

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117559.D
 Acq On : 28 Oct 2019 14:16
 Operator : JU
 Sample : K5501-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 14:04:25 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	6.73	152	39612	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	156412	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	79973	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	132924	20.00	ng	0.00
76) Chrysene-d12	13.89	240	76885	20.00	ng	0.00
87) Perylene-d12	15.33	264	76013	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	267023	100.29	ng	0.00
7) Phenol-d6	6.38	99	364733	101.99	ng	0.00
23) Nitrobenzene-d5	7.29	82	224749	70.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	66550	96.17	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	390524	68.80	ng	-0.01
79) Terphenyl-d14	12.83	244	348135	73.86	ng	0.00

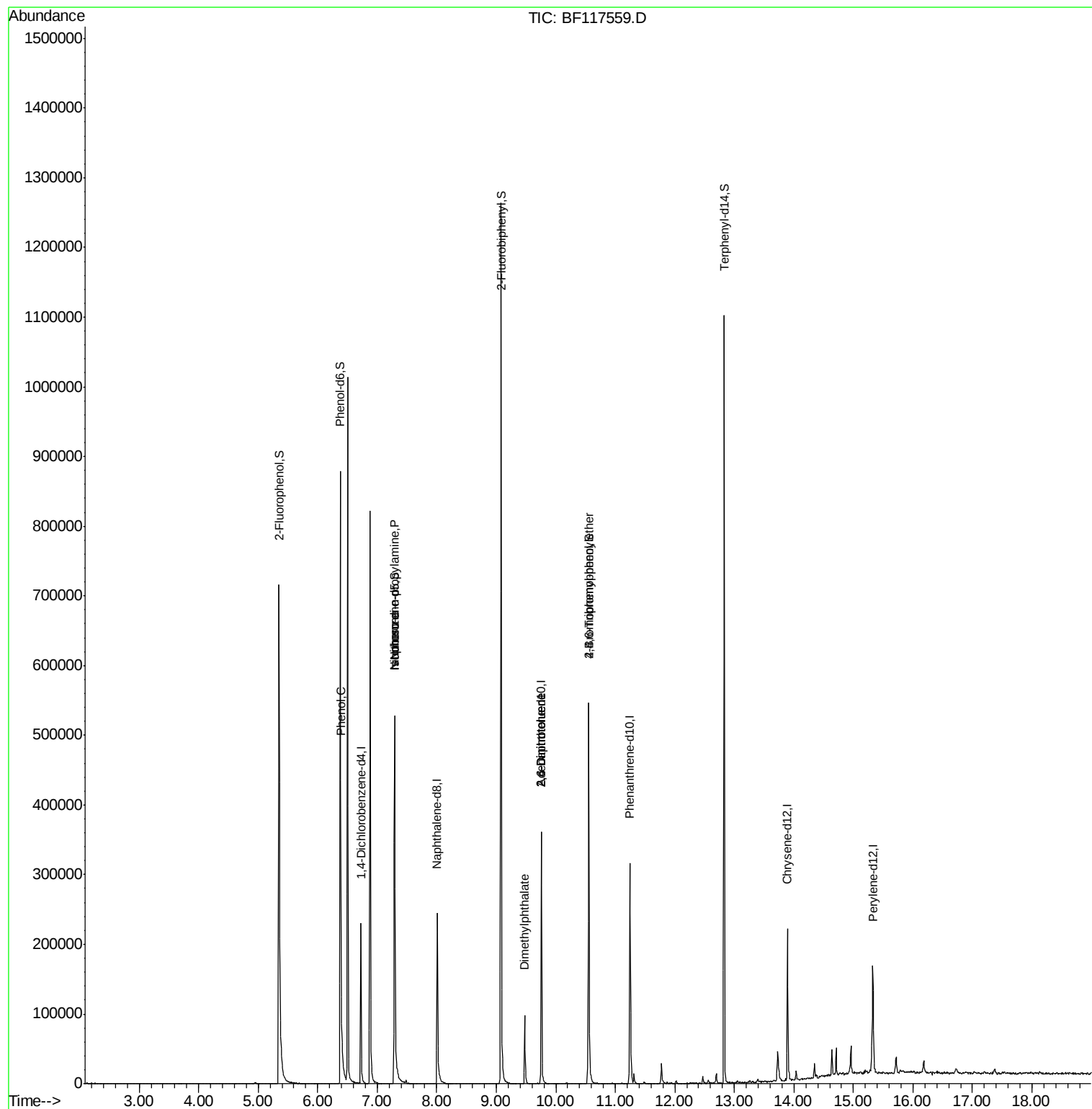
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.38	77	290	Below Cal		# 3
10) Phenol	6.39	94	8621	2.362	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	29284	13.408	ng	# 77
25) Isophorone	7.29	82	224747	41.005	ng	# 65
50) Dimethylphthalate	9.48	163	48579	8.521	ng	96
51) 2,6-Dinitrotoluene	9.76	165	9944	8.358	ng	# 22
57) 2,4-Dinitrotoluene	9.76	165	9944	6.287	ng	# 12
67) 4-Bromophenyl-phenylether	10.56	248	4210	2.940	ng	# 1
77) Benzidine	12.83	184	4759	Below Cal		95

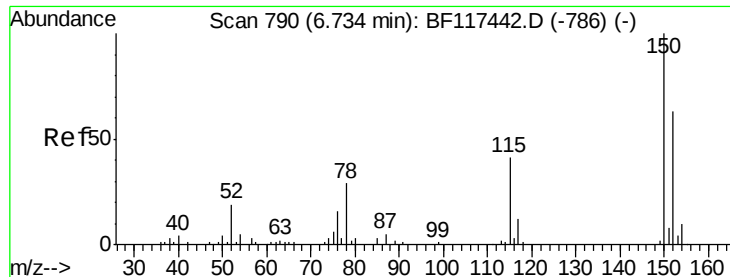
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117559.D
Acq On : 28 Oct 2019 14:16
Operator : JU
Sample : K5501-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 29 14:04:25 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



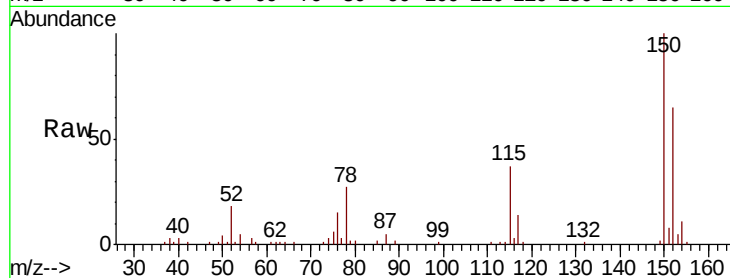


#1

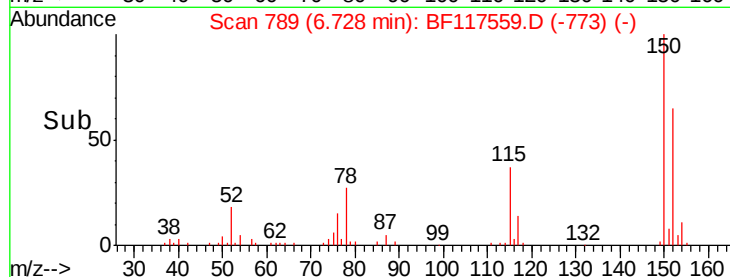
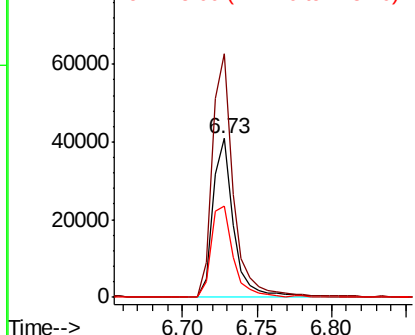
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 39612
Ion Ratio Lower Upper
152 100
150 153.3 126.8 190.2
115 57.5 51.6 77.4



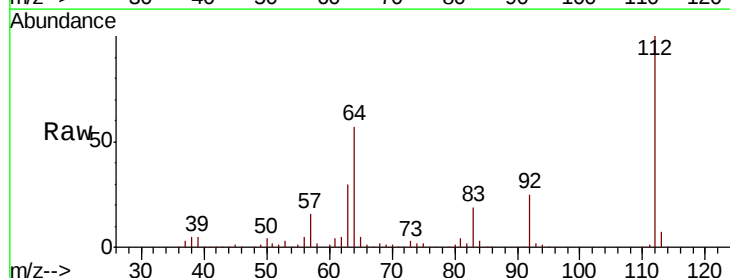
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



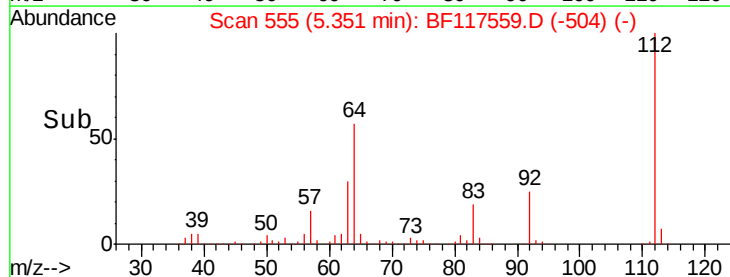
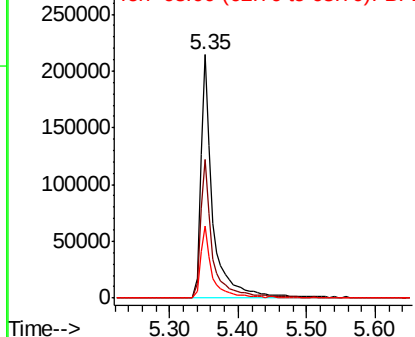
#5

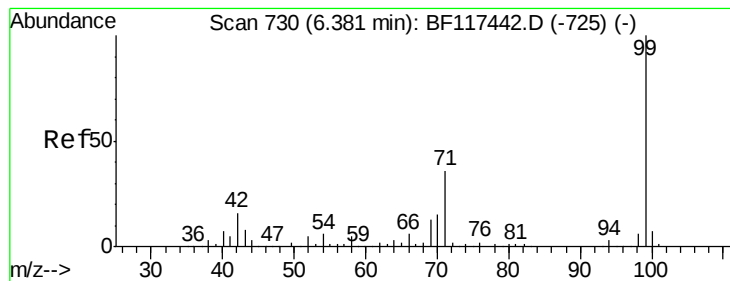
2-Fluorophenol
Concen: 100.286 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Tgt Ion:112 Resp: 267023
Ion Ratio Lower Upper
112 100
64 56.8 44.1 66.1
63 29.5 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: 101.989 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF117559.D

Acq: 28 Oct 2019 14:16

Instrument :

BNA_E

ClientSampleId :

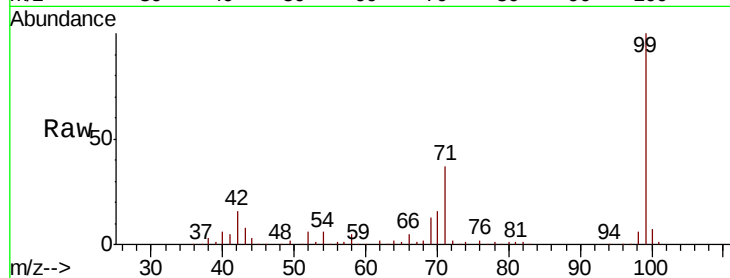
Tot Ion: 99 Resp: 364733

Ion Ratio Lower Upper

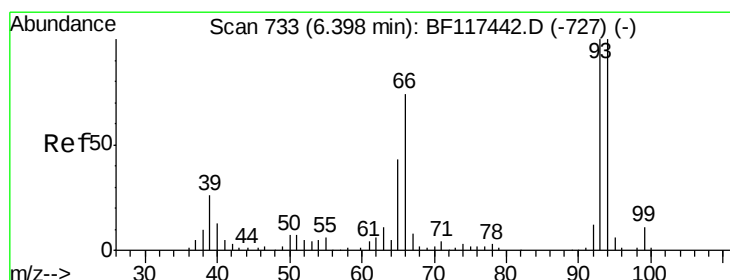
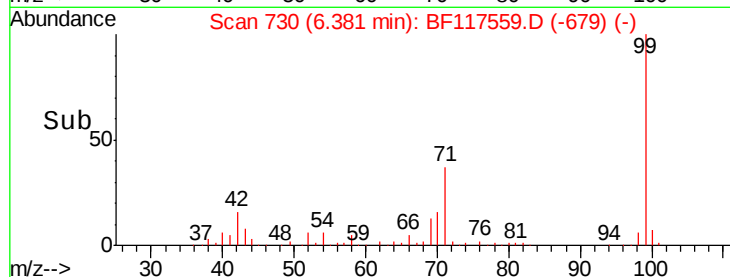
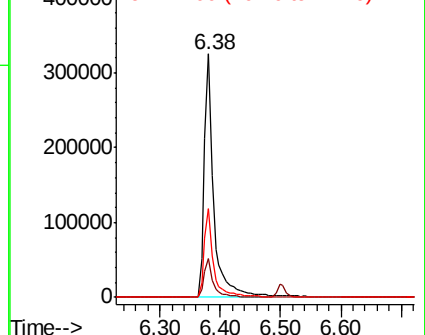
99 100

42 16.2 12.8 19.2

71 36.7 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: 2.362 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117559.D

Acq: 28 Oct 2019 14:16

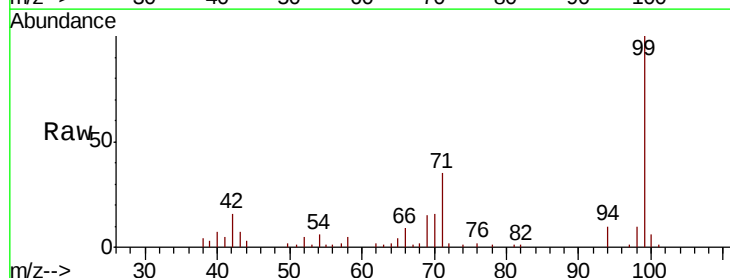
Tgt Ion: 94 Resp: 8621

Ion Ratio Lower Upper

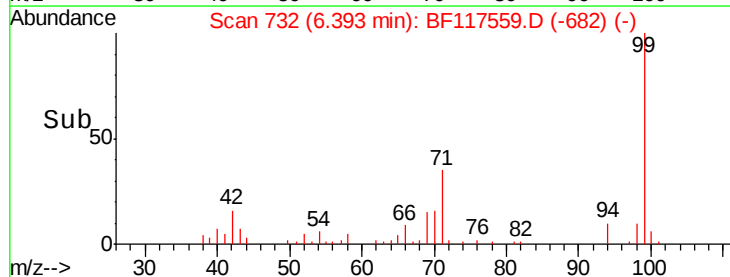
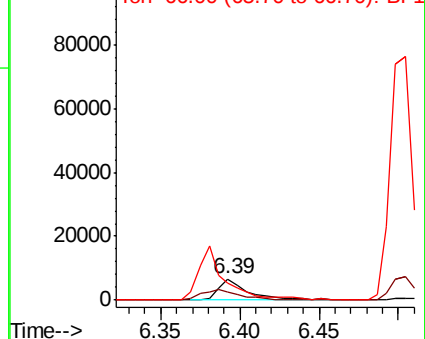
94 100

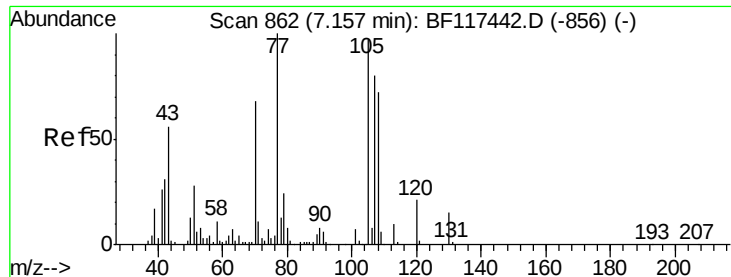
65 38.8 23.4 63.4

66 83.7 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

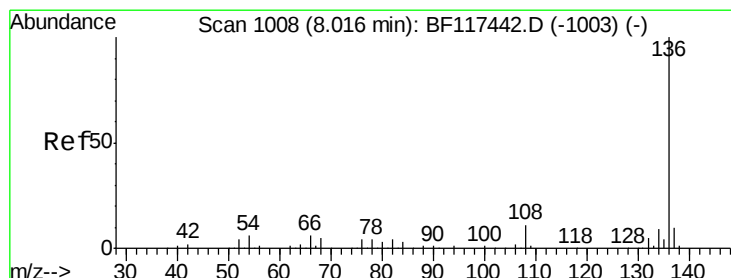
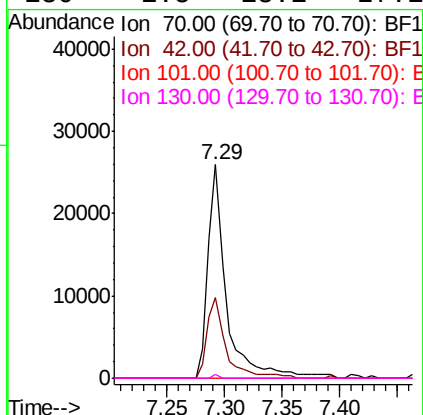
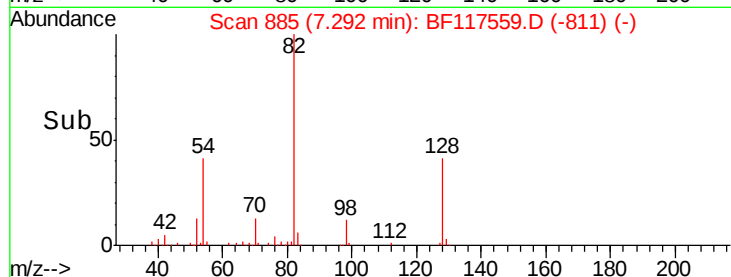
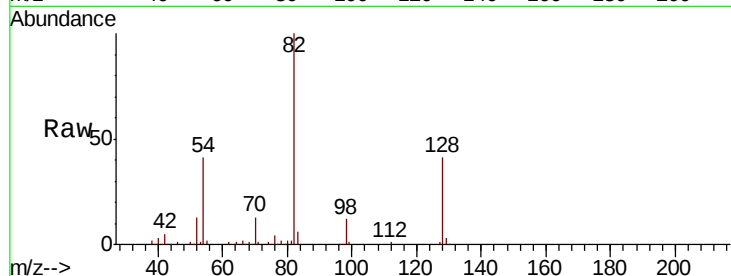




#19
n-Nitroso-di-n-propylamine
Concen: 13.408 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

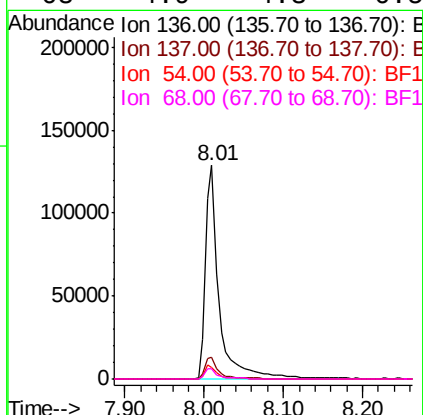
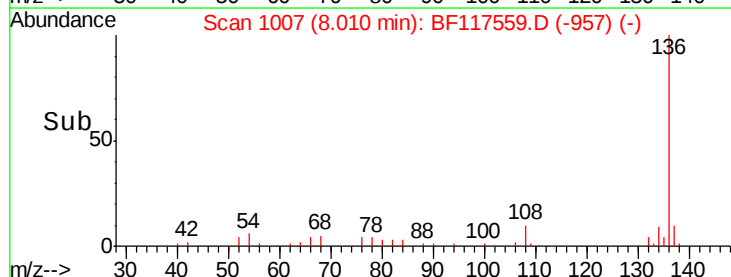
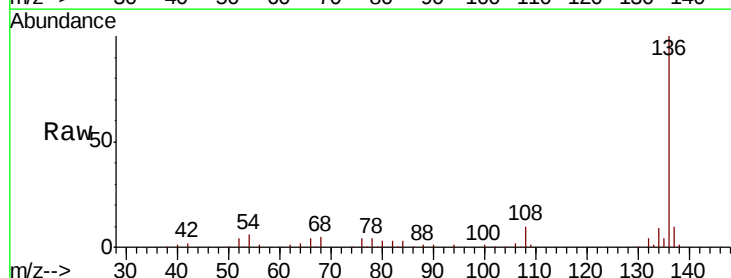
Instrument :
BNA_E
ClientSampleId :

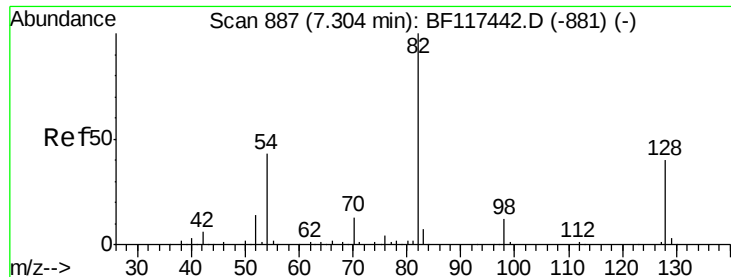
Tot Ion: 70 Resp: 29284
Ion Ratio Lower Upper
70 100
42 37.9 36.7 55.1
101 0.0 8.3 12.5#
130 1.5 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Tgt Ion:136 Resp: 156412
Ion Ratio Lower Upper
136 100
137 10.3 8.2 12.4
54 5.7 4.5 6.7
68 4.9 4.3 6.5

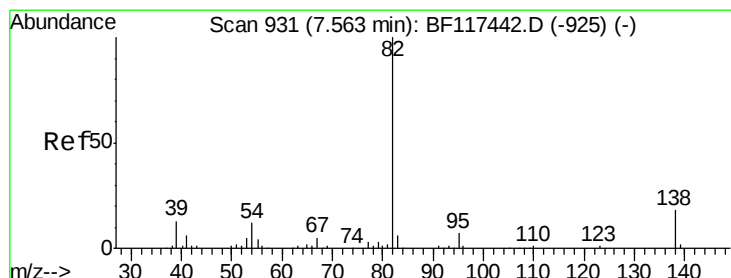
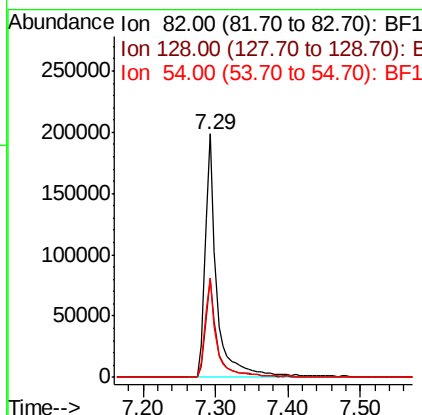
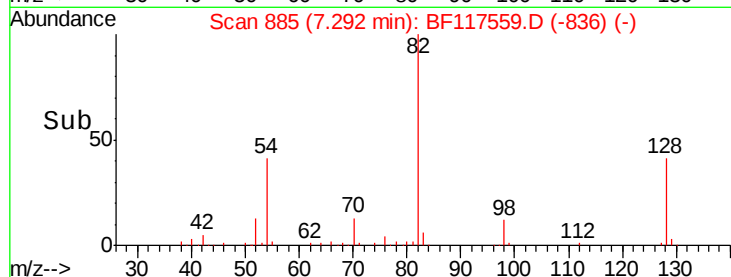
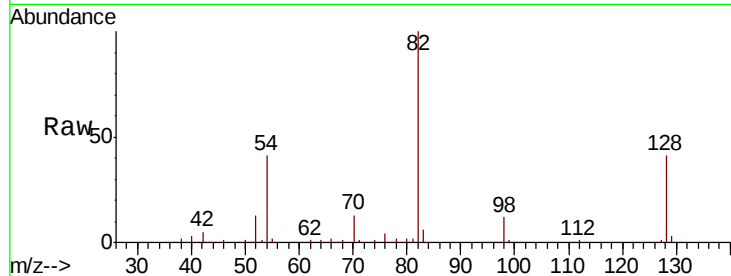




#23
Nitrobenzene-d5
Concen: 70.937 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

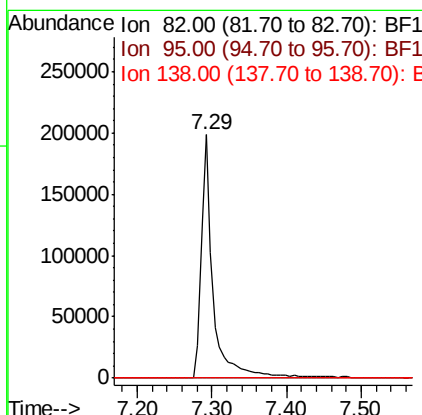
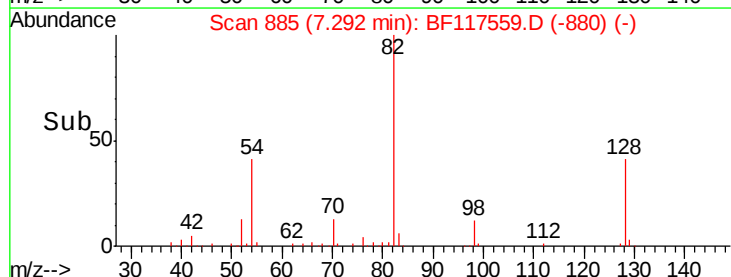
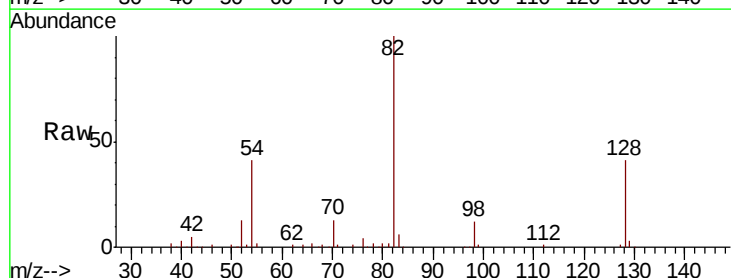
Instrument :
BNA_E
ClientSampled :

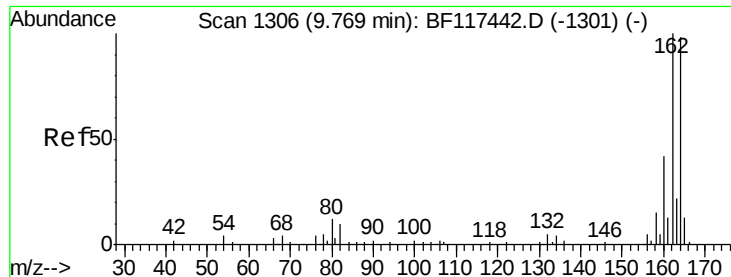
Tot Ion: 82 Resp: 224749
Ion Ratio Lower Upper
82 100
128 40.6 32.2 48.2
54 40.7 34.2 51.2



#25
Isophorone
Concen: 41.005 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Tgt Ion: 82 Resp: 224747
Ion Ratio Lower Upper
82 100
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: BF117559.D

Acq: 28 Oct 2019 14:16

Instrument :

BNA_E

ClientSampled :

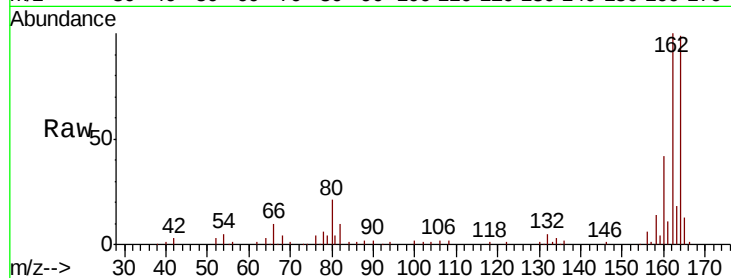
Tot Ion:164 Resp: 79973

Ion Ratio Lower Upper

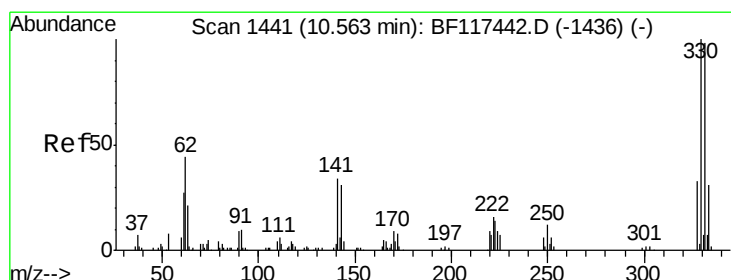
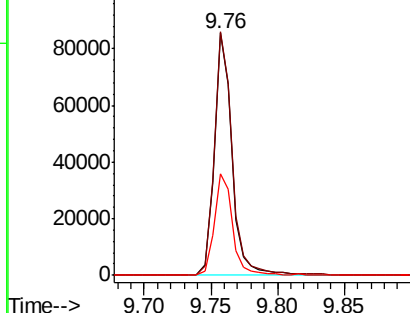
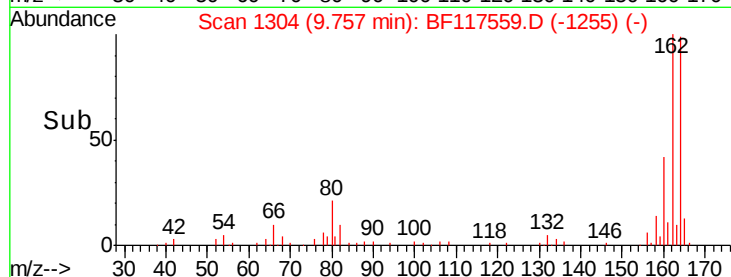
164 100

162 100.7 81.8 122.6

160 41.8 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: 96.174 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117559.D

Acq: 28 Oct 2019 14:16

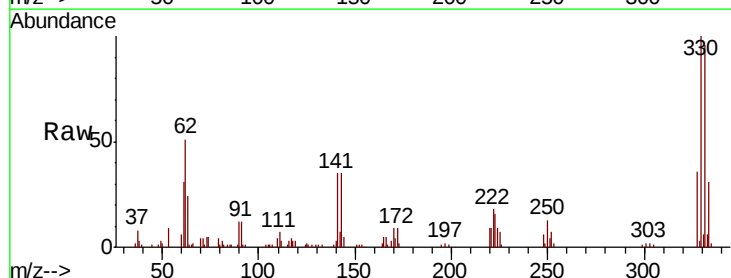
Tgt Ion:330 Resp: 66550

Ion Ratio Lower Upper

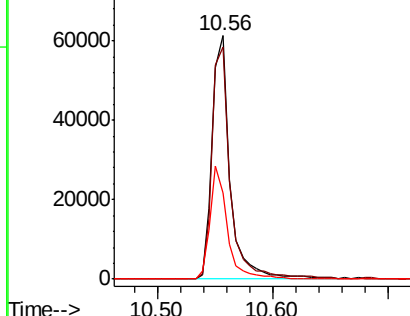
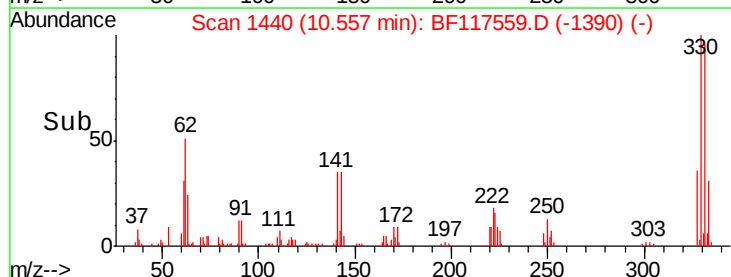
330 100

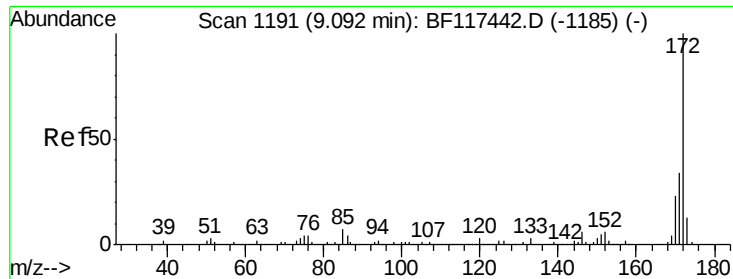
332 97.4 78.5 117.7

141 44.1 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

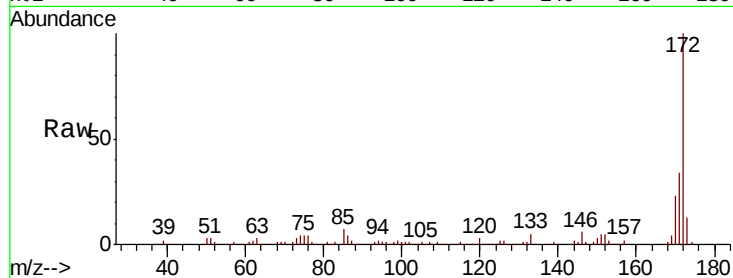




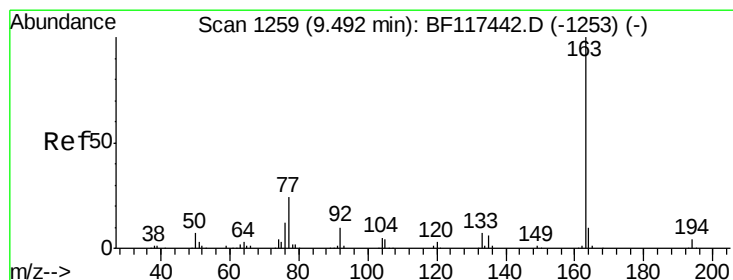
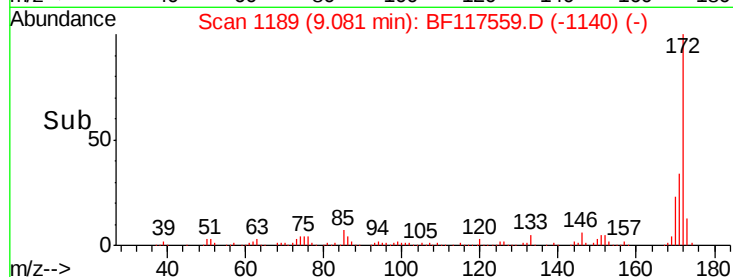
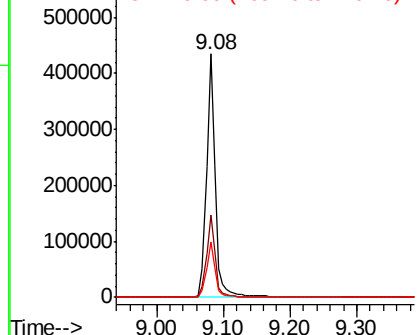
#45
2-Fluorobiphenyl
Concen: 68.804 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 390524
Ion Ratio Lower Upper
172 100
171 34.0 27.5 41.3
170 22.8 18.6 27.8

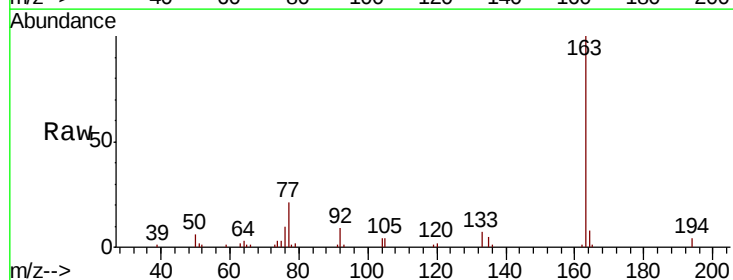


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

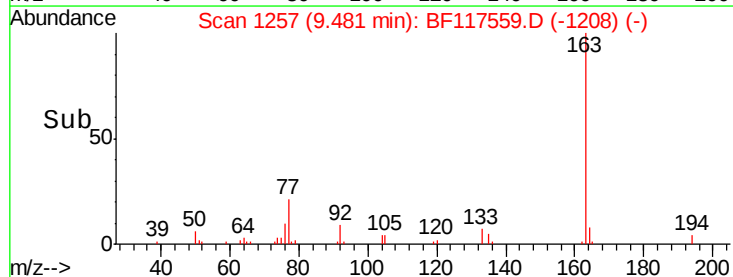
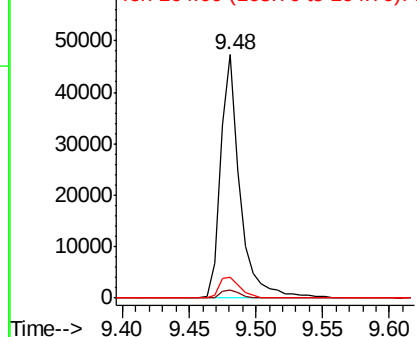


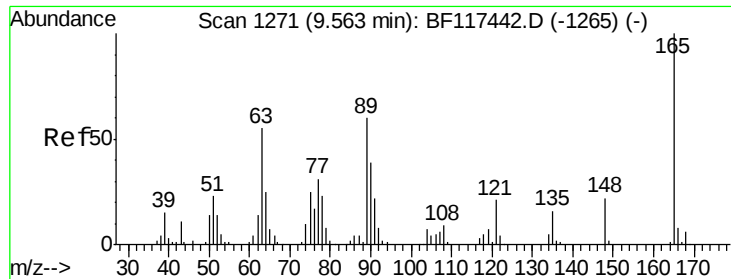
#50
Dimethylphthalate
Concen: 8.521 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Tgt Ion:163 Resp: 48579
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 8.4 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

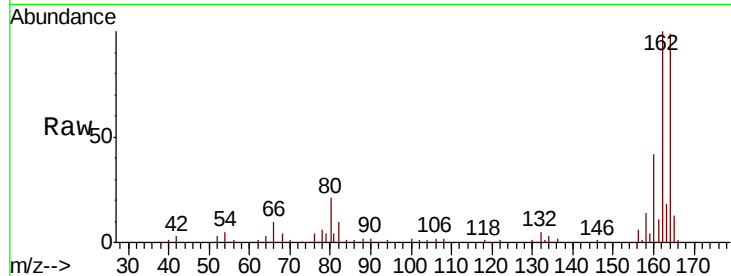




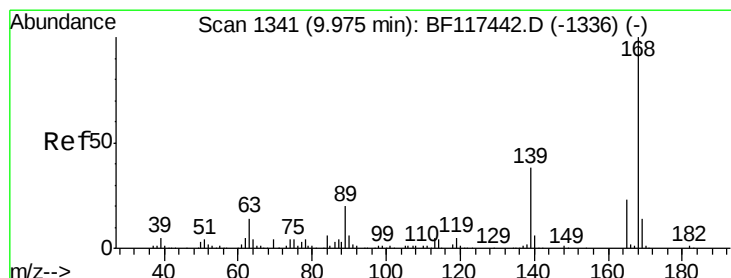
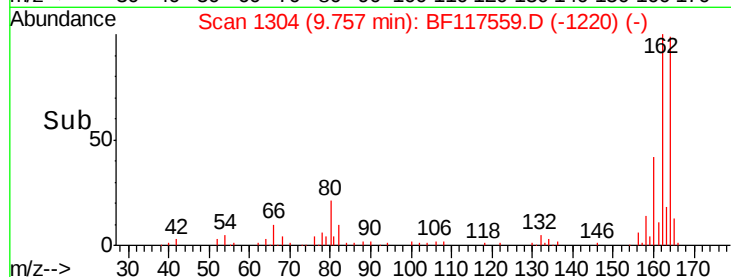
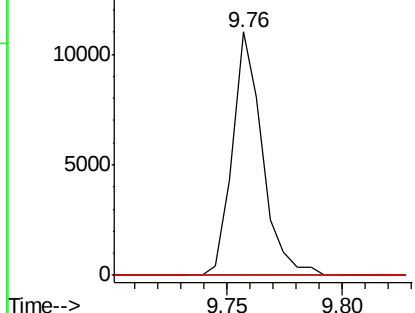
#51
 2,6-Dinitrotoluene
 Concen: 8.358 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.19 min
 Lab File: BF117559.D
 Acq: 28 Oct 2019 14:16

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	0.0	47.6	71.4#

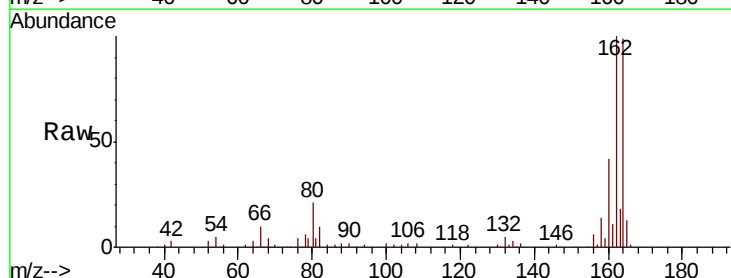


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

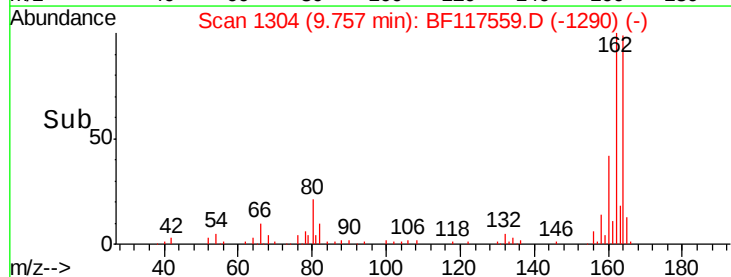
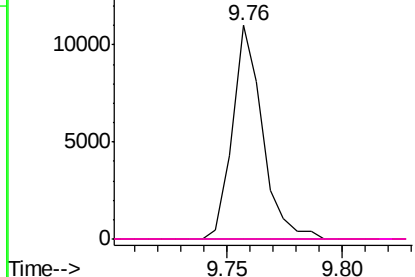


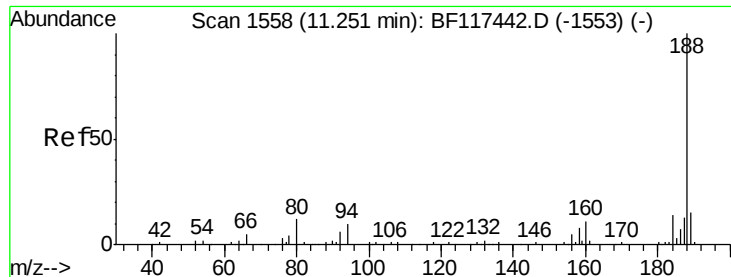
#57
 2,4-Dinitrotoluene
 Concen: 6.287 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.22 min
 Lab File: BF117559.D
 Acq: 28 Oct 2019 14:16

Tgt 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: BF117559.D

Acq: 28 Oct 2019 14:16

Instrument :

BNA_E

ClientSampleId :

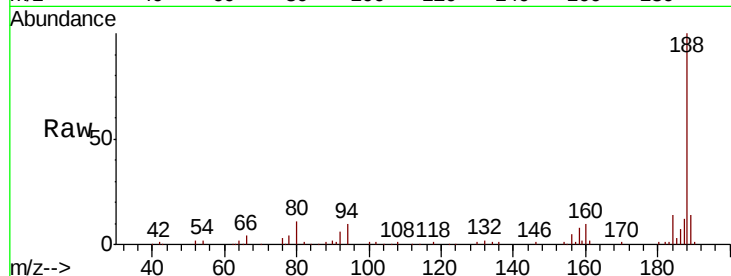
Tot Ion:188 Resp: 132924

Ion Ratio Lower Upper

188 100

94 10.1 8.0 12.0

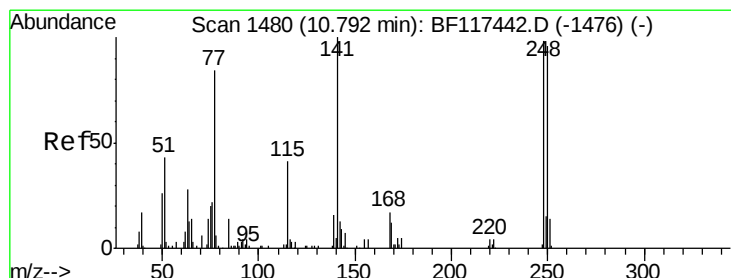
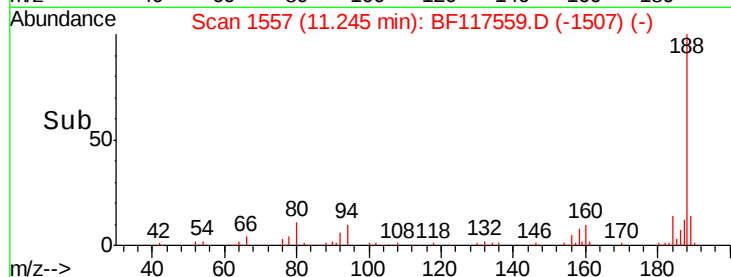
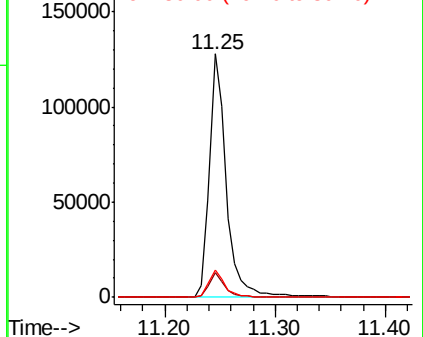
80 11.2 9.5 14.3



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: 2.940 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.24 min

Lab File: BF117559.D

Acq: 28 Oct 2019 14:16

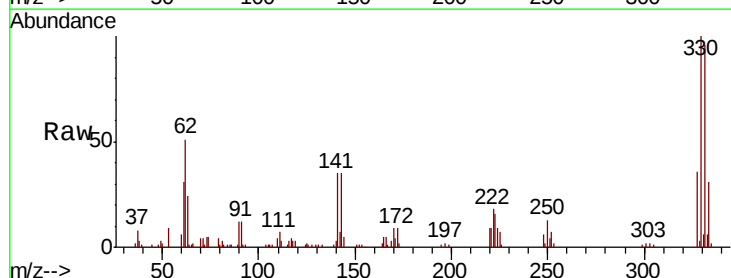
Tgt Ion:248 Resp: 4210

Ion Ratio Lower Upper

248 100

250 201.9 78.0 117.0#

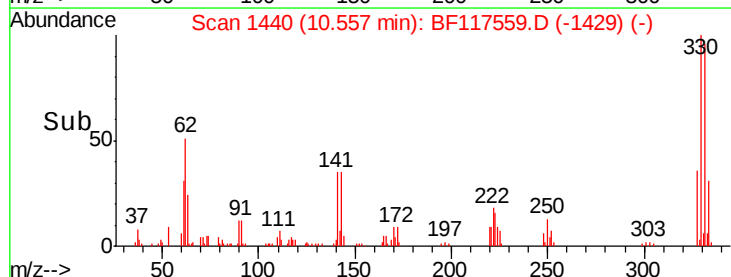
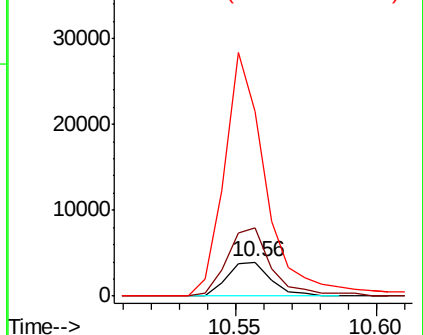
141 544.8 81.7 122.5#

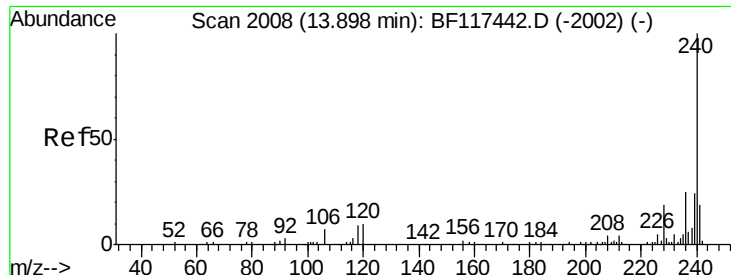


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

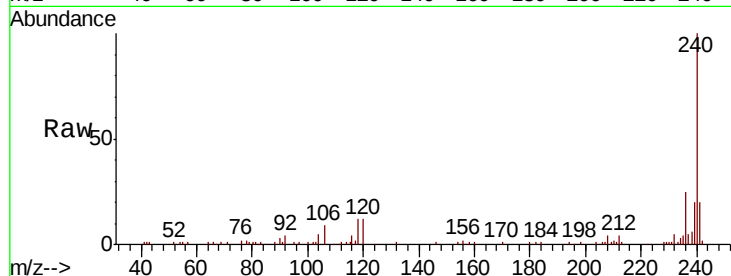




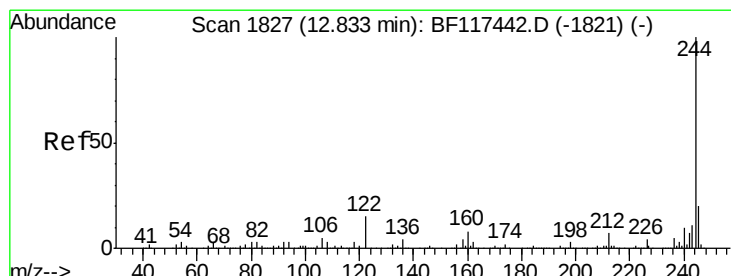
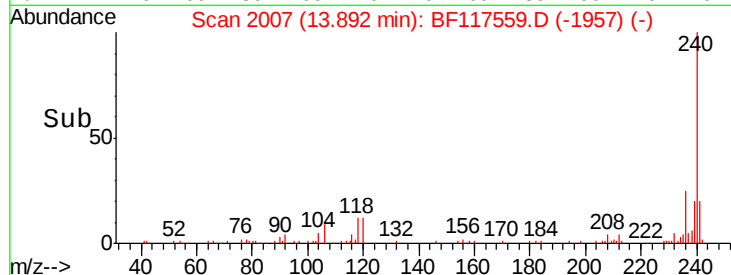
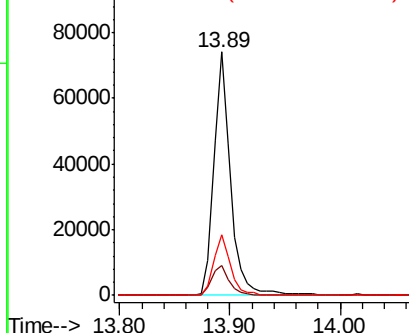
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117559.D
 Acq: 28 Oct 2019 14:16

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 76885
 Ion Ratio Lower Upper
 240 100
 120 12.2 8.4 12.6
 236 25.1 20.0 30.0

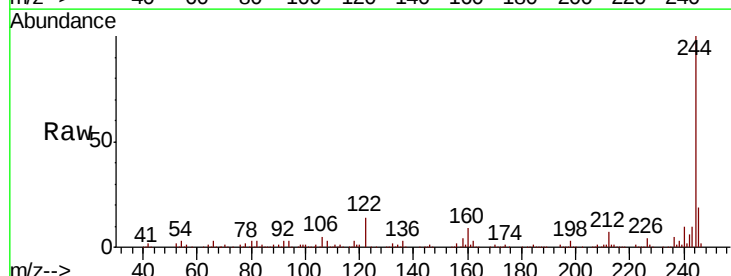


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

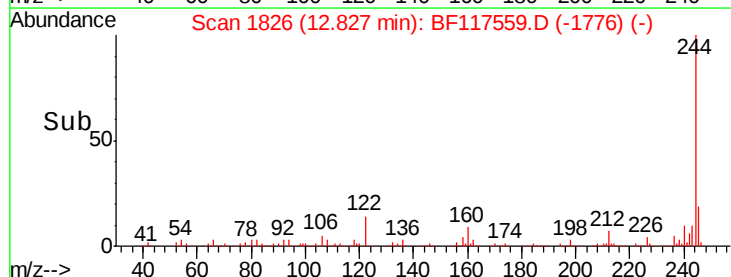
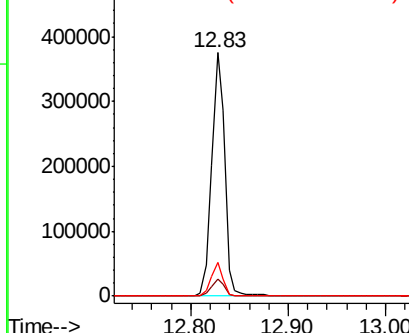


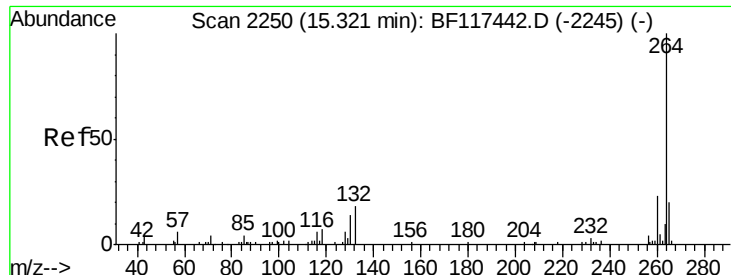
#79
 Terphenyl-d14
 Concen: 73.857 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117559.D
 Acq: 28 Oct 2019 14:16

Tgt Ion:244 Resp: 348135
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 14.0 11.8 17.8



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

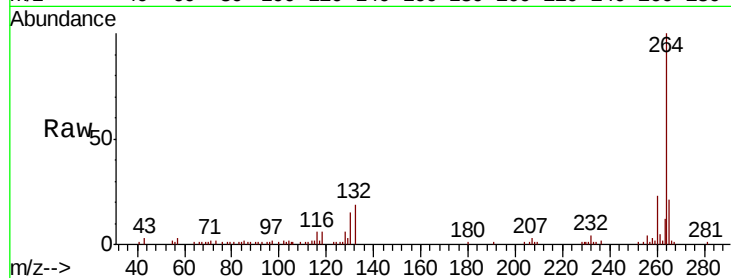




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF117559.D
 Acq: 28 Oct 2019 14:16

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	21.1	16.1	24.1



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

