

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119957.D
 Acq On : 14 Apr 2020 17:07
 Operator : MA/SJ
 Sample : L2230-32
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-20

Quant Time: Apr 14 17:44:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	207185	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	804282	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	422486	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	845476	20.00	ng	0.00
76) Chrysene-d12	13.90	240	643729	20.00	ng	-0.01
87) Perylene-d12	15.33	264	505940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1591388	132.74	ng	0.02
7) Phenol-d6	6.37	99	1814143	117.44	ng	0.00
23) Nitrobenzene-d5	7.30	82	1395584	89.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	642610	124.23	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2585897	86.90	ng	0.00
79) Terphenyl-d14	12.86	244	3055362	79.86	ng	0.00

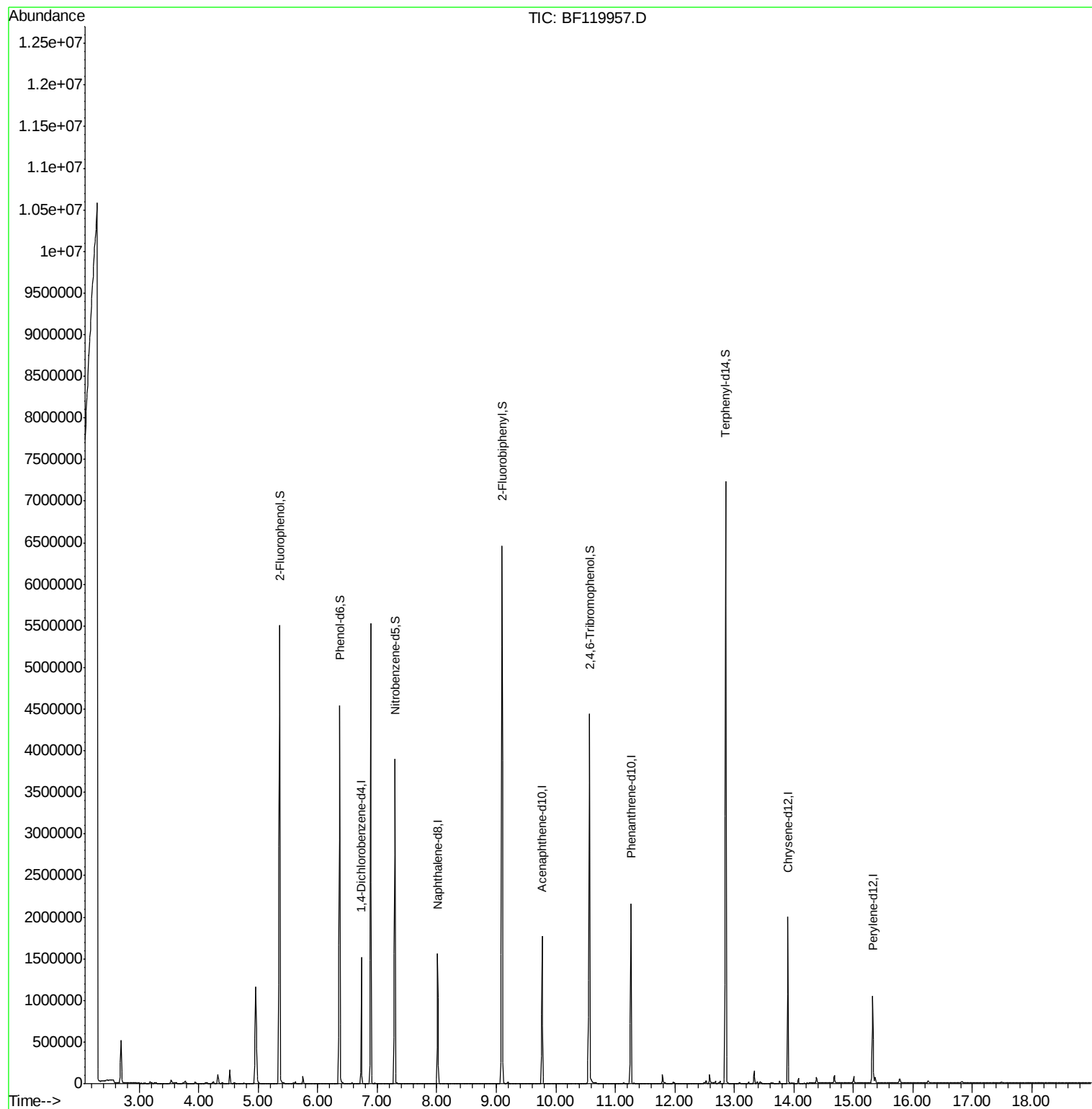
Target Compounds Qvalue

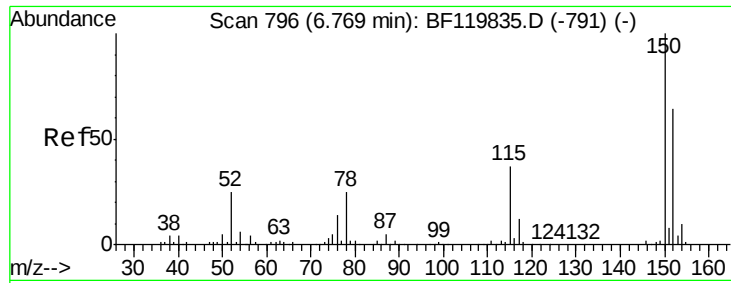
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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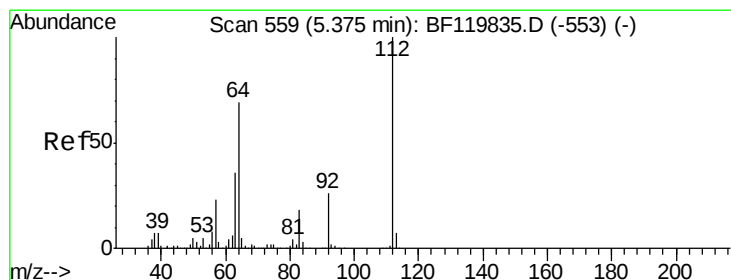
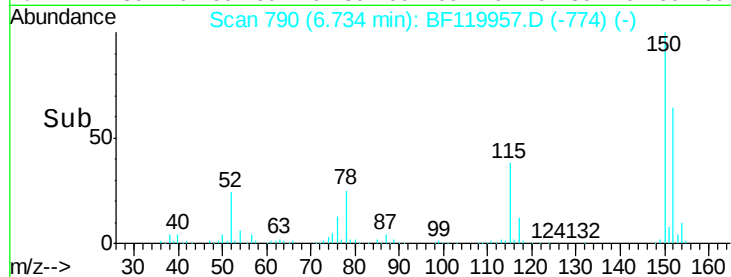
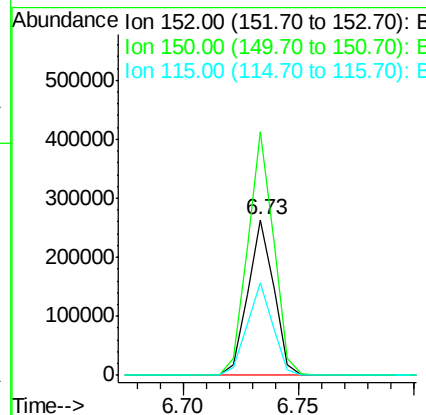
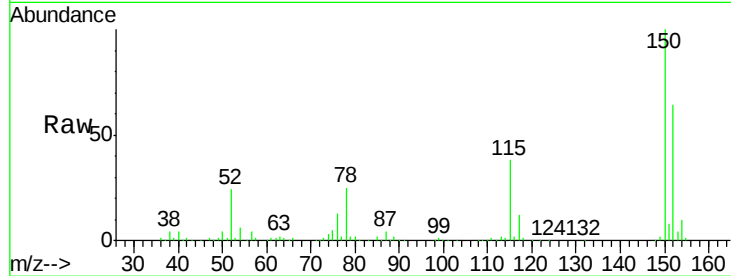


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119957.D
Acq: 14 Apr 2020 17:07

Instrument :
BNA_F
ClientSampled :
TP-20

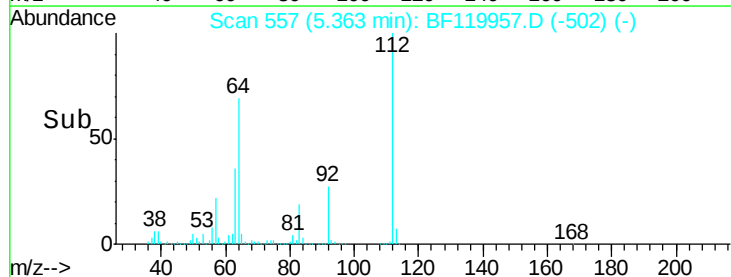
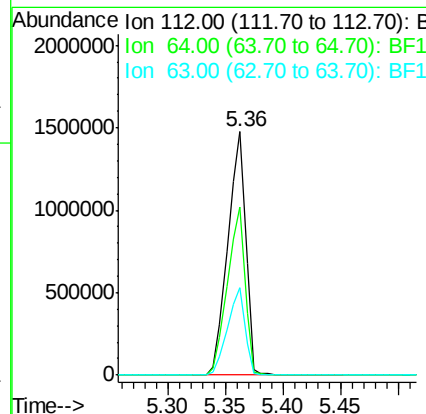
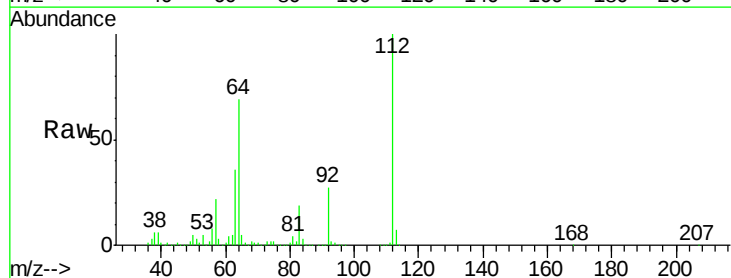
Tot Ion:152 Resp: 207185
Ion Ratio Lower Upper
152 100
150 156.5 124.8 187.2
115 59.1 46.5 69.7



#5

2-Fluorophenol
Concen: 132.742 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF119957.D
Acq: 14 Apr 2020 17:07

Tgt Ion:112 Resp: 1591388
Ion Ratio Lower Upper
112 100
64 69.3 55.5 83.3
63 35.8 29.1 43.7





#7

Phenol-d6

Concen: 117.436 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF119957.D

Acq: 14 Apr 2020 17:07

Instrument :

BNA_F

ClientSampleId :

TP-20

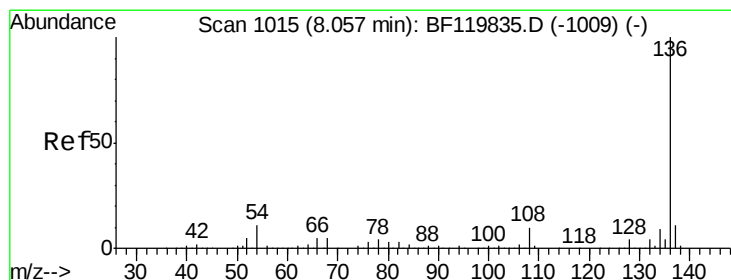
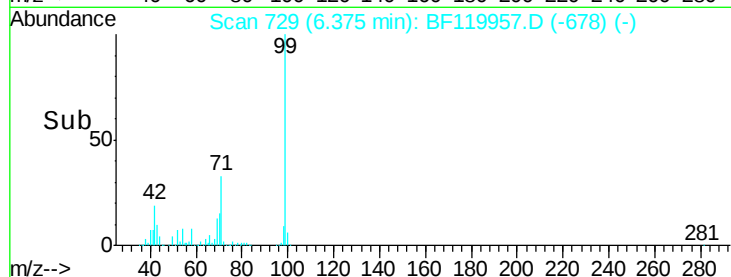
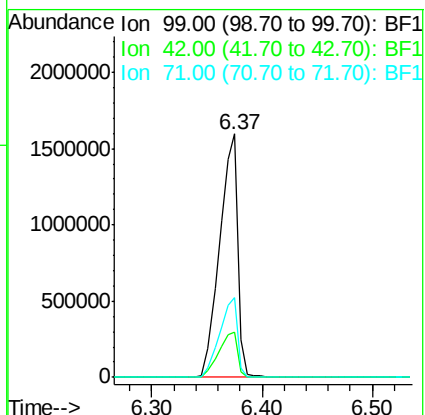
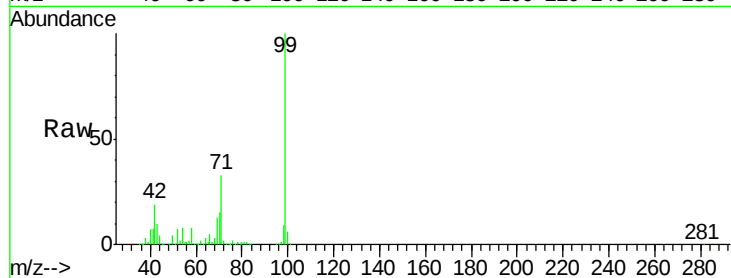
Tot Ion: 99 Resp: 1814143

Ion Ratio Lower Upper

99 100

42 18.8 16.9 25.3

71 32.6 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF119957.D

Acq: 14 Apr 2020 17:07

Tgt Ion: 136 Resp: 804282

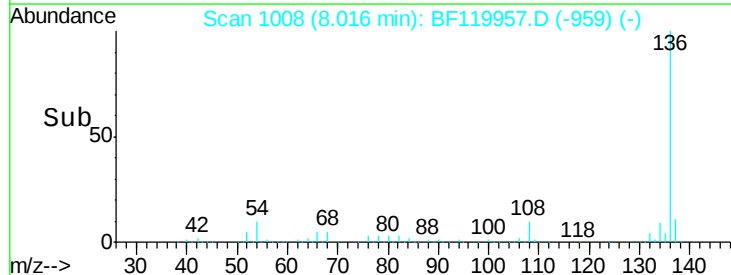
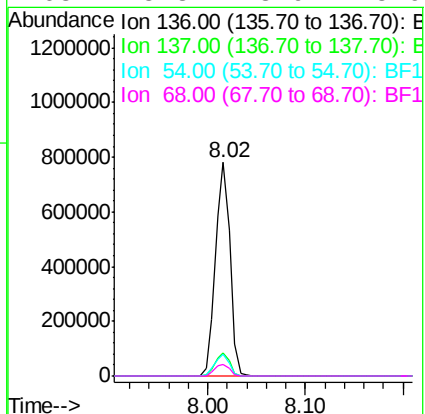
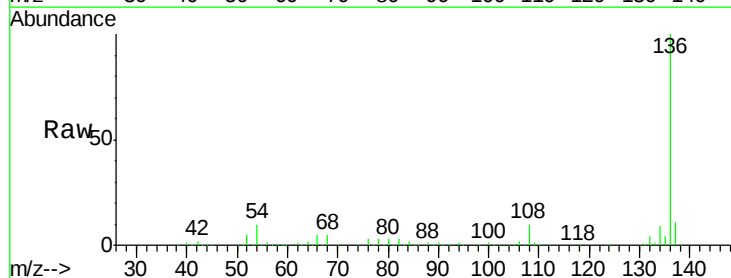
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.0 8.5 12.7

68 5.3 3.9 5.9

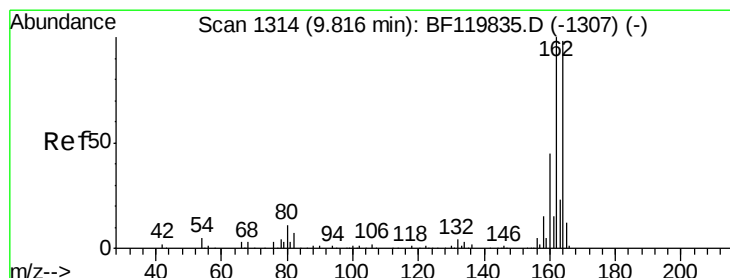
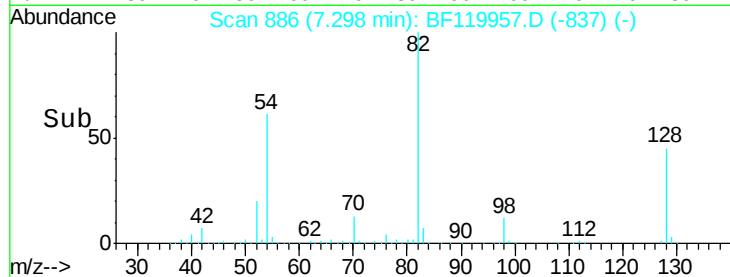
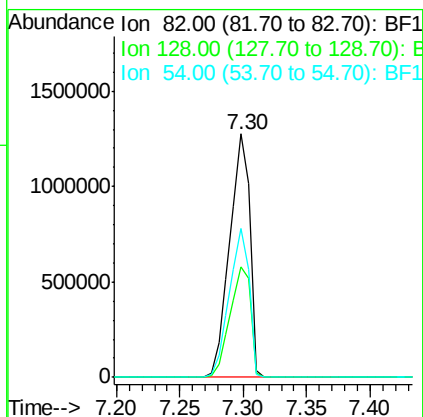
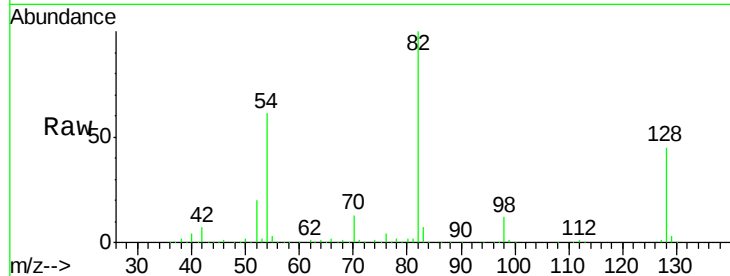




#23
 Nitrobenzene-d5
 Concen: 89.768 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF119957.D
 Acq: 14 Apr 2020 17:07

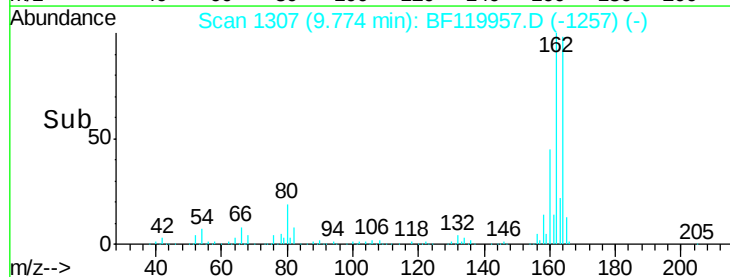
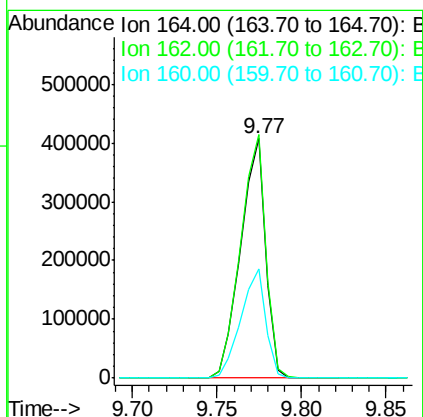
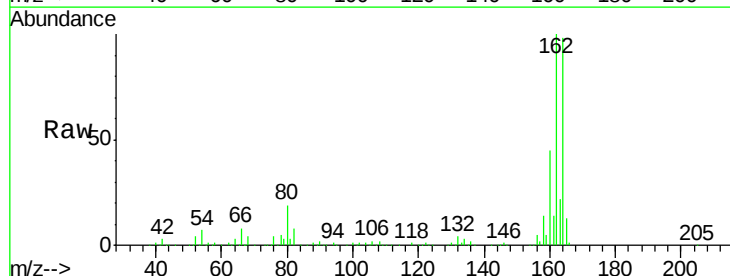
Instrument :
 BNA_F
 ClientSampleId :
 TP-20

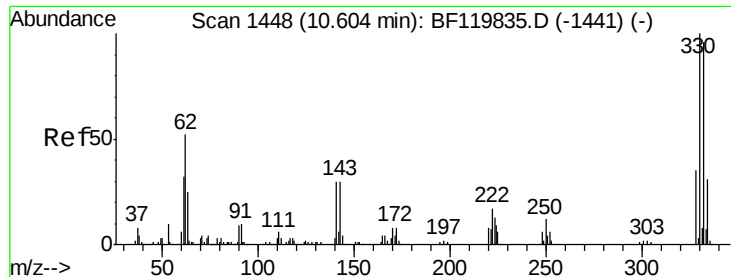
Tot Ion: 82 Resp: 1395584
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.2 54.4
 54 61.4 50.4 75.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119957.D
 Acq: 14 Apr 2020 17:07

Tgt Ion: 164 Resp: 422486
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.9 122.9
 160 45.6 36.6 54.8

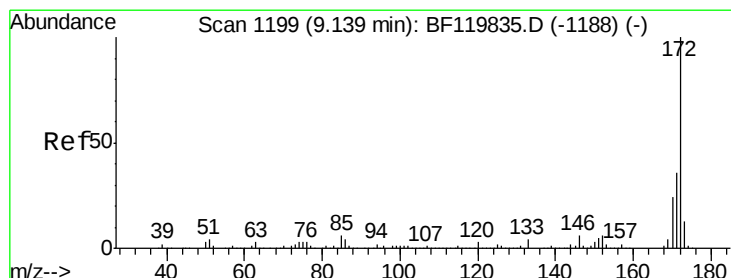
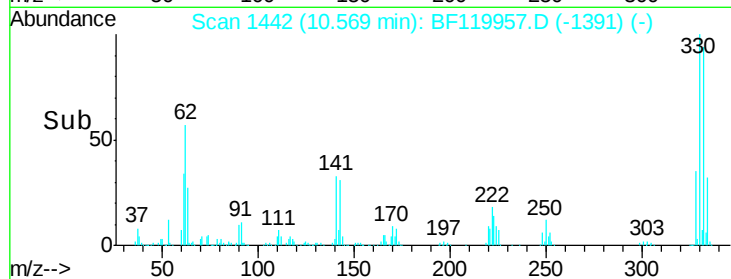
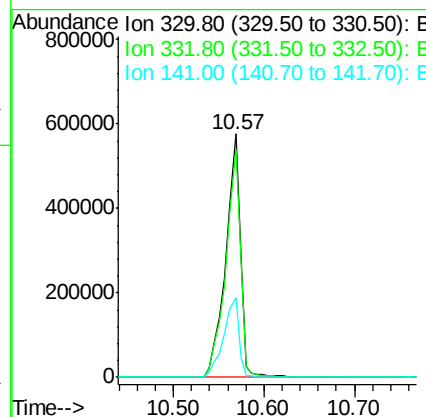
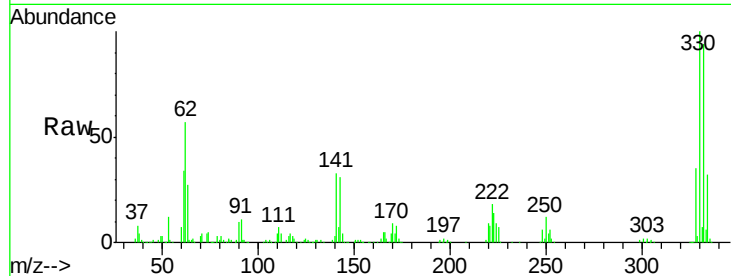




#42
 2,4,6-Tribromophenol
 Concen: 124.232 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF119957.D
 Acq: 14 Apr 2020 17:07

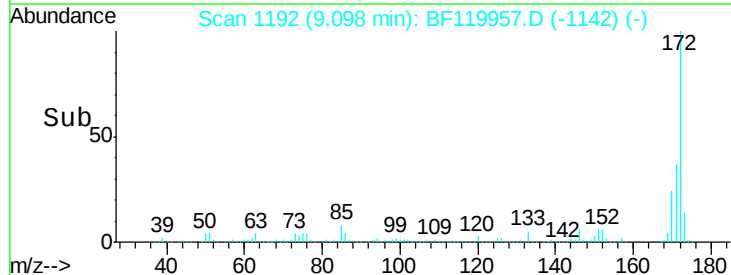
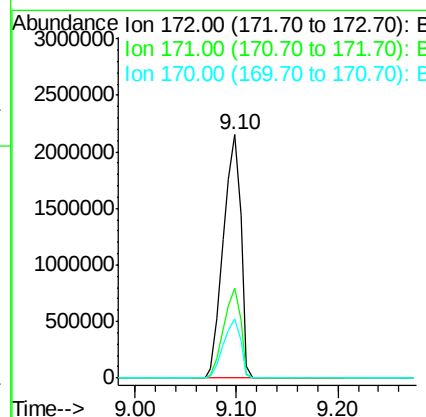
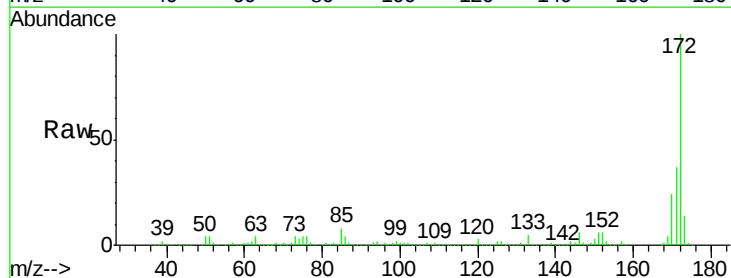
Instrument :
 BNA_F
 ClientSampleId :
 TP-20

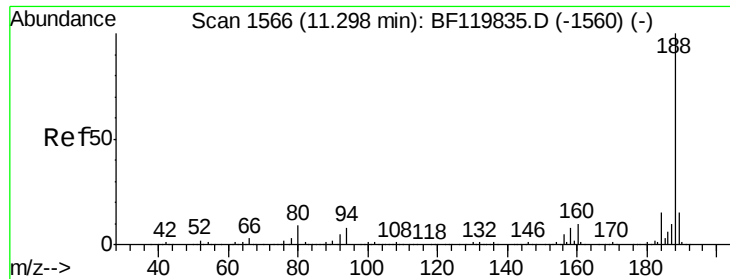
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.8	115.2
141	34.1	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 86.900 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119957.D
 Acq: 14 Apr 2020 17:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	24.3	19.4	29.2

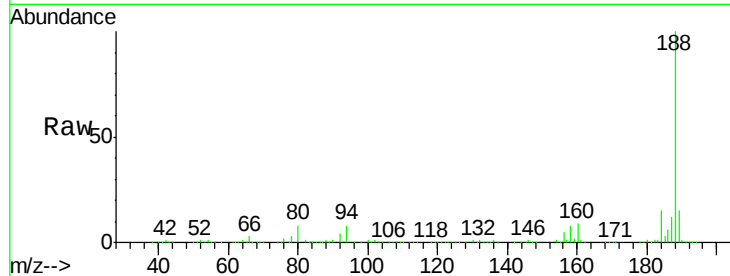




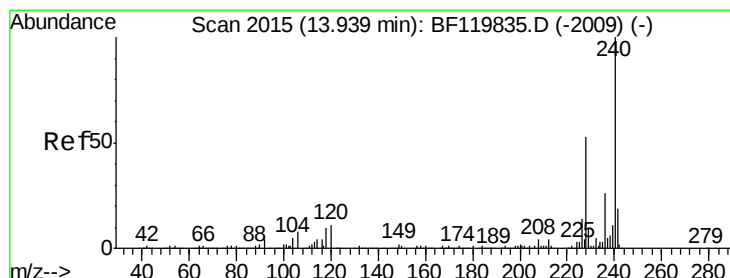
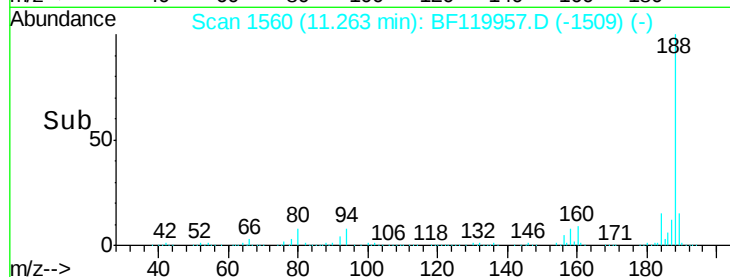
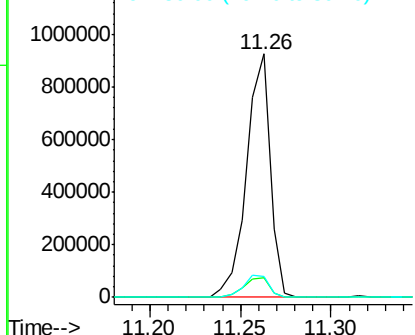
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119957.D
Acq: 14 Apr 2020 17:07

Instrument :
BNA_F
ClientSampleId :
TP-20

Tot Ion:188 Resp: 845476
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.5 7.4 11.2

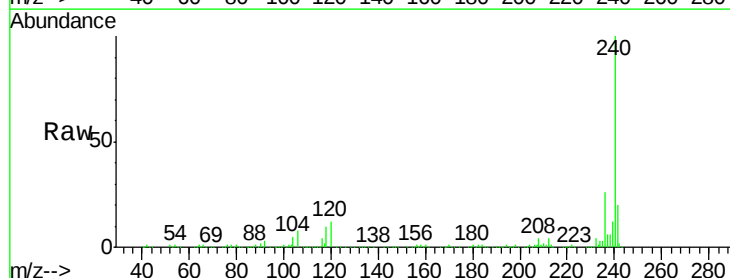


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

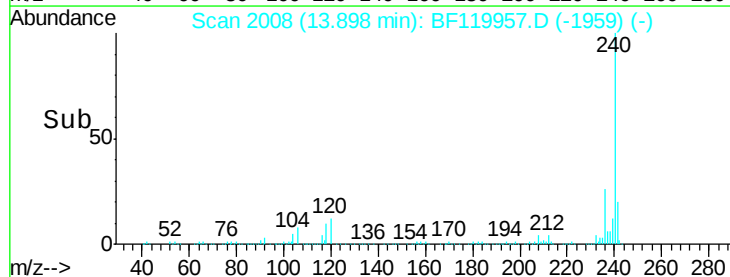
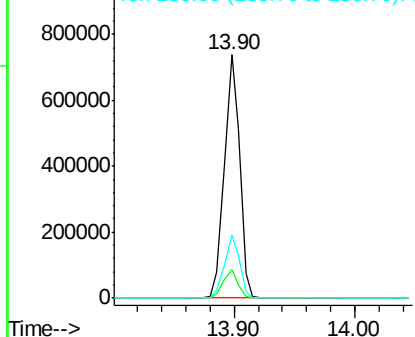


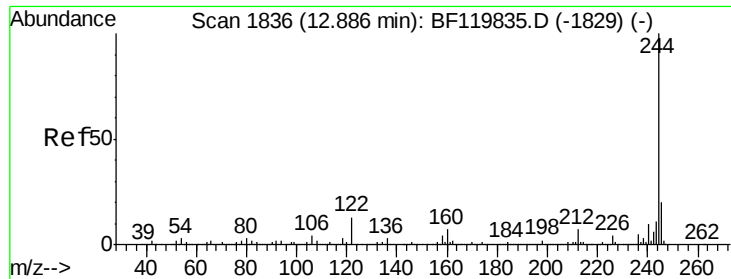
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119957.D
Acq: 14 Apr 2020 17:07

Tgt Ion:240 Resp: 643729
Ion Ratio Lower Upper
240 100
120 11.7 9.0 13.6
236 26.1 20.7 31.1



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: 79.865 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF119957.D

Acq: 14 Apr 2020 17:07

Instrument :

BNA_F

ClientSampleId :

TP-20

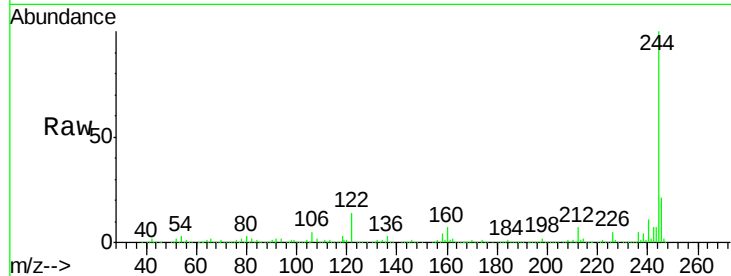
Tot Ion:244 Resp: 3055362

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

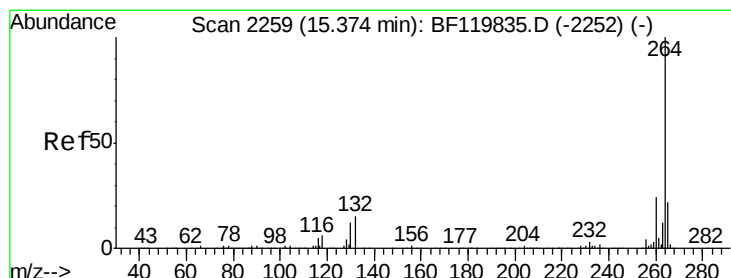
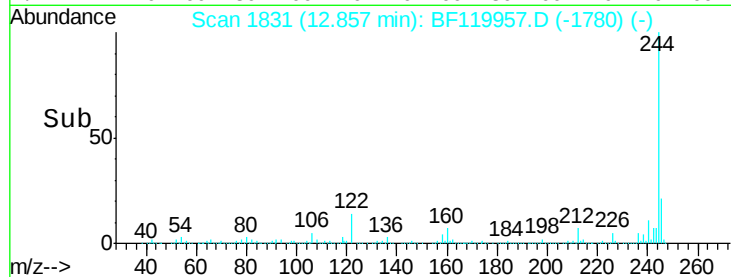
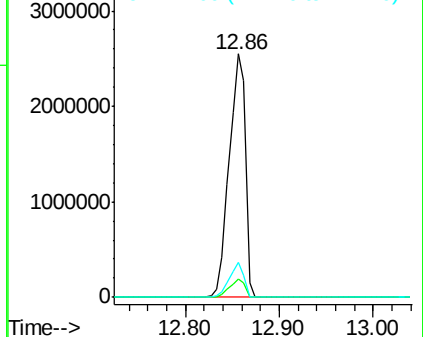
122 14.3 10.3 15.5



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: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF119957.D

Acq: 14 Apr 2020 17:07

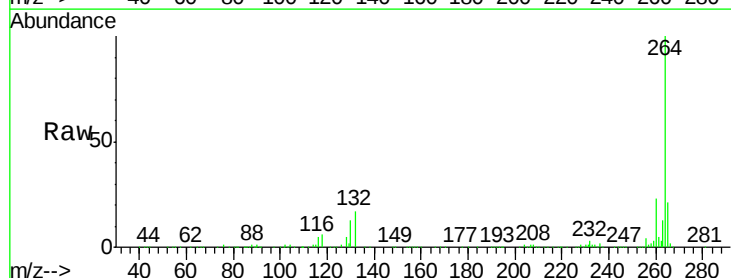
Tgt Ion:264 Resp: 505940

Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

265 21.3 17.6 26.4



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

