

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116817.D
 Acq On : 4 Sep 2019 15:59
 Operator : HP/JU
 Sample : K4625-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 05 02:06:55 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

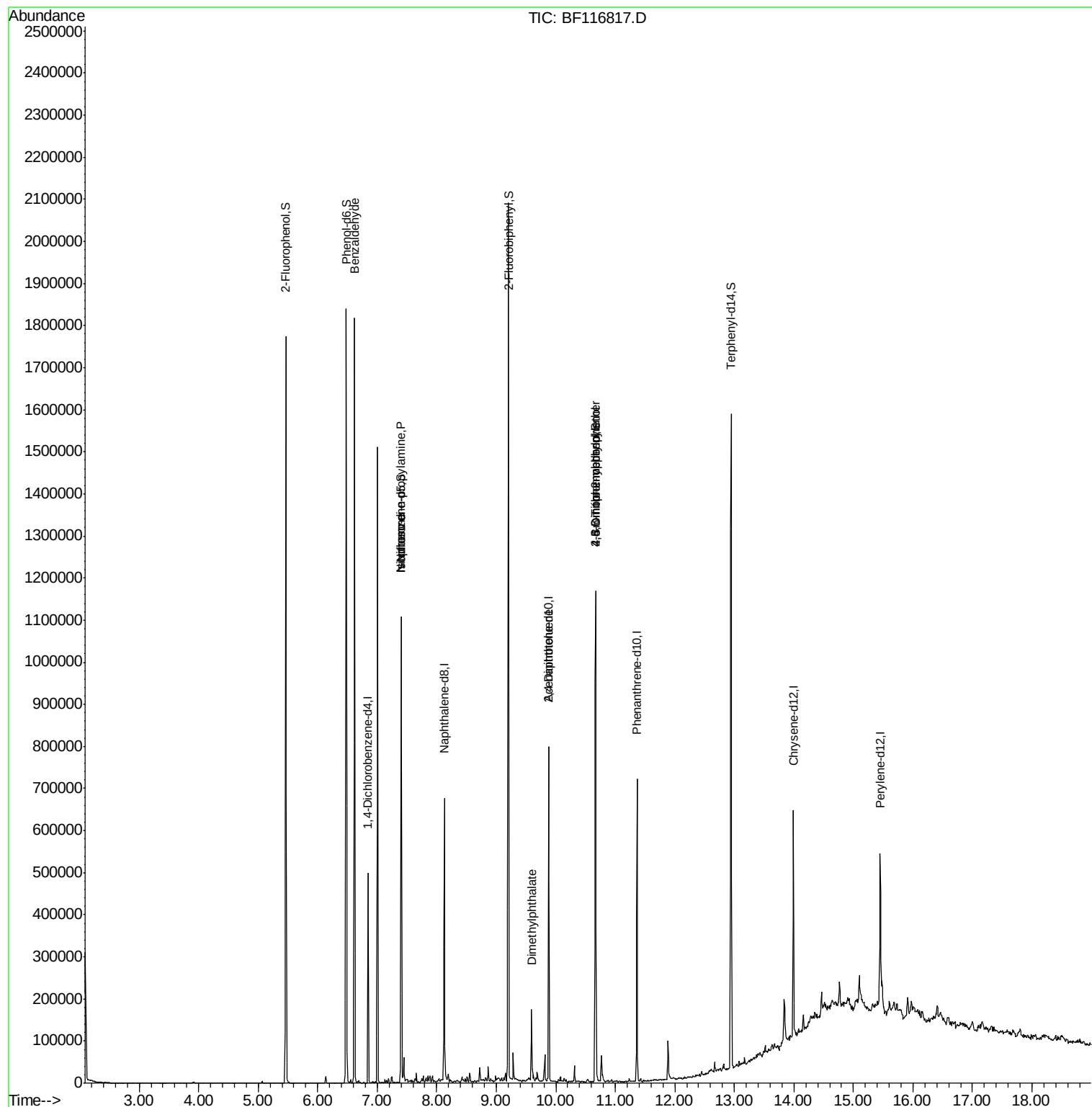
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	69424	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	284646	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	143285	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	227602	20.00	ng	0.00
76) Chrysene-d12	13.99	240	158274	20.00	ng	0.00
87) Perylene-d12	15.45	264	161670	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	470827	109.87	ng	0.00
7) Phenol-d6	6.48	99	626500	111.34	ng	0.00
23) Nitrobenzene-d5	7.40	82	383180	76.85	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	117984	123.17	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	569871	67.09	ng	0.00
79) Terphenyl-d14	12.94	244	474970	55.52	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	12512	3.375	ng	80
19) n-Nitroso-di-n-propylamine	7.40	70	50353	13.590	ng	# 72
25) Isophorone	7.40	82	383177	37.925	ng	# 66
50) Dimethylphthalate	9.59	163	57281	5.790	ng	100
57) 2,4-Dinitrotoluene	9.88	165	18304	7.931	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.66	198	116	7.568	ng	# 1
67) 4-Bromophenyl-phenylether	10.67	248	7663	3.314	ng	# 1

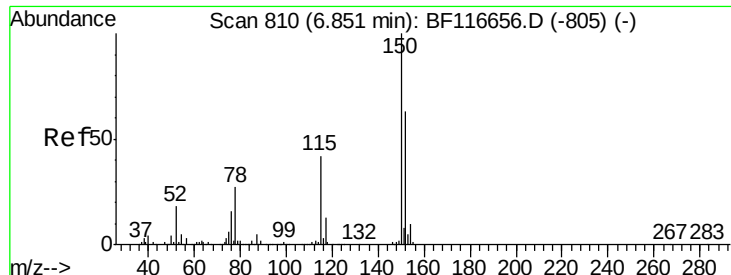
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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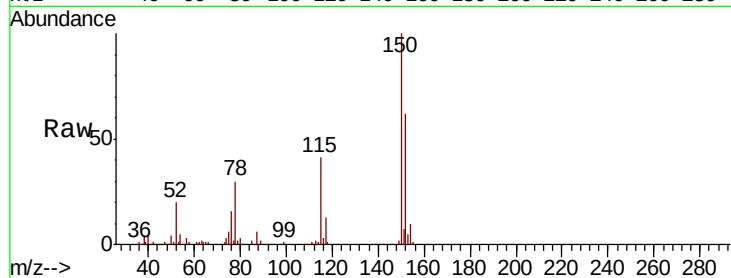


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116817.D
Acq: 4 Sep 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.4	186.6
115	65.6	49.9	74.9

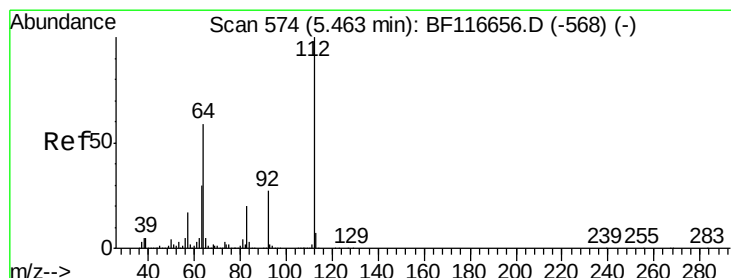
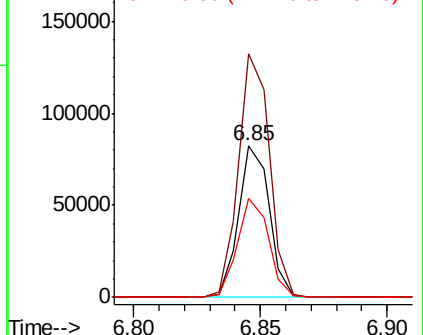
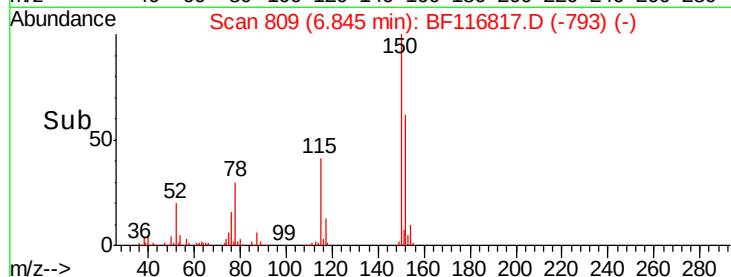


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

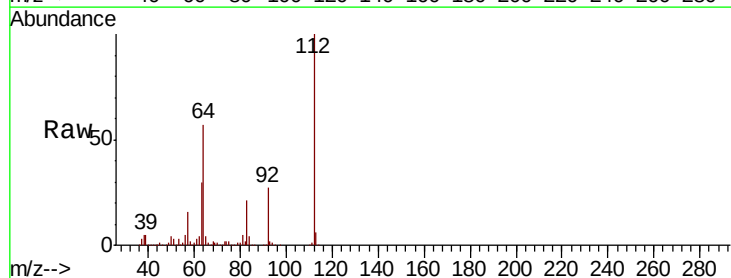
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.871 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116817.D
Acq: 4 Sep 2019 15:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.1	70.7
63	29.7	24.9	37.3

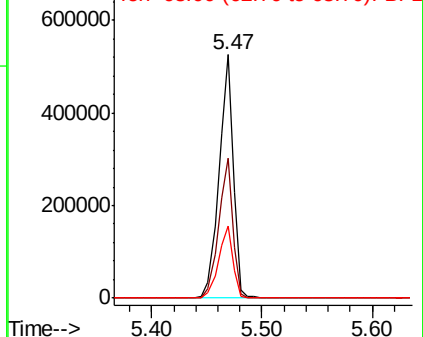
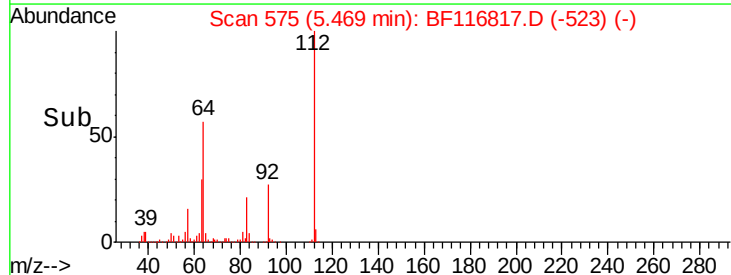


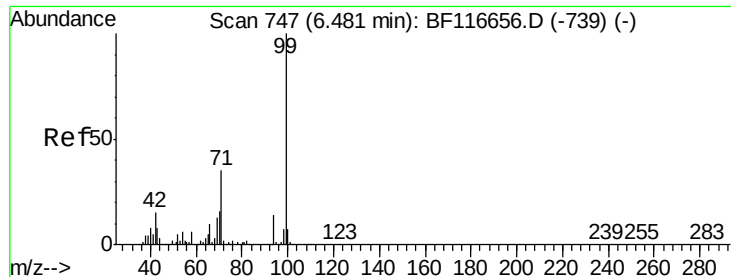
Abundance

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: 111.337 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116817.D

Acq: 4 Sep 2019 15:59

Instrument :

BNA_F

ClientSampleId :

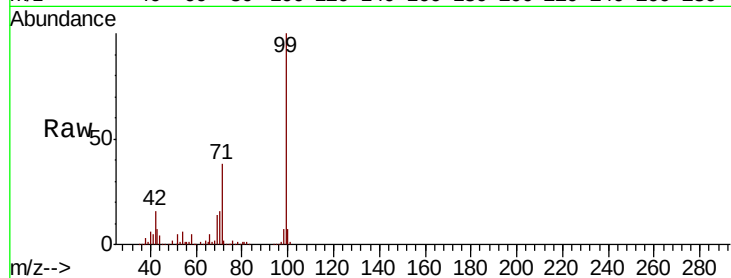
Tot Ion: 99 Resp: 626500

Ion Ratio Lower Upper

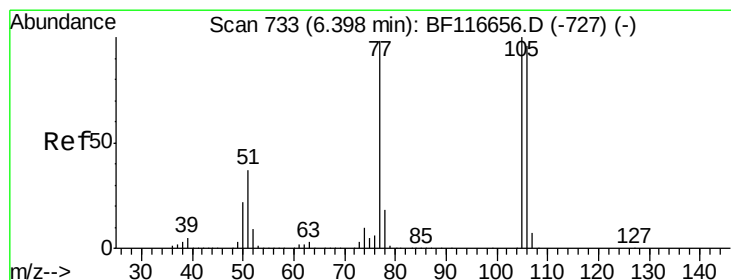
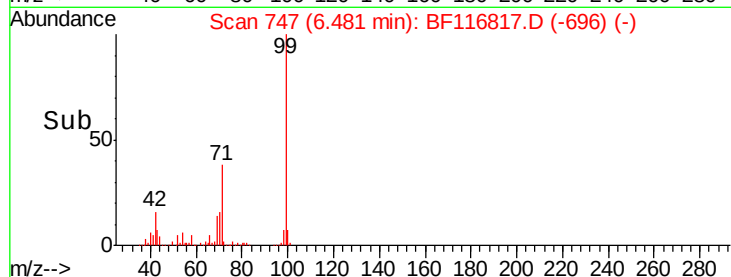
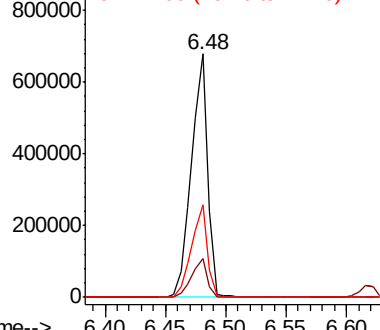
99 100

42 15.7 13.7 20.5

71 37.8 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: 3.375 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.22 min

Lab File: BF116817.D

Acq: 4 Sep 2019 15:59

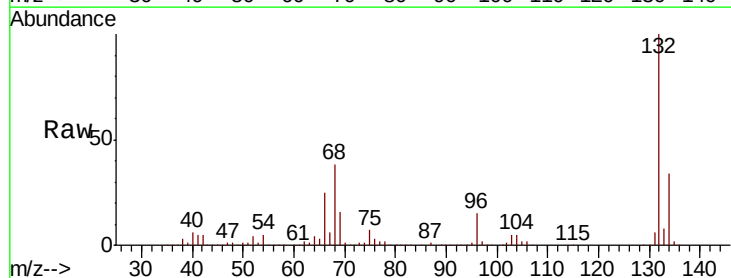
Tgt Ion: 77 Resp: 12512

Ion Ratio Lower Upper

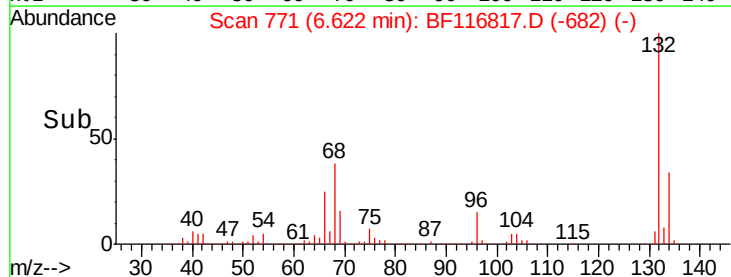
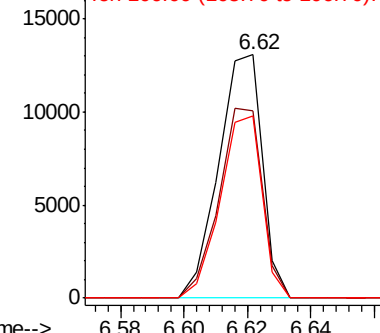
77 100

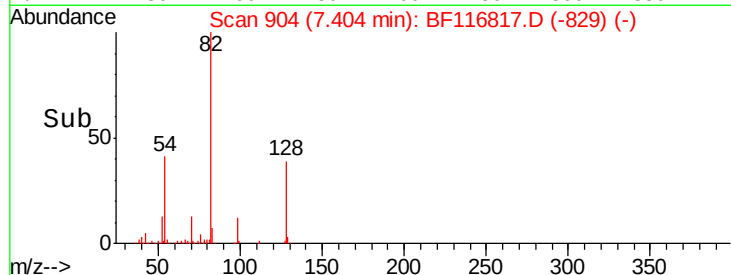
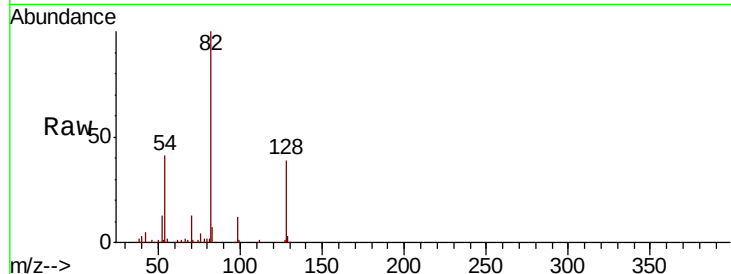
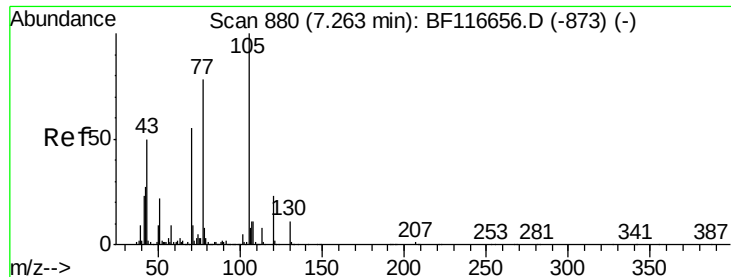
105 77.0 76.7 116.7

106 74.9 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

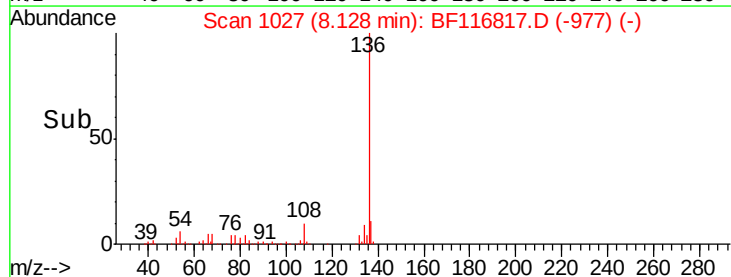
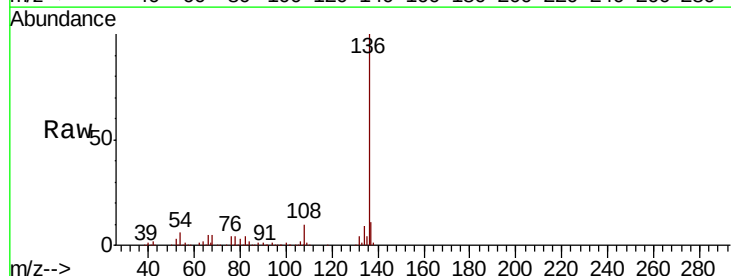
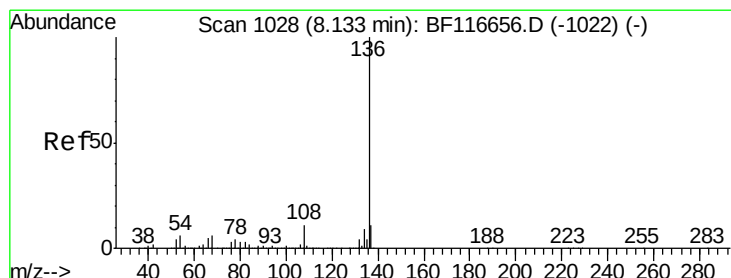
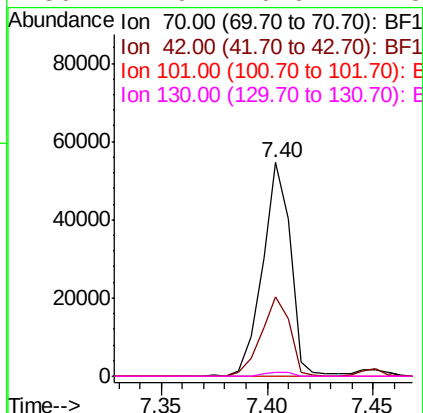




#19
n-Nitroso-di-n-propylamine
Concen: 13.590 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116817.D
Acq: 4 Sep 2019 15:59

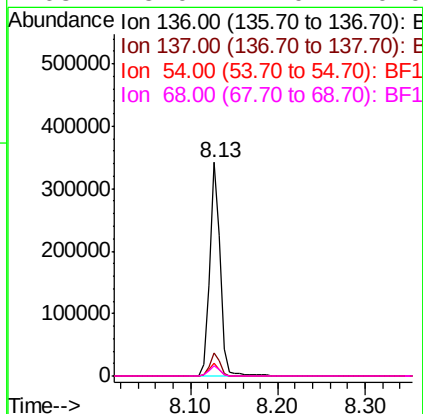
Instrument :
BNA_F
ClientSampleId :

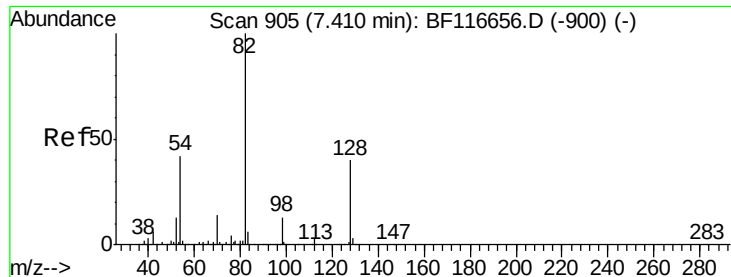
Tot Ion:	70	Resp:	50353
Ion	Ratio	Lower	Upper
70	100		
42	37.4	43.5	65.3#
101	0.0	7.8	11.6#
130	1.9	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116817.D
Acq: 4 Sep 2019 15:59

Tgt Ion:	136	Resp:	284646
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.9	4.8	7.2
68	5.0	4.0	6.0

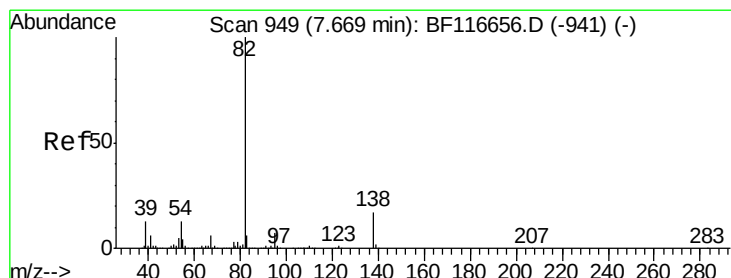
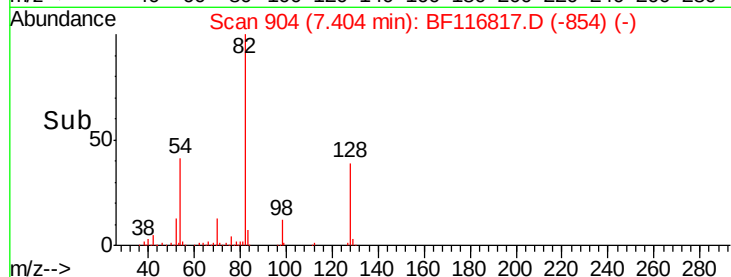
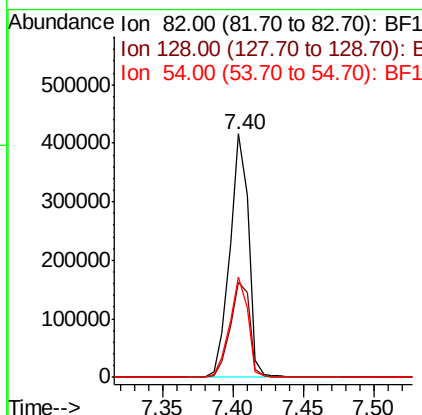
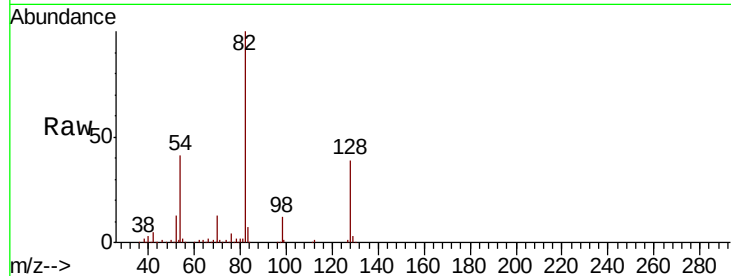




#23
 Nitrobenzene-d5
 Concen: 76.849 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116817.D
 Acq: 4 Sep 2019 15:59

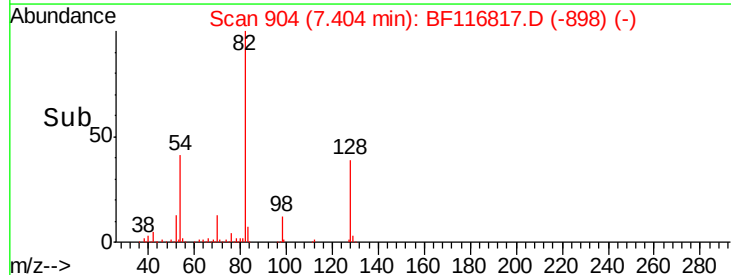
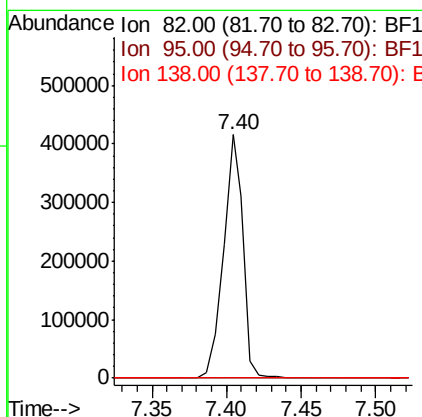
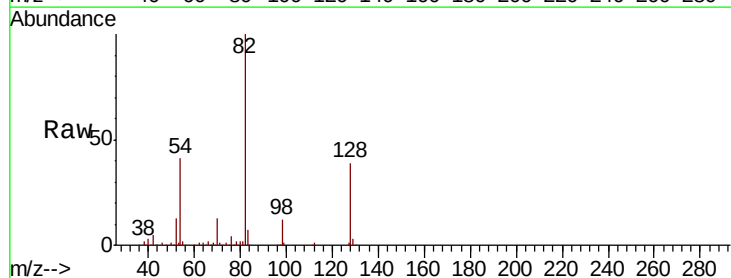
Instrument :
 BNA_F
 ClientSampleId :

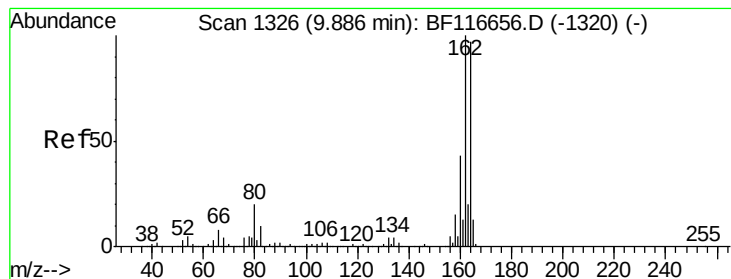
Tot Ion	82	Resp	383180
Ion Ratio	Lower	Upper	
82	100		
128	39.3	32.8	49.2
54	41.2	36.9	55.3



#25
 Isophorone
 Concen: 37.925 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.26 min
 Lab File: BF116817.D
 Acq: 4 Sep 2019 15:59

Tgt Ion	82	Resp	383177
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: BF116817.D

Acq: 4 Sep 2019 15:59

Instrument :

BNA_F

ClientSampleId :

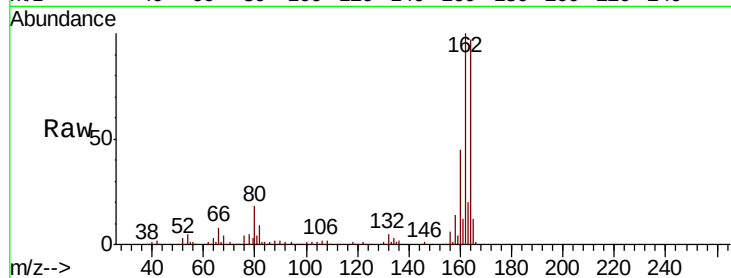
Tot Ion:164 Resp: 143285

Ion Ratio Lower Upper

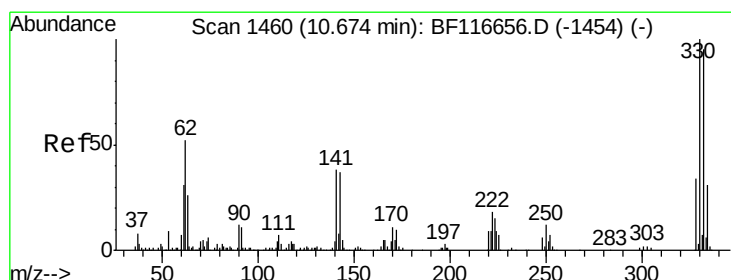
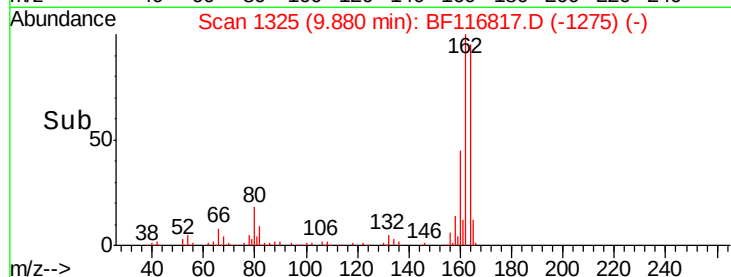
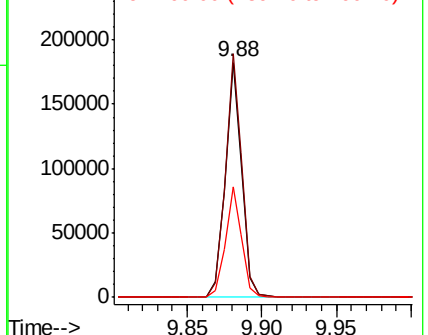
164 100

162 103.6 81.4 122.0

160 46.7 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: 123.171 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116817.D

Acq: 4 Sep 2019 15:59

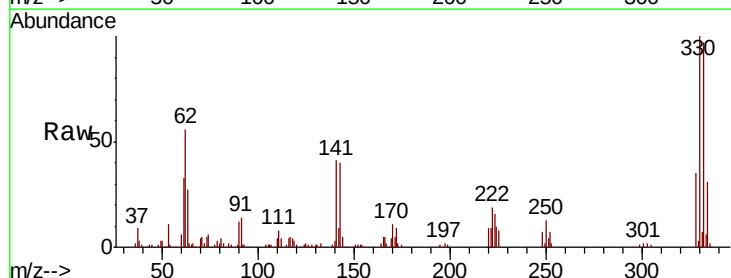
Tgt Ion:330 Resp: 117984

Ion Ratio Lower Upper

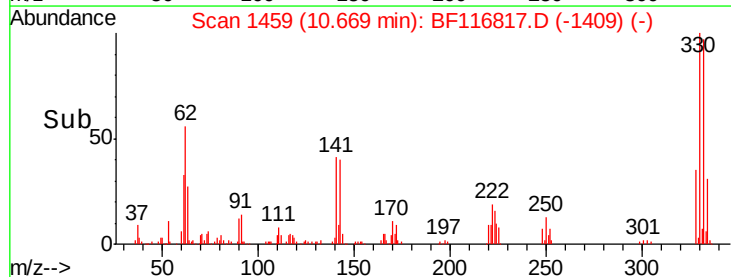
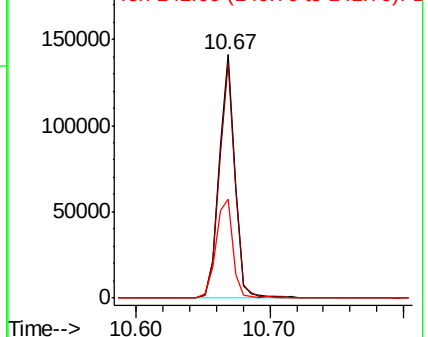
330 100

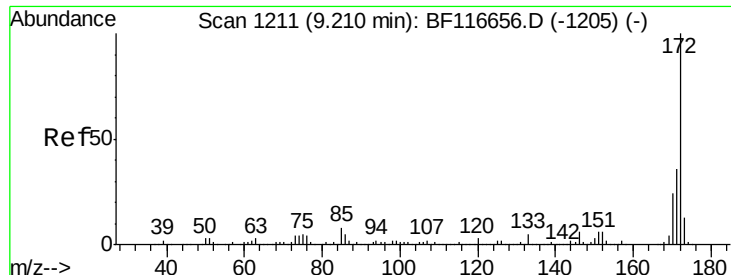
332 96.5 76.9 115.3

141 44.2 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

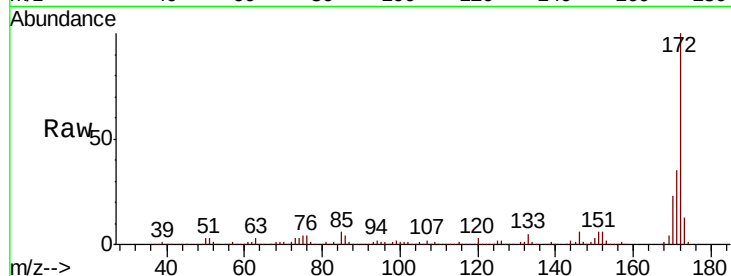




#45
2-Fluorobiphenyl
Concen: 67.091 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116817.D
Acq: 4 Sep 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.1	18.9	28.3

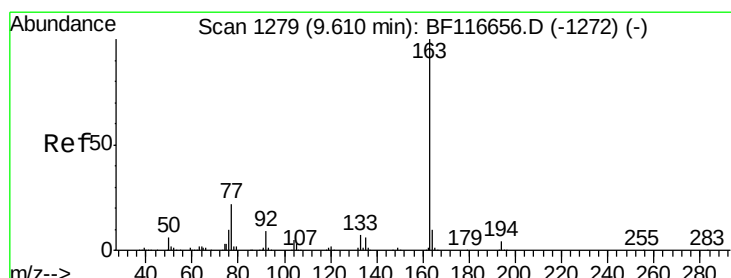
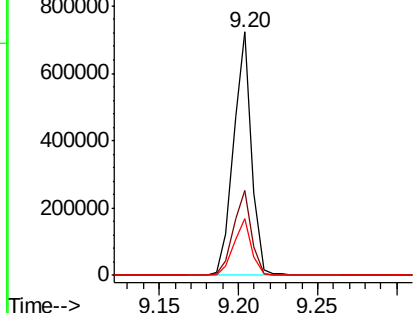
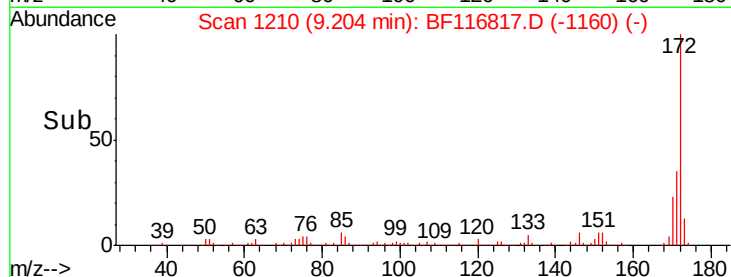


Abundance

Ion 172.00 (171.70 to 172.70): E

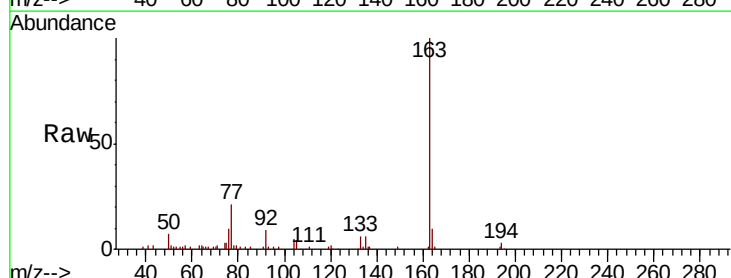
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 5.790 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116817.D
Acq: 4 Sep 2019 15:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.5	8.6	12.8

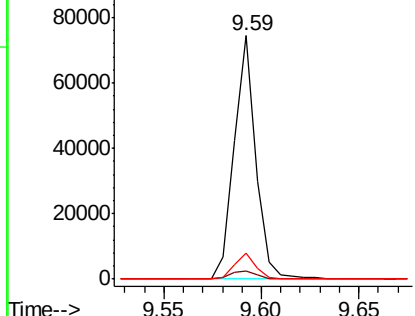
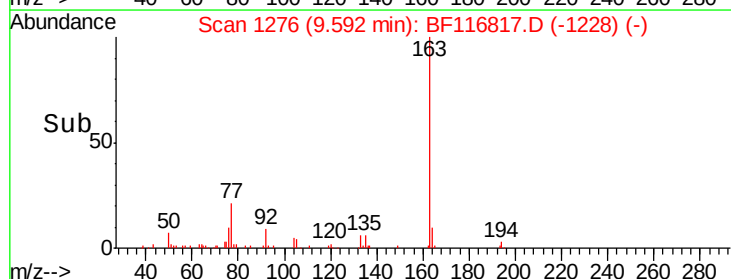


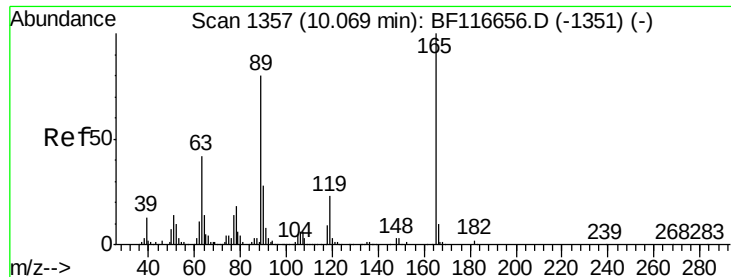
Abundance

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: 7.931 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF116817.D

Acq: 4 Sep 2019 15:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 18304

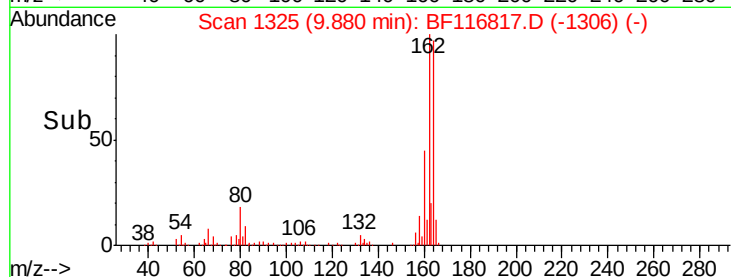
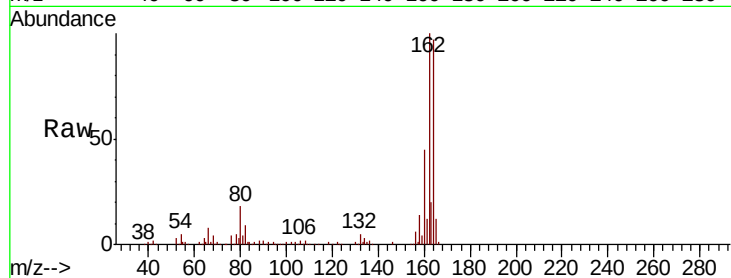
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 0.0 62.6 94.0#

182 0.0 2.1 3.1#

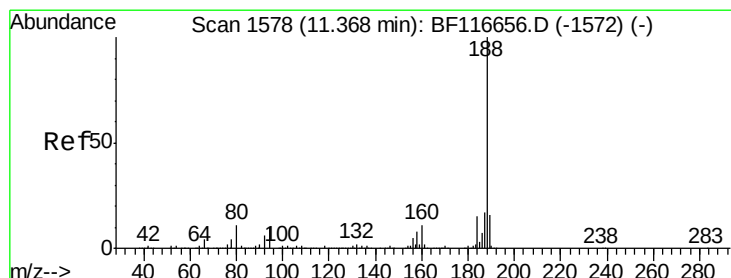
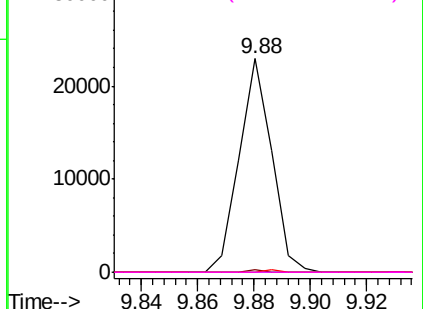


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116817.D

Acq: 4 Sep 2019 15:59

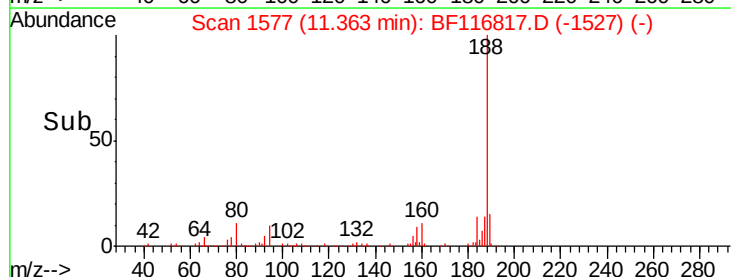
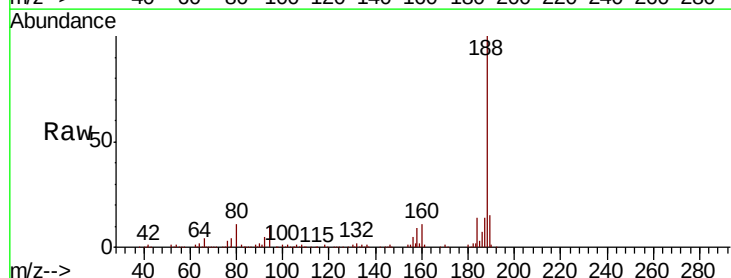
Tgt Ion:188 Resp: 227602

Ion Ratio Lower Upper

188 100

94 9.6 7.3 10.9

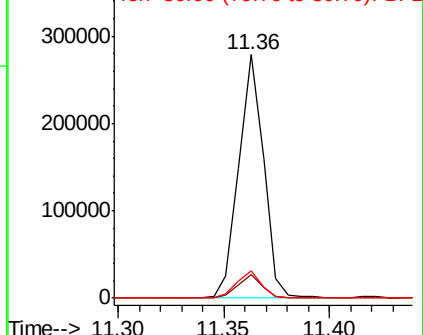
80 11.0 8.4 12.6

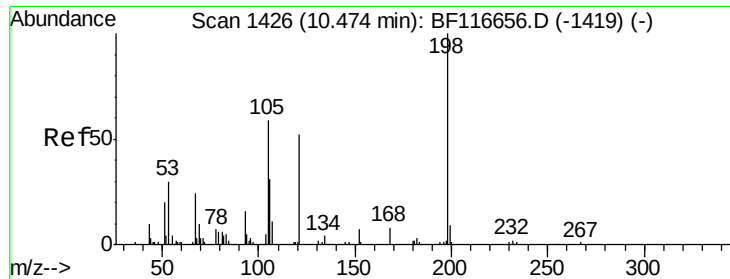


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

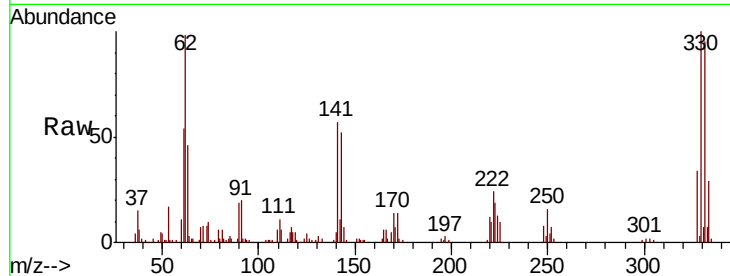




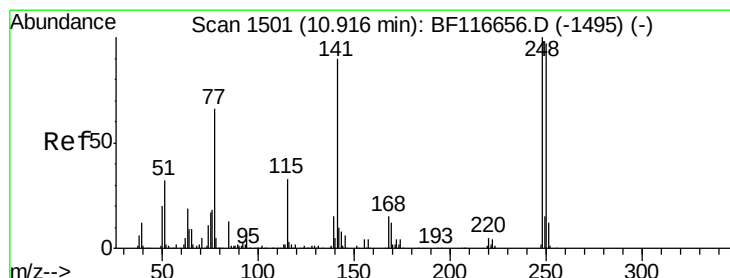
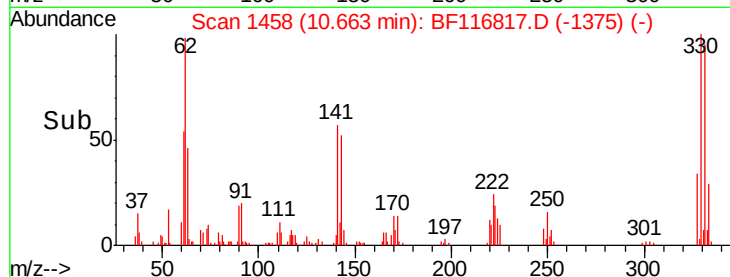
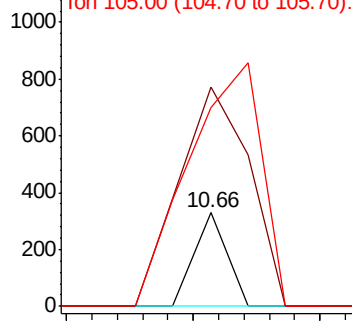
#65
4,6-Dinitro-2-methylphenol
Concen: 7.568 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116817.D
Acq: 4 Sep 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 116
Ion Ratio Lower Upper
198 100
51 235.4 18.4 58.4#
105 213.4 22.9 62.9#

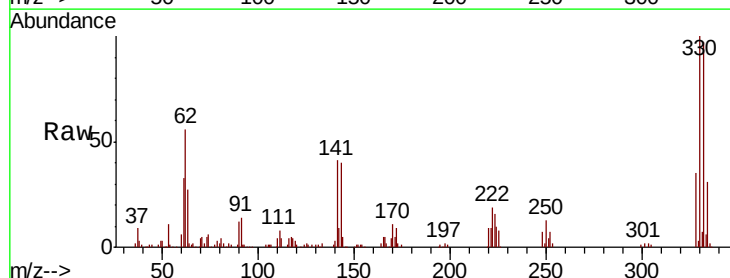


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

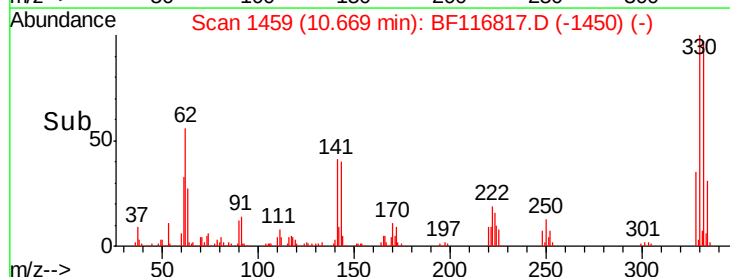
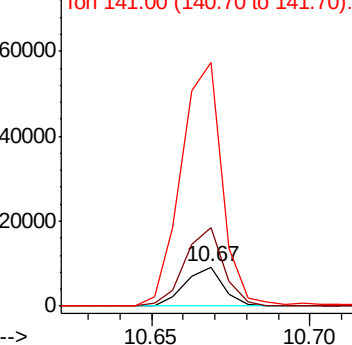


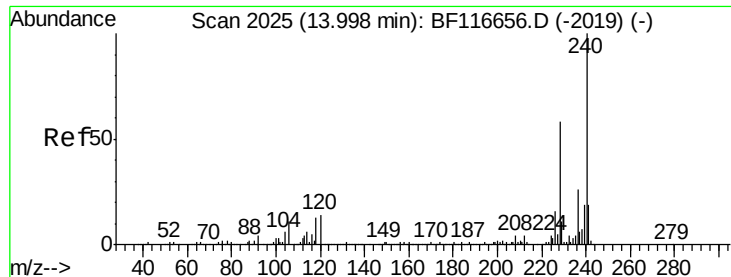
#67
4-Bromophenyl-phenylether
Concen: 3.314 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF116817.D
Acq: 4 Sep 2019 15:59

Tgt Ion:248 Resp: 7663
Ion Ratio Lower Upper
248 100
250 200.2 77.8 116.8#
141 618.0 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: BF116817.D

Acq: 4 Sep 2019 15:59

Instrument :

BNA_F

ClientSampled :

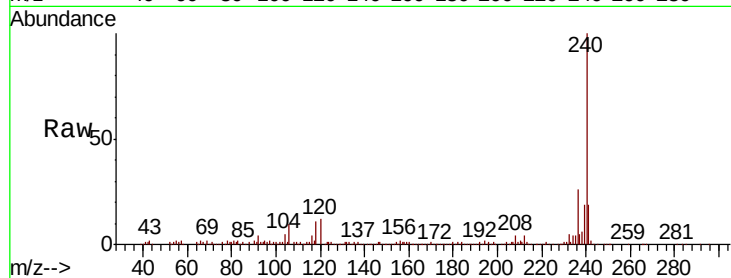
Tot Ion:240 Resp: 158274

Ion Ratio Lower Upper

240 100

120 11.7 9.1 13.7

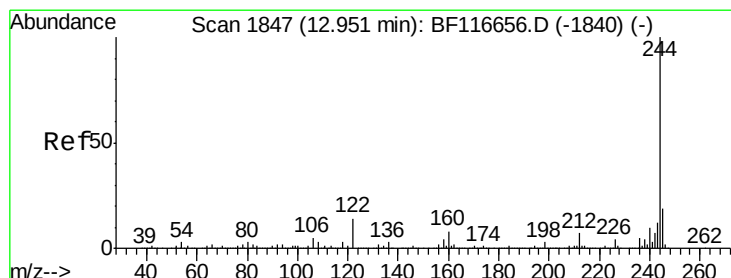
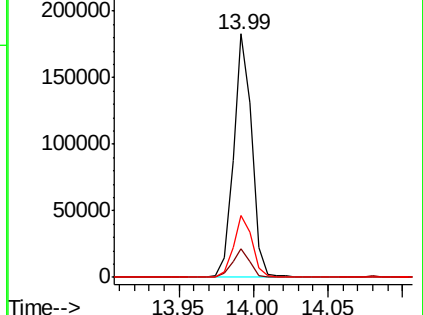
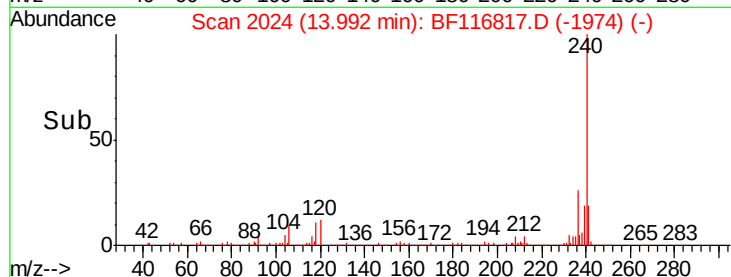
236 25.6 21.1 31.7



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: 55.516 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116817.D

Acq: 4 Sep 2019 15:59

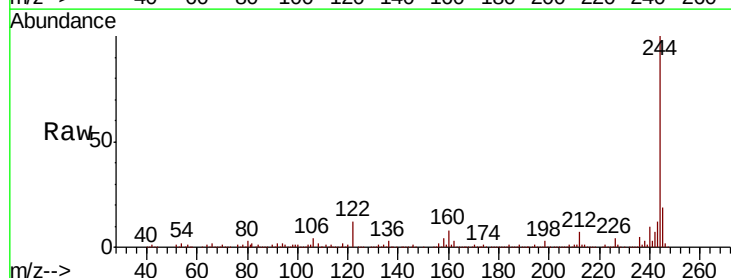
Tgt Ion:244 Resp: 474970

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

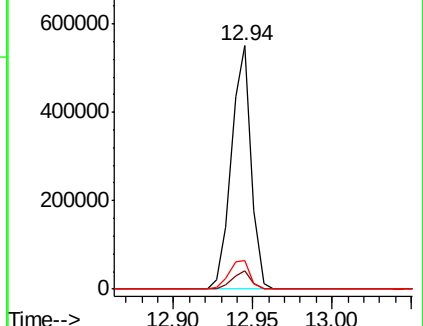
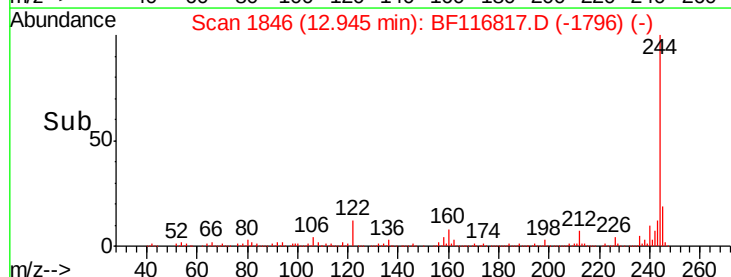
122 12.0 10.2 15.4

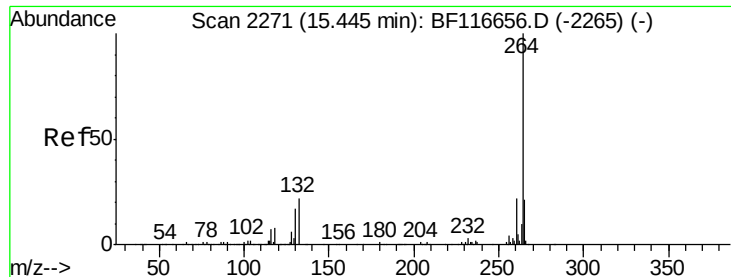


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF116817.D
 Acq: 4 Sep 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	21.9	16.5	24.7

