

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117467.D
 Acq On : 22 Oct 2019 00:15
 Operator : JU
 Sample : K5453-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 01:57:37 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

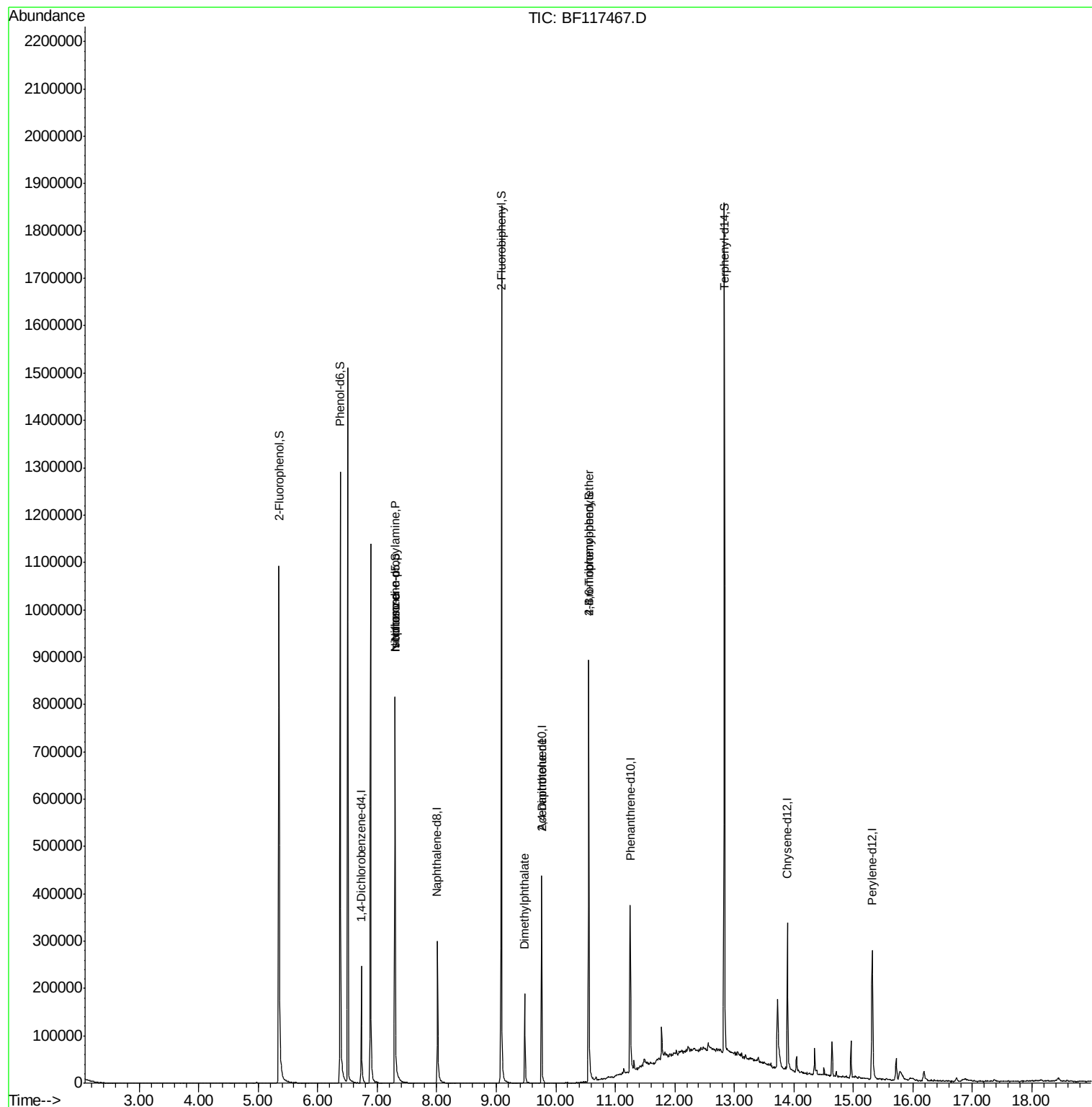
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	41516	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	170798	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	88160	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	146367	20.00	ng	0.00
76) Chrysene-d12	13.89	240	113478	20.00	ng	0.00
87) Perylene-d12	15.32	264	112547	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	340333	121.96	ng	0.00
7) Phenol-d6	6.38	99	470573	125.55	ng	0.00
23) Nitrobenzene-d5	7.30	82	296236	85.62	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	99355	130.25	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	537198	85.86	ng	0.00
79) Terphenyl-d14	12.83	244	573381	82.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.38	77	762	Below Cal		Qvalue # 3
19) n-Nitroso-di-n-propylamine	7.30	70	37631	16.440	ng	# 77
25) Isophorone	7.30	82	296233	49.496	ng	# 65
50) Dimethylphthalate	9.48	163	71672	11.404	ng	# 99
57) 2,4-Dinitrotoluene	9.76	165	11363	6.517	ng	# 12
67) 4-Bromophenyl-phenylether	10.56	248	6472	4.105	ng	# 1

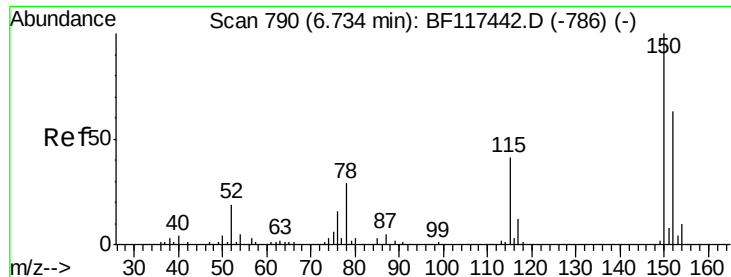
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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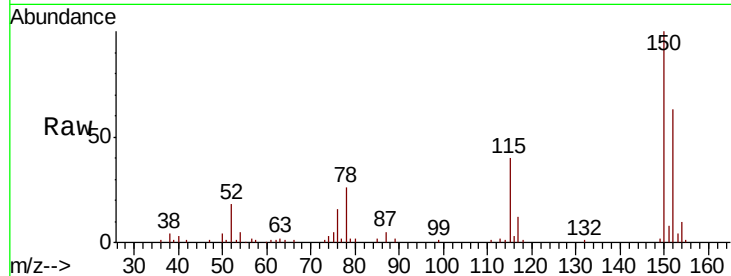


#1

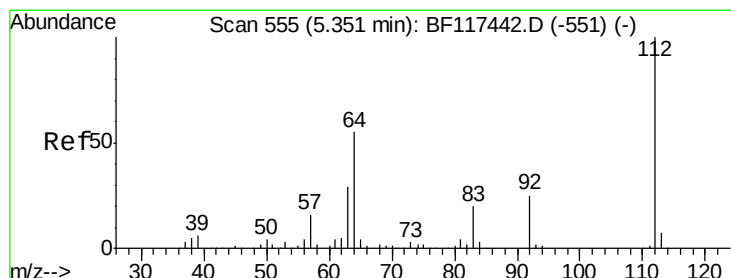
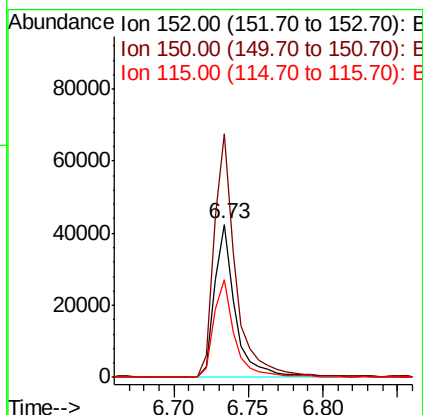
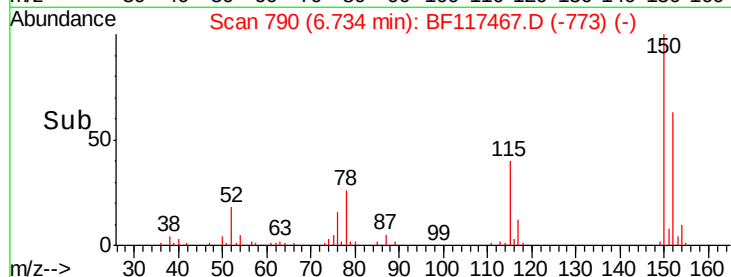
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117467.D
Acq: 22 Oct 2019 00:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 41516
Ion Ratio Lower Upper
152 100
150 159.2 126.8 190.2
115 64.3 51.6 77.4



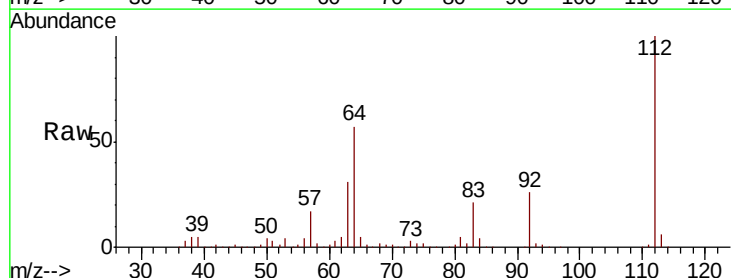
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



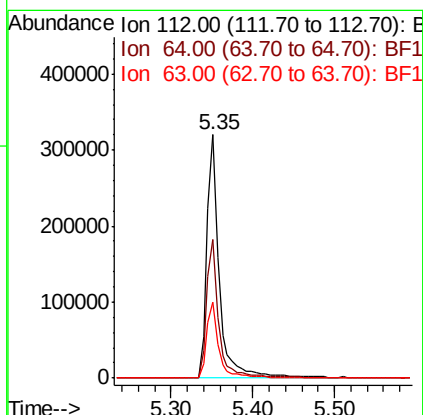
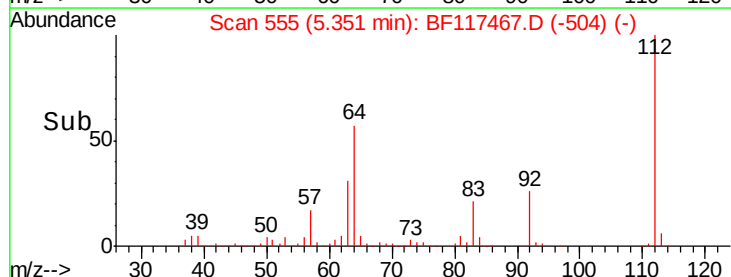
#5

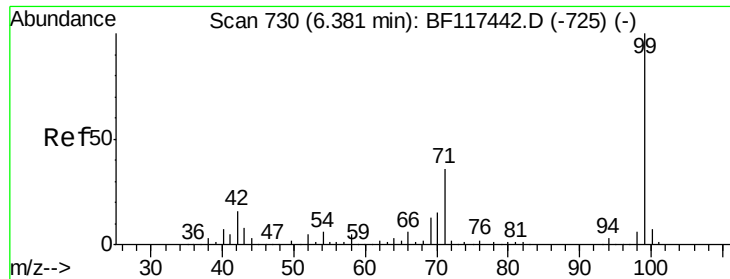
2-Fluorophenol
Concen: 121.957 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117467.D
Acq: 22 Oct 2019 00:15

Tgt Ion:112 Resp: 340333
Ion Ratio Lower Upper
112 100
64 57.0 44.1 66.1
63 31.1 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: 125.550 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117467.D

Acq: 22 Oct 2019 00:15

Instrument :

BNA_F

ClientSampleId :

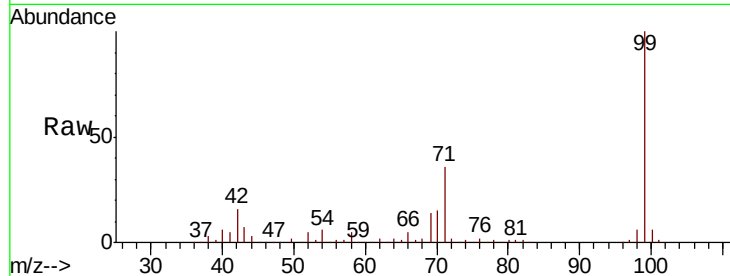
Tot Ion: 99 Resp: 470573

Ion Ratio Lower Upper

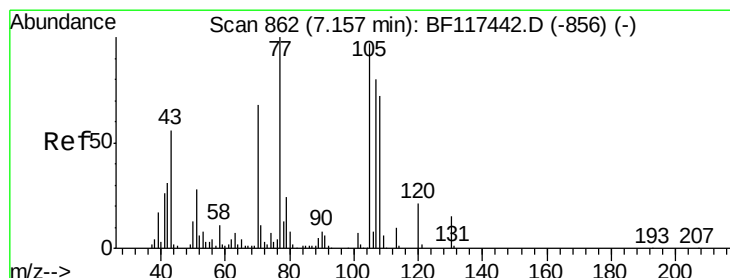
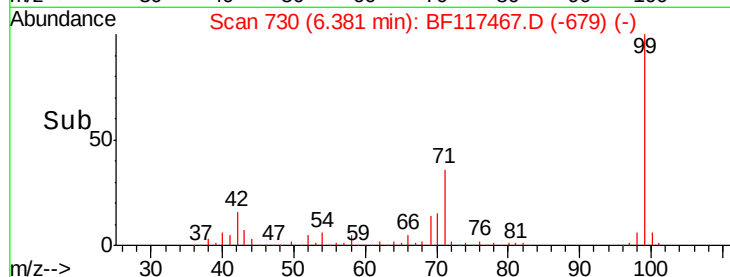
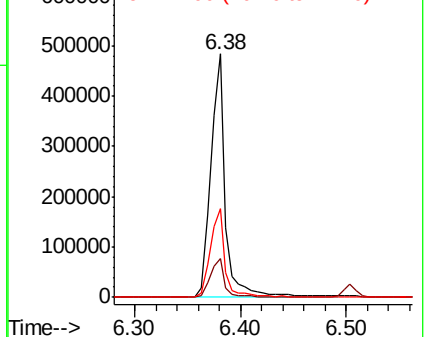
99 100

42 15.7 12.8 19.2

71 36.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.440 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF117467.D

Acq: 22 Oct 2019 00:15

Tgt Ion: 70 Resp: 37631

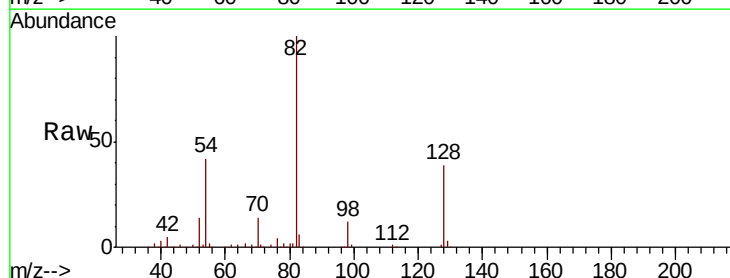
Ion Ratio Lower Upper

70 100

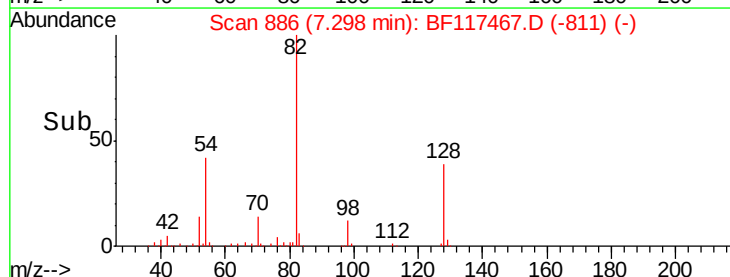
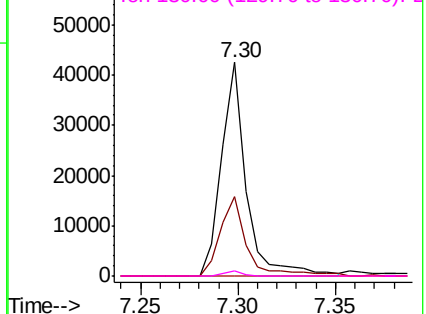
42 37.1 36.7 55.1

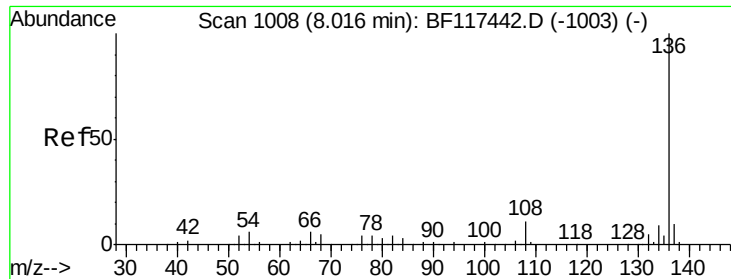
101 0.0 8.3 12.5#

130 2.3 18.1 27.1#



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

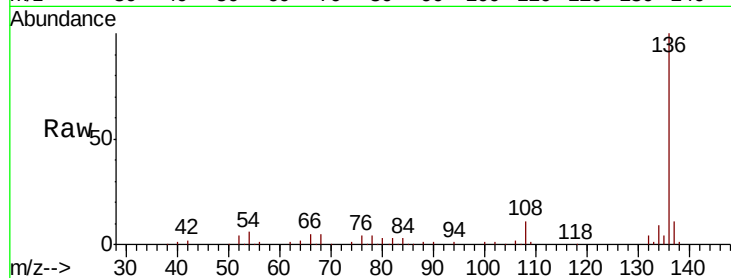




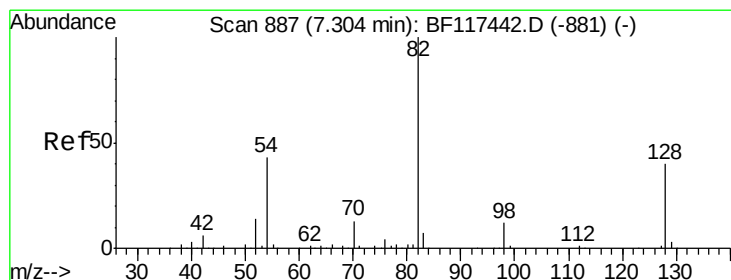
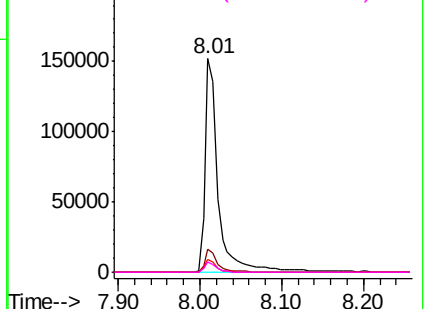
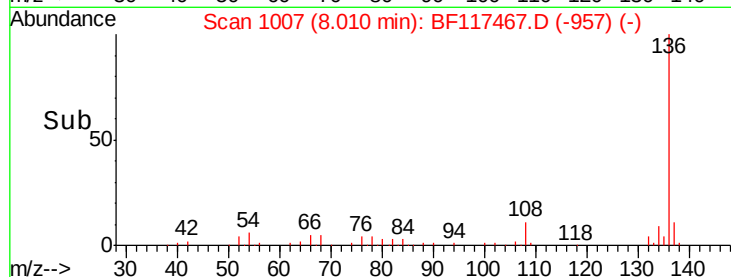
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117467.D
Acq: 22 Oct 2019 00:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	170798
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	5.9	4.5	6.7
68	4.8	4.3	6.5

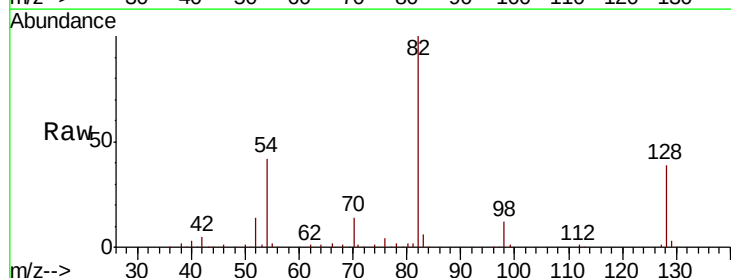


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

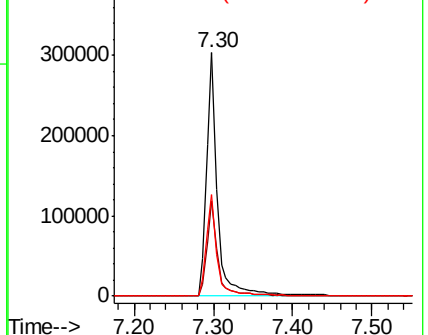
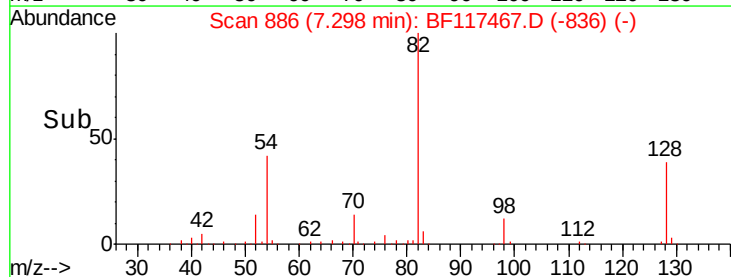


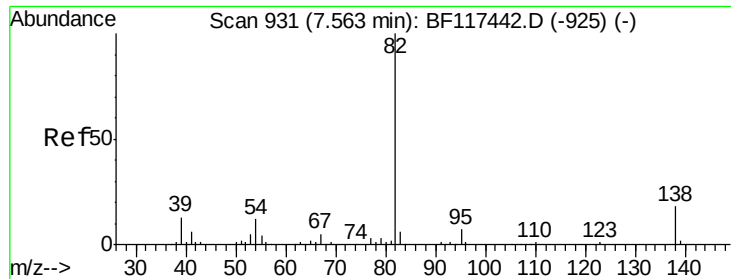
#23
Nitrobenzene-d5
Concen: 85.625 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117467.D
Acq: 22 Oct 2019 00:15

Tgt Ion:	82	Resp:	296236
Ion	Ratio	Lower	Upper
82	100		
128	39.2	32.2	48.2
54	41.7	34.2	51.2



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: 49.496 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF117467.D

Acq: 22 Oct 2019 00:15

Instrument :

BNA_F

ClientSampleId :

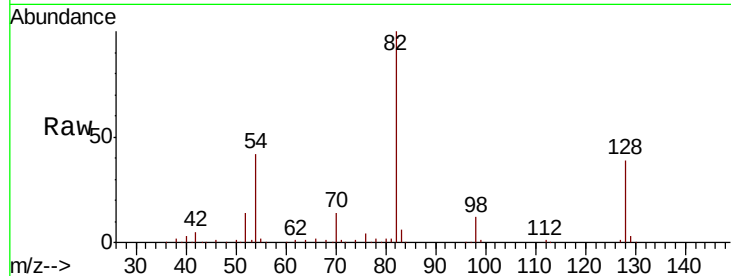
Tot Ion: 82 Resp: 296233

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

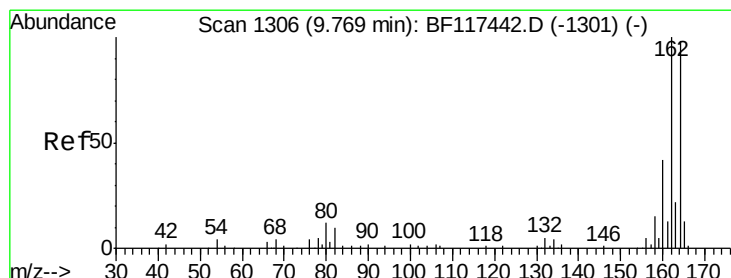
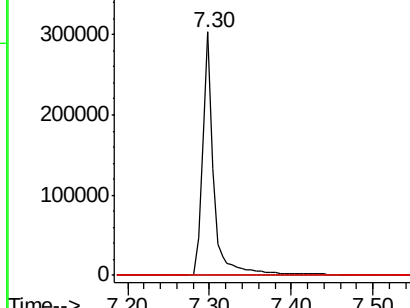
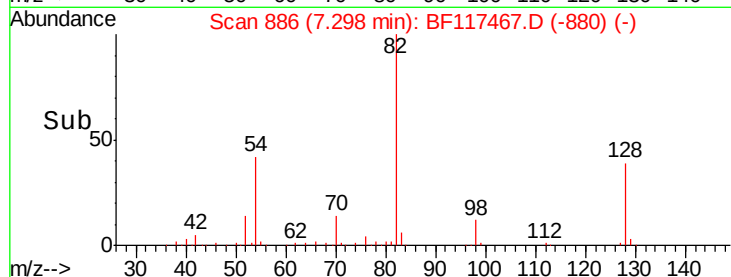
138 0.0 14.2 21.2#



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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117467.D

Acq: 22 Oct 2019 00:15

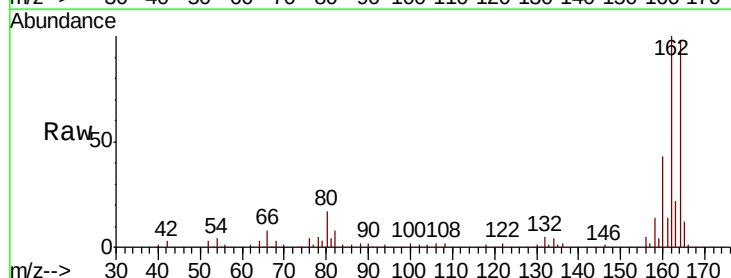
Tgt Ion:164 Resp: 88160

Ion Ratio Lower Upper

164 100

162 101.8 81.8 122.6

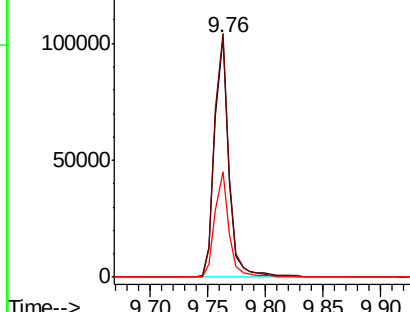
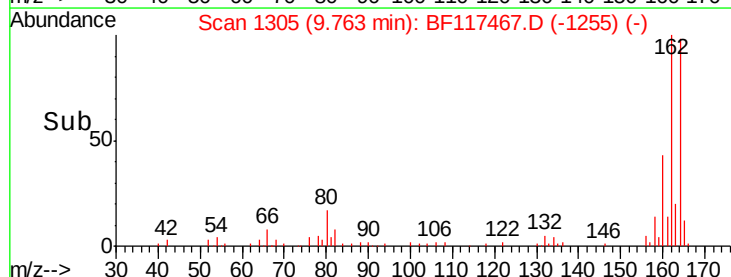
160 43.8 34.4 51.6

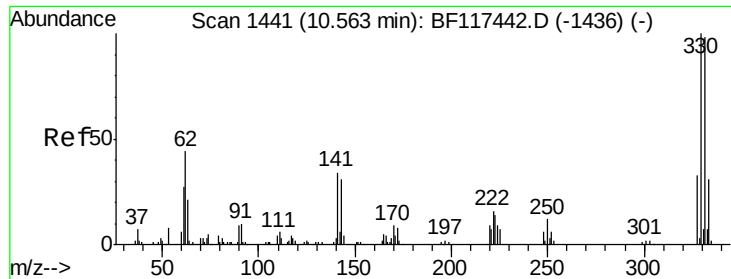


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 130.249 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117467.D

Acq: 22 Oct 2019 00:15

Instrument :

BNA_F

ClientSampled :

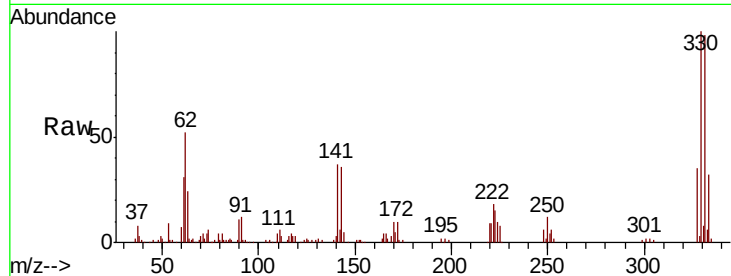
Tot Ion:330 Resp: 99355

Ion Ratio Lower Upper

330 100

332 97.2 78.5 117.7

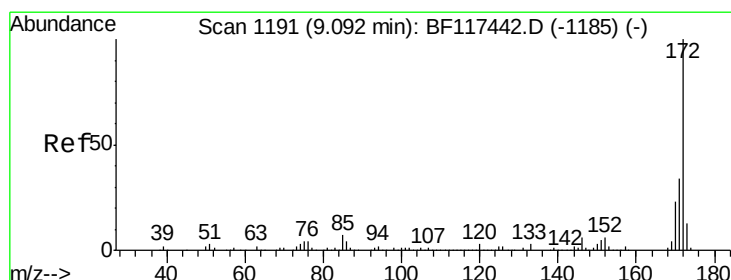
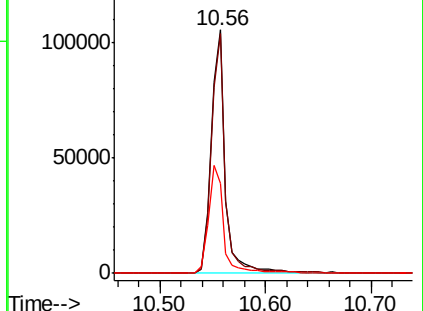
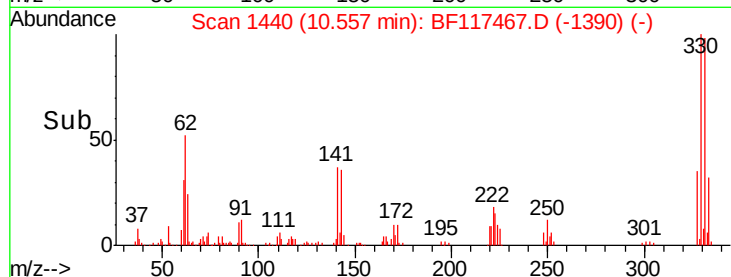
141 47.3 37.0 55.6



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: 85.856 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF117467.D

Acq: 22 Oct 2019 00:15

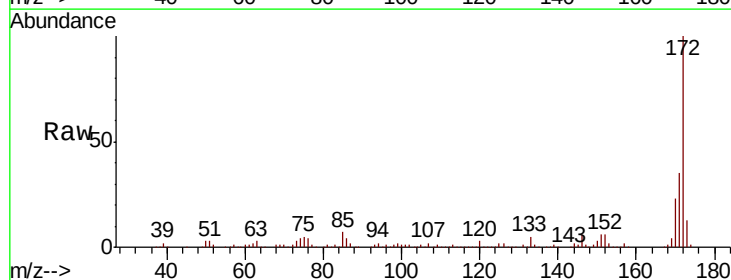
Tgt Ion:172 Resp: 537198

Ion Ratio Lower Upper

172 100

171 34.8 27.5 41.3

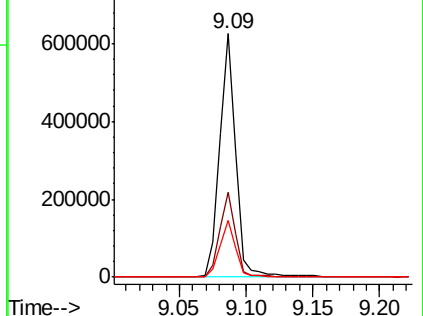
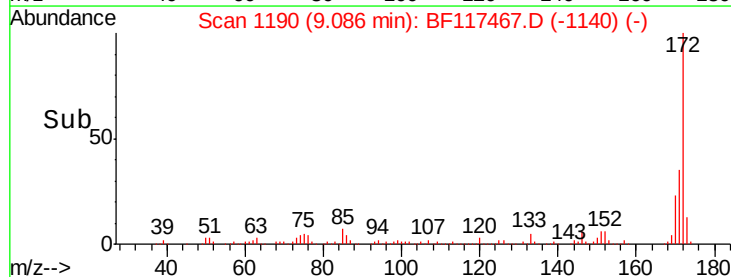
170 23.3 18.6 27.8

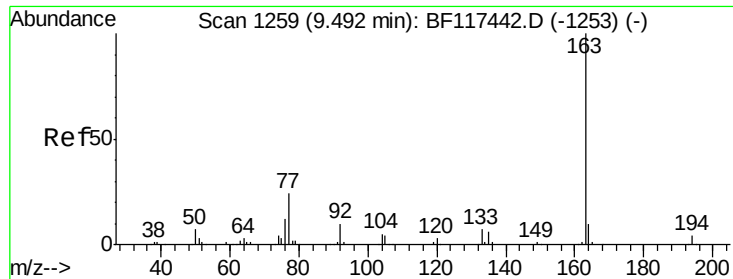


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

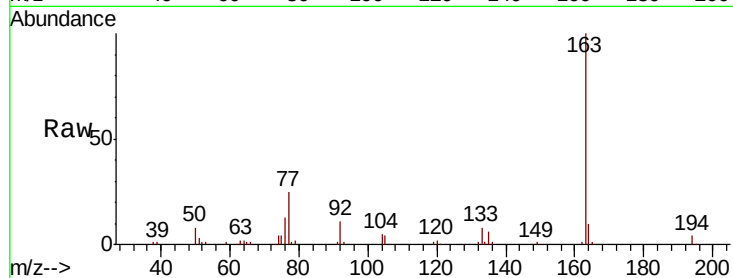




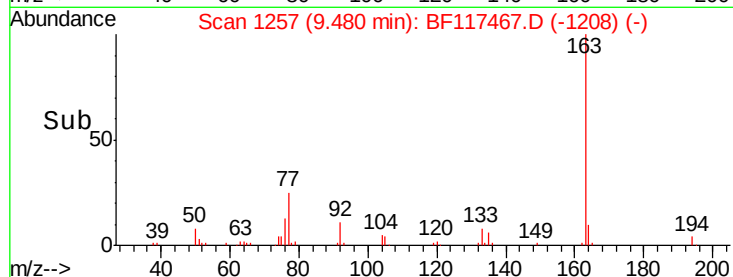
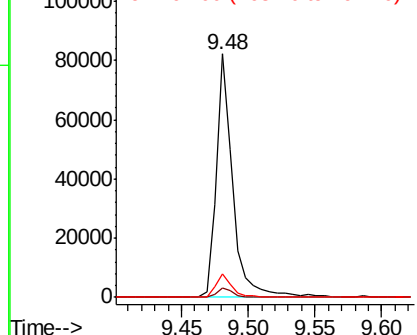
#50
Dimethylphthalate
Concen: 11.404 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117467.D
Acq: 22 Oct 2019 00:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 71672
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 9.8 8.2 12.2

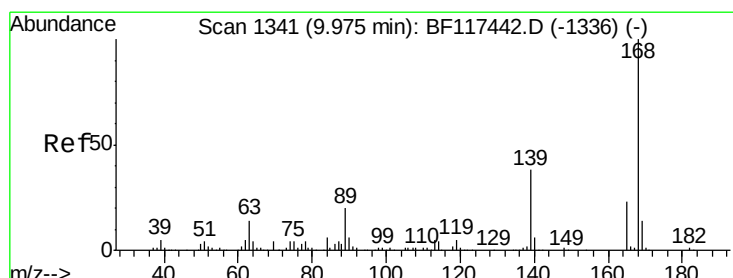


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

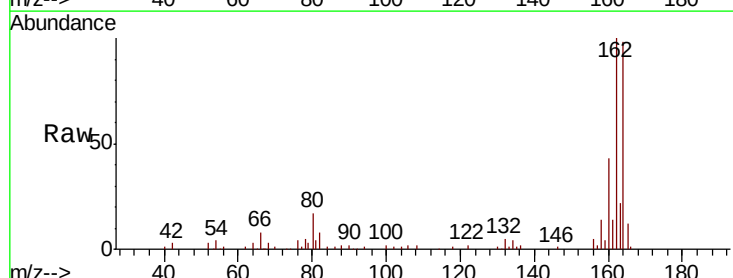
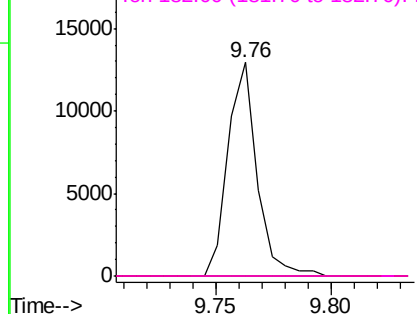


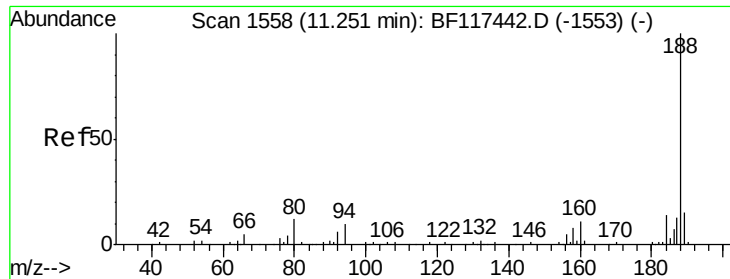
#57
2,4-Dinitrotoluene
Concen: 6.517 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117467.D
Acq: 22 Oct 2019 00:15

Tgt Ion:165 Resp: 11363
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# 1558

Delta R.T. -0.00 min

Lab File: BF117467.D

Acq: 22 Oct 2019 00:15

Instrument :

BNA_F

ClientSampleId :

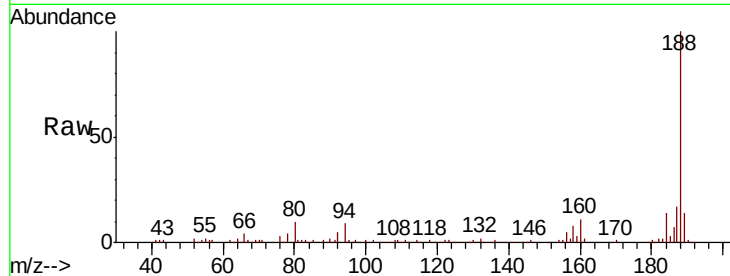
Tot Ion:188 Resp: 146367

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

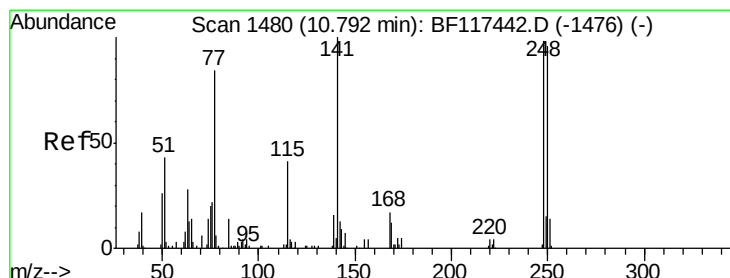
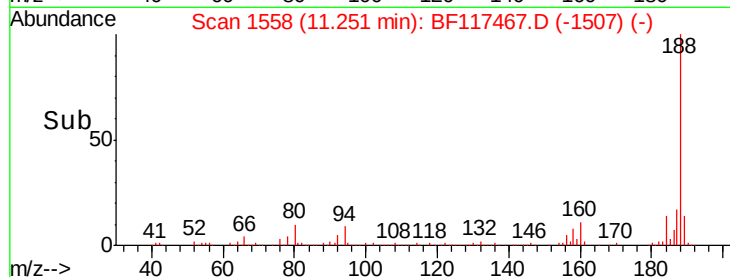
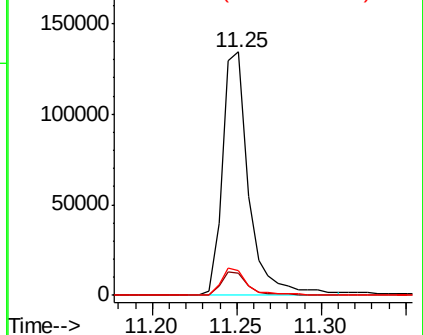
80 9.9 9.5 14.3



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: 4.105 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.24 min

Lab File: BF117467.D

Acq: 22 Oct 2019 00:15

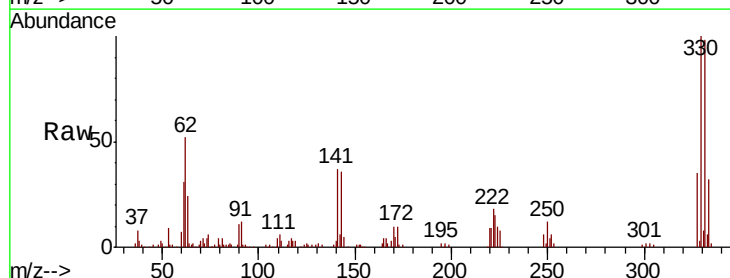
Tgt Ion:248 Resp: 6472

Ion Ratio Lower Upper

248 100

250 182.9 78.0 117.0#

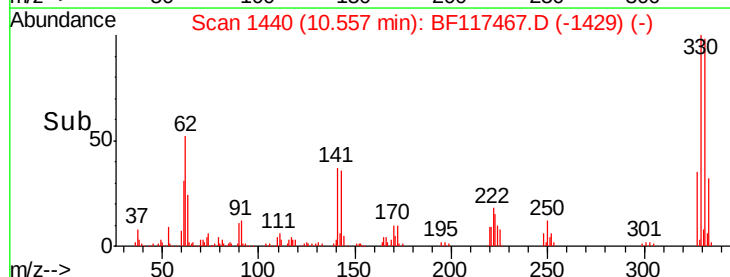
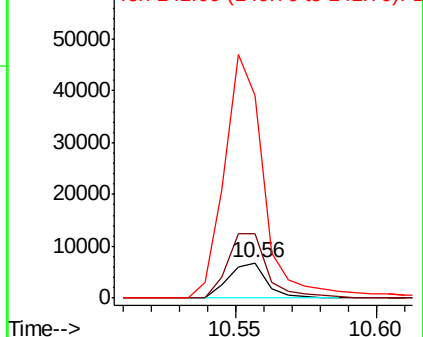
141 573.9 81.7 122.5#

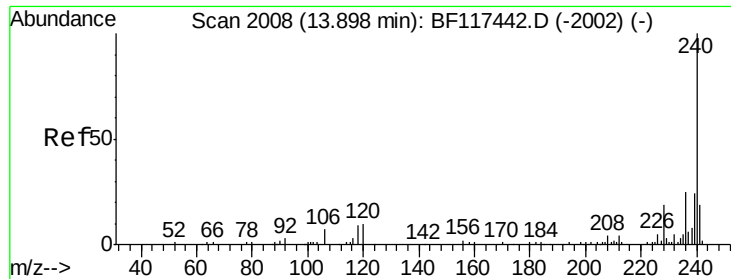


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

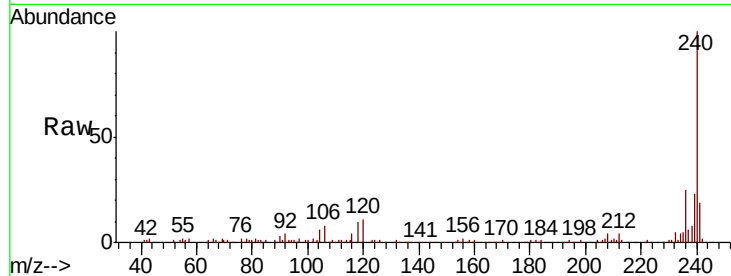




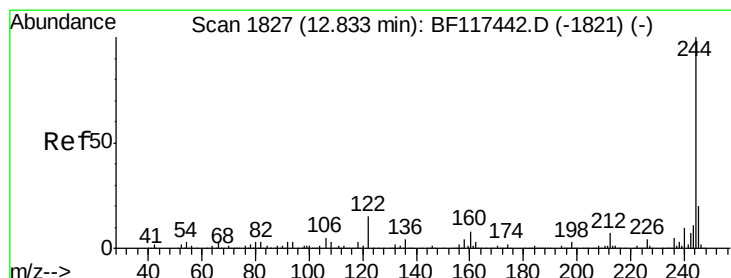
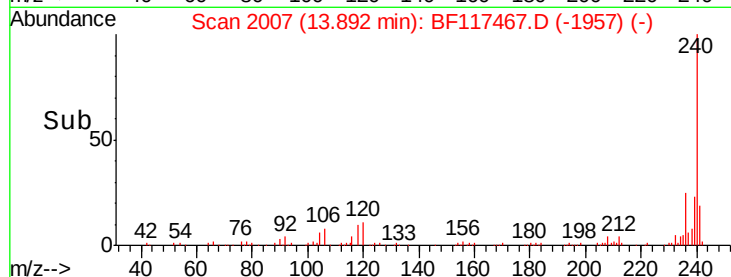
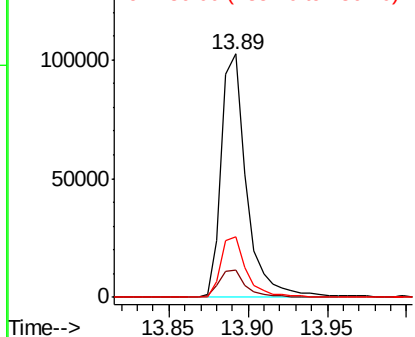
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117467.D
Acq: 22 Oct 2019 00:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 113478
Ion Ratio Lower Upper
240 100
120 11.2 8.4 12.6
236 25.0 20.0 30.0

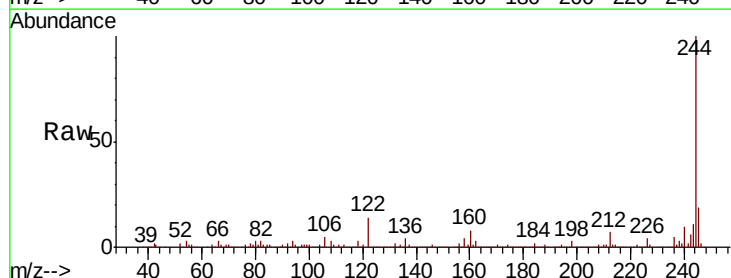


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

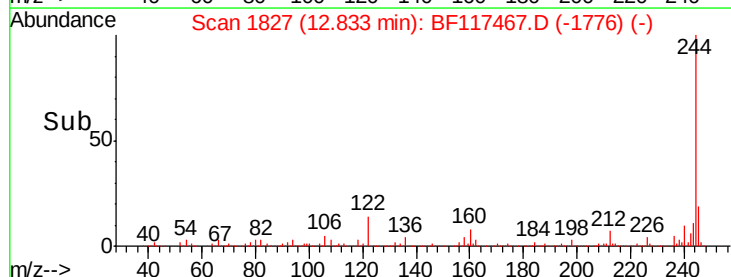
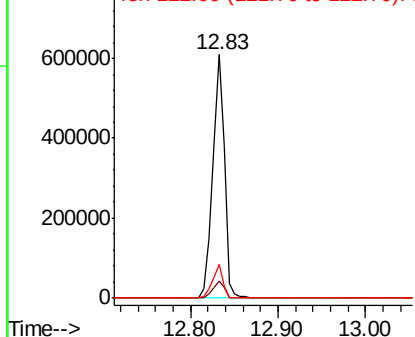


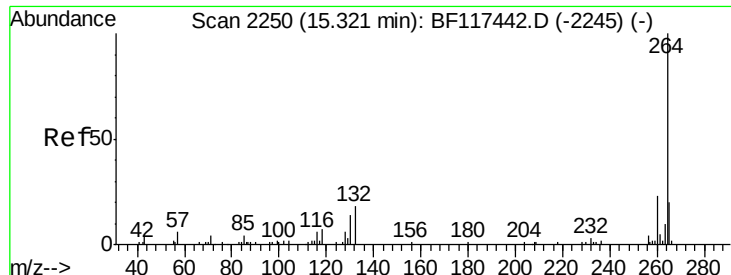
#79
Terphenyl-d14
Concen: 82.417 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117467.D
Acq: 22 Oct 2019 00:15

Tgt Ion:244 Resp: 573381
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 13.6 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

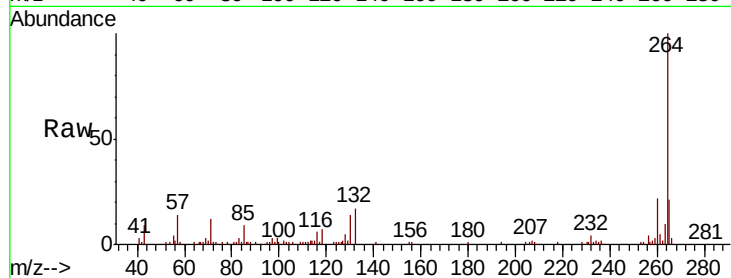




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. -0.01 min
 Lab File: BF117467.D
 Acq: 22 Oct 2019 00:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.4	27.6
265	21.0	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

