

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110119\
 Data File : BF117676.D
 Acq On : 1 Nov 2019 13:03
 Operator : JU
 Sample : K5148-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 14:12:53 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

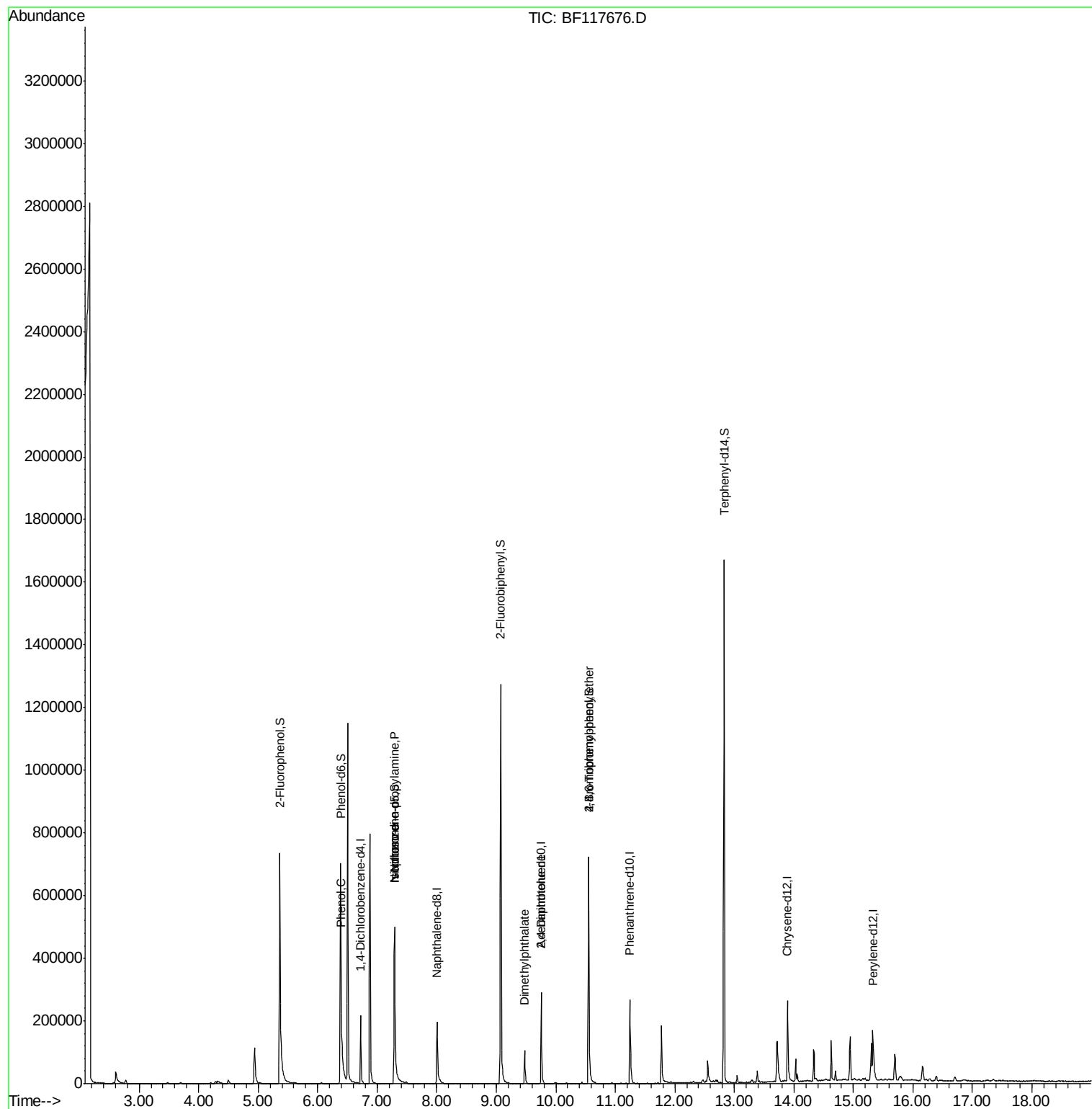
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	34478	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	134548	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	72865	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	132032	20.00	ng	0.00
76) Chrysene-d12	13.89	240	102002	20.00	ng	0.00
87) Perylene-d12	15.33	264	100969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	303036	130.76	ng	0.01
7) Phenol-d6	6.39	99	397945	127.85	ng	0.00
23) Nitrobenzene-d5	7.29	82	259951	95.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	90969	144.29	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	456137	88.20	ng	-0.02
79) Terphenyl-d14	12.83	244	534853	85.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.38	77	286	Below Cal	Qvalue #	3
10) Phenol	6.40	94	10398	3.273 ng	#	80
19) n-Nitroso-di-n-propylamine	7.29	70	33249	17.490 ng	#	81
25) Isophorone	7.29	82	259967	55.139 ng	#	65
50) Dimethylphthalate	9.48	163	59017	11.361 ng		99
57) 2,4-Dinitrotoluene	9.76	165	9015	6.255 ng	#	12
67) 4-Bromophenyl-phenylether	10.55	248	5850	4.114 ng	#	1

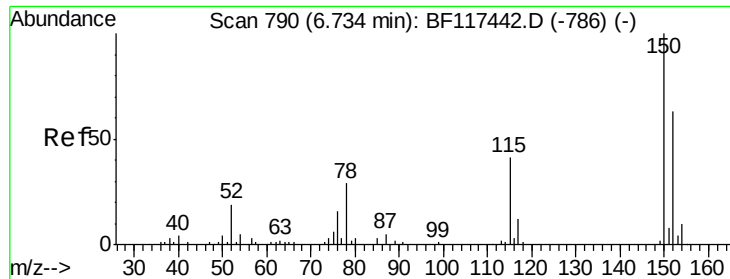
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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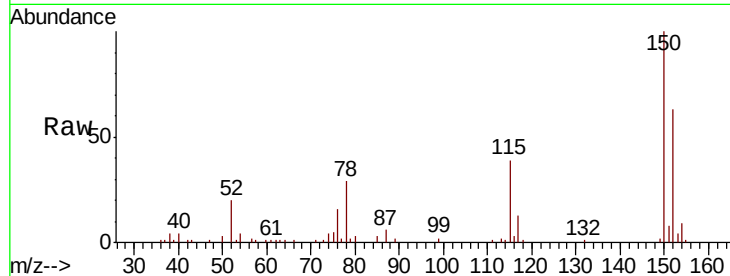


#1

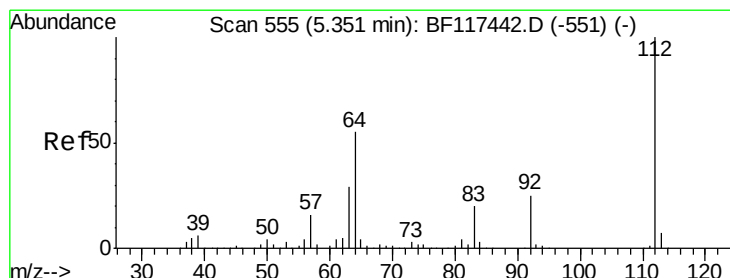
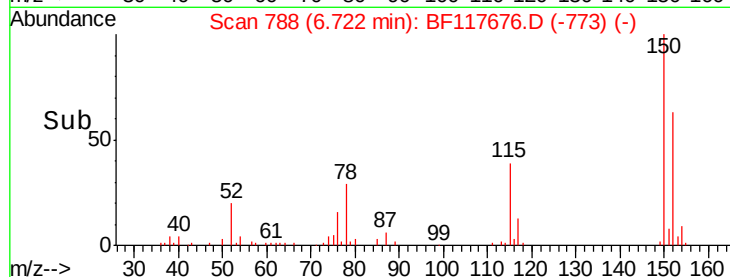
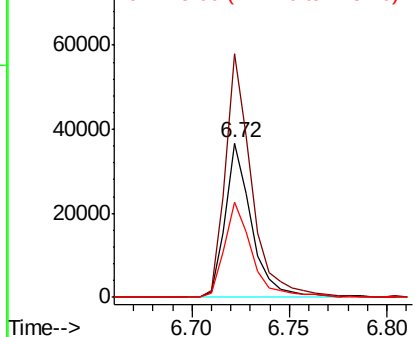
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF117676.D
Acq: 1 Nov 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 34478
Ion Ratio Lower Upper
152 100
150 157.6 126.8 190.2
115 61.6 51.6 77.4



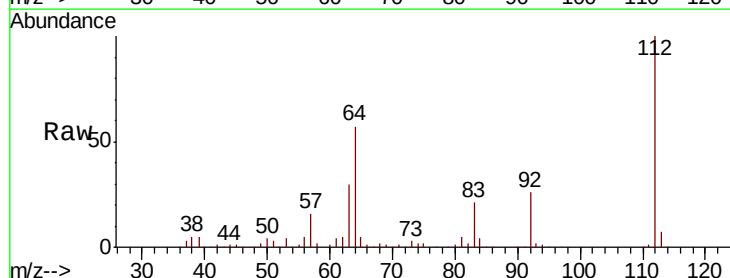
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



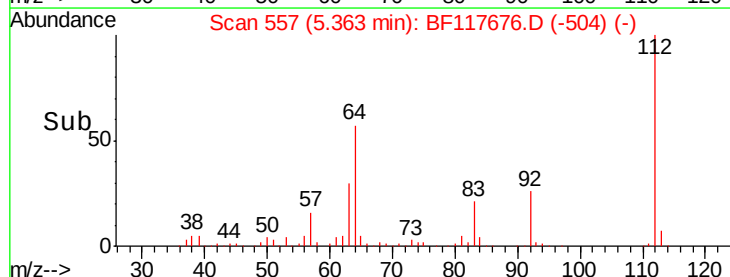
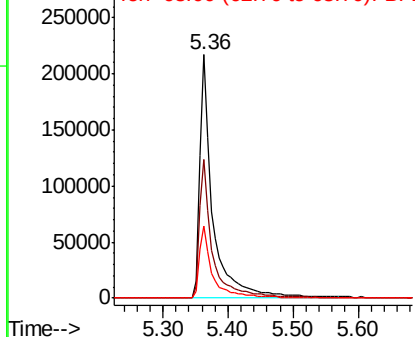
#5

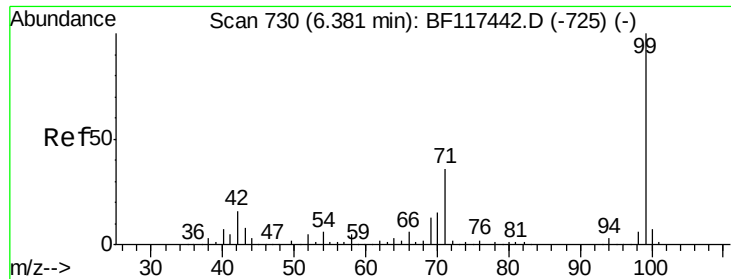
2-Fluorophenol
Concen: 130.758 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117676.D
Acq: 1 Nov 2019 13:03

Tgt Ion:112 Resp: 303036
Ion Ratio Lower Upper
112 100
64 57.2 44.1 66.1
63 29.7 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: 127.845 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117676.D

Acq: 1 Nov 2019 13:03

Instrument :

BNA_F

ClientSampleId :

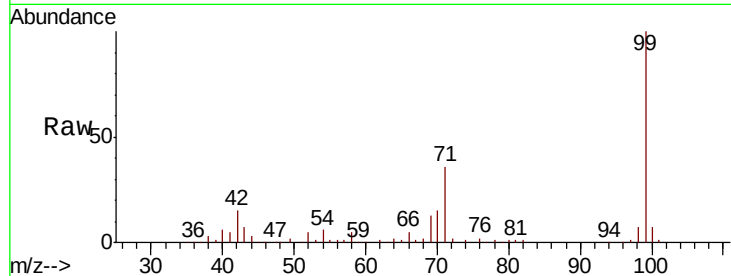
Tot Ion: 99 Resp: 397945

Ion Ratio Lower Upper

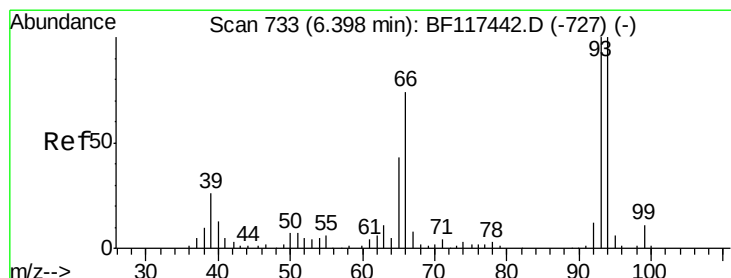
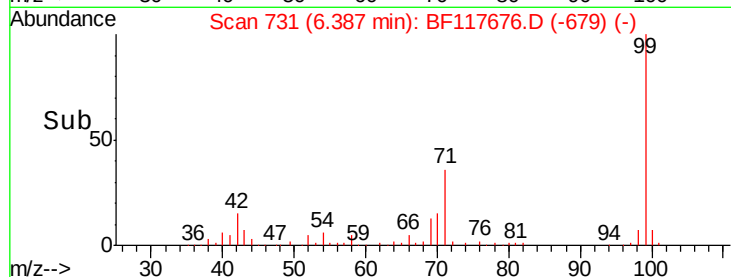
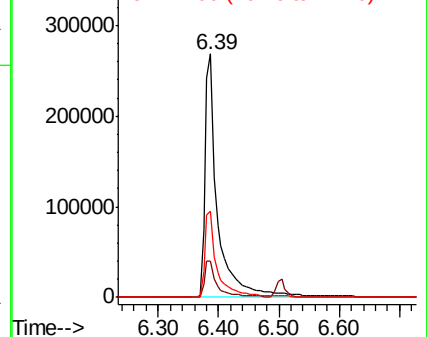
99 100

42 14.8 12.8 19.2

71 35.6 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: 3.273 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF117676.D

Acq: 1 Nov 2019 13:03

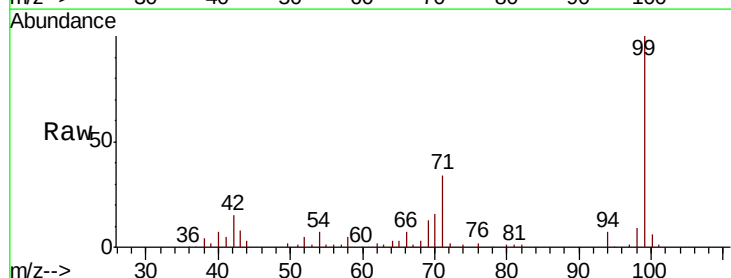
Tgt Ion: 94 Resp: 10398

Ion Ratio Lower Upper

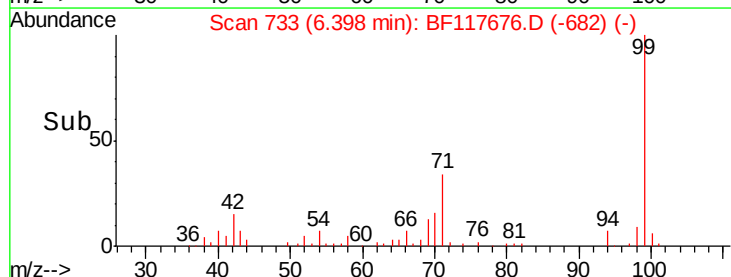
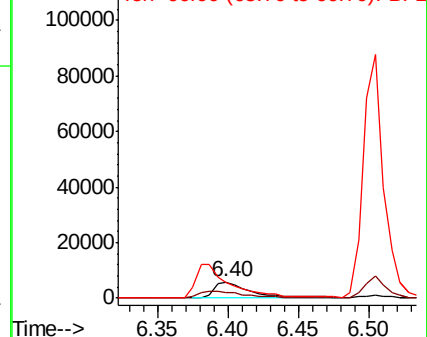
94 100

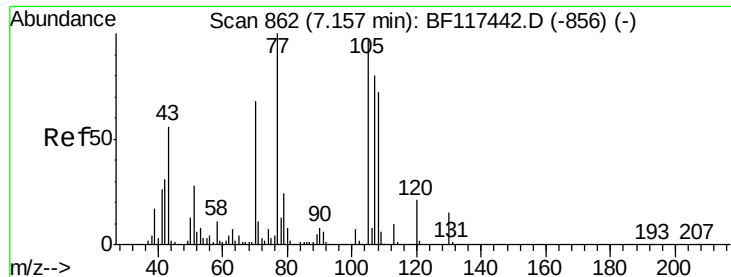
65 38.2 23.4 63.4

66 97.0 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

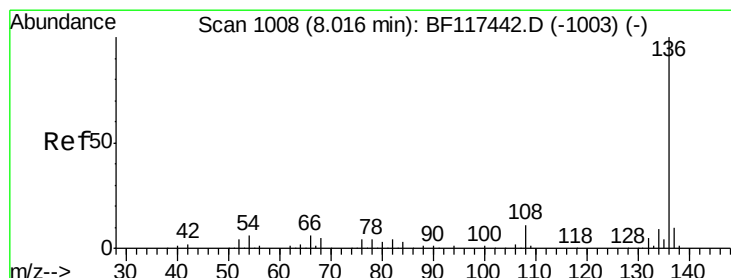
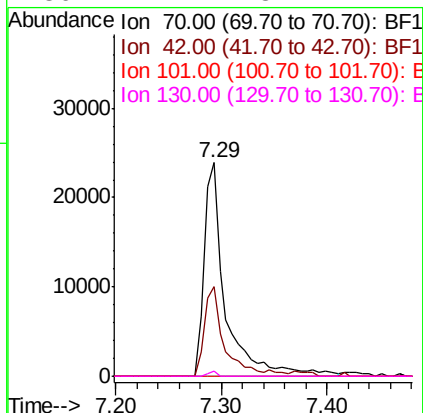
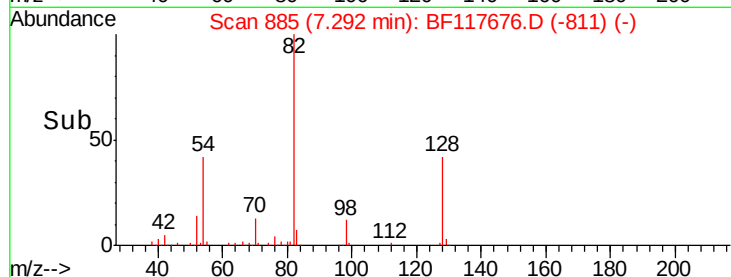
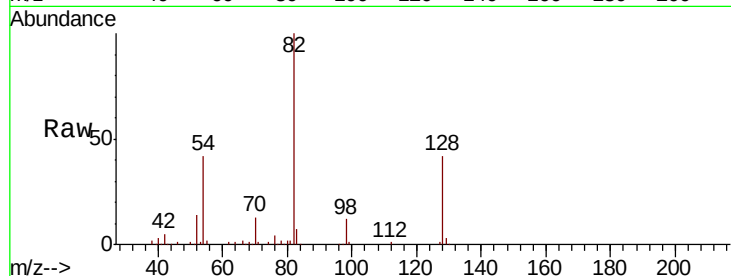




#19
n-Nitroso-di-n-propylamine
Concen: 17.490 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117676.D
Acq: 1 Nov 2019 13:03

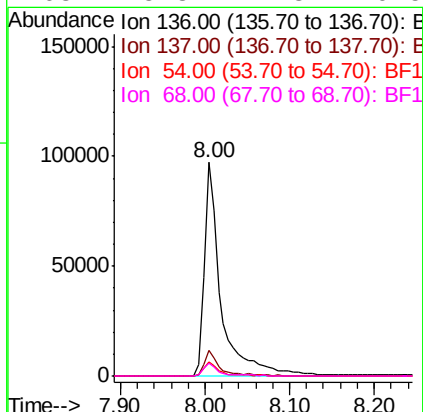
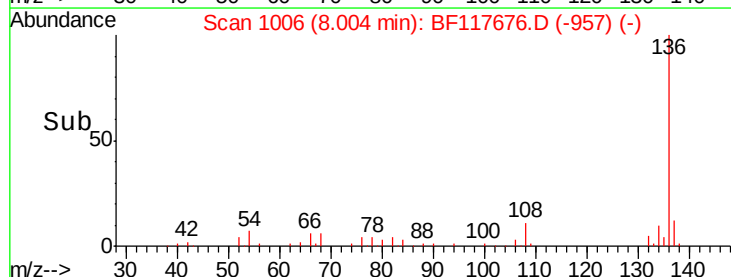
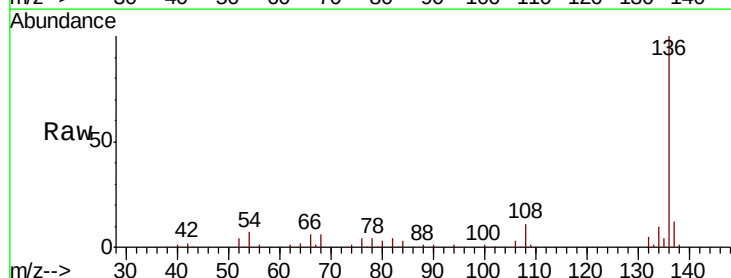
Instrument :
BNA_F
ClientSampleId :

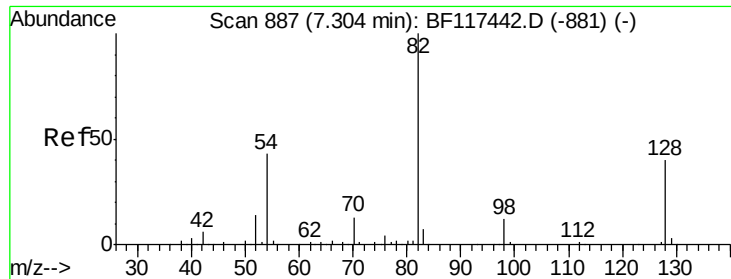
Tot Ion: 70 Resp: 33249
Ion Ratio Lower Upper
70 100
42 42.2 36.7 55.1
101 0.0 8.3 12.5#
130 2.4 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF117676.D
Acq: 1 Nov 2019 13:03

Tgt Ion:136 Resp: 134548
Ion Ratio Lower Upper
136 100
137 11.8 8.2 12.4
54 6.7 4.5 6.7
68 5.8 4.3 6.5

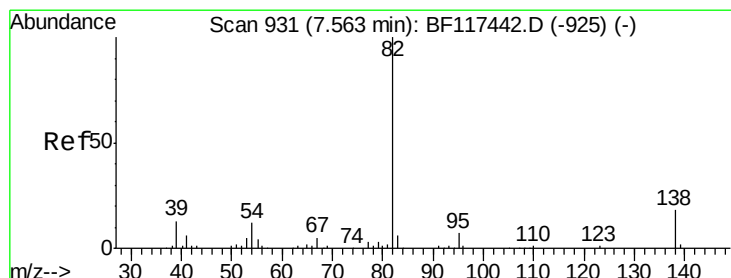
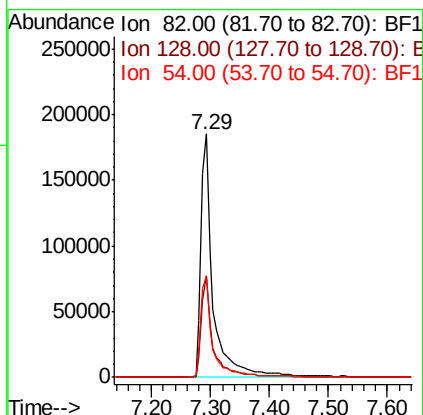
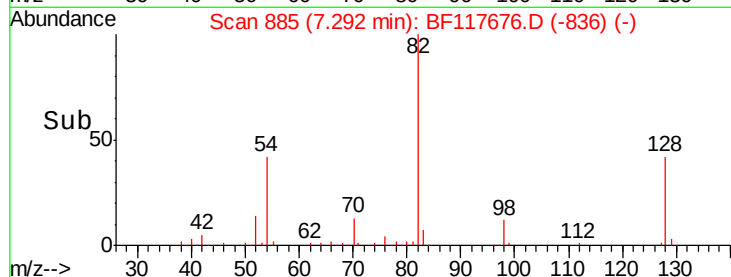
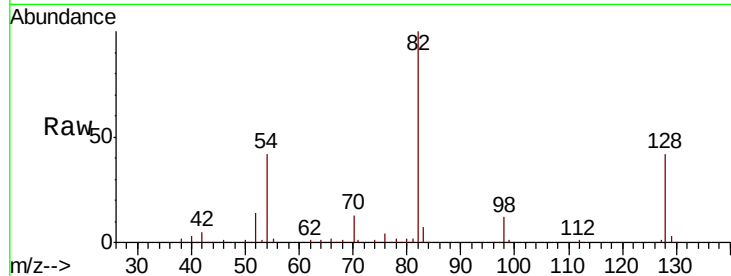




#23
Nitrobenzene-d5
Concen: 95.380 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117676.D
Acq: 1 Nov 2019 13:03

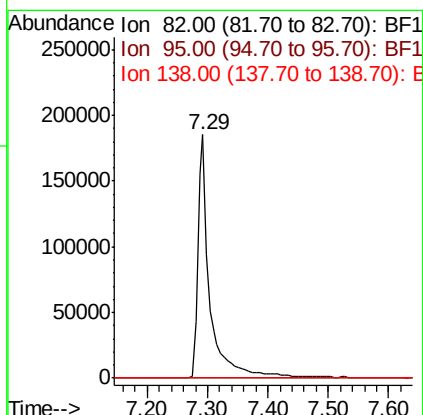
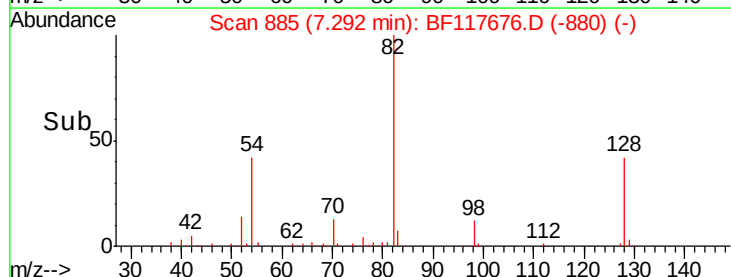
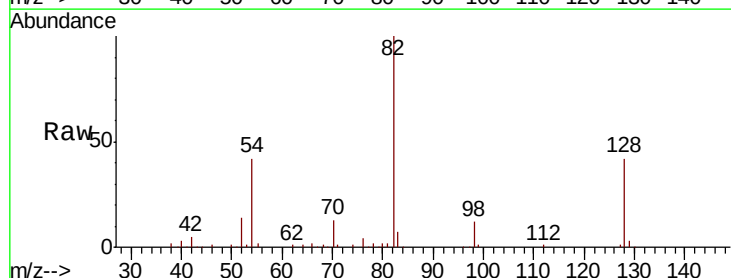
Instrument :
BNA_F
ClientSampled :

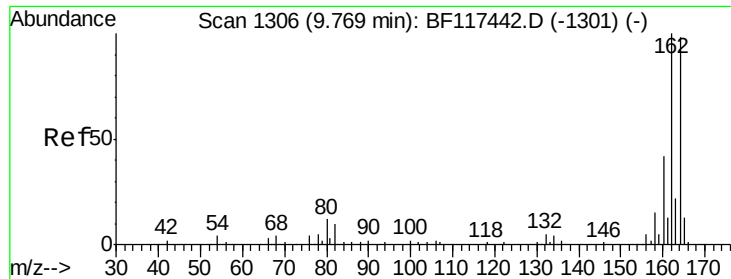
Tot Ion: 82 Resp: 259951
Ion Ratio Lower Upper
82 100
128 41.7 32.2 48.2
54 41.8 34.2 51.2



#25
Isophorone
Concen: 55.139 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117676.D
Acq: 1 Nov 2019 13:03

Tgt Ion: 82 Resp: 259967
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.2 21.2#

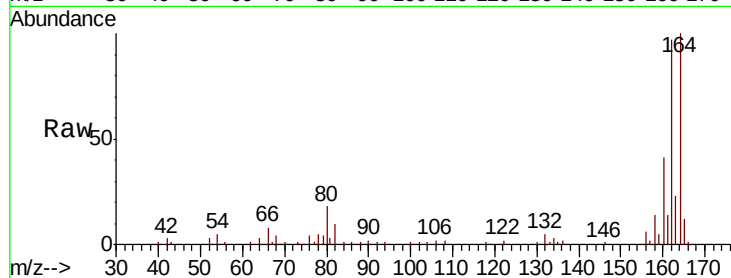




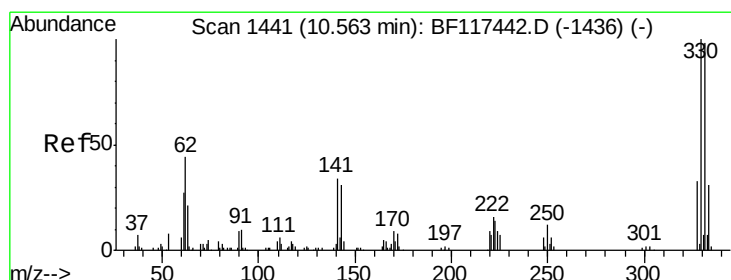
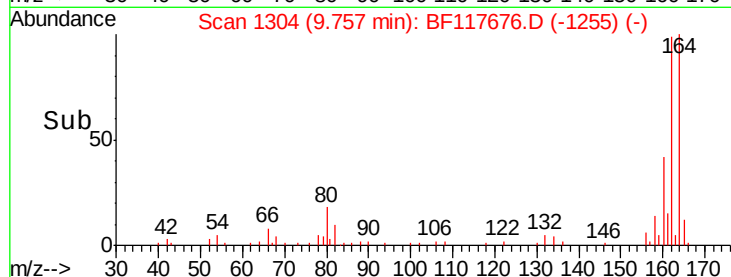
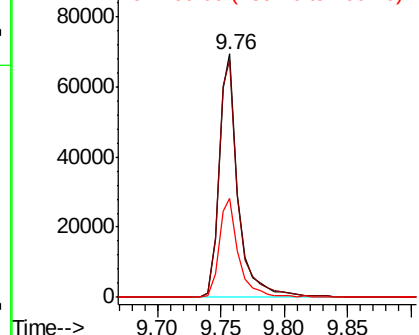
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117676.D
Acq: 1 Nov 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 72865
Ion Ratio Lower Upper
164 100
162 97.3 81.8 122.6
160 40.6 34.4 51.6

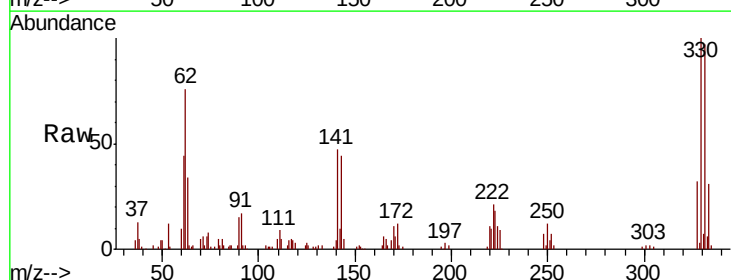


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

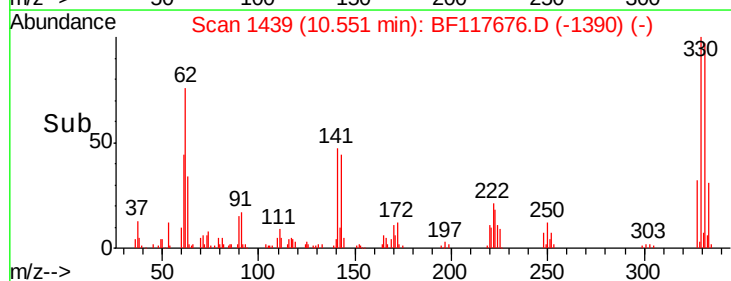
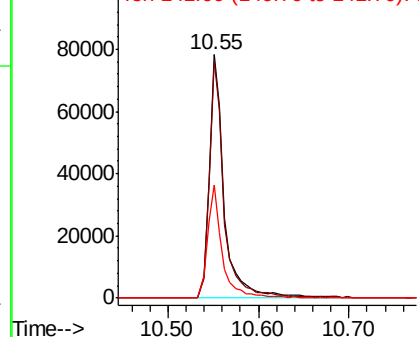


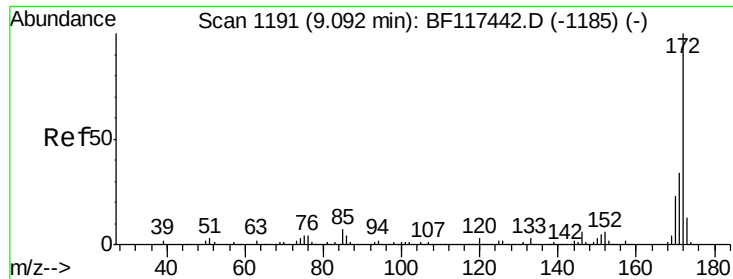
#42
2,4,6-Tribromophenol
Concen: 144.288 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF117676.D
Acq: 1 Nov 2019 13:03

Tgt Ion:330 Resp: 90969
Ion Ratio Lower Upper
330 100
332 96.5 78.5 117.7
141 45.3 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

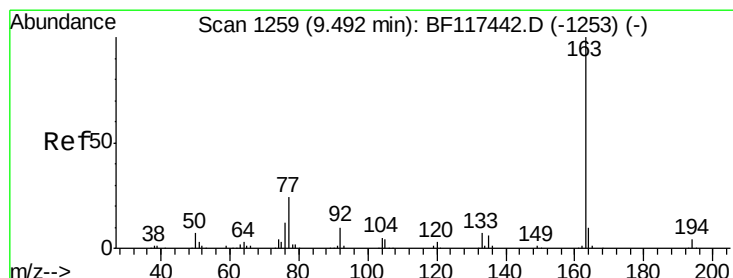
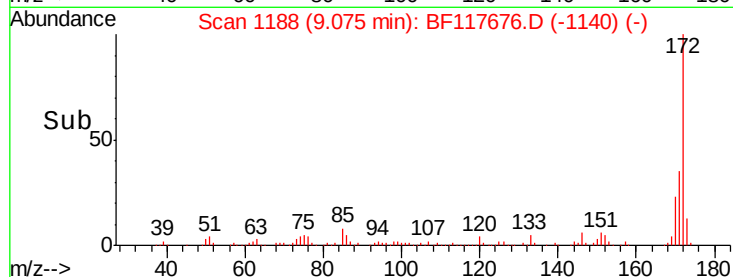
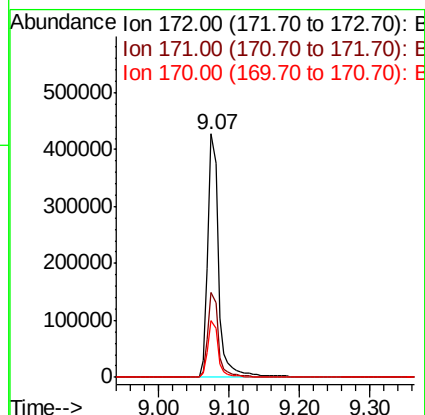
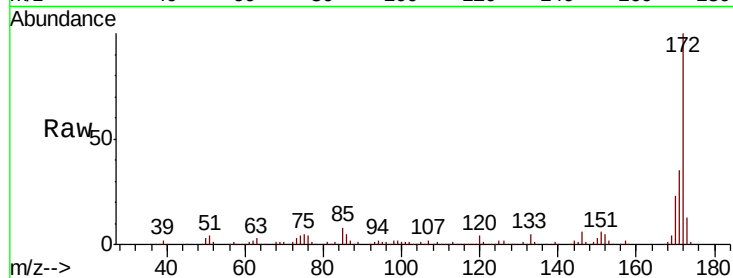




#45
2-Fluorobiphenyl
Concen: 88.203 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF117676.D
Acq: 1 Nov 2019 13:03

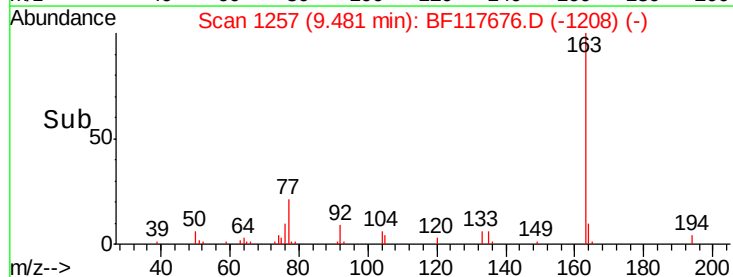
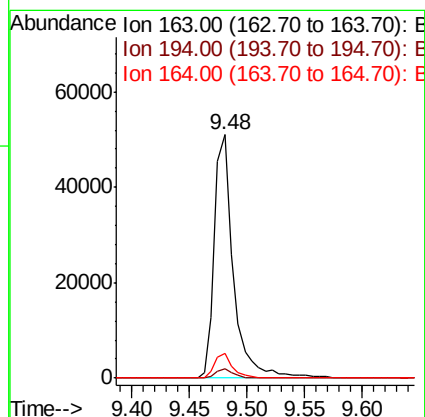
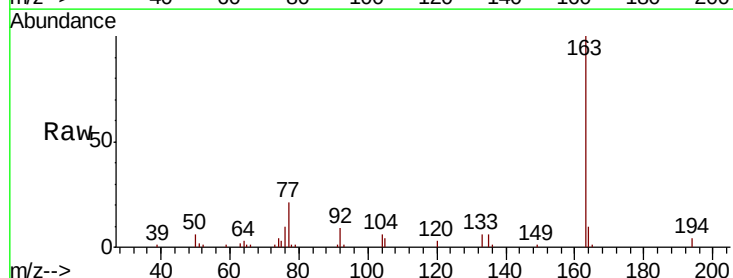
Instrument :
BNA_F
ClientSampleId :

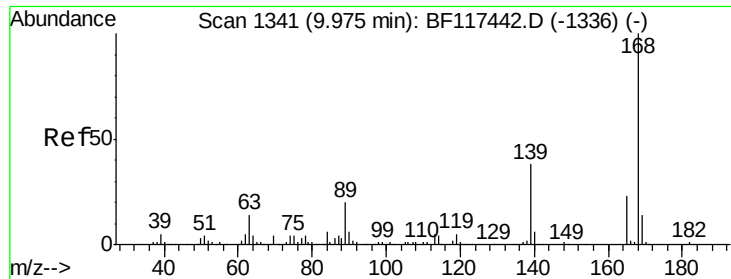
Tot Ion:172 Resp: 456137
Ion Ratio Lower Upper
172 100
171 35.0 27.5 41.3
170 23.2 18.6 27.8



#50
Dimethylphthalate
Concen: 11.361 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117676.D
Acq: 1 Nov 2019 13:03

Tgt Ion:163 Resp: 59017
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.9 8.2 12.2





#57

2,4-Dinitrotoluene

Concen: 6.255 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.22 min

Lab File: BF117676.D

Acq: 1 Nov 2019 13:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 9015

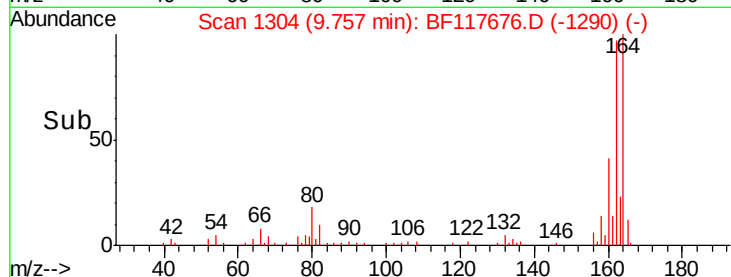
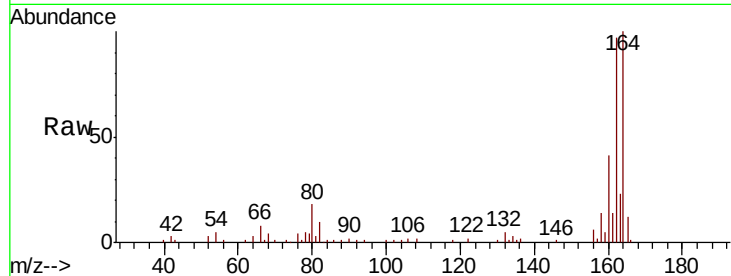
Ion Ratio Lower Upper

165 100

63 0.0 51.4 77.0#

89 0.0 69.9 104.9#

182 0.0 1.9 2.9#

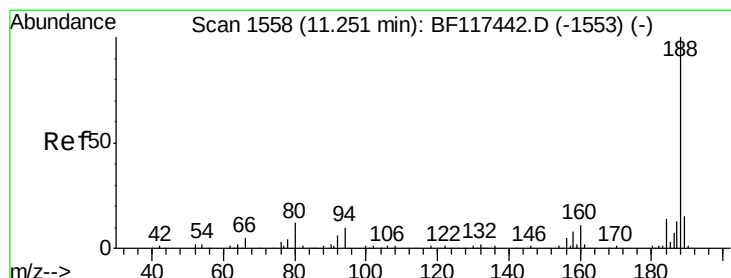
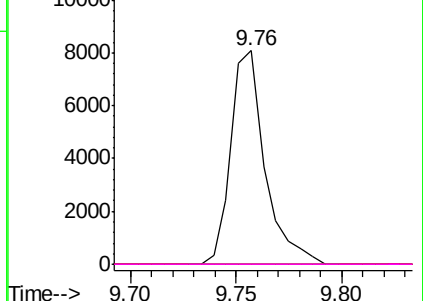


Abundance Ion 165.00 (164.70 to 165.70): E

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# 1557

Delta R.T. -0.01 min

Lab File: BF117676.D

Acq: 1 Nov 2019 13:03

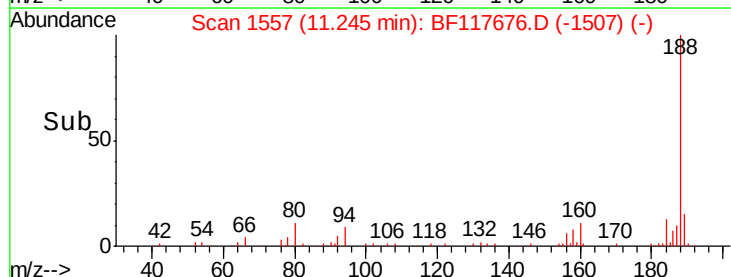
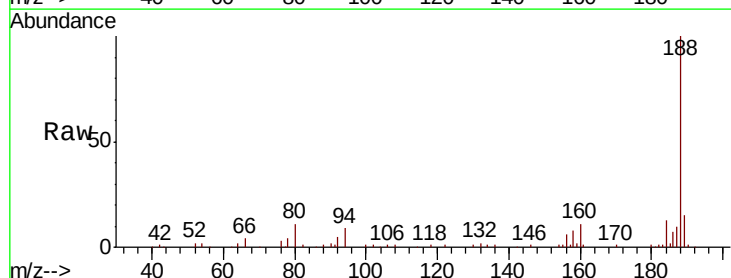
Tgt Ion:188 Resp: 132032

Ion Ratio Lower Upper

188 100

94 9.1 8.0 12.0

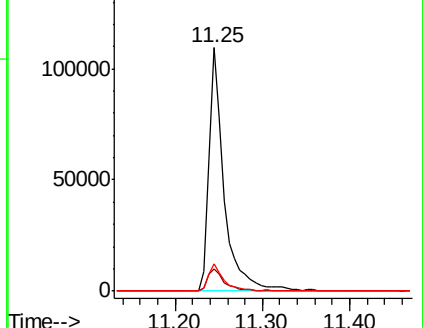
80 11.3 9.5 14.3

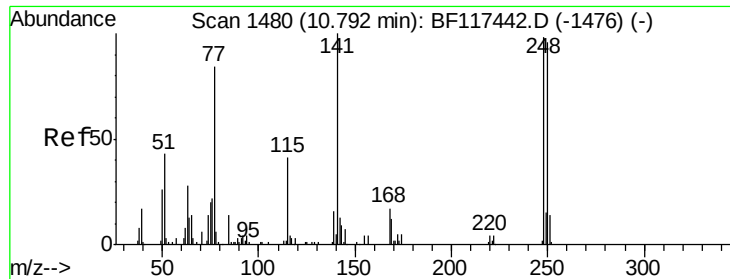


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

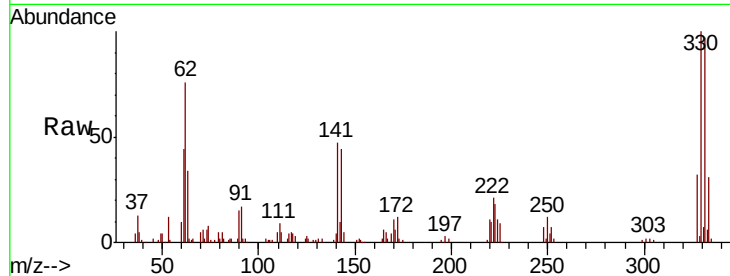




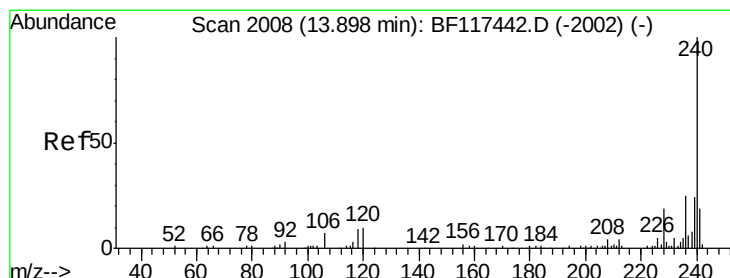
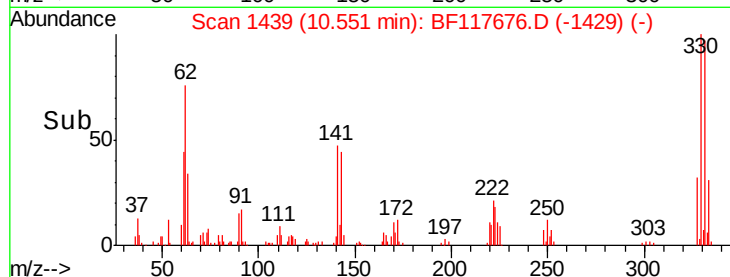
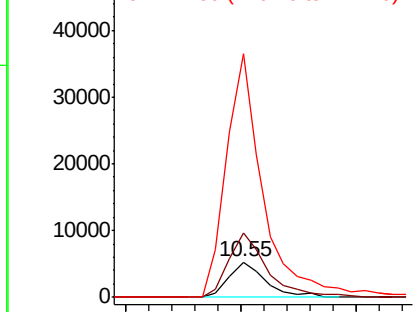
#67
4-Bromophenyl-phenylether
Concen: 4.114 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF117676.D
Acq: 1 Nov 2019 13:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 5850
Ion Ratio Lower Upper
248 100
250 183.1 78.0 117.0#
141 688.8 81.7 122.5#

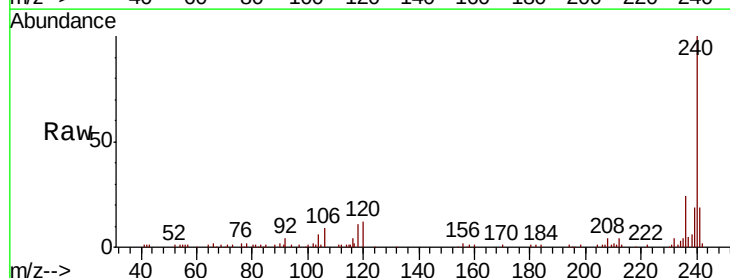


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

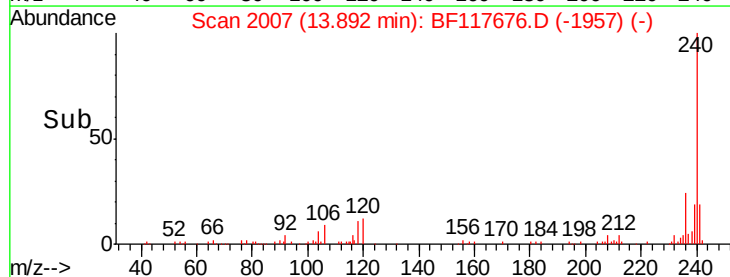
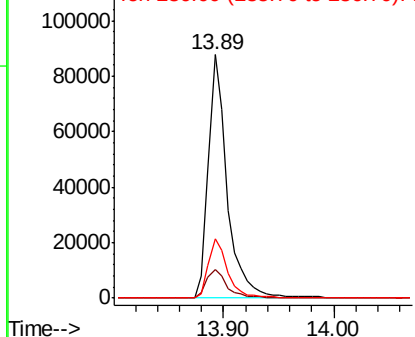


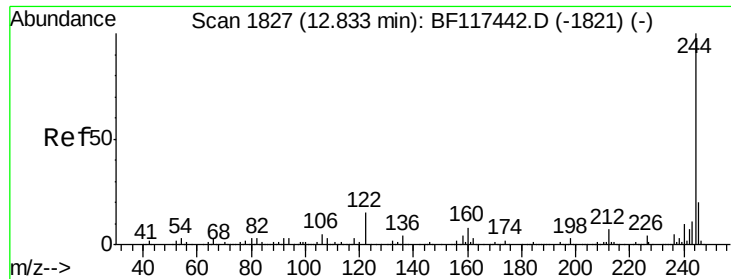
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117676.D
Acq: 1 Nov 2019 13:03

Tgt Ion:240 Resp: 102002
Ion Ratio Lower Upper
240 100
120 11.9 8.4 12.6
236 24.3 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

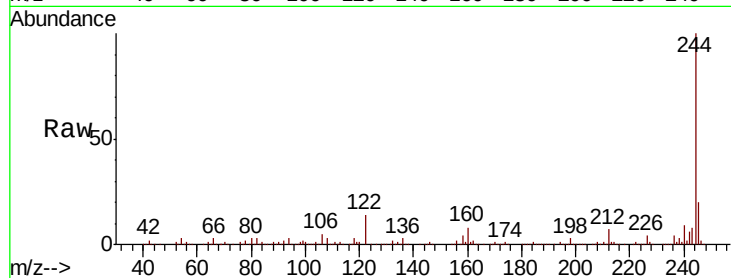




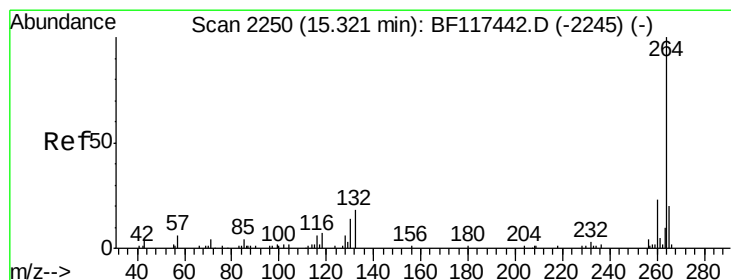
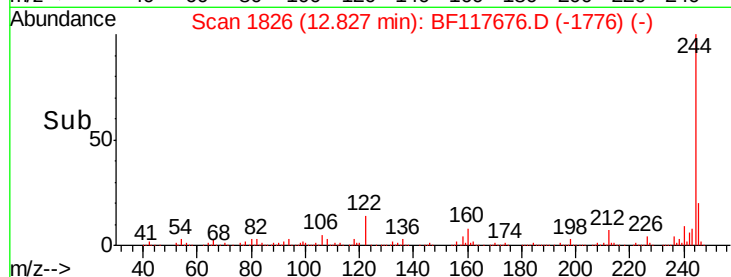
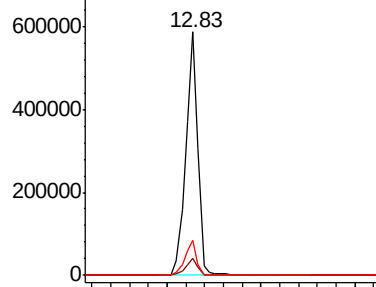
#79
 Terphenyl-d14
 Concen: 85.528 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117676.D
 Acq: 1 Nov 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 534853
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 14.3 11.8 17.8

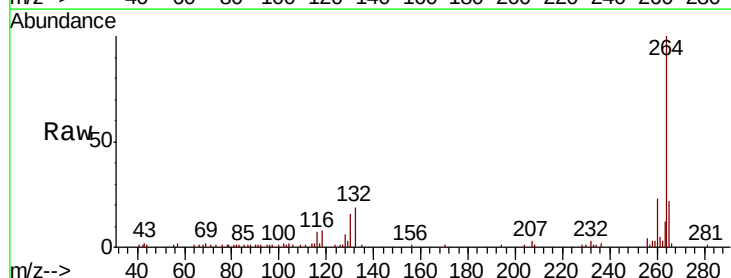


Abundance Ion 244.00 (243.70 to 244.70): E
 800000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF117676.D
 Acq: 1 Nov 2019 13:03

Tgt Ion:264 Resp: 100969
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 22.5 16.1 24.1



Abundance Ion 264.00 (263.70 to 264.70): E
 60000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

