

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117157.D
 Acq On : 18 Sep 2019 20:54
 Operator : HP/JU
 Sample : K4942-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Sep 19 08:05:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

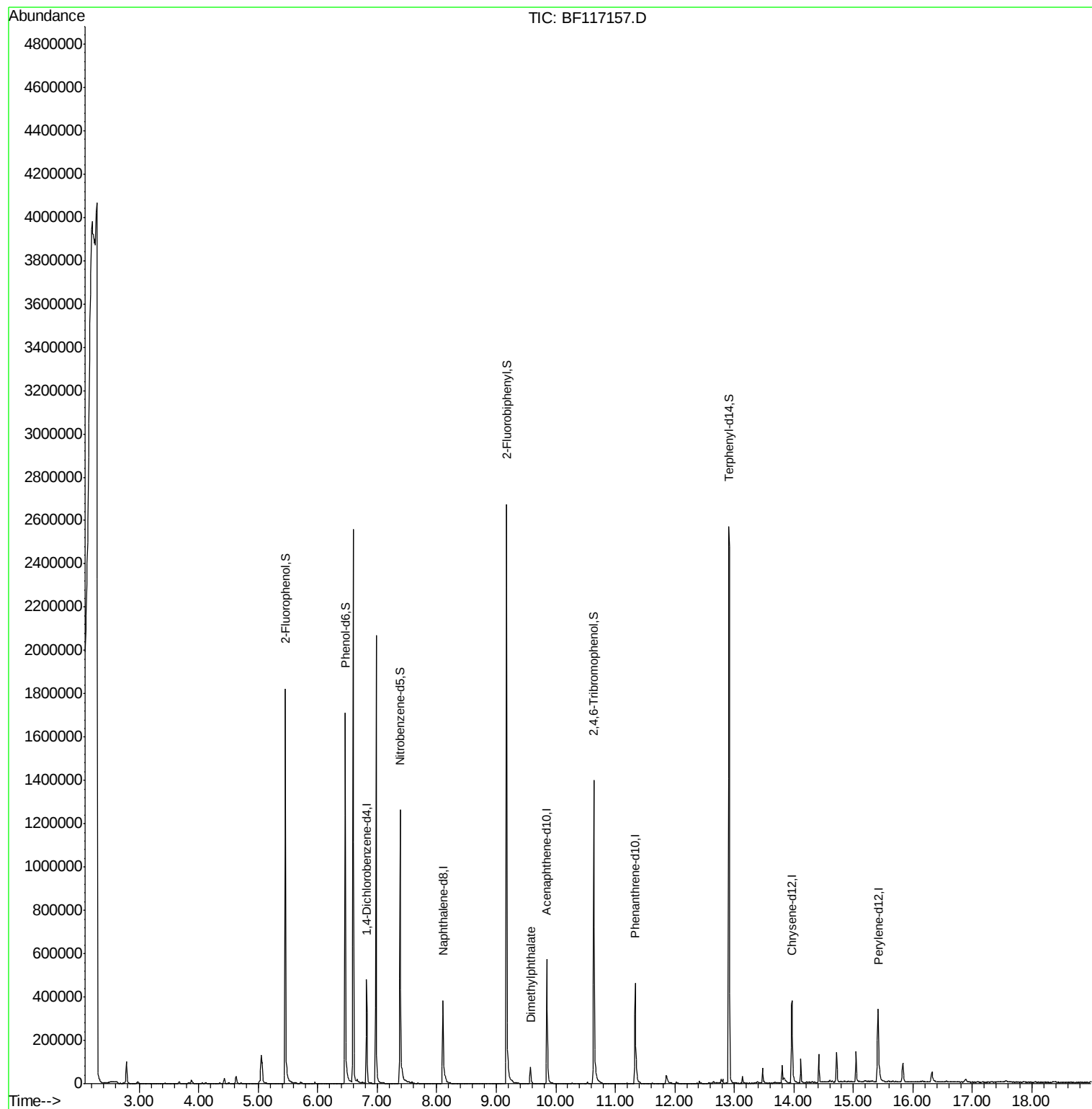
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	73612	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	282337	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	149106	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	245581	20.00	ng	0.00
76) Chrysene-d12	13.97	240	178381	20.00	ng	0.00
87) Perylene-d12	15.42	264	158836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	570727	121.05	ng	0.02
7) Phenol-d6	6.46	99	678891	111.41	ng	0.00
23) Nitrobenzene-d5	7.39	82	552234	102.77	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	195515	156.89	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	952152	99.85	ng	0.00
79) Terphenyl-d14	12.92	244	936524	98.14	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	51175	4.847	ng	Qvalue 99

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

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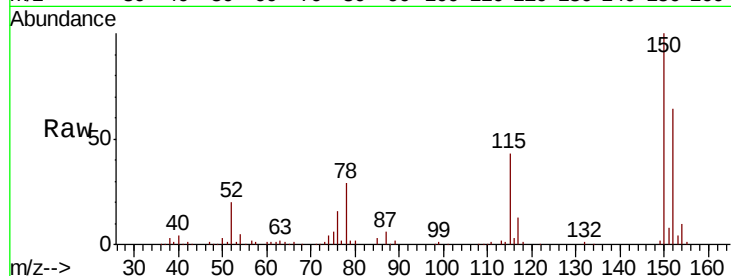


#1

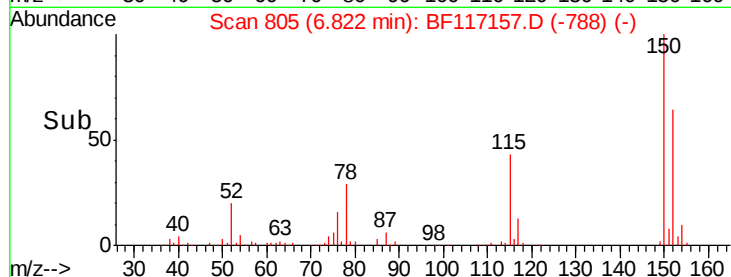
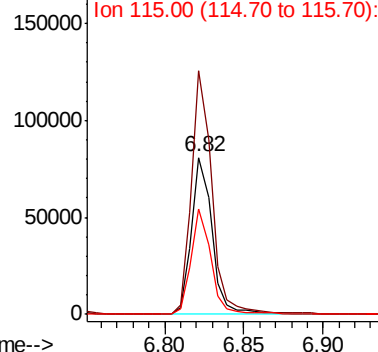
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117157.D
Acq: 18 Sep 2019 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:152 Resp: 73612
Ion Ratio Lower Upper
152 100
150 155.5 127.5 191.3
115 67.1 55.0 82.4



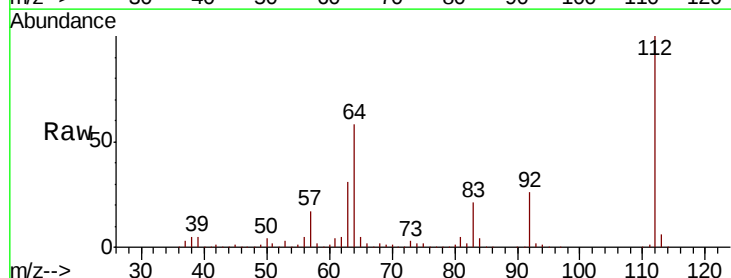
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



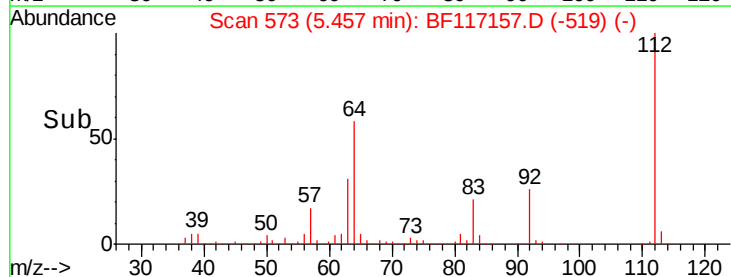
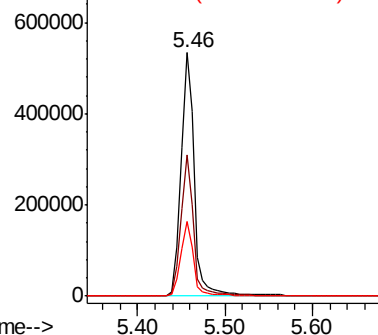
#5

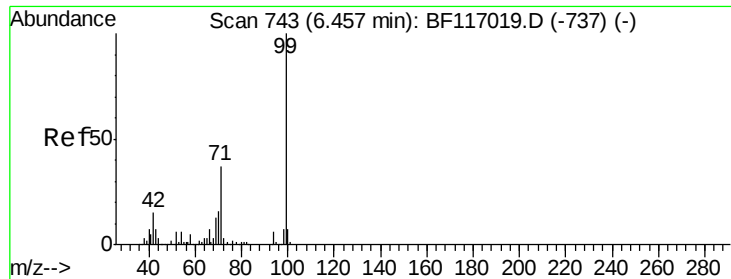
2-Fluorophenol
Concen: 121.046 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117157.D
Acq: 18 Sep 2019 20:54

Tgt Ion:112 Resp: 570727
Ion Ratio Lower Upper
112 100
64 58.2 45.7 68.5
63 30.9 24.9 37.3



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: 111.414 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117157.D

Acq: 18 Sep 2019 20:54

Instrument :

BNA_F

ClientSampleId :

TP-2

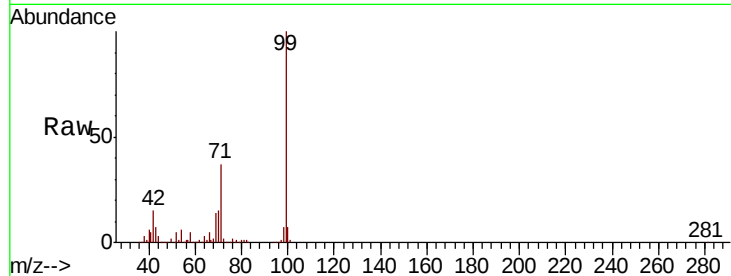
Tot Ion: 99 Resp: 678891

Ion Ratio Lower Upper

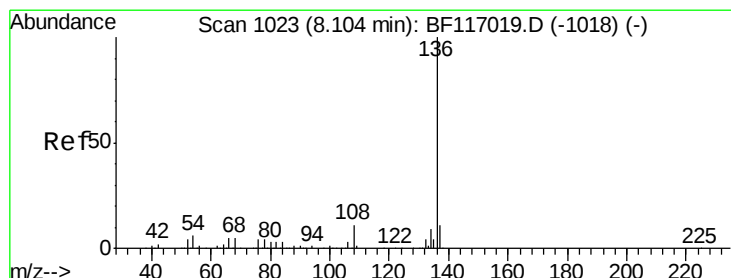
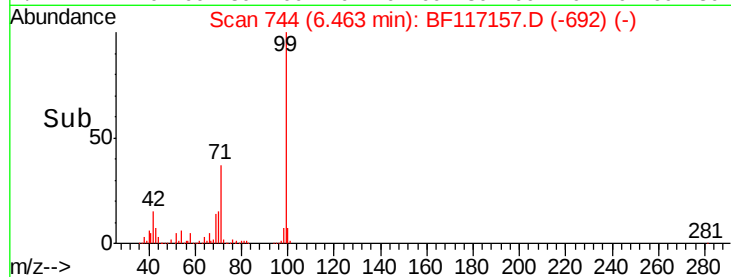
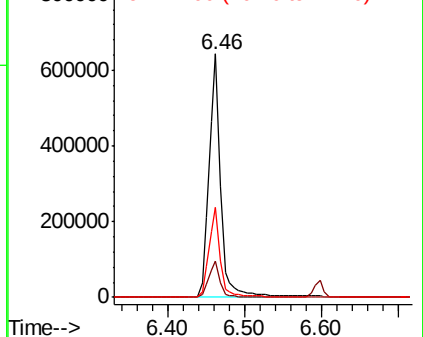
99 100

42 14.9 12.2 18.2

71 37.0 29.8 44.8



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF117157.D

Acq: 18 Sep 2019 20:54

Tgt Ion: 136 Resp: 282337

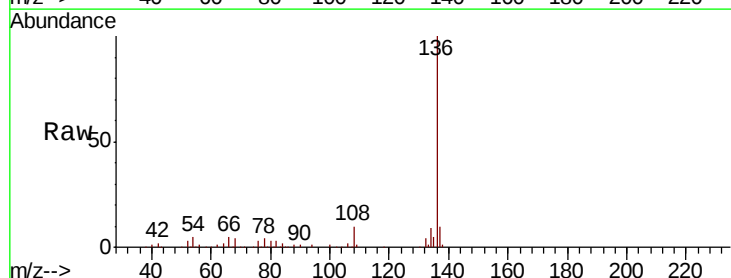
Ion Ratio Lower Upper

136 100

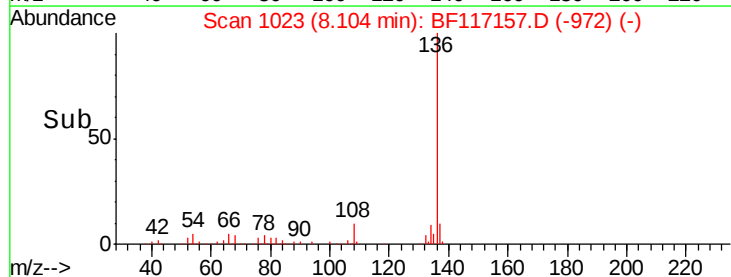
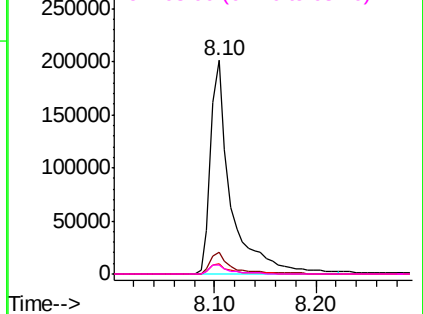
137 10.4 9.0 13.4

54 5.0 4.5 6.7

68 4.5 4.0 6.0



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

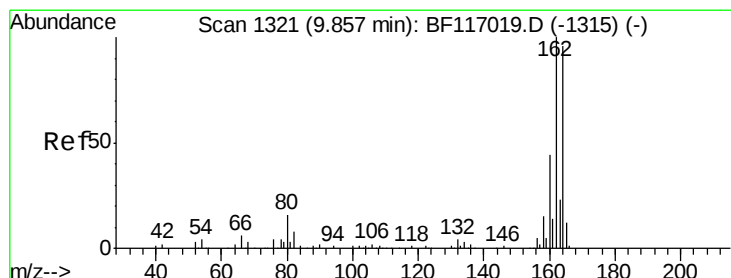
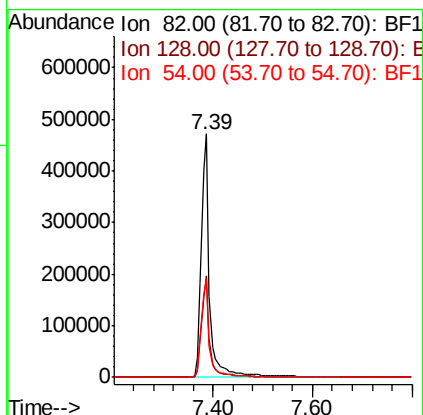
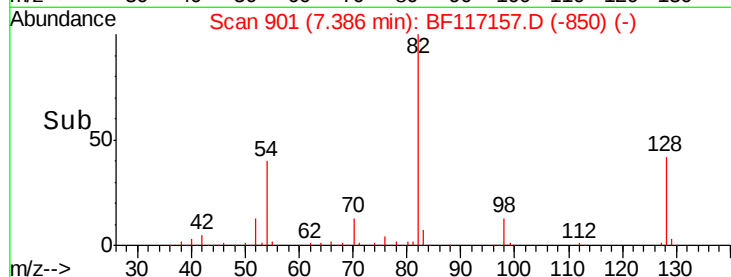
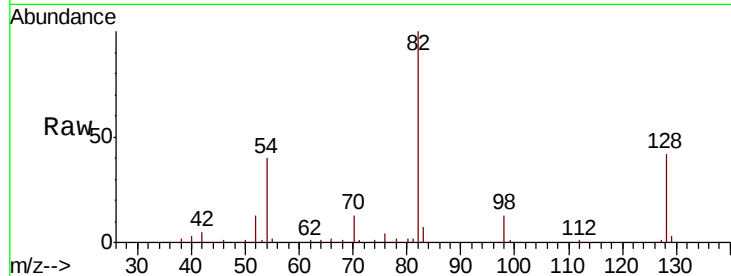




#23
 Nitrobenzene-d5
 Concen: 102.770 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF117157.D
 Acq: 18 Sep 2019 20:54

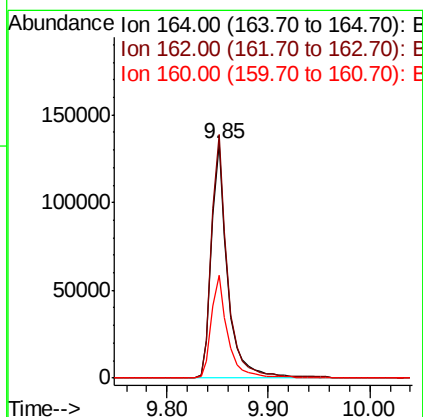
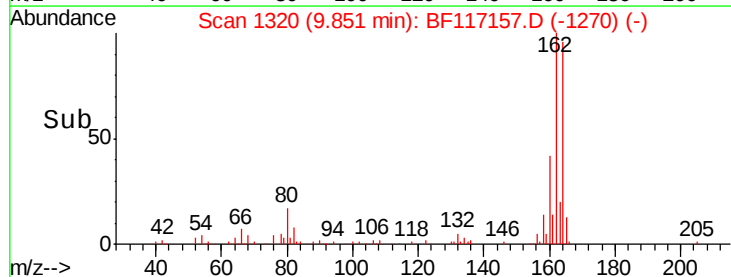
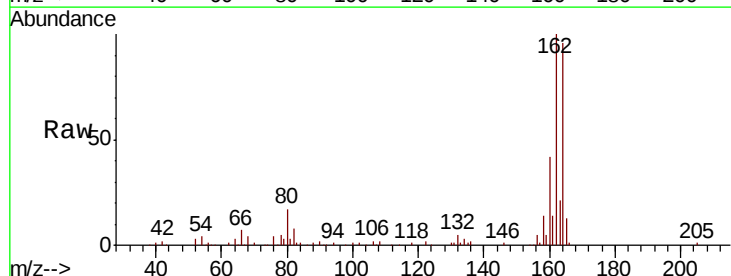
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

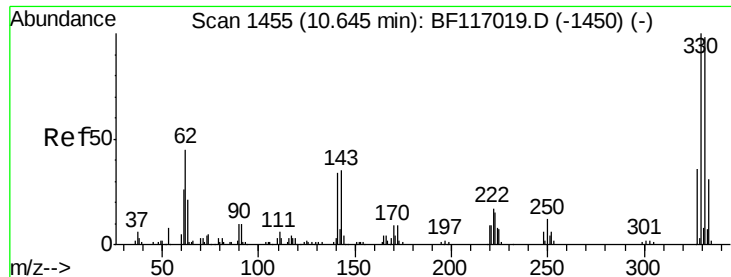
Tot Ion	82	Resp	552234
Ion Ratio	100	Lower	Upper
128	41.9	32.3	48.5
54	39.9	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117157.D
 Acq: 18 Sep 2019 20:54

Tgt Ion	164	Resp	149106
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.8	83.4	125.2
160	43.6	36.4	54.6

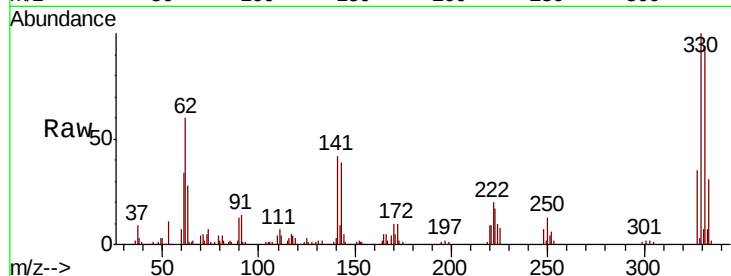




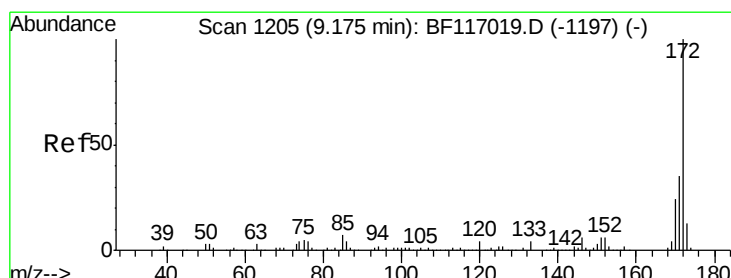
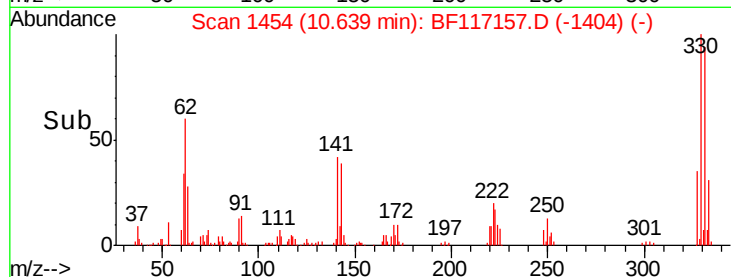
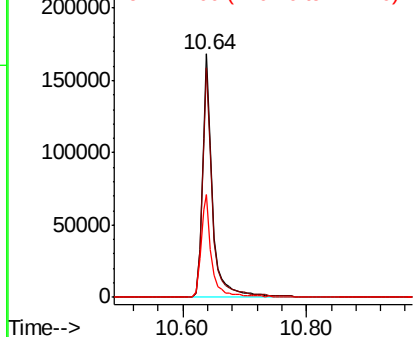
#42
 2,4,6-Tribromophenol
 Concen: 156.891 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117157.D
 Acq: 18 Sep 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion:330 Resp: 195515
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.0 117.0
 141 44.6 35.8 53.6

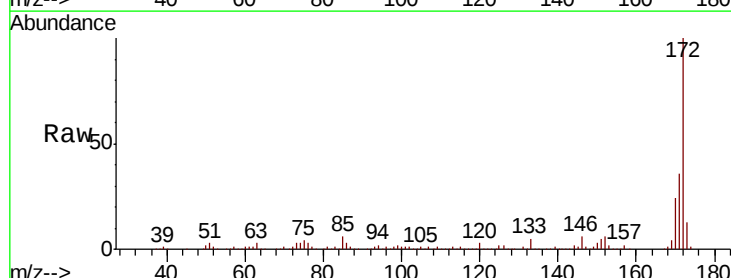


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

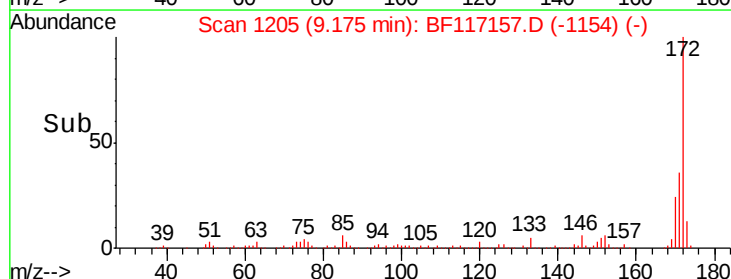
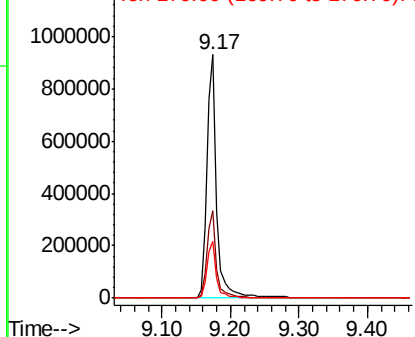


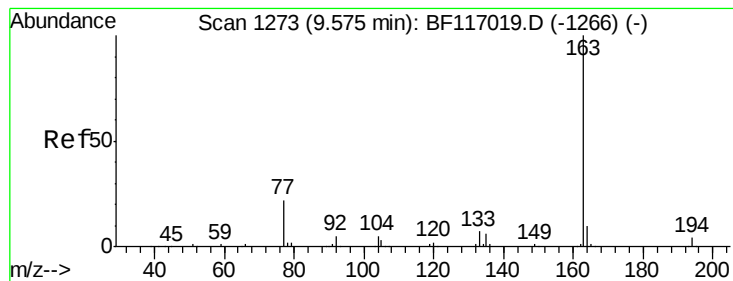
#45
 2-Fluorobiphenyl
 Concen: 99.846 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF117157.D
 Acq: 18 Sep 2019 20:54

Tgt Ion:172 Resp: 952152
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.2 42.2
 170 23.5 18.9 28.3



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: 4.847 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF117157.D

Acq: 18 Sep 2019 20:54

Instrument :

BNA_F

ClientSampled :

TP-2

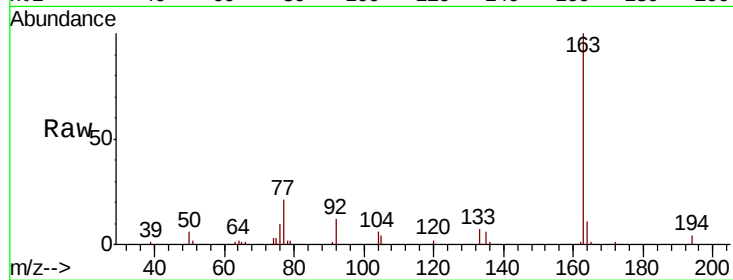
Tot Ion:163 Resp: 51175

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

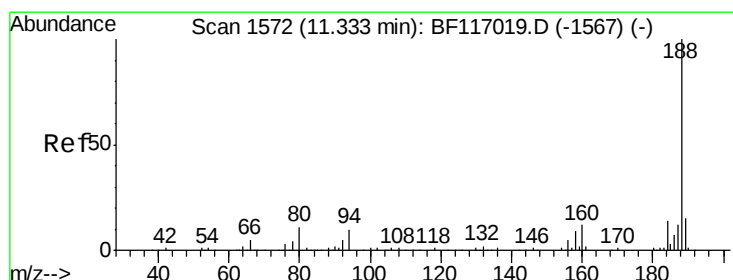
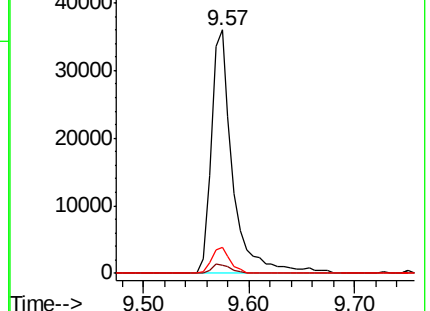
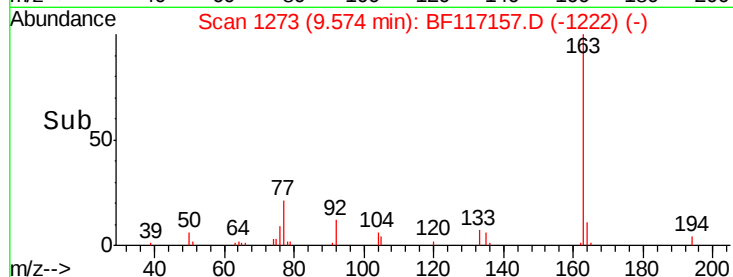
164 10.9 8.2 12.4



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: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF117157.D

Acq: 18 Sep 2019 20:54

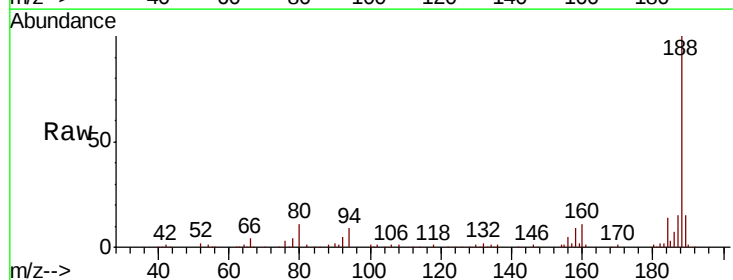
Tgt Ion:188 Resp: 245581

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

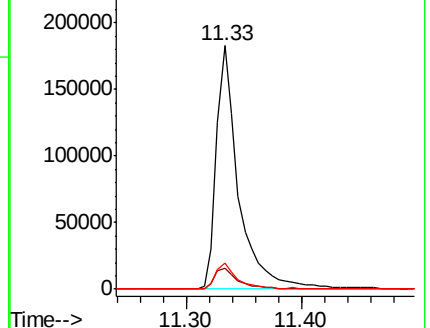
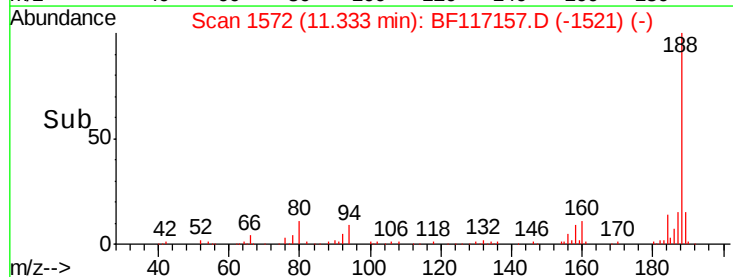
80 10.6 9.0 13.6

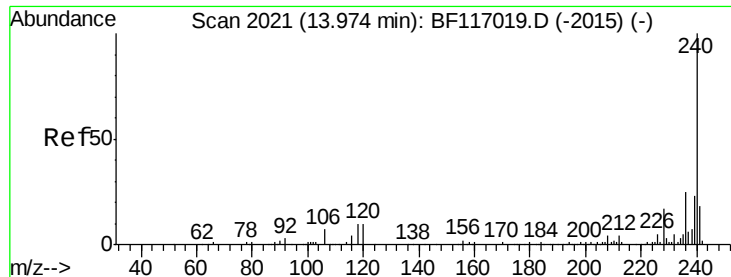


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

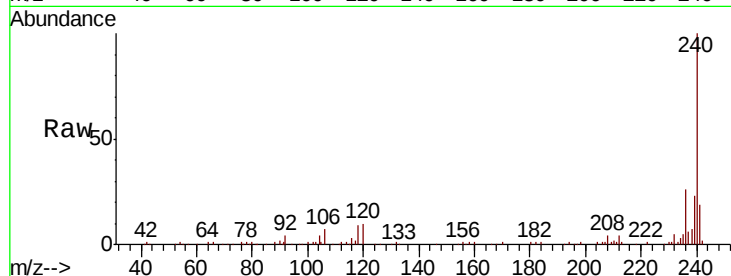




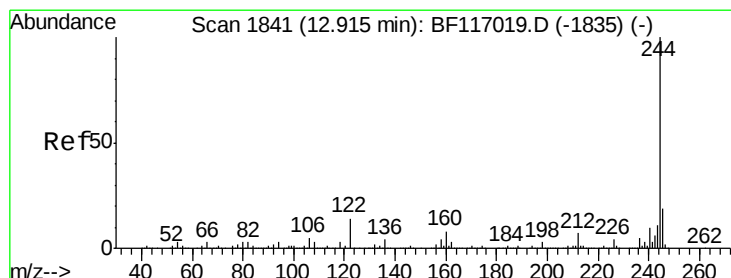
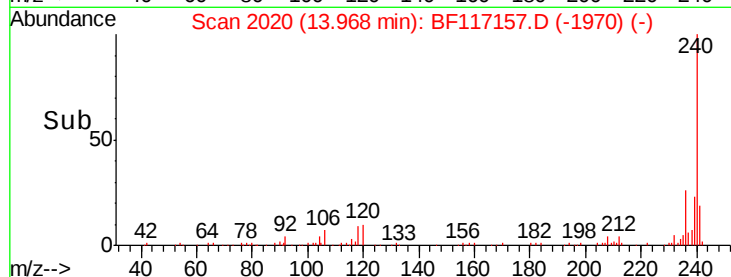
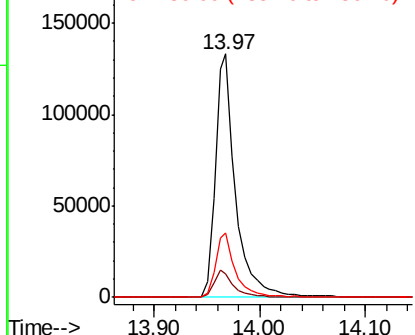
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117157.D
Acq: 18 Sep 2019 20:54

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:240 Resp: 178381
Ion Ratio Lower Upper
240 100
120 9.7 8.3 12.5
236 26.4 20.3 30.5

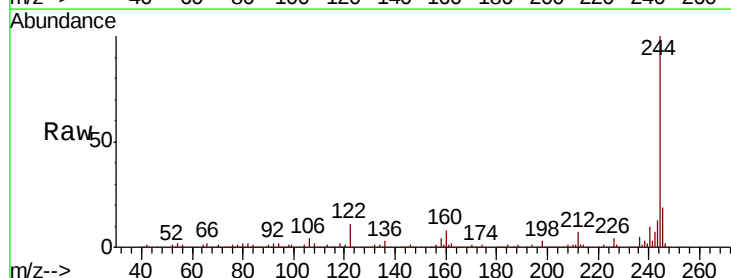


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

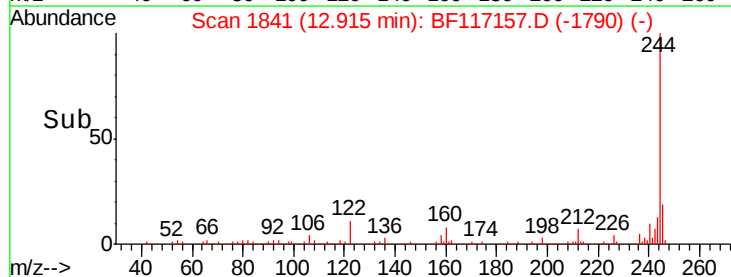
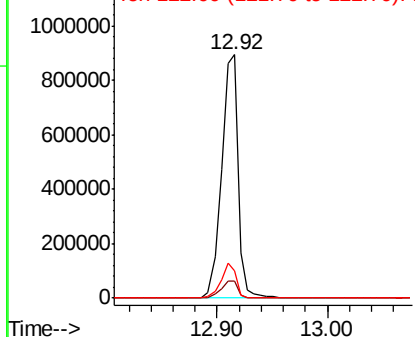


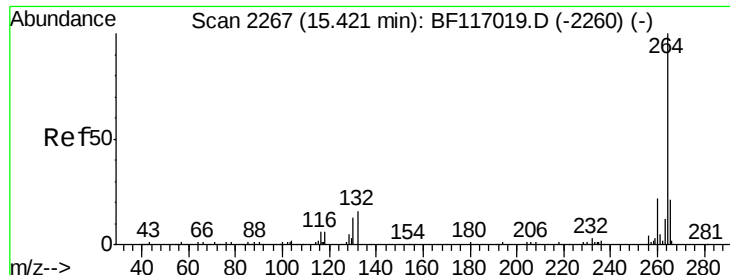
#79
Terphenyl-d14
Concen: 98.137 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF117157.D
Acq: 18 Sep 2019 20:54

Tgt Ion:244 Resp: 936524
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 11.4 11.3 16.9



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: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117157.D
 Acq: 18 Sep 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.6	26.4
265	20.2	16.6	24.8

