

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
 Data File : BF118236.D
 Acq On : 17 Dec 2019 19:51
 Operator : JU
 Sample : K6327-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 05:05:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

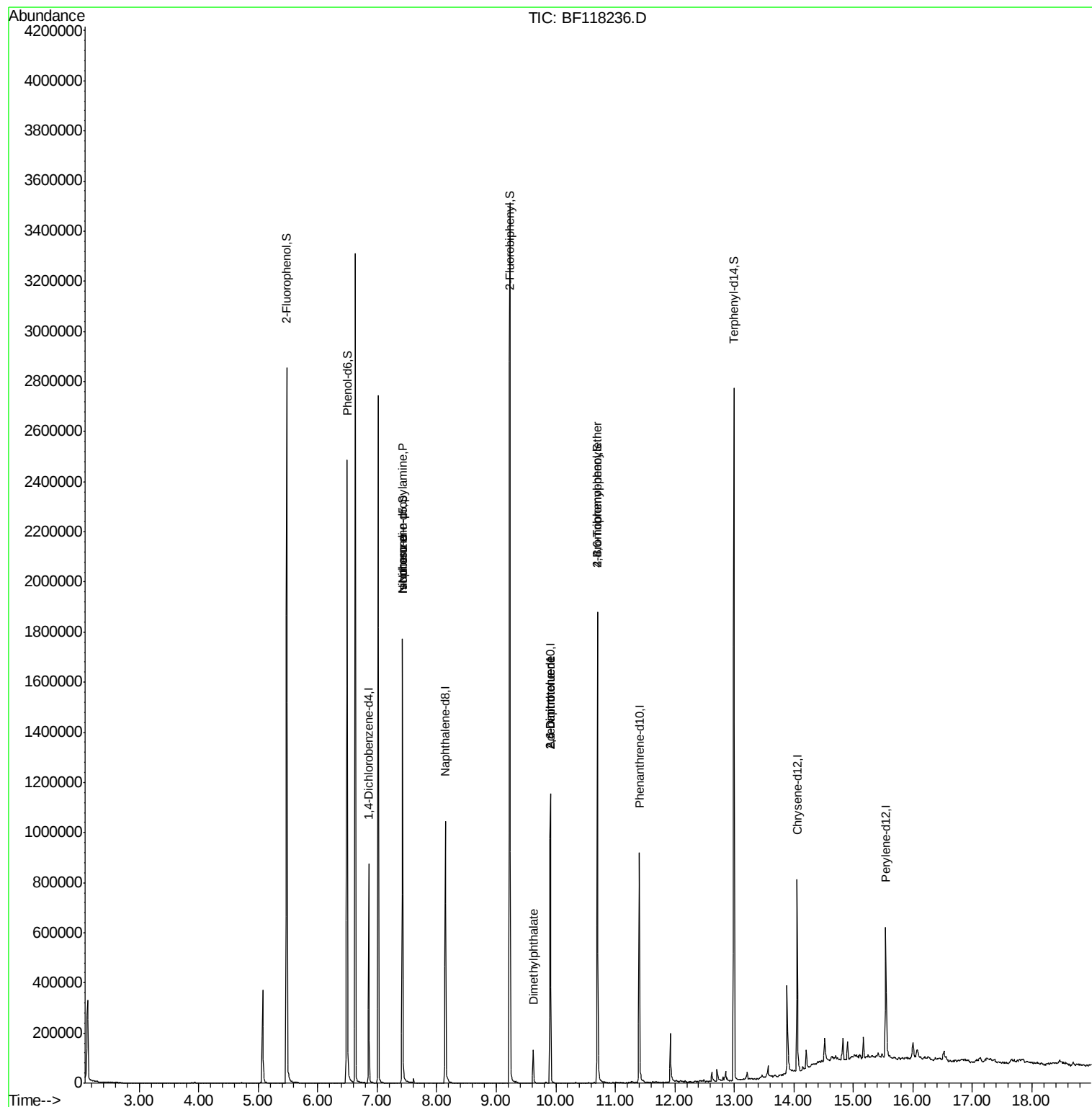
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	132498	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	496542	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	241662	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	376314	20.00	ng	0.00
76) Chrysene-d12	14.06	240	269645	20.00	ng	-0.01
87) Perylene-d12	15.54	264	237602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	798638	105.57	ng	0.00
7) Phenol-d6	6.50	99	1002787	109.59	ng	0.00
23) Nitrobenzene-d5	7.43	82	595159	67.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	247906	84.44	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1071652	67.48	ng	-0.01
79) Terphenyl-d14	12.99	244	891243	56.84	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	1717	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propylamine	7.43	70	82750	14.883 ng	#	76
25) Isophorone	7.43	82	595156	39.777 ng	#	62
50) Dimethylphthalate	9.62	163	64572	3.617 ng		98
51) 2,6-Dinitrotoluene	9.91	165	29330	7.557 ng	#	27
57) 2,4-Dinitrotoluene	9.91	165	29330	5.661 ng	#	25
67) 4-Bromophenyl-phenylether	10.70	248	15329	3.568 ng	#	1

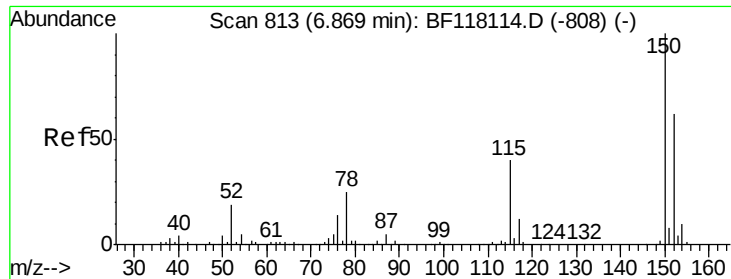
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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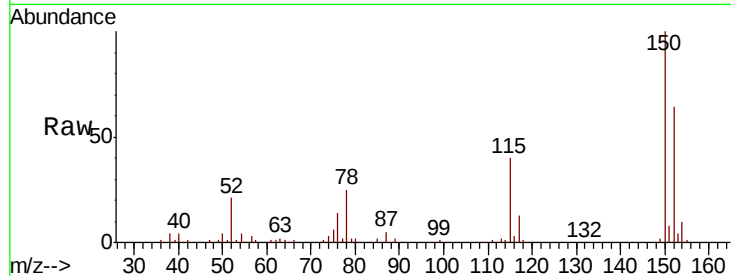


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF118236.D
 Acq: 17 Dec 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	128.3	192.5
115	62.1	51.1	76.7

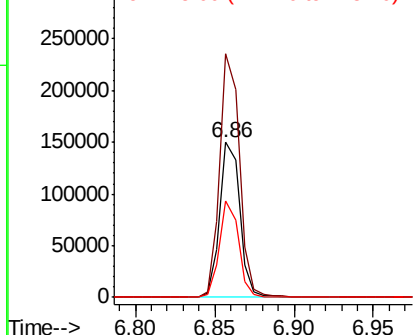
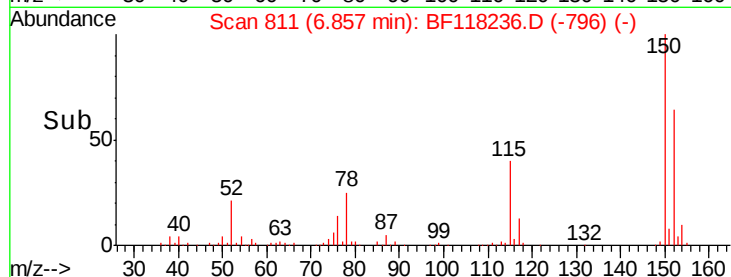


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

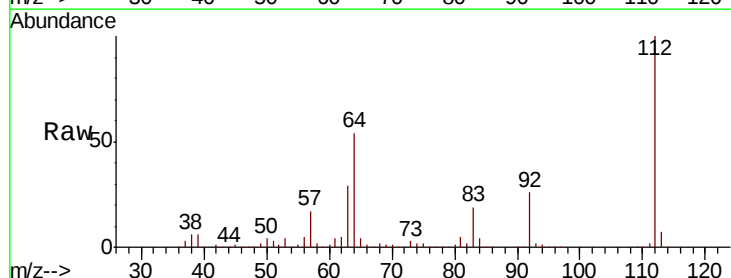
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 105.570 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF118236.D
 Acq: 17 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	41.3	61.9
63	28.9	22.4	33.6

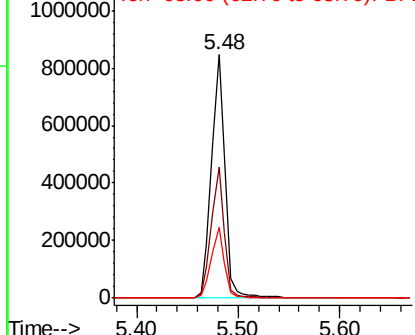
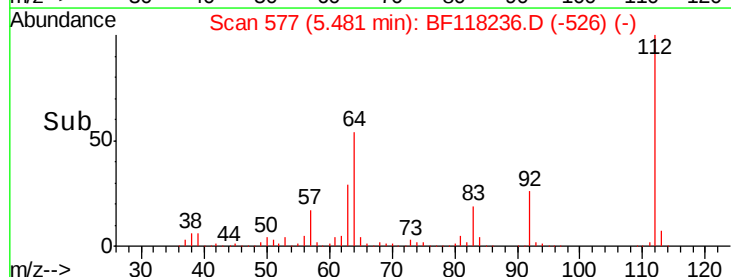


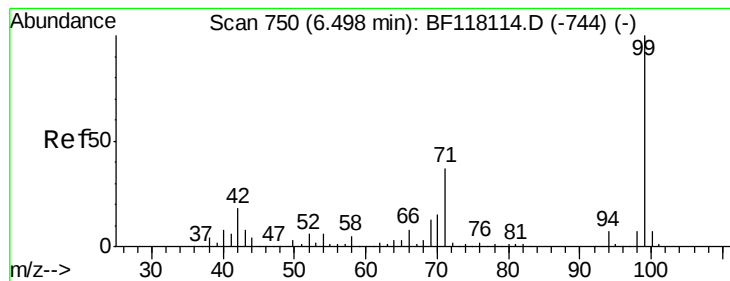
Abundance

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: 109.593 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118236.D

Acq: 17 Dec 2019 19:51

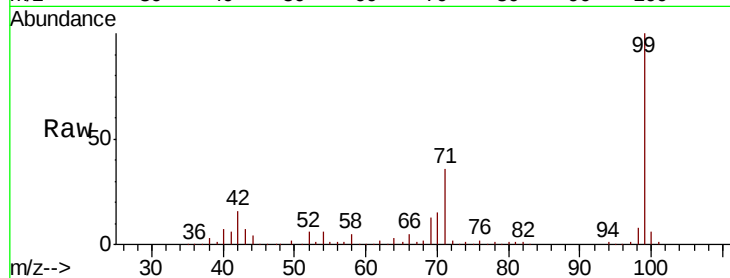
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1002787

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.1	21.1
71	35.7	29.7	44.5

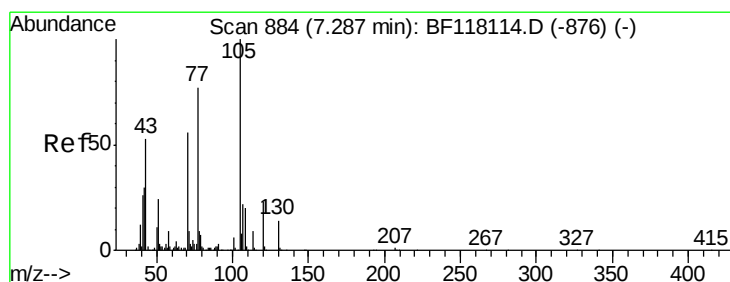
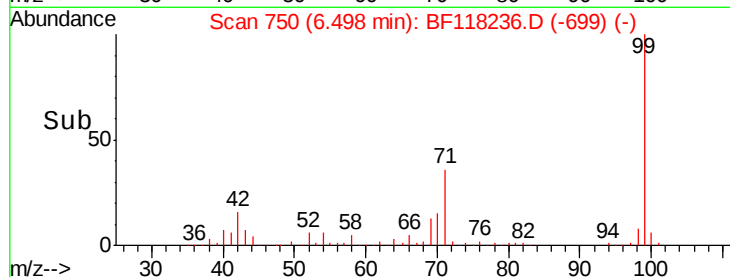
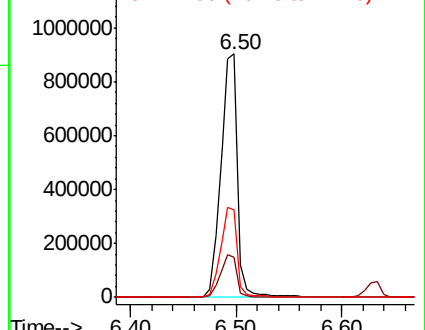


Abundance

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: 14.883 ng

RT: 7.43 min Scan# 908

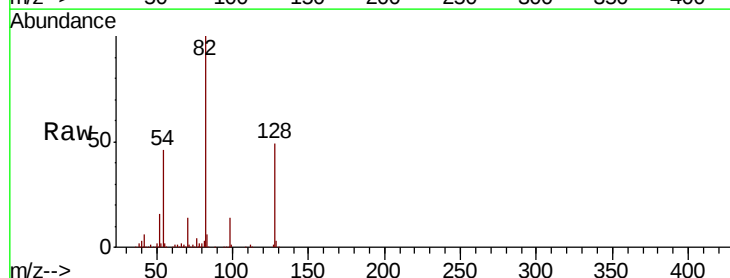
Delta R.T. 0.14 min

Lab File: BF118236.D

Acq: 17 Dec 2019 19:51

Tgt Ion: 70 Resp: 82750

Ion	Ratio	Lower	Upper
70	100		
42	44.5	43.2	64.8
101	0.0	8.1	12.1#
130	2.3	19.8	29.8#



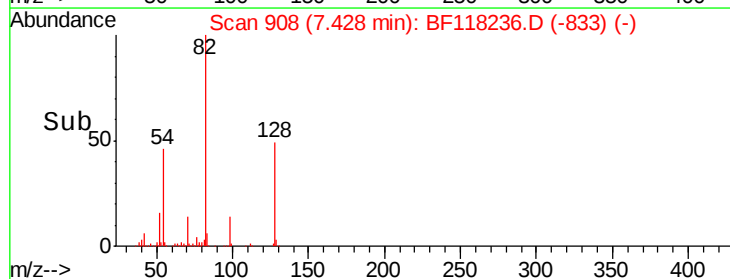
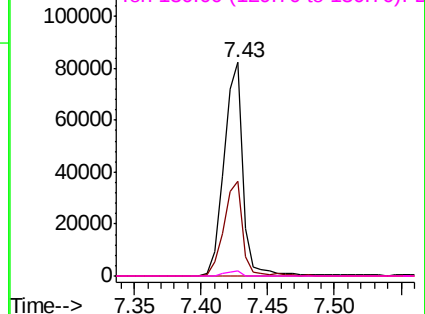
Abundance

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): E

Ion 130.00 (129.70 to 130.70): E

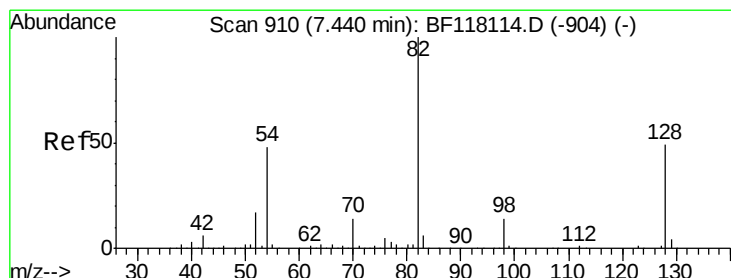
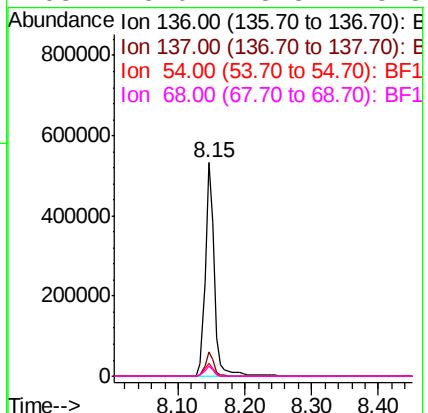
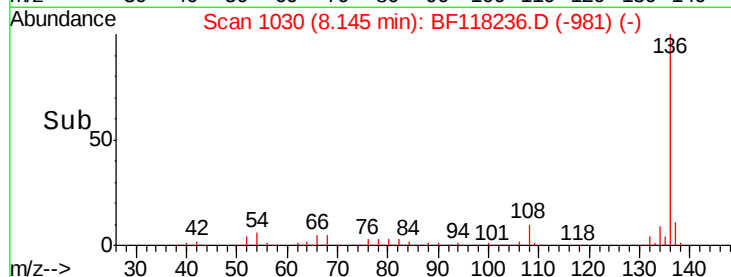
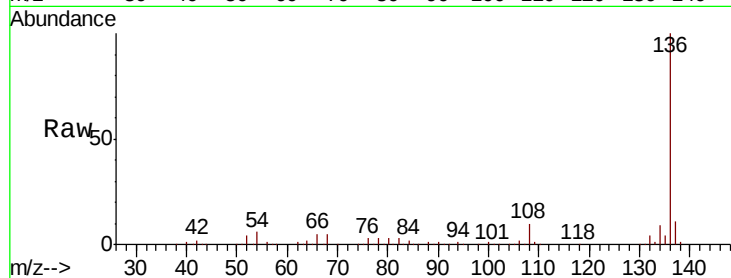




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118236.D
Acq: 17 Dec 2019 19:51

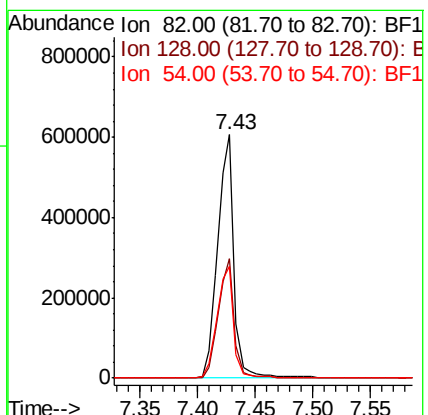
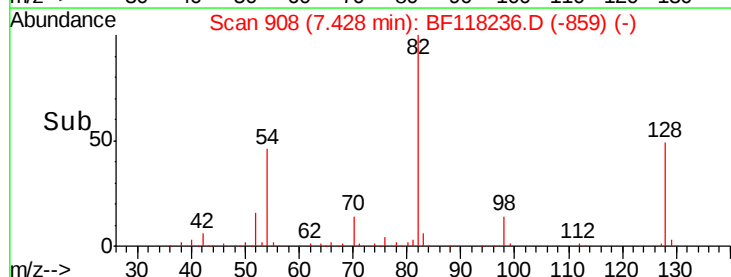
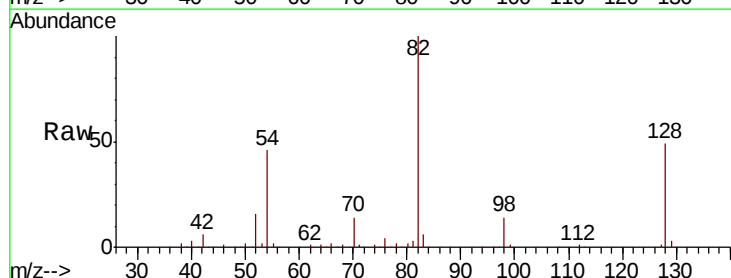
Instrument :
BNA_F
ClientSampleId :

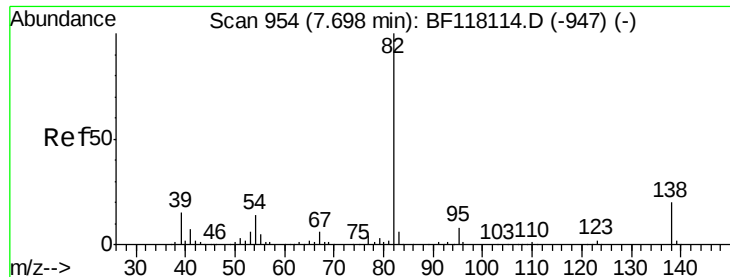
Tot Ion:	136	Resp:	496542
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	6.3	5.0	7.6
68	5.0	3.8	5.8



#23
Nitrobenzene-d5
Concen: 67.431 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118236.D
Acq: 17 Dec 2019 19:51

Tgt Ion:	82	Resp:	595159
Ion	Ratio	Lower	Upper
82	100		
128	49.3	39.1	58.7
54	45.9	38.2	57.2





#25

Isophorone

Concen: 39.777 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.27 min

Lab File: BF118236.D

Acq: 17 Dec 2019 19:51

Instrument :

BNA_F

ClientSampleId :

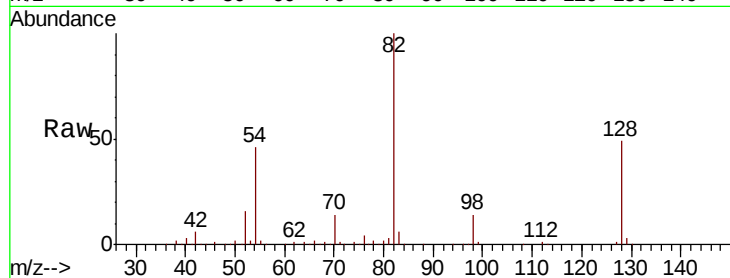
Tot Ion: 82 Resp: 595156

Ion Ratio Lower Upper

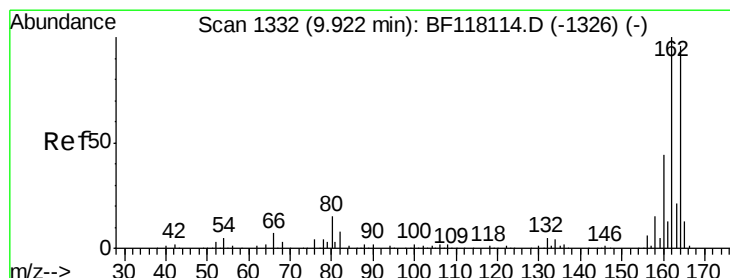
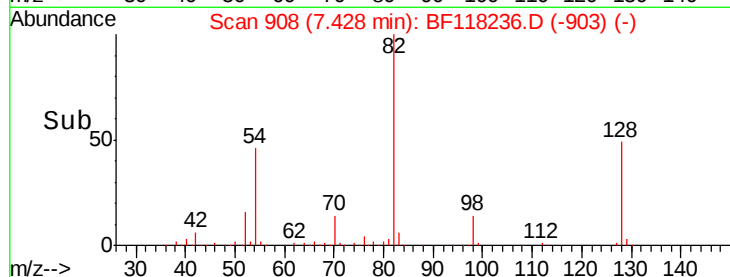
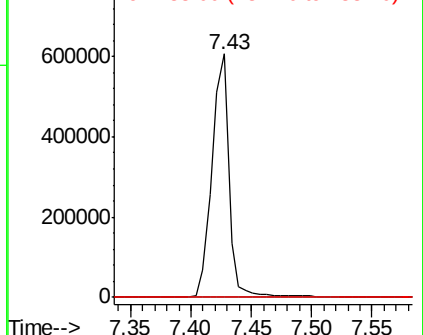
82 100

95 0.0 6.3 9.5#

138 0.0 16.3 24.5#



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): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118236.D

Acq: 17 Dec 2019 19:51

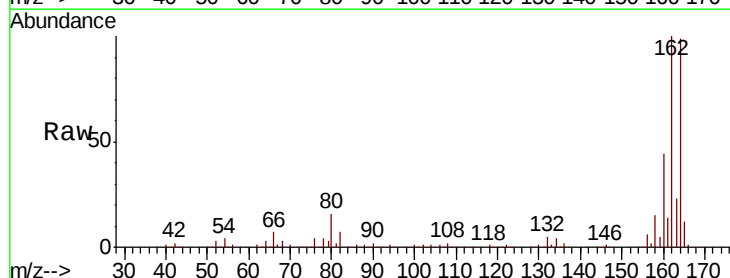
Tgt Ion: 164 Resp: 241662

Ion Ratio Lower Upper

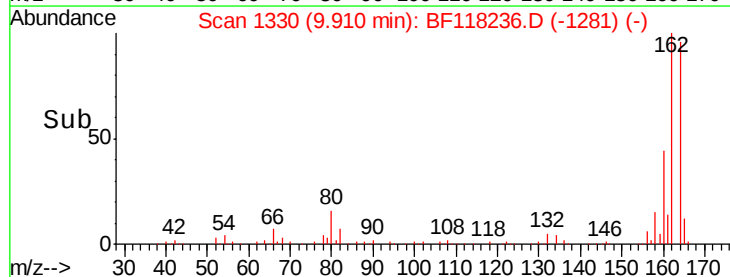
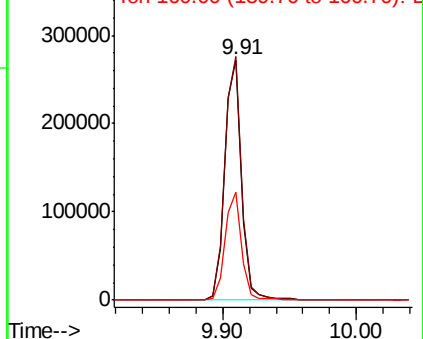
164 100

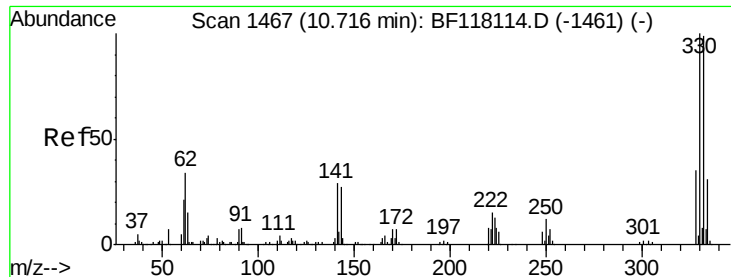
162 101.4 83.4 125.0

160 45.0 36.6 54.8



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

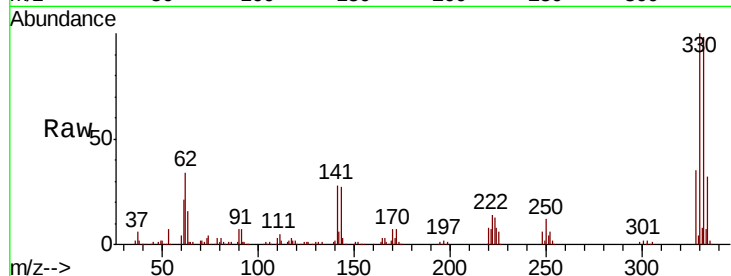




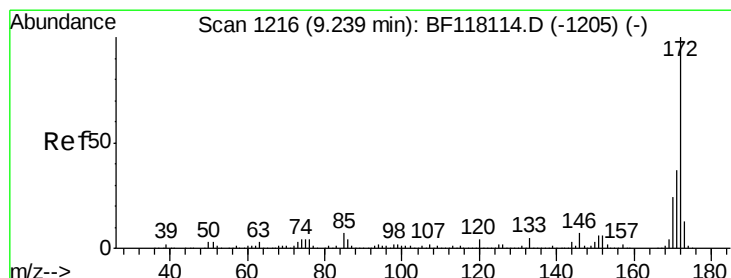
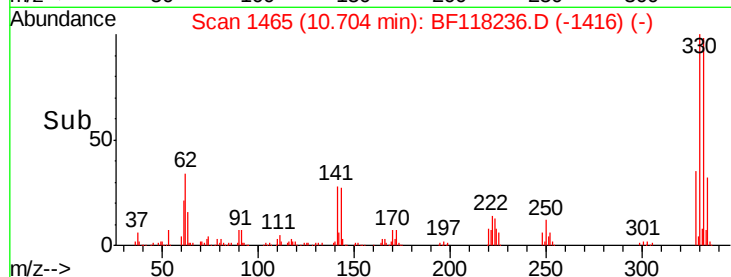
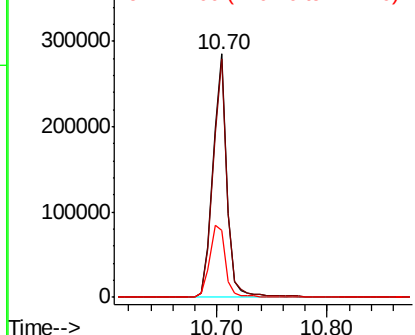
#42
 2,4,6-Tribromophenol
 Concen: 84.444 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118236.D
 Acq: 17 Dec 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.1	117.1
141	33.3	26.9	40.3

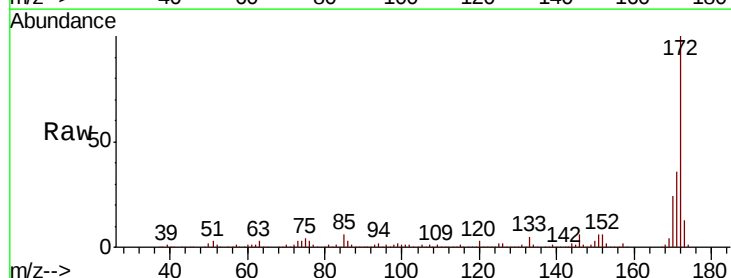


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

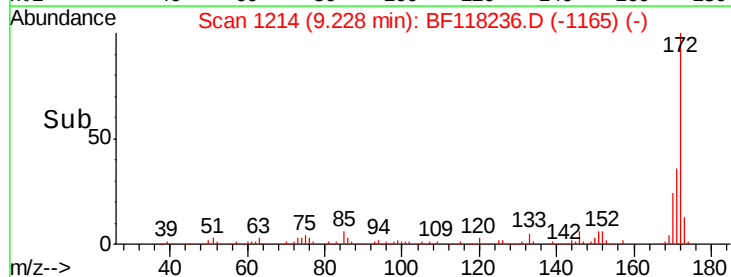
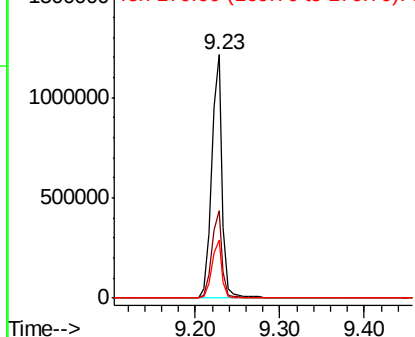


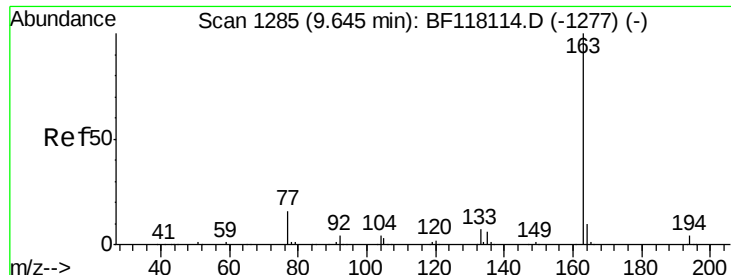
#45
 2-Fluorobiphenyl
 Concen: 67.477 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF118236.D
 Acq: 17 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.1	19.4	29.2



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

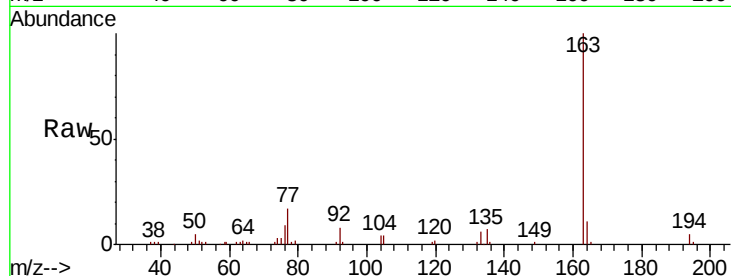




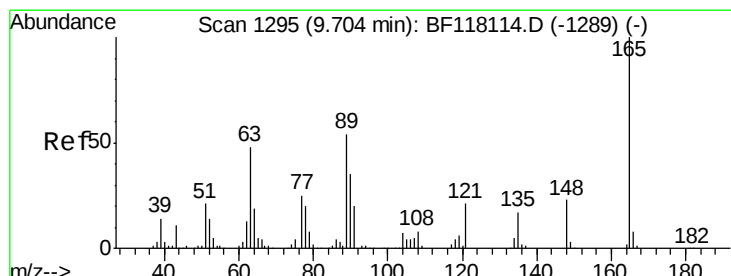
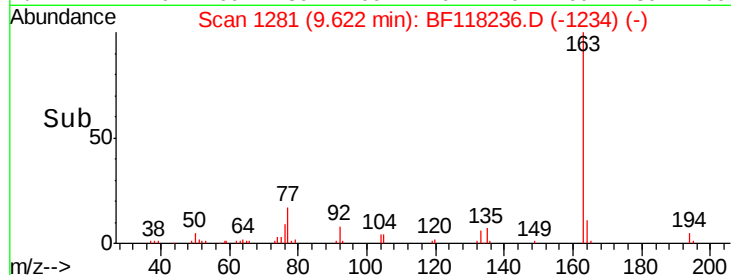
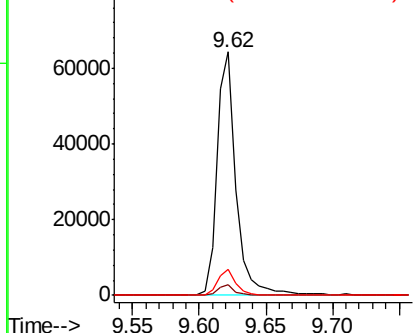
#50
Dimethylphthalate
Concen: 3.617 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118236.D
Acq: 17 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 64572
Ion Ratio Lower Upper
163 100
194 4.6 3.1 4.7
164 10.6 7.7 11.5

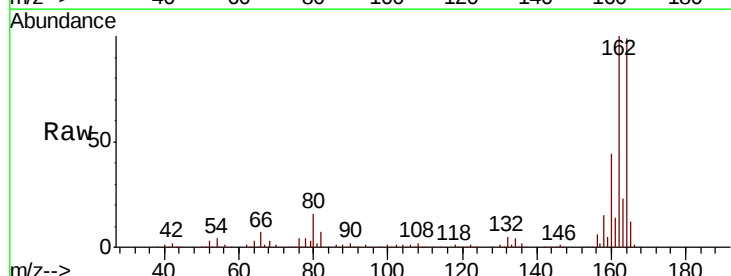


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

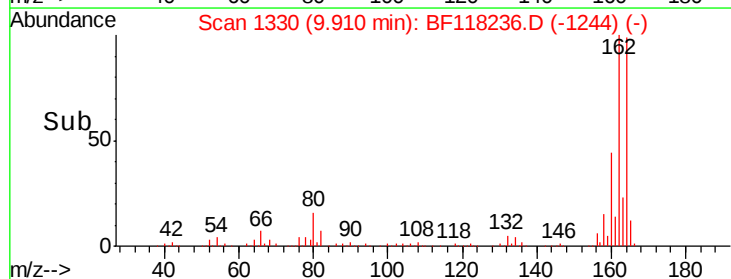
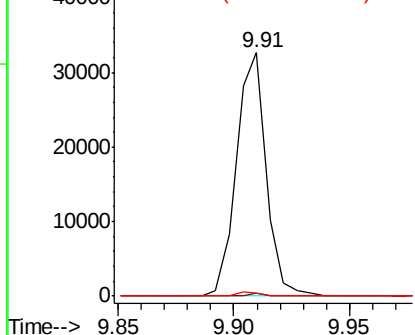


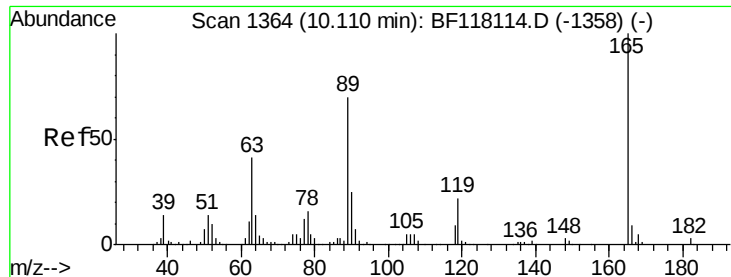
#51
2,6-Dinitrotoluene
Concen: 7.557 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF118236.D
Acq: 17 Dec 2019 19:51

Tgt Ion:165 Resp: 29330
Ion Ratio Lower Upper
165 100
63 1.2 41.4 62.0#
89 1.4 42.9 64.3#



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

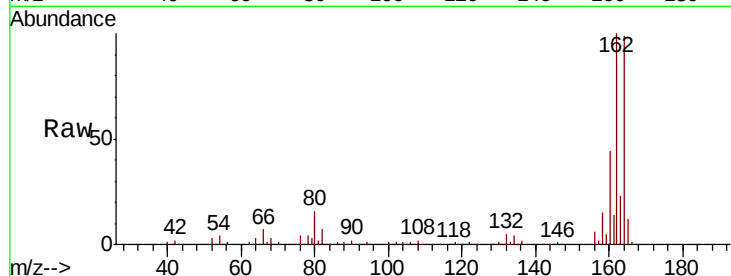




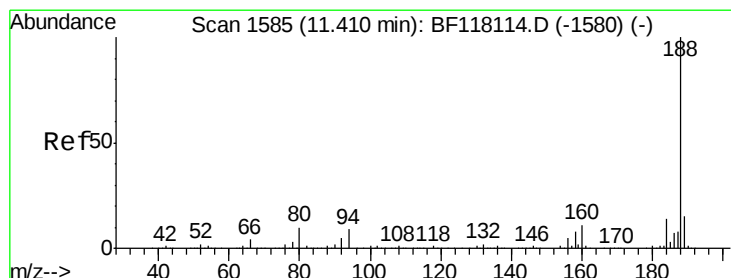
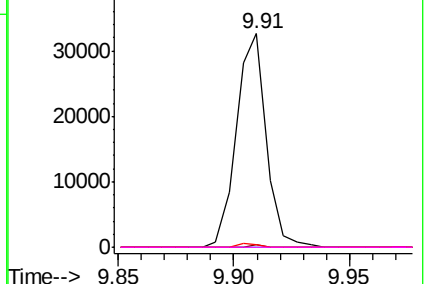
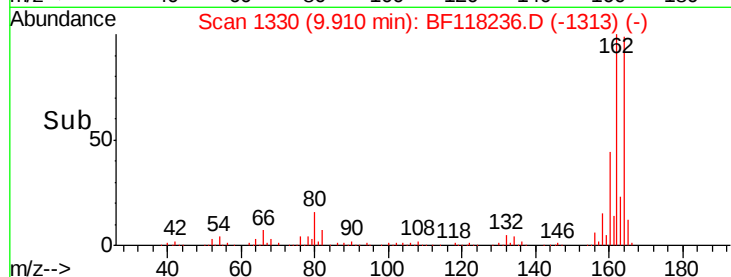
#57
 2,4-Dinitrotoluene
 Concen: 5.661 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF118236.D
 Acq: 17 Dec 2019 19:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.6	49.0#
89	1.4	56.1	84.1#
182	0.0	2.1	3.1#

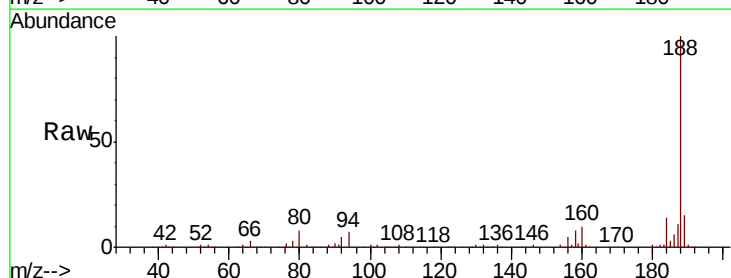


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

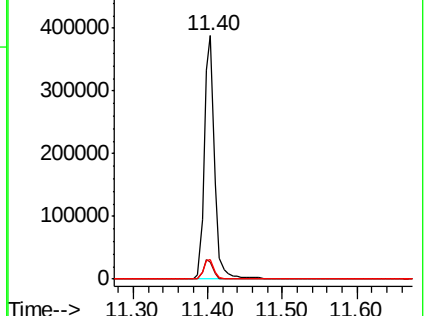
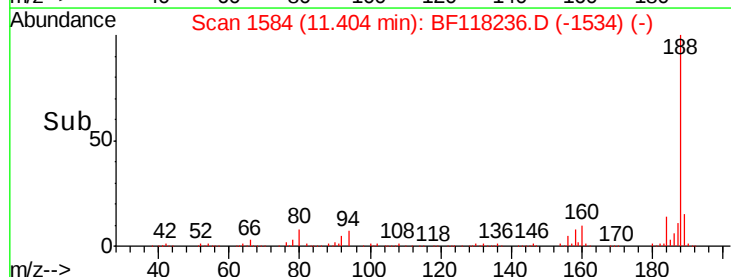


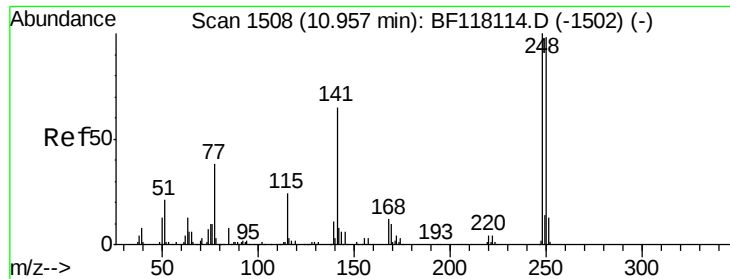
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118236.D
 Acq: 17 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.1	10.7#
80	7.9	7.9	11.9#



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

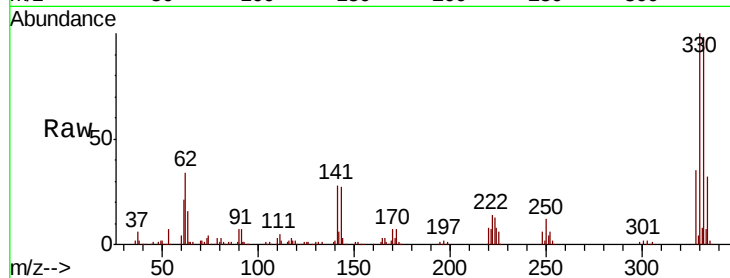




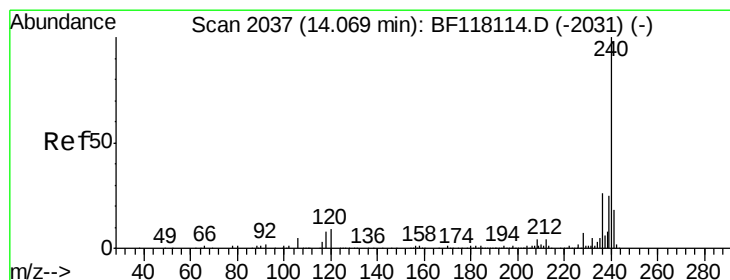
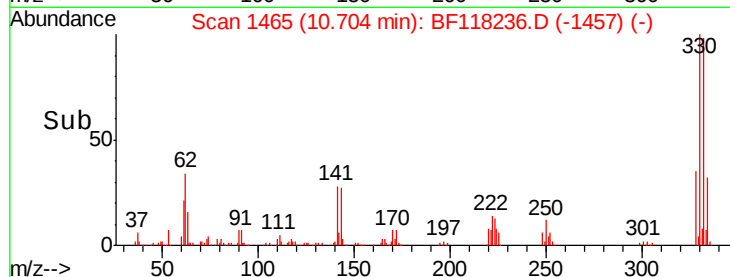
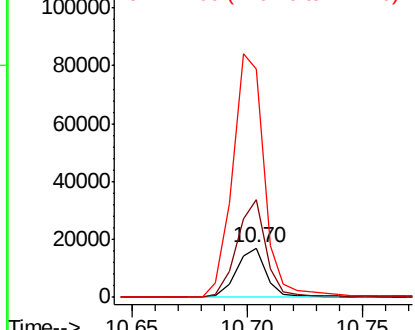
#67
4-Bromophenyl-phenylether
Concen: 3.568 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118236.D
Acq: 17 Dec 2019 19:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15329
Ion Ratio Lower Upper
248 100
250 198.4 78.3 117.5#
141 466.6 52.2 78.4#

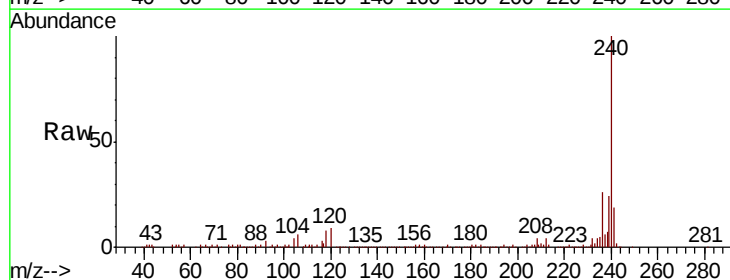


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

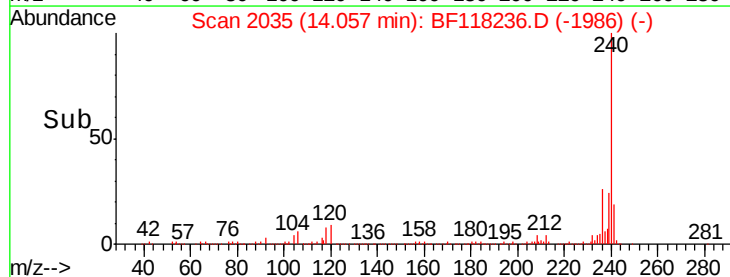
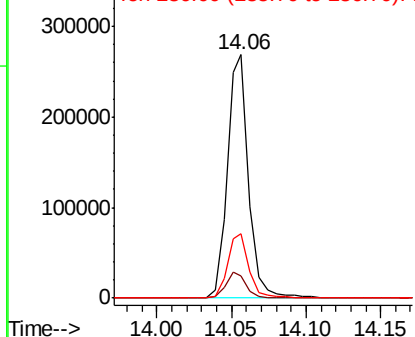


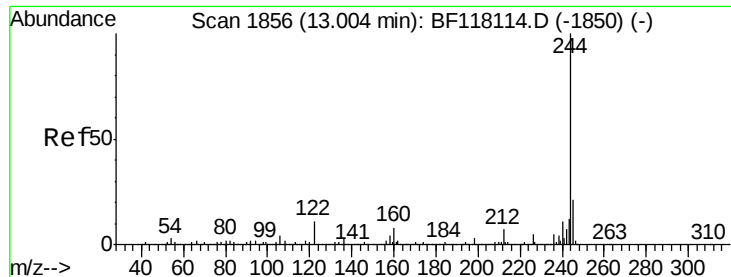
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118236.D
Acq: 17 Dec 2019 19:51

Tgt Ion:240 Resp: 269645
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 26.3 21.0 31.6



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: 56.838 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118236.D

Acq: 17 Dec 2019 19:51

Instrument :

BNA_F

ClientSampleId :

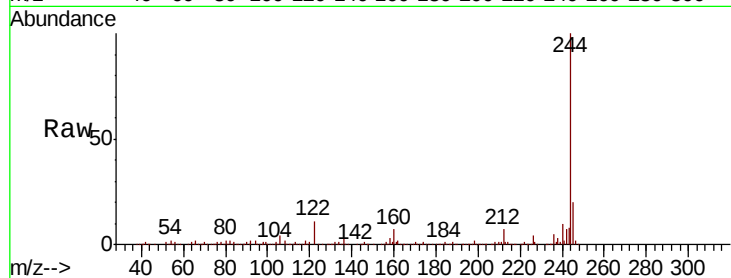
Tot Ion:244 Resp: 891243

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

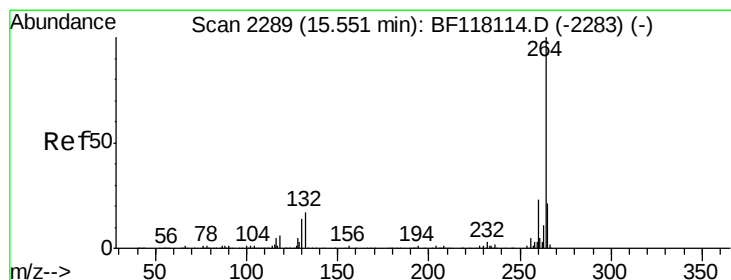
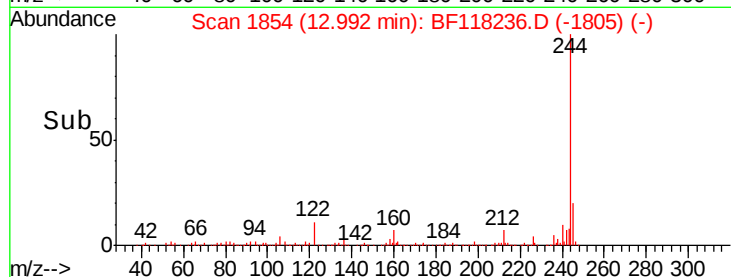
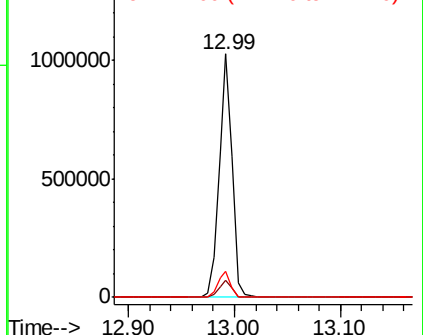
122 10.8 9.0 13.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118236.D

Acq: 17 Dec 2019 19:51

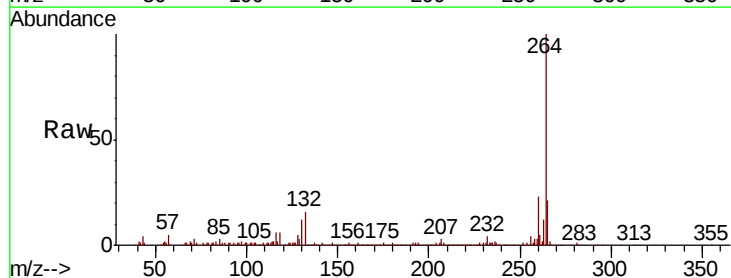
Tgt Ion:264 Resp: 237602

Ion Ratio Lower Upper

264 100

260 22.5 18.6 28.0

265 21.0 16.8 25.2



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

