

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117033.D
 Acq On : 13 Sep 2019 20:12
 Operator : HP/JU
 Sample : K4851-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3D-(9-10)

Quant Time: Sep 14 00:18:49 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

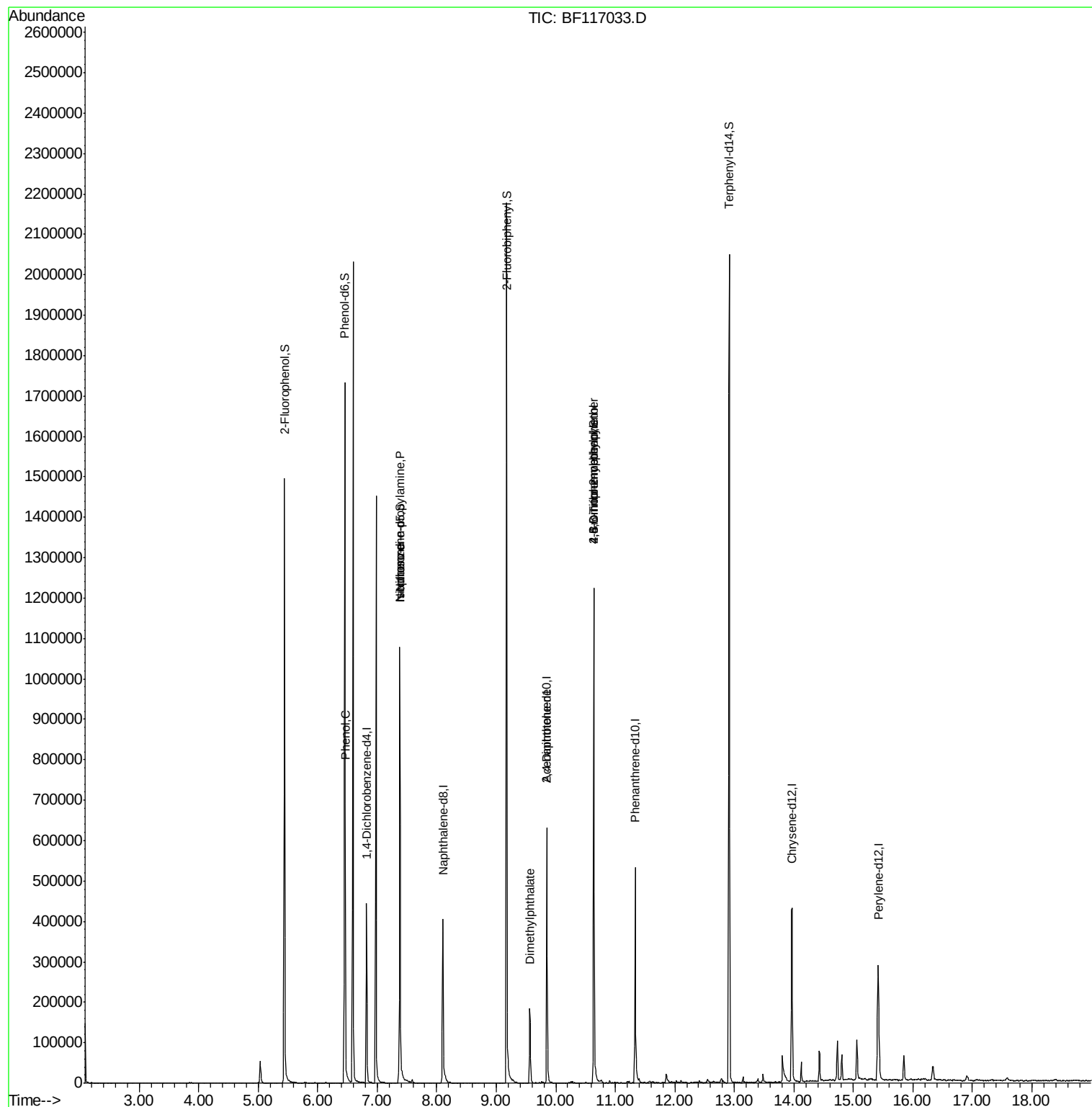
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	64499	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	257254	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	135196	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	226647	20.00	ng	0.00
76) Chrysene-d12	13.97	240	171804	20.00	ng	0.00
87) Perylene-d12	15.42	264	148794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	469256	113.59	ng	0.00
7) Phenol-d6	6.46	99	655920	122.85	ng	0.00
23) Nitrobenzene-d5	7.38	82	412051	84.16	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	143386	126.90	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	688743	79.65	ng	0.00
79) Terphenyl-d14	12.92	244	672368	73.15	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	1239	Below Cal	Qvalue	# 1
10) Phenol	6.47	94	30667	5.210	ng	# 89
19) n-Nitroso-di-n-propylamine	7.38	70	52209	16.059	ng	# 79
25) Isophorone	7.38	82	412047	47.531	ng	# 66
50) Dimethylphthalate	9.56	163	87365	9.127	ng	# 99
57) 2,4-Dinitrotoluene	9.85	165	16288	6.436	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.63	198	321	7.168	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	9610	4.152	ng	# 1

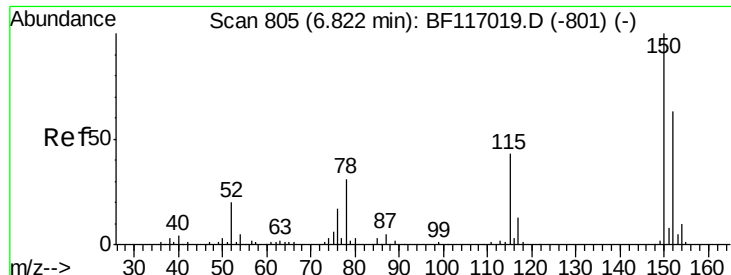
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
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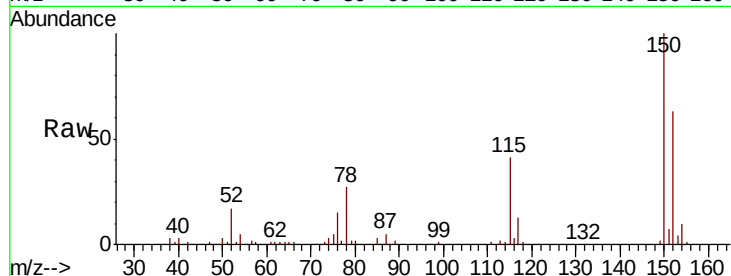


#1

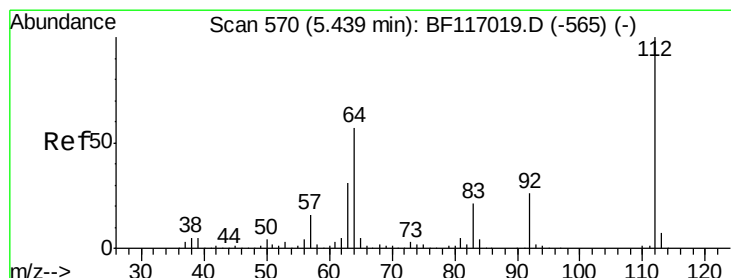
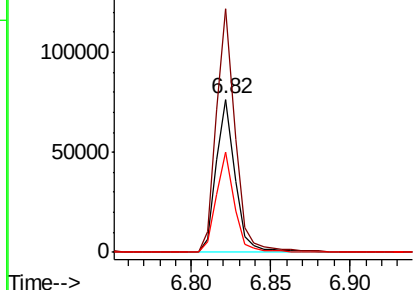
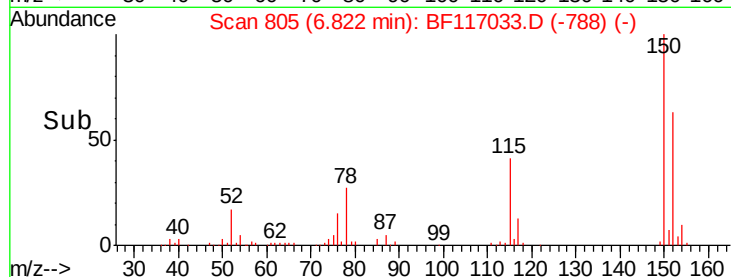
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Instrument :
BNA_F
ClientSampleId :
SB-3D-(9-10)

Tot Ion:152 Resp: 64499
Ion Ratio Lower Upper
152 100
150 159.1 127.5 191.3
115 65.9 55.0 82.4



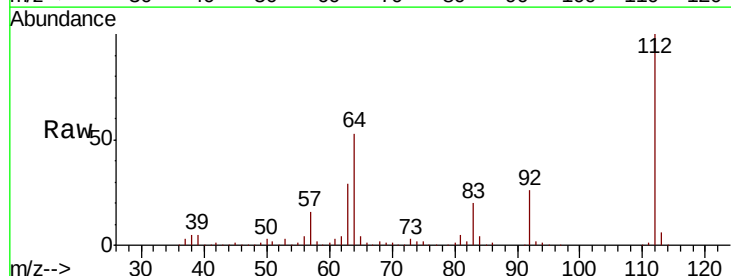
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



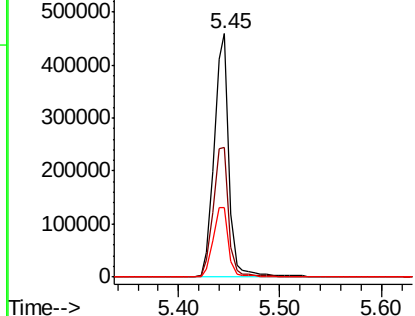
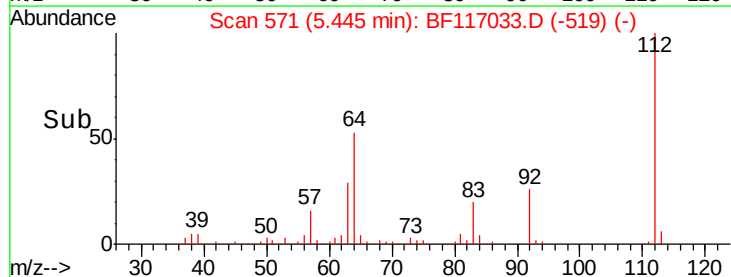
#5

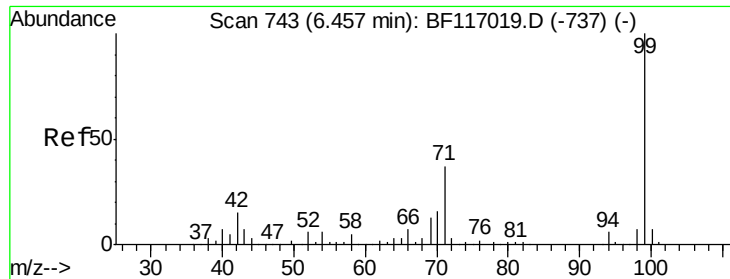
2-Fluorophenol
Concen: 113.587 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Tgt Ion:112 Resp: 469256
Ion Ratio Lower Upper
112 100
64 53.2 45.7 68.5
63 28.6 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: 122.853 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117033.D

Acq: 13 Sep 2019 20:12

Instrument :

BNA_F

ClientSampleId :

SB-3D-(9-10)

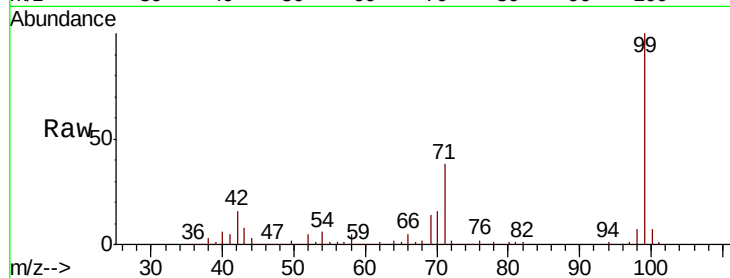
Tot Ion: 99 Resp: 655920

Ion Ratio Lower Upper

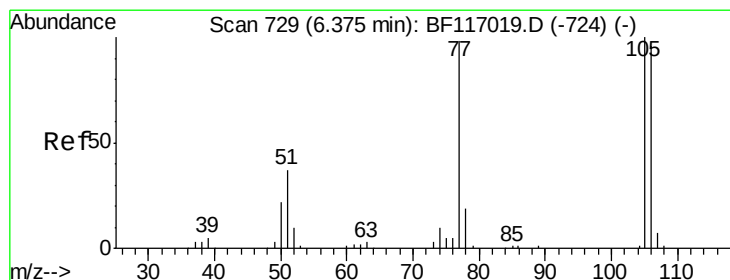
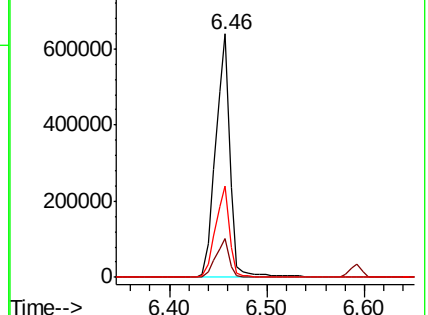
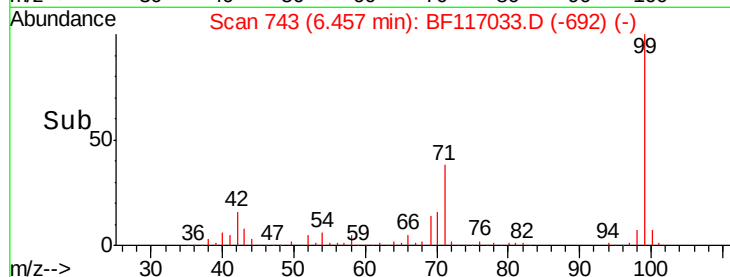
99 100

42 15.7 12.2 18.2

71 37.6 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: BF117033.D

Acq: 13 Sep 2019 20:12

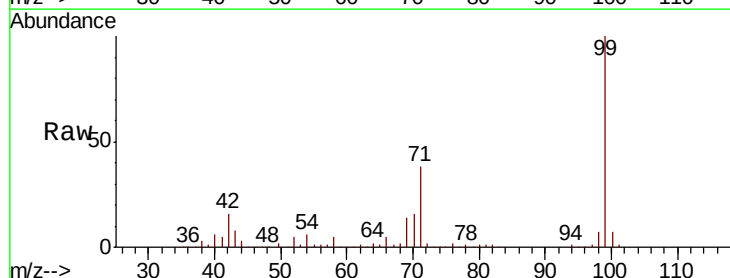
Tgt Ion: 77 Resp: 1239

Ion Ratio Lower Upper

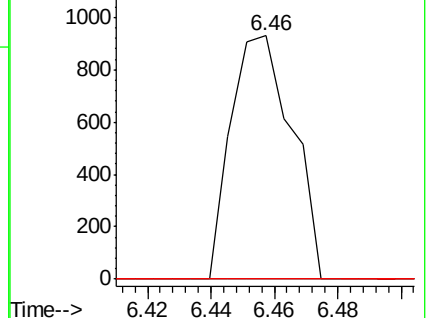
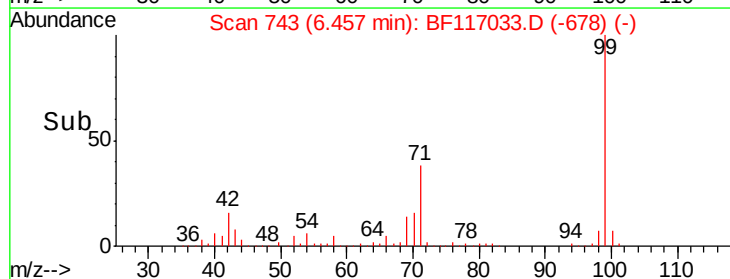
77 100

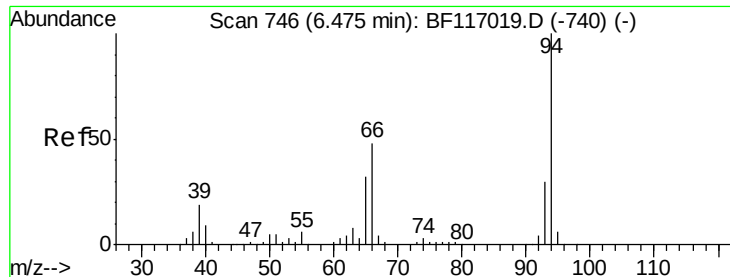
105 0.0 81.8 121.8#

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: 5.210 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117033.D

Acq: 13 Sep 2019 20:12

Instrument :

BNA_F

ClientSampleId :

SB-3D-(9-10)

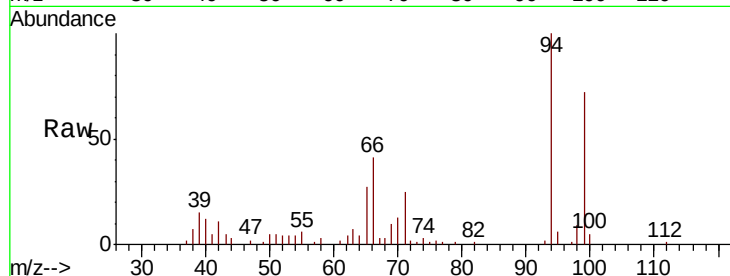
Tot Ion: 94 Resp: 30667

Ion Ratio Lower Upper

94 100

65 27.2 12.5 52.5

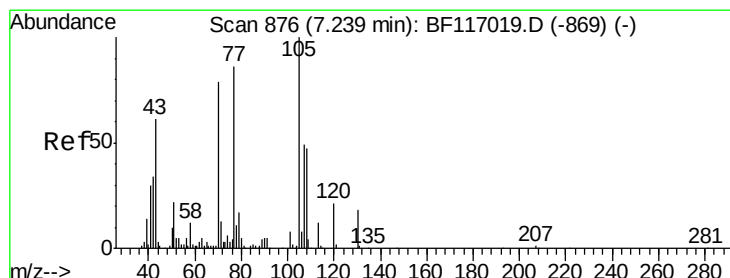
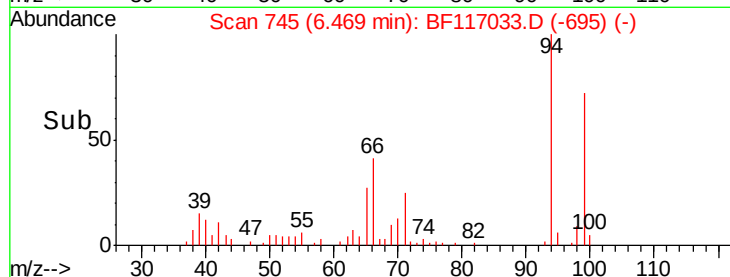
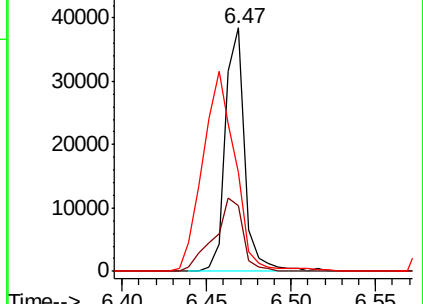
66 40.9 28.9 68.9



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: 16.059 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.14 min

Lab File: BF117033.D

Acq: 13 Sep 2019 20:12

Tgt Ion: 70 Resp: 52209

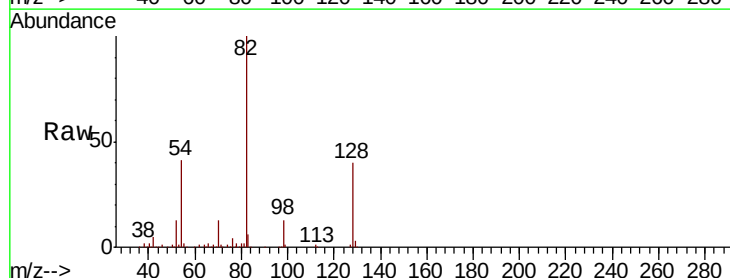
Ion Ratio Lower Upper

70 100

42 37.4 34.0 51.0

101 0.0 7.8 11.6#

130 2.0 17.8 26.8#

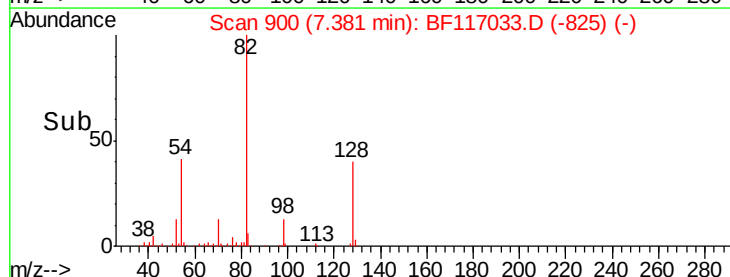
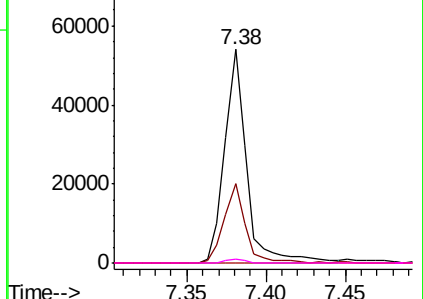


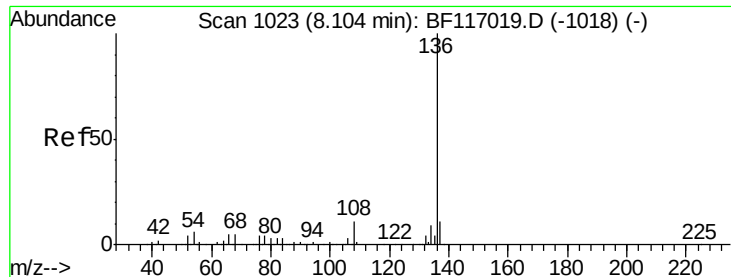
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

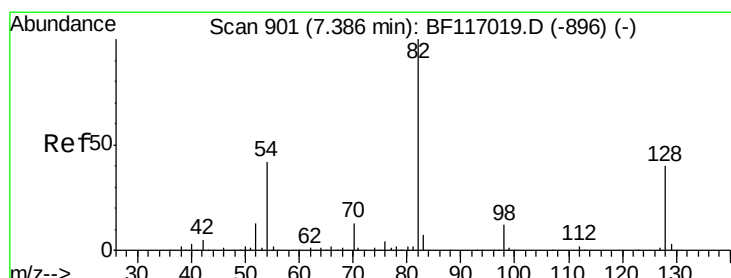
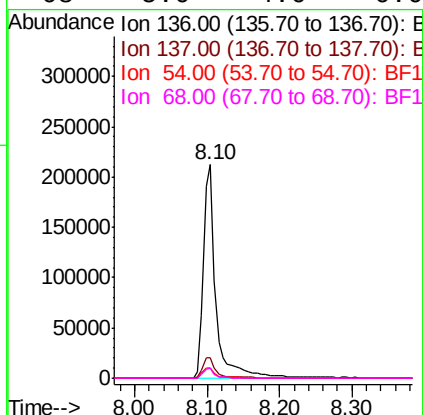
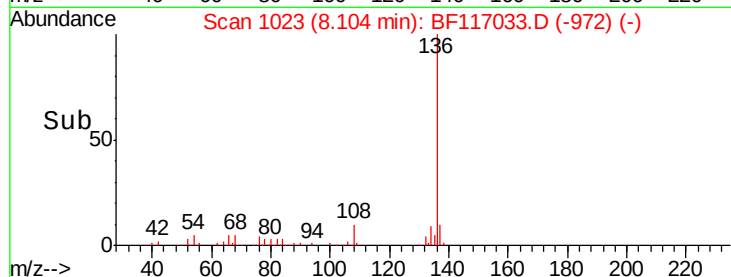
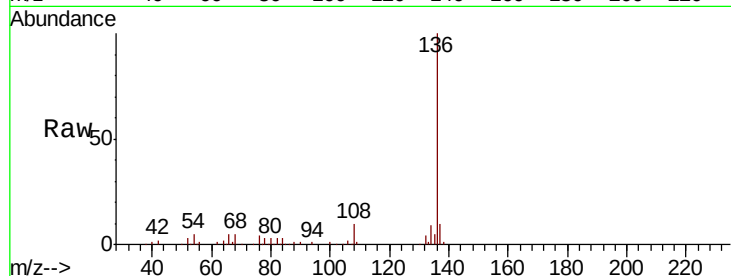




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

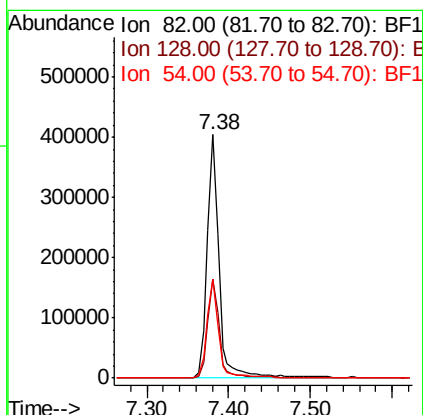
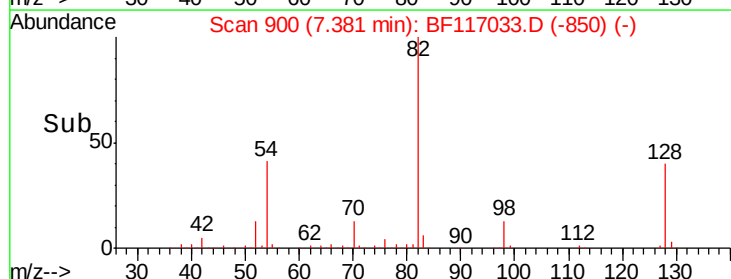
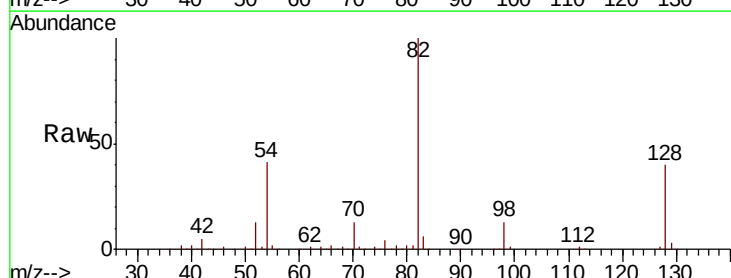
Instrument :
BNA_F
ClientSampleId :
SB-3D-(9-10)

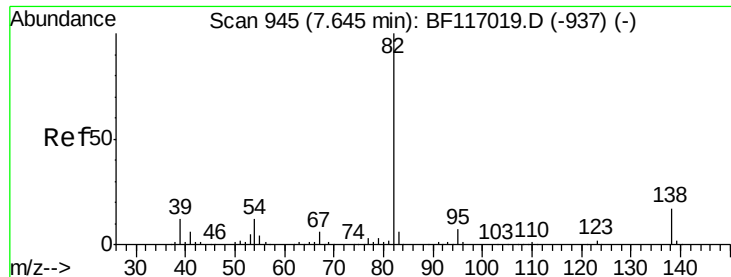
Tot Ion:136	Resp:	257254
Ion Ratio	Lower	Upper
136 100		
137 9.7	9.0	13.4
54 5.0	4.5	6.7
68 5.0	4.0	6.0



#23
Nitrobenzene-d5
Concen: 84.159 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Tgt Ion: 82	Resp: 412051
Ion Ratio	Lower Upper
82 100	
128 40.5	32.3 48.5
54 40.8	33.3 49.9





#25

Isophorone

Concen: 47.531 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF117033.D

Acq: 13 Sep 2019 20:12

Instrument :

BNA_F

ClientSampled :

SB-3D-(9-10)

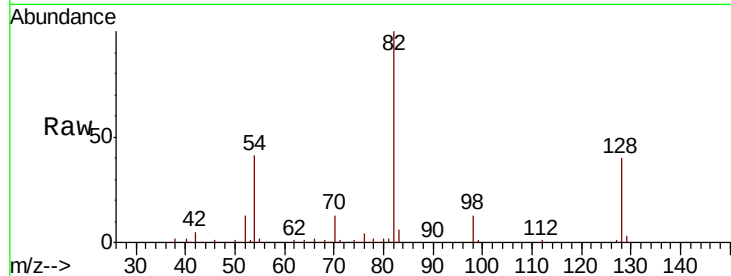
Tot Ion: 82 Resp: 412047

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

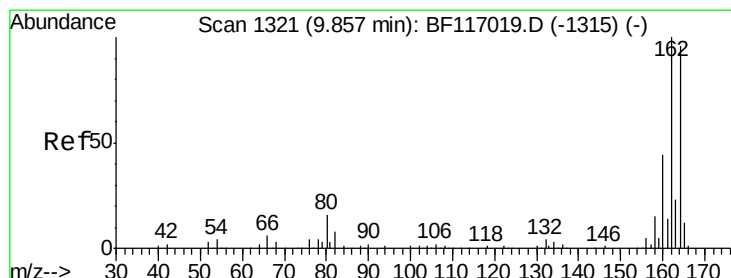
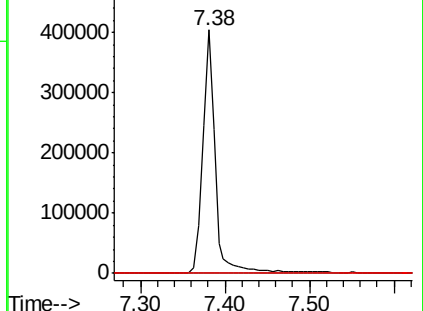
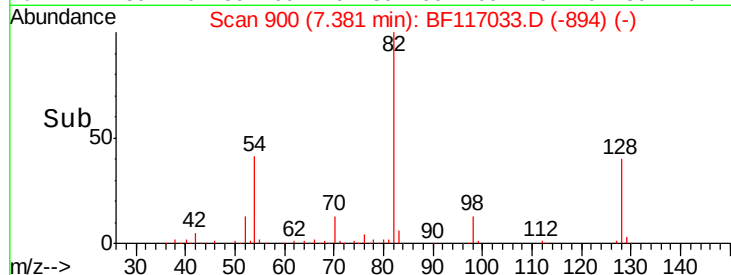
138 0.0 13.5 20.3#



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): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117033.D

Acq: 13 Sep 2019 20:12

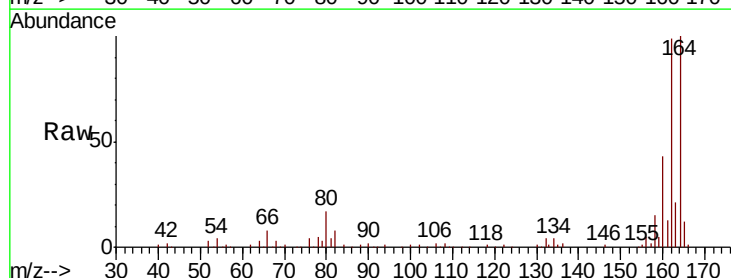
Tgt Ion: 164 Resp: 135196

Ion Ratio Lower Upper

164 100

162 99.1 83.4 125.2

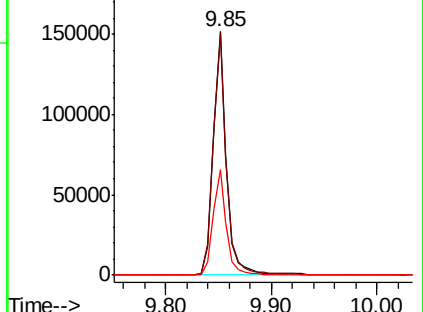
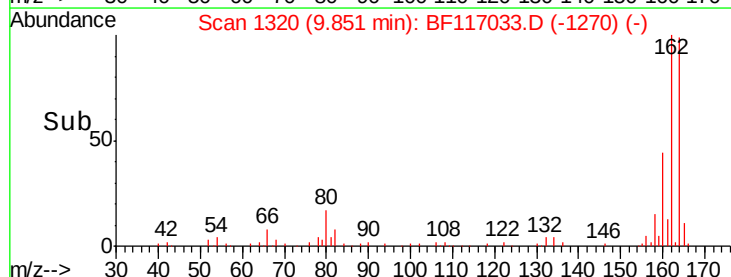
160 43.4 36.4 54.6

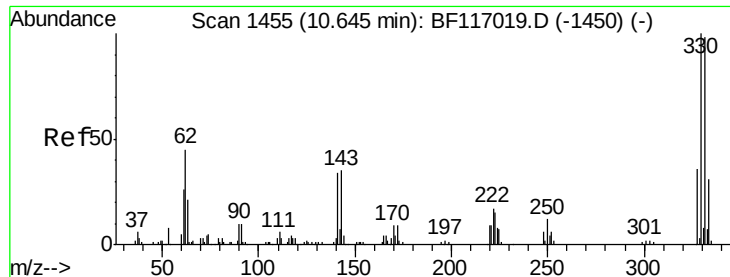


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 126.898 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117033.D

Acq: 13 Sep 2019 20:12

Instrument :

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ClientSampleId :

SB-3D-(9-10)

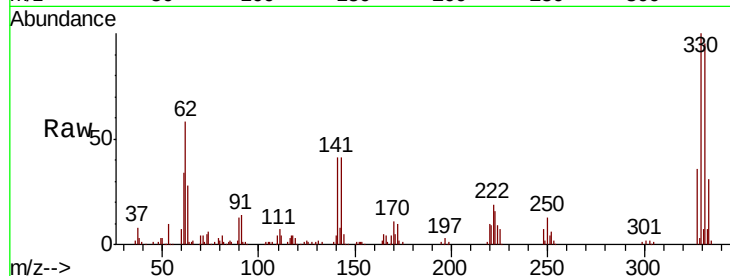
Tot Ion:330 Resp: 143386

Ion Ratio Lower Upper

330 100

332 95.6 78.0 117.0

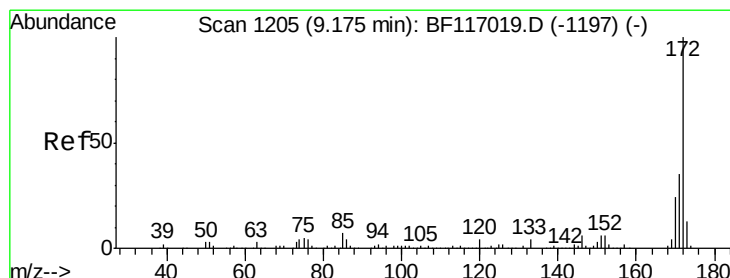
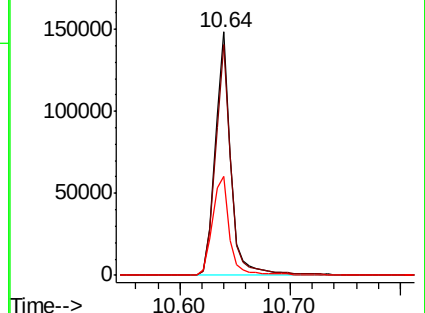
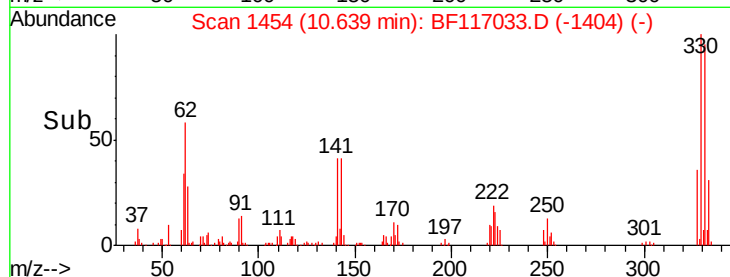
141 44.6 35.8 53.6



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: 79.655 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117033.D

Acq: 13 Sep 2019 20:12

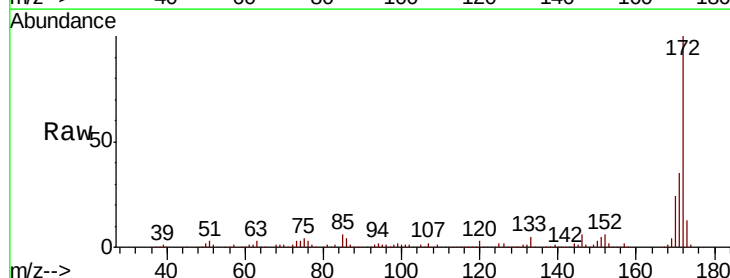
Tgt Ion:172 Resp: 688743

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

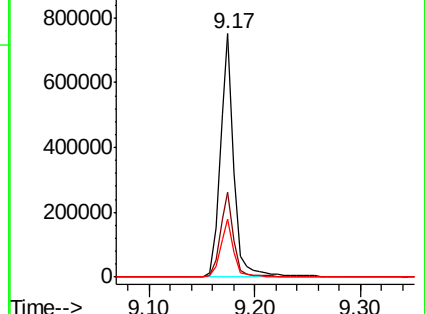
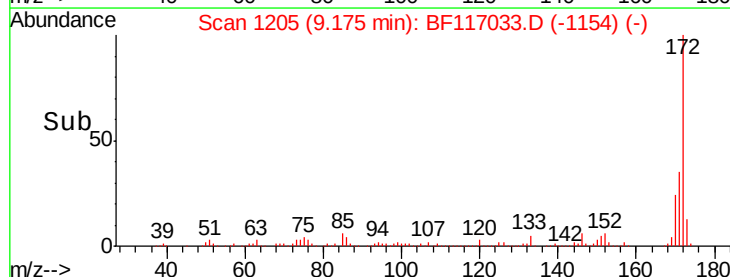
170 24.0 18.9 28.3

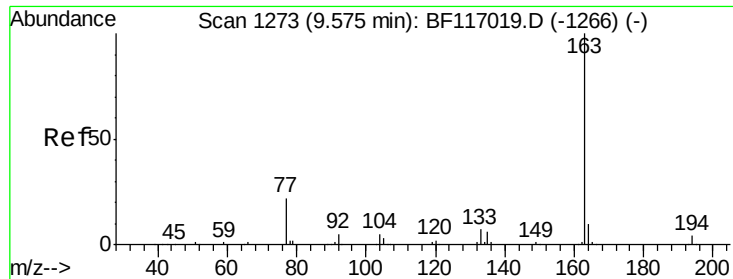


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

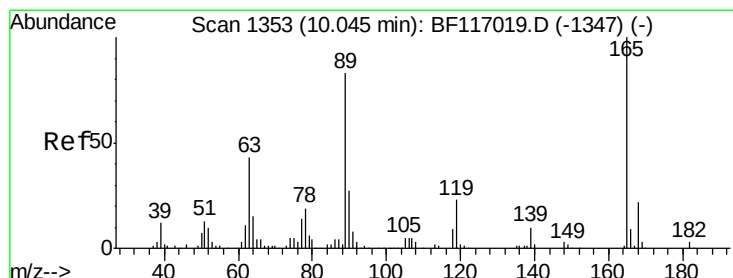
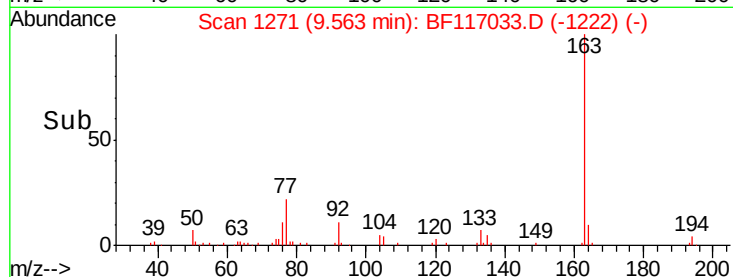
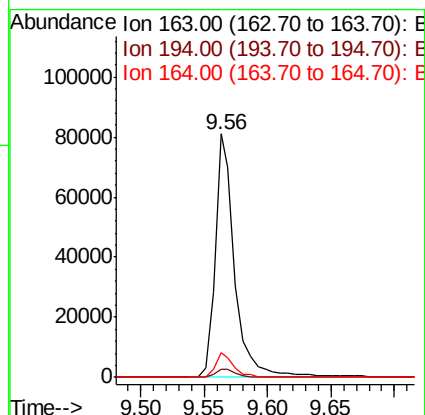
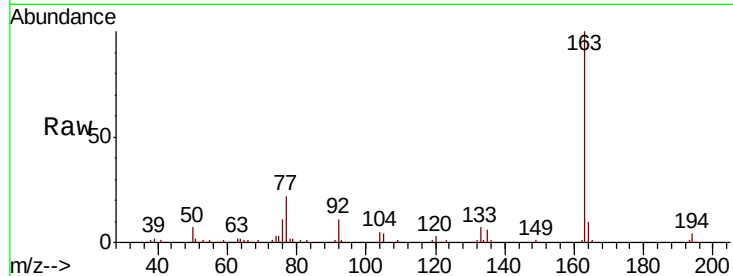




#50
Dimethylphthalate
Concen: 9.127 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

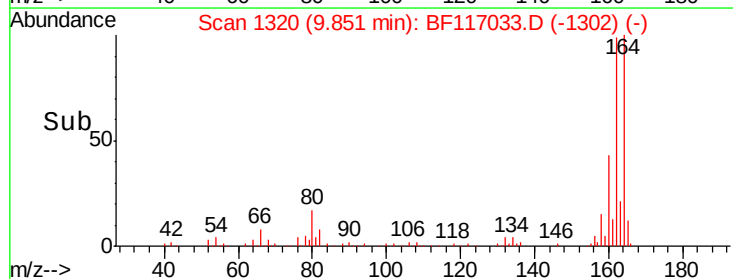
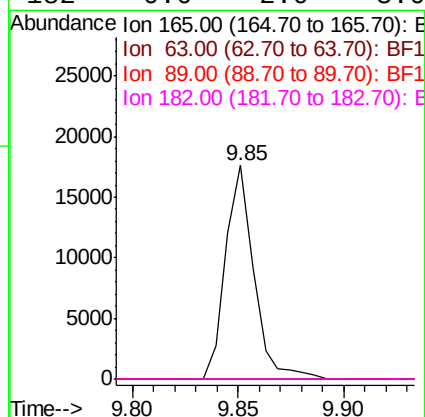
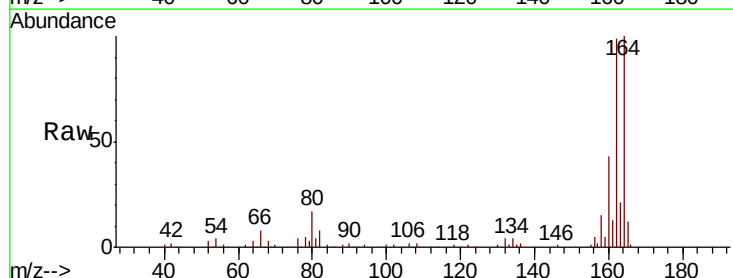
Instrument :
BNA_F
ClientSampleId :
SB-3D-(9-10)

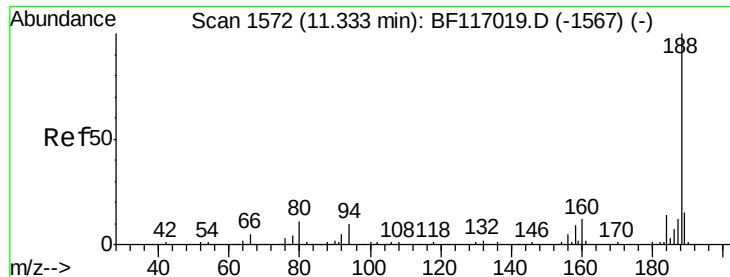
Tot Ion:163 Resp: 87365
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.0 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.436 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Tgt Ion:165 Resp: 16288
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#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117033.D

Acq: 13 Sep 2019 20:12

Instrument :

BNA_F

ClientSampleId :

SB-3D-(9-10)

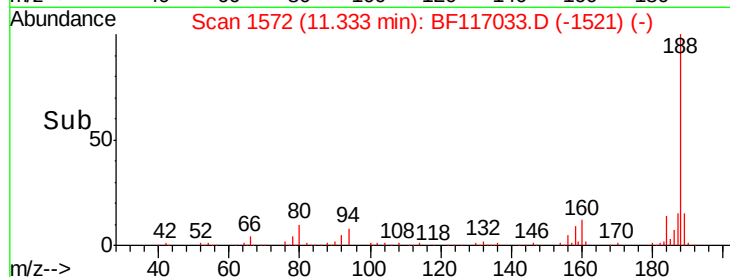
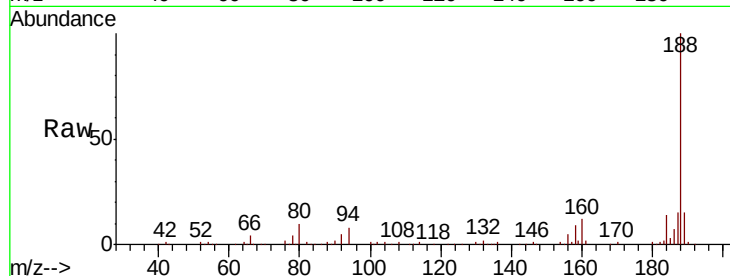
Tot Ion:188 Resp: 226647

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

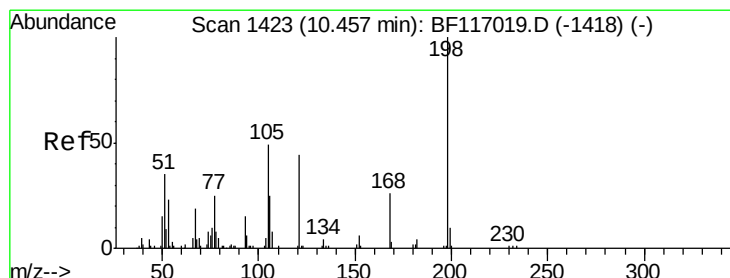
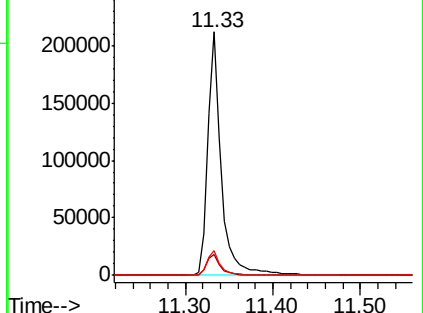
80 10.3 9.0 13.6



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



#65

4,6-Dinitro-2-methylphenol

Concen: 7.168 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.18 min

Lab File: BF117033.D

Acq: 13 Sep 2019 20:12

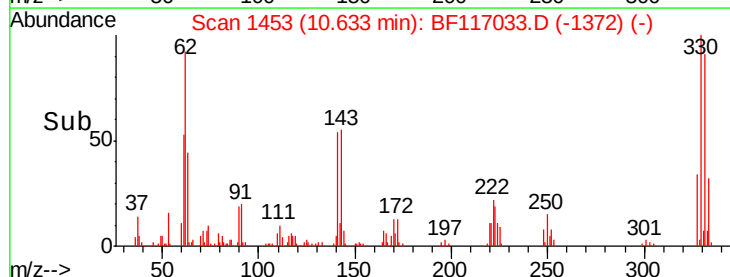
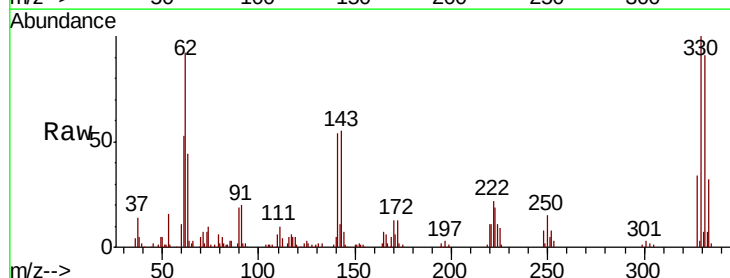
Tgt Ion:198 Resp: 321

Ion Ratio Lower Upper

198 100

51 163.8 18.7 58.7#

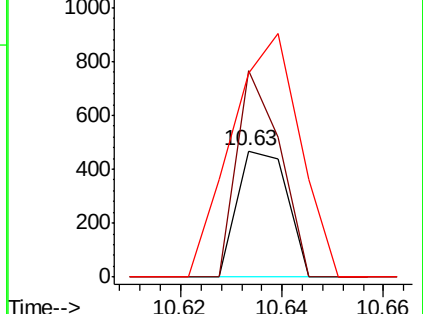
105 161.2 30.2 70.2#

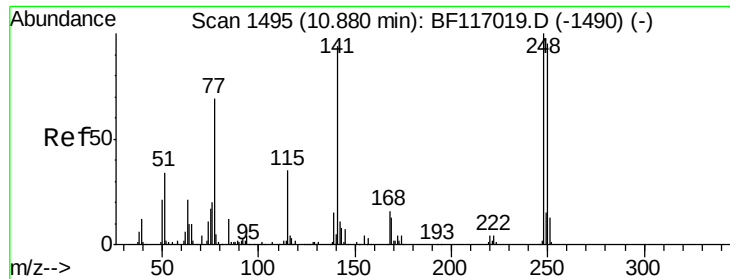


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

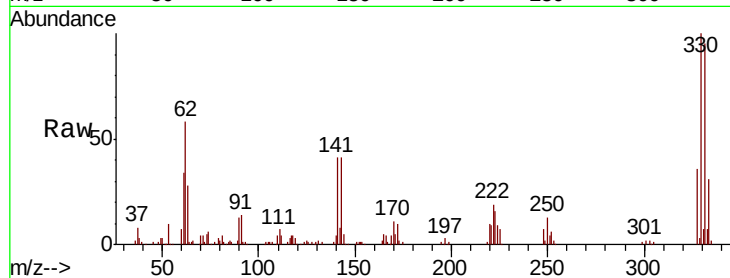




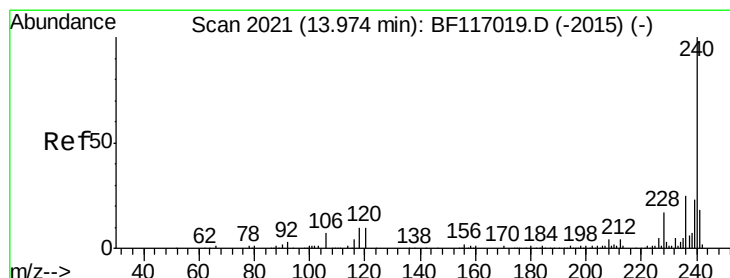
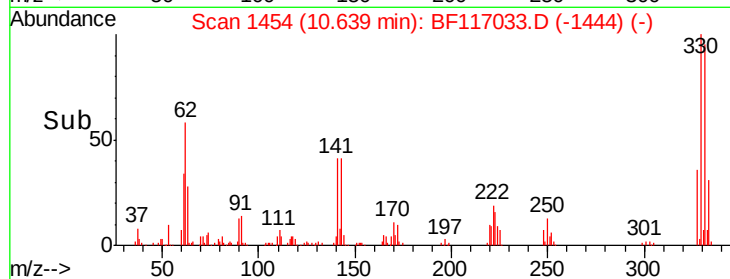
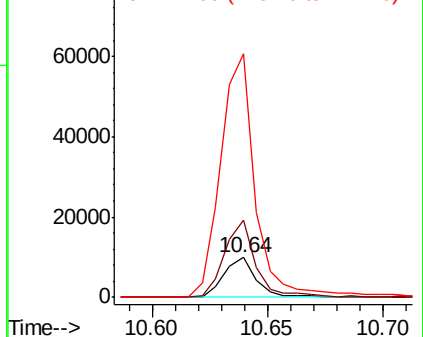
#67
4-Bromophenyl-phenylether
Concen: 4.152 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Instrument :
BNA_F
ClientSampleId :
SB-3D-(9-10)

Tot Ion:248 Resp: 9610
Ion Ratio Lower Upper
248 100
250 194.1 76.2 114.4#
141 614.4 75.0 112.4#

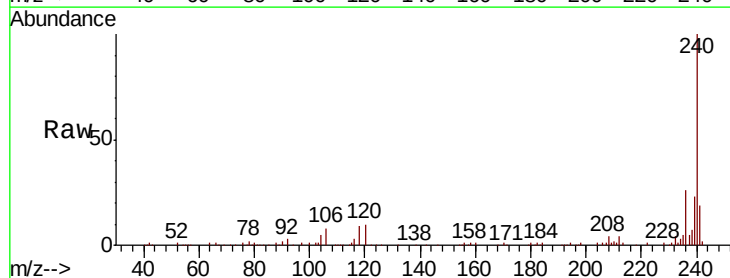


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

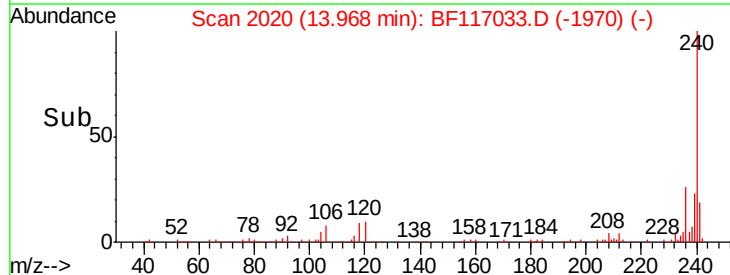
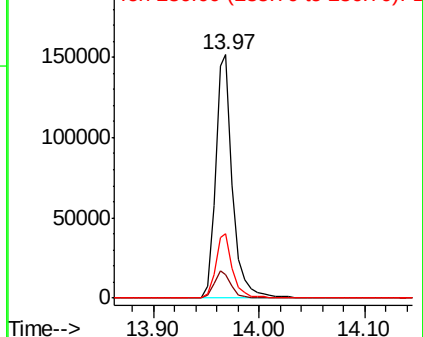


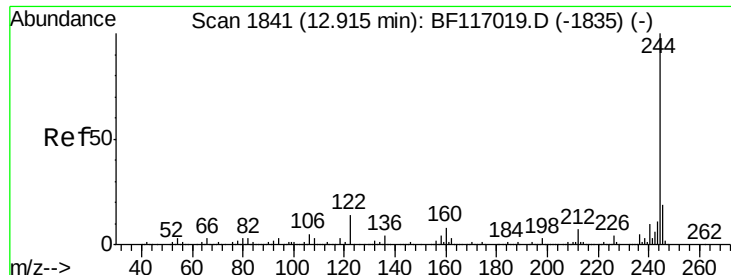
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Tgt Ion:240 Resp: 171804
Ion Ratio Lower Upper
240 100
120 9.7 8.3 12.5
236 26.4 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

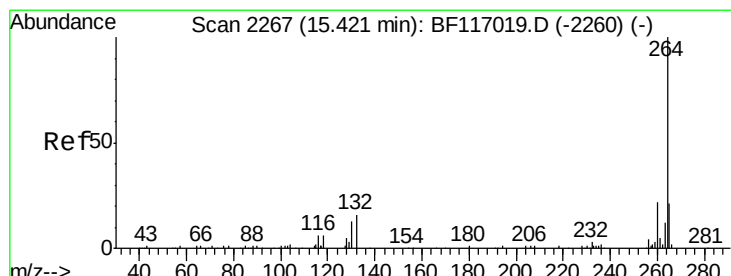
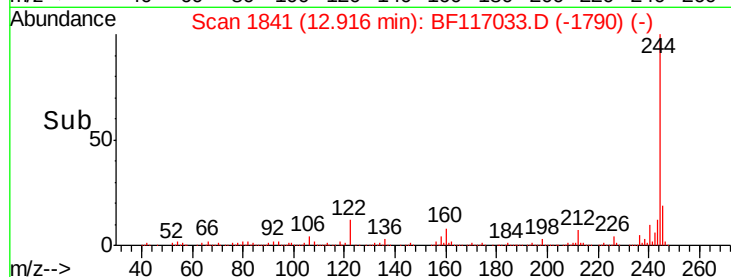
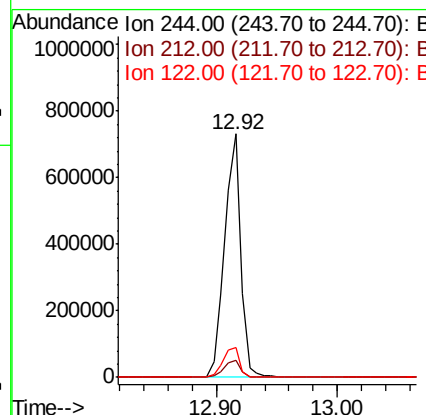
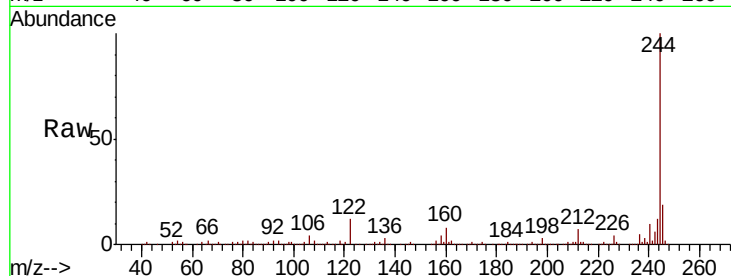




#79
 Terphenyl-d14
 Concen: 73.153 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117033.D
 Acq: 13 Sep 2019 20:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-3D-(9-10)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.0	11.3	16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117033.D
 Acq: 13 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.6	26.4
265	20.7	16.6	24.8

