

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041619\
 Data File : BF113790.D
 Acq On : 16 Apr 2019 13:31
 Operator : JU/SJ
 Sample : K2423-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 17:29:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 16 17:22:45 2019
 Response via : Initial Calibration

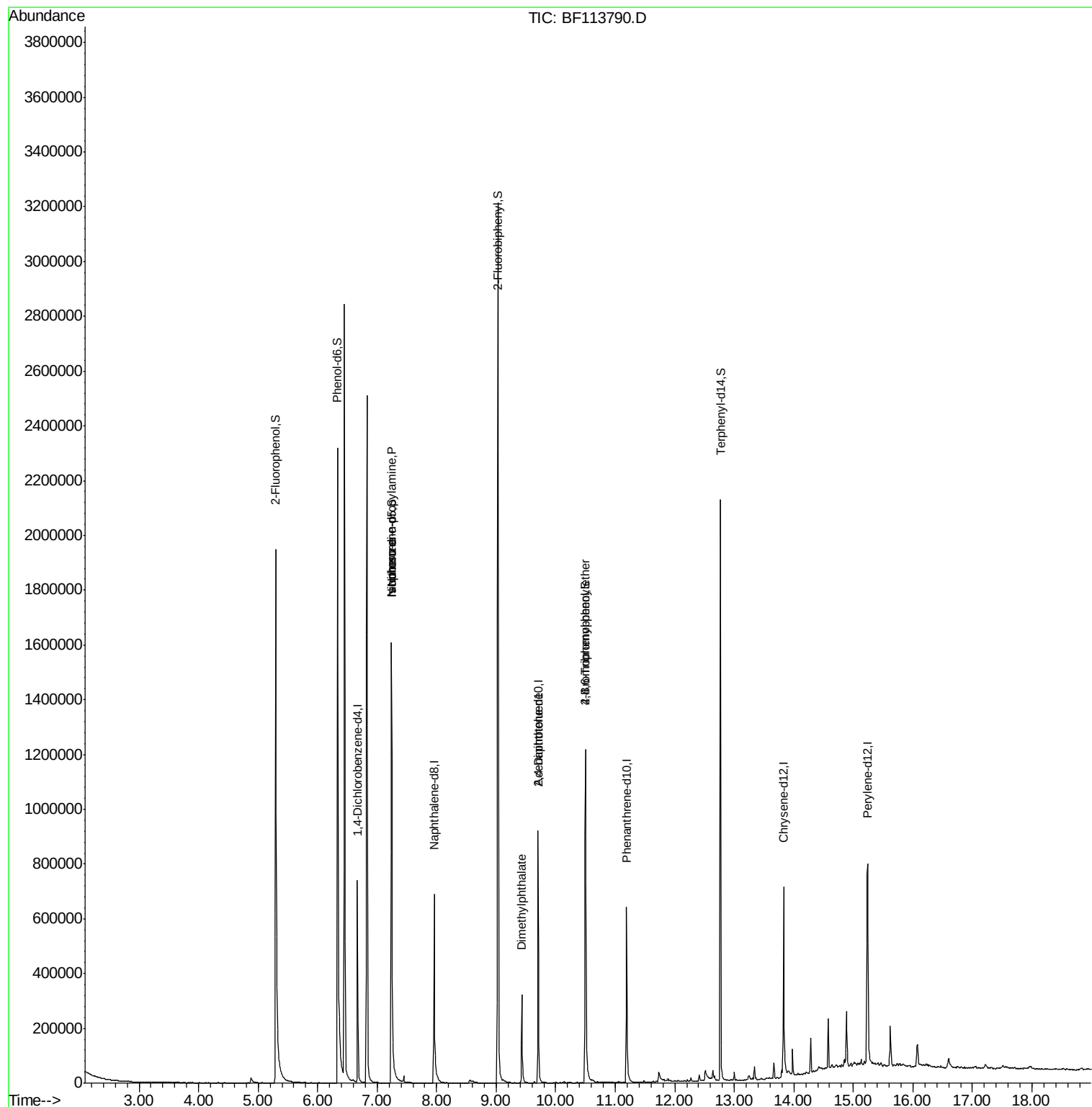
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	123227	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	455927	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	190685	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	318252	20.00	ng	0.00
76) Chrysene-d12	13.83	240	265759	20.00	ng	0.00
87) Perylene-d12	15.24	264	335718	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	835018	115.55	ng	0.00
7) Phenol-d6	6.33	99	1093286	122.75	ng	0.00
23) Nitrobenzene-d5	7.24	82	641148	82.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	213827	93.35	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1105020	93.29	ng	0.00
79) Terphenyl-d14	12.77	244	812354	62.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	81139	14.774	ng	# 78
25) Isophorone	7.24	82	631035	42.086	ng	# 64
50) Dimethylphthalate	9.43	163	165796	11.795	ng	99
57) 2,4-Dinitrotoluene	9.70	165	24404	6.513	ng	# 28
67) 4-Bromophenyl-phenylether	10.50	248	11613	3.254	ng	# 1

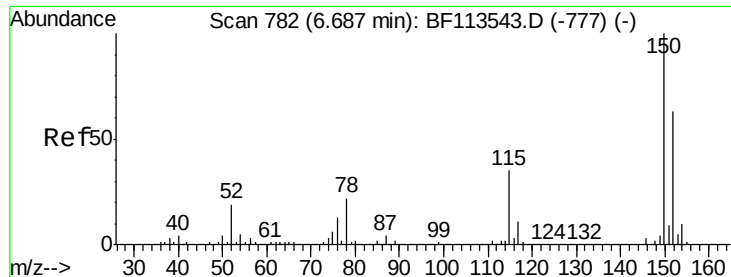
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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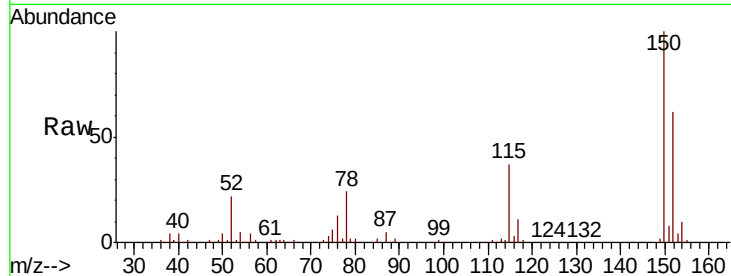


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF113790.D
 Acq: 16 Apr 2019 13:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	125.1	187.7
115	59.0	43.9	65.9

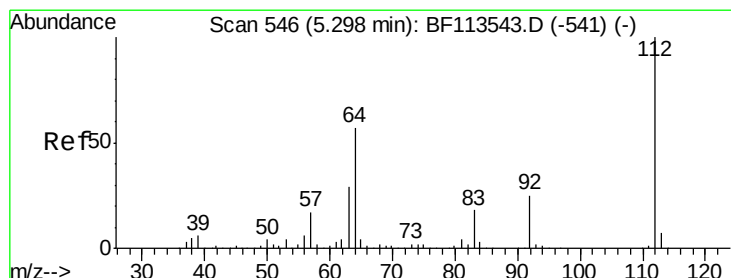
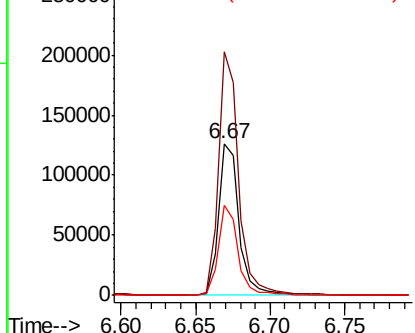
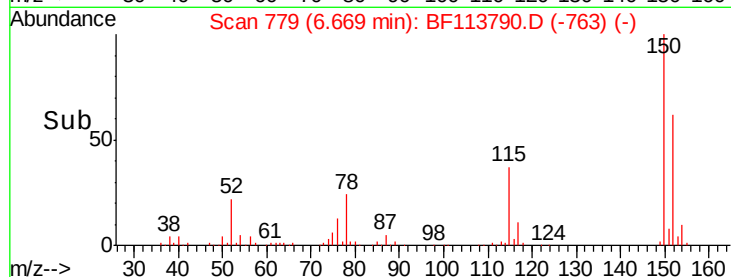


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

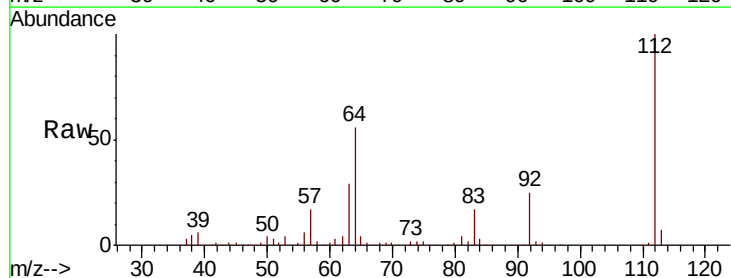
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 115.551 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.01 min
 Lab File: BF113790.D
 Acq: 16 Apr 2019 13:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	49.0	73.4
63	28.8	24.2	36.4

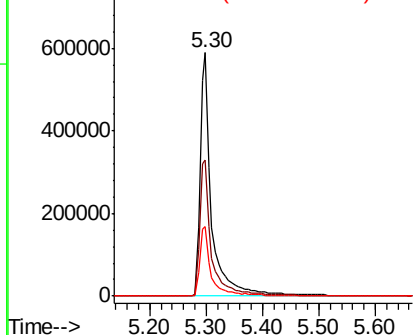
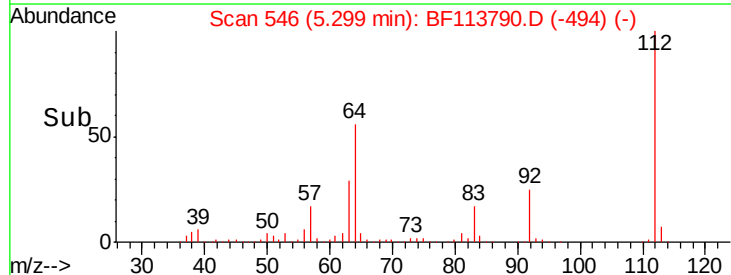


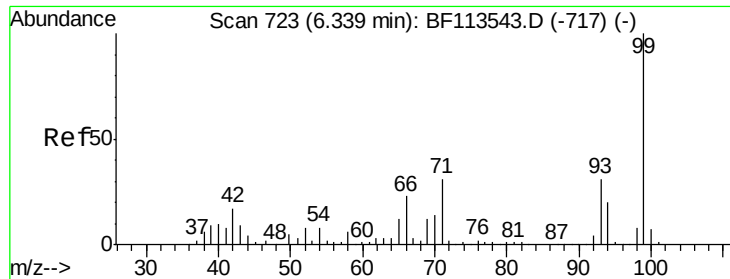
Abundance

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: 122.750 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113790.D

Acq: 16 Apr 2019 13:31

Instrument :

BNA_F

ClientSampleId :

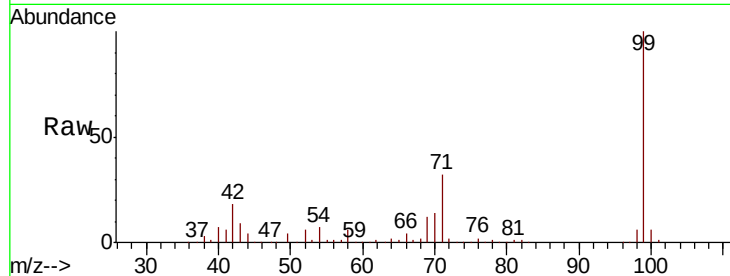
Tot Ion: 99 Resp: 1093286

Ion Ratio Lower Upper

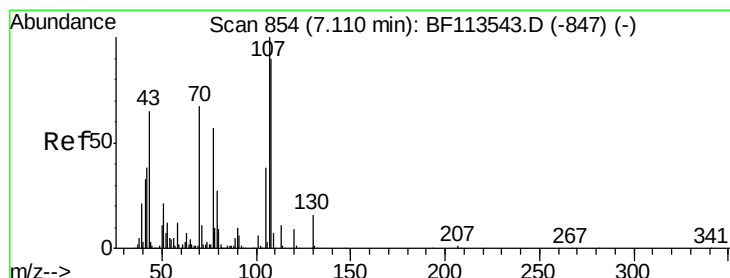
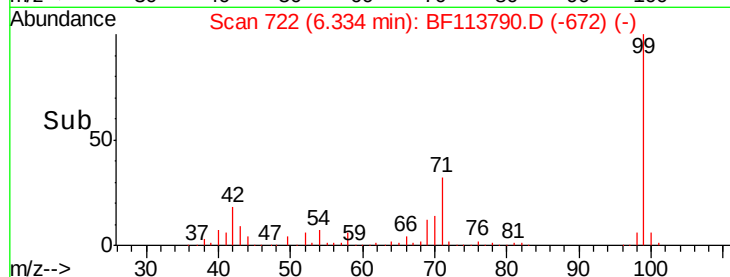
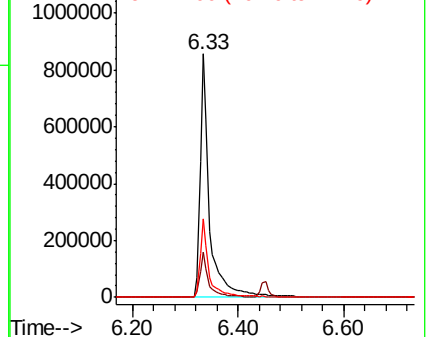
99 100

42 18.4 15.2 22.8

71 32.0 25.4 38.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.774 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.14 min

Lab File: BF113790.D

Acq: 16 Apr 2019 13:31

Tgt Ion: 70 Resp: 81139

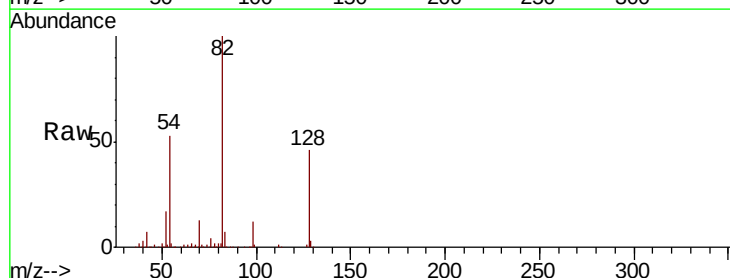
Ion Ratio Lower Upper

70 100

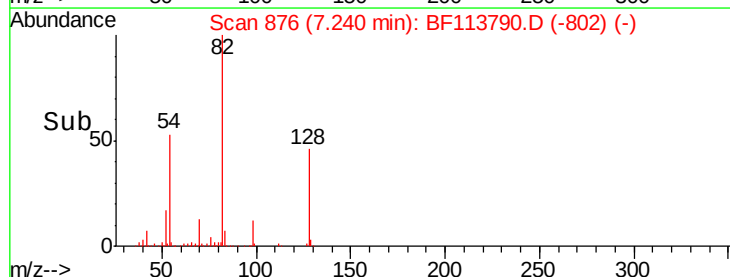
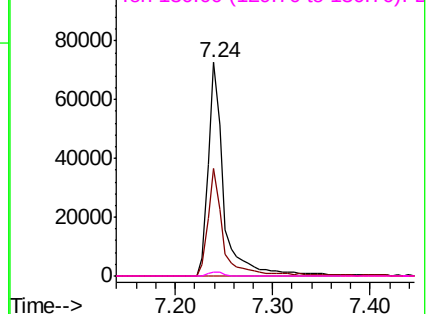
42 50.1 49.0 73.6

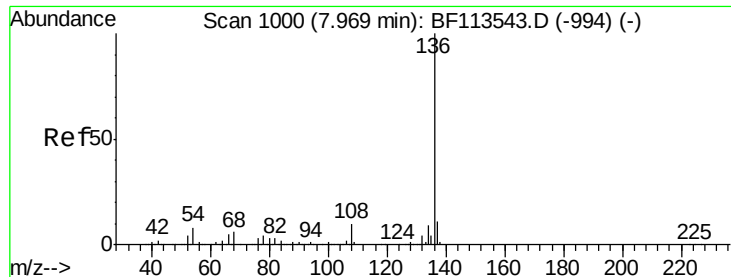
101 0.0 7.8 11.6#

130 2.1 17.8 26.6#



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

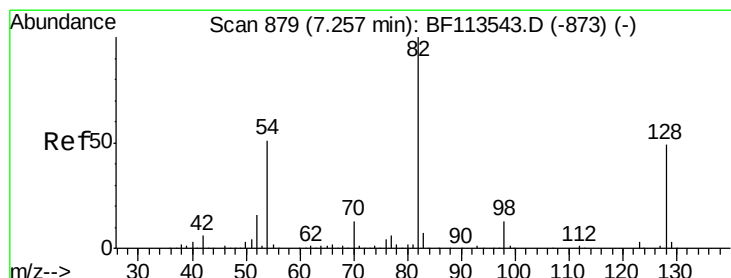
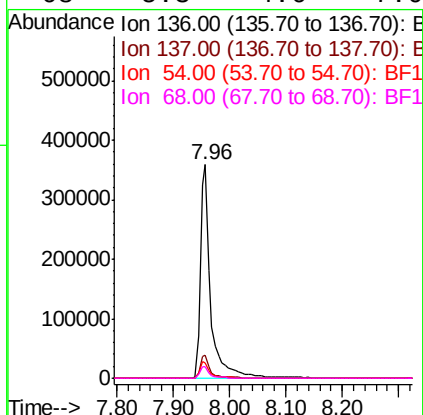
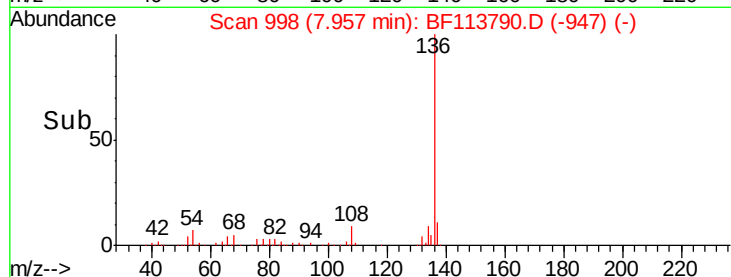
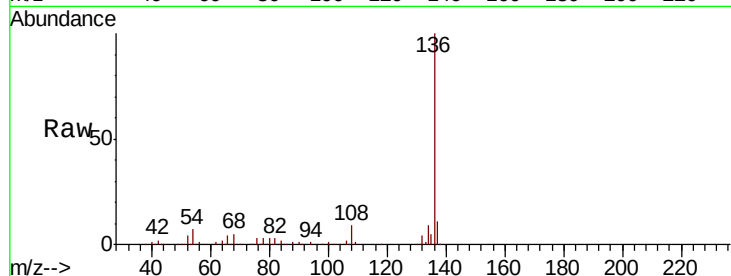




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF113790.D
Acq: 16 Apr 2019 13:31

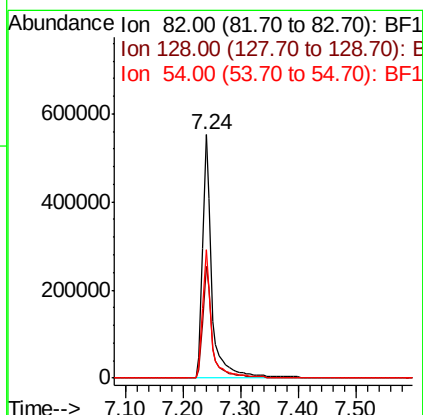
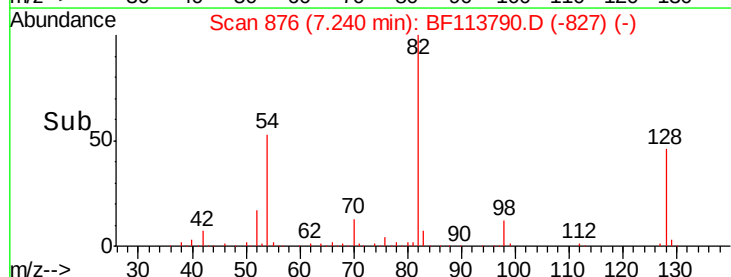
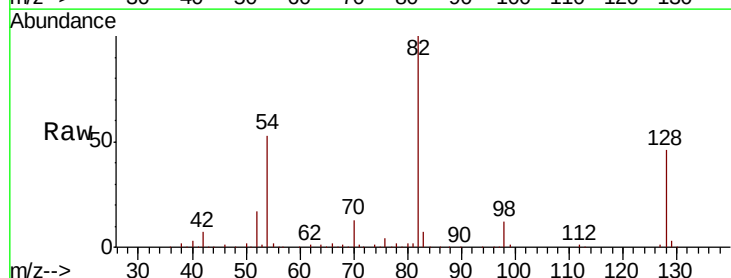
Instrument :
BNA_F
ClientSampleId :

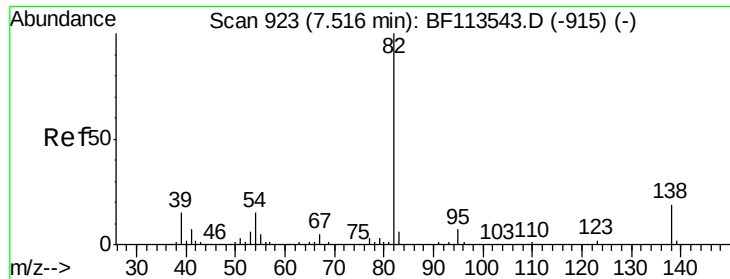
Tot Ion:136	Resp:	455927
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.8 13.2
54	7.2	6.4 9.6
68	5.3	4.6 7.0



#23
Nitrobenzene-d5
Concen: 82.372 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF113790.D
Acq: 16 Apr 2019 13:31

Tgt Ion: 82	Resp:	641148
Ion	Ratio	Lower Upper
82	100	
128	45.8	38.2 57.2
54	52.6	41.0 61.4

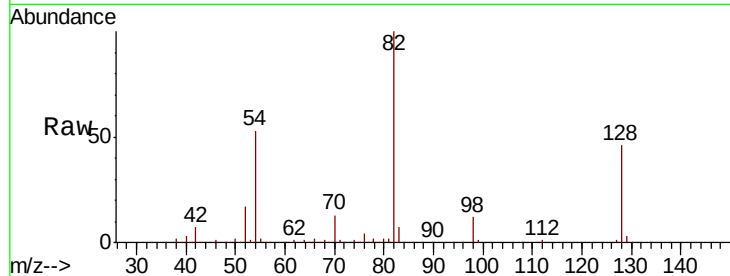




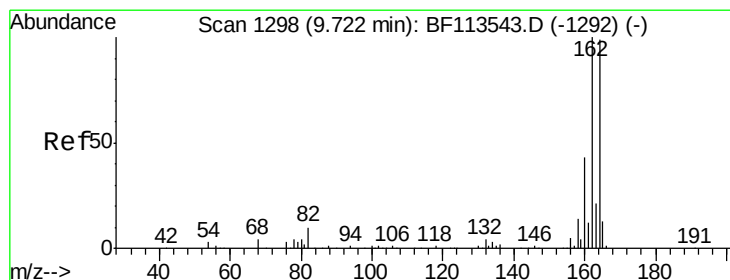
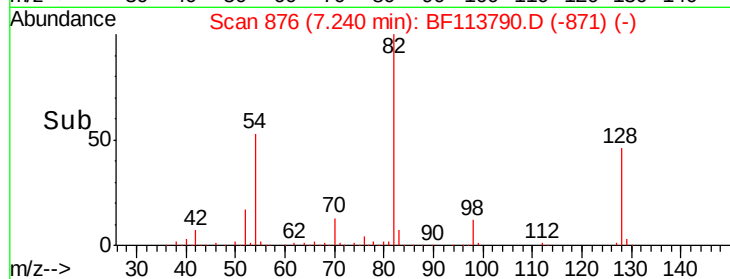
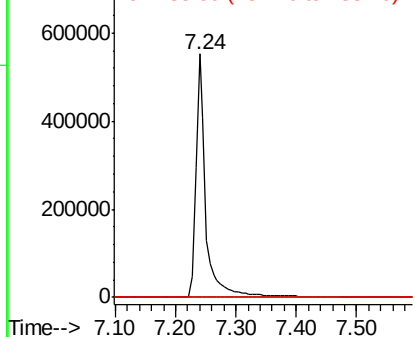
#25
Isophorone
Concen: 42.086 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.27 min
Lab File: BF113790.D
Acq: 16 Apr 2019 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 631035
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#

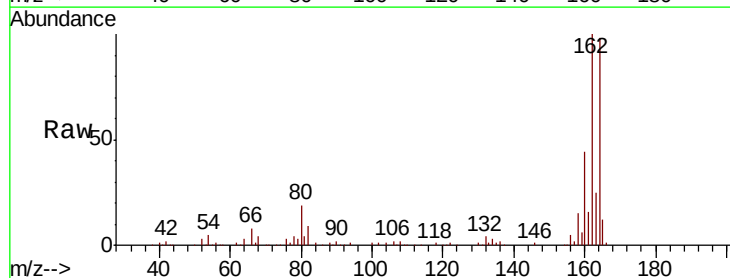


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

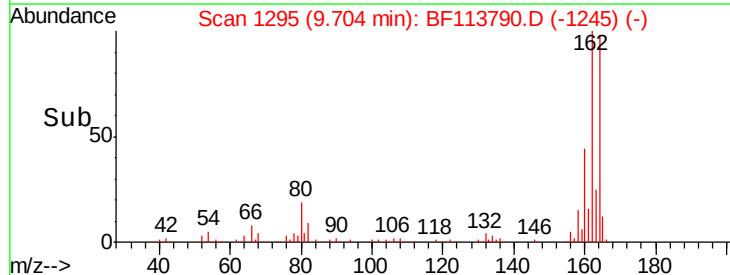
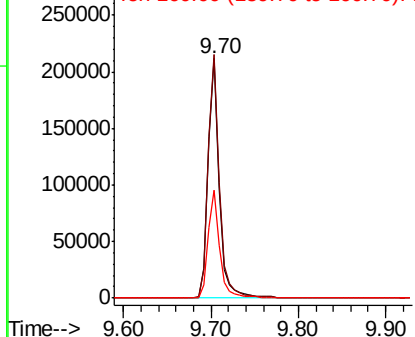


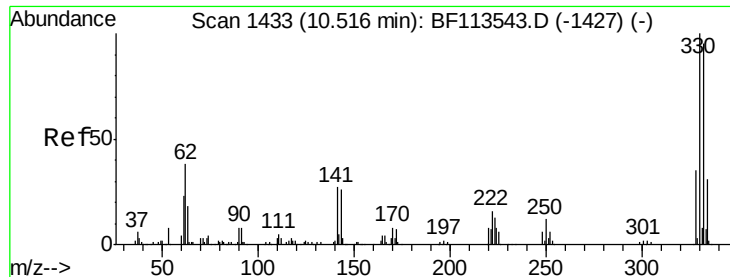
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF113790.D
Acq: 16 Apr 2019 13:31

Tgt Ion:164 Resp: 190685
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 44.8 35.8 53.6



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: 93.350 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF113790.D

Acq: 16 Apr 2019 13:31

Instrument :

BNA_F

ClientSampleId :

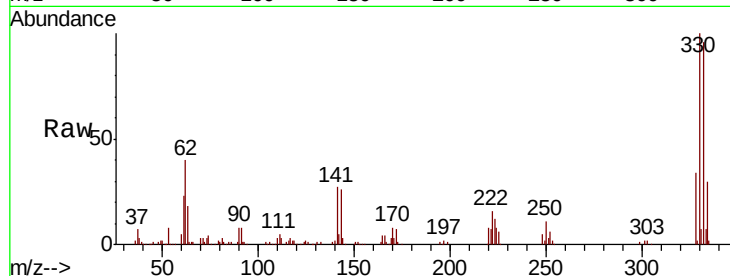
Tot Ion:330 Resp: 213827

Ion Ratio Lower Upper

330 100

332 97.5 76.8 115.2

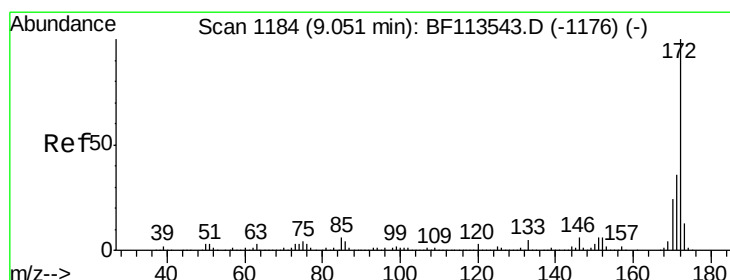
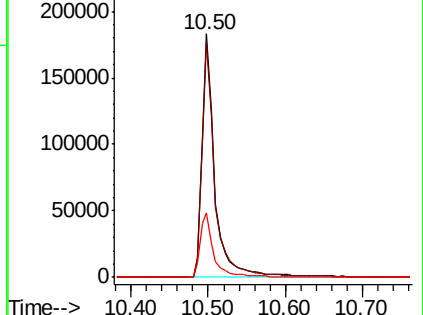
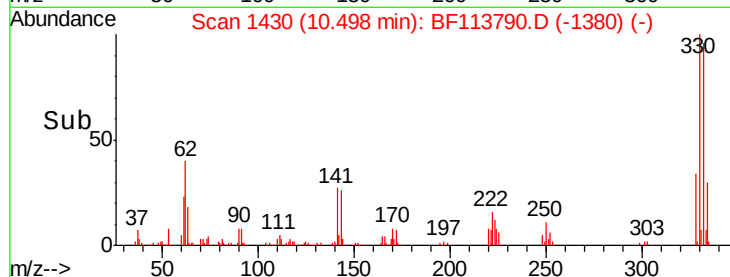
141 27.9 21.0 31.4



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: 93.293 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF113790.D

Acq: 16 Apr 2019 13:31

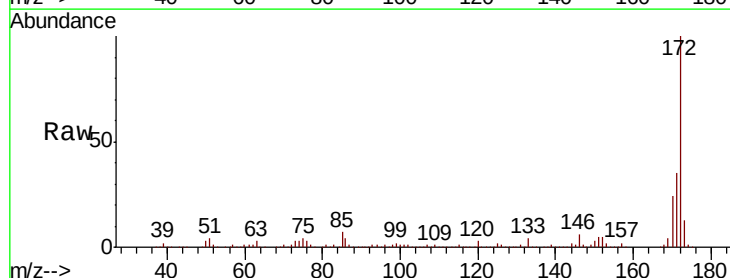
Tgt Ion:172 Resp: 1105020

Ion Ratio Lower Upper

172 100

171 35.3 29.3 43.9

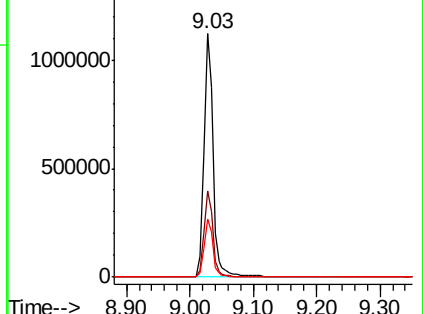
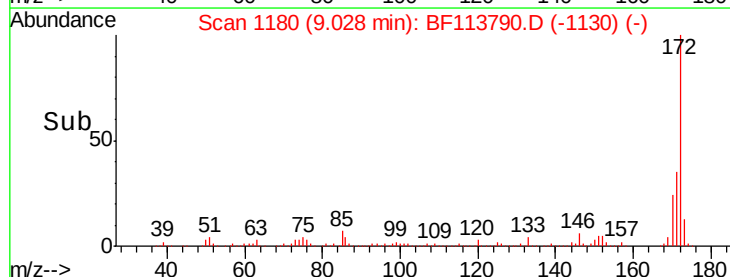
170 24.1 19.6 29.4

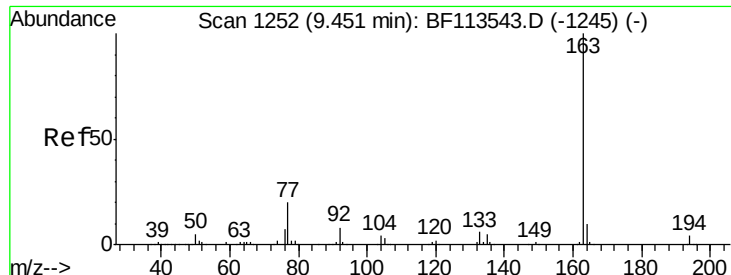


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

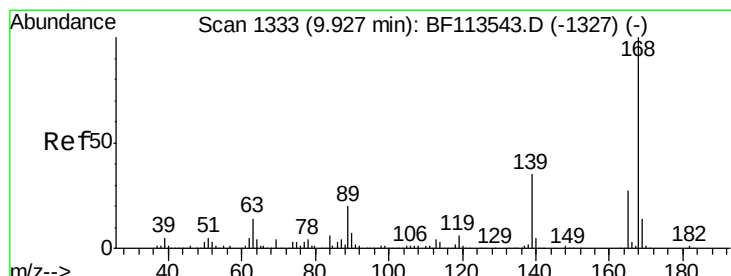
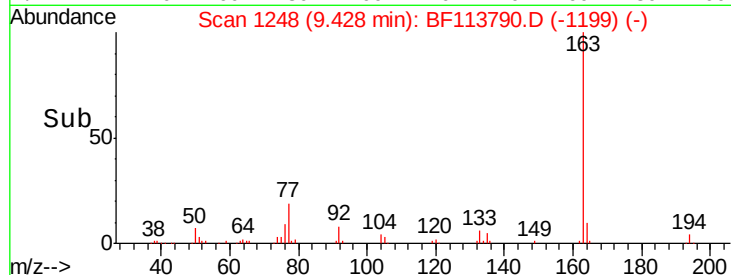
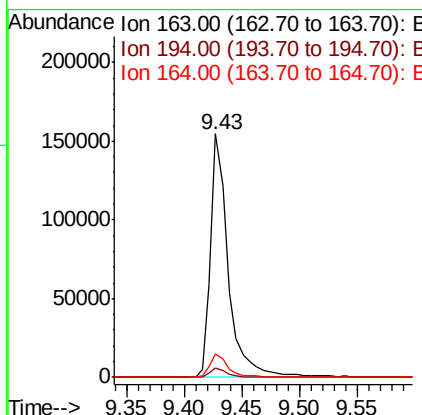
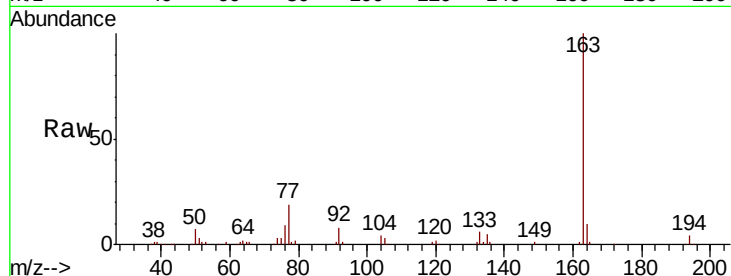




#50
Dimethylphthalate
Concen: 11.795 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF113790.D
Acq: 16 Apr 2019 13:31

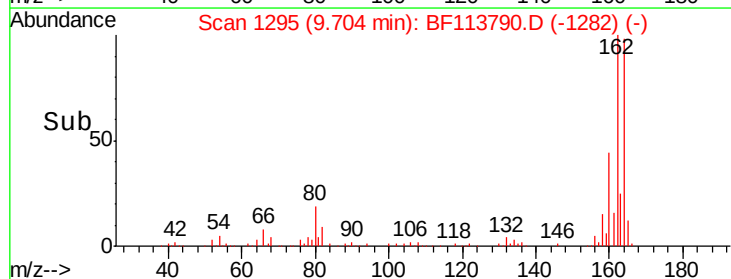
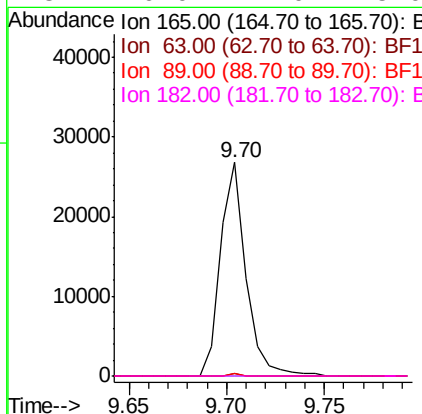
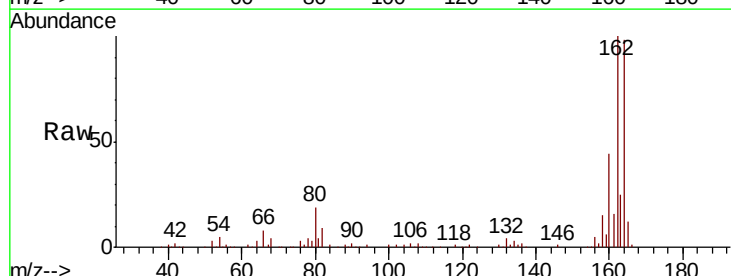
Instrument :
BNA_F
ClientSampleId :

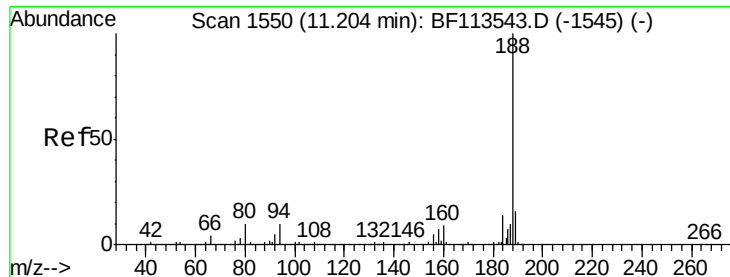
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.7	8.3	12.5



#57
2,4-Dinitrotoluene
Concen: 6.513 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.22 min
Lab File: BF113790.D
Acq: 16 Apr 2019 13:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.2	48.2#
89	1.1	51.3	76.9#
182	0.0	2.0	3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF113790.D

Acq: 16 Apr 2019 13:31

Instrument :

BNA_F

ClientSampleId :

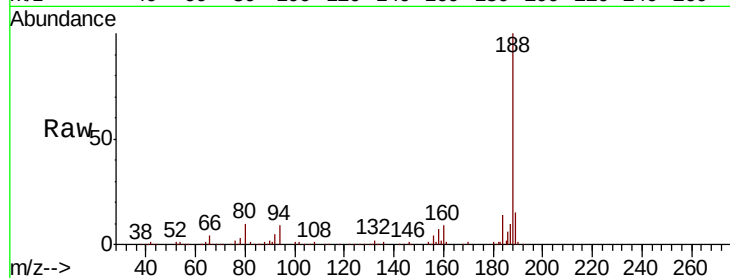
Tot Ion:188 Resp: 318252

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

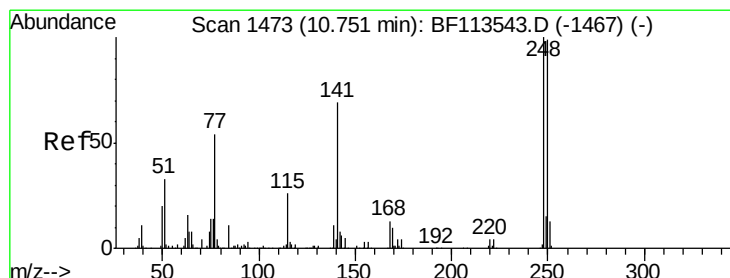
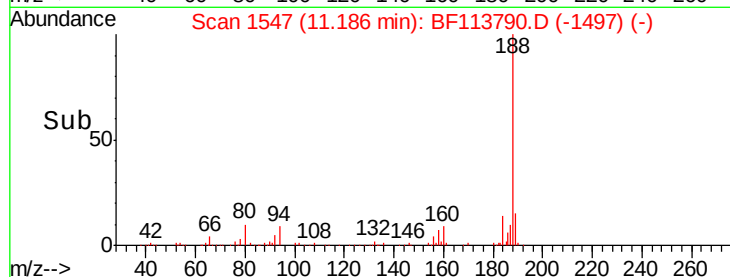
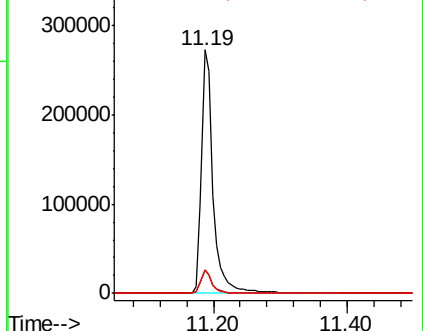
80 9.8 7.4 11.2



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: 3.254 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.24 min

Lab File: BF113790.D

Acq: 16 Apr 2019 13:31

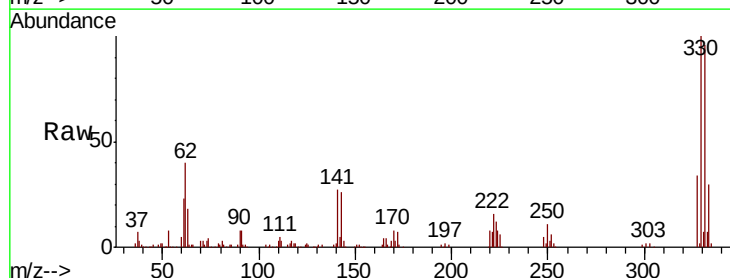
Tgt Ion:248 Resp: 11613

Ion Ratio Lower Upper

248 100

250 209.8 77.8 116.6#

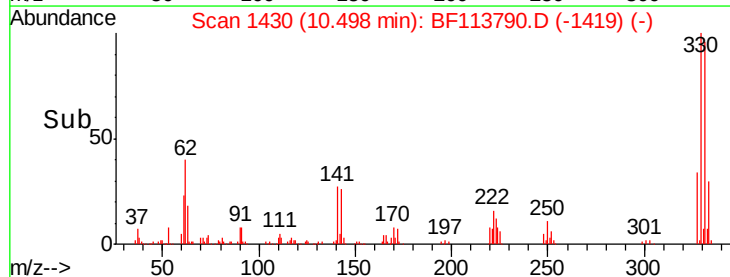
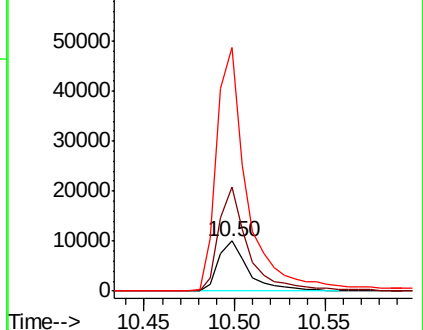
141 489.3 55.3 82.9#

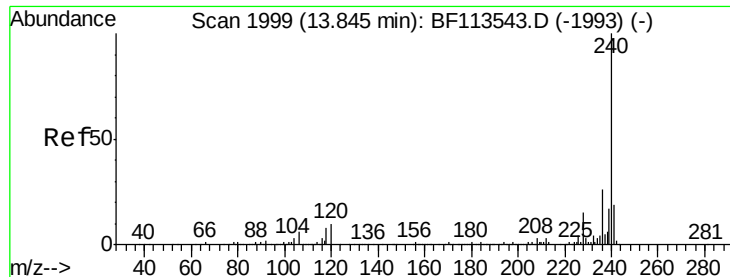


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

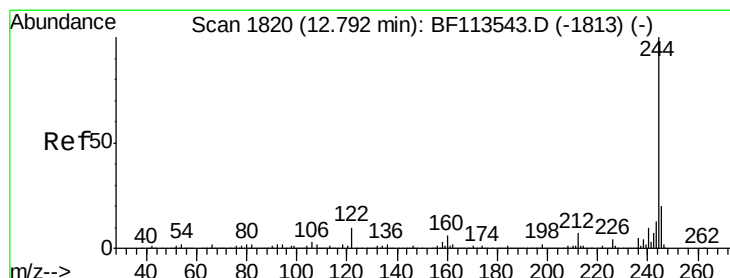
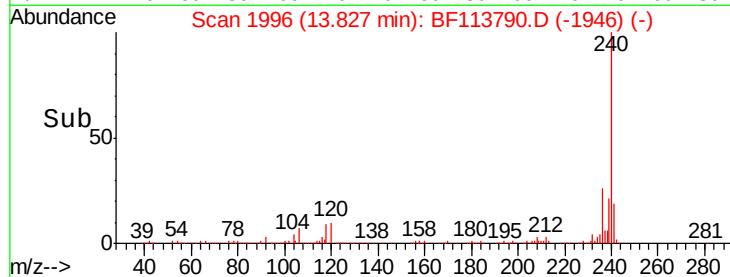
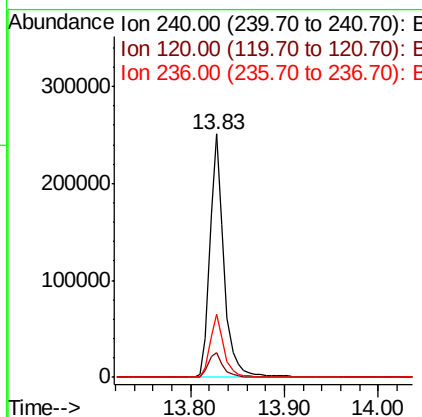
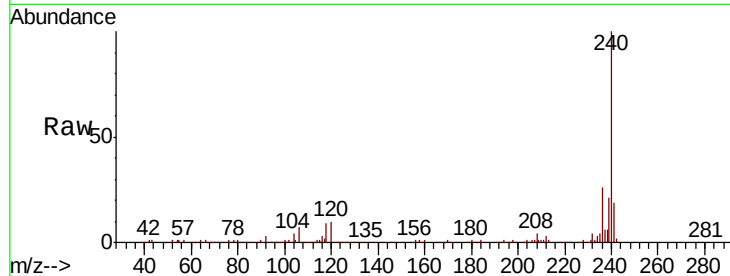




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF113790.D
 Acq: 16 Apr 2019 13:31

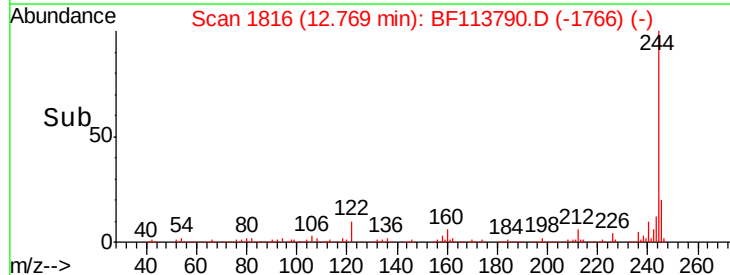
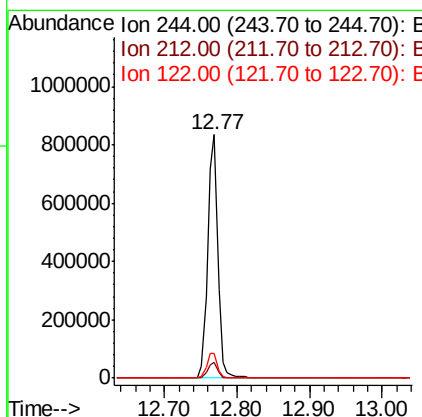
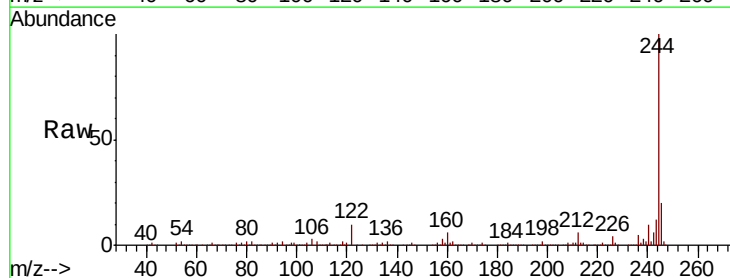
Instrument :
 BNA_F
 ClientSampleId :

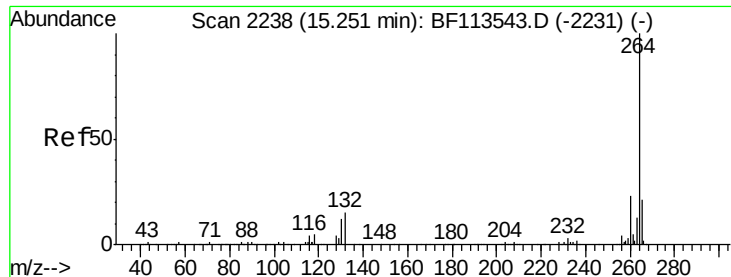
Tot Ion:240 Resp: 265759
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.5 12.7
 236 26.1 21.0 31.6



#79
 Terphenyl-d14
 Concen: 62.236 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF113790.D
 Acq: 16 Apr 2019 13:31

Tgt Ion:244 Resp: 812354
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 9.9 9.0 13.6

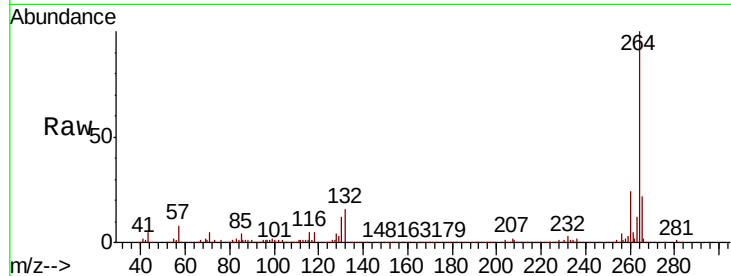




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF113790.D
 Acq: 16 Apr 2019 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.8	17.4	26.0



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

