

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
 Data File : BF117654.D
 Acq On : 31 Oct 2019 13:31
 Operator : JU
 Sample : K5541-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 153-08-(0-1.1)

Quant Time: Oct 31 18:51:28 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

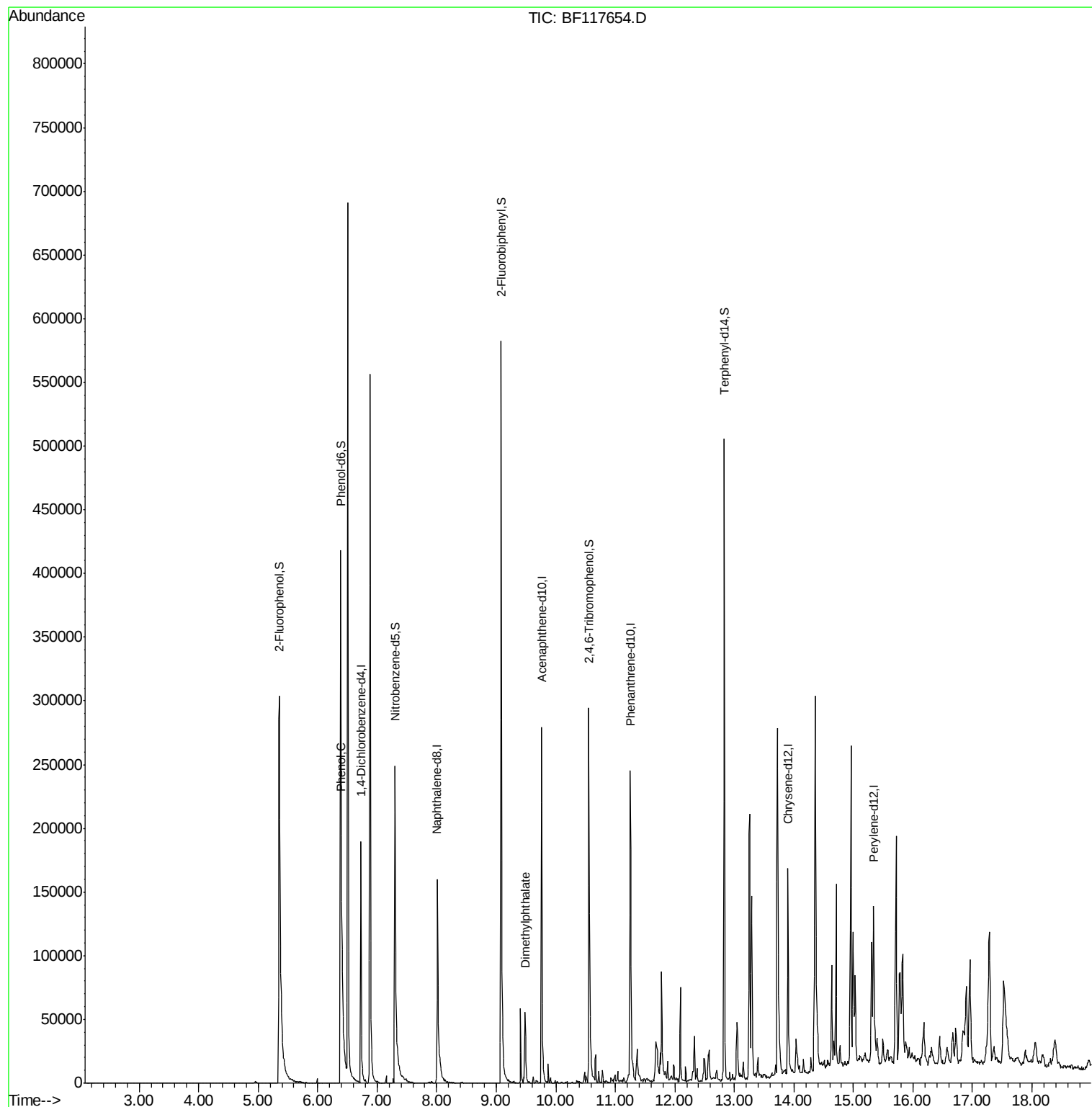
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	32717	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	135910	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	69078	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	114570	20.00	ng	0.00
76) Chrysene-d12	13.90	240	65382	20.00	ng	0.00
87) Perylene-d12	15.34	264	66551	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	184261	83.79	ng	0.00
7) Phenol-d6	6.39	99	264238	89.46	ng	0.00
23) Nitrobenzene-d5	7.30	82	161540	58.68	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	43796	73.27	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	229870	46.89	ng	-0.01
79) Terphenyl-d14	12.83	244	167581	41.81	ng	0.00
Target Compounds						
10) Phenol	6.40	94	10840	3.596	ng	91
50) Dimethylphthalate	9.49	163	33789	6.861	ng	# 98

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

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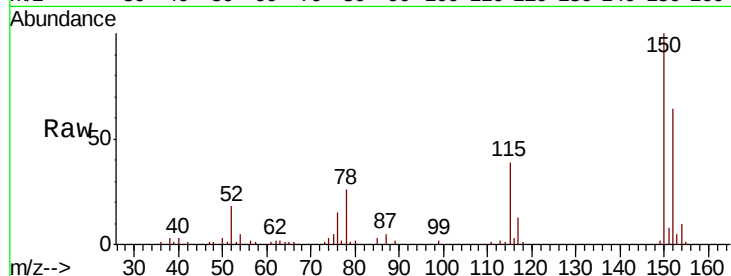


#1

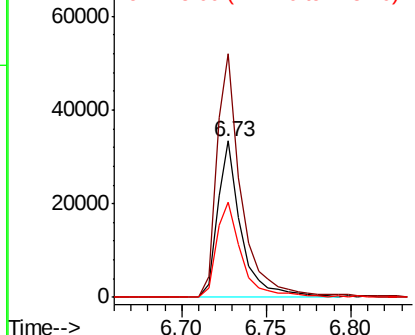
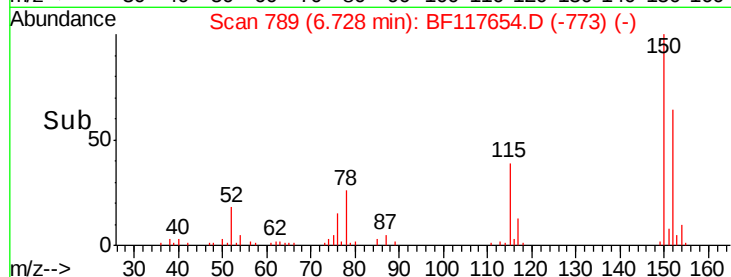
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117654.D
Acq: 31 Oct 2019 13:31

Instrument :
BNA_F
ClientSampleId :
153-08-(0-1.1)

Tot Ion:152 Resp: 32717
Ion Ratio Lower Upper
152 100
150 155.6 126.8 190.2
115 61.0 51.6 77.4



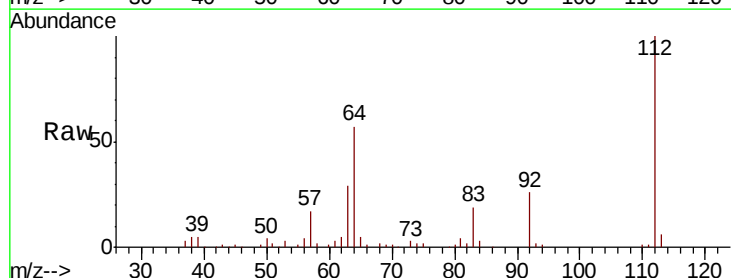
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



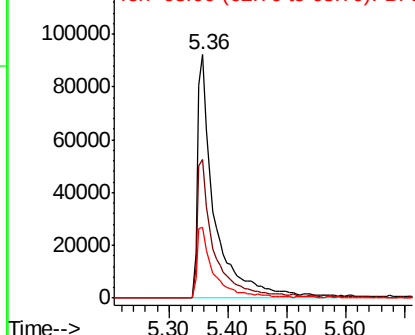
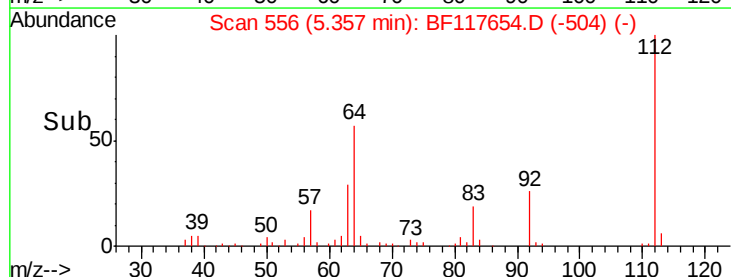
#5

2-Fluorophenol
Concen: 83.787 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117654.D
Acq: 31 Oct 2019 13:31

Tgt Ion:112 Resp: 184261
Ion Ratio Lower Upper
112 100
64 57.0 44.1 66.1
63 29.2 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: 89.459 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117654.D

Acq: 31 Oct 2019 13:31

Instrument :

BNA_F

ClientSampleId :

153-08-(0-1.1)

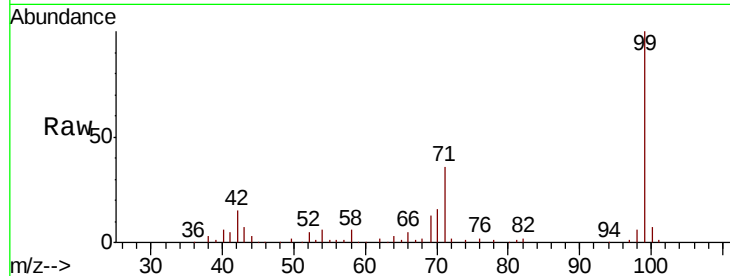
Tot Ion: 99 Resp: 264238

Ion Ratio Lower Upper

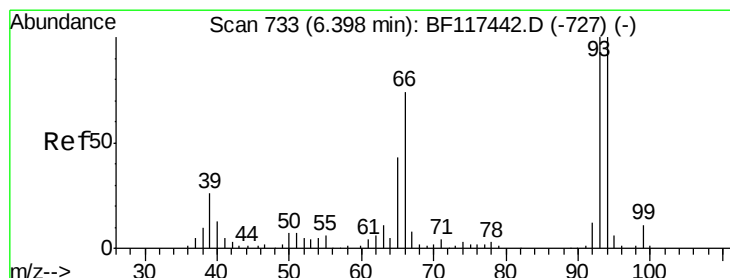
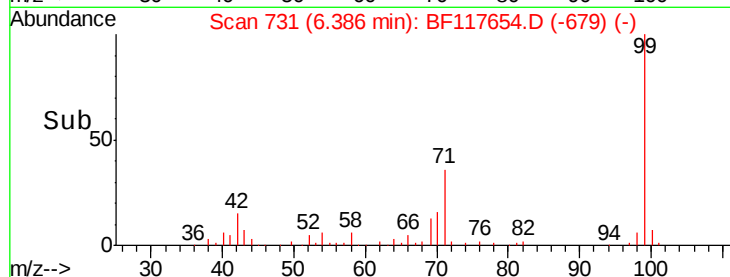
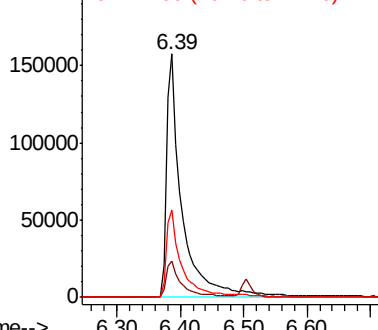
99 100

42 15.0 12.8 19.2

71 35.7 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: 3.596 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF117654.D

Acq: 31 Oct 2019 13:31

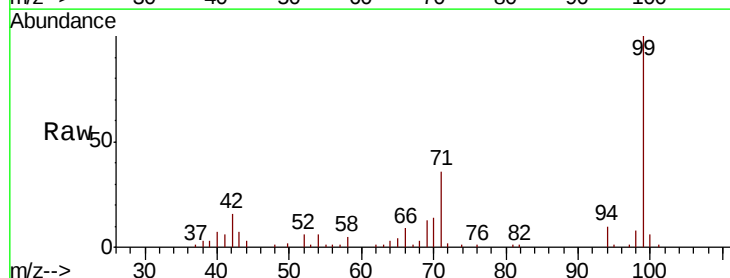
Tgt Ion: 94 Resp: 10840

Ion Ratio Lower Upper

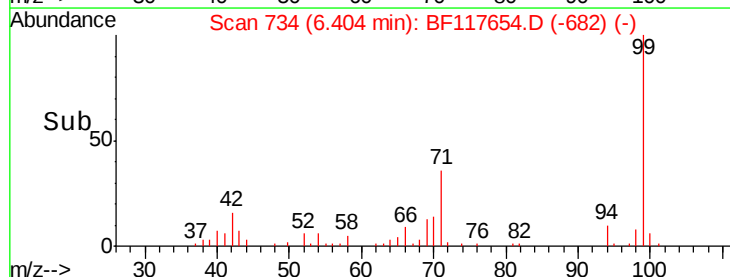
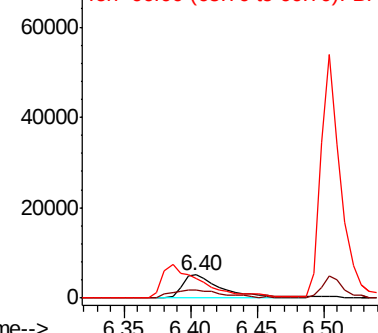
94 100

65 37.6 23.4 63.4

66 82.5 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

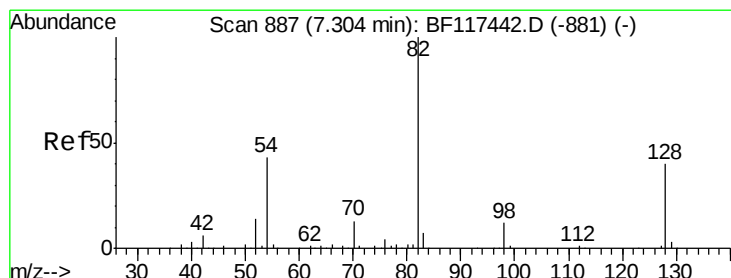
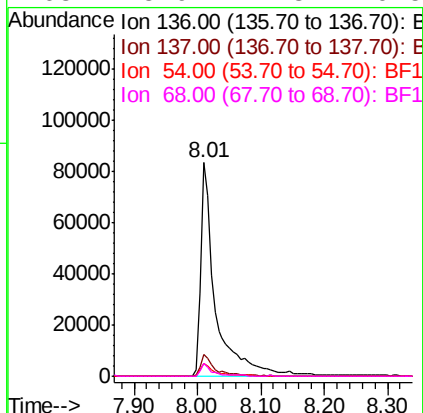
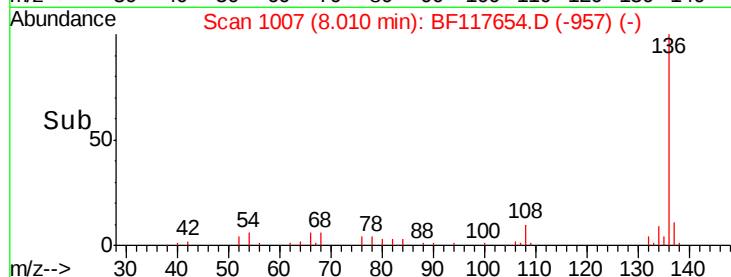
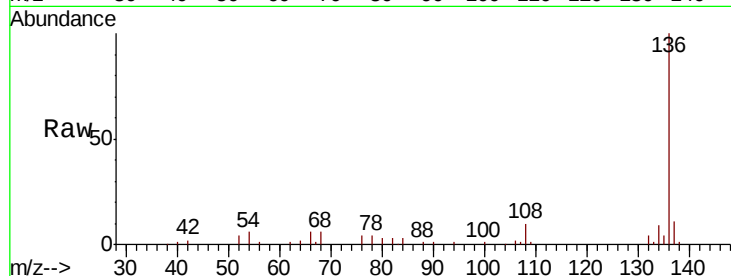




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117654.D
Acq: 31 Oct 2019 13:31

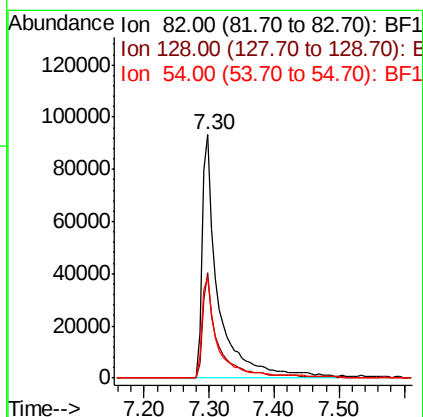
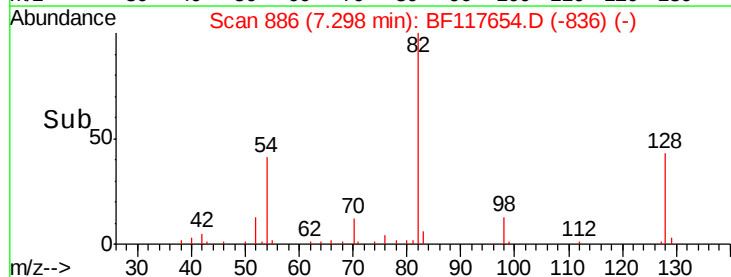
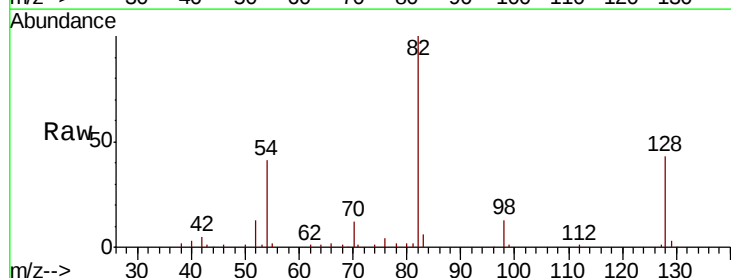
Instrument :
BNA_F
ClientSampleId :
153-08-(0-1.1)

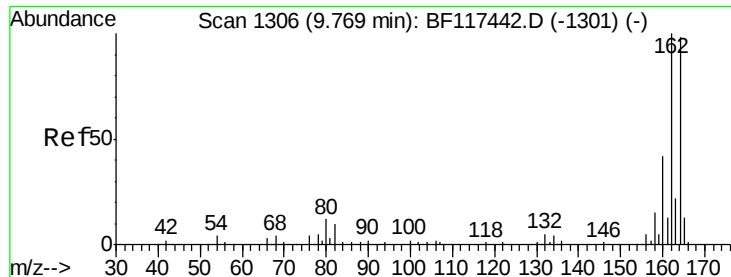
Tot Ion:136	Resp:	135910
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.2 12.4
54	6.3	4.5 6.7
68	5.9	4.3 6.5



#23
Nitrobenzene-d5
Concen: 58.678 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117654.D
Acq: 31 Oct 2019 13:31

Tgt Ion: 82	Resp:	161540
Ion	Ratio	Lower Upper
82	100	
128	43.3	32.2 48.2
54	41.2	34.2 51.2

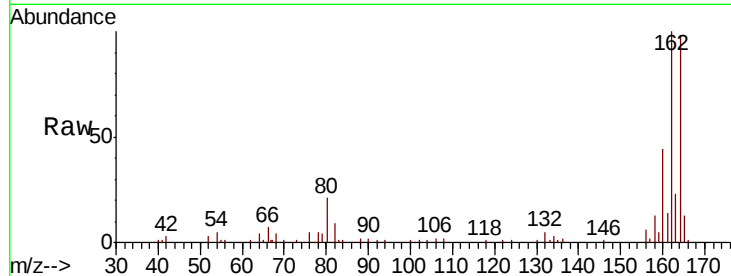




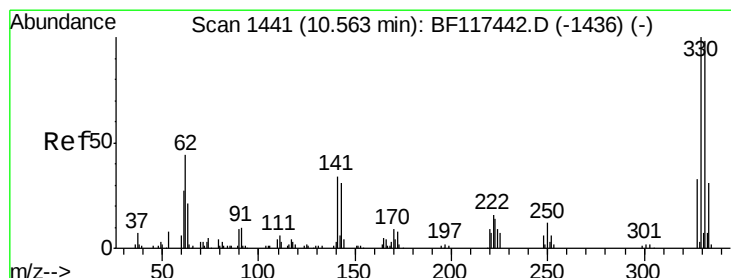
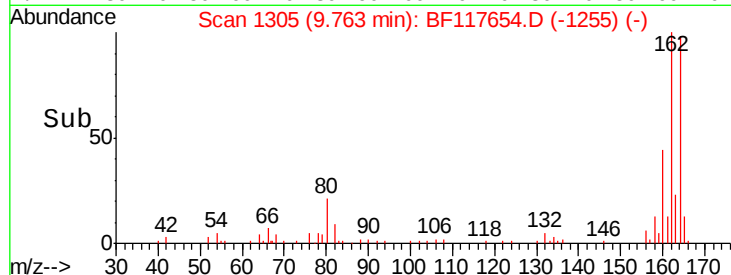
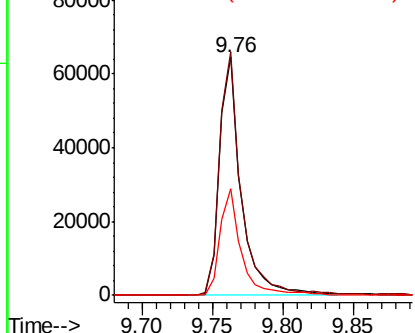
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117654.D
Acq: 31 Oct 2019 13:31

Instrument :
BNA_F
ClientSampleId :
153-08-(0-1.1)

Tot Ion:164 Resp: 69078
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 44.7 34.4 51.6

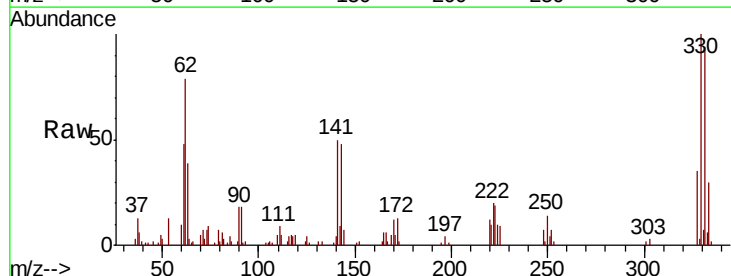


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

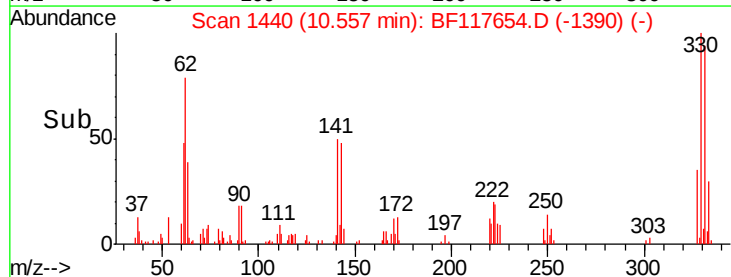
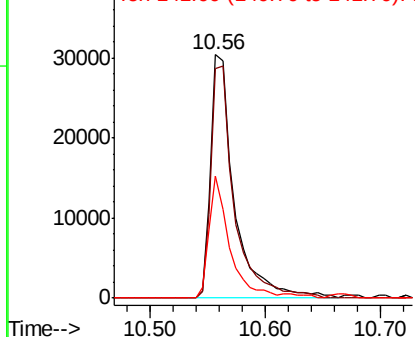


#42
2,4,6-Tribromophenol
Concen: 73.274 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117654.D
Acq: 31 Oct 2019 13:31

Tgt Ion:330 Resp: 43796
Ion Ratio Lower Upper
330 100
332 93.2 78.5 117.7
141 44.5 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

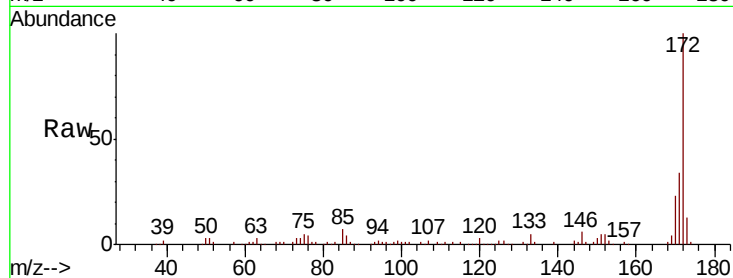




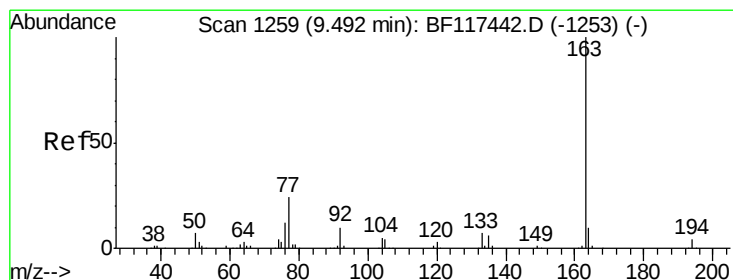
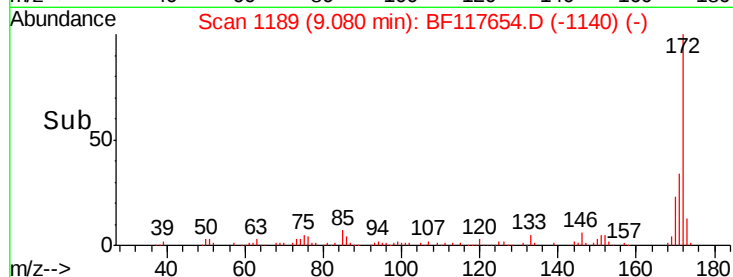
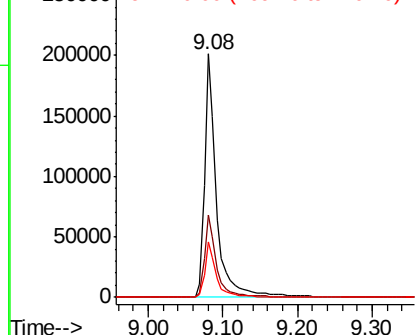
#45
2-Fluorobiphenyl
Concen: 46.887 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117654.D
Acq: 31 Oct 2019 13:31

Instrument :
BNA_F
ClientSampleId :
153-08-(0-1.1)

Tot Ion:172 Resp: 229870
Ion Ratio Lower Upper
172 100
171 34.0 27.5 41.3
170 22.7 18.6 27.8

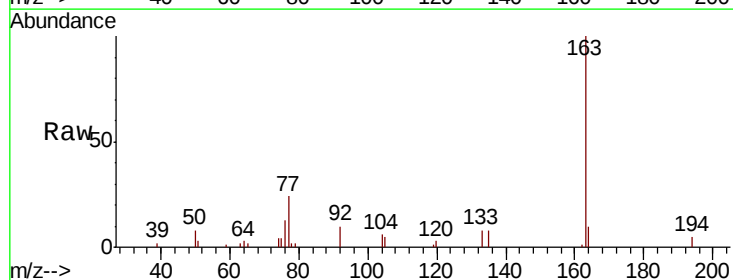


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

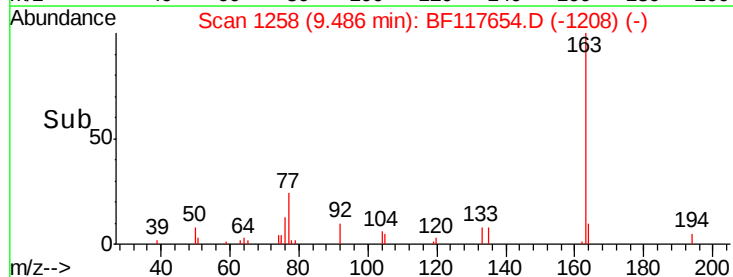
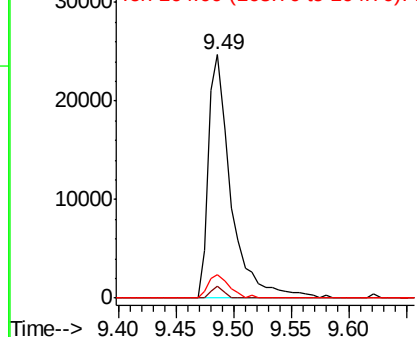


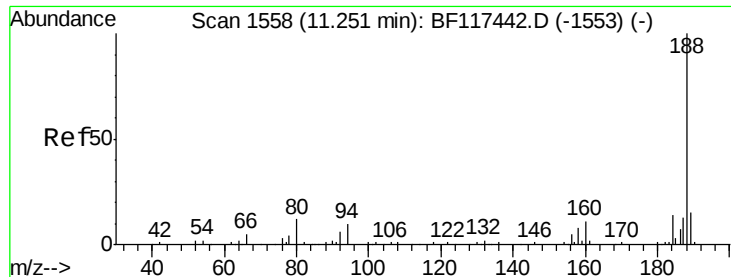
#50
Dimethylphthalate
Concen: 6.861 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117654.D
Acq: 31 Oct 2019 13:31

Tgt Ion:163 Resp: 33789
Ion Ratio Lower Upper
163 100
194 5.0 2.9 4.3#
164 9.6 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF117654.D

Acq: 31 Oct 2019 13:31

Instrument :

BNA_F

ClientSampleId :

153-08-(0-1.1)

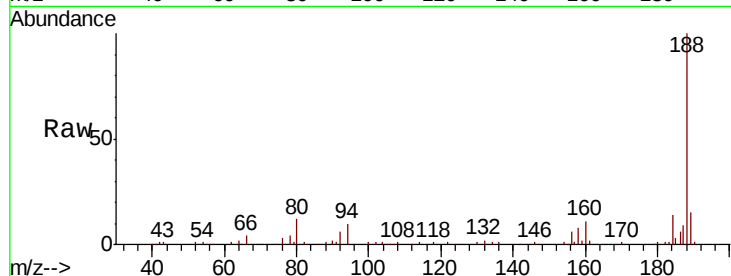
Tot Ion:188 Resp: 114570

Ion Ratio Lower Upper

188 100

94 10.4 8.0 12.0

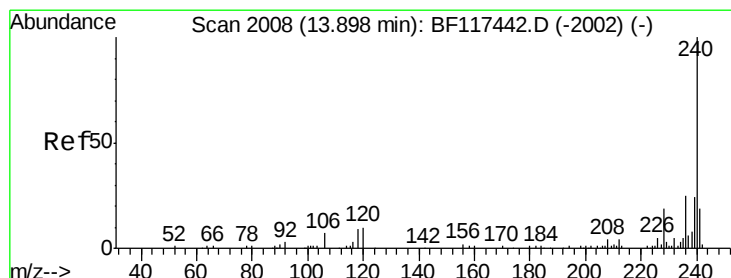
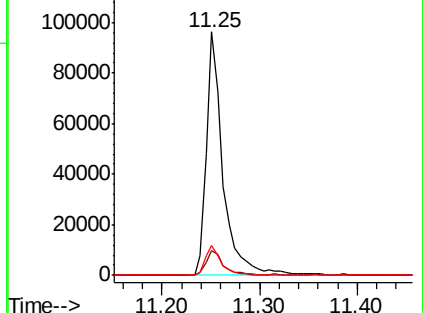
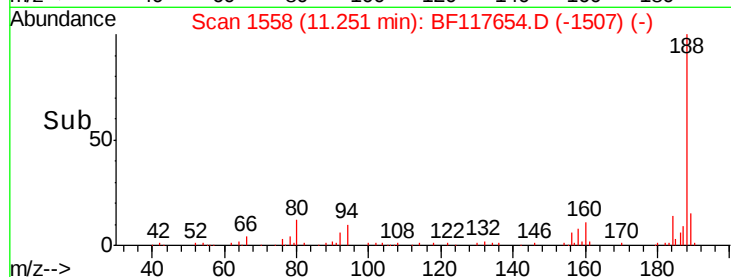
80 12.4 9.5 14.3



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF117654.D

Acq: 31 Oct 2019 13:31

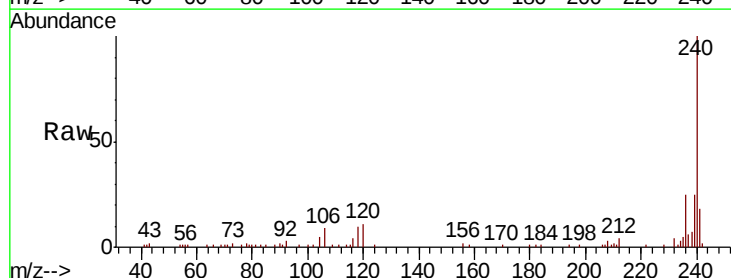
Tgt Ion:240 Resp: 65382

Ion Ratio Lower Upper

240 100

120 11.3 8.4 12.6

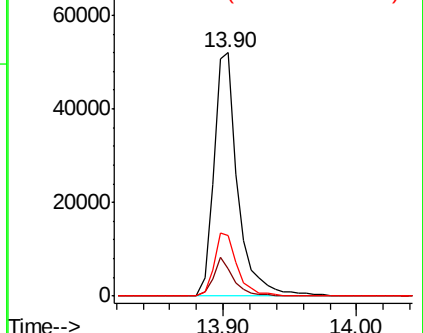
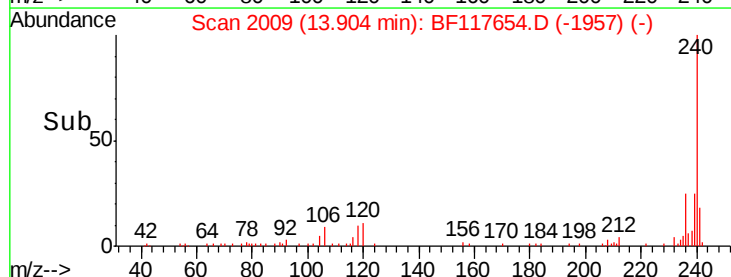
236 24.9 20.0 30.0

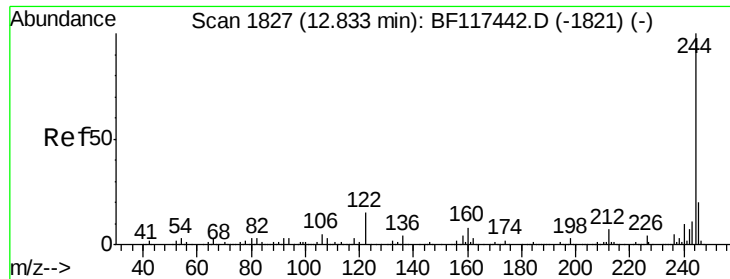


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 41.807 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF117654.D

Acq: 31 Oct 2019 13:31

Instrument :

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153-08-(0-1.1)

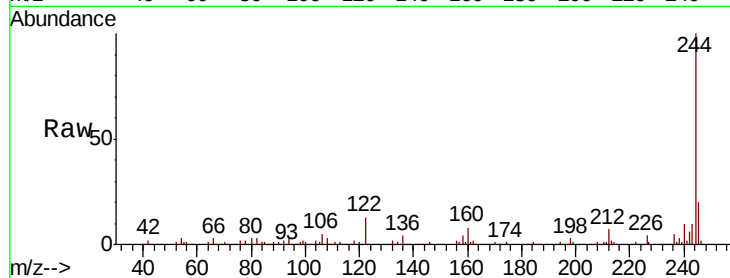
Tot Ion:244 Resp: 167581

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

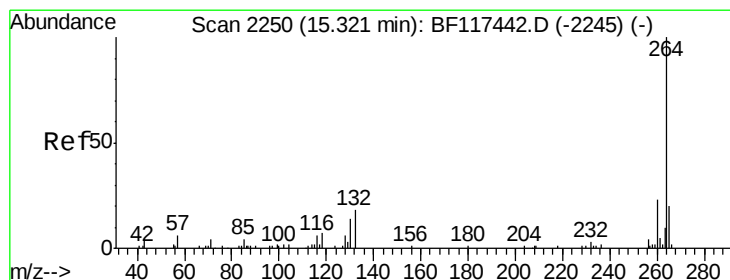
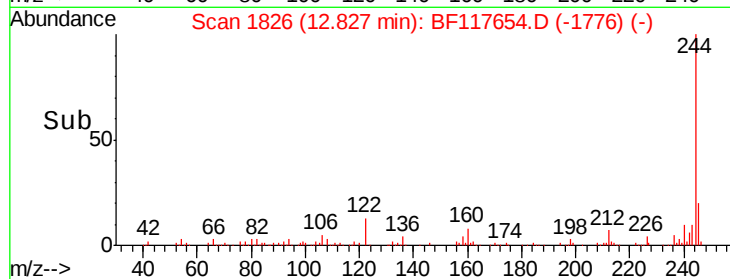
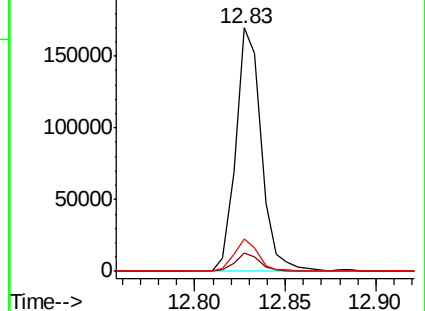
122 13.4 11.8 17.8



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

Perylene-d12

Concen: 20.000 ng

RT: 15.34 min Scan# 2253

Delta R.T. 0.02 min

Lab File: BF117654.D

Acq: 31 Oct 2019 13:31

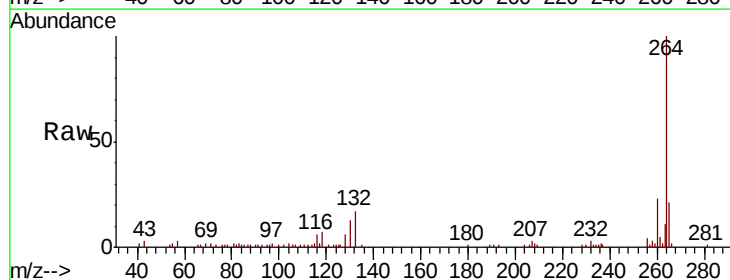
Tgt Ion:264 Resp: 66551

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 21.3 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

