

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117030.D
 Acq On : 13 Sep 2019 18:52
 Operator : HP/JU
 Sample : K4851-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 00:17:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

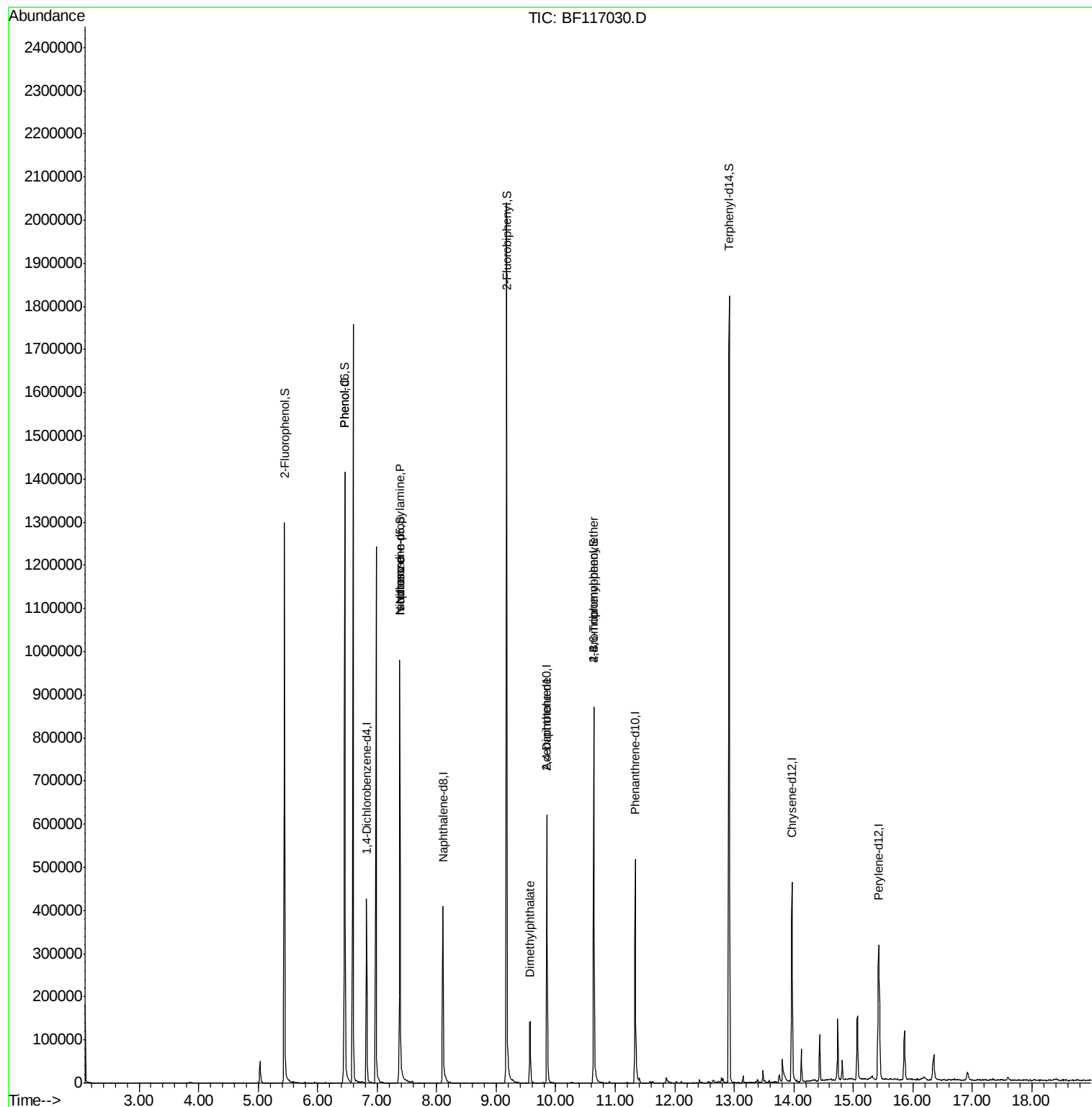
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	64503	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	255719	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	132970	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	224365	20.00	ng	0.00
76) Chrysene-d12	13.97	240	173202	20.00	ng	0.00
87) Perylene-d12	15.42	264	151574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	393059	95.14	ng	0.00
7) Phenol-d6	6.46	99	579209	108.48	ng	0.00
23) Nitrobenzene-d5	7.38	82	369425	75.91	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	115402	103.84	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	638926	75.13	ng	0.00
79) Terphenyl-d14	12.92	244	633702	68.39	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	1089	Below Cal		Qvalue
10) Phenol	6.46	94	25640	4.356 ng	#	1
19) n-Nitroso-di-n-propylamine	7.38	70	47687	14.667 ng	#	98
25) Isophorone	7.38	82	369423	42.870 ng	#	79
50) Dimethylphthalate	9.57	163	77546	8.236 ng	#	66
57) 2,4-Dinitrotoluene	9.85	165	16739	6.725 ng	#	98
67) 4-Bromophenyl-phenylether	10.64	248	7037	3.071 ng	#	18
					#	1

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

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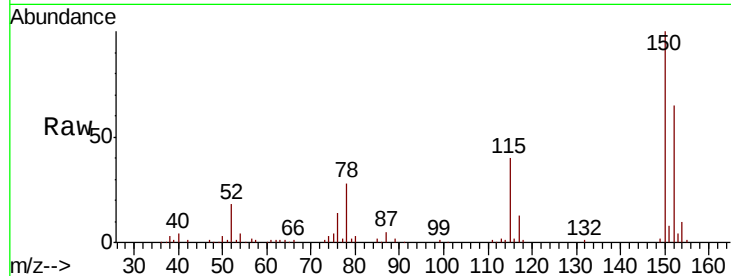


#1

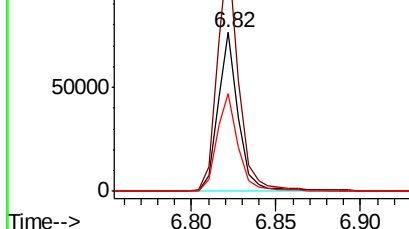
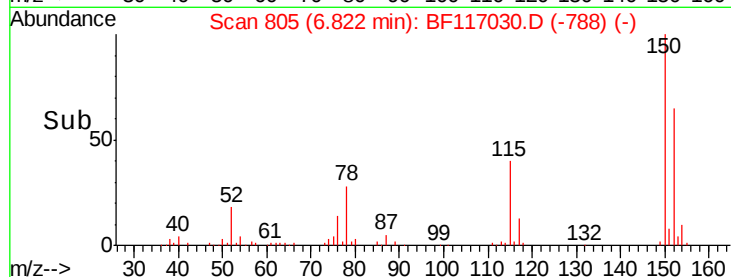
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117030.D
Acq: 13 Sep 2019 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 64503
Ion Ratio Lower Upper
152 100
150 153.3 127.5 191.3
115 61.6 55.0 82.4



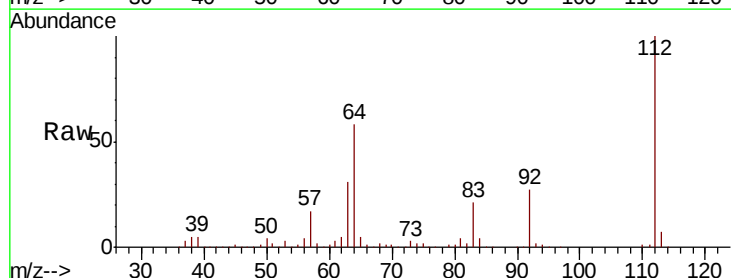
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



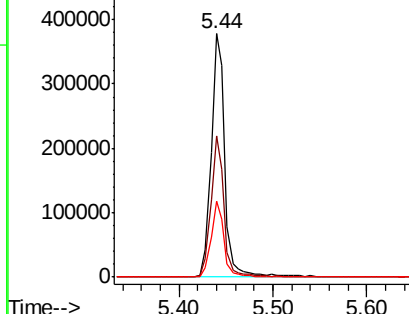
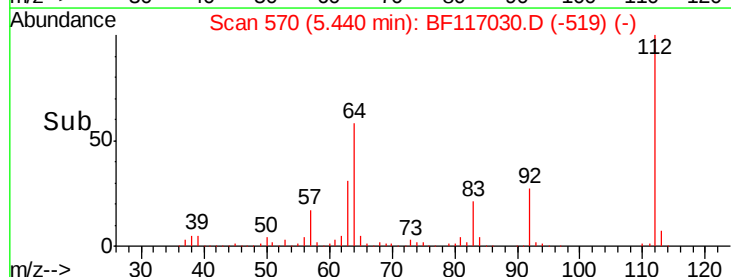
#5

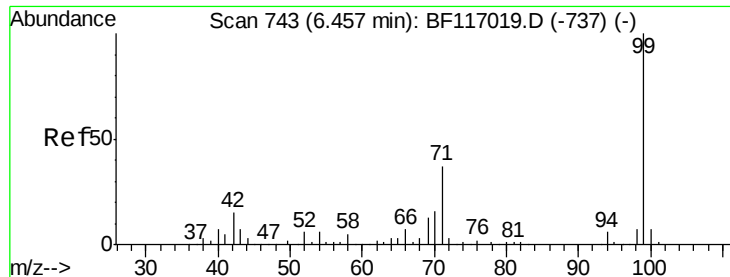
2-Fluorophenol
Concen: 95.137 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117030.D
Acq: 13 Sep 2019 18:52

Tgt Ion:112 Resp: 393059
Ion Ratio Lower Upper
112 100
64 58.1 45.7 68.5
63 31.1 24.9 37.3



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: 108.478 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117030.D

Acq: 13 Sep 2019 18:52

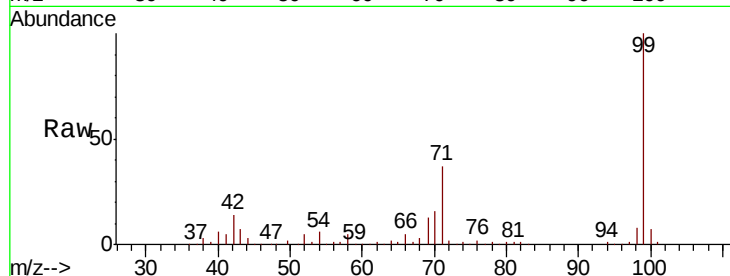
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 579209

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.2	18.2
71	36.7	29.8	44.8

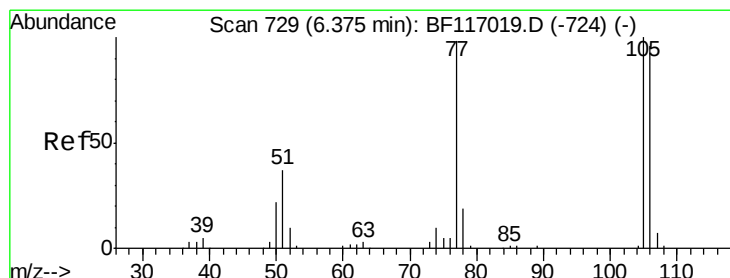
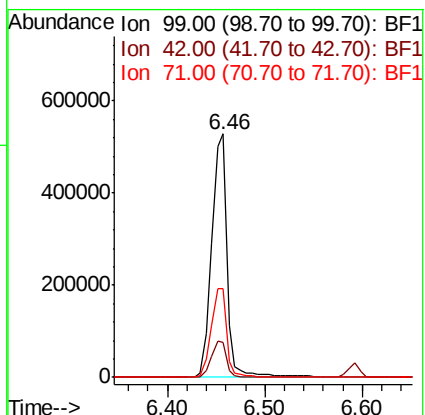
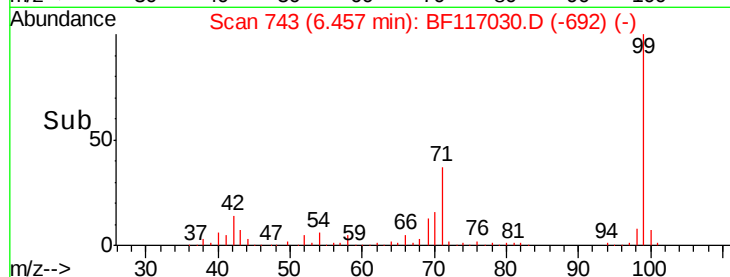


Abundance

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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.46 min Scan# 743

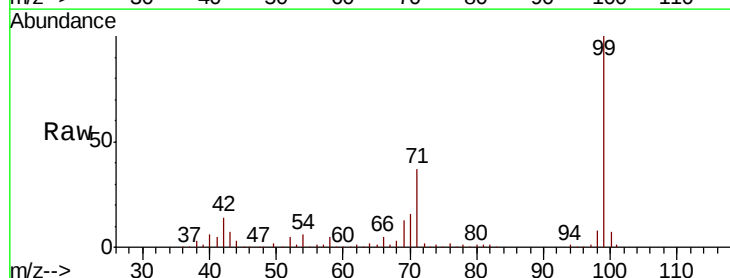
Delta R.T. 0.08 min

Lab File: BF117030.D

Acq: 13 Sep 2019 18:52

Tgt Ion: 77 Resp: 1089

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.8	121.8#
106	0.0	77.3	117.3#

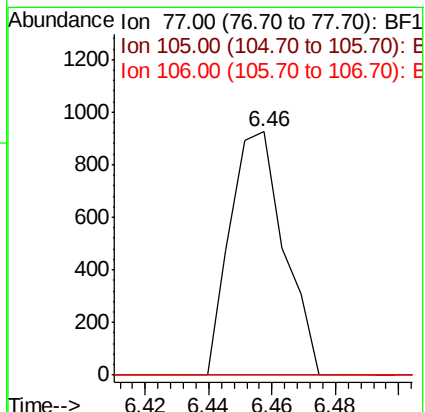
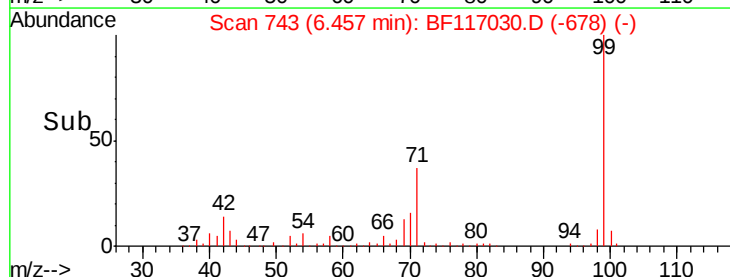


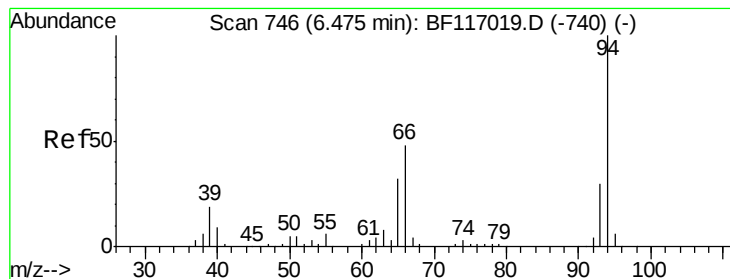
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 4.356 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117030.D

Acq: 13 Sep 2019 18:52

Instrument :

BNA_F

ClientSampleId :

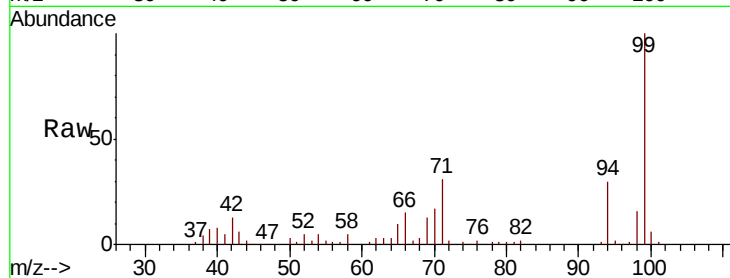
Tot Ion: 94 Resp: 25640

Ion Ratio Lower Upper

94 100

65 32.0 12.5 52.5

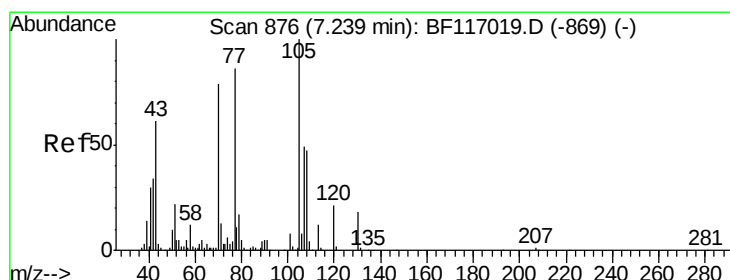
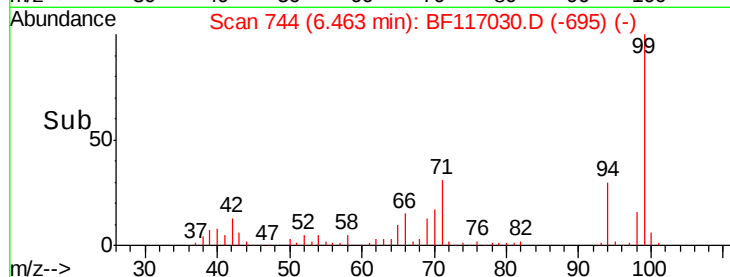
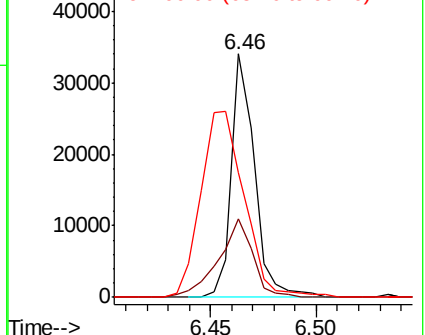
66 51.0 28.9 68.9



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: 14.667 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.14 min

Lab File: BF117030.D

Acq: 13 Sep 2019 18:52

Tgt Ion: 70 Resp: 47687

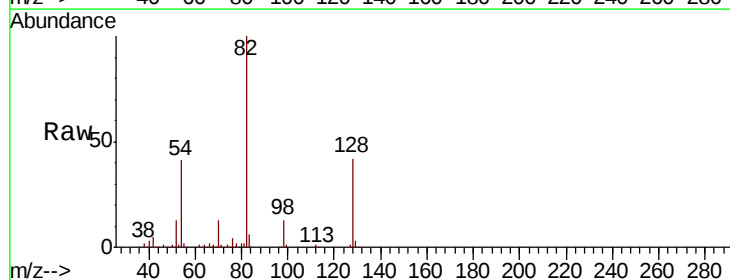
Ion Ratio Lower Upper

70 100

42 37.5 34.0 51.0

101 0.0 7.8 11.6#

130 2.0 17.8 26.8#

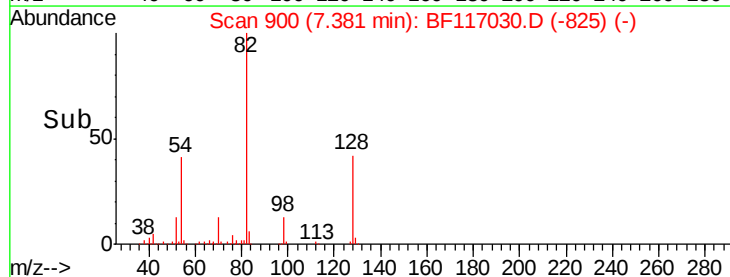
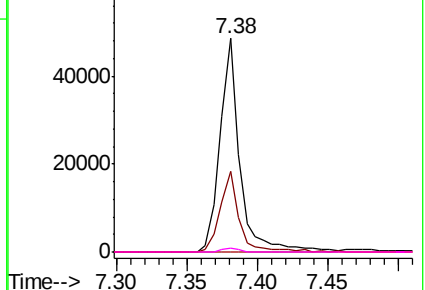


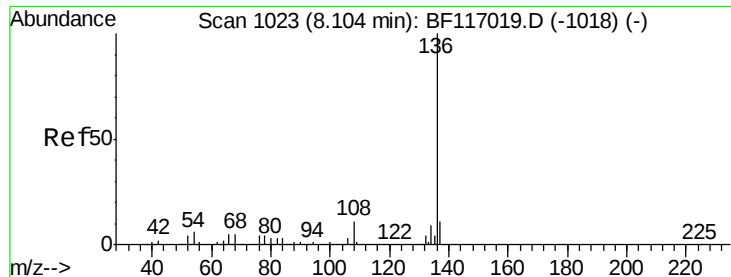
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117030.D

Acq: 13 Sep 2019 18:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 255719

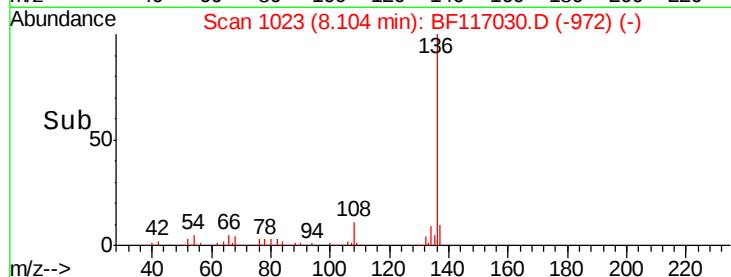
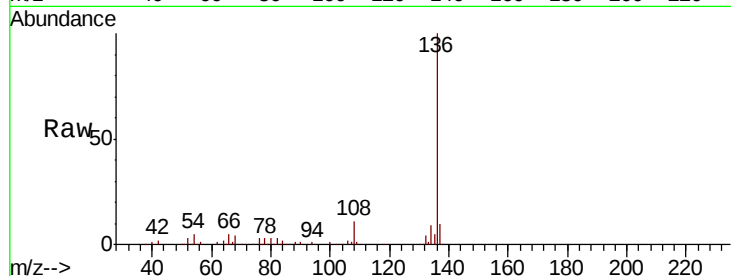
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 5.2 4.5 6.7

68 4.0 4.0 6.0#

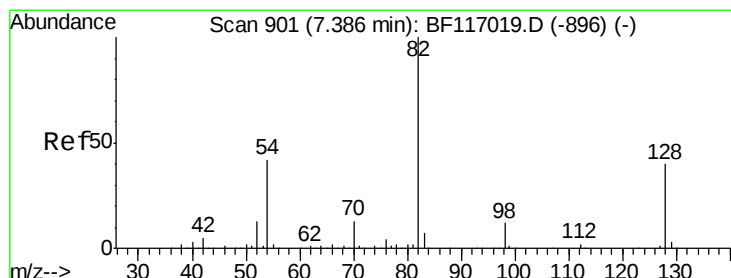
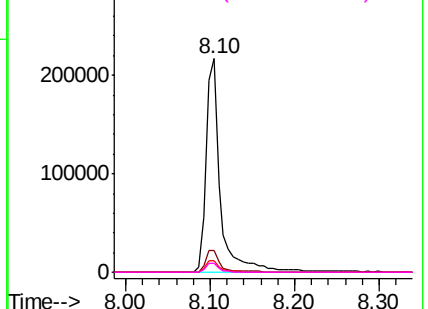


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.906 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF117030.D

Acq: 13 Sep 2019 18:52

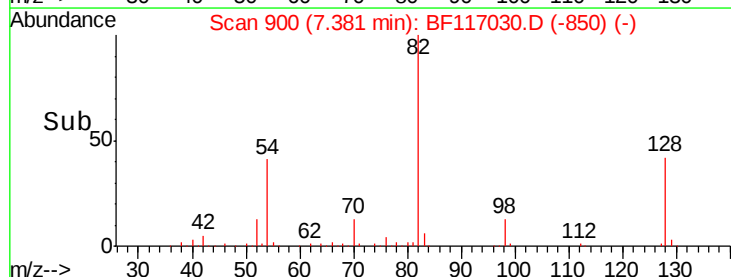
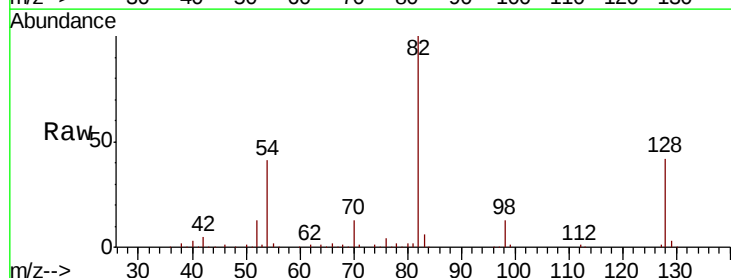
Tgt Ion: 82 Resp: 369425

Ion Ratio Lower Upper

82 100

128 42.2 32.3 48.5

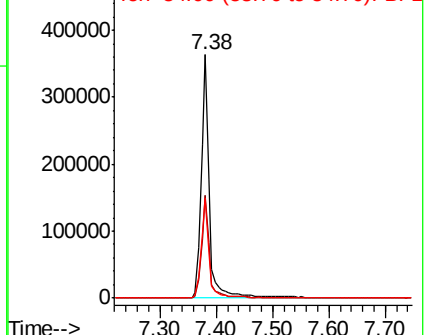
54 41.3 33.3 49.9

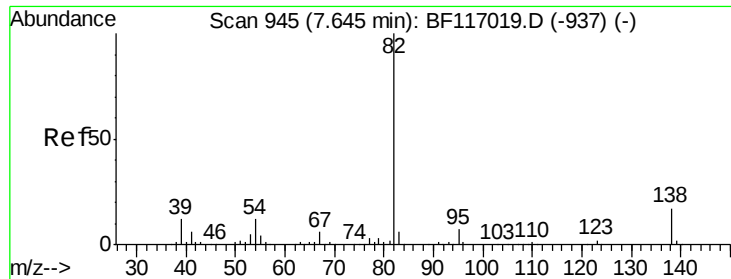


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.870 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF117030.D

Acq: 13 Sep 2019 18:52

Instrument :

BNA_F

ClientSampled :

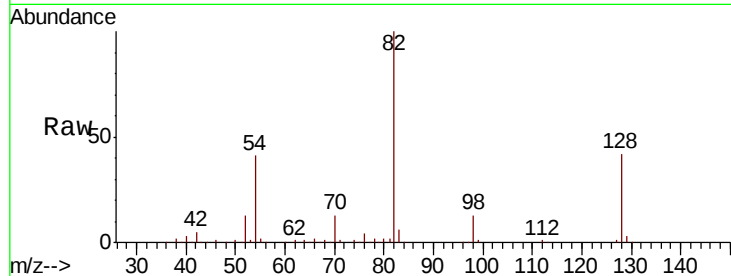
Tot Ion: 82 Resp: 369423

Ion Ratio Lower Upper

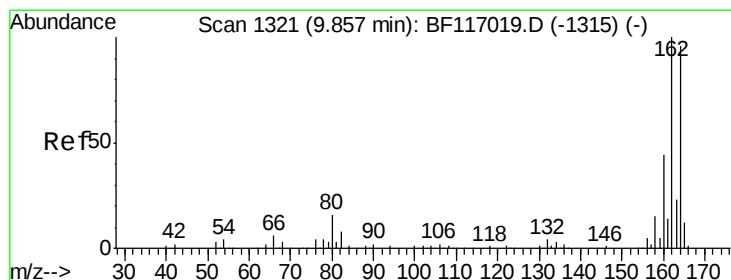
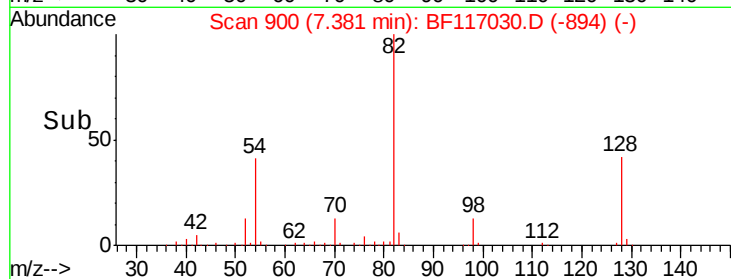
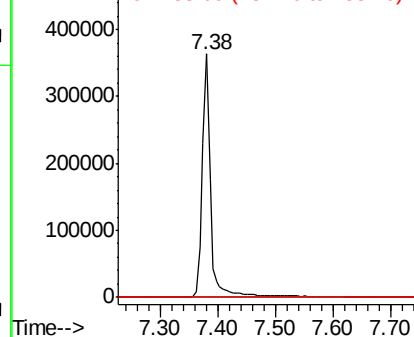
82 100

95 0.0 5.8 8.6#

138 0.0 13.5 20.3#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117030.D

Acq: 13 Sep 2019 18:52

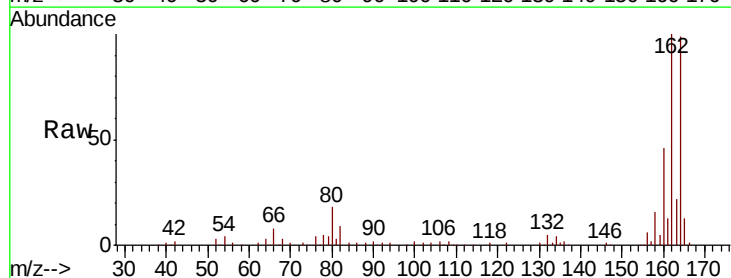
Tgt Ion: 164 Resp: 132970

Ion Ratio Lower Upper

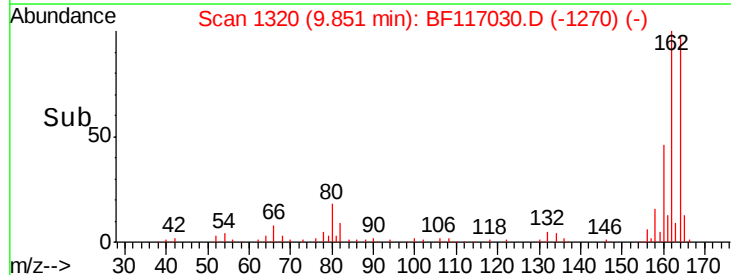
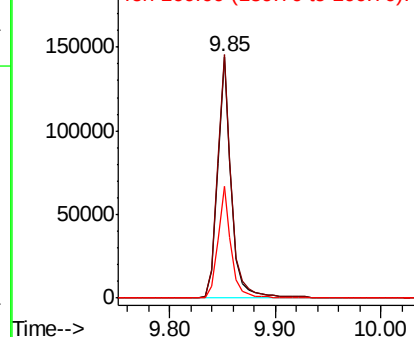
164 100

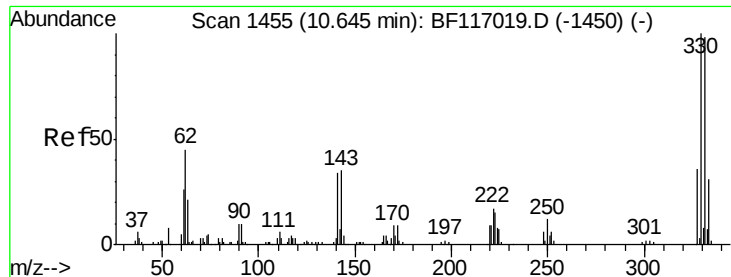
162 100.9 83.4 125.2

160 46.1 36.4 54.6



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

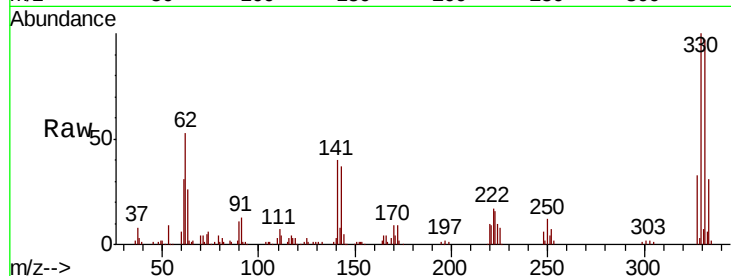




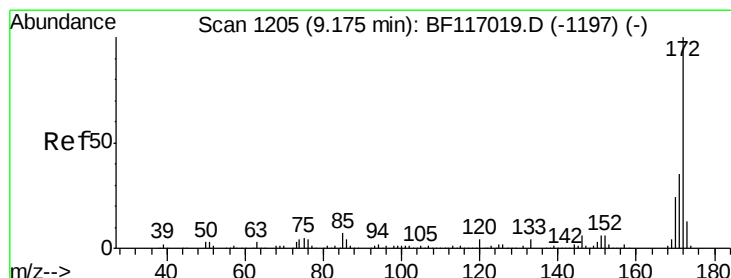
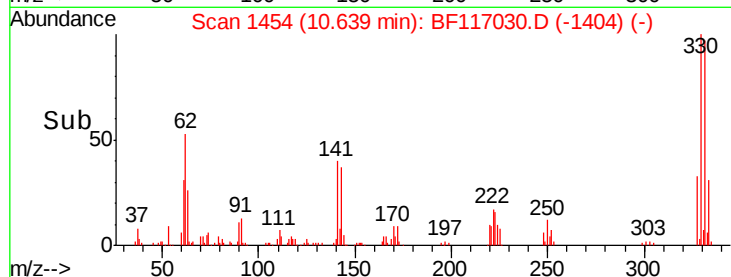
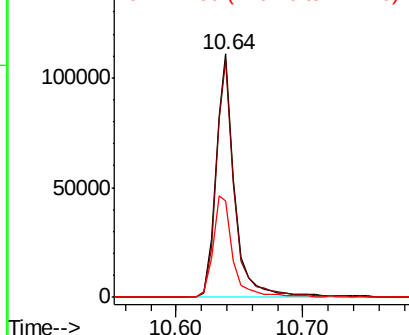
#42
 2,4,6-Tribromophenol
 Concen: 103.842 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117030.D
 Acq: 13 Sep 2019 18:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.0	117.0
141	45.0	35.8	53.6

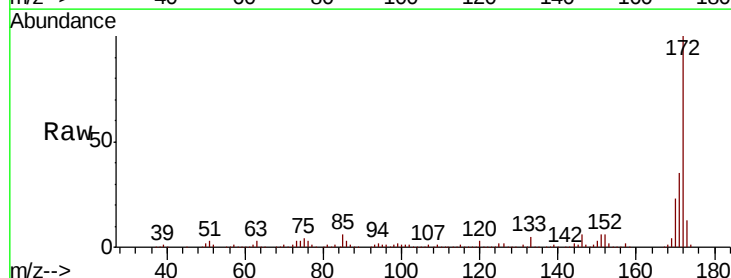


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

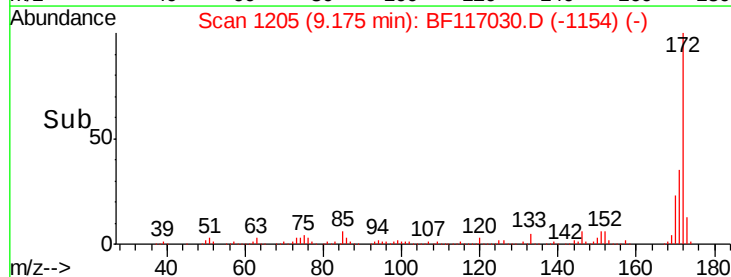
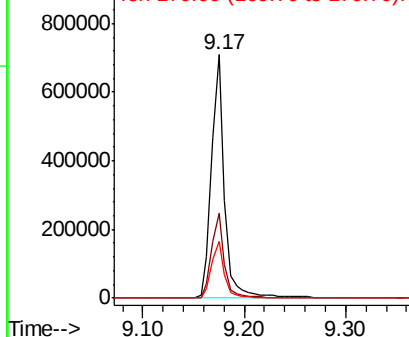


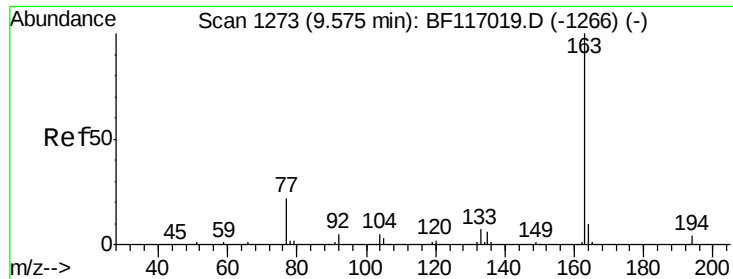
#45
 2-Fluorobiphenyl
 Concen: 75.130 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117030.D
 Acq: 13 Sep 2019 18:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	23.4	18.9	28.3



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

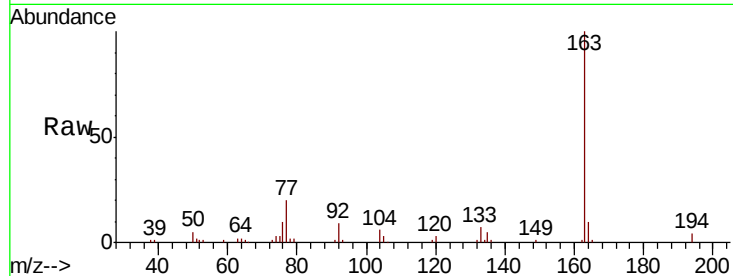




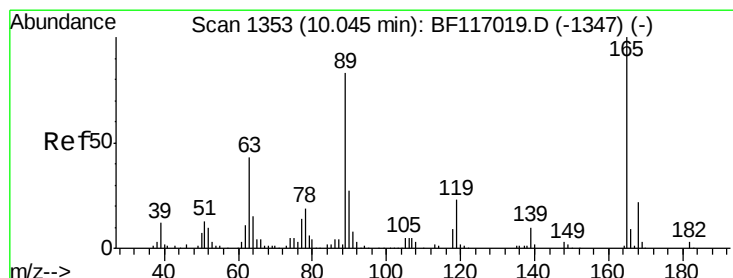
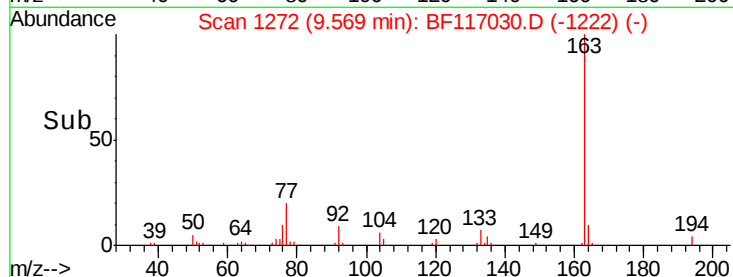
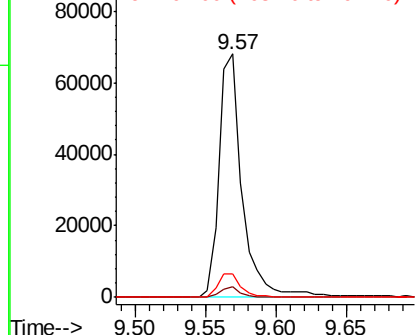
#50
Dimethylphthalate
Concen: 8.236 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117030.D
Acq: 13 Sep 2019 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 77546
Ion Ratio Lower Upper
163 100
194 4.3 2.9 4.3#
164 9.5 8.2 12.4

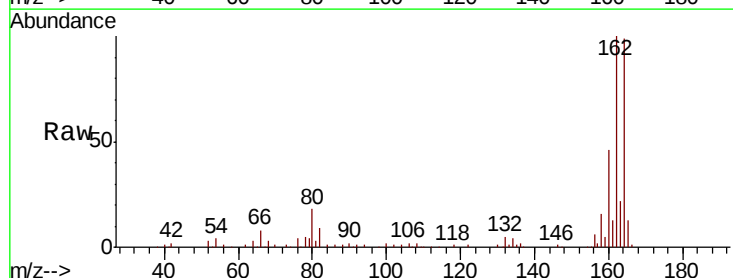


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

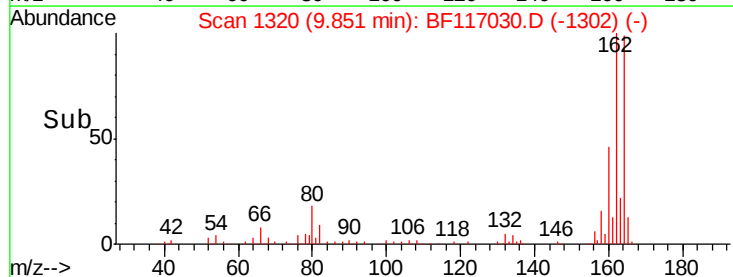
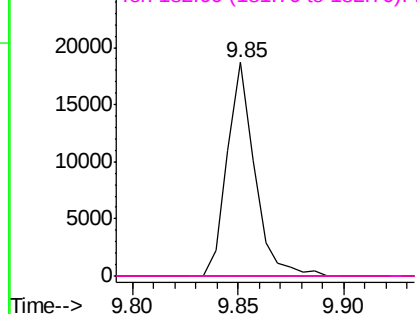


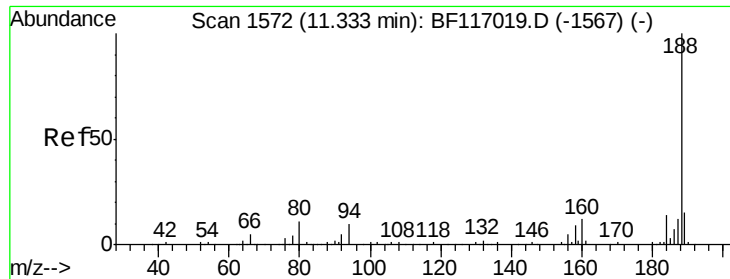
#57
2,4-Dinitrotoluene
Concen: 6.725 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF117030.D
Acq: 13 Sep 2019 18:52

Tgt Ion:165 Resp: 16739
Ion Ratio Lower Upper
165 100
63 0.0 35.0 52.4#
89 0.0 66.1 99.1#
182 0.0 2.0 3.0#



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

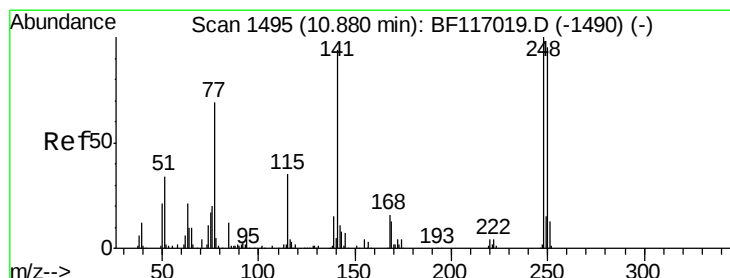
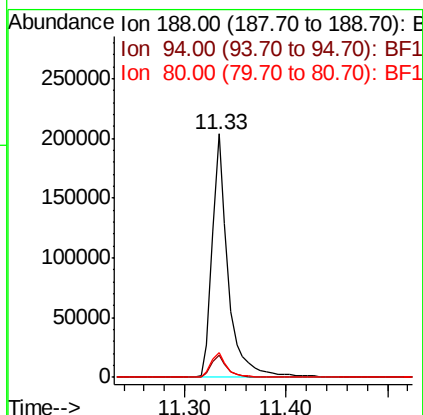
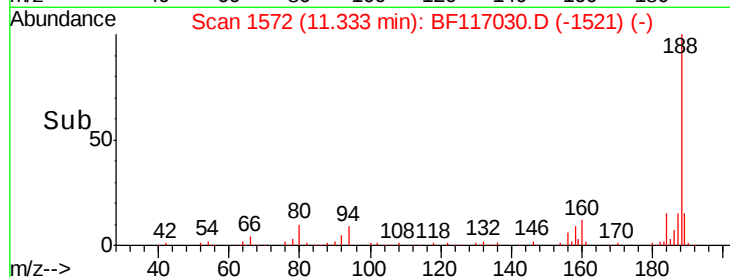
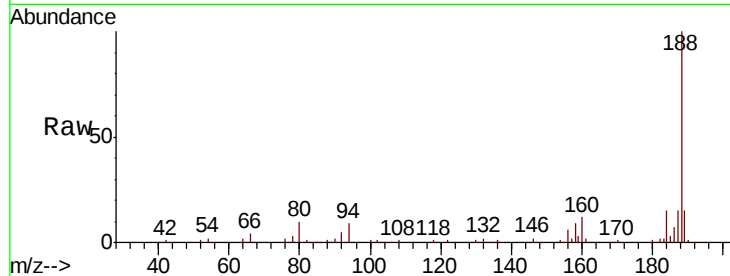




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117030.D
Acq: 13 Sep 2019 18:52

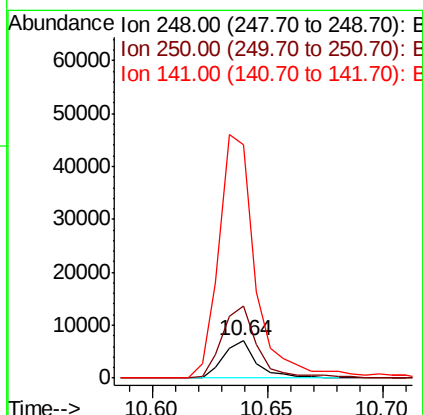
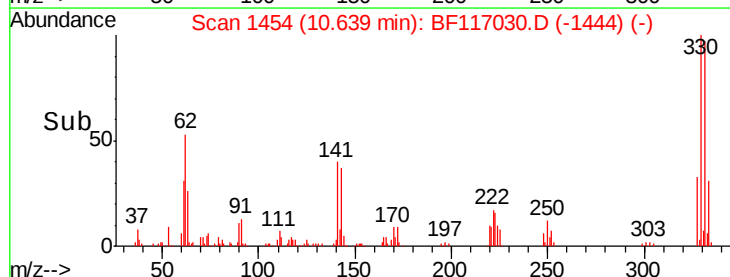
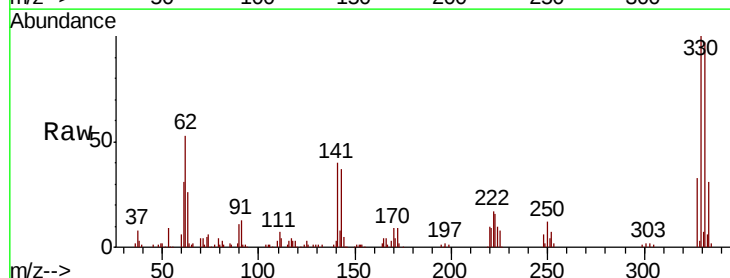
Instrument :
BNA_F
ClientSampleId :

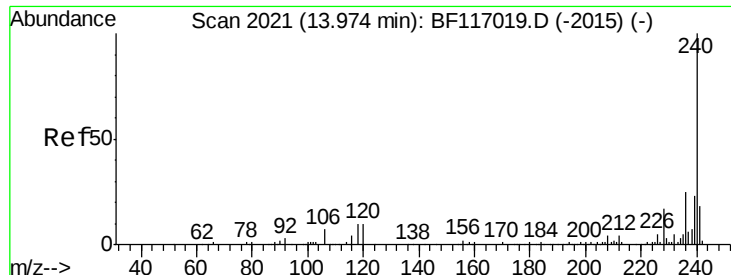
Tot Ion:188 Resp: 224365
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 10.2 9.0 13.6



#67
4-Bromophenyl-phenylether
Concen: 3.071 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117030.D
Acq: 13 Sep 2019 18:52

Tgt Ion:248 Resp: 7037
Ion Ratio Lower Upper
248 100
250 192.2 76.2 114.4#
141 625.1 75.0 112.4#

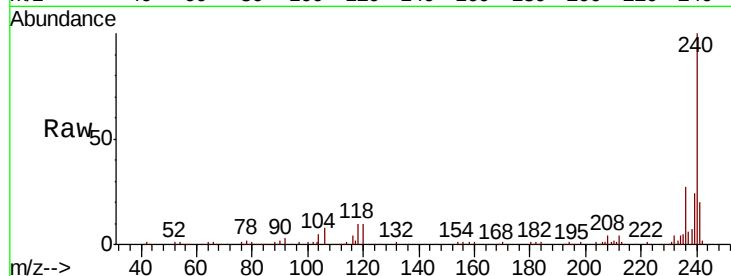




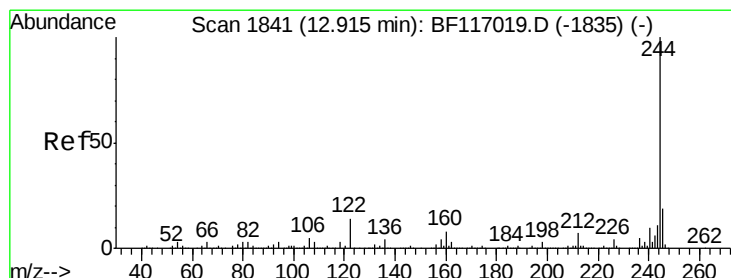
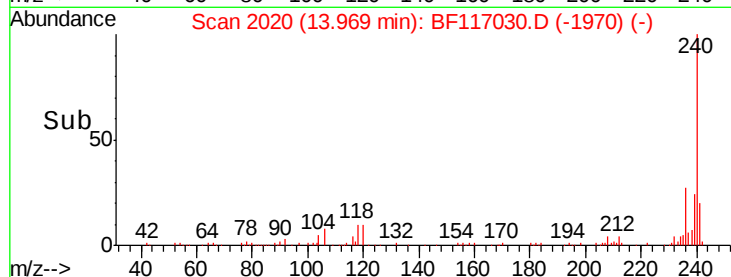
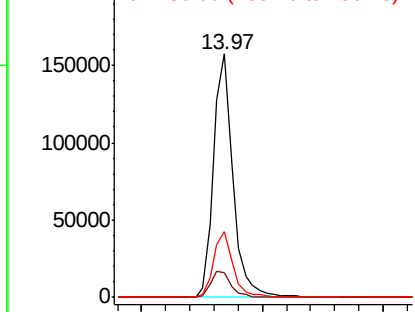
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117030.D
Acq: 13 Sep 2019 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 173202
Ion Ratio Lower Upper
240 100
120 9.9 8.3 12.5
236 26.8 20.3 30.5

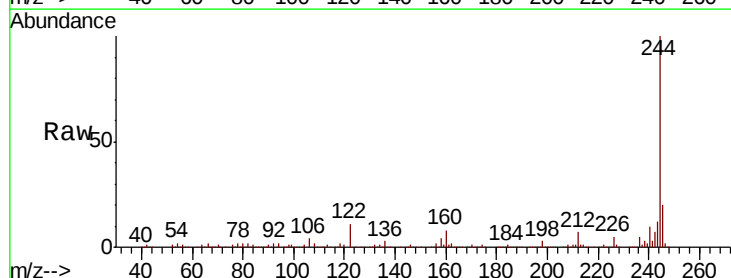


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

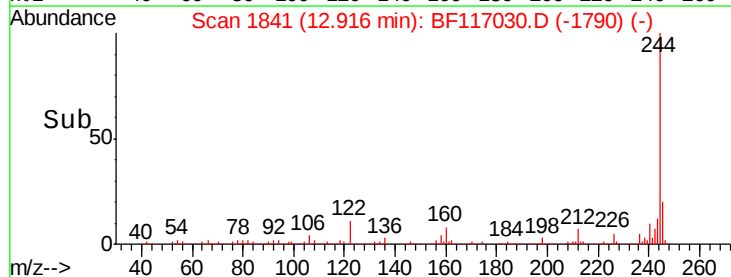
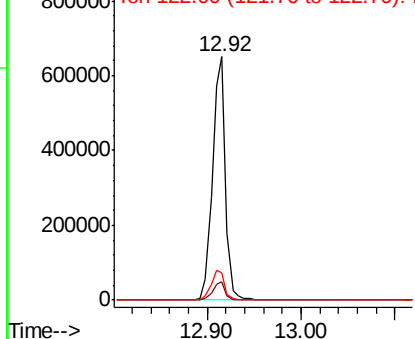


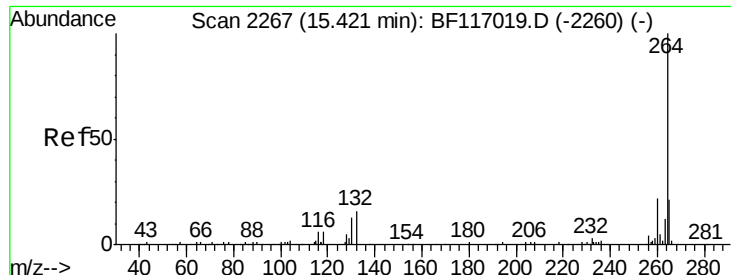
#79
Terphenyl-d14
Concen: 68.390 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117030.D
Acq: 13 Sep 2019 18:52

Tgt Ion:244 Resp: 633702
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 11.4 11.3 16.9



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

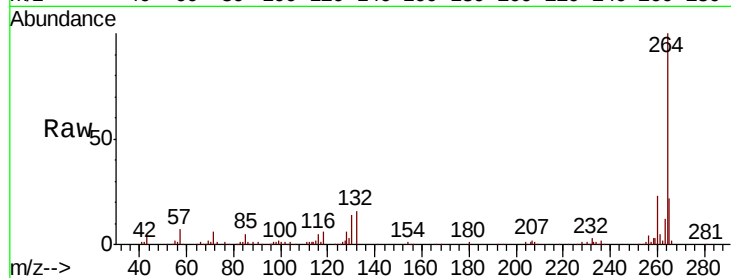




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BF117030.D
 Acq: 13 Sep 2019 18:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.6	26.4
265	21.8	16.6	24.8



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

