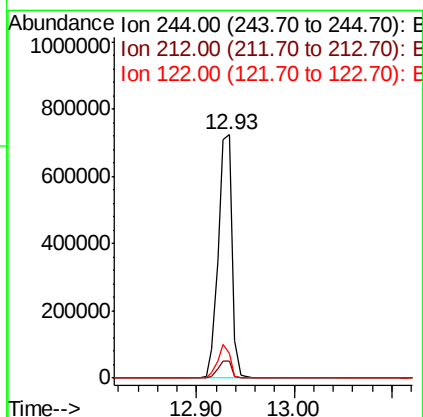
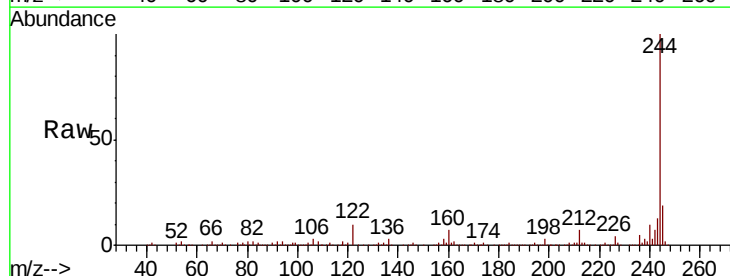
Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

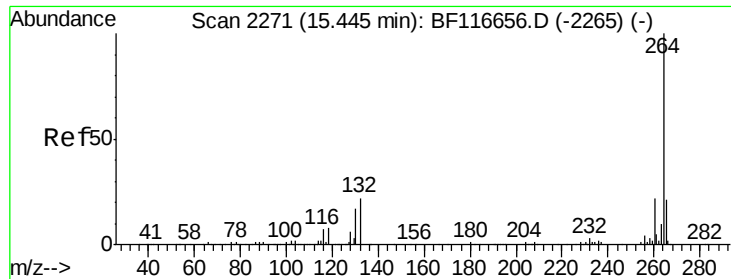
Tgt Ion:240 Resp: 229304
Ion Ratio Lower Upper
240 100
120 10.7 9.1 13.7
236 25.3 21.1 31.7



#79
Terphenyl-d14
Concen: 57.190 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF116911.D
Acq: 9 Sep 2019 21:53

Tgt Ion:244 Resp: 708880
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 10.2 10.2 15.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF116911.D
Acq: 9 Sep 2019 21:53

Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	20.9	16.5	24.7

