

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110119\
 Data File : BF117683.D
 Acq On : 1 Nov 2019 16:10
 Operator : JU
 Sample : K5615-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 17:11:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

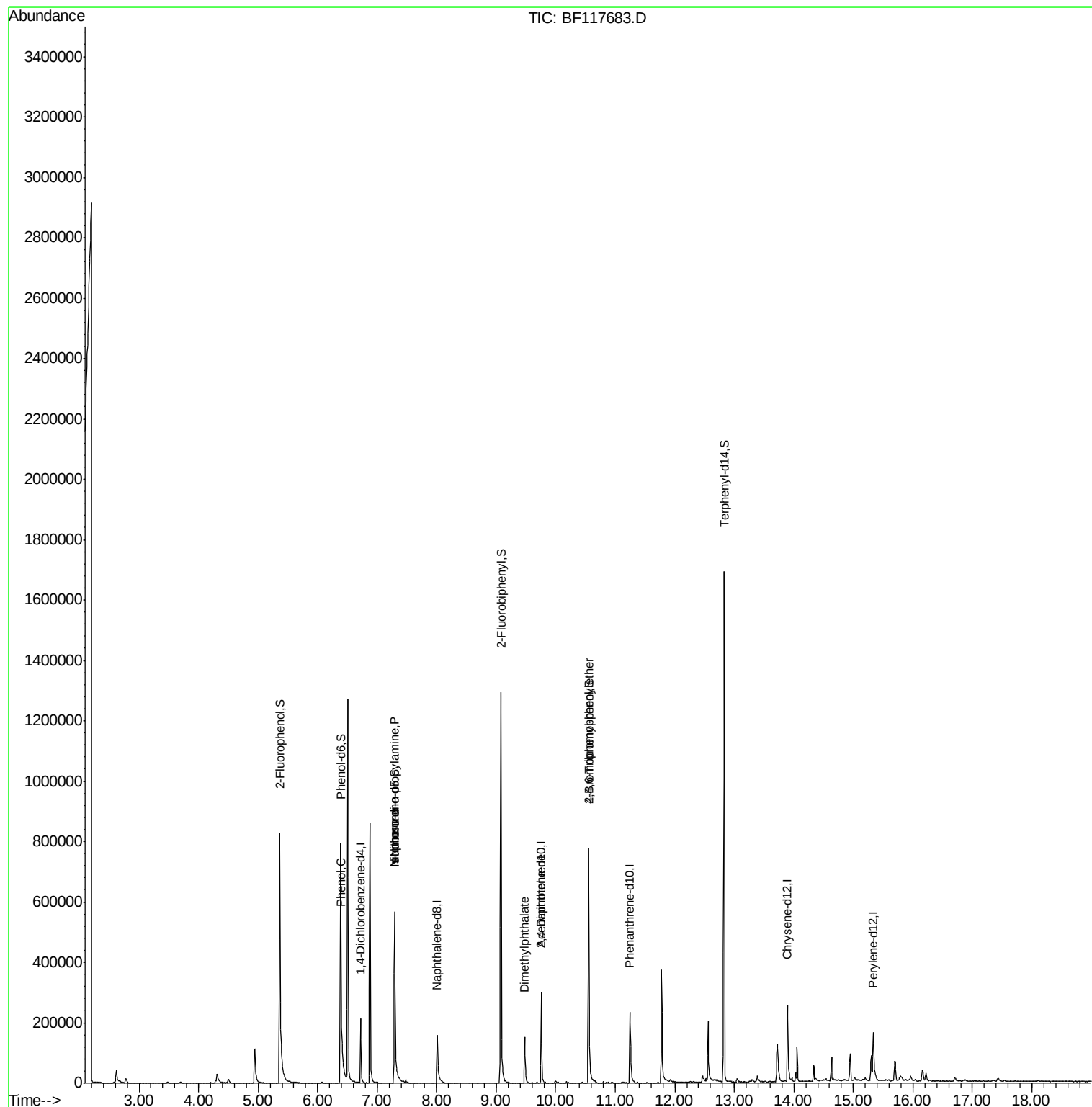
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	34284	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	139020	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	74008	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	132408	20.00	ng	0.00
76) Chrysene-d12	13.89	240	110157	20.00	ng	0.00
87) Perylene-d12	15.33	264	104497	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	328356	142.49	ng	0.01
7) Phenol-d6	6.39	99	429468	138.75	ng	0.00
23) Nitrobenzene-d5	7.29	82	280027	99.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	103365	161.42	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	494033	94.06	ng	-0.01
79) Terphenyl-d14	12.83	244	606525	89.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	373	Below Cal	Qvalue #	3
10) Phenol	6.40	94	14300	4.527 ng	#	80
19) n-Nitroso-di-n-propylamine	7.29	70	36769	19.452 ng	#	79
25) Isophorone	7.29	82	280025	57.483 ng	#	65
50) Dimethylphthalate	9.48	163	88564	16.786 ng		99
57) 2,4-Dinitrotoluene	9.76	165	9263	6.328 ng	#	12
67) 4-Bromophenyl-phenylether	10.55	248	6761	4.741 ng	#	1

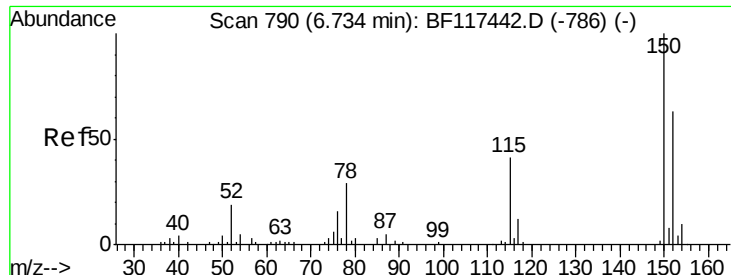
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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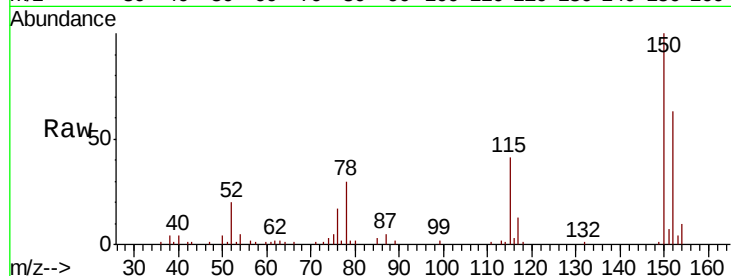


#1

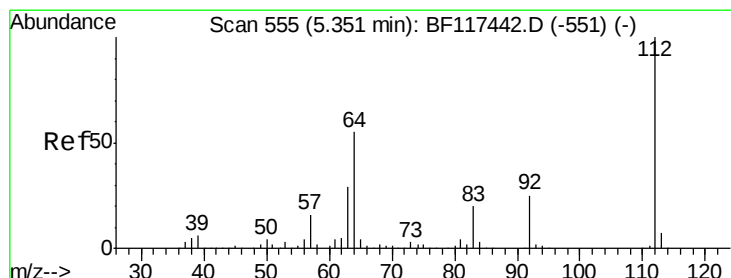
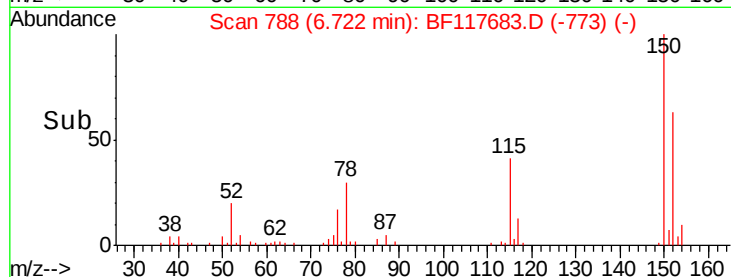
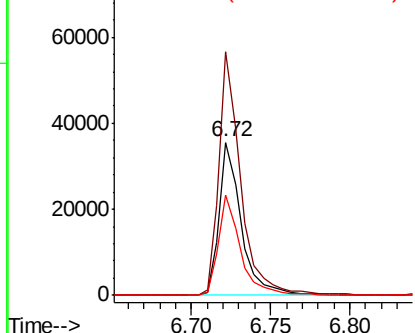
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF117683.D
Acq: 1 Nov 2019 16:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 34284
Ion Ratio Lower Upper
152 100
150 159.3 126.8 190.2
115 65.8 51.6 77.4



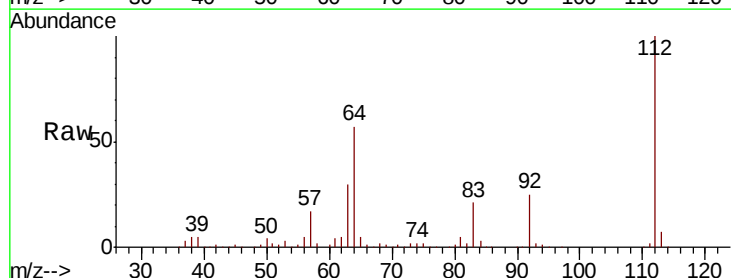
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



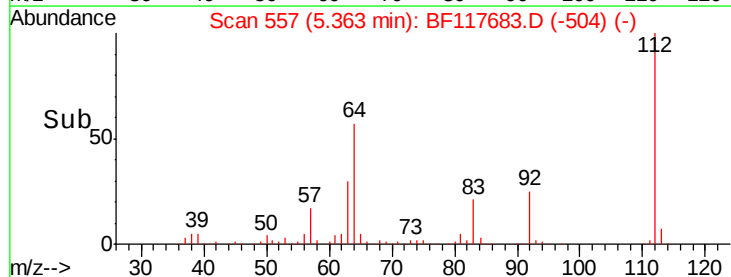
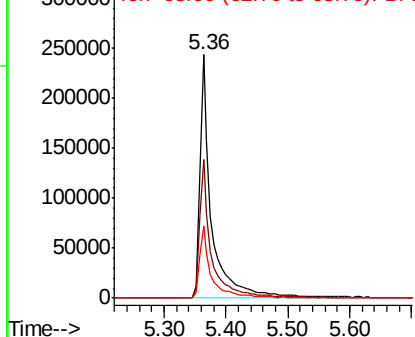
#5

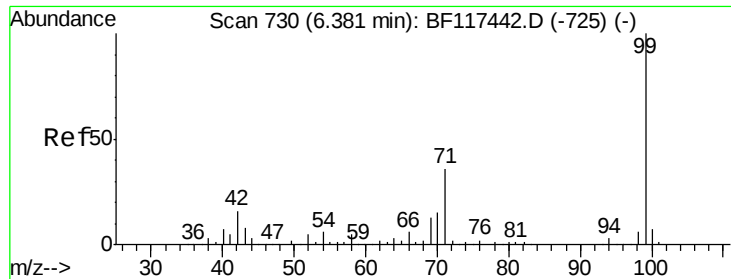
2-Fluorophenol
Concen: 142.485 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117683.D
Acq: 1 Nov 2019 16:10

Tgt Ion:112 Resp: 328356
Ion Ratio Lower Upper
112 100
64 56.9 44.1 66.1
63 29.8 23.4 35.2



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: 138.753 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117683.D

Acq: 1 Nov 2019 16:10

Instrument :

BNA_F

ClientSampleId :

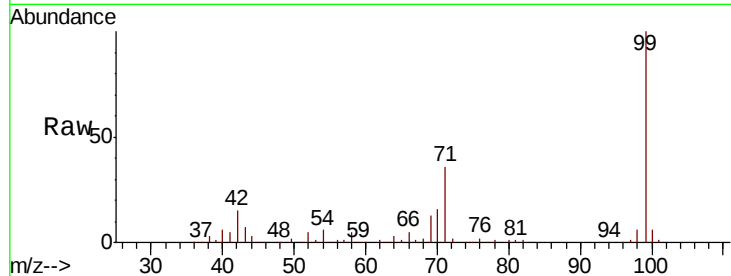
Tot Ion: 99 Resp: 429468

Ion Ratio Lower Upper

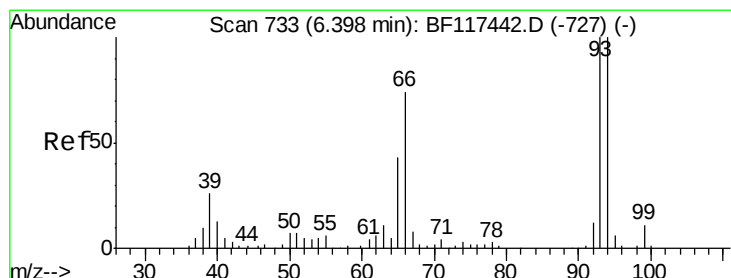
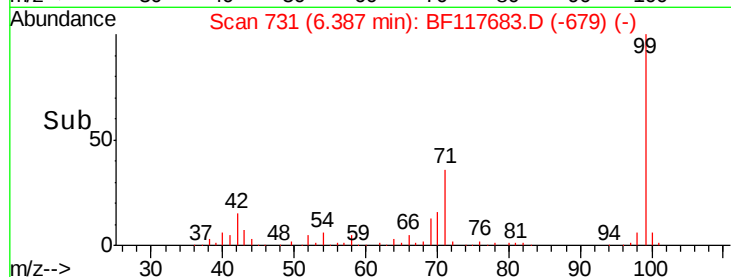
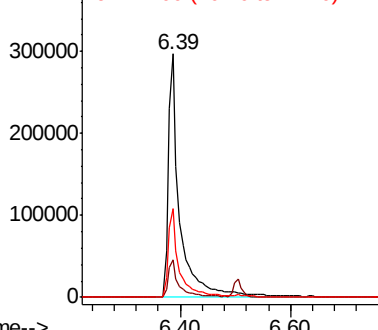
99 100

42 15.2 12.8 19.2

71 36.4 28.6 43.0



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



#10

Phenol

Concen: 4.527 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF117683.D

Acq: 1 Nov 2019 16:10

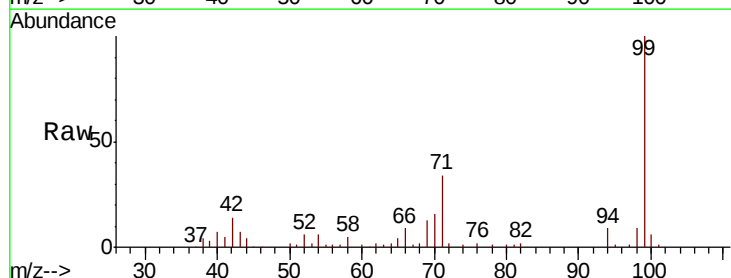
Tgt Ion: 94 Resp: 14300

Ion Ratio Lower Upper

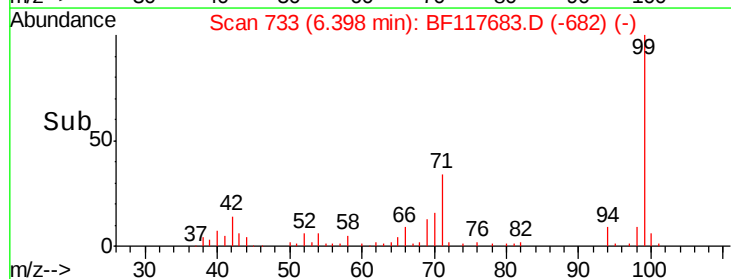
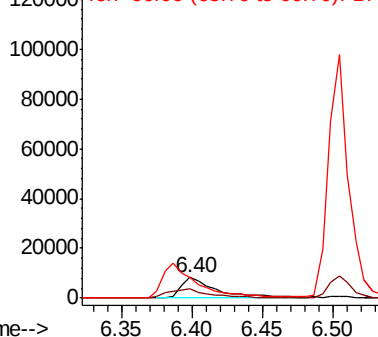
94 100

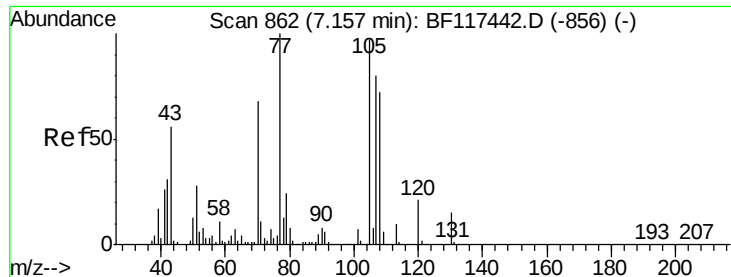
65 43.8 23.4 63.4

66 101.7 54.7 94.7#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

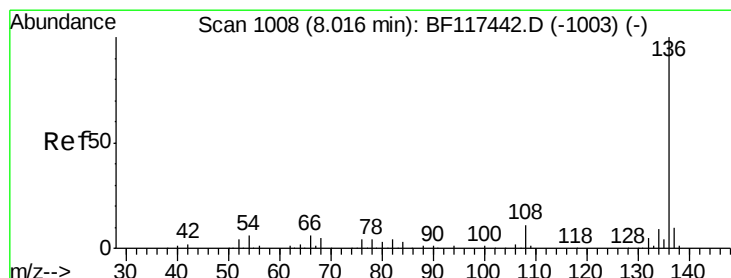
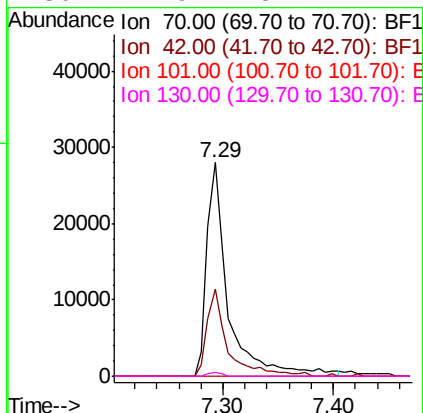
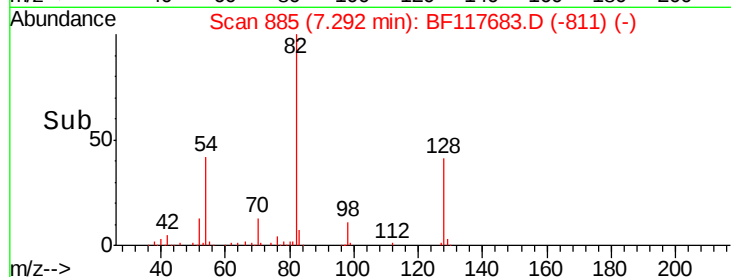
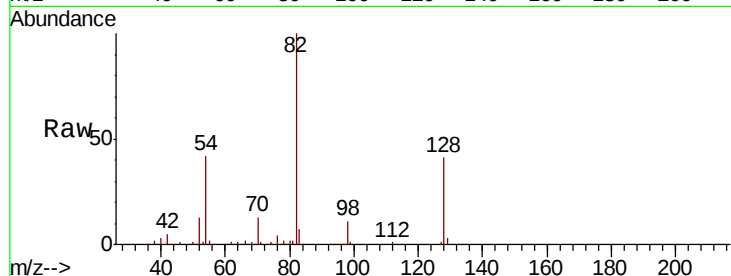




#19
n-Nitroso-di-n-propylamine
Concen: 19.452 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117683.D
Acq: 1 Nov 2019 16:10

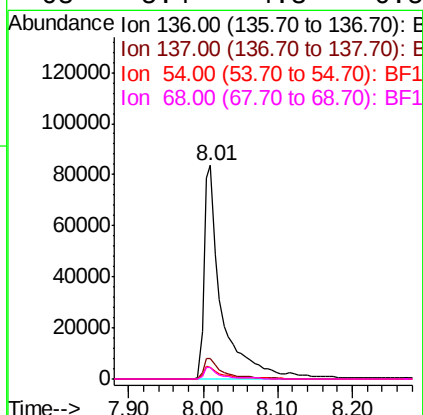
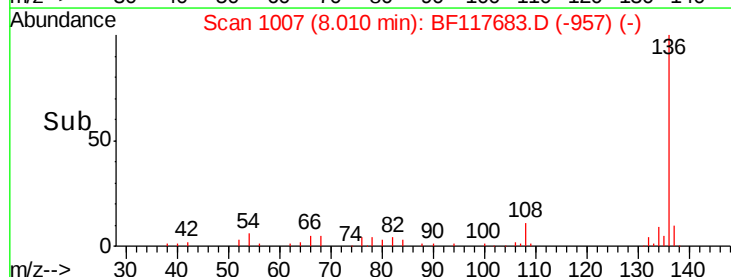
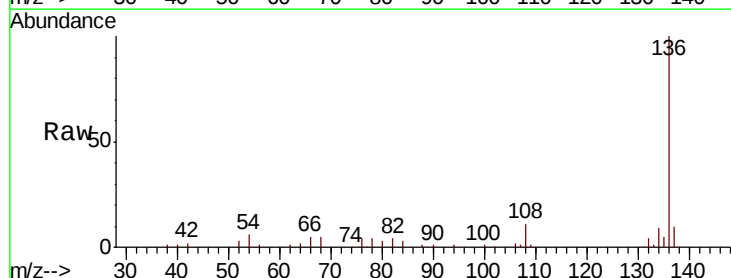
Instrument :
BNA_F
ClientSampleId :

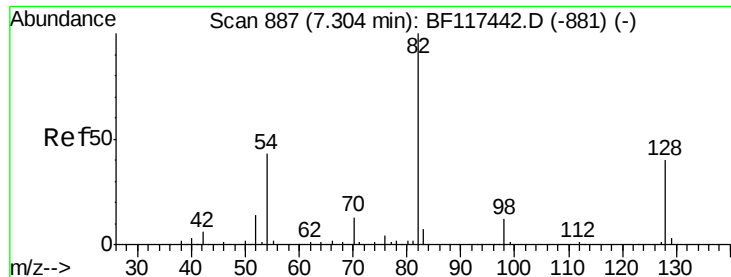
Tot Ion: 70 Resp: 36769
Ion Ratio Lower Upper
70 100
42 40.7 36.7 55.1
101 0.0 8.3 12.5#
130 1.9 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117683.D
Acq: 1 Nov 2019 16:10

Tgt Ion:136 Resp: 139020
Ion Ratio Lower Upper
136 100
137 9.5 8.2 12.4
54 5.7 4.5 6.7
68 5.4 4.3 6.5

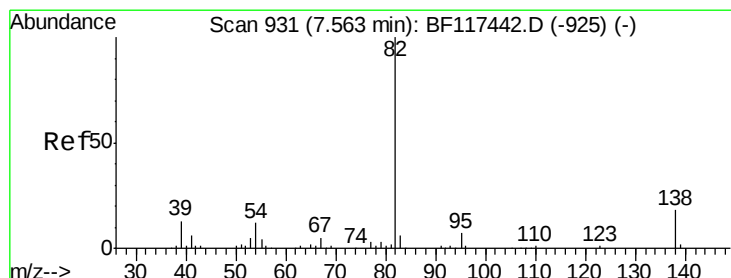
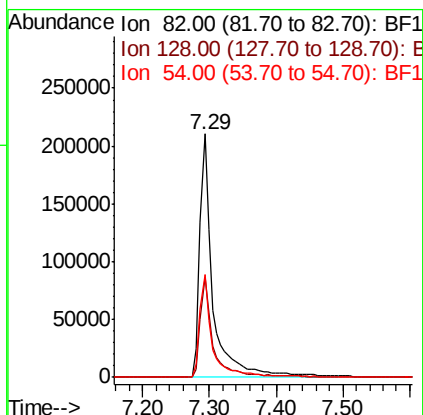
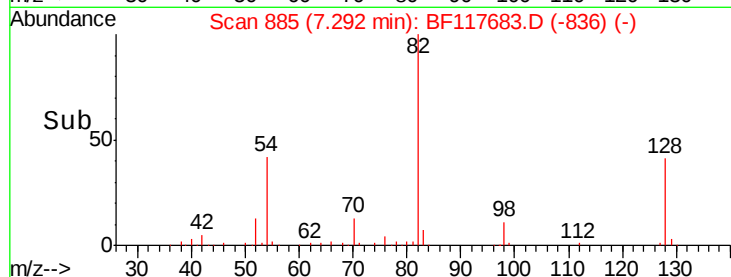
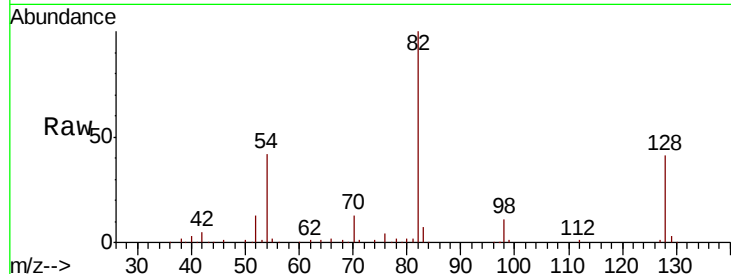




#23
Nitrobenzene-d5
Concen: 99.441 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117683.D
Acq: 1 Nov 2019 16:10

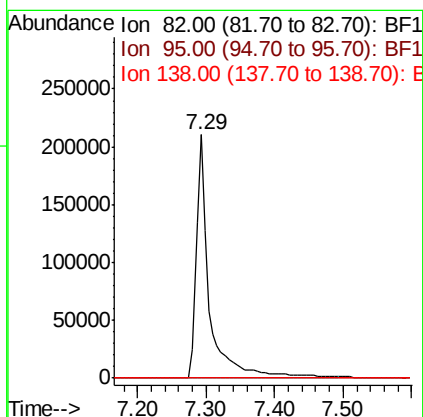
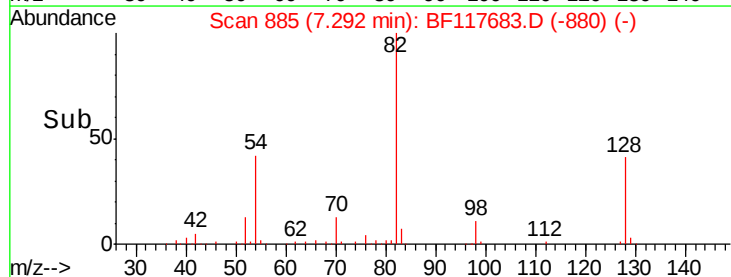
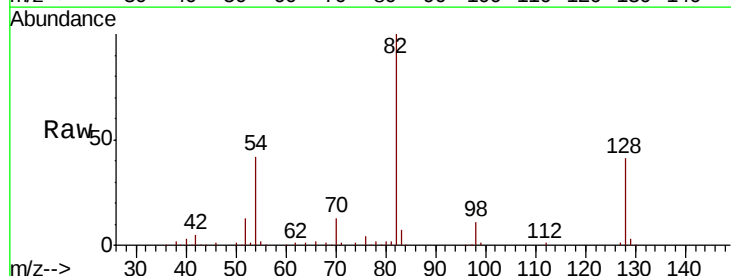
Instrument :
BNA_F
ClientSampled :

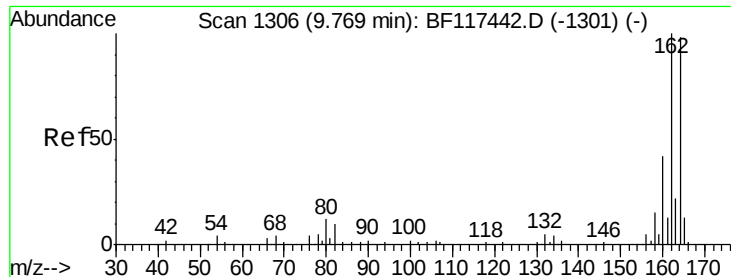
Tot Ion	82	Resp	280027
Ion Ratio	100	Lower	Upper
128	40.9	32.2	48.2
54	42.2	34.2	51.2



#25
Isophorone
Concen: 57.483 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117683.D
Acq: 1 Nov 2019 16:10

Tgt Ion	82	Resp	280025
Ion Ratio	100	Lower	Upper
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF117683.D

Acq: 1 Nov 2019 16:10

Instrument :

BNA_F

ClientSampleId :

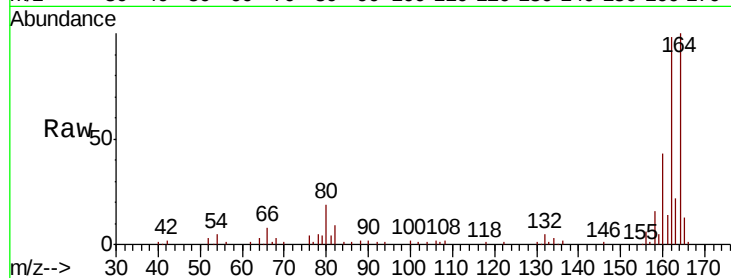
Tot Ion:164 Resp: 74008

Ion Ratio Lower Upper

164 100

162 98.0 81.8 122.6

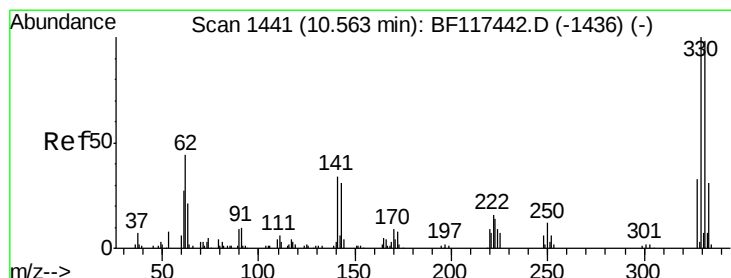
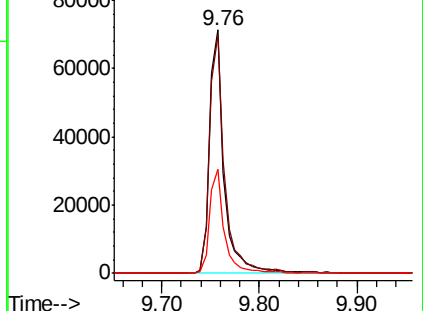
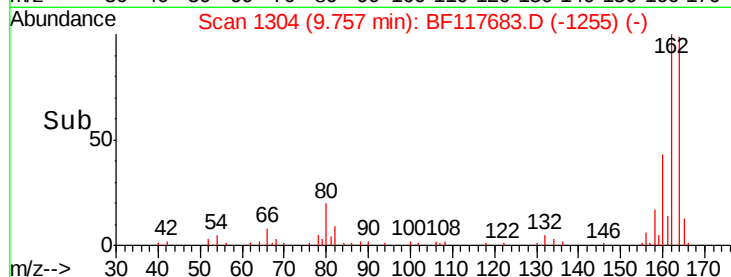
160 42.5 34.4 51.6



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: 161.417 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF117683.D

Acq: 1 Nov 2019 16:10

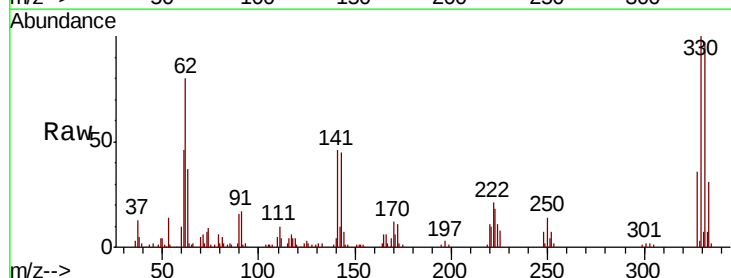
Tgt Ion:330 Resp: 103365

Ion Ratio Lower Upper

330 100

332 95.5 78.5 117.7

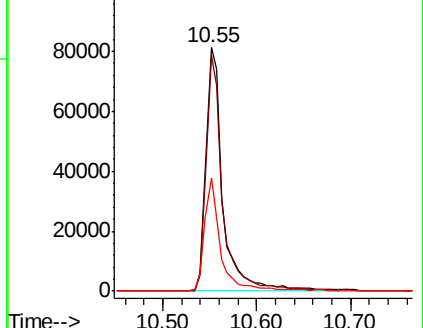
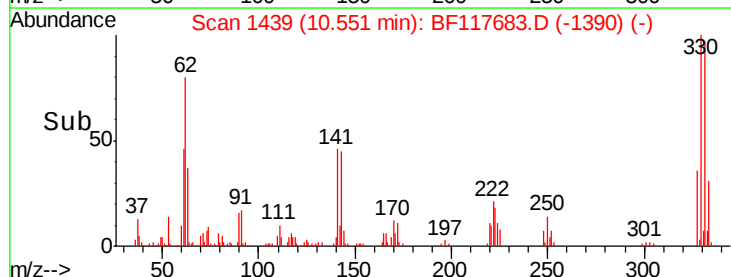
141 43.6 37.0 55.6

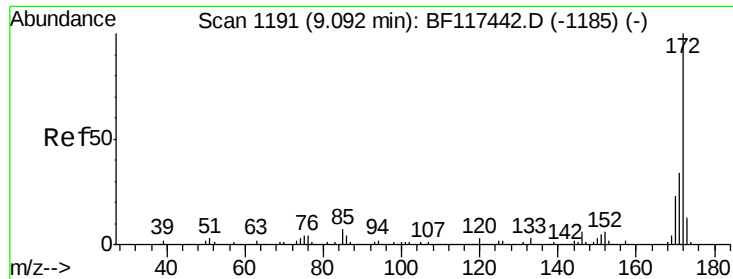


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

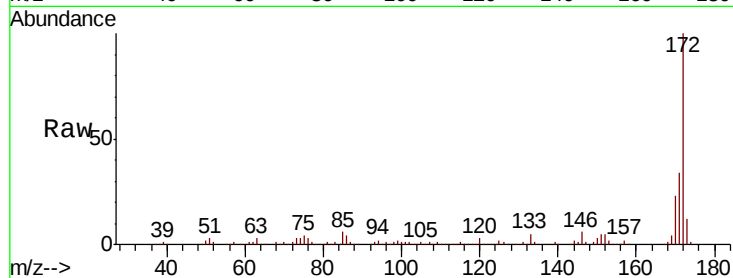




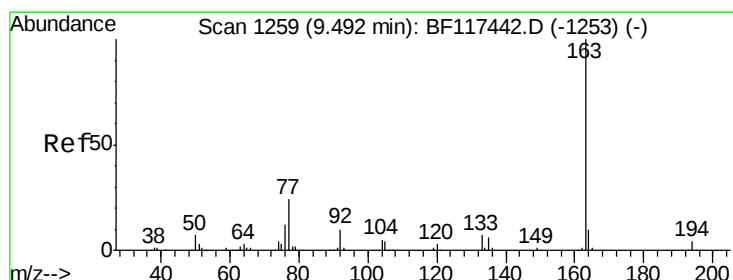
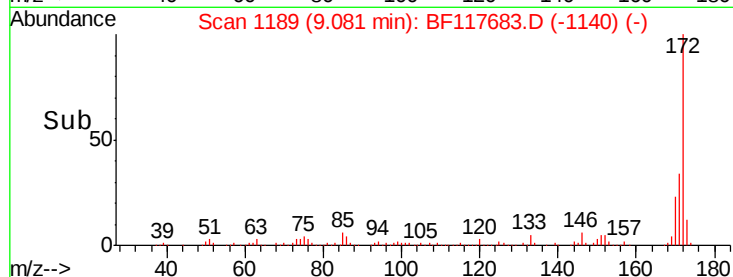
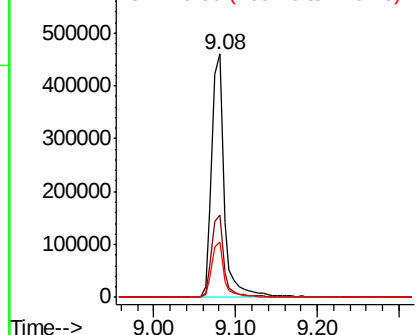
#45
2-Fluorobiphenyl
Concen: 94.056 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117683.D
Acq: 1 Nov 2019 16:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 494033
Ion Ratio Lower Upper
172 100
171 34.0 27.5 41.3
170 22.7 18.6 27.8

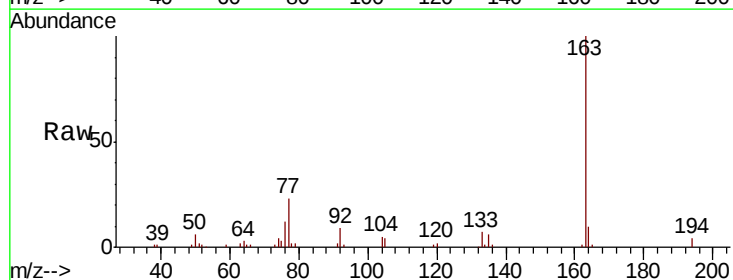


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

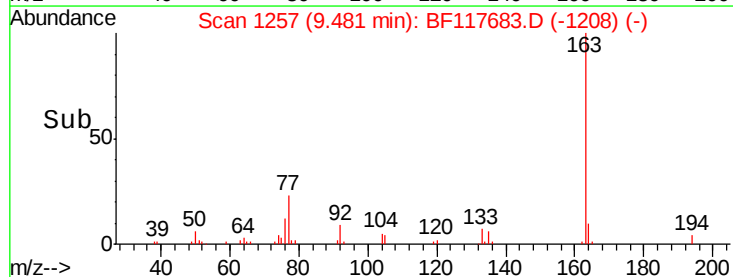
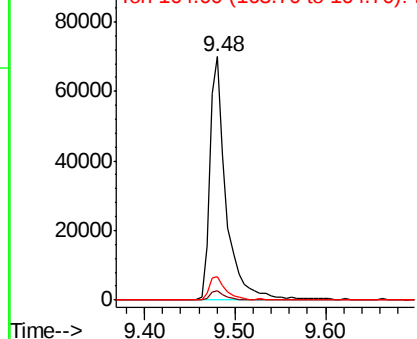


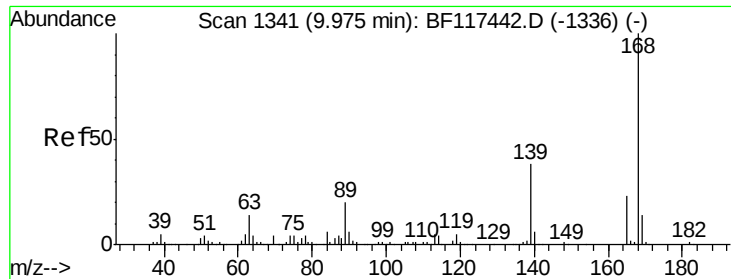
#50
Dimethylphthalate
Concen: 16.786 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117683.D
Acq: 1 Nov 2019 16:10

Tgt Ion:163 Resp: 88564
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.9 8.2 12.2



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

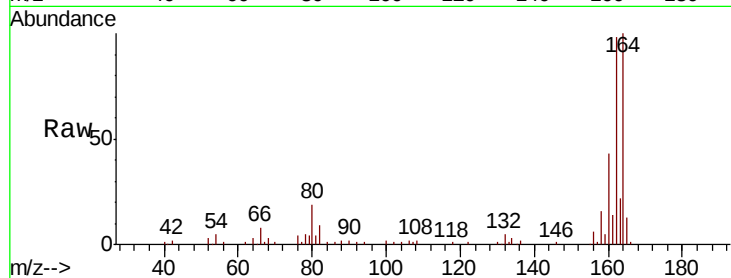




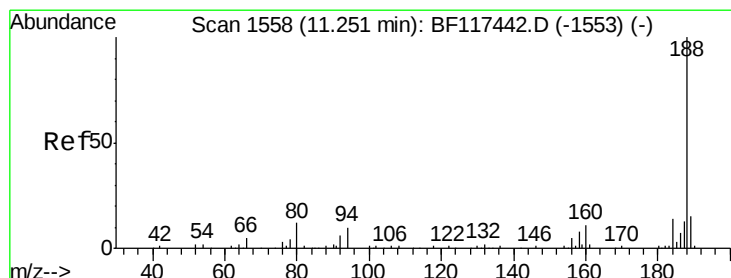
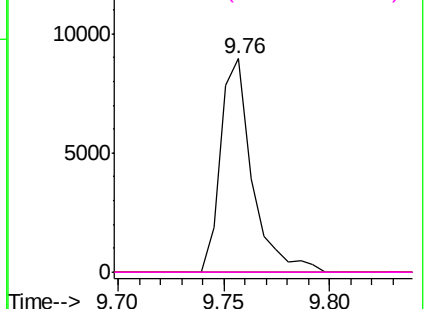
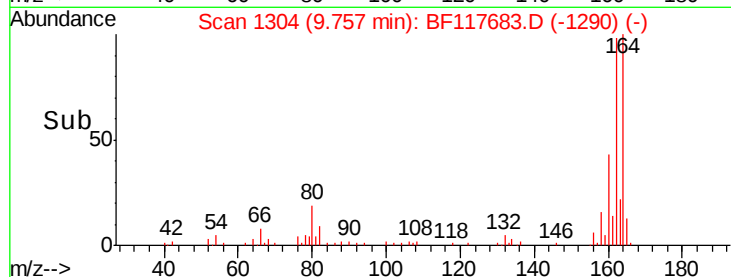
#57
 2,4-Dinitrotoluene
 Concen: 6.328 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.22 min
 Lab File: BF117683.D
 Acq: 1 Nov 2019 16:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 9263
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.4 77.0#
 89 0.0 69.9 104.9#
 182 0.0 1.9 2.9#

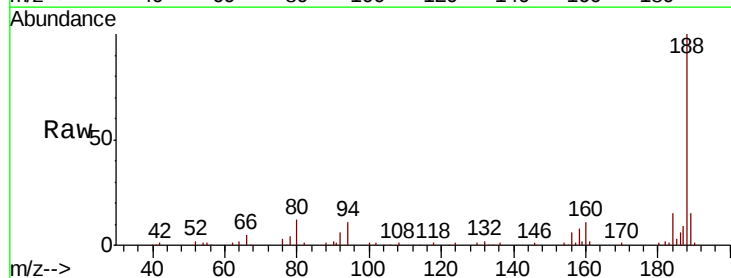


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

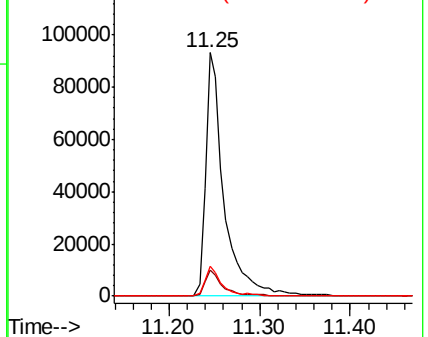
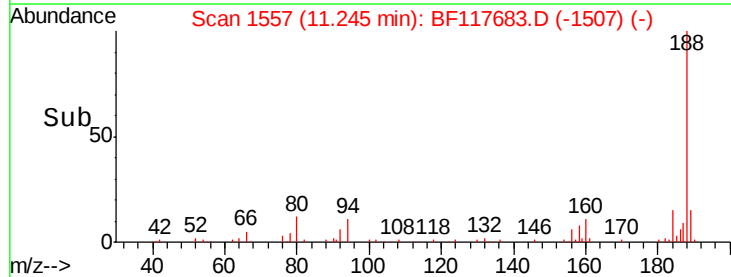


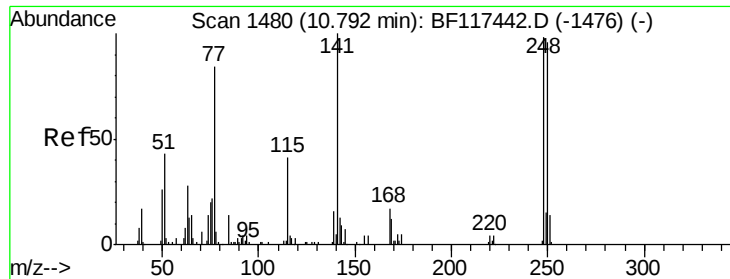
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF117683.D
 Acq: 1 Nov 2019 16:10

Tgt Ion:188 Resp: 132408
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.0 12.0
 80 12.3 9.5 14.3



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

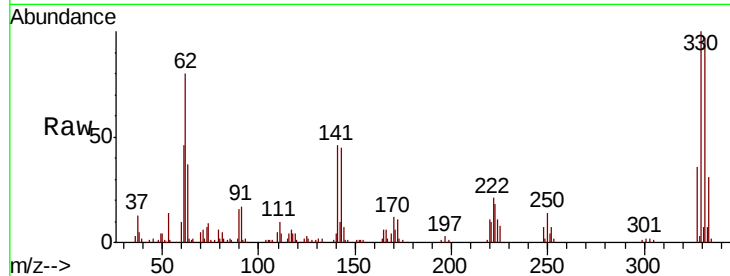




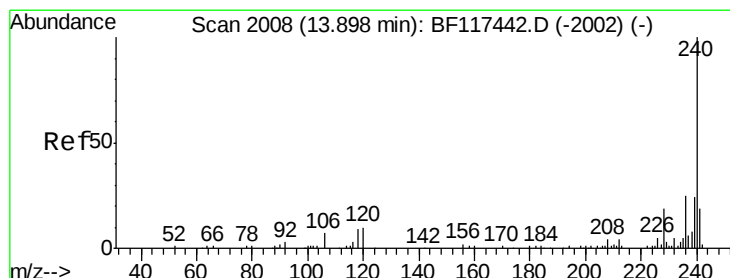
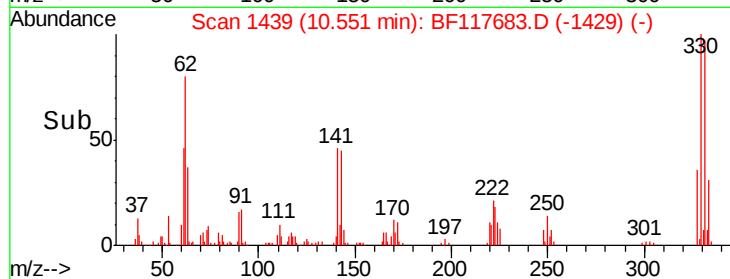
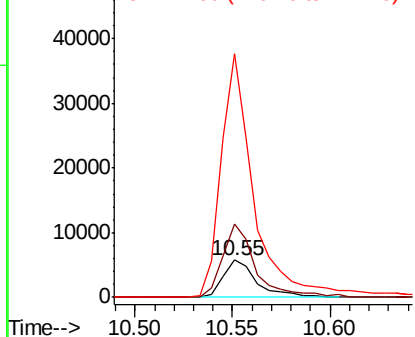
#67
 4-Bromophenyl-phenylether
 Concen: 4.741 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF117683.D
 Acq: 1 Nov 2019 16:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 6761
 Ion Ratio Lower Upper
 248 100
 250 197.0 78.0 117.0#
 141 658.9 81.7 122.5#

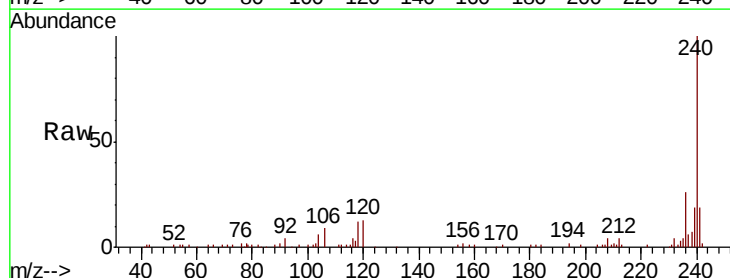


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

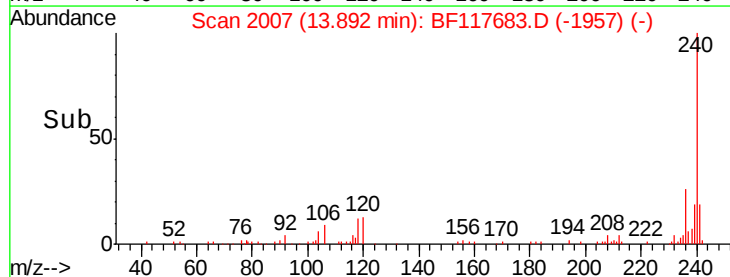
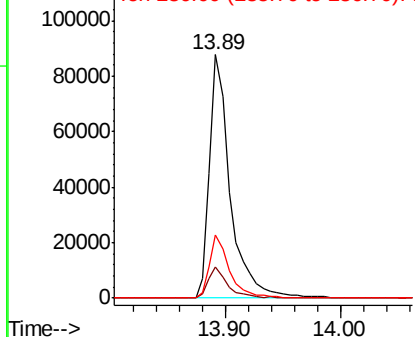


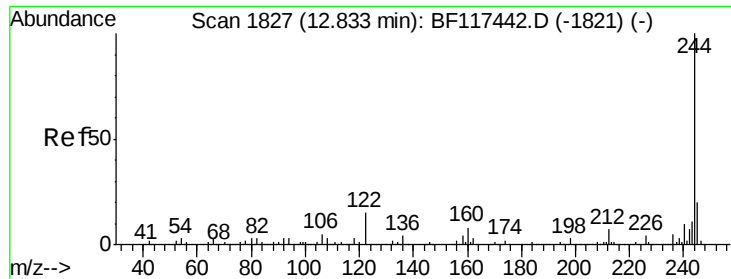
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117683.D
 Acq: 1 Nov 2019 16:10

Tgt Ion:240 Resp: 110157
 Ion Ratio Lower Upper
 240 100
 120 12.7 8.4 12.6#
 236 25.9 20.0 30.0



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

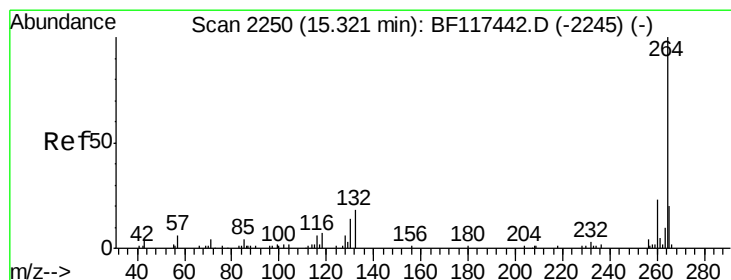
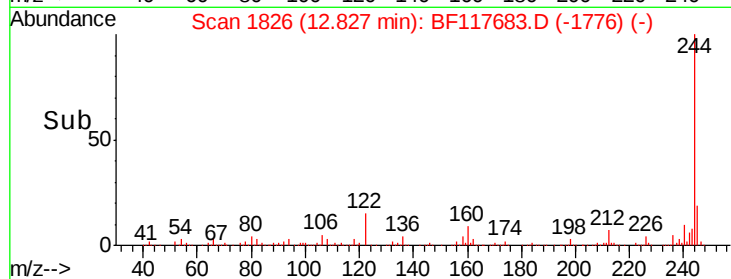
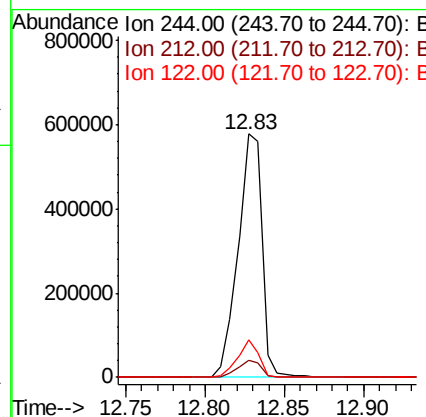
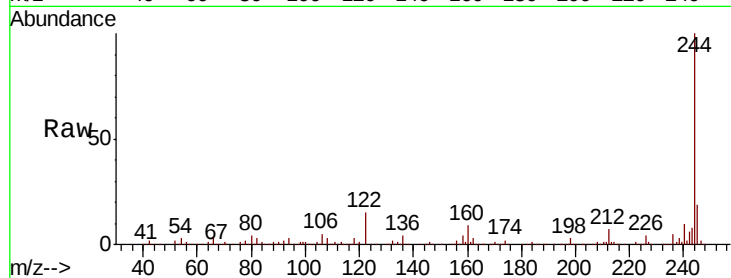




#79
 Terphenyl-d14
 Concen: 89.809 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117683.D
 Acq: 1 Nov 2019 16:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	15.4	11.8	17.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BF117683.D
 Acq: 1 Nov 2019 16:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	21.2	16.1	24.1

