

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
 Data File : BF117480.D
 Acq On : 22 Oct 2019 16:17
 Operator : JU
 Sample : K5358-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 18:34:04 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

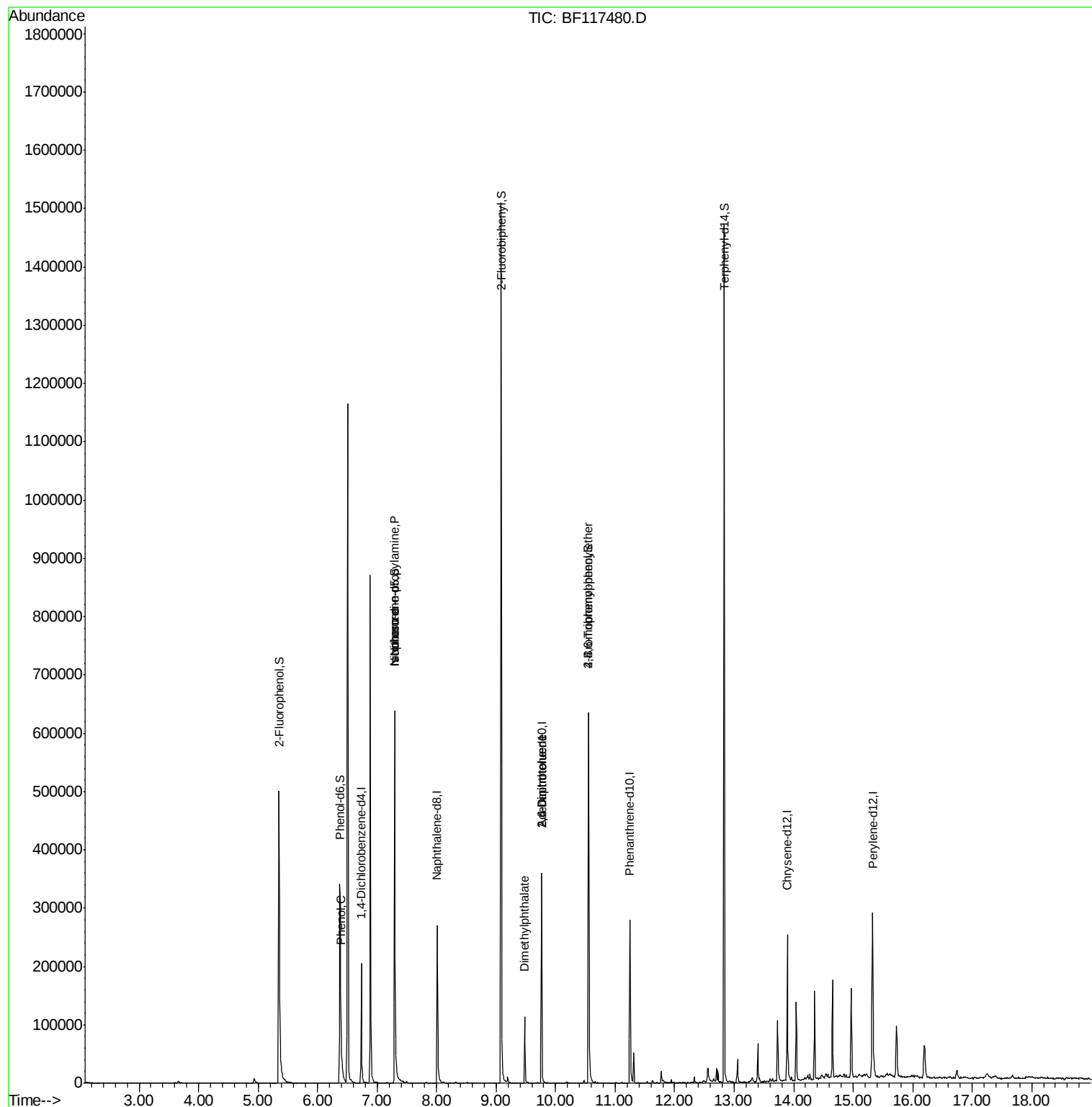
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	35418	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	139219	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	72310	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	118950	20.00	ng	0.00
76) Chrysene-d12	13.89	240	90820	20.00	ng	0.00
87) Perylene-d12	15.33	264	88633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	188923	79.36	ng	0.00
7) Phenol-d6	6.37	99	160770	50.28	ng	0.00
23) Nitrobenzene-d5	7.30	82	242080	85.84	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	74178	118.56	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	420973	82.03	ng	0.00
79) Terphenyl-d14	12.83	244	468573	84.16	ng	0.00
Target Compounds						
10) Phenol	6.39	94	8718	2.671	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	31177	15.965	ng	# 78
25) Isophorone	7.30	82	242094	49.625	ng	# 65
50) Dimethylphthalate	9.48	163	45254	8.779	ng	97
51) 2,6-Dinitrotoluene	9.76	165	8940	8.311	ng	# 22
57) 2,4-Dinitrotoluene	9.76	165	8940	6.251	ng	# 12
67) 4-Bromophenyl-phenylether	10.56	248	4414	3.445	ng	# 1

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

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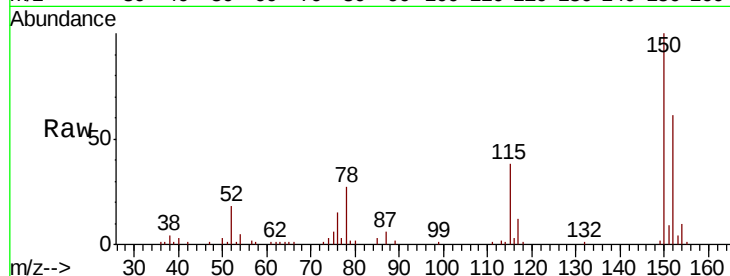


#1

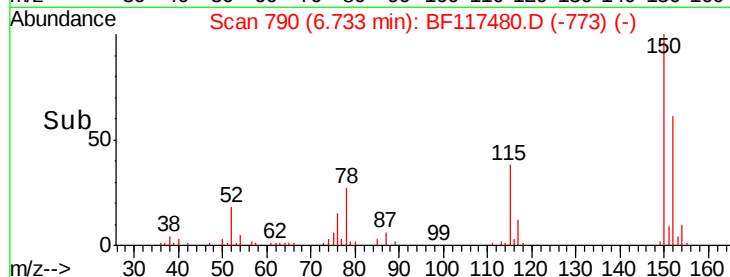
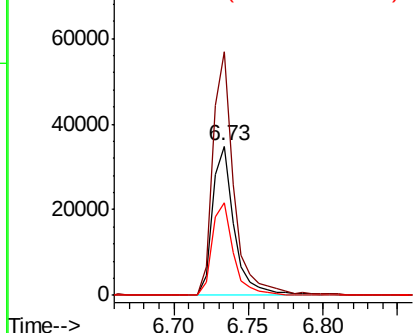
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117480.D
Acq: 22 Oct 2019 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.4	126.8	190.2
115	62.4	51.6	77.4



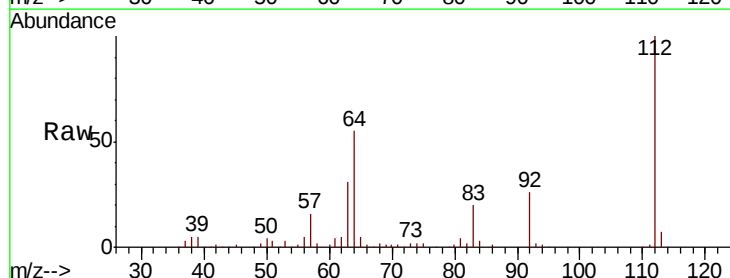
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



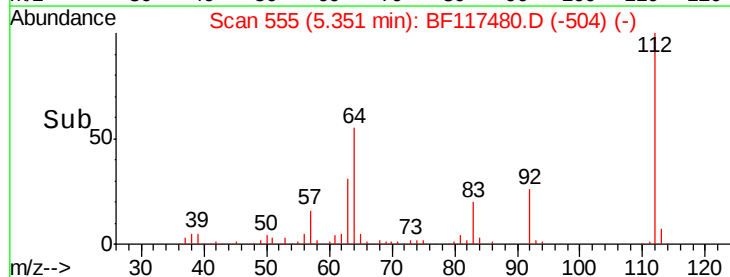
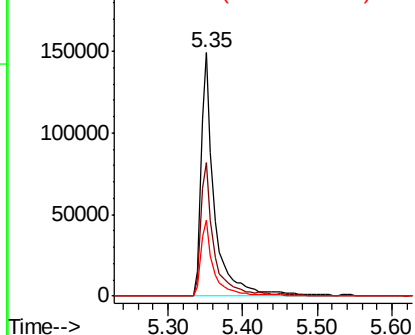
#5

2-Fluorophenol
Concen: 79.356 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117480.D
Acq: 22 Oct 2019 16:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	44.1	66.1
63	31.2	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: 50.279 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF117480.D

Acq: 22 Oct 2019 16:17

Instrument :

BNA_F

ClientSampleId :

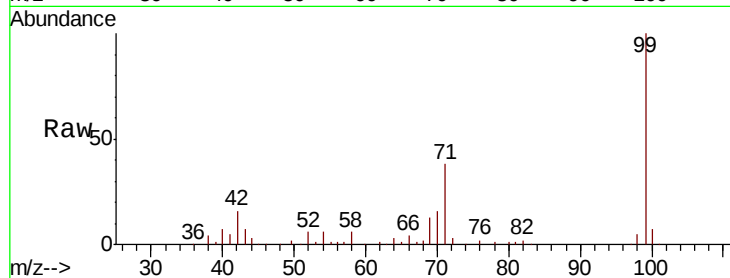
Tot Ion: 99 Resp: 160770

Ion Ratio Lower Upper

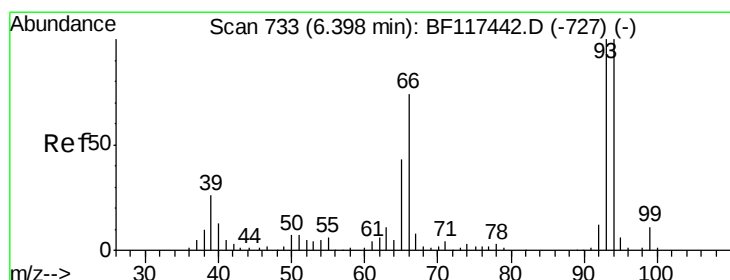
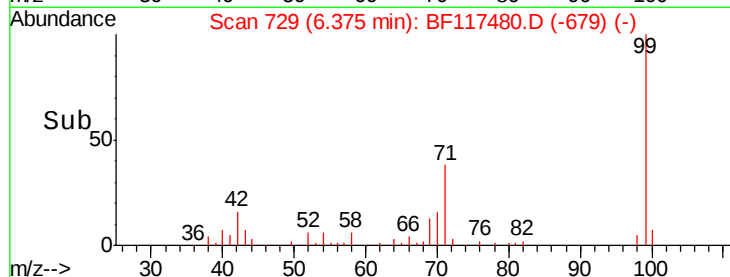
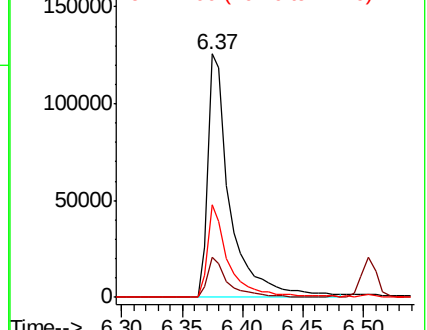
99 100

42 16.4 12.8 19.2

71 37.9 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



#10

Phenol

Concen: 2.671 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117480.D

Acq: 22 Oct 2019 16:17

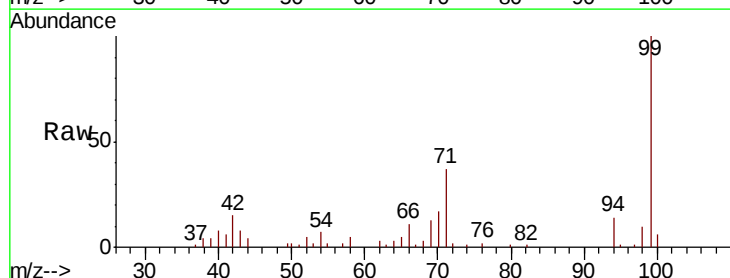
Tgt Ion: 94 Resp: 8718

Ion Ratio Lower Upper

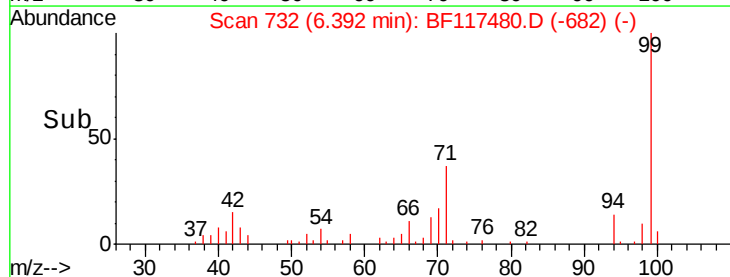
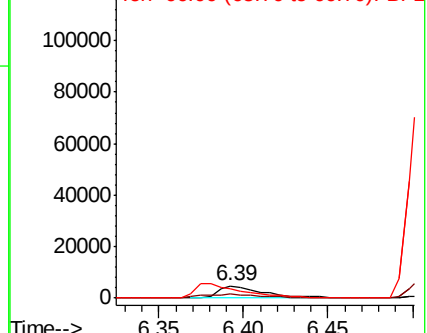
94 100

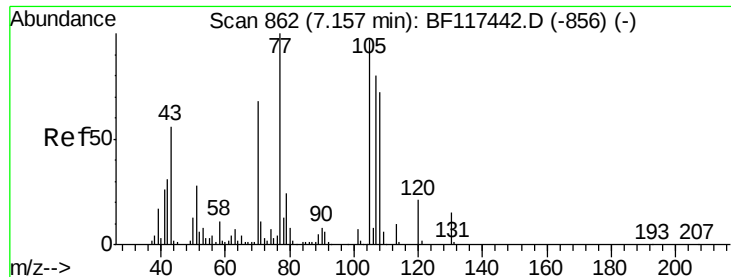
65 38.0 23.4 63.4

66 77.8 54.7 94.7



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

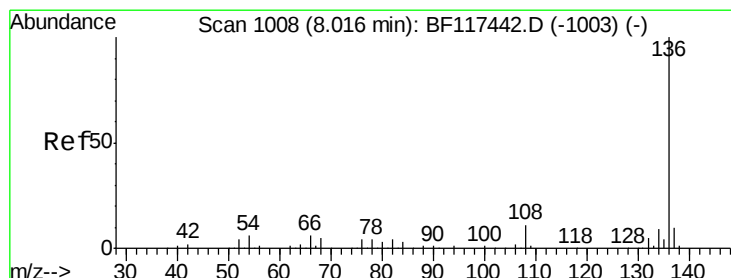
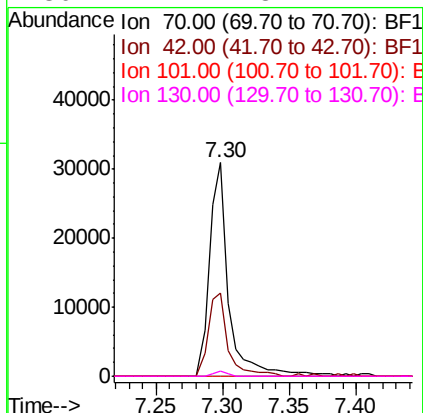
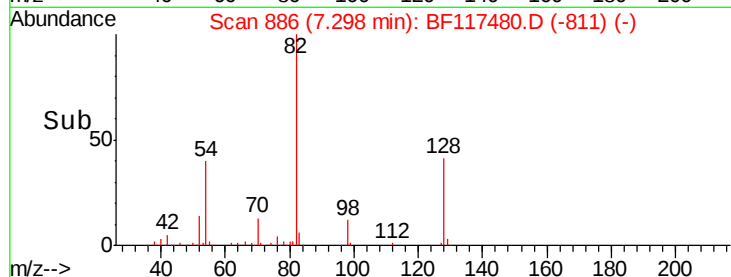
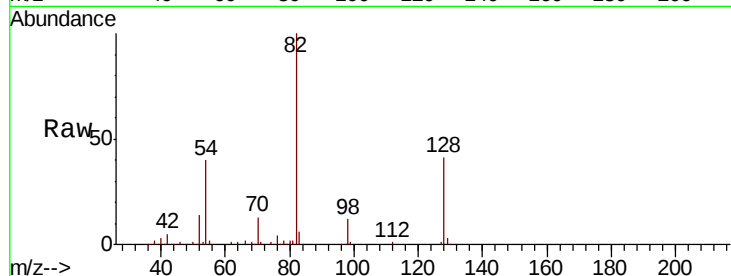




#19
n-Nitroso-di-n-propylamine
Concen: 15.965 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117480.D
Acq: 22 Oct 2019 16:17

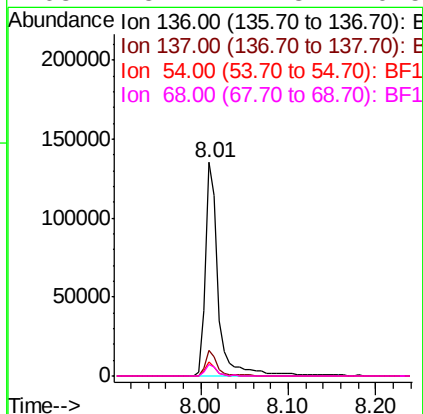
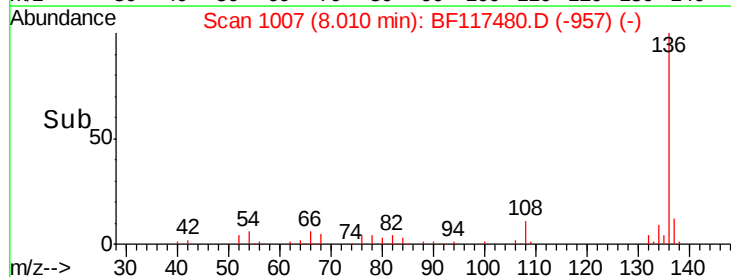
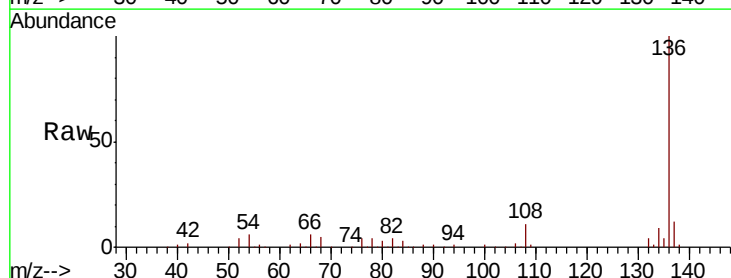
Instrument :
BNA_F
ClientSampleId :

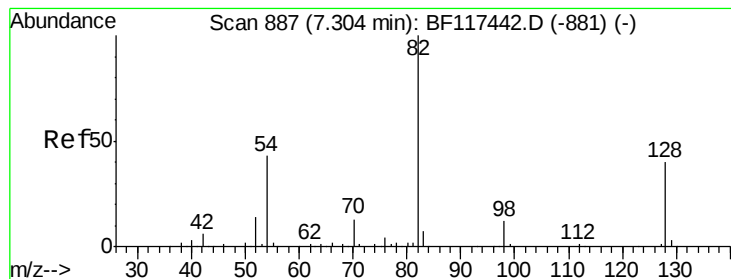
Tot Ion: 70 Resp: 31177
Ion Ratio Lower Upper
70 100
42 38.9 36.7 55.1
101 0.0 8.3 12.5#
130 2.7 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117480.D
Acq: 22 Oct 2019 16:17

Tgt Ion:136 Resp: 139219
Ion Ratio Lower Upper
136 100
137 11.8 8.2 12.4
54 6.4 4.5 6.7
68 5.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 85.843 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF117480.D

Acq: 22 Oct 2019 16:17

Instrument :

BNA_F

ClientSampleId :

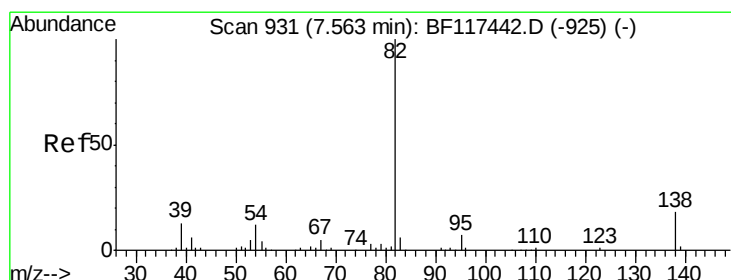
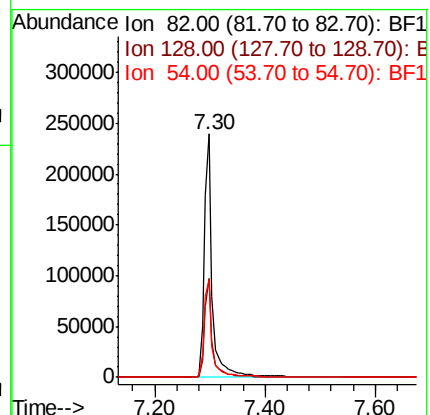
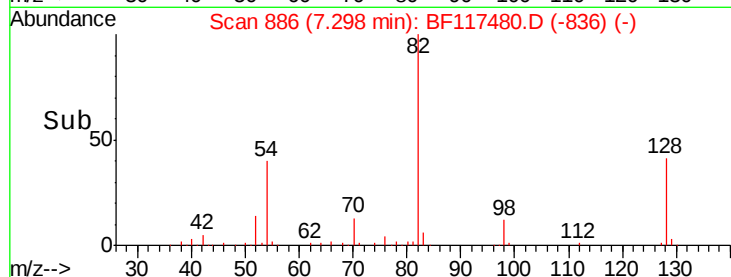
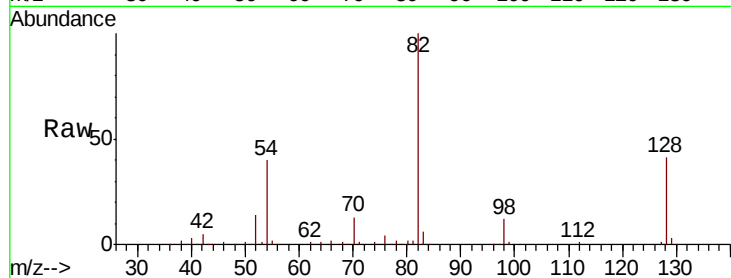
Tot Ion: 82 Resp: 242080

Ion Ratio Lower Upper

82 100

128 40.7 32.2 48.2

54 39.9 34.2 51.2



#25

Isophorone

Concen: 49.625 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF117480.D

Acq: 22 Oct 2019 16:17

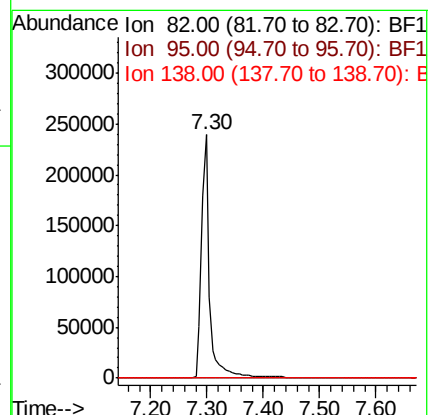
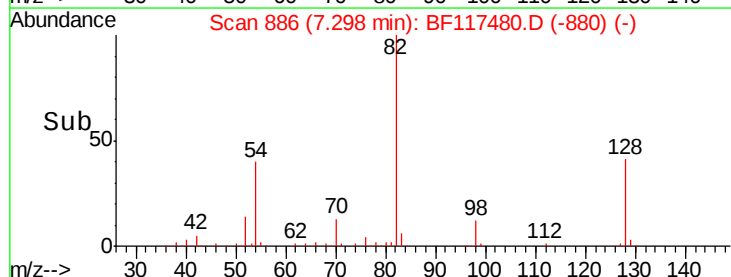
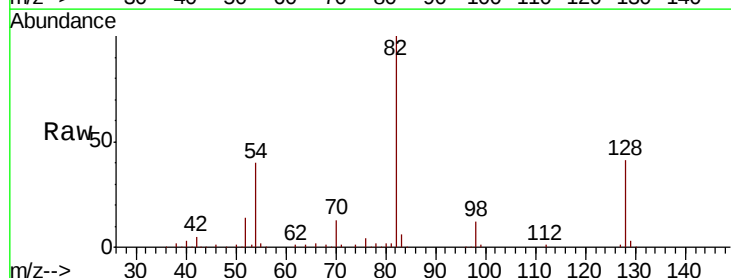
Tgt Ion: 82 Resp: 242094

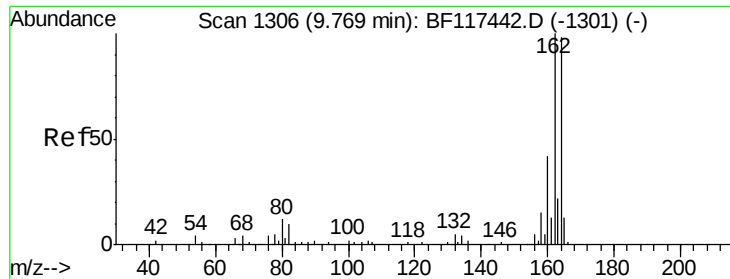
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 14.2 21.2#

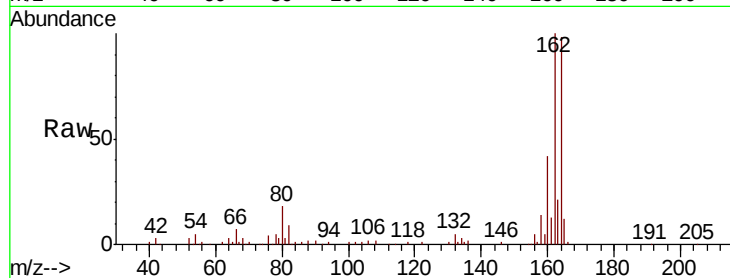




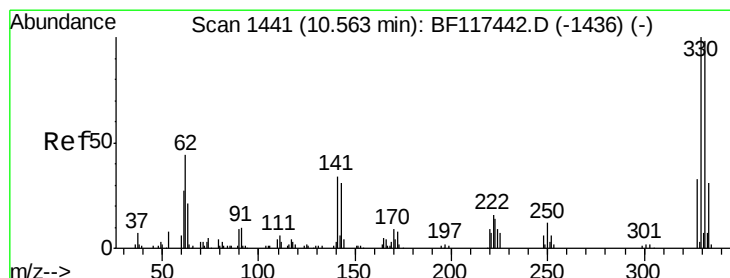
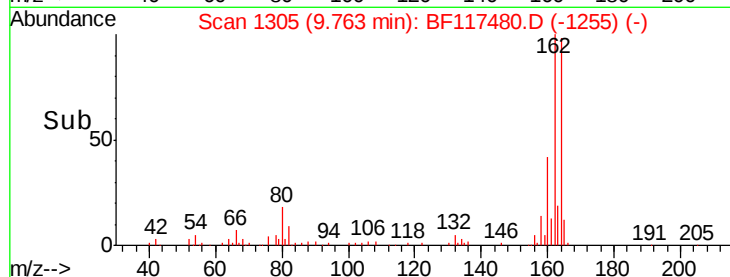
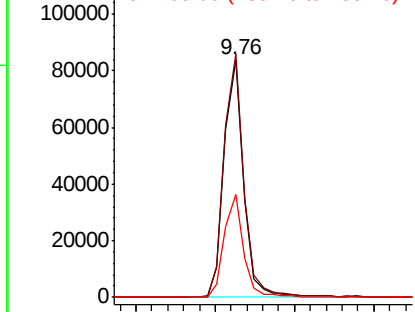
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117480.D
Acq: 22 Oct 2019 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 72310
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 43.3 34.4 51.6

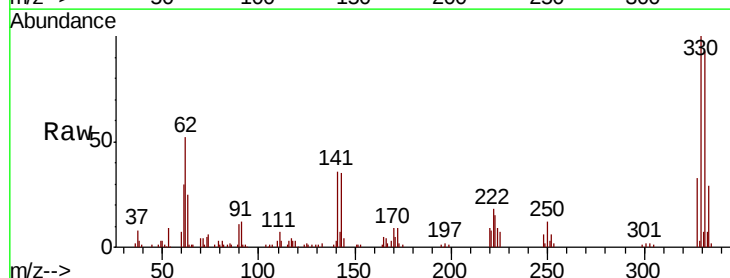


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

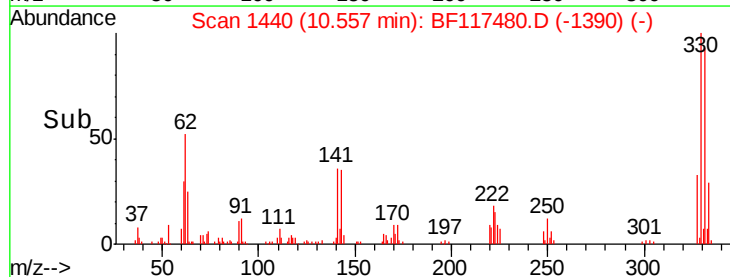
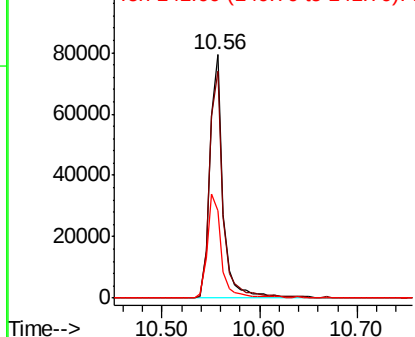


#42
2,4,6-Tribromophenol
Concen: 118.558 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117480.D
Acq: 22 Oct 2019 16:17

Tgt Ion:330 Resp: 74178
Ion Ratio Lower Upper
330 100
332 96.4 78.5 117.7
141 45.5 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

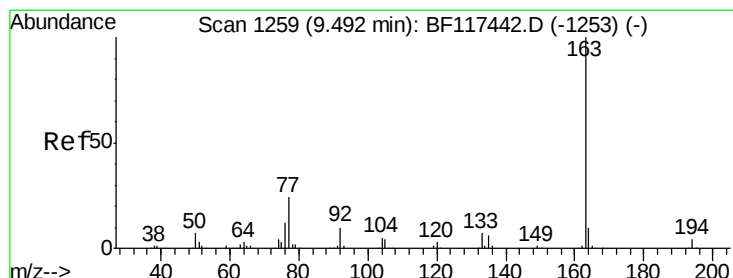
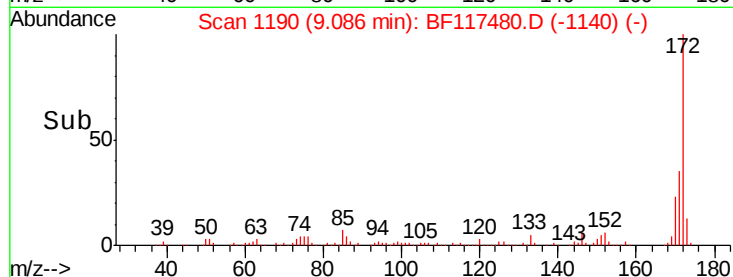
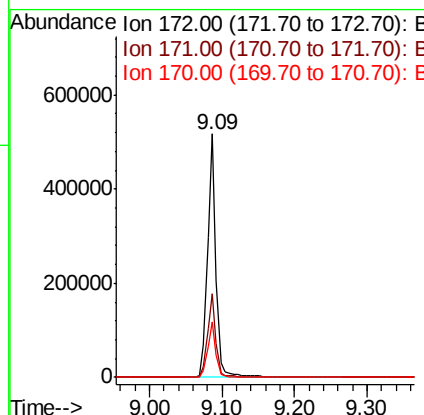
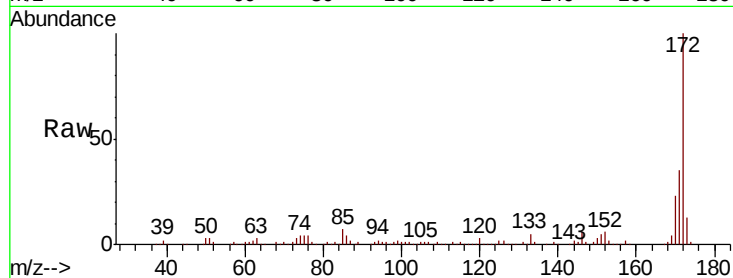




#45
2-Fluorobiphenyl
Concen: 82.028 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117480.D
Acq: 22 Oct 2019 16:17

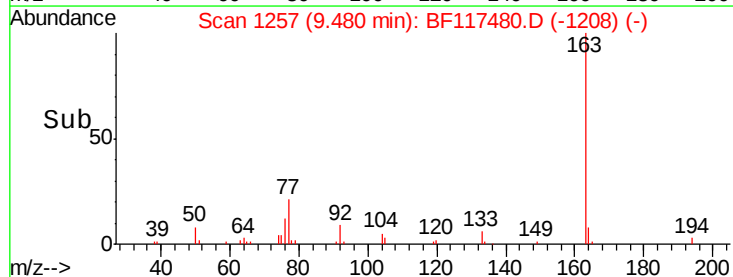
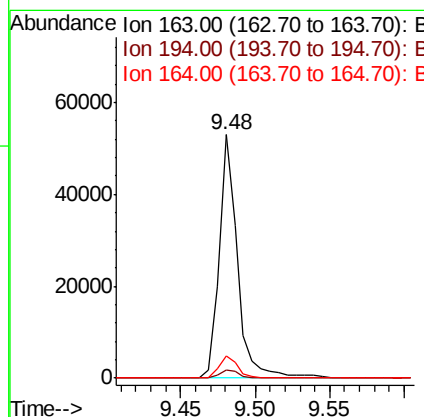
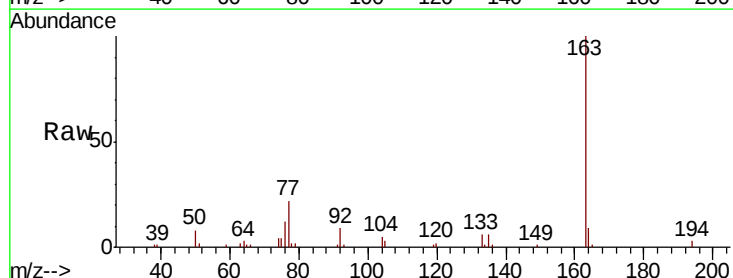
Instrument :
BNA_F
ClientSampleId :

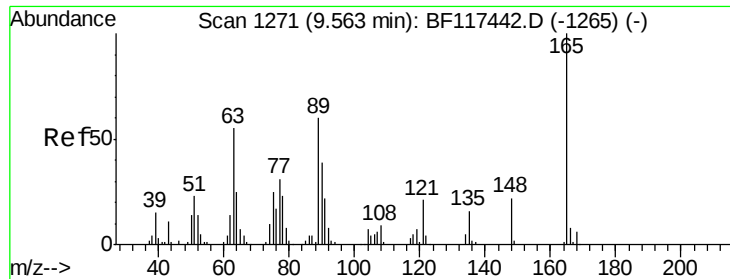
Tot Ion:172 Resp: 420973
Ion Ratio Lower Upper
172 100
171 34.6 27.5 41.3
170 23.0 18.6 27.8



#50
Dimethylphthalate
Concen: 8.779 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117480.D
Acq: 22 Oct 2019 16:17

Tgt Ion:163 Resp: 45254
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 9.0 8.2 12.2

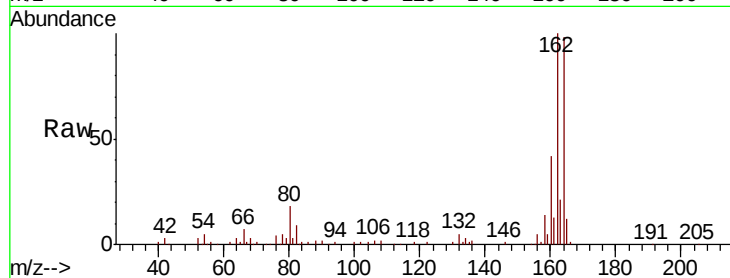




#51
 2,6-Dinitrotoluene
 Concen: 8.311 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.20 min
 Lab File: BF117480.D
 Acq: 22 Oct 2019 16:17

Instrument :
 BNA_F
 ClientSampleID :

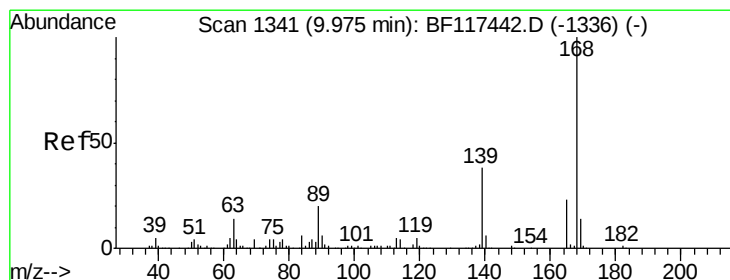
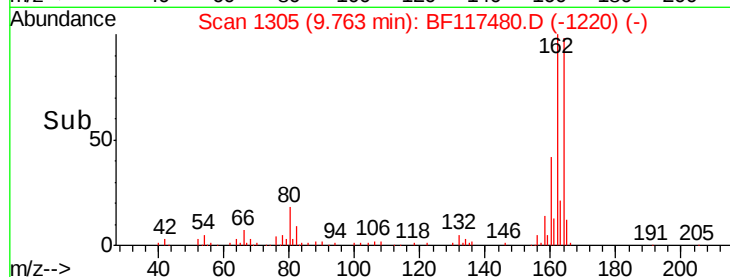
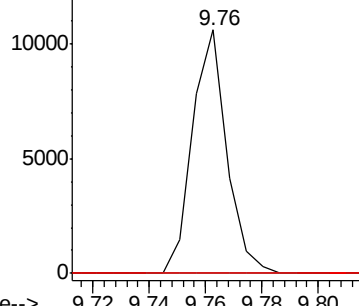
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	0.0	47.6	71.4#



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



#57
 2,4-Dinitrotoluene
 Concen: 6.251 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.21 min
 Lab File: BF117480.D
 Acq: 22 Oct 2019 16:17

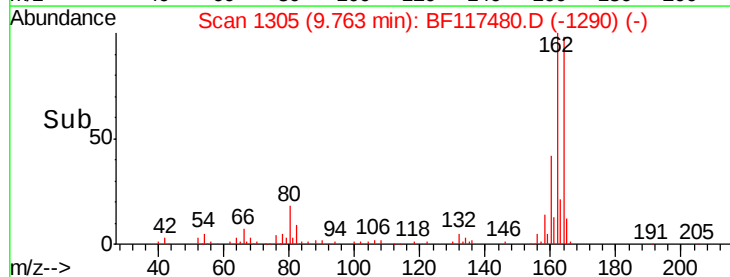
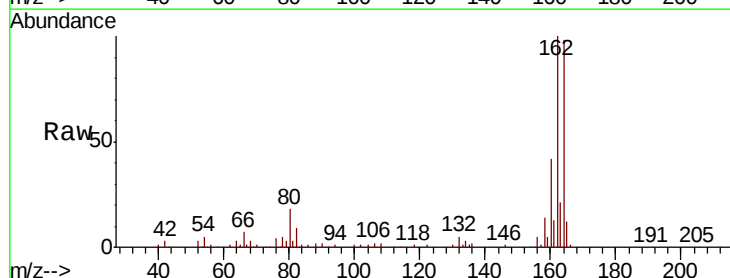
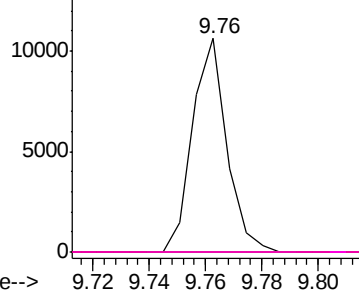
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.4	77.0#
89	0.0	69.9	104.9#
182	0.0	1.9	2.9#

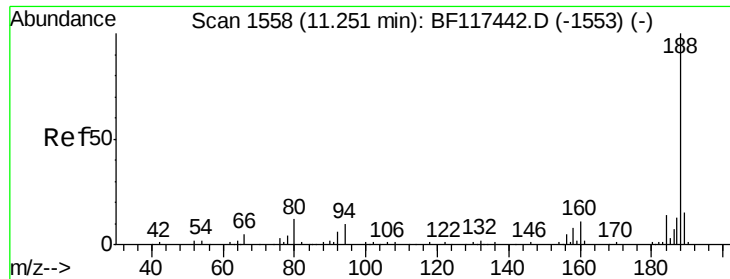
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF117480.D

Acq: 22 Oct 2019 16:17

Instrument :

BNA_F

ClientSampled :

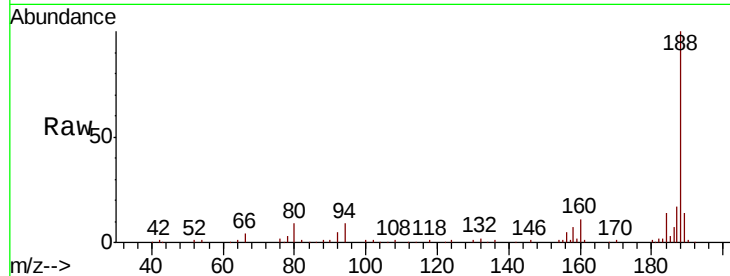
Tot Ion:188 Resp: 118950

Ion Ratio Lower Upper

188 100

94 8.6 8.0 12.0

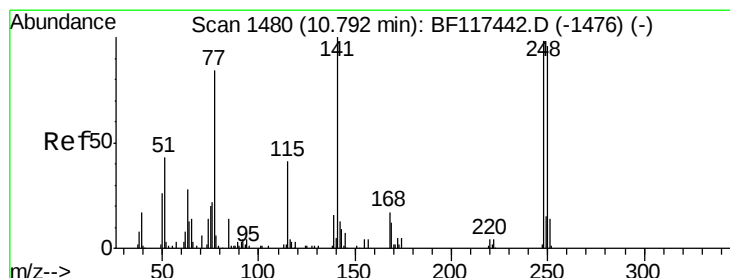
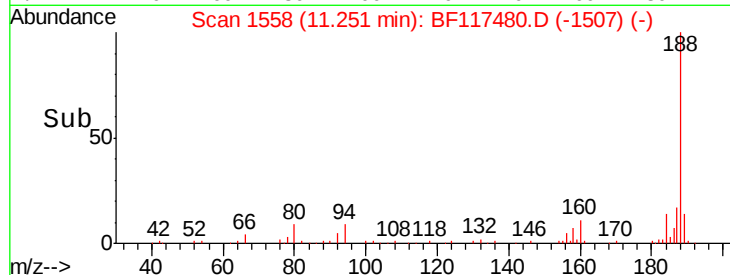
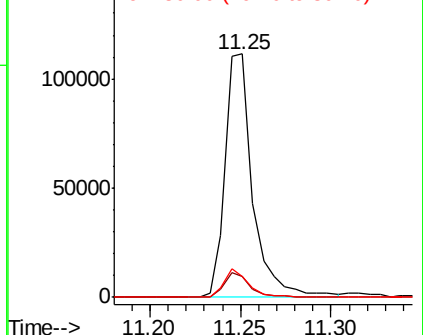
80 8.7 9.5 14.3#



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: 3.445 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.24 min

Lab File: BF117480.D

Acq: 22 Oct 2019 16:17

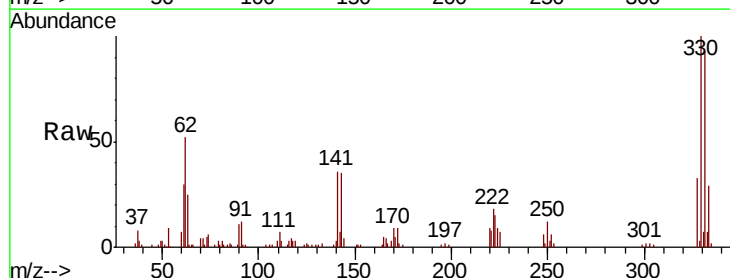
Tgt Ion:248 Resp: 4414

Ion Ratio Lower Upper

248 100

250 190.1 78.0 117.0#

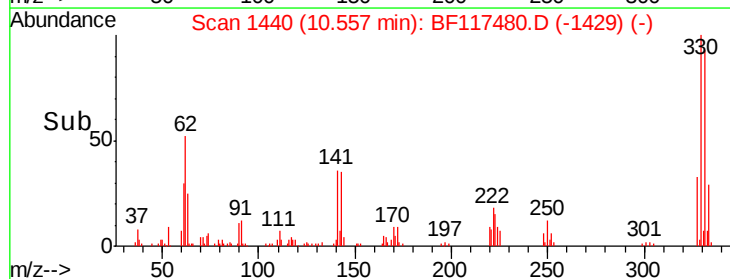
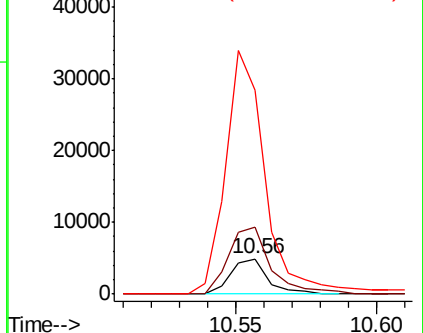
141 583.7 81.7 122.5#

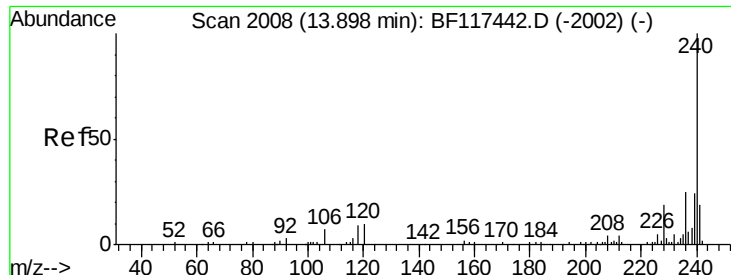


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

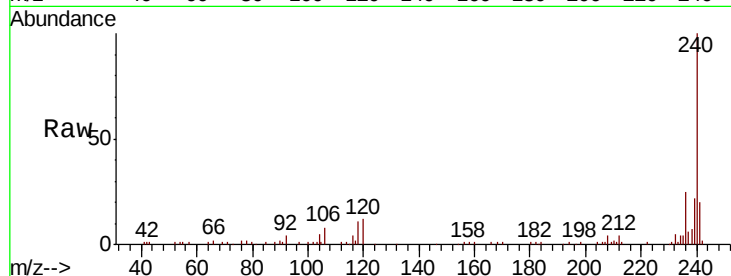




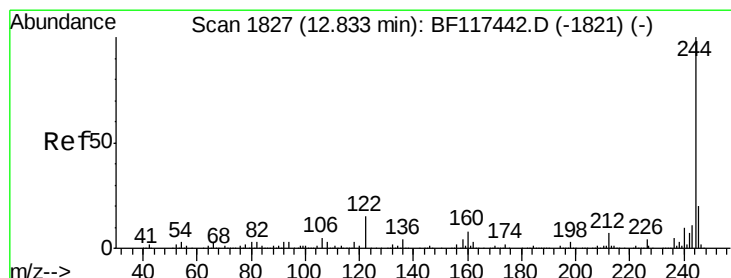
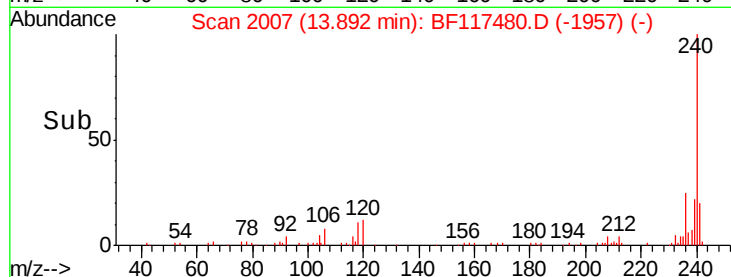
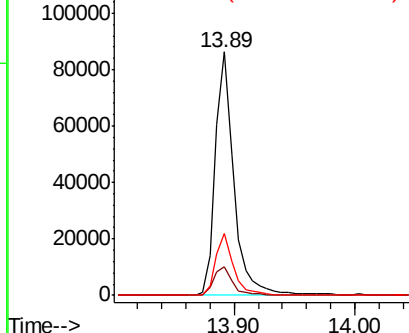
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117480.D
Acq: 22 Oct 2019 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 90820
Ion Ratio Lower Upper
240 100
120 11.9 8.4 12.6
236 25.4 20.0 30.0

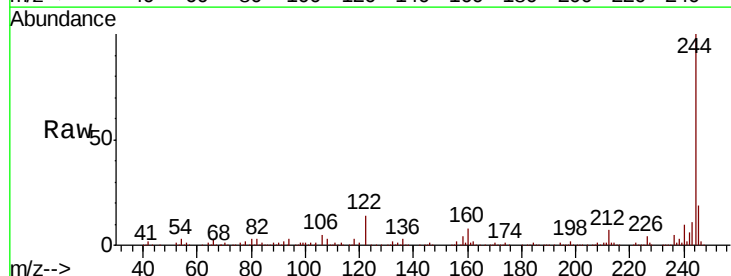


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

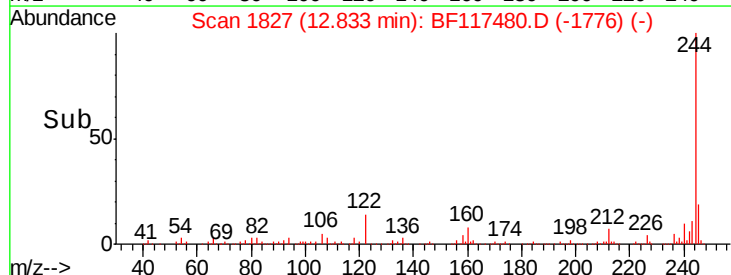
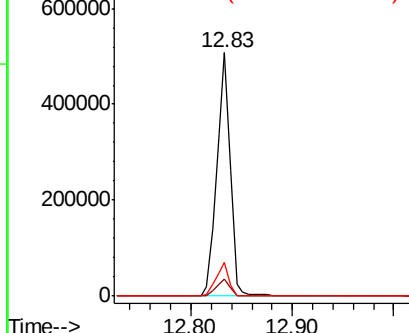


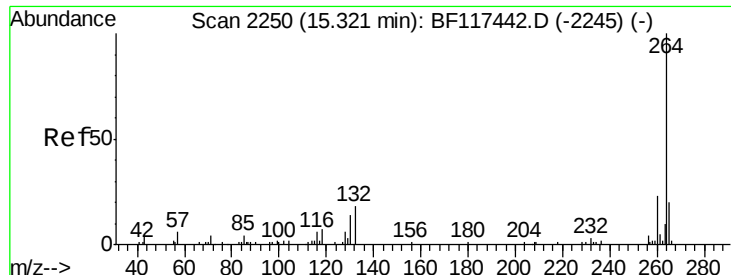
#79
Terphenyl-d14
Concen: 84.155 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117480.D
Acq: 22 Oct 2019 16:17

Tgt Ion:244 Resp: 468573
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 14.0 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

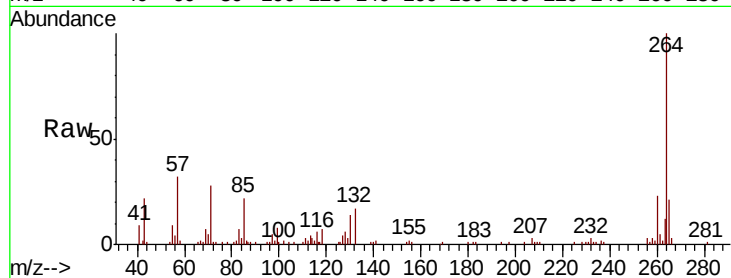




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117480.D
Acq: 22 Oct 2019 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	20.5	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

