

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
 Data File : BF118240.D
 Acq On : 17 Dec 2019 21:44
 Operator : JU
 Sample : K6318-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 05:05:55 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

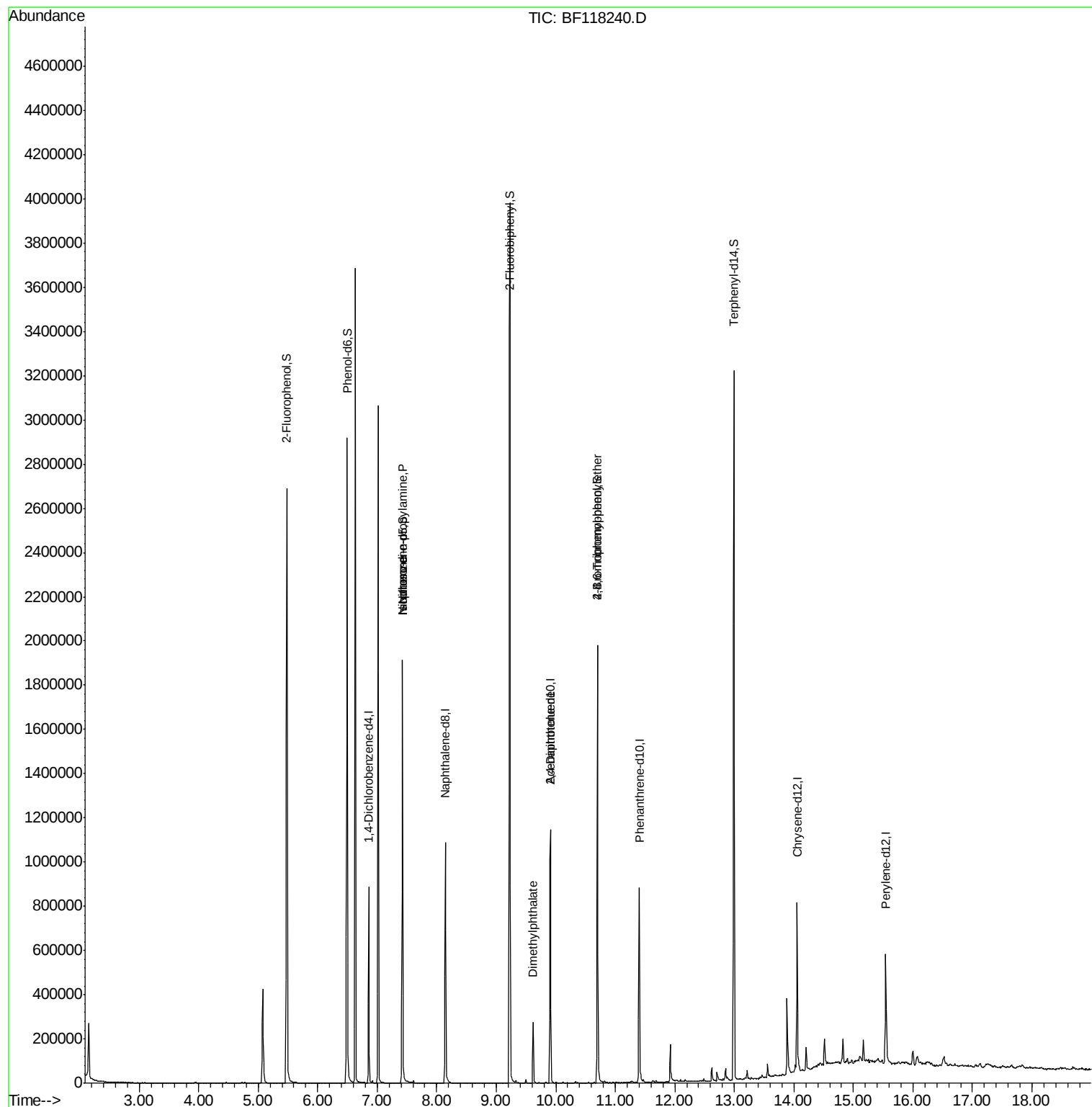
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	129100	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	495691	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	239565	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	372823	20.00	ng	0.00
76) Chrysene-d12	14.05	240	263090	20.00	ng	-0.02
87) Perylene-d12	15.54	264	215740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	876733	118.94	ng	0.00
7) Phenol-d6	6.50	99	1089933	122.25	ng	0.00
23) Nitrobenzene-d5	7.43	82	649033	73.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	268680	92.32	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1242939	78.95	ng	-0.01
79) Terphenyl-d14	12.99	244	1009754	66.00	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.50	77	1718	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.43	70	89229	16.471	ng	# 75
25) Isophorone	7.43	82	645675	43.228	ng	# 62
50) Dimethylphthalate	9.62	163	128153	7.242	ng	100
57) 2,4-Dinitrotoluene	9.91	165	30450	5.929	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	16589	3.898	ng	# 1

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

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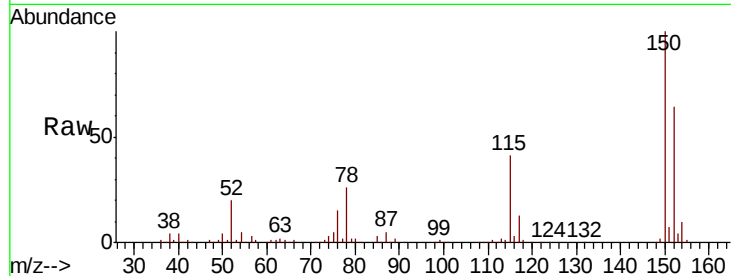


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF118240.D
 Acq: 17 Dec 2019 21:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	128.3	192.5
115	64.0	51.1	76.7

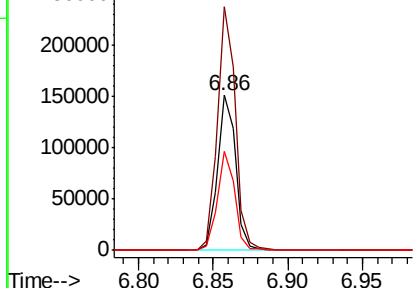
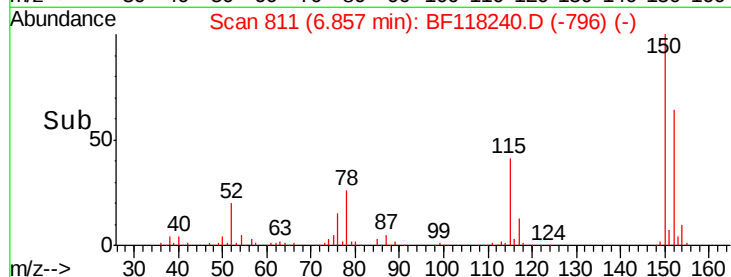


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

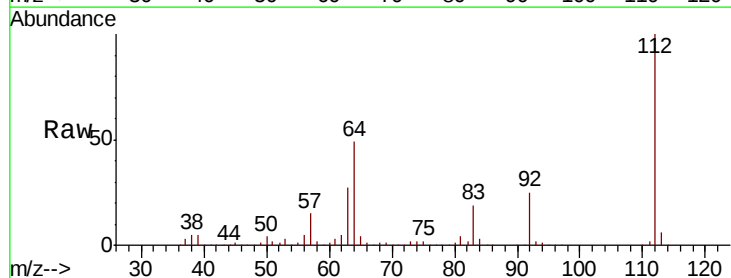
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 118.944 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF118240.D
 Acq: 17 Dec 2019 21:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.0	41.3	61.9
63	27.1	22.4	33.6

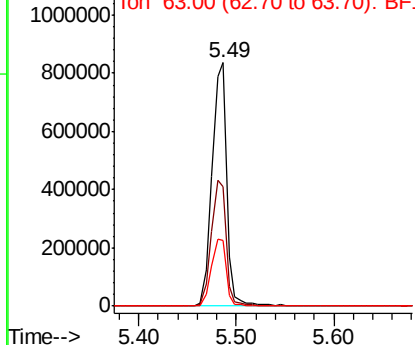
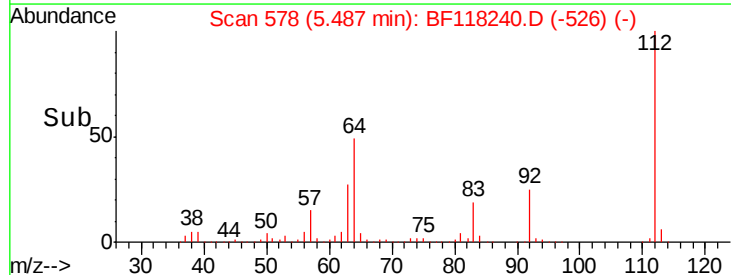


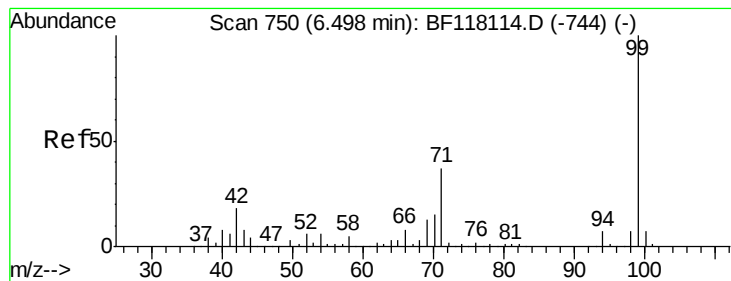
Abundance

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: 122.253 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118240.D

Acq: 17 Dec 2019 21:44

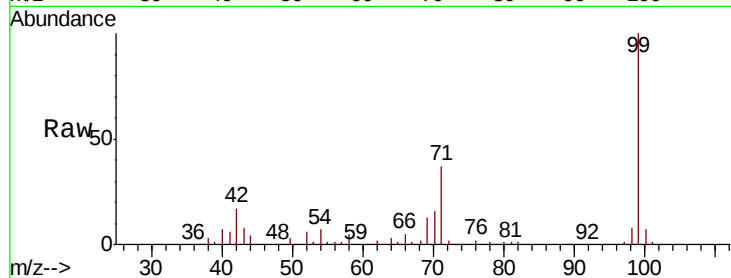
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1089933

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.1	21.1
71	37.0	29.7	44.5

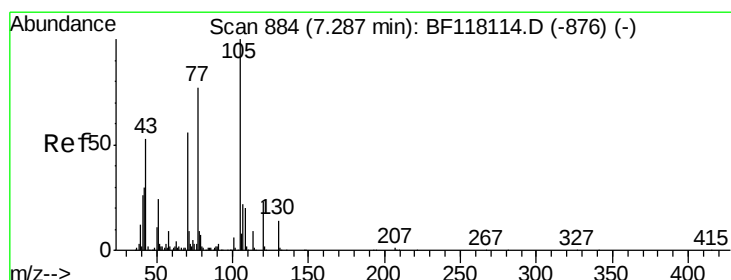
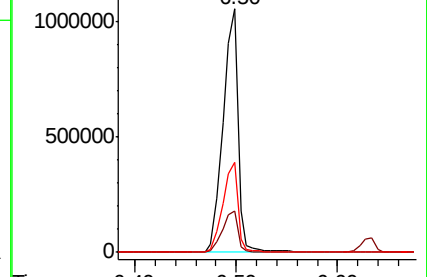
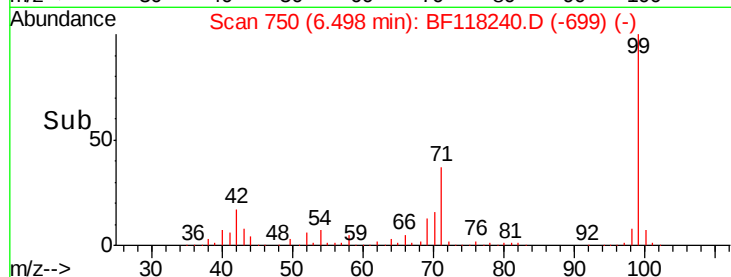


Abundance

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: 16.471 ng

RT: 7.43 min Scan# 908

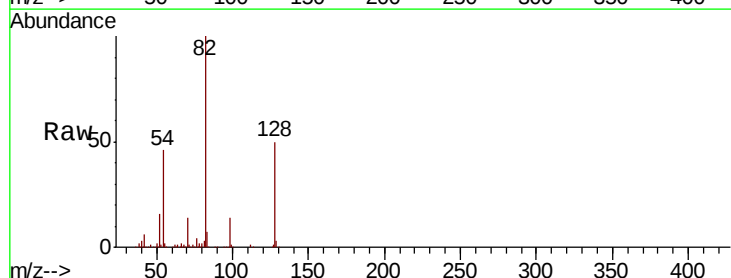
Delta R.T. 0.14 min

Lab File: BF118240.D

Acq: 17 Dec 2019 21:44

Tgt Ion: 70 Resp: 89229

Ion	Ratio	Lower	Upper
70	100		
42	43.6	43.2	64.8
101	0.0	8.1	12.1#
130	1.8	19.8	29.8#



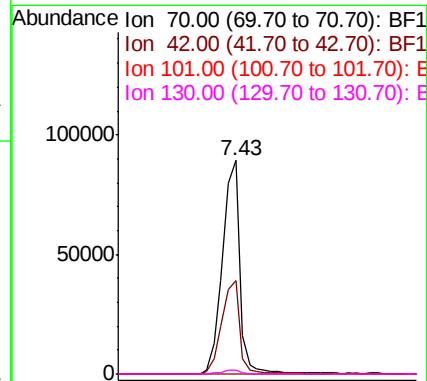
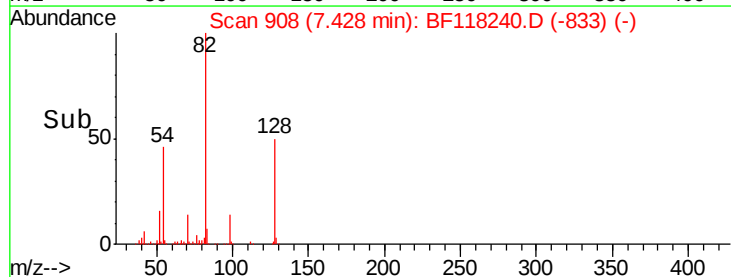
Abundance

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): BF1

Ion 130.00 (129.70 to 130.70): BF1

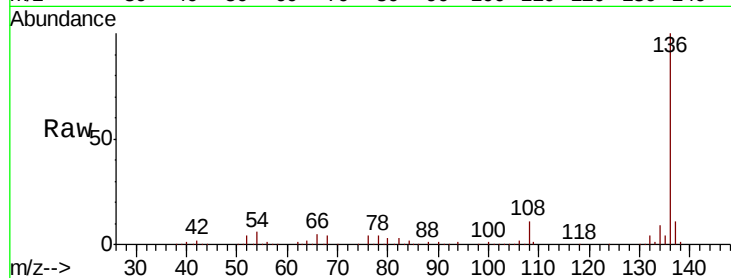




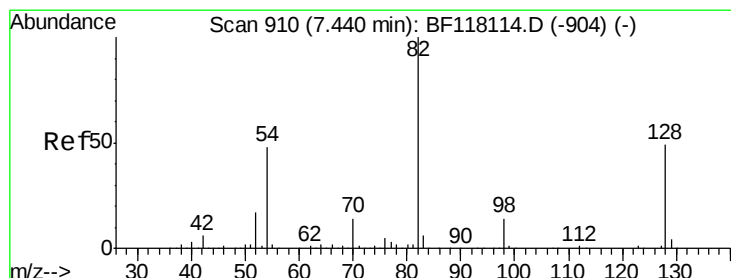
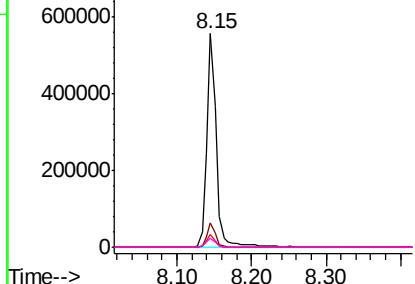
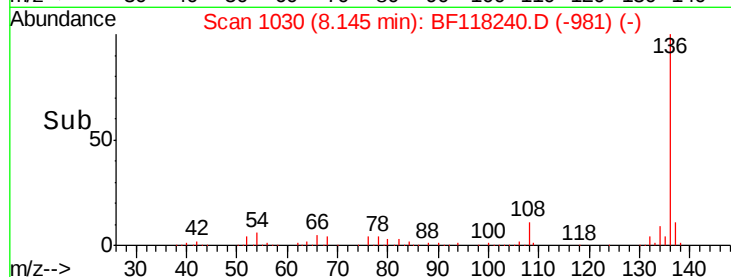
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118240.D
Acq: 17 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	495691
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.6
54	6.1	5.0 7.6
68	4.5	3.8 5.8

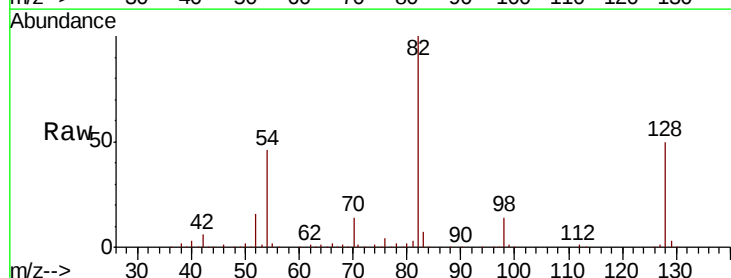


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

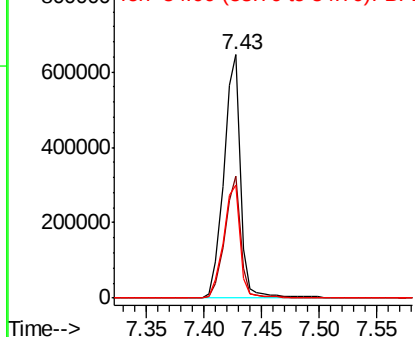
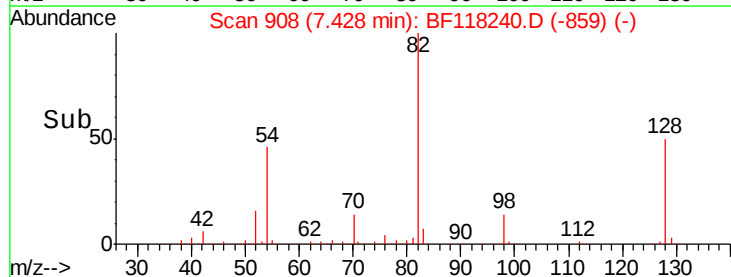


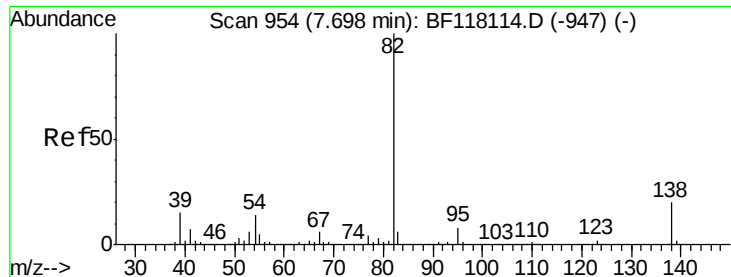
#23
Nitrobenzene-d5
Concen: 73.661 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118240.D
Acq: 17 Dec 2019 21:44

Tgt Ion: 82	Resp:	649033
Ion Ratio	Lower	Upper
82	100	
128	50.3	39.1 58.7
54	46.4	38.2 57.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.228 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.27 min

Lab File: BF118240.D

Acq: 17 Dec 2019 21:44

Instrument :

BNA_F

ClientSampleId :

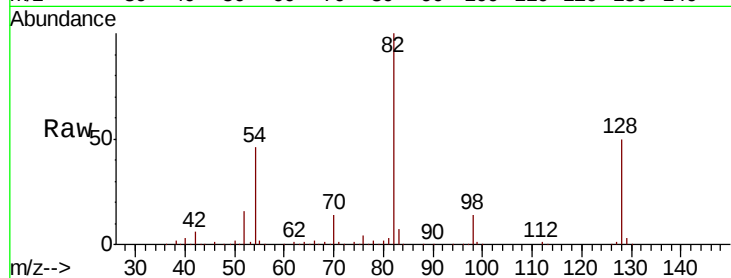
Tot Ion: 82 Resp: 645675

Ion Ratio Lower Upper

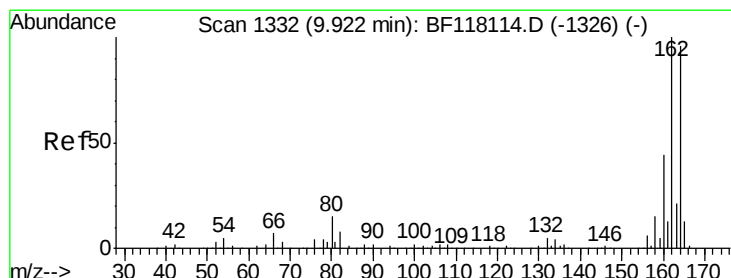
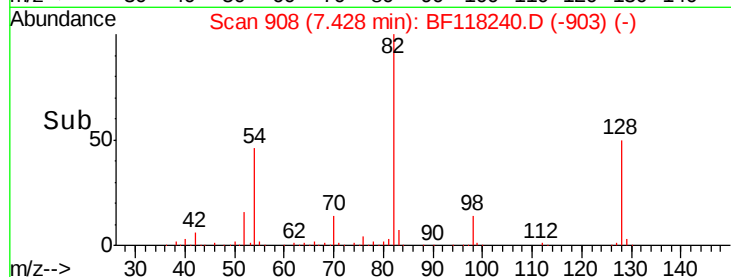
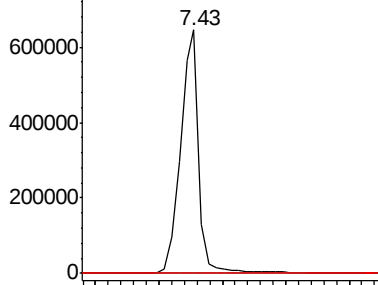
82 100

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: BF118240.D

Acq: 17 Dec 2019 21:44

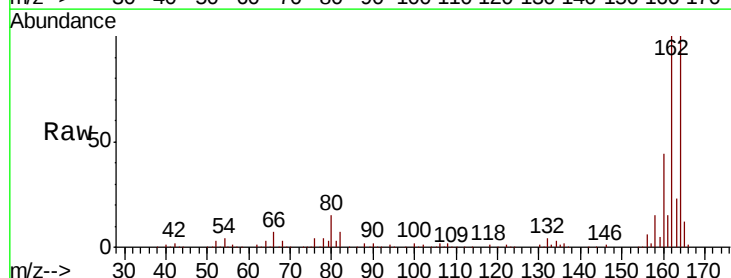
Tgt Ion: 164 Resp: 239565

Ion Ratio Lower Upper

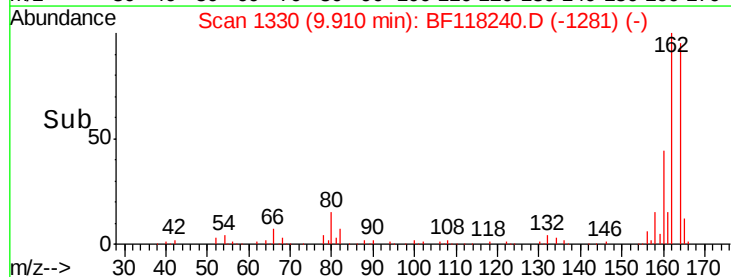
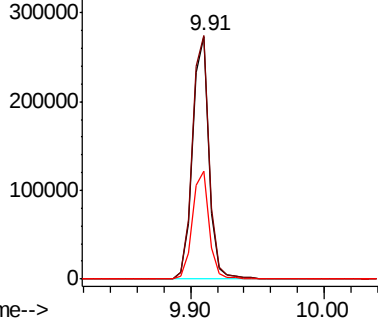
164 100

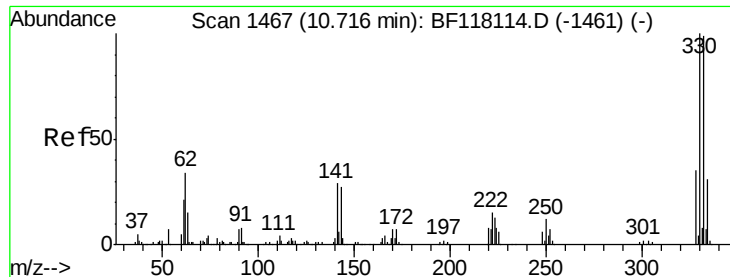
162 100.2 83.4 125.0

160 44.4 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: 92.321 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118240.D

Acq: 17 Dec 2019 21:44

Instrument :

BNA_F

ClientSampleId :

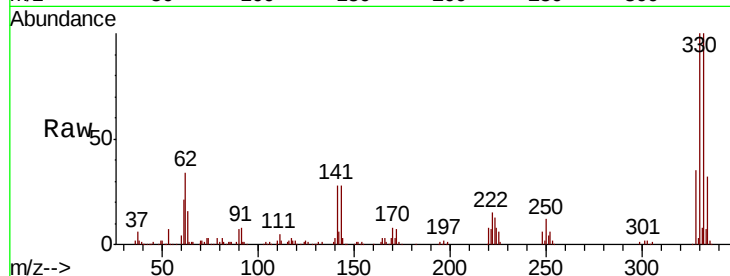
Tot Ion:330 Resp: 268680

Ion Ratio Lower Upper

330 100

332 97.9 78.1 117.1

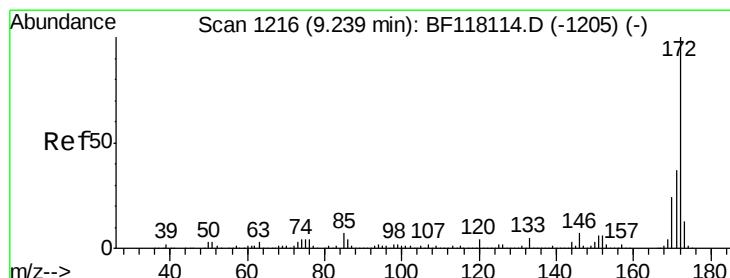
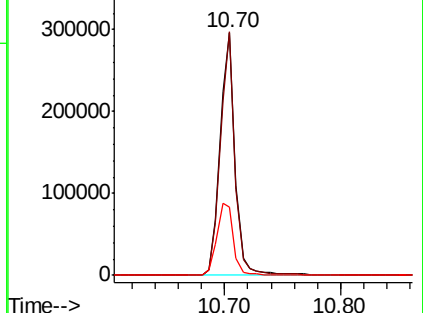
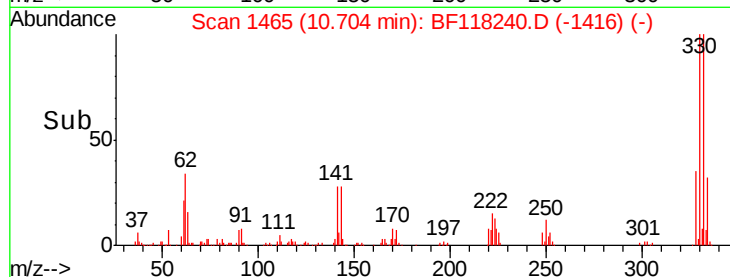
141 32.8 26.9 40.3



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: 78.948 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF118240.D

Acq: 17 Dec 2019 21:44

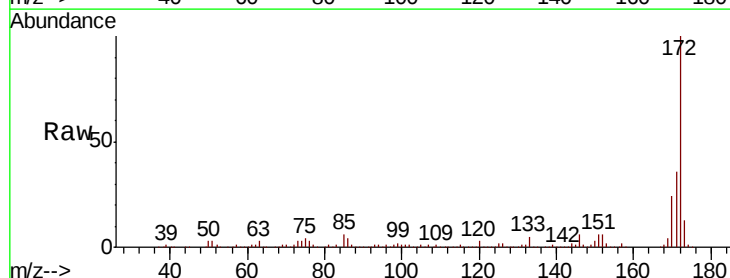
Tgt Ion:172 Resp: 1242939

Ion Ratio Lower Upper

172 100

171 36.2 29.2 43.8

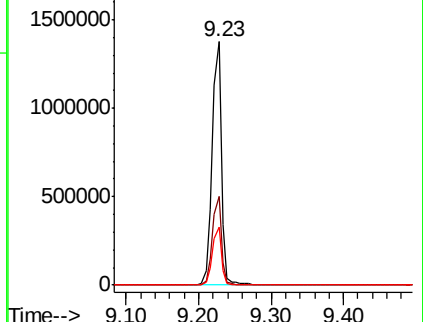
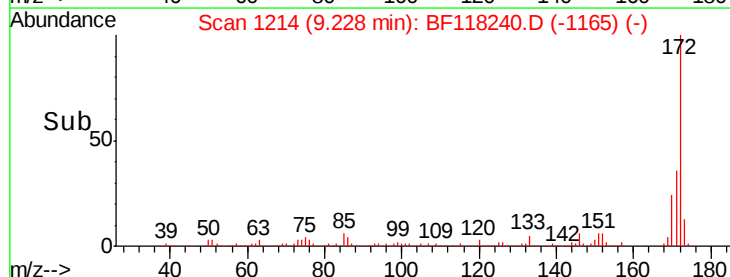
170 23.9 19.4 29.2

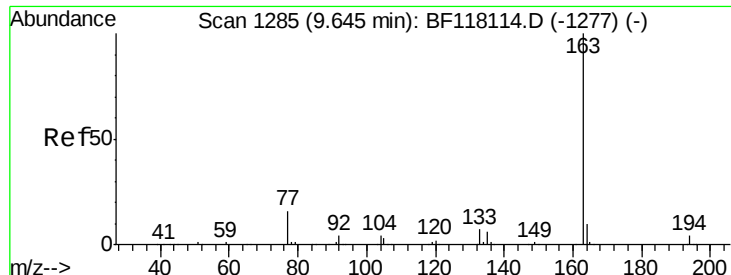


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

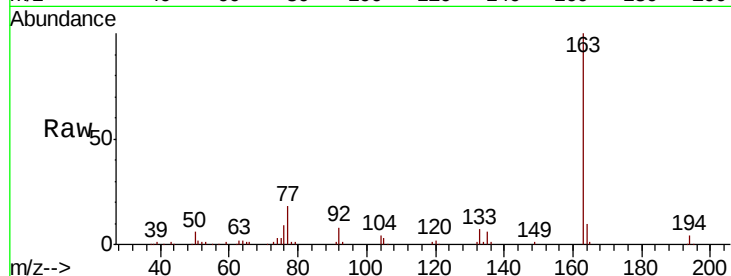




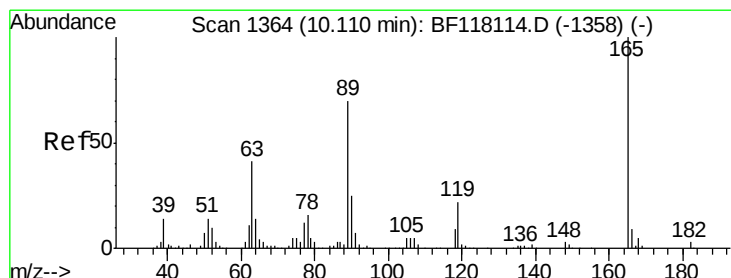
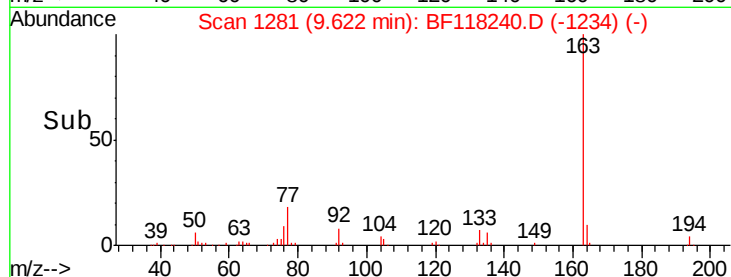
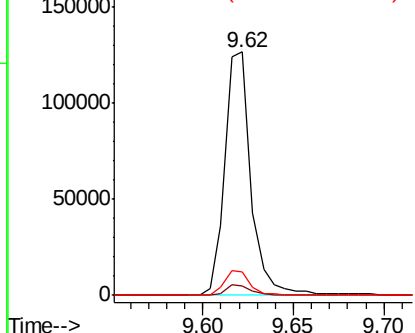
#50
Dimethylphthalate
Concen: 7.242 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118240.D
Acq: 17 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 128153
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.8 7.7 11.5

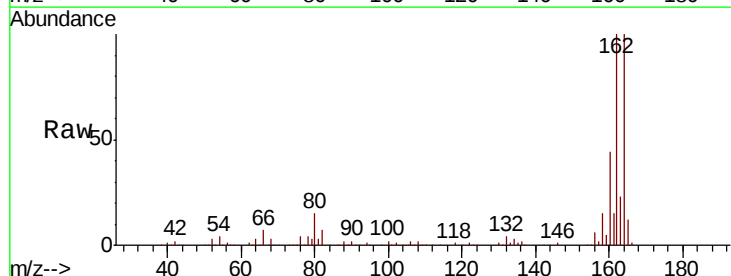


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

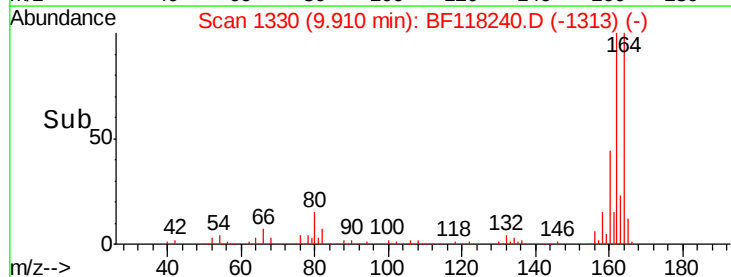
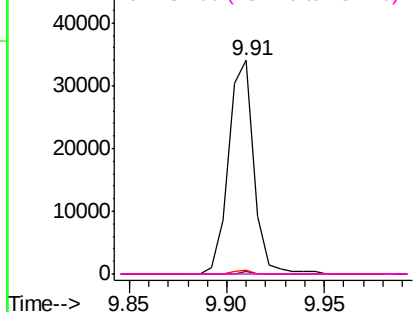


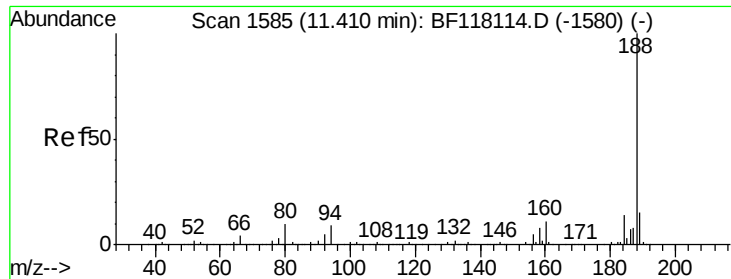
#57
2,4-Dinitrotoluene
Concen: 5.929 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF118240.D
Acq: 17 Dec 2019 21:44

Tgt Ion:165 Resp: 30450
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.7 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

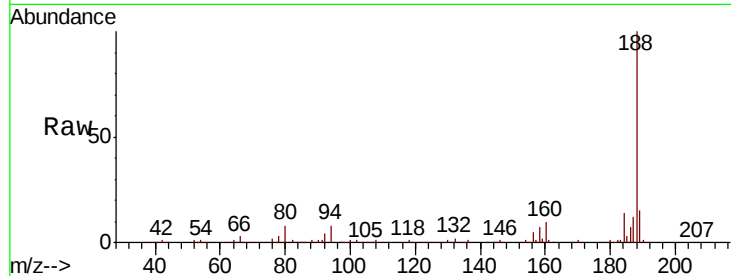




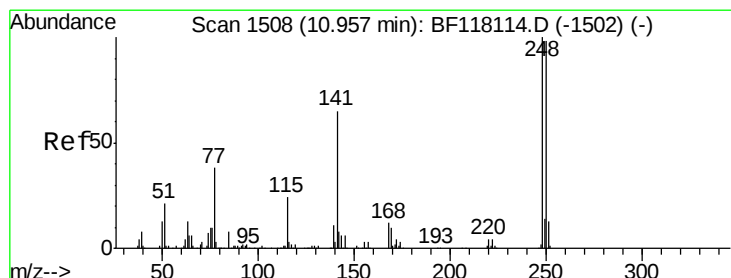
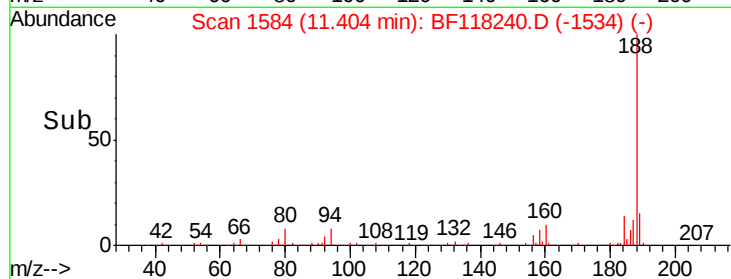
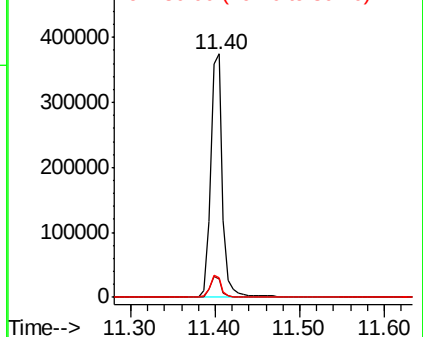
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118240.D
Acq: 17 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 372823
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 8.1 7.9 11.9

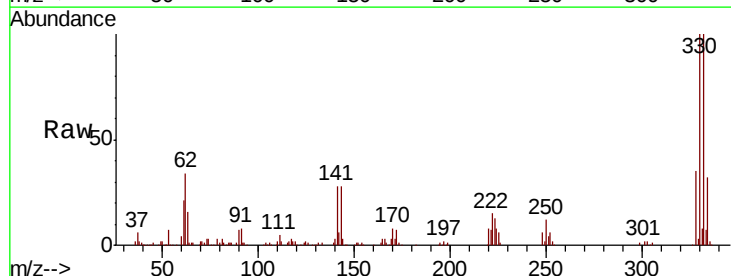


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

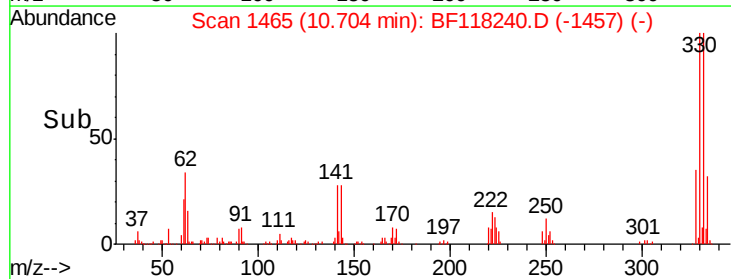
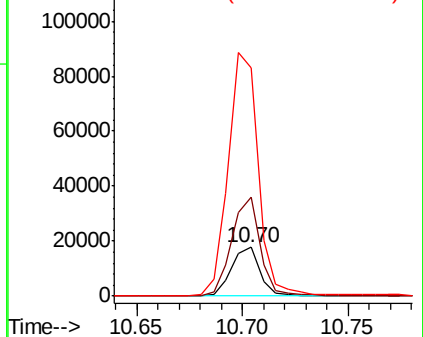


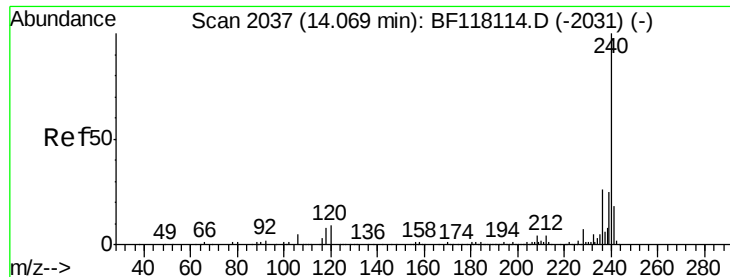
#67
4-Bromophenyl-phenylether
Concen: 3.898 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118240.D
Acq: 17 Dec 2019 21:44

Tgt Ion:248 Resp: 16589
Ion Ratio Lower Upper
248 100
250 202.4 78.3 117.5#
141 465.1 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

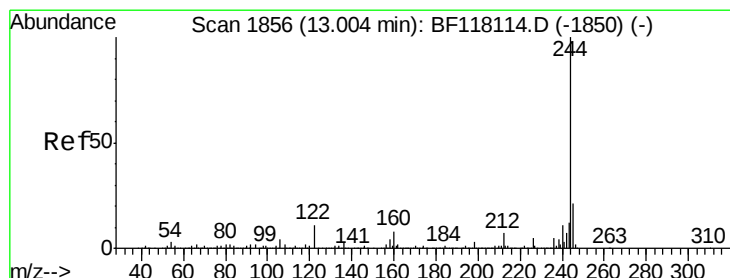
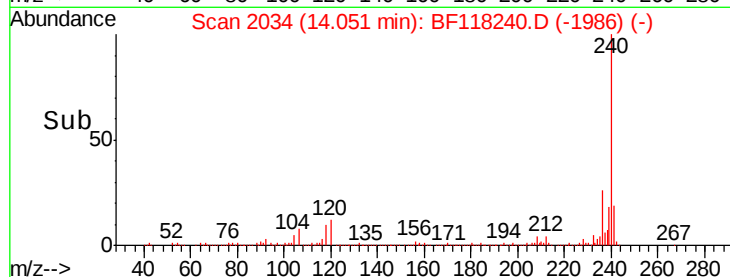
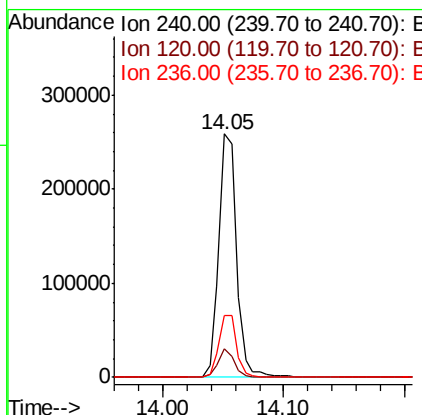
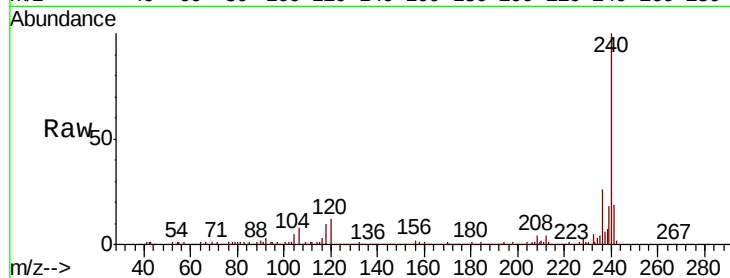




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF118240.D
 Acq: 17 Dec 2019 21:44

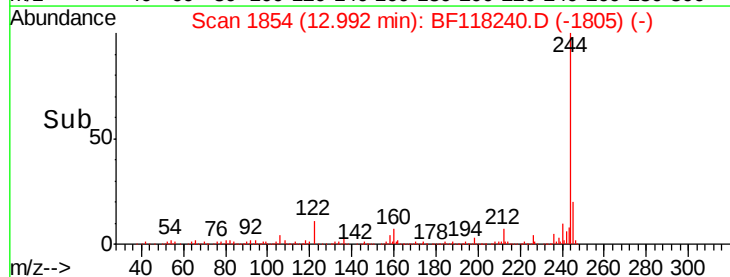
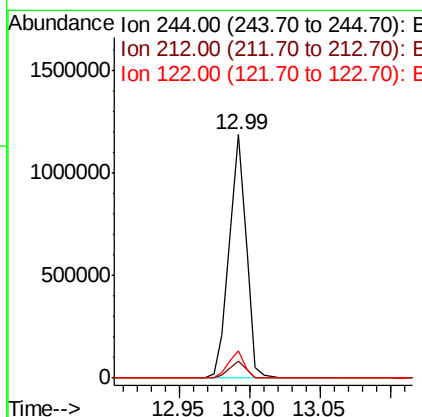
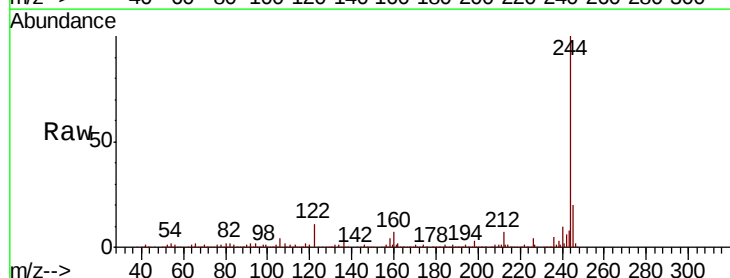
Instrument :
 BNA_F
 ClientSampleId :

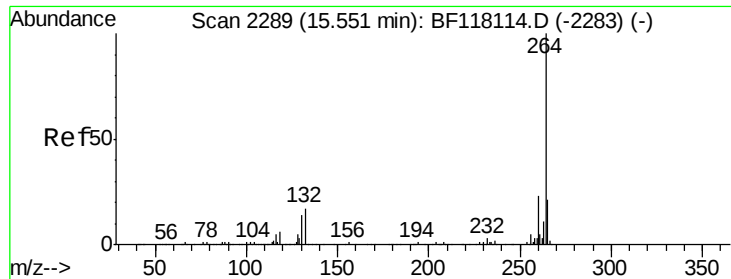
Tot Ion:240 Resp: 263090
 Ion Ratio Lower Upper
 240 100
 120 11.9 7.1 10.7#
 236 25.6 21.0 31.6



#79
 Terphenyl-d14
 Concen: 66.000 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF118240.D
 Acq: 17 Dec 2019 21:44

Tgt Ion:244 Resp: 1009754
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 11.5 9.0 13.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118240.D
Acq: 17 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	21.9	16.8	25.2

