

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117763.D
 Acq On : 12 Nov 2019 16:55
 Operator : JU
 Sample : K5789-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16B-D

Quant Time: Nov 13 01:12:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 13:32:26 2019
 Response via : Initial Calibration

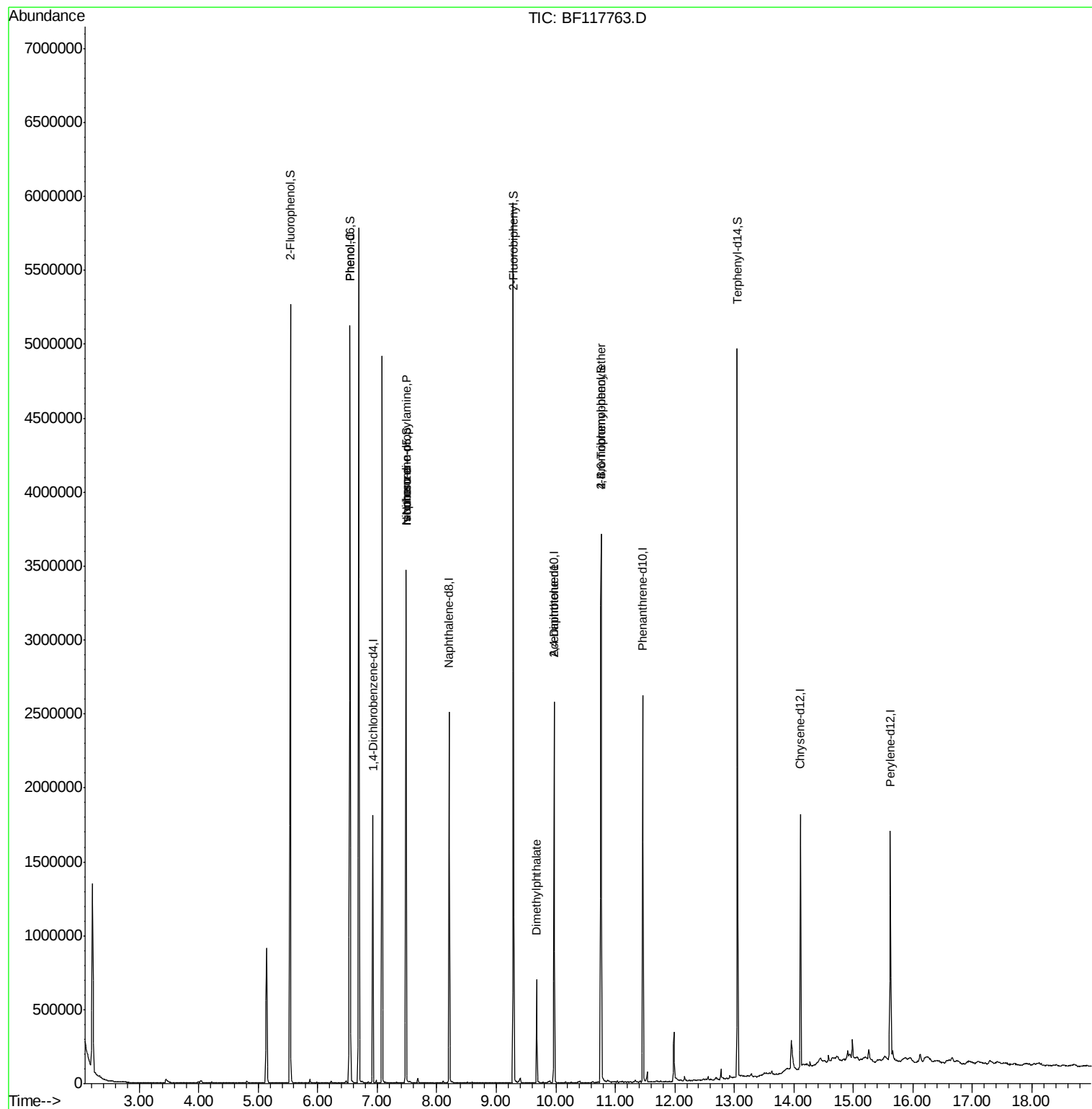
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	277714	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1056025	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	528029	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	878167	20.00	ng	0.00
76) Chrysene-d12	14.11	240	555645	20.00	ng	-0.01
87) Perylene-d12	15.62	264	706735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1456436	94.93	ng	0.00
7) Phenol-d6	6.55	99	1798902	95.09	ng	0.00
23) Nitrobenzene-d5	7.49	82	1101916	61.60	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	462284	89.50	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	1964309	73.40	ng	0.00
79) Terphenyl-d14	13.06	244	1771167	65.62	ng	0.00
Target Compounds						
10) Phenol	6.55	94	96120	4.715	ng	78
19) n-Nitroso-di-n-propylamine	7.49	70	150878	12.130	ng	# 74
25) Isophorone	7.49	82	1098264	32.103	ng	# 62
50) Dimethylphthalate	9.68	163	244701	6.855	ng	98
57) 2,4-Dinitrotoluene	9.97	165	69503	6.778	ng	# 24
67) 4-Bromophenyl-phenylether	10.76	248	28754	2.998	ng	# 1

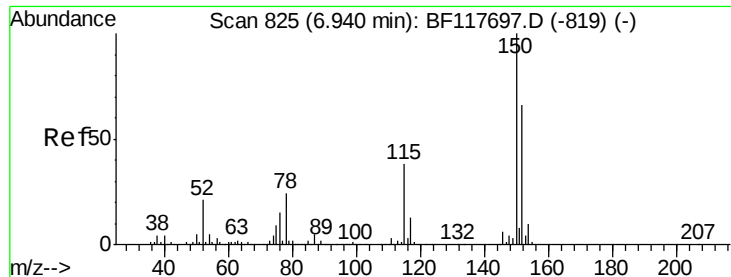
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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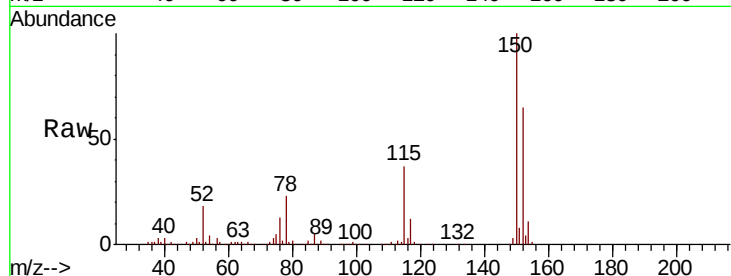


#1

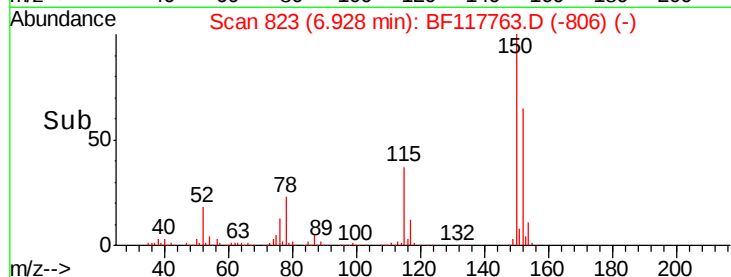
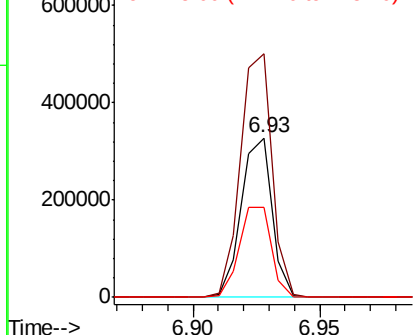
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF117763.D
Acq: 12 Nov 2019 16:55

Instrument :
BNA_F
ClientSampleId :
TP-16B-D

Tot Ion:152 Resp: 277714
Ion Ratio Lower Upper
152 100
150 153.0 126.6 190.0
115 56.8 47.6 71.4



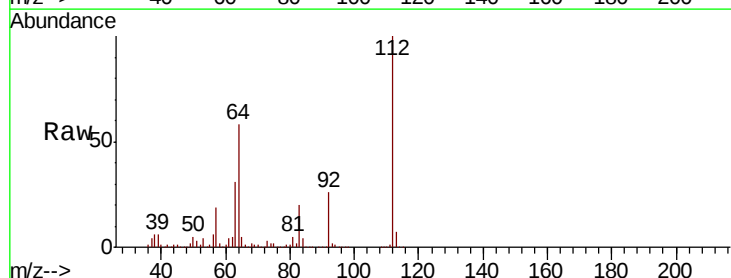
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



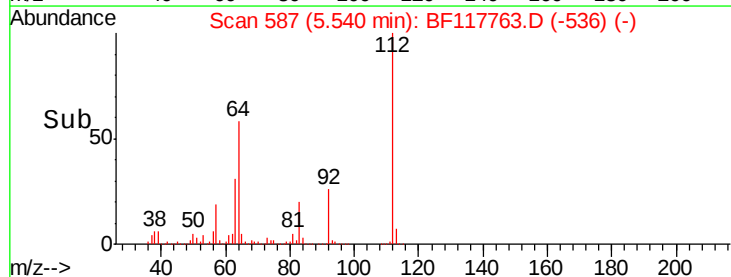
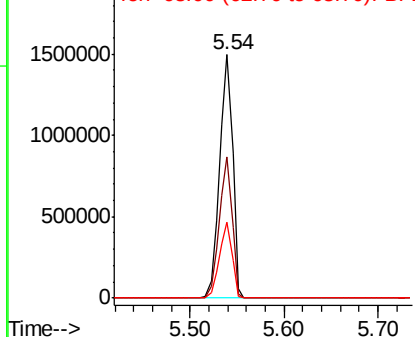
#5

2-Fluorophenol
Concen: 94.931 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF117763.D
Acq: 12 Nov 2019 16:55

Tgt Ion:112 Resp: 1456436
Ion Ratio Lower Upper
112 100
64 58.2 43.5 65.3
63 31.1 23.5 35.3



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: 95.094 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF117763.D

Acq: 12 Nov 2019 16:55

Instrument :

BNA_F

ClientSampleId :

TP-16B-D

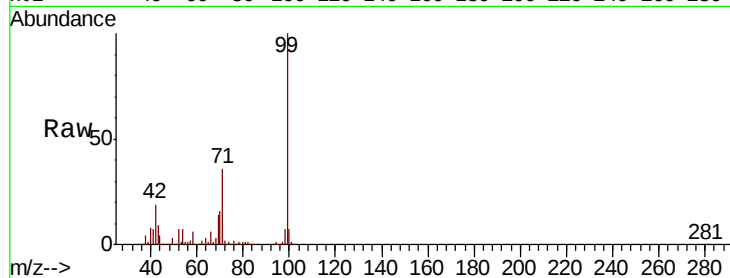
Tot Ion: 99 Resp: 1798902

Ion Ratio Lower Upper

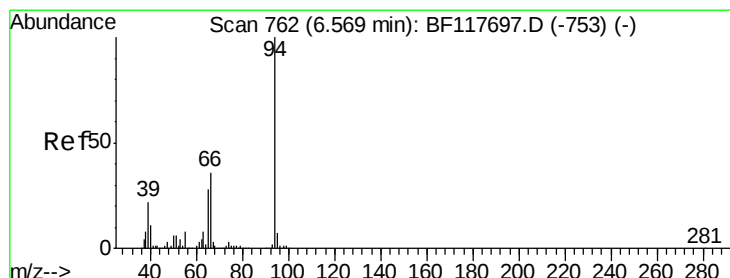
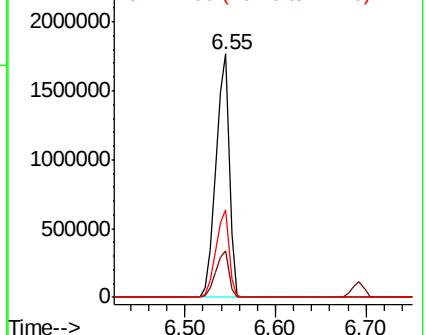
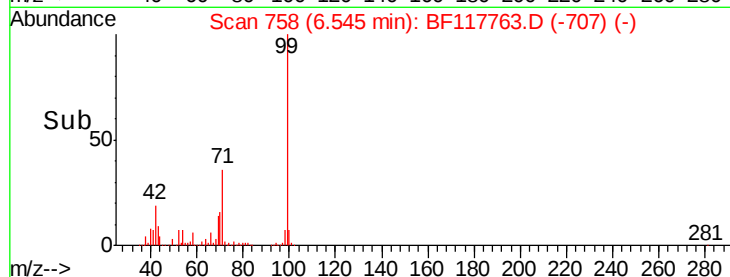
99 100

42 19.1 15.3 22.9

71 36.1 28.2 42.2



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: 4.715 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117763.D

Acq: 12 Nov 2019 16:55

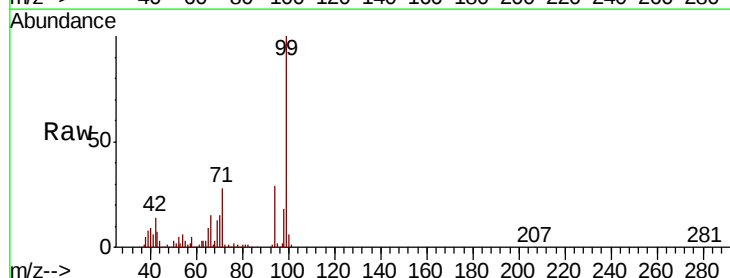
Tgt Ion: 94 Resp: 96120

Ion Ratio Lower Upper

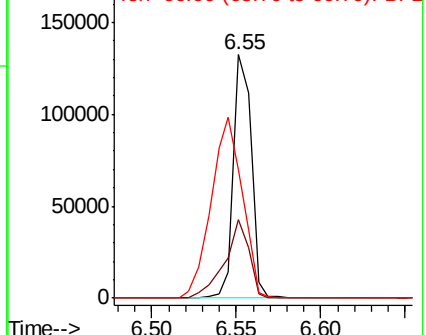
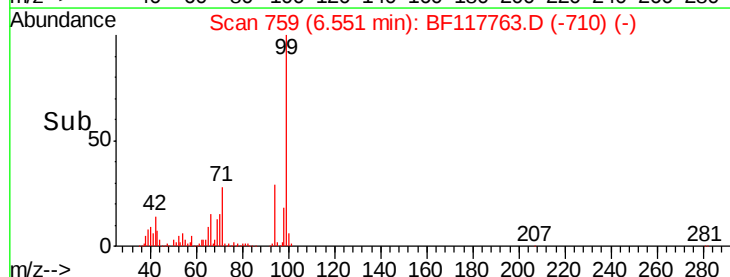
94 100

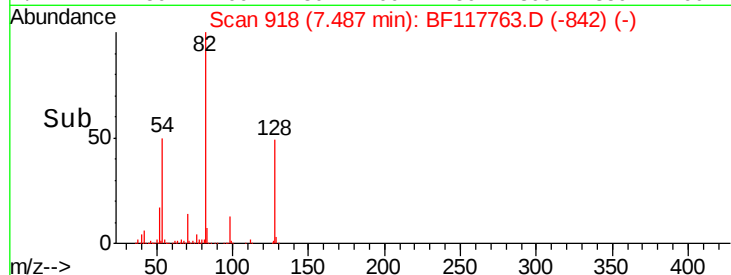
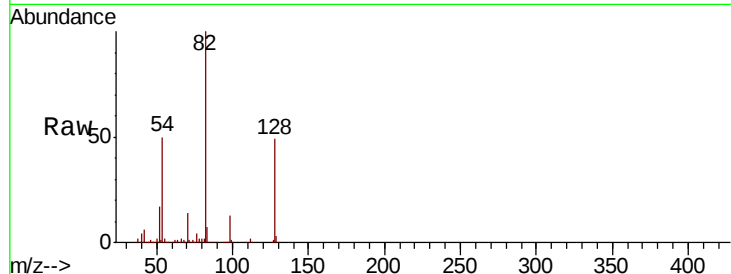
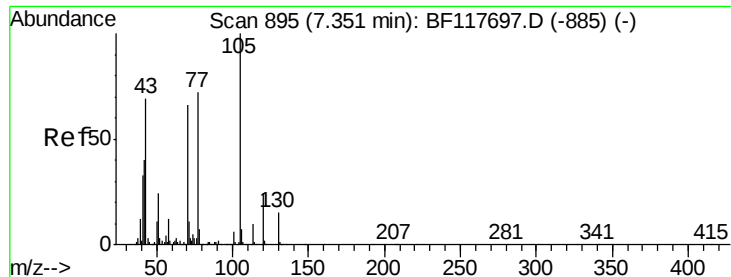
65 32.3 6.4 46.4

66 52.7 14.9 54.9



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

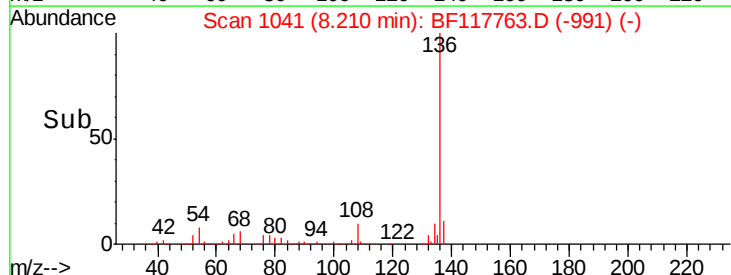
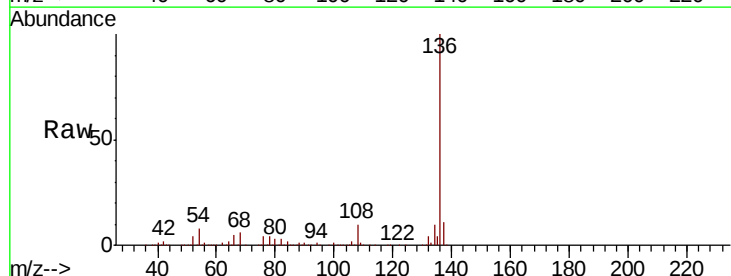
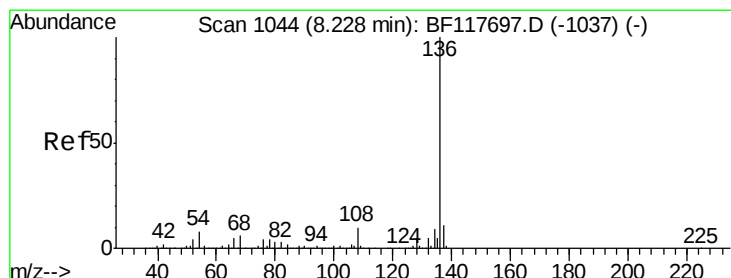
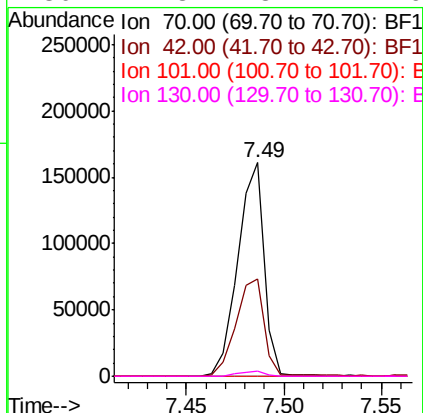




#19
n-Nitroso-di-n-propylamine
Concen: 12.130 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.15 min
Lab File: BF117763.D
Acq: 12 Nov 2019 16:55

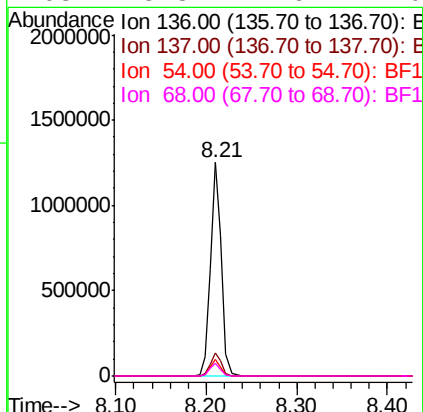
Instrument :
BNA_F
ClientSampled :
TP-16B-D

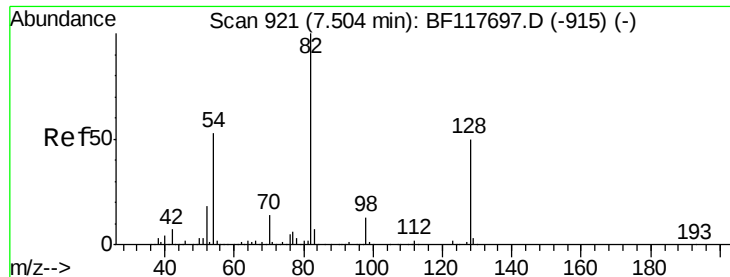
Tot Ion: 70 Resp: 150878
Ion Ratio Lower Upper
70 100
42 45.7 48.7 73.1#
101 0.0 8.4 12.6#
130 2.3 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117763.D
Acq: 12 Nov 2019 16:55

Tgt Ion: 136 Resp: 1056025
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.7 6.1 9.1
68 5.8 4.6 7.0

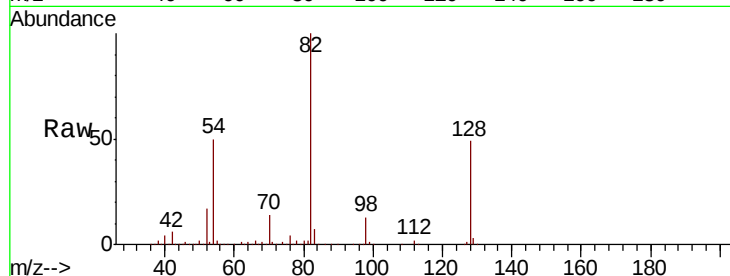




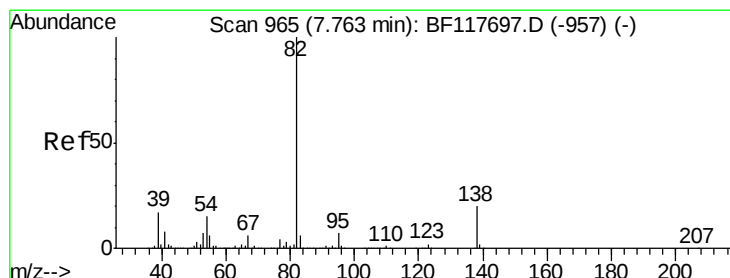
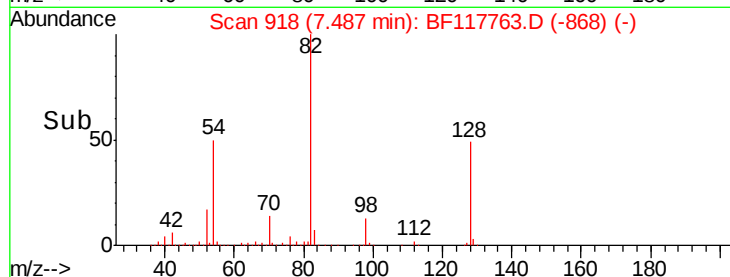
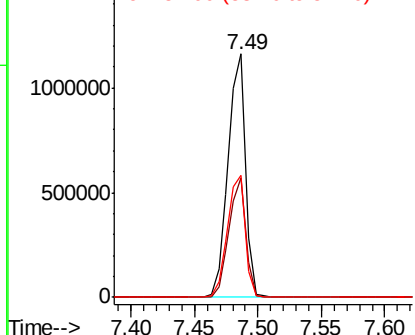
#23
Nitrobenzene-d5
Concen: 61.605 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117763.D
Acq: 12 Nov 2019 16:55

Instrument :
BNA_F
ClientSampleId :
TP-16B-D

Tot Ion: 82 Resp: 1101916
Ion Ratio Lower Upper
82 100
128 48.8 38.7 58.1
54 49.9 41.4 62.2

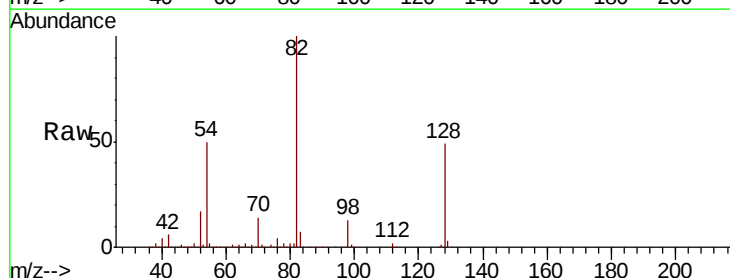


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

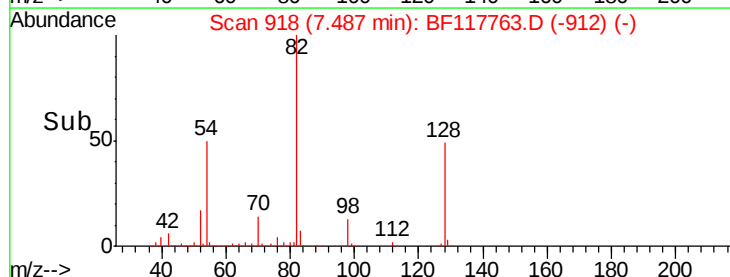
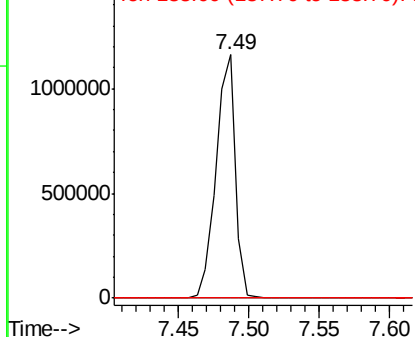


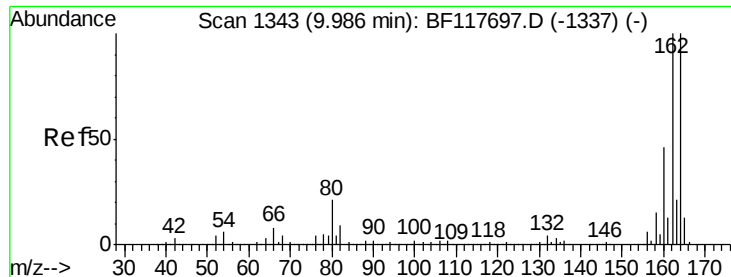
#25
Isophorone
Concen: 32.103 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.26 min
Lab File: BF117763.D
Acq: 12 Nov 2019 16:55

Tgt Ion: 82 Resp: 1098264
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 16.0 24.0#



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

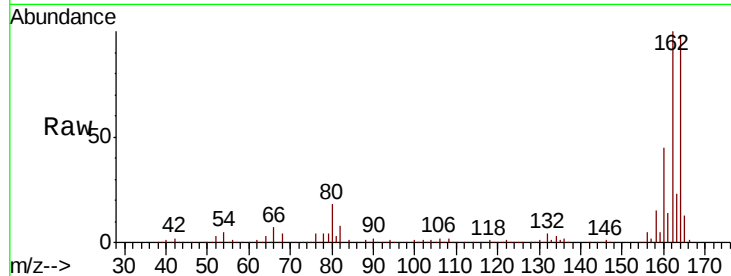




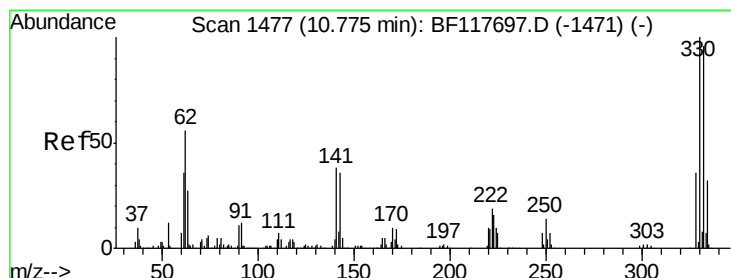
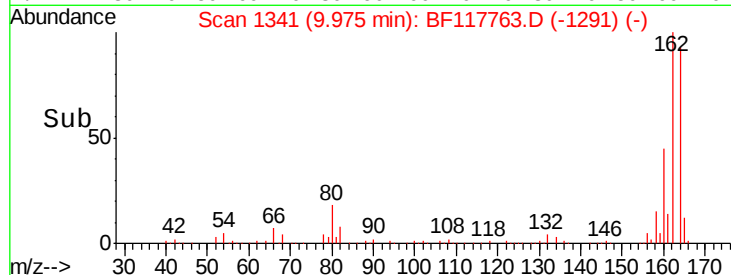
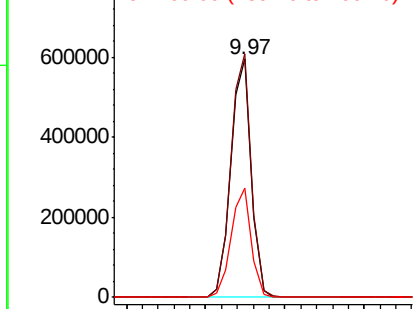
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117763.D
Acq: 12 Nov 2019 16:55

Instrument :
BNA_F
ClientSampleId :
TP-16B-D

Tot Ion:164 Resp: 528029
Ion Ratio Lower Upper
164 100
162 102.1 81.2 121.8
160 46.0 36.3 54.5

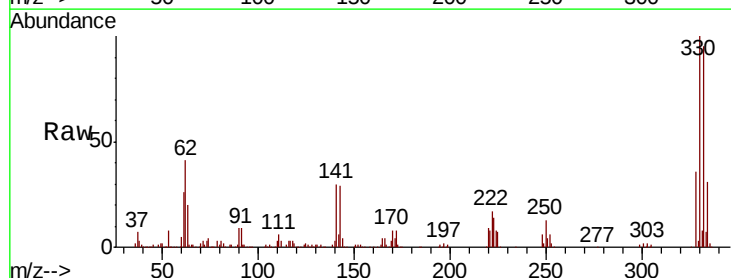


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

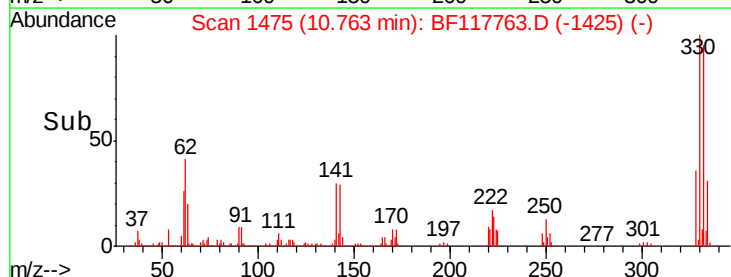
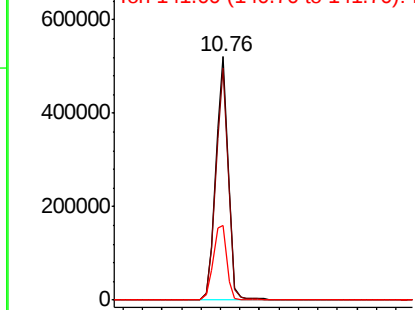


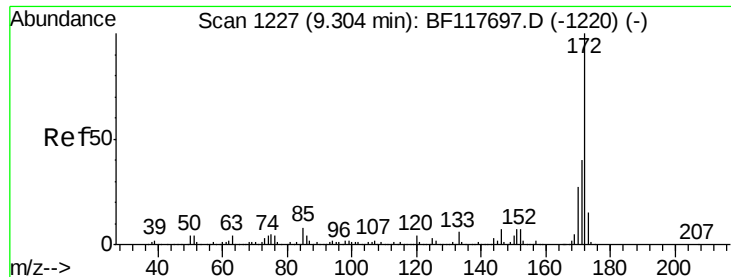
#42
2,4,6-Tribromophenol
Concen: 89.498 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF117763.D
Acq: 12 Nov 2019 16:55

Tgt Ion:330 Resp: 462284
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 33.5 26.5 39.7



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

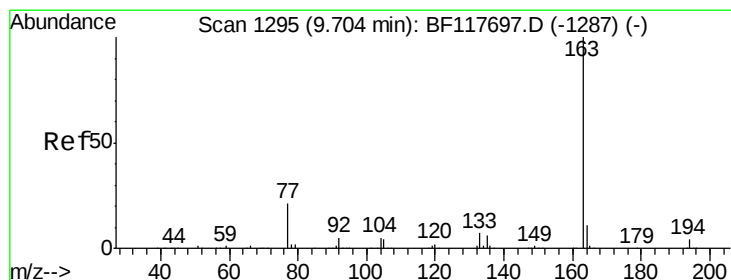
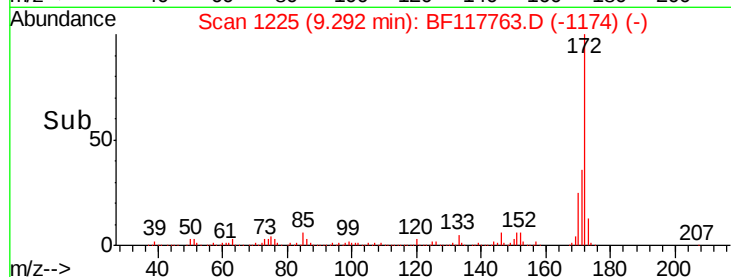
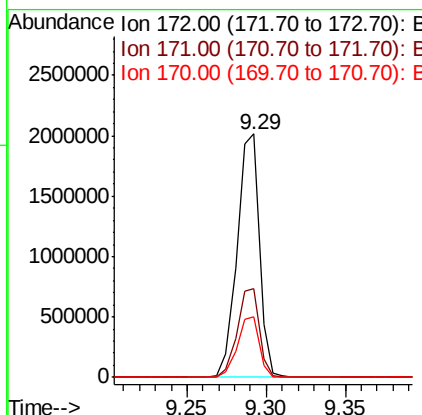
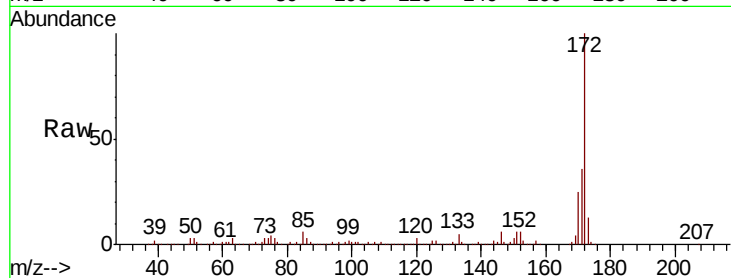




#45
2-Fluorobiphenyl
Concen: 73.398 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF117763.D
Acq: 12 Nov 2019 16:55

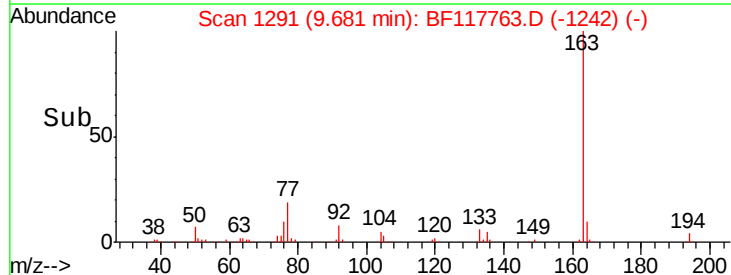
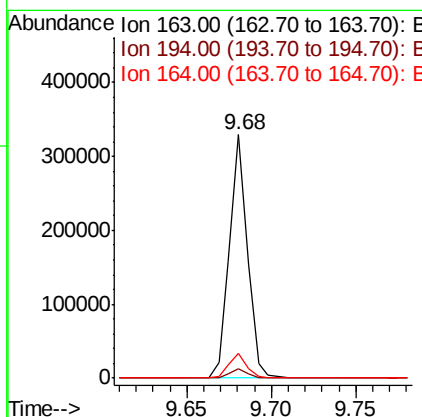
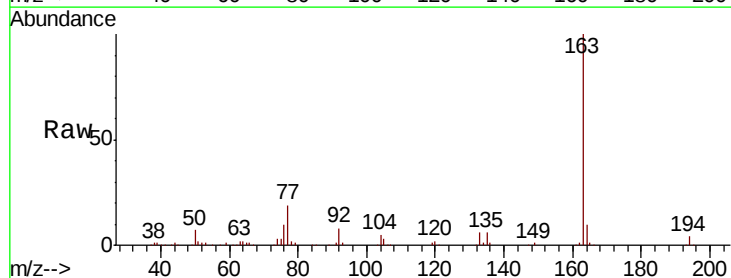
Instrument :
BNA_F
ClientSampled :
TP-16B-D

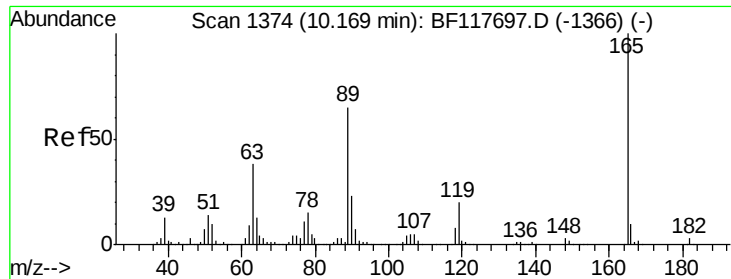
Tot Ion:172 Resp: 1964309
Ion Ratio Lower Upper
172 100
171 36.3 30.7 46.1
170 24.8 20.6 30.8



#50
Dimethylphthalate
Concen: 6.855 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF117763.D
Acq: 12 Nov 2019 16:55

Tgt Ion:163 Resp: 244701
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.9 8.6 13.0

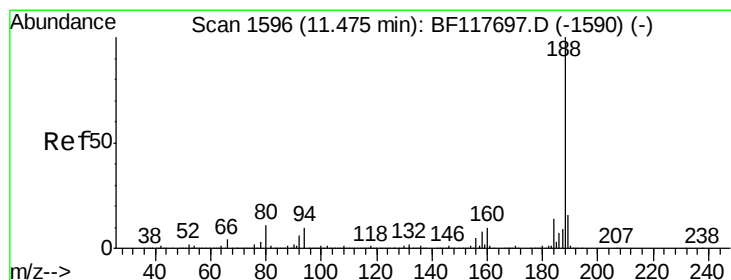
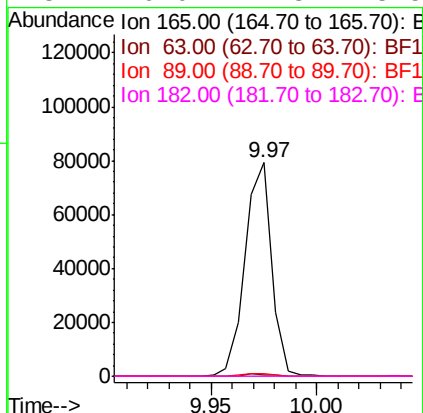
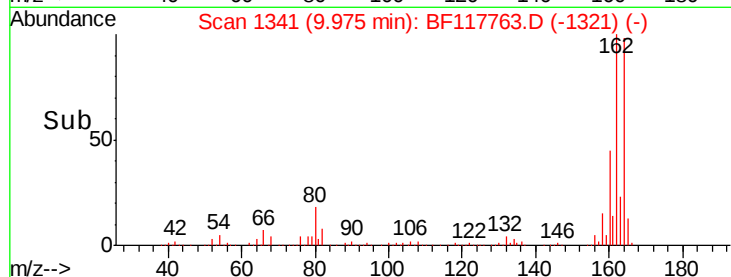
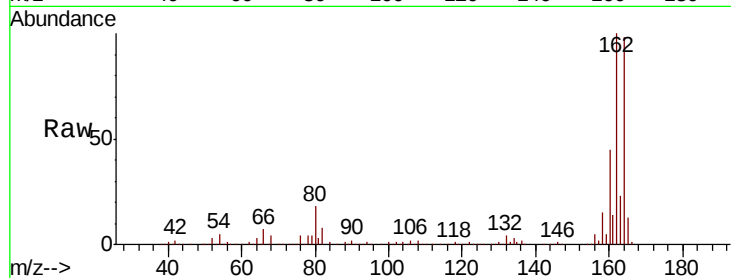




#57
 2,4-Dinitrotoluene
 Concen: 6.778 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.18 min
 Lab File: BF117763.D
 Acq: 12 Nov 2019 16:55

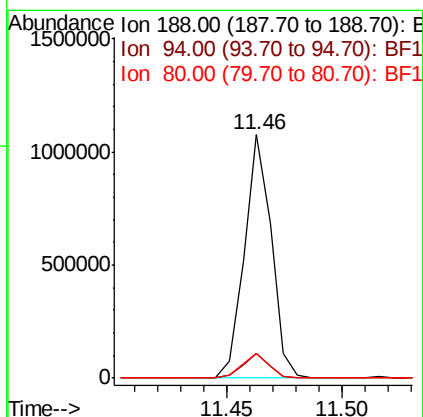
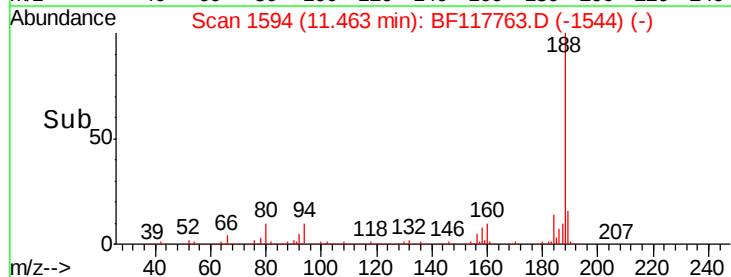
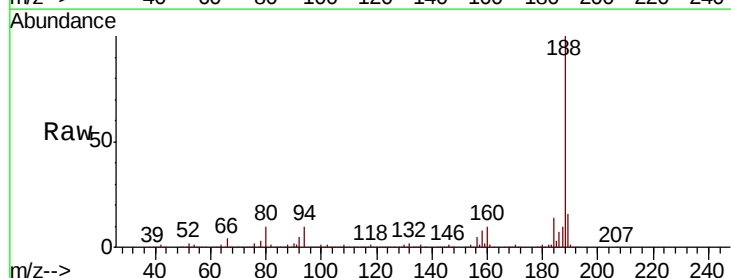
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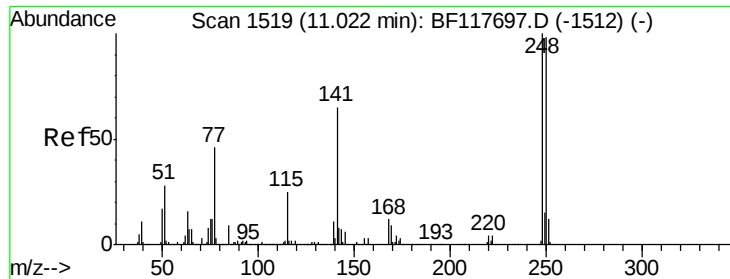
Tot Ion:165	Resp:	69503
Ion Ratio	Lower	Upper
165	100	
63	0.9	34.4 51.6#
89	1.0	57.8 86.8#
182	0.0	2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF117763.D
 Acq: 12 Nov 2019 16:55

Tgt Ion:188	Resp:	878167
Ion Ratio	Lower	Upper
188	100	
94	10.0	7.4 11.2
80	10.3	8.1 12.1





#67

4-Bromophenyl-phenylether

Concen: 2.998 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.25 min

Lab File: BF117763.D

Acq: 12 Nov 2019 16:55

Instrument :

BNA_F

ClientSampleId :

TP-16B-D

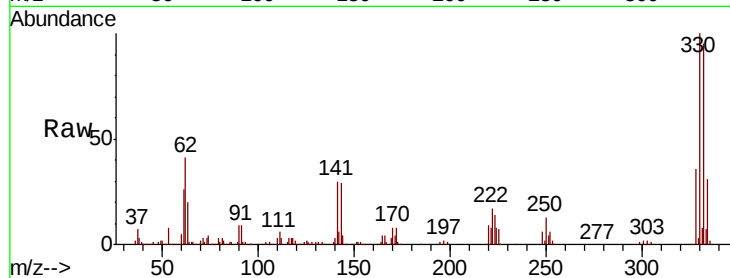
Tot Ion:248 Resp: 28754

Ion Ratio Lower Upper

248 100

250 203.2 77.8 116.6#

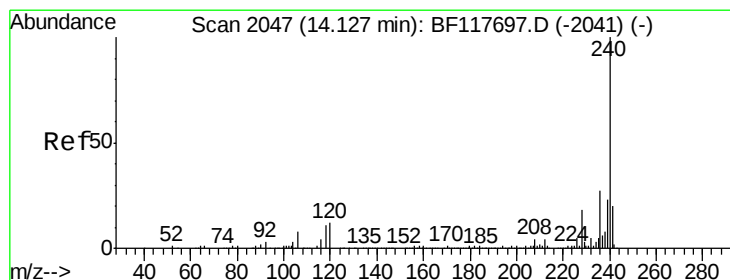
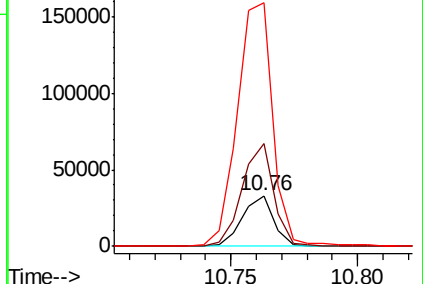
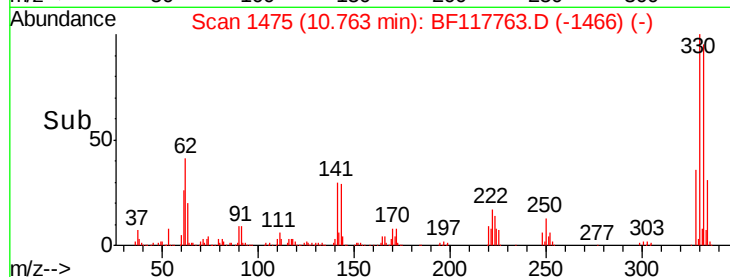
141 478.3 58.6 88.0#



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: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117763.D

Acq: 12 Nov 2019 16:55

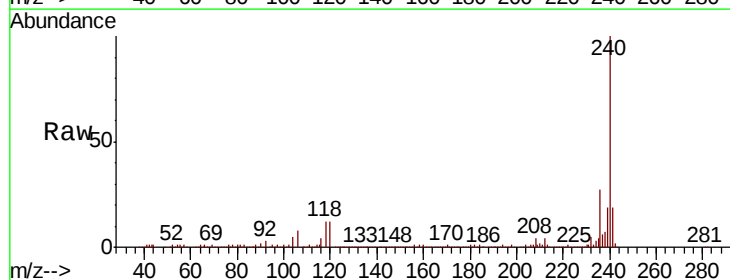
Tgt Ion:240 Resp: 555645

Ion Ratio Lower Upper

240 100

120 12.2 9.3 13.9

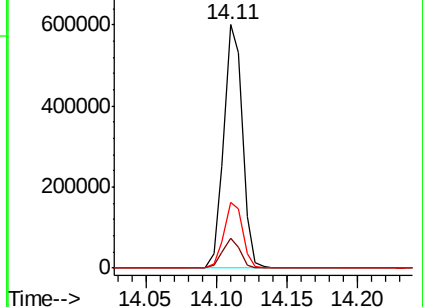
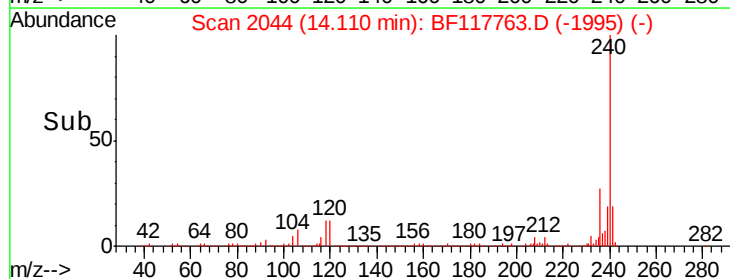
236 26.8 21.4 32.0

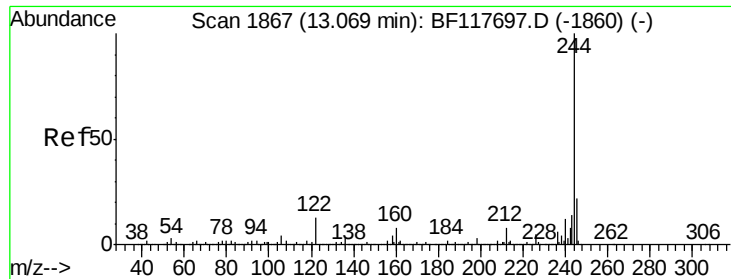


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.619 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF117763.D

Acq: 12 Nov 2019 16:55

Instrument :

BNA_F

ClientSampleId :

TP-16B-D

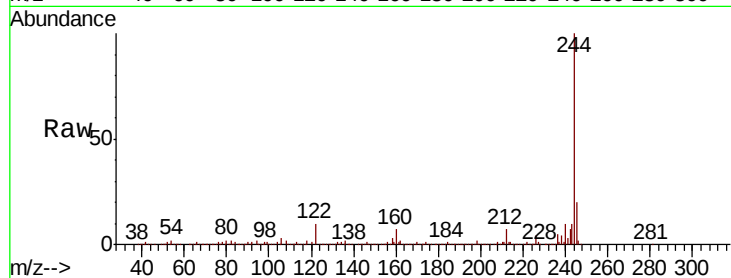
Tot Ion:244 Resp: 1771167

Ion Ratio Lower Upper

244 100

212 6.6 6.2 9.4

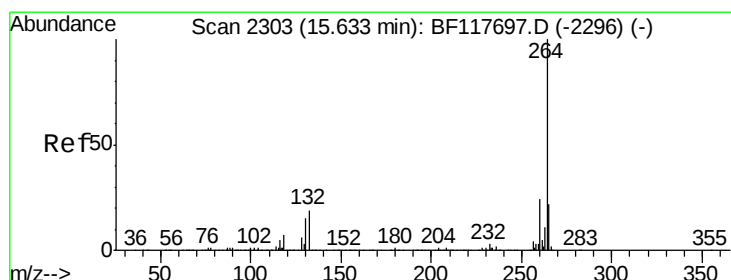
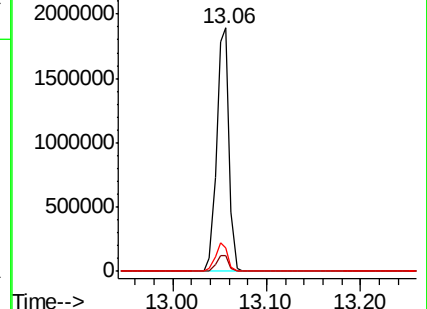
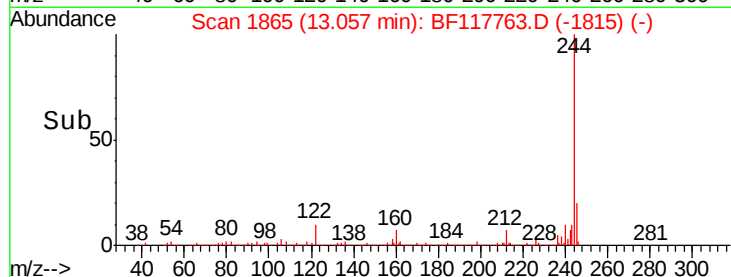
122 9.9 9.1 13.7



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

Perylene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BF117763.D

Acq: 12 Nov 2019 16:55

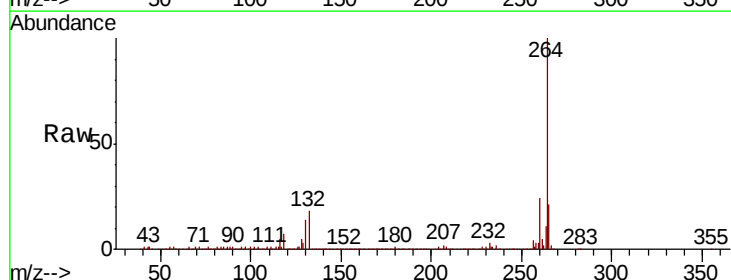
Tgt Ion:264 Resp: 706735

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.5 17.2 25.8



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

