

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110119\
 Data File : BF117679.D
 Acq On : 1 Nov 2019 14:23
 Operator : JU
 Sample : K5147-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 17:10:38 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	36510	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	153235	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	81614	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	151405	20.00	ng	0.00
76) Chrysene-d12	13.89	240	125302	20.00	ng	0.00
87) Perylene-d12	15.33	264	121107	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	323592	131.86	ng	0.01
7) Phenol-d6	6.39	99	431855	131.02	ng	0.00
23) Nitrobenzene-d5	7.29	82	274217	88.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	100558	142.40	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	487858	84.22	ng	-0.02
79) Terphenyl-d14	12.83	244	633327	82.44	ng	0.00

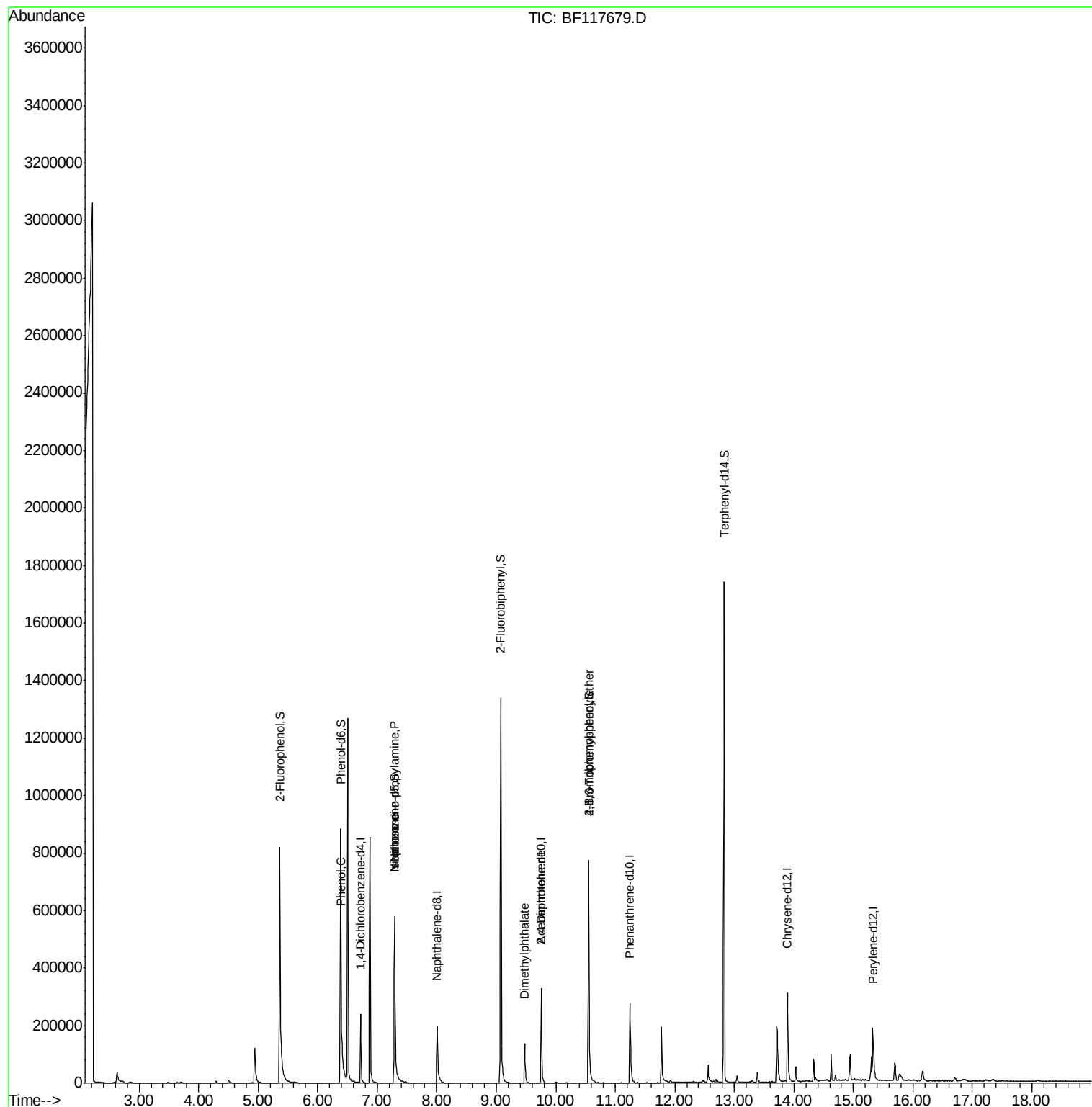
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.39	77	406	Below Cal		# 3
10) Phenol	6.40	94	13979	4.155	ng	# 89
19) n-Nitroso-di-n-propylamine	7.29	70	36459	18.112	ng	# 80
25) Isophorone	7.29	82	274215	51.068	ng	# 65
50) Dimethylphthalate	9.48	163	73011	12.549	ng	# 99
57) 2,4-Dinitrotoluene	9.76	165	10264	6.359	ng	# 12
67) 4-Bromophenyl-phenylether	10.55	248	6506	3.989	ng	# 1

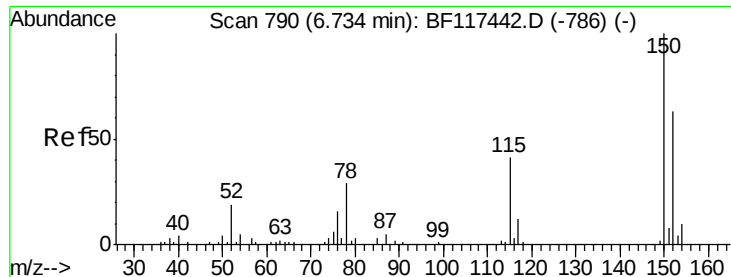
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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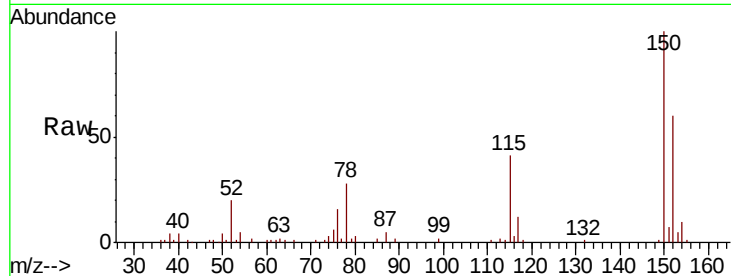


#1

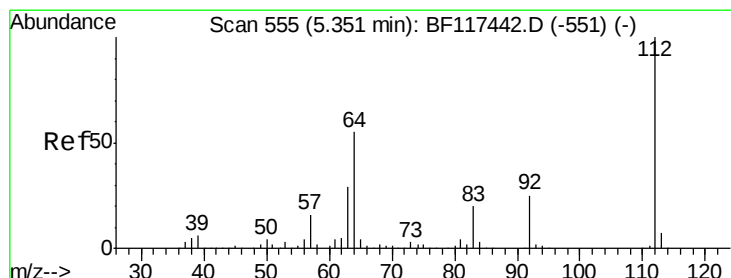
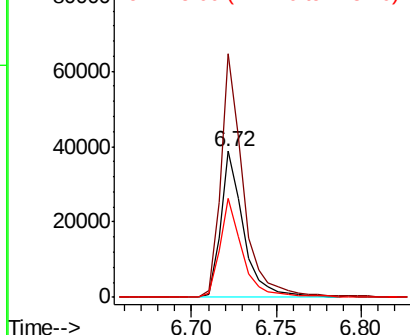
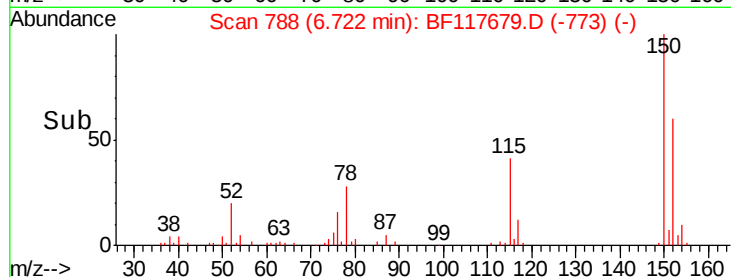
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 36510
Ion Ratio Lower Upper
152 100
150 166.5 126.8 190.2
115 67.6 51.6 77.4



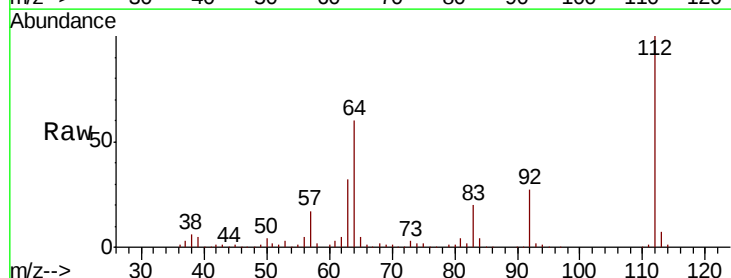
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



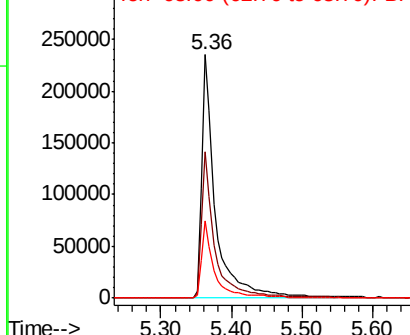
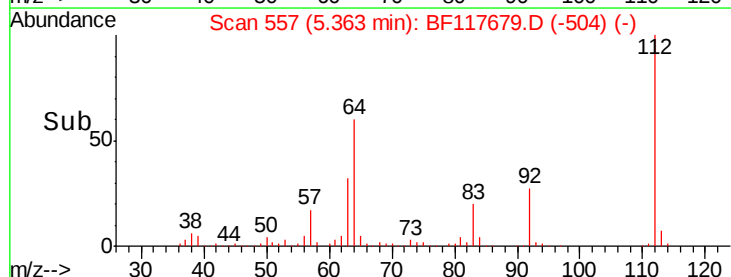
#5

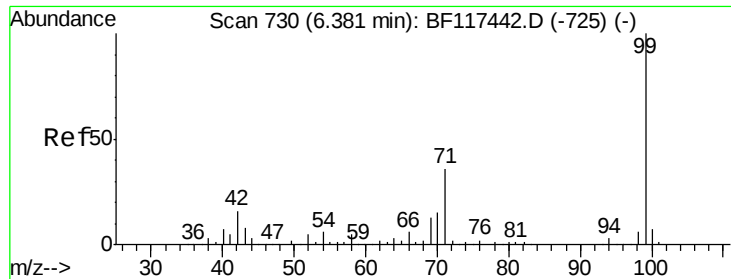
2-Fluorophenol
Concen: 131.857 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Tgt Ion:112 Resp: 323592
Ion Ratio Lower Upper
112 100
64 60.3 44.1 66.1
63 32.0 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: 131.018 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117679.D

Acq: 1 Nov 2019 14:23

Instrument :

BNA_F

ClientSampleId :

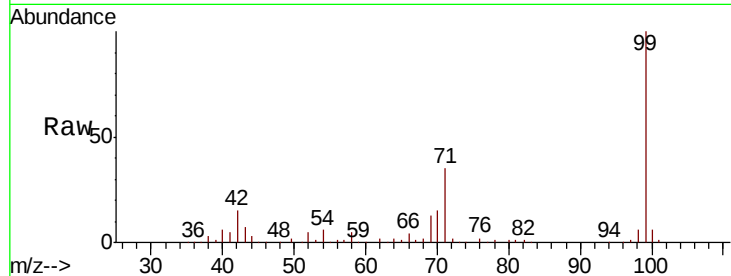
Tot Ion: 99 Resp: 431855

Ion Ratio Lower Upper

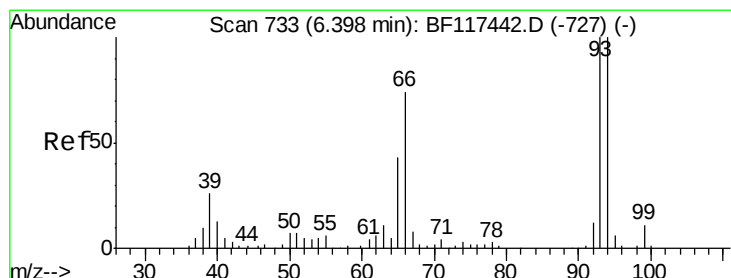
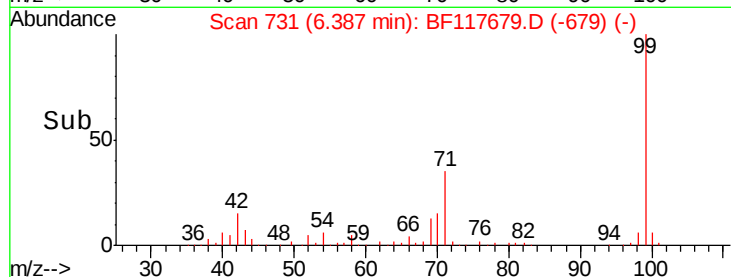
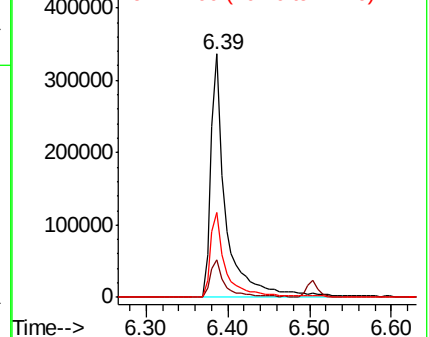
99 100

42 15.2 12.8 19.2

71 34.9 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: 4.155 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF117679.D

Acq: 1 Nov 2019 14:23

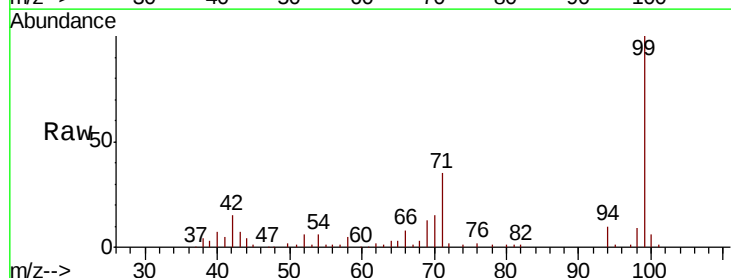
Tgt Ion: 94 Resp: 13979

Ion Ratio Lower Upper

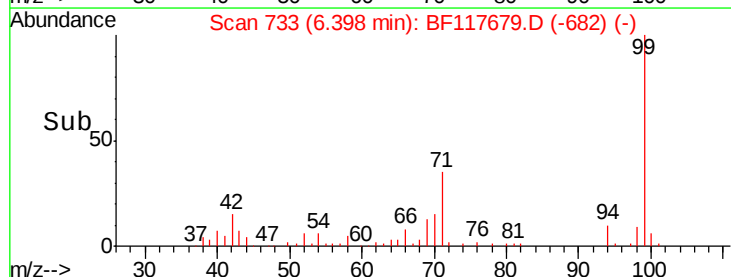
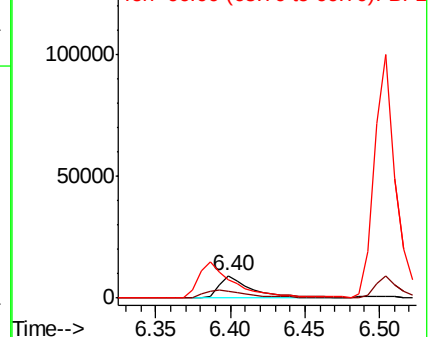
94 100

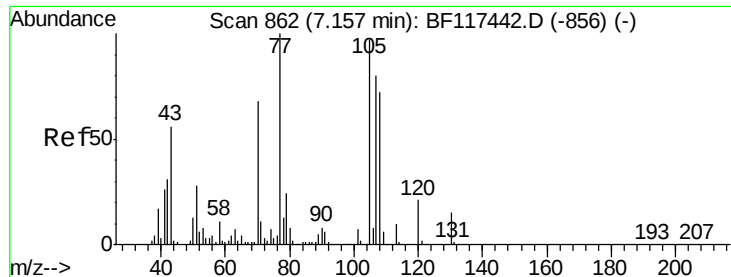
65 33.2 23.4 63.4

66 81.4 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

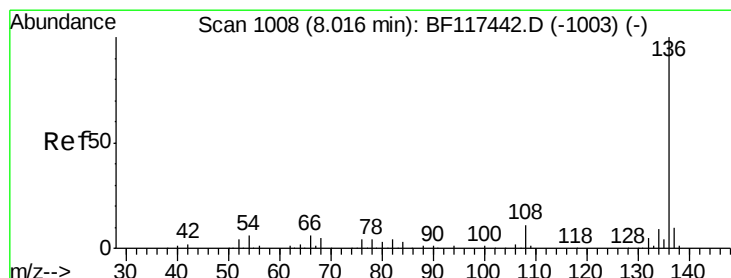
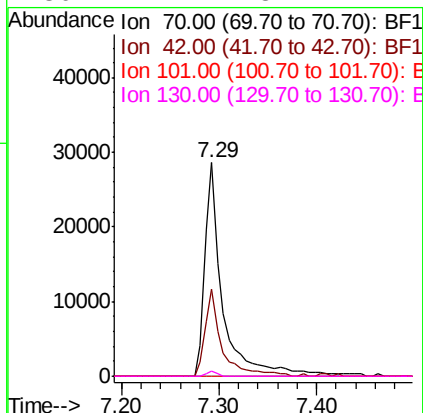
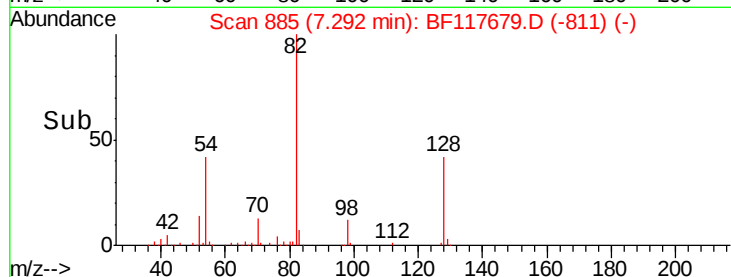
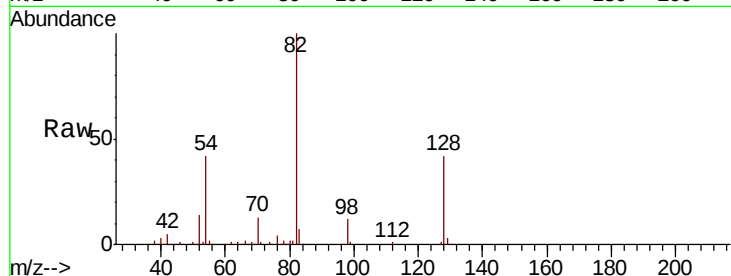




#19
n-Nitroso-di-n-propylamine
Concen: 18.112 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

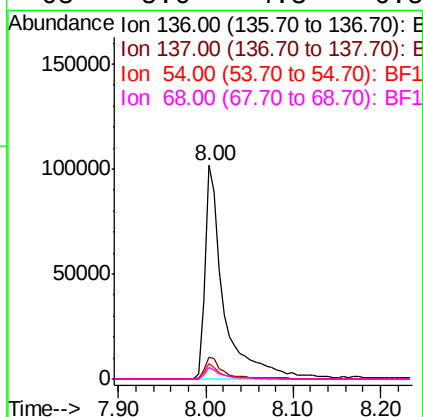
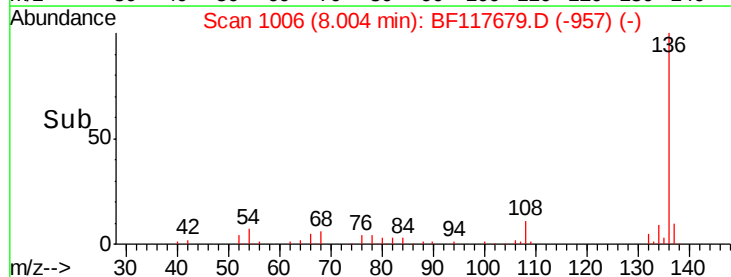
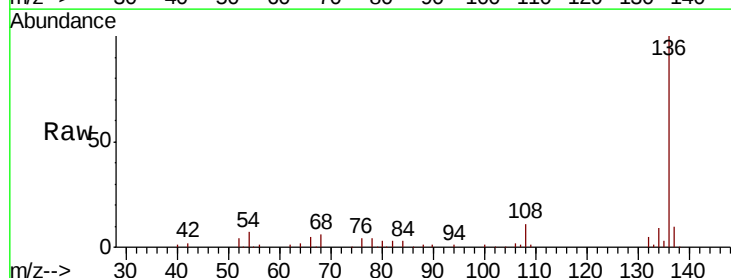
Instrument :
BNA_F
ClientSampleId :

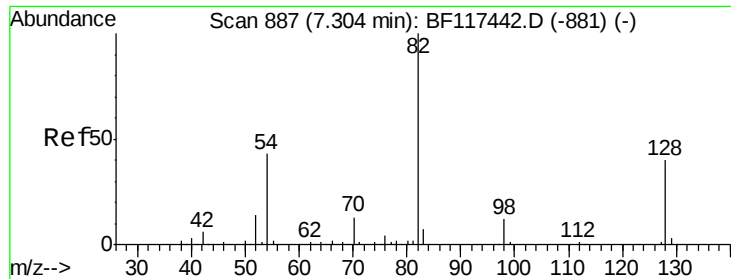
Tot Ion: 70 Resp: 36459
Ion Ratio Lower Upper
70 100
42 40.8 36.7 55.1
101 0.0 8.3 12.5#
130 2.2 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Tgt Ion: 136 Resp: 153235
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.4
54 7.1 4.5 6.7#
68 5.6 4.3 6.5

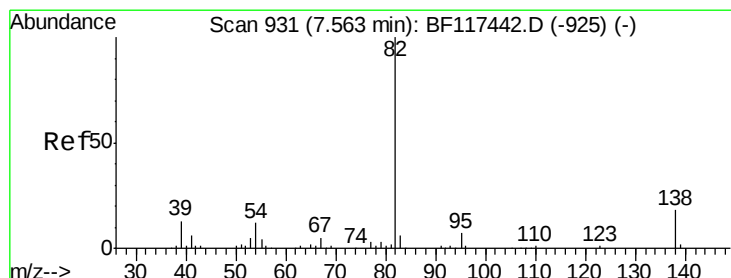
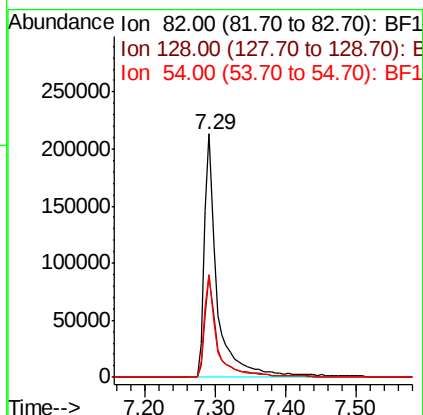
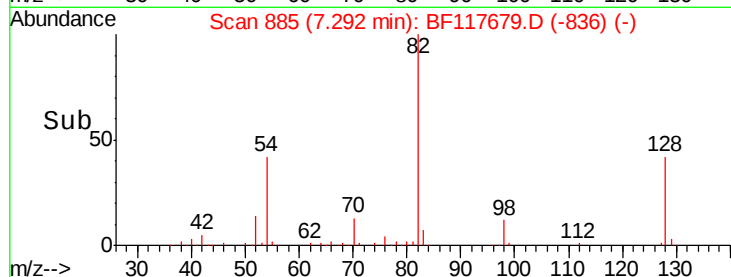
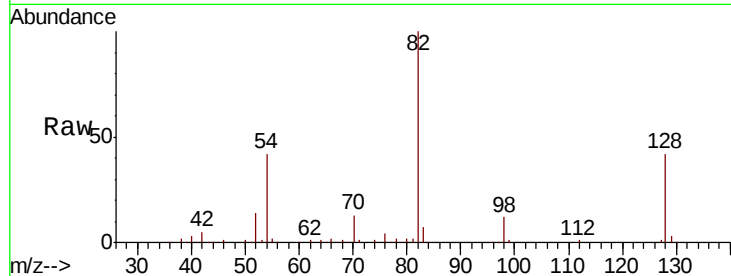




#23
Nitrobenzene-d5
Concen: 88.345 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

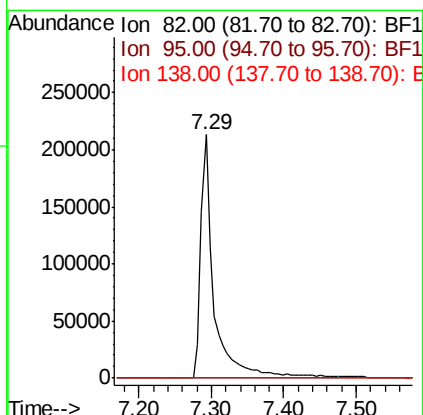
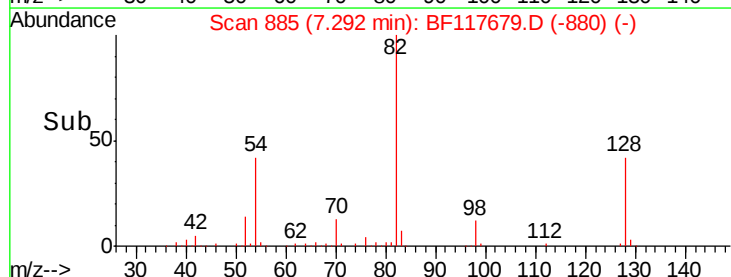
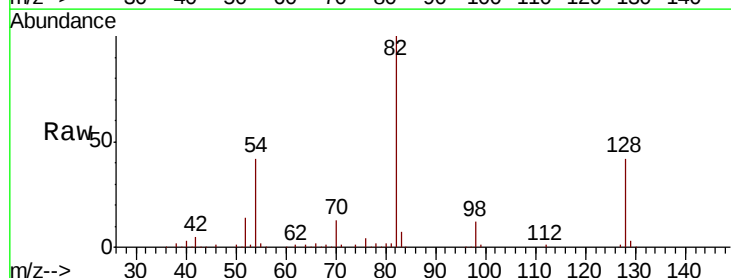
Instrument :
BNA_F
ClientSampleId :

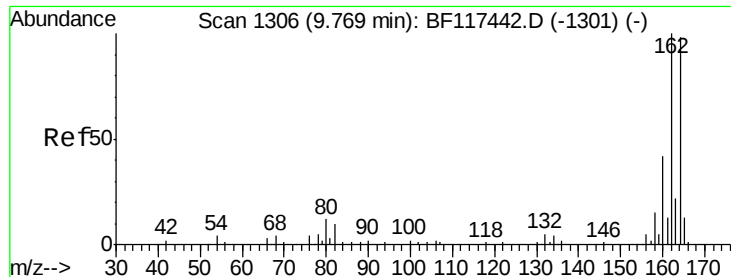
Tot Ion	82	Resp	274217
Ion Ratio	100	Lower	Upper
128	41.5	32.2	48.2
54	42.4	34.2	51.2



#25
Isophorone
Concen: 51.068 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Tgt Ion	82	Resp	274215
Ion Ratio	100	Lower	Upper
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#

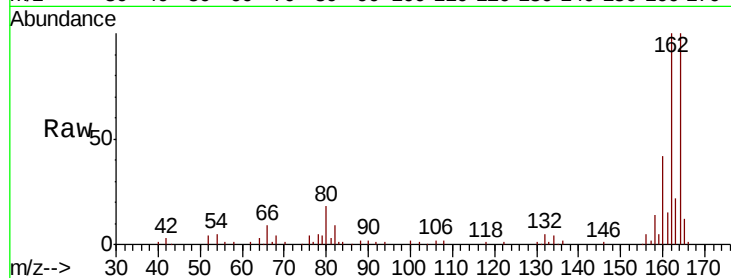




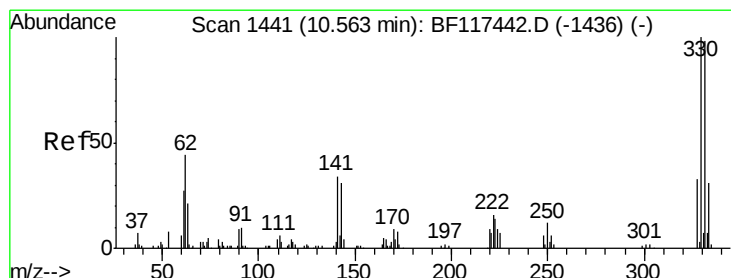
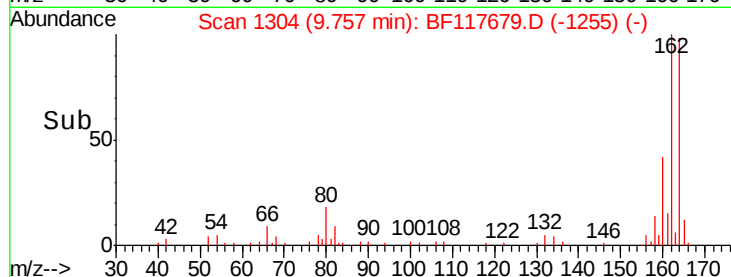
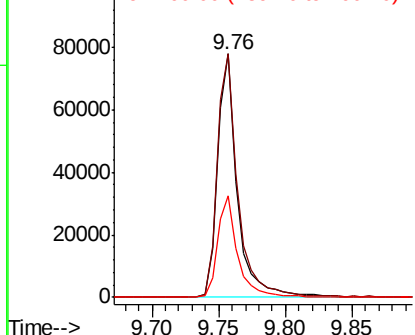
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF117679.D
 Acq: 1 Nov 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 81614
 Ion Ratio Lower Upper
 164 100
 162 100.1 81.8 122.6
 160 41.9 34.4 51.6

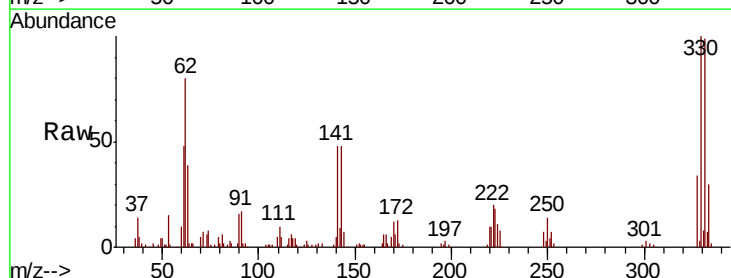


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

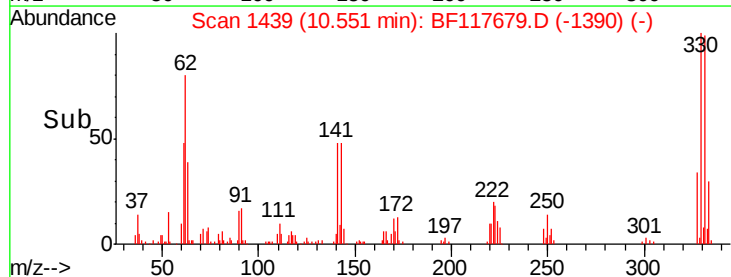
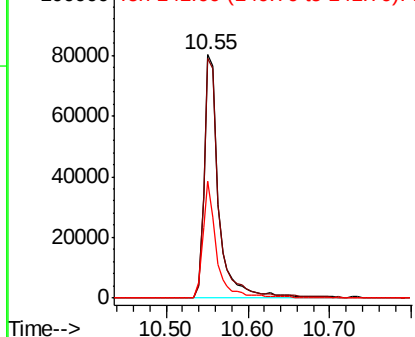


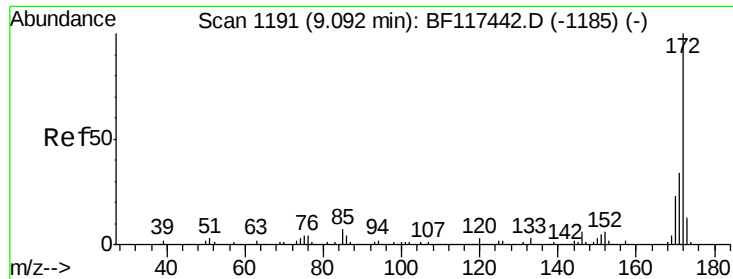
#42
 2,4,6-Tribromophenol
 Concen: 142.399 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF117679.D
 Acq: 1 Nov 2019 14:23

Tgt Ion:330 Resp: 100558
 Ion Ratio Lower Upper
 330 100
 332 98.5 78.5 117.7
 141 44.9 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

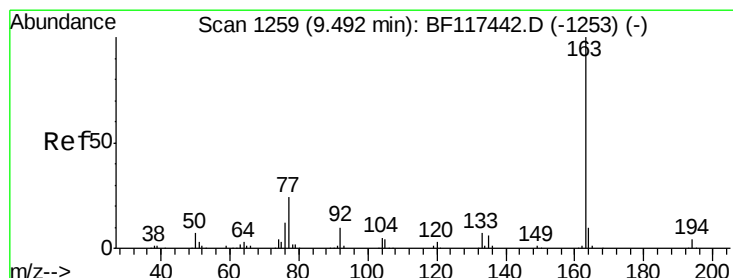
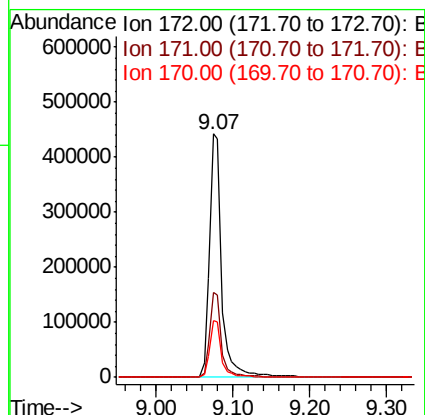
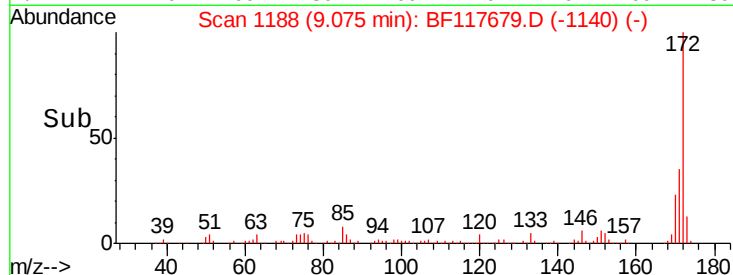
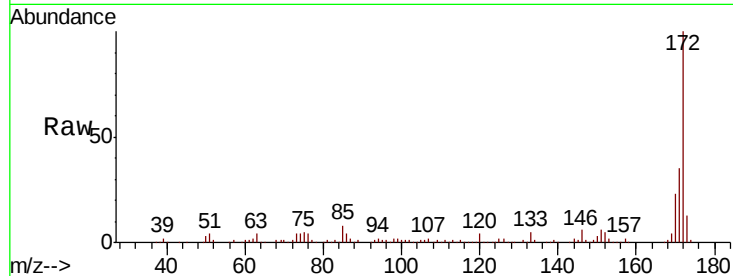




#45
 2-Fluorobiphenyl
 Concen: 84.224 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF117679.D
 Acq: 1 Nov 2019 14:23

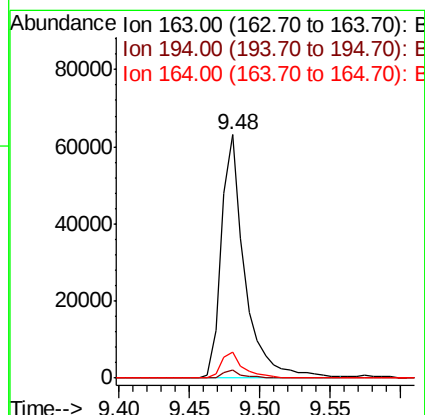
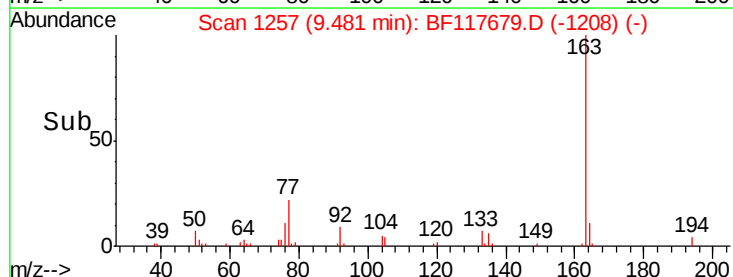
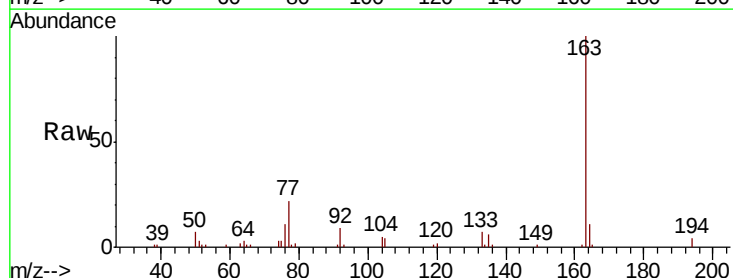
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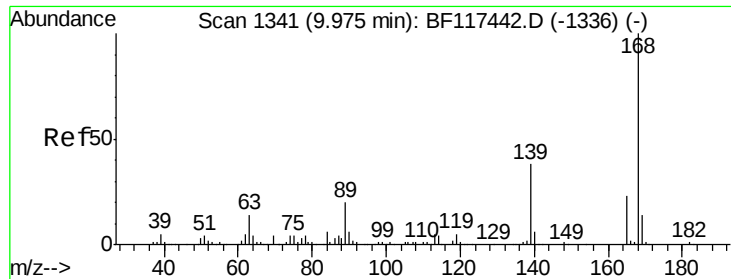
Tot Ion:172 Resp: 487858
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.5 41.3
 170 23.1 18.6 27.8



#50
 Dimethylphthalate
 Concen: 12.549 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF117679.D
 Acq: 1 Nov 2019 14:23

Tgt Ion:163 Resp: 73011
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.9 4.3
 164 10.6 8.2 12.2

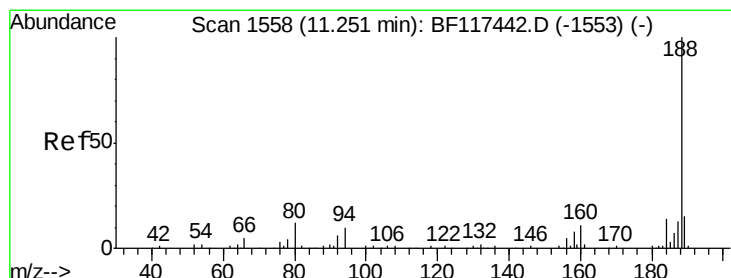
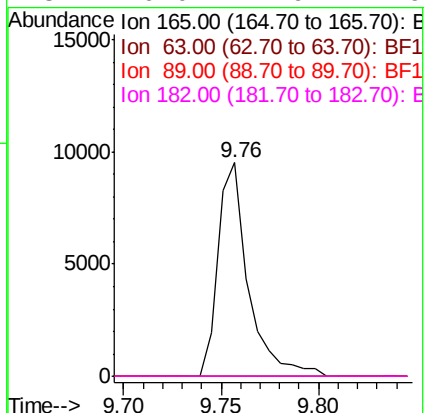
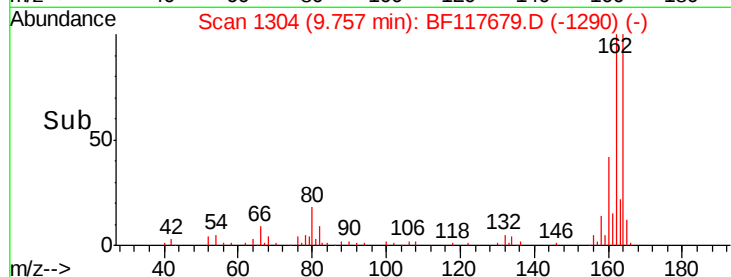
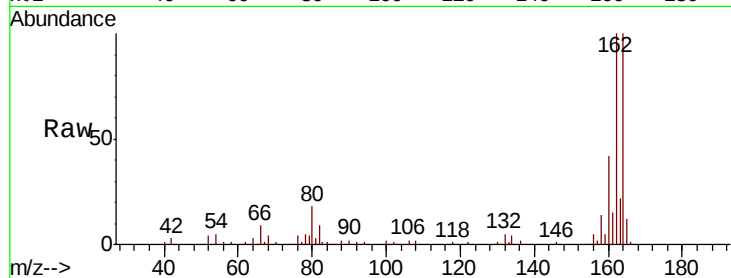




#57
 2,4-Dinitrotoluene
 Concen: 6.359 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.22 min
 Lab File: BF117679.D
 Acq: 1 Nov 2019 14:23

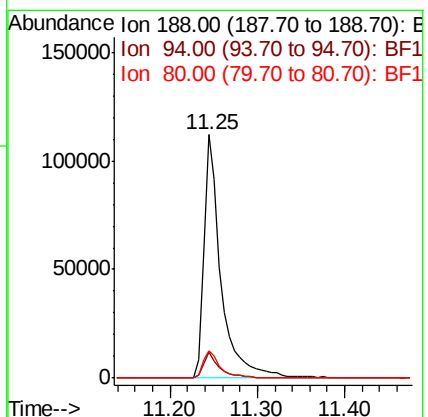
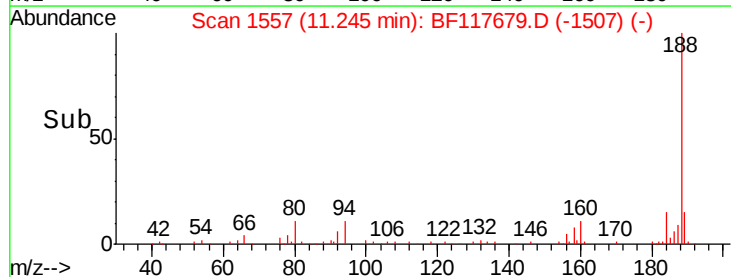
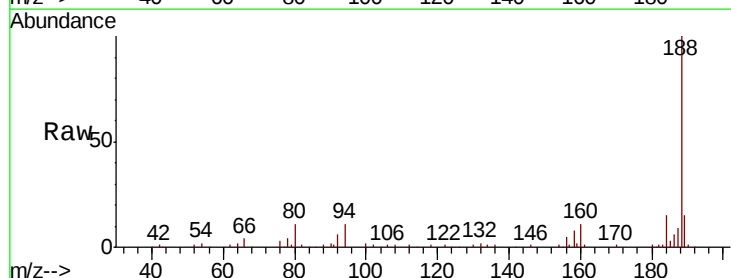
Instrument :
 BNA_F
 ClientSampled :

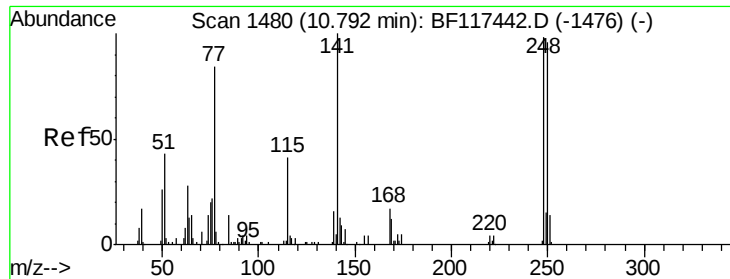
Tot Ion:165 Resp: 10264
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.4 77.0#
 89 0.0 69.9 104.9#
 182 0.0 1.9 2.9#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF117679.D
 Acq: 1 Nov 2019 14:23

Tgt Ion:188 Resp: 151405
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.0 12.0
 80 11.4 9.5 14.3

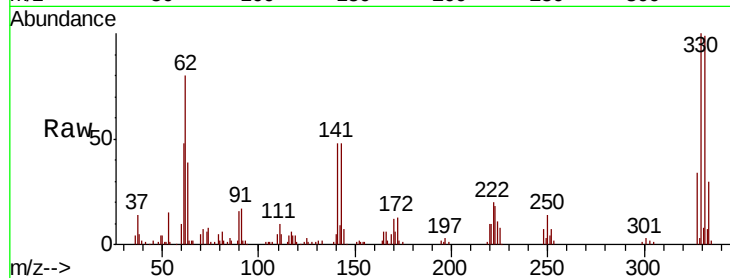




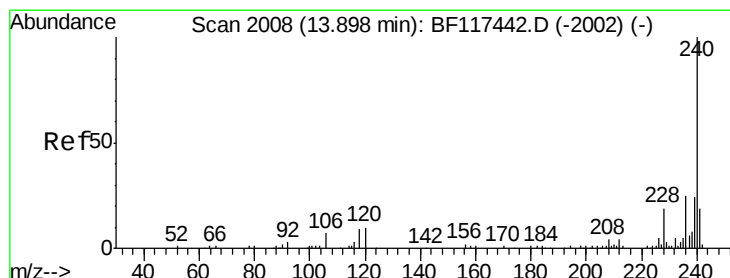
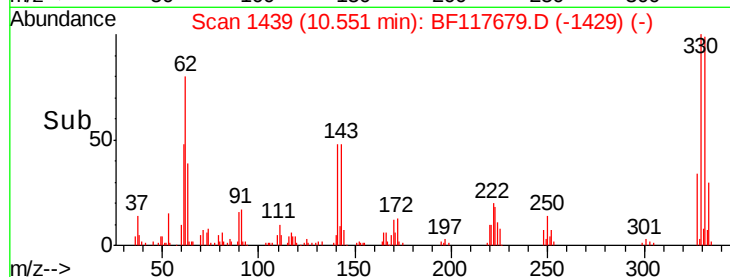
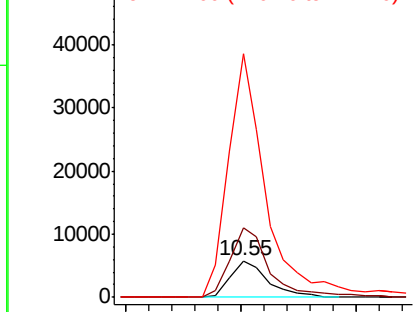
#67
4-Bromophenyl-phenylether
Concen: 3.989 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 6506
Ion Ratio Lower Upper
248 100
250 192.0 78.0 117.0#
141 668.6 81.7 122.5#

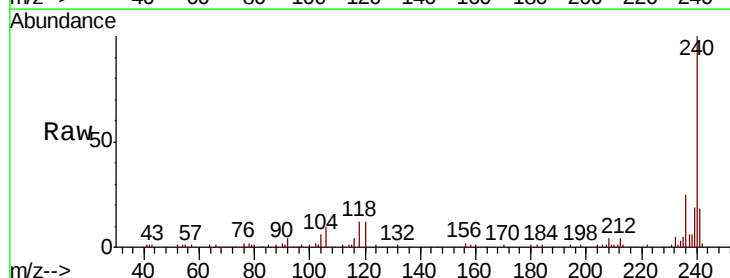


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

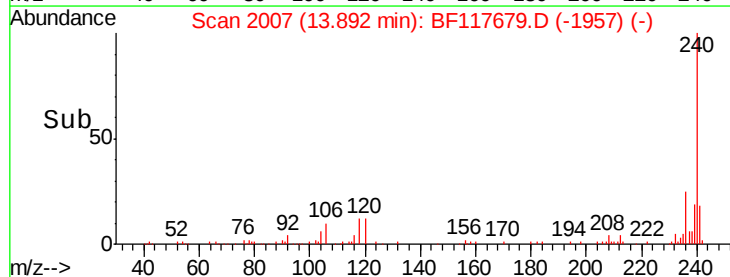
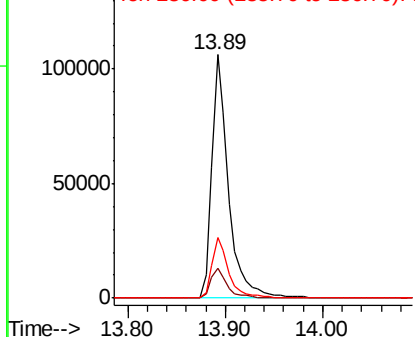


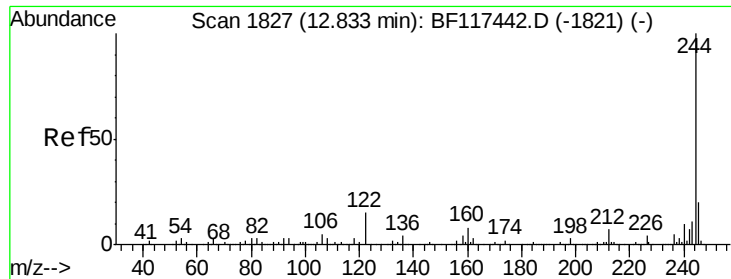
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Tgt Ion:240 Resp: 125302
Ion Ratio Lower Upper
240 100
120 12.1 8.4 12.6
236 25.1 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

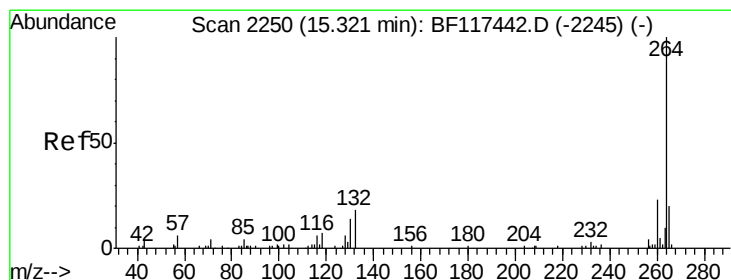
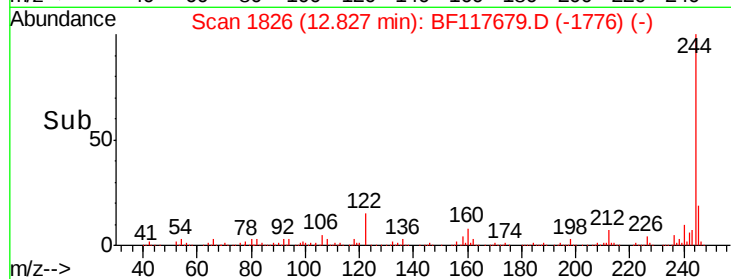
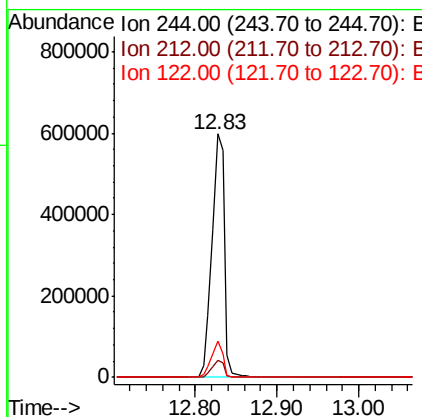
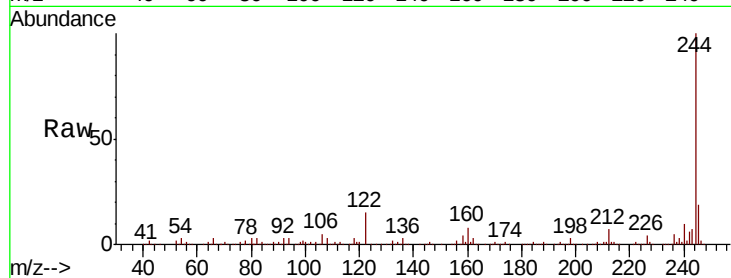




#79
 Terphenyl-d14
 Concen: 82.443 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117679.D
 Acq: 1 Nov 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	15.2	11.8	17.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF117679.D
 Acq: 1 Nov 2019 14:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	20.3	16.1	24.1

