

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 :
 SB-3C-(9-10)

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

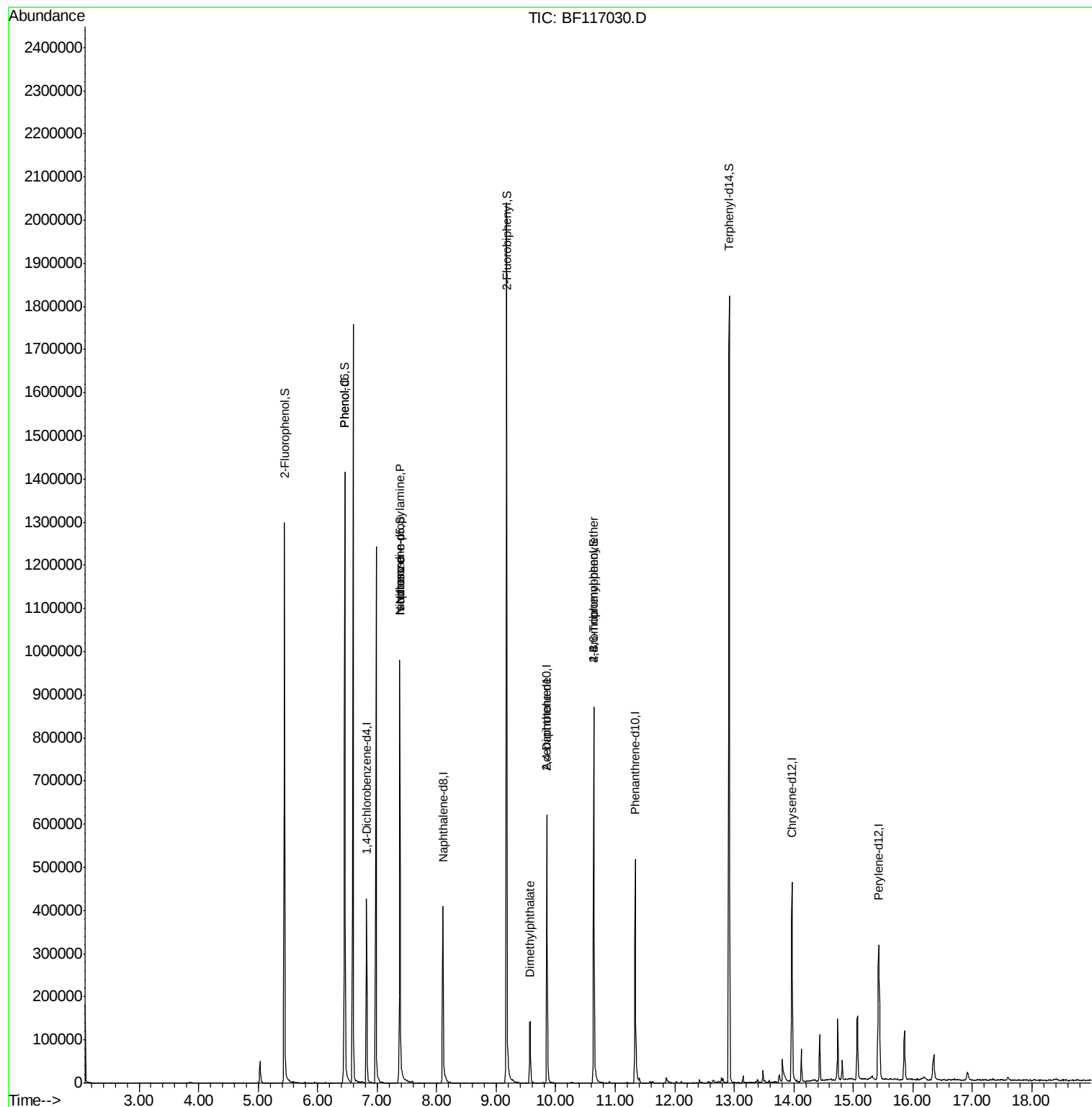
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	64503	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	255719	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	132970	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	224365	20.00	ng	0.00
76) Chrysene-d12	13.97	240	173202	20.00	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	# 1
10) Phenol	6.46	94	25640	4.356 ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	47687	14.667 ng	#	79
25) Isophorone	7.38	82	369423	42.870 ng	#	66
50) Dimethylphthalate	9.57	163	77546	8.236 ng	#	98
57) 2,4-Dinitrotoluene	9.85	165	16739	6.725 ng	#	18
67) 4-Bromophenyl-phenylether	10.64	248	7037	3.071 ng	#	1

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

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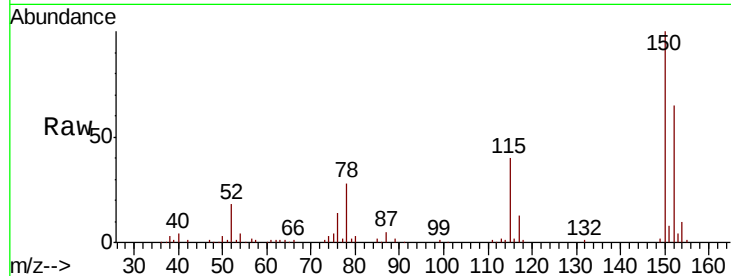


#1

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

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

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

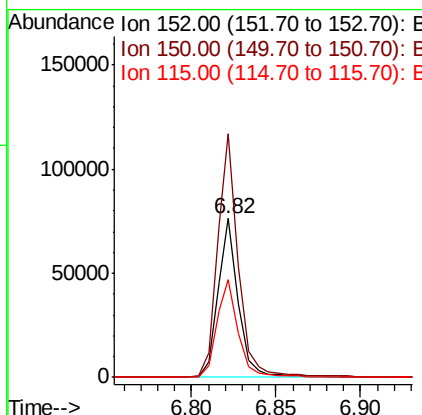
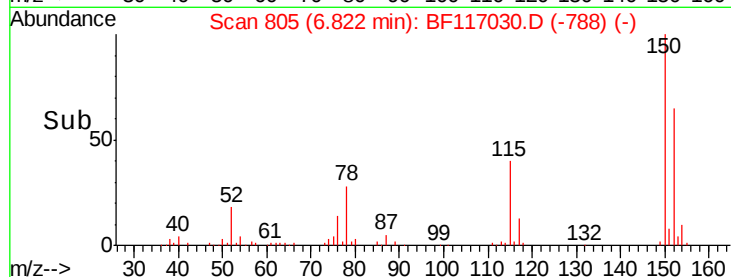


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

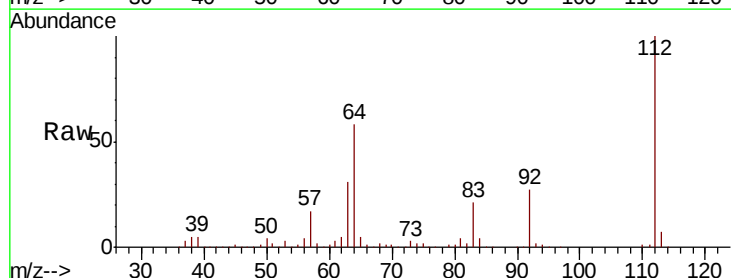
Ion 115.00 (114.70 to 115.70): E



#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	Ratio	Lower	Upper
112	100		
64	58.1	45.7	68.5
63	31.1	24.9	37.3

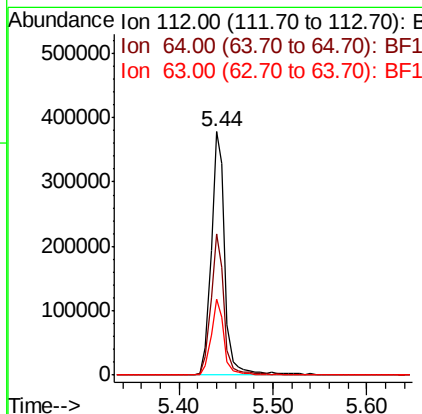
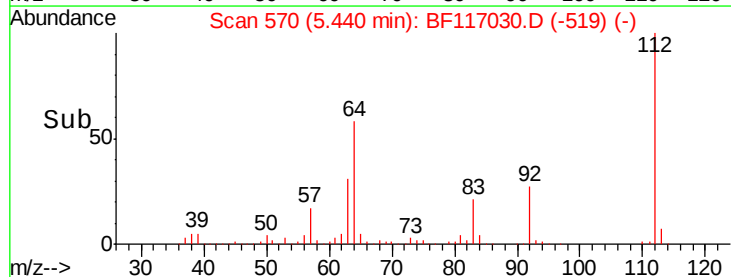


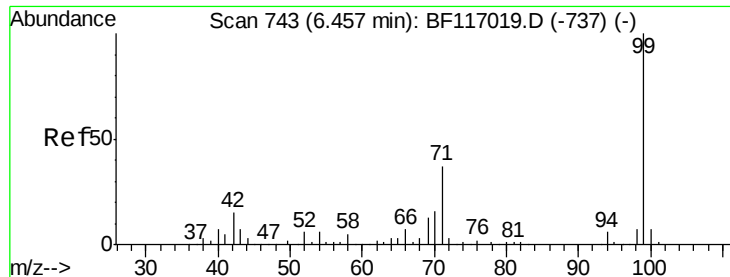
Abundance

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 :

SB-3C-(9-10)

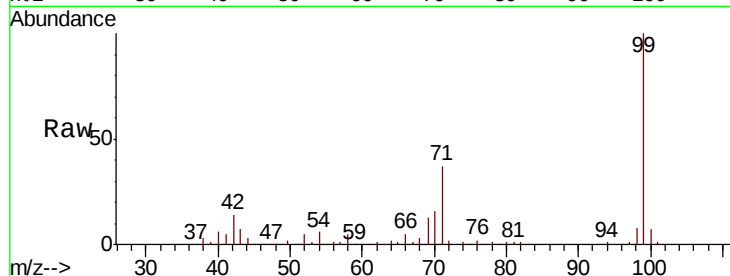
Tot Ion: 99 Resp: 579209

Ion Ratio Lower Upper

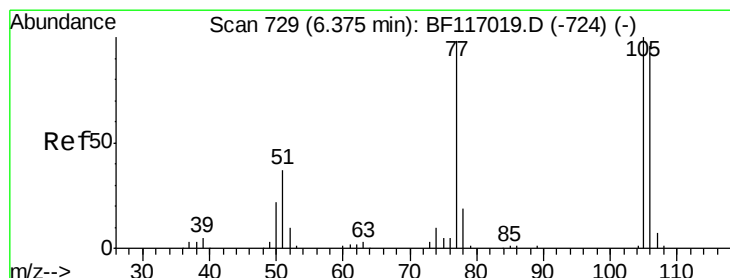
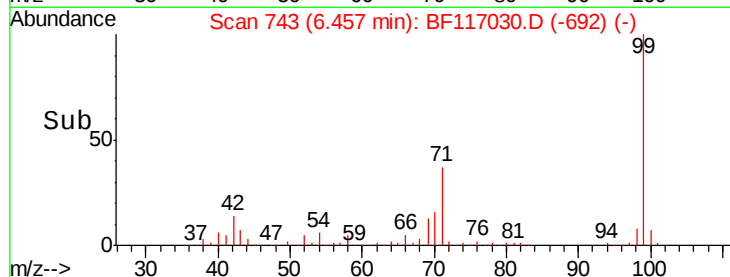
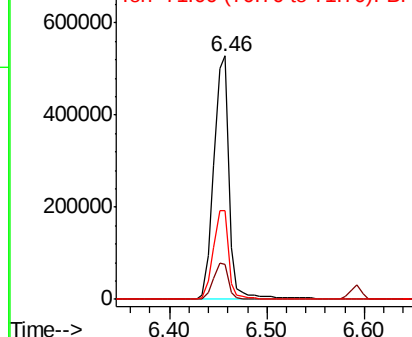
99 100

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

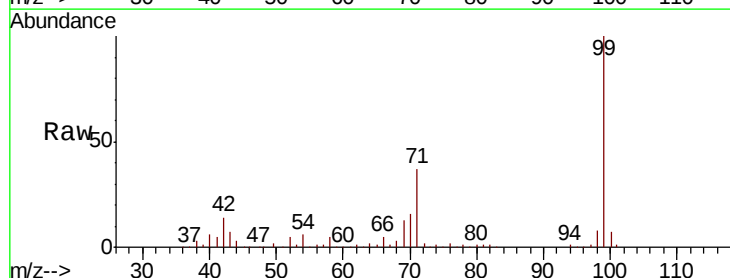
Tgt Ion: 77 Resp: 1089

Ion Ratio Lower Upper

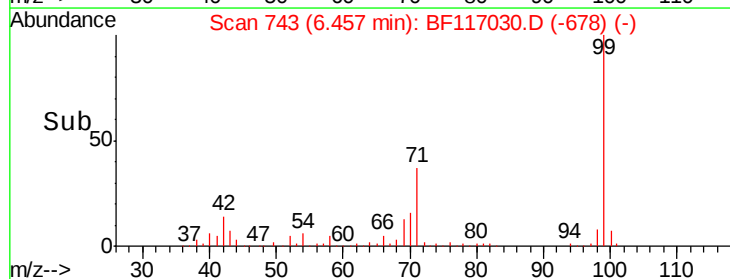
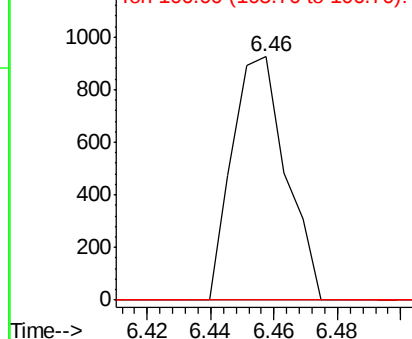
77 100

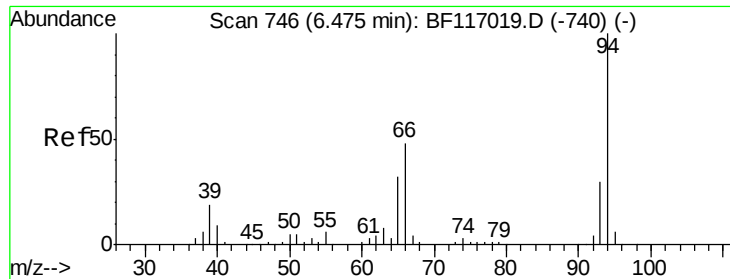
105 0.0 81.8 121.8#

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

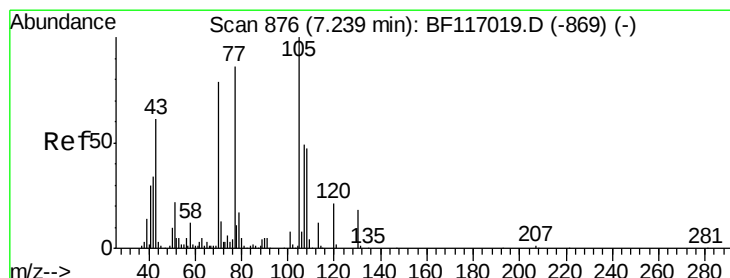
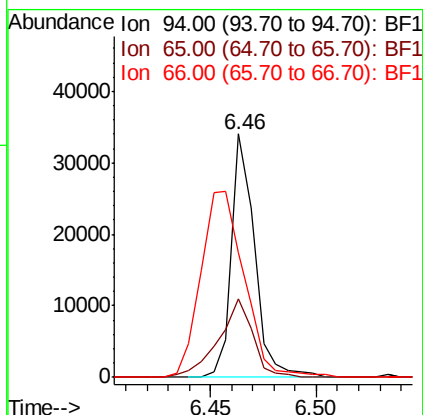
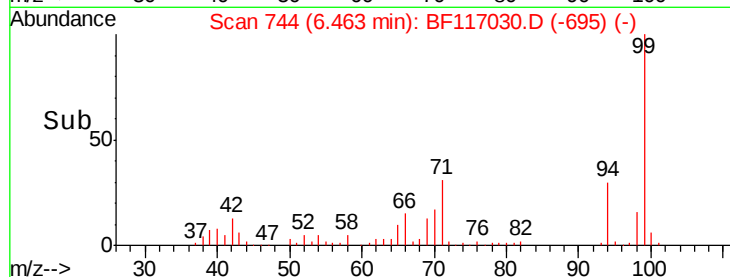
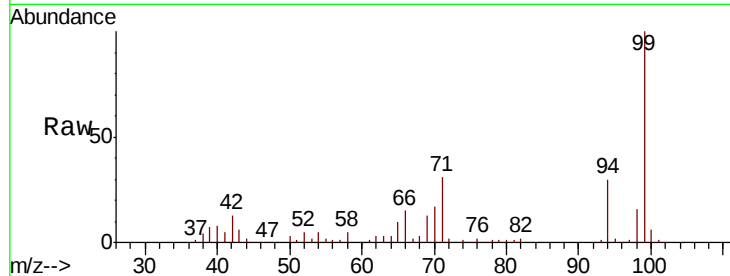




#10
Phenol
Concen: 4.356 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF117030.D
Acq: 13 Sep 2019 18:52

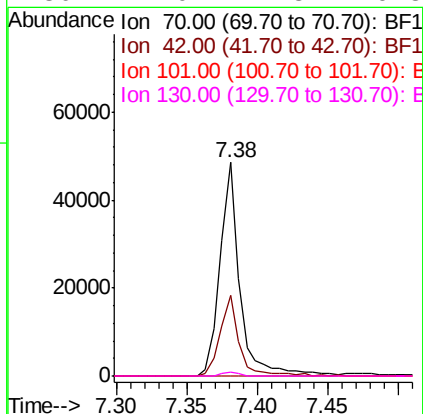
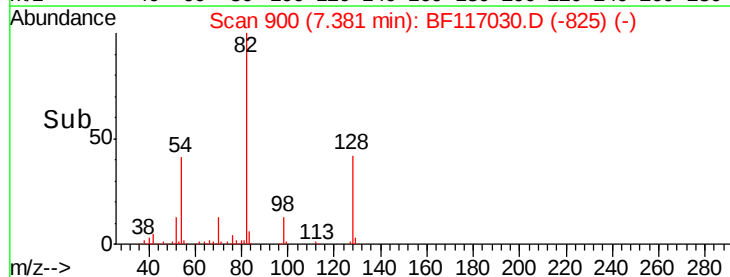
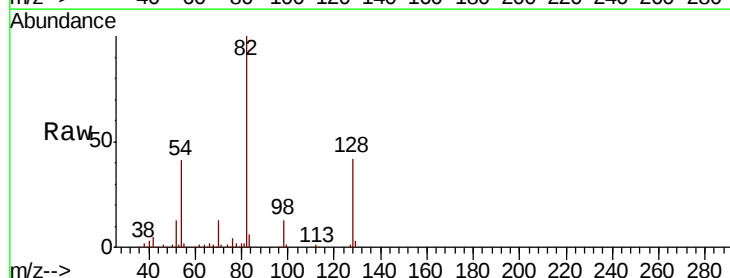
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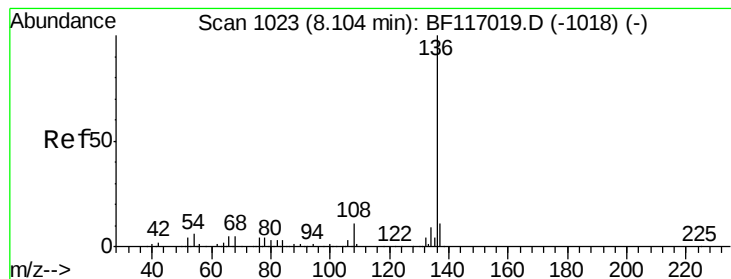
Tot Ion: 94 Resp: 25640
Ion Ratio Lower Upper
94 100
65 32.0 12.5 52.5
66 51.0 28.9 68.9



#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#





#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 :

SB-3C-(9-10)

Tot Ion:136 Resp: 255719

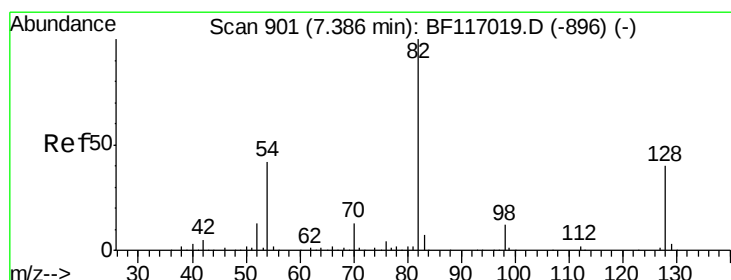
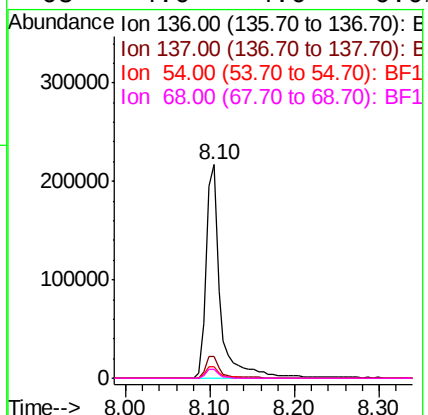
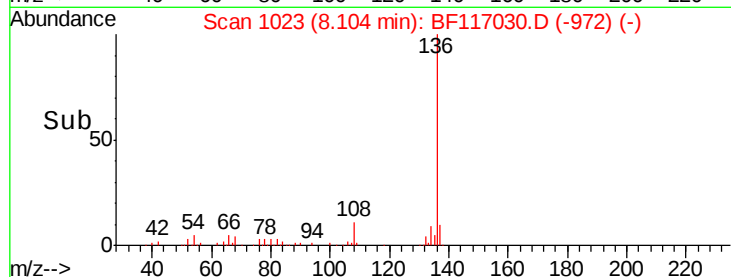
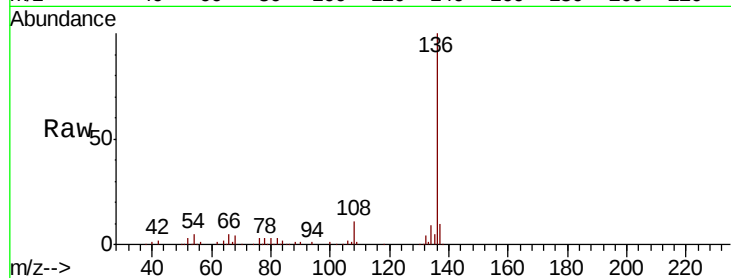
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 5.2 4.5 6.7

68 4.0 4.0 6.0#



#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

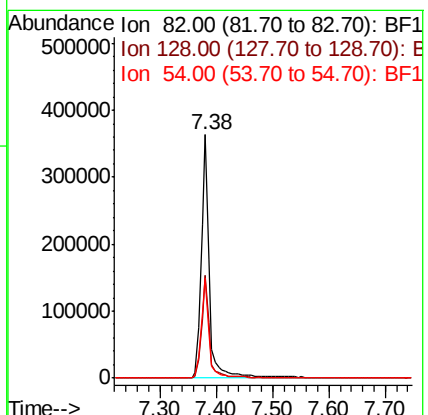
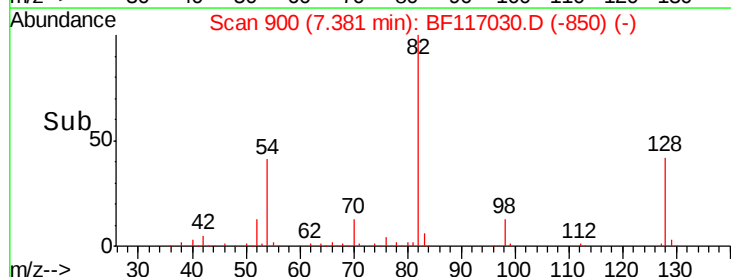
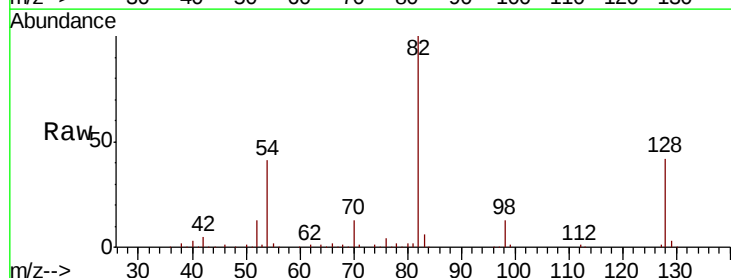
Tgt Ion: 82 Resp: 369425

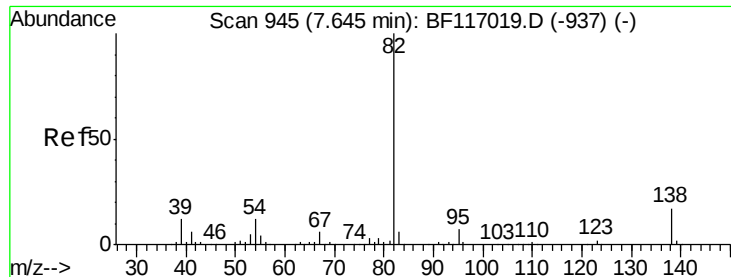
Ion Ratio Lower Upper

82 100

128 42.2 32.3 48.5

54 41.3 33.3 49.9





#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

ClientSampleId :

SB-3C-(9-10)

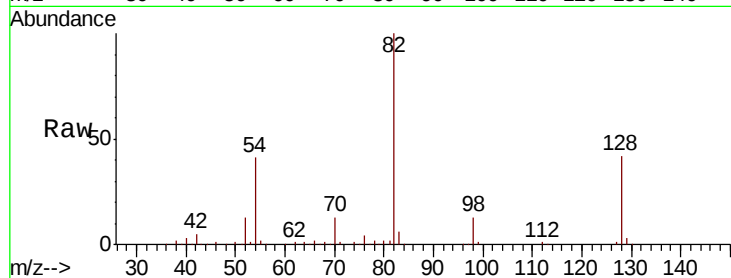
Tot Ion: 82 Resp: 369423

Ion Ratio Lower Upper

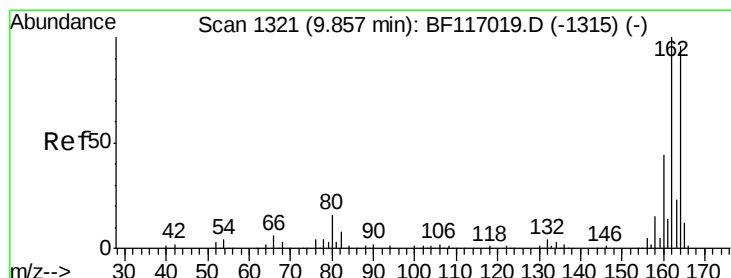
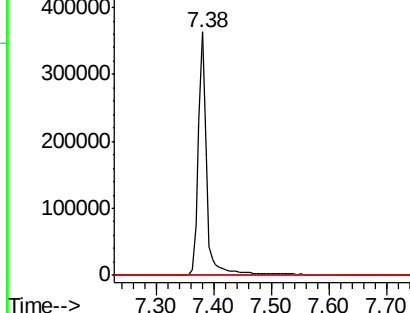
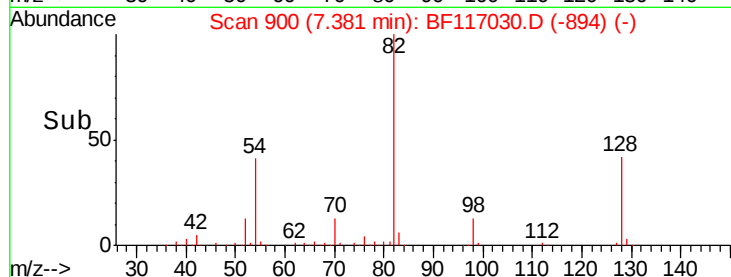
82 100

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

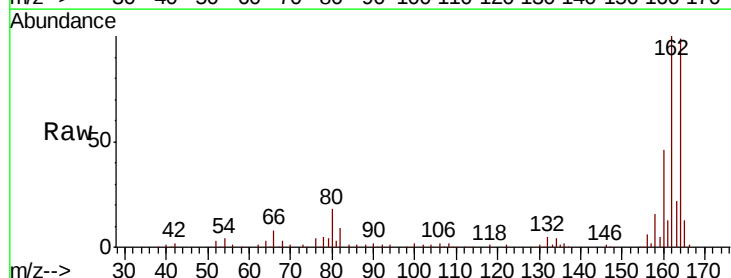
Tgt Ion: 164 Resp: 132970

Ion Ratio Lower Upper

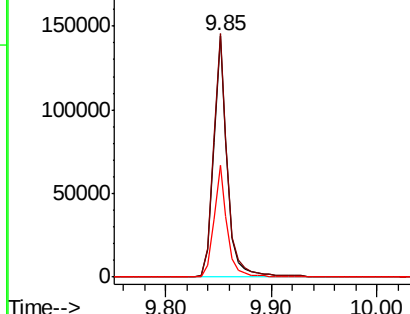
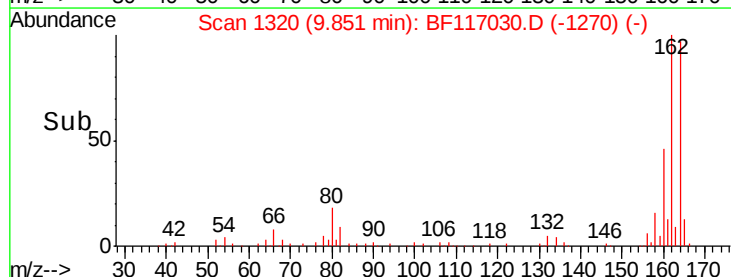
164 100

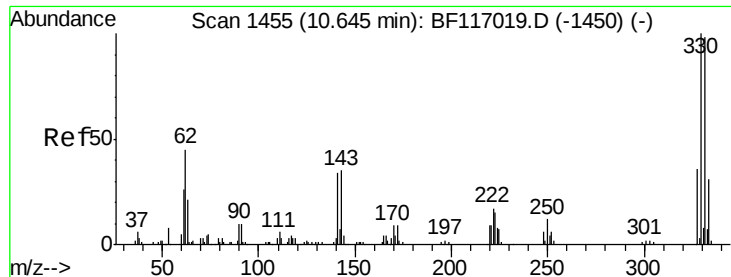
162 100.9 83.4 125.2

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

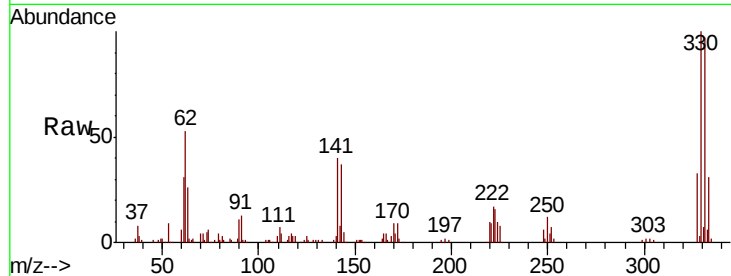




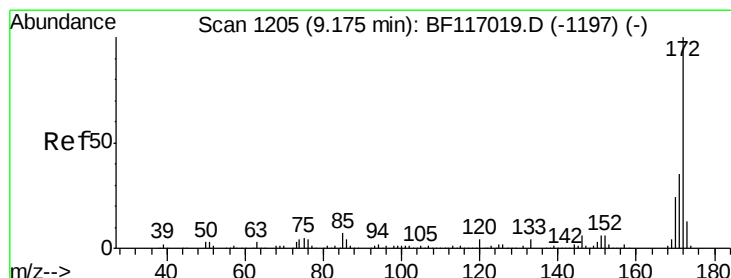
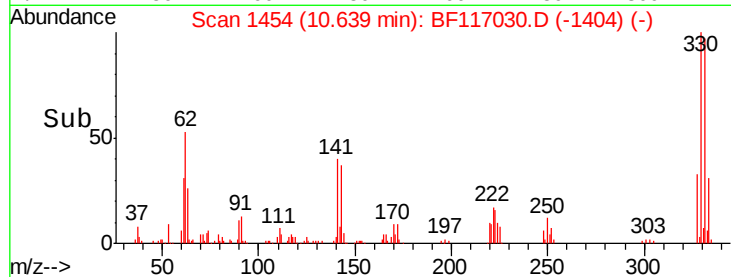
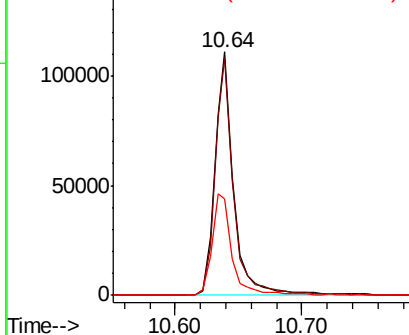
#42
 2,4,6-Tribromophenol
 Concen: 103.842 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117030.D
 Acq: 13 Sep 2019 18:52

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

Tot Ion:330 Resp: 115402
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.0 117.0
 141 45.0 35.8 53.6

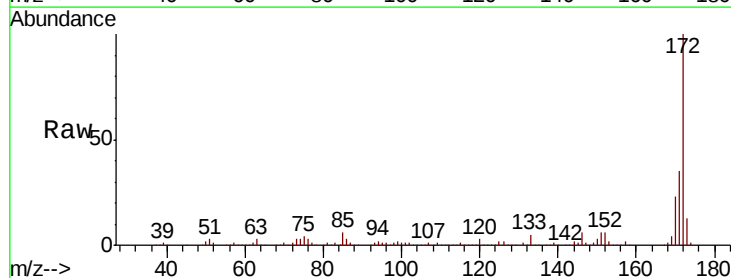


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

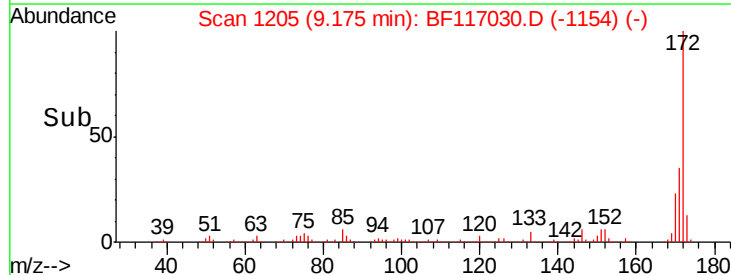
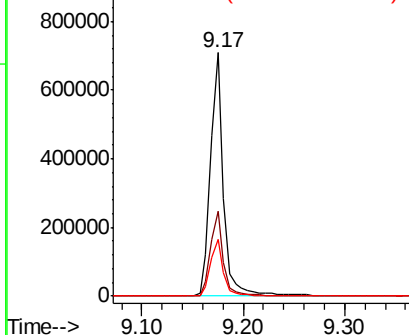


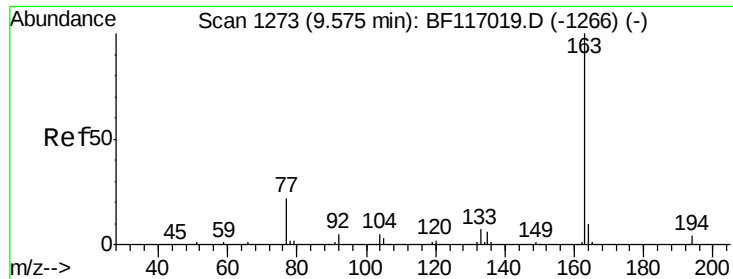
#45
 2-Fluorobiphenyl
 Concen: 75.130 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117030.D
 Acq: 13 Sep 2019 18:52

Tgt Ion:172 Resp: 638926
 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

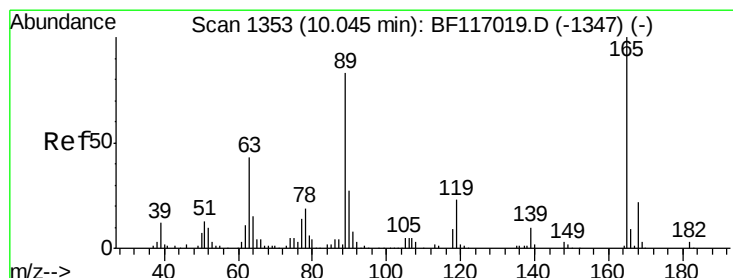
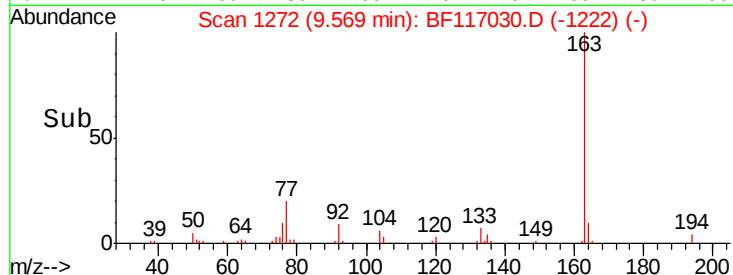
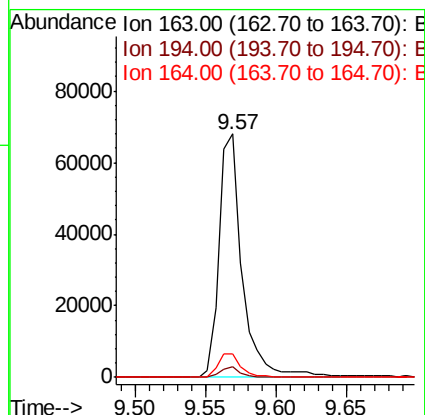
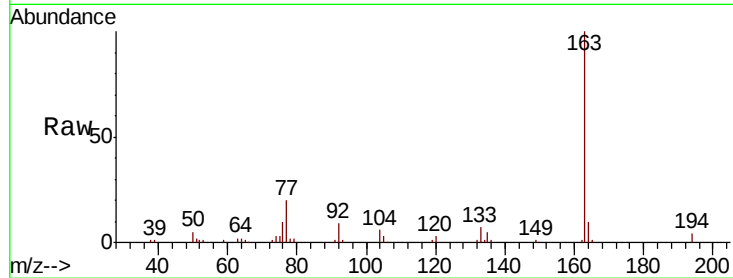




#50
Dimethylphthalate
Concen: 8.236 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117030.D
Acq: 13 Sep 2019 18:52

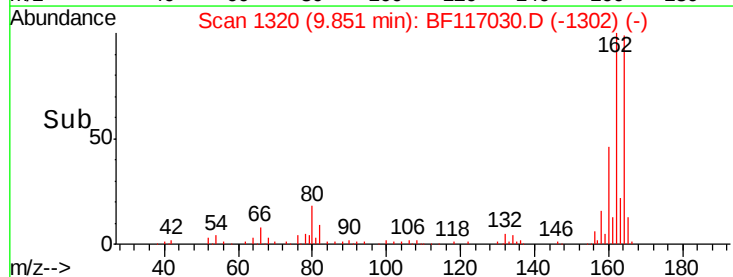
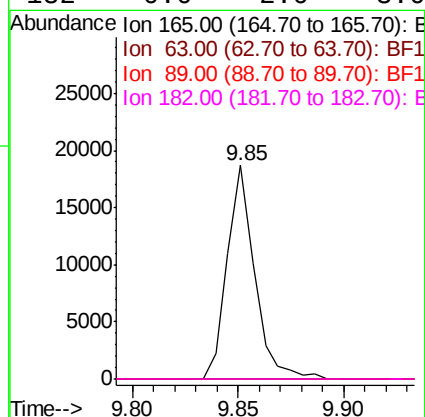
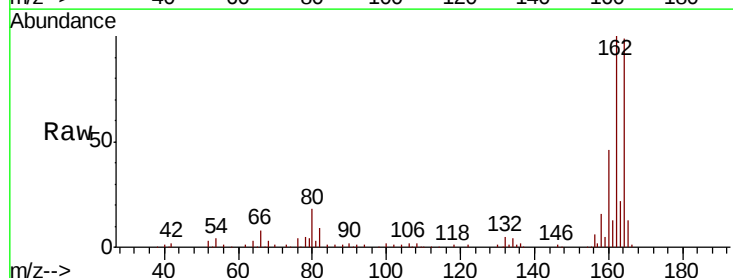
Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)

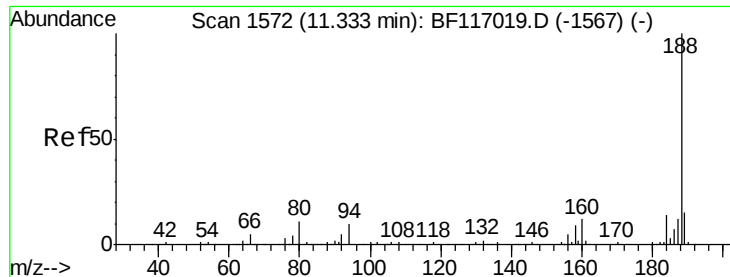
Tot Ion:163 Resp: 77546
Ion Ratio Lower Upper
163 100
194 4.3 2.9 4.3#
164 9.5 8.2 12.4



#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#

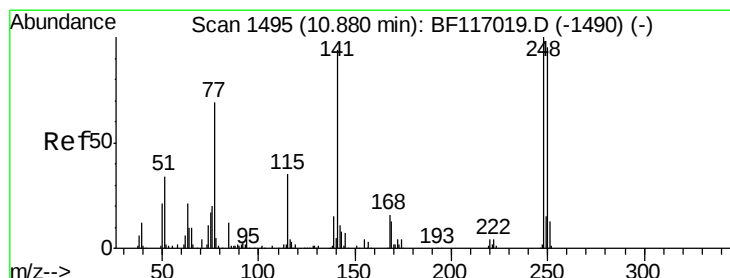
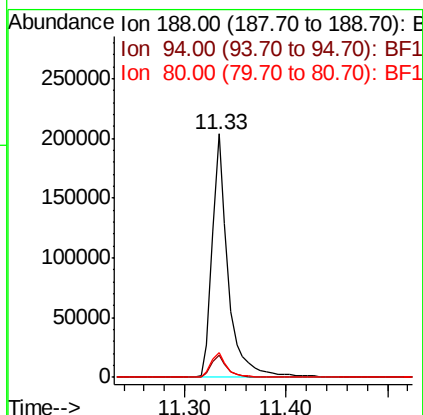
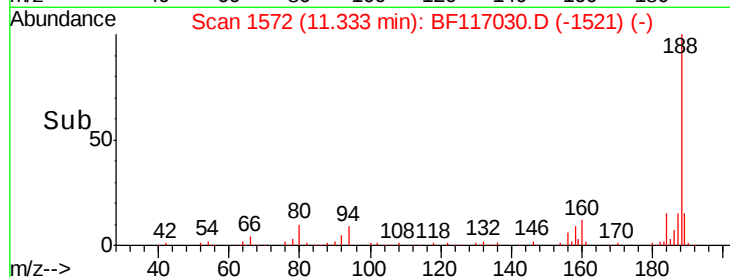
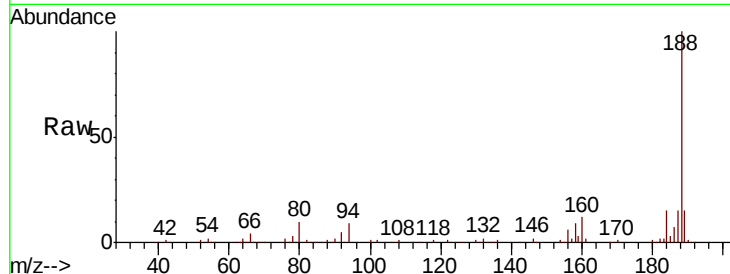




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117030.D
Acq: 13 Sep 2019 18:52

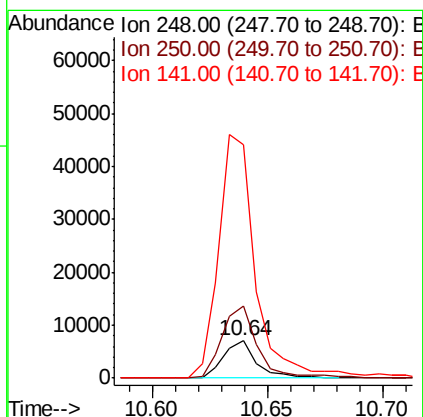
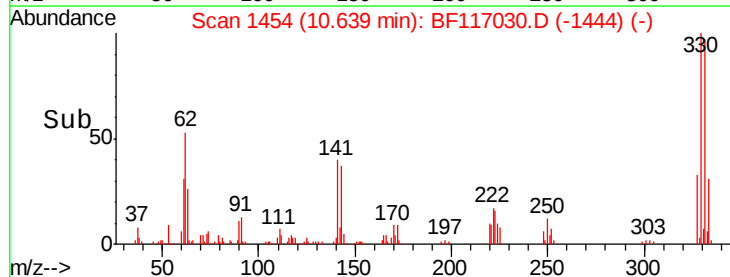
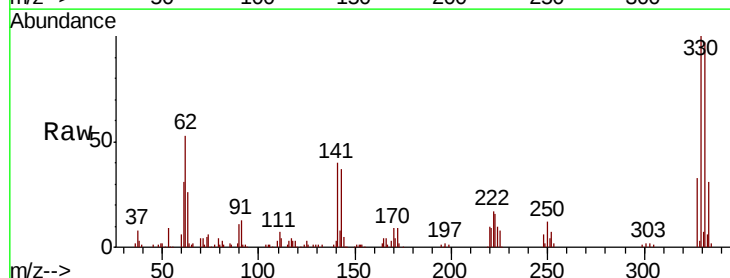
Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)

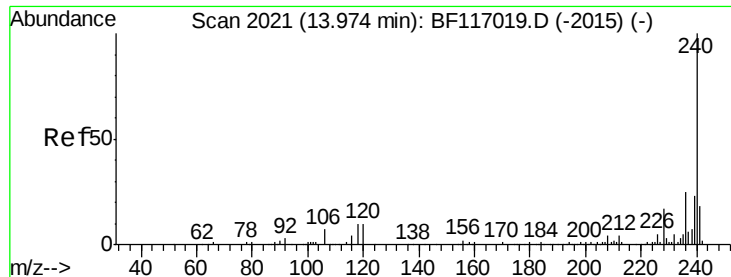
Tot Ion:188 Resp: 224365
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 10.2 9.0 13.6



#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#

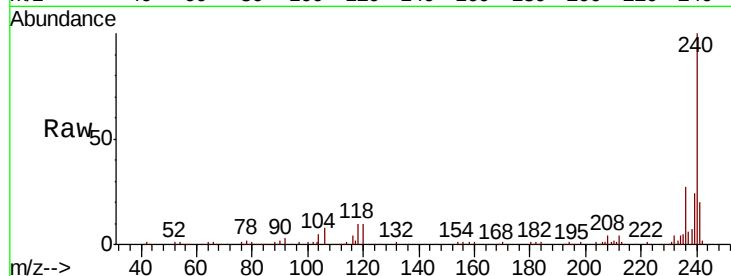




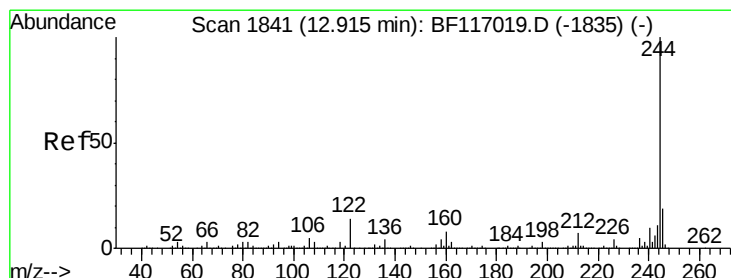
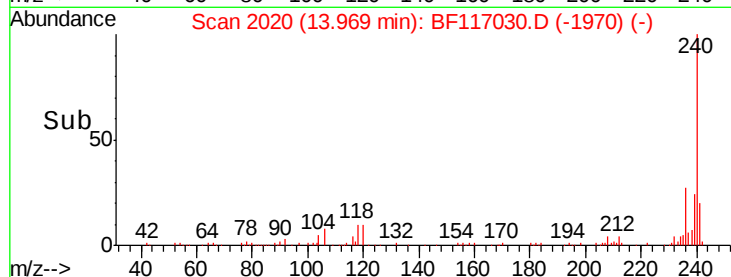
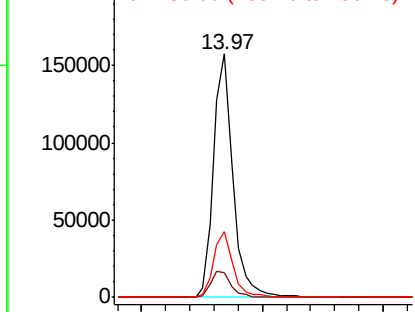
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117030.D
Acq: 13 Sep 2019 18:52

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

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

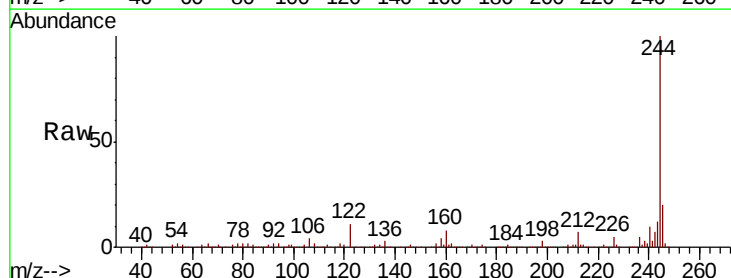


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

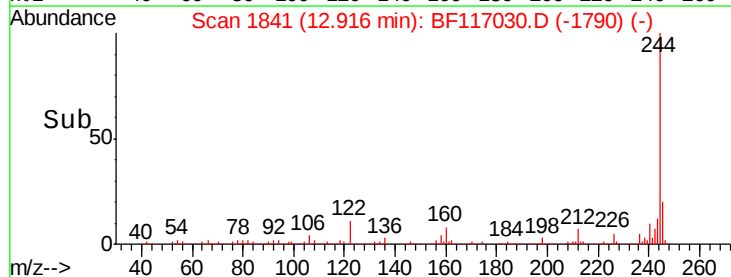
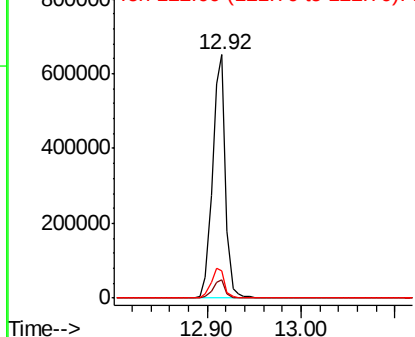


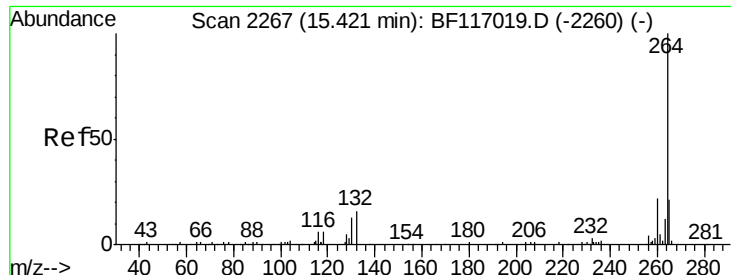
#79
Terphenyl-d14
Concen: 68.390 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117030.D
Acq: 13 Sep 2019 18:52

Tgt Ion	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

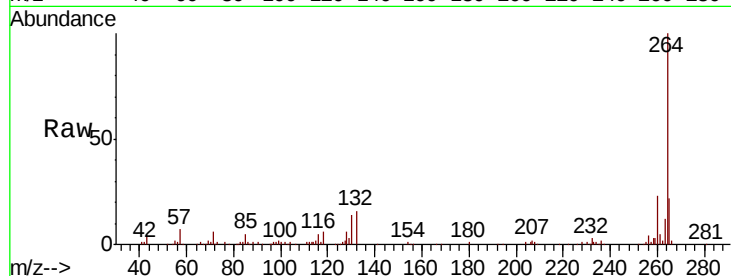




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BF117030.D
 Acq: 13 Sep 2019 18:52

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

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

