

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119402.D
 Acq On : 13 Mar 2020 1:51
 Operator : CG/JU
 Sample : L1859-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-DA

Quant Time: Mar 13 04:44:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128042	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	493629	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	279327	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	545127	20.00	ng	0.00
76) Chrysene-d12	13.90	240	432561	20.00	ng	0.01
87) Perylene-d12	15.33	264	391102	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	891494	116.36	ng	0.01
7) Phenol-d6	6.38	99	976143	104.76	ng	0.00
23) Nitrobenzene-d5	7.29	82	837639	89.60	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	482246	131.98	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1622923	85.59	ng	0.00
79) Terphenyl-d14	12.83	244	2201009	87.60	ng	0.00

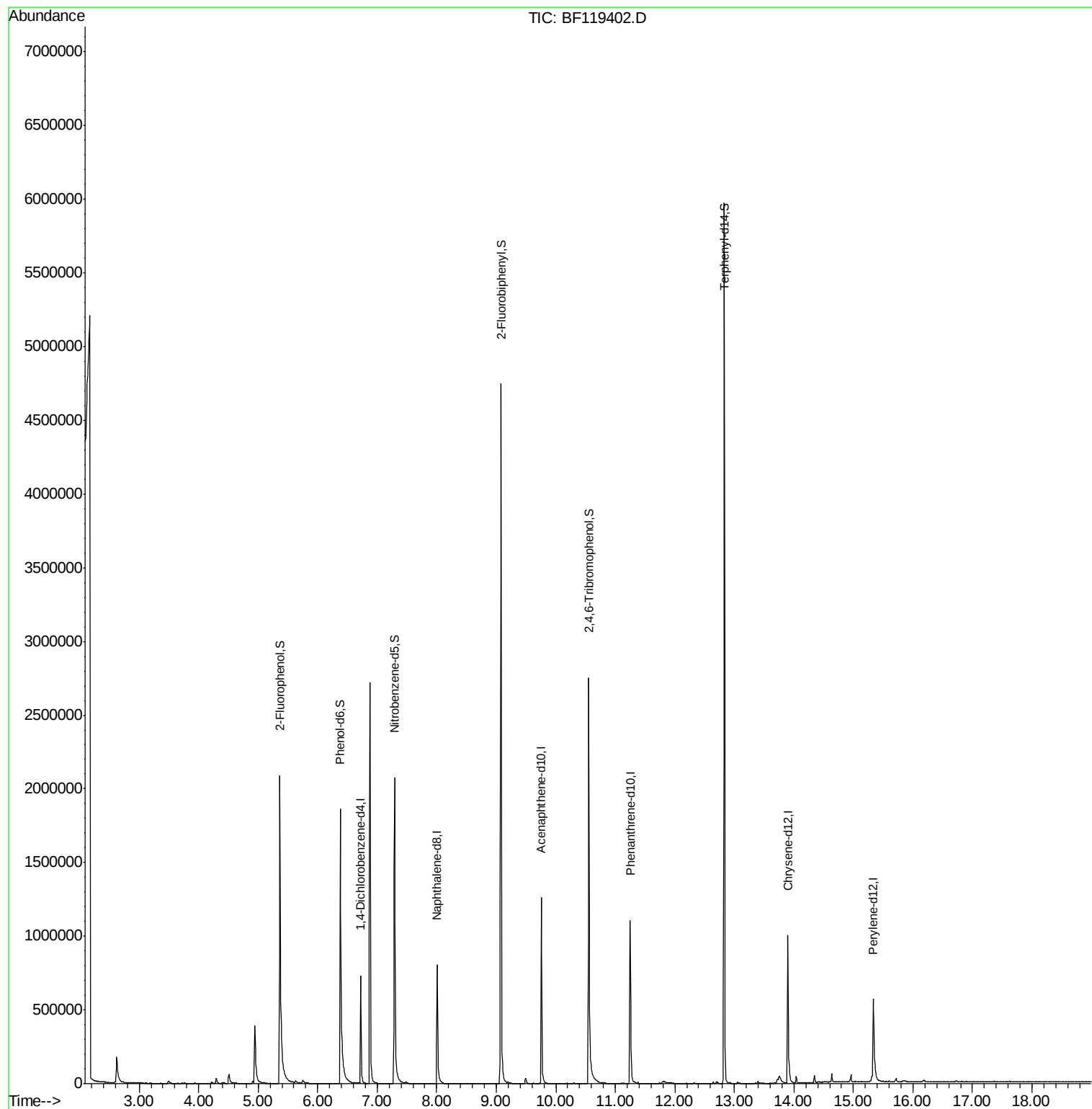
Target Compounds Qvalue

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

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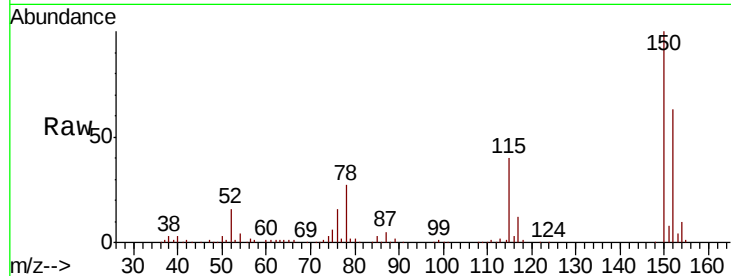


#1

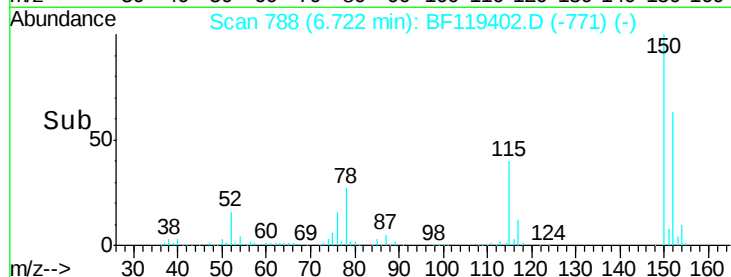
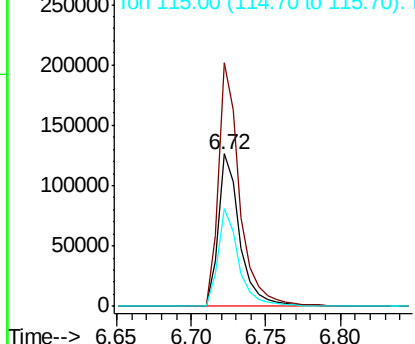
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119402.D
Acq: 13 Mar 2020 1:51

Instrument :
BNA_F
ClientSampled :
TP-7-DA

Tot Ion:152 Resp: 128042
Ion Ratio Lower Upper
152 100
150 159.6 123.0 184.6
115 64.0 49.5 74.3



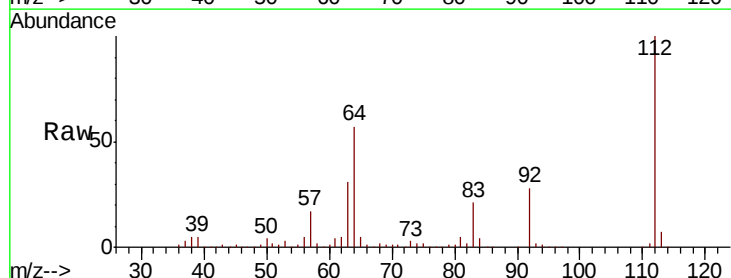
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



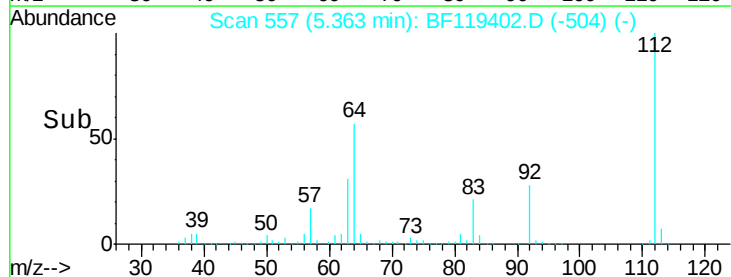
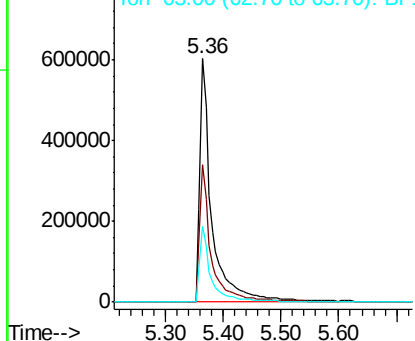
#5

2-Fluorophenol
Concen: 116.356 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119402.D
Acq: 13 Mar 2020 1:51

Tgt Ion:112 Resp: 891494
Ion Ratio Lower Upper
112 100
64 56.5 45.0 67.4
63 31.2 24.2 36.4



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: 104.757 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119402.D

Acq: 13 Mar 2020 1:51

Instrument :

BNA_F

ClientSampleId :

TP-7-DA

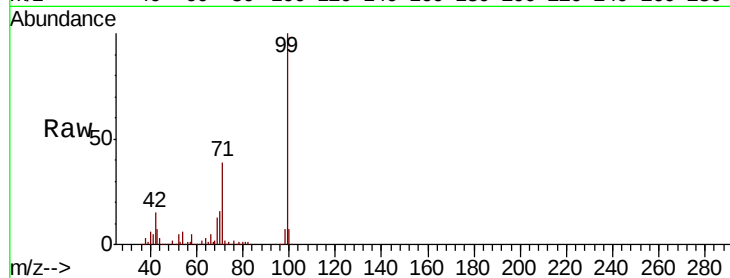
Tot Ion: 99 Resp: 976143

Ion Ratio Lower Upper

99 100

42 14.6 12.6 18.8

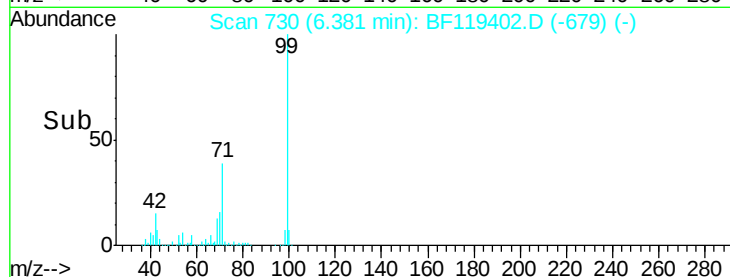
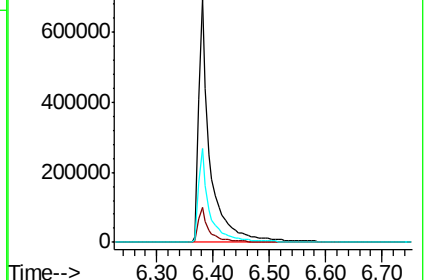
71 38.8 31.0 46.4



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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119402.D

Acq: 13 Mar 2020 1:51

Tgt Ion: 136 Resp: 493629

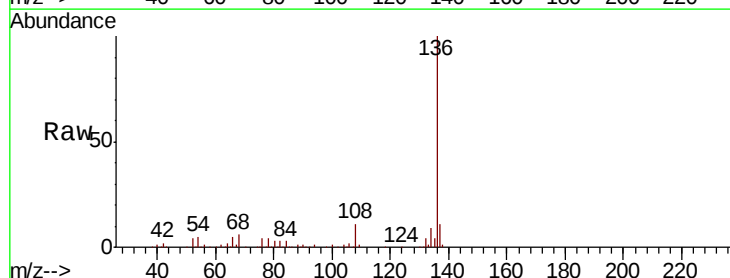
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 5.4 3.8 5.6

68 5.6 3.9 5.9

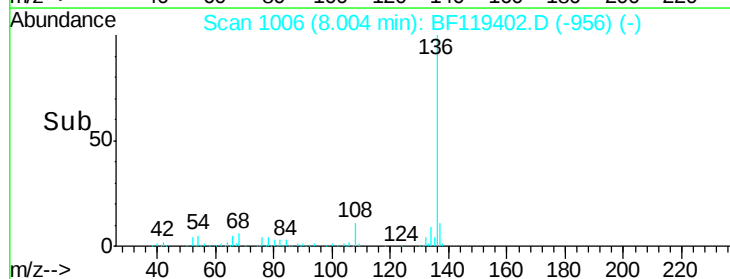
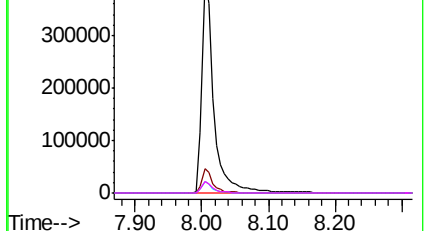


Abundance Ion 136.00 (135.70 to 136.70): E

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

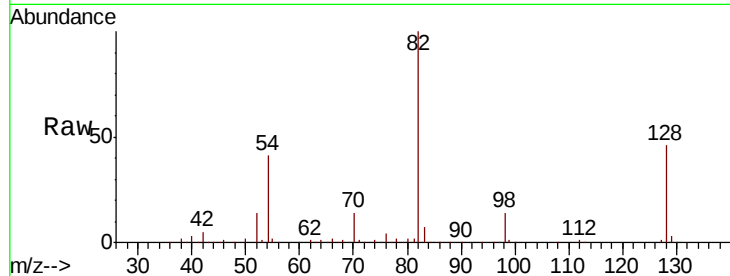




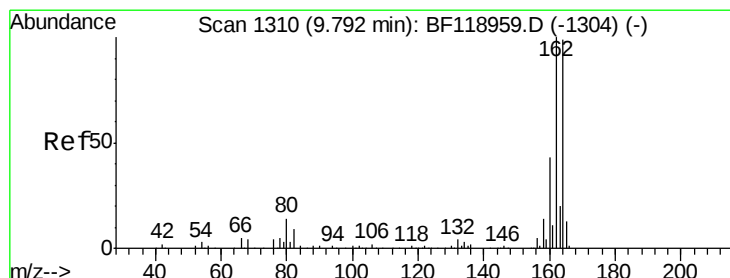
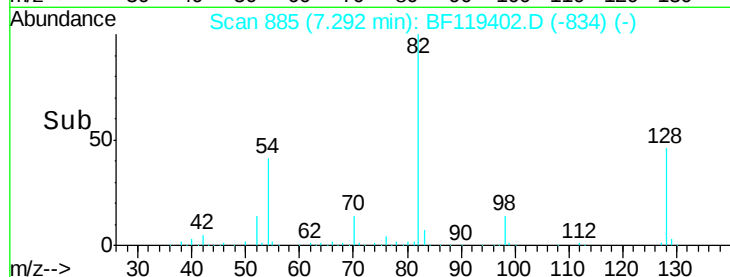
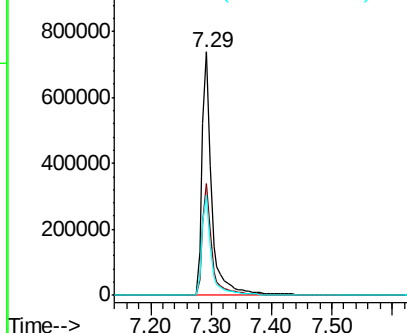
#23
 Nitrobenzene-d5
 Concen: 89.596 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119402.D
 Acq: 13 Mar 2020 1:51

Instrument :
 BNA_F
 ClientSampleID :
 TP-7-DA

Tot Ion: 82 Resp: 837639
 Ion Ratio Lower Upper
 82 100
 128 45.7 37.9 56.9
 54 41.0 33.4 50.2

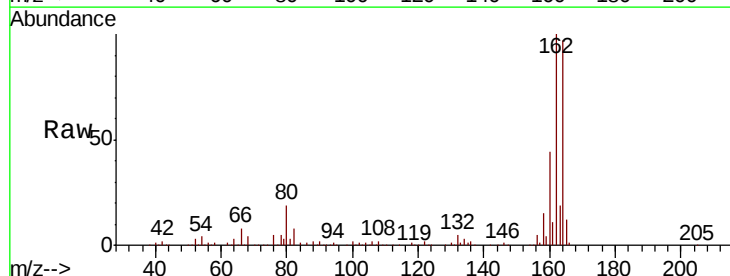


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

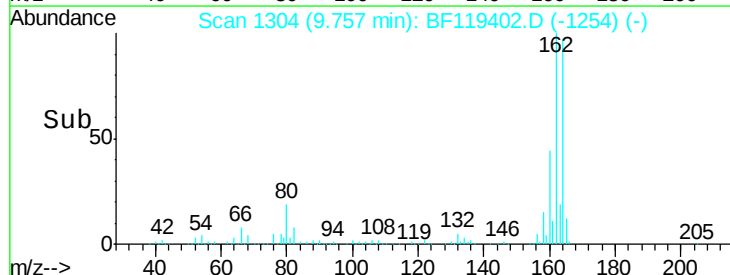
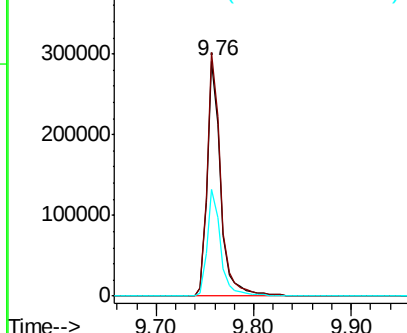


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119402.D
 Acq: 13 Mar 2020 1:51

Tgt Ion: 164 Resp: 279327
 Ion Ratio Lower Upper
 164 100
 162 103.5 81.8 122.8
 160 45.5 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

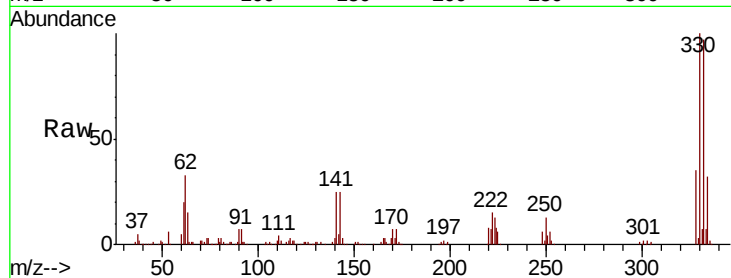




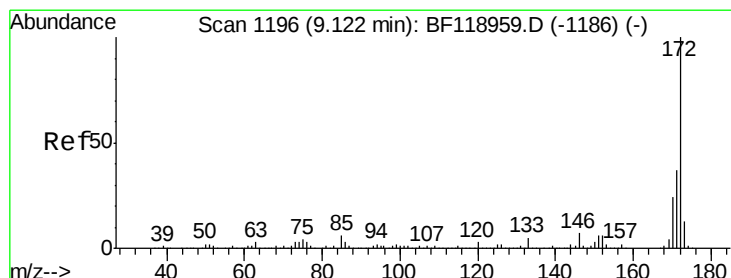
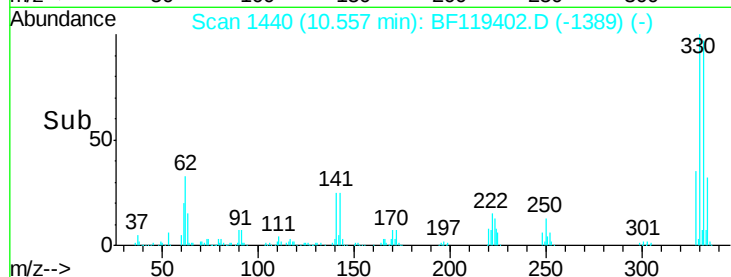
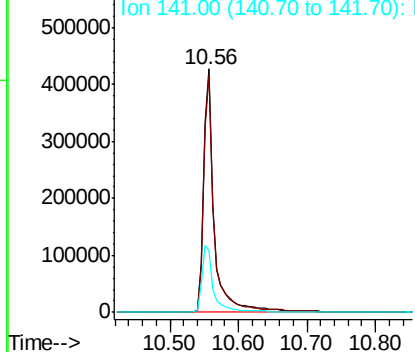
#42
 2,4,6-Tribromophenol
 Concen: 131.975 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119402.D
 Acq: 13 Mar 2020 1:51

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-DA

Tot Ion:330 Resp: 482246
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.0 114.0
 141 30.4 22.9 34.3

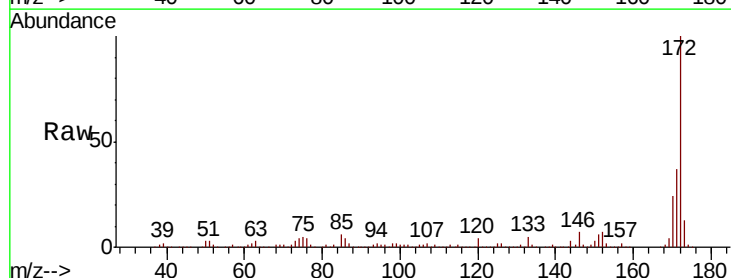


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

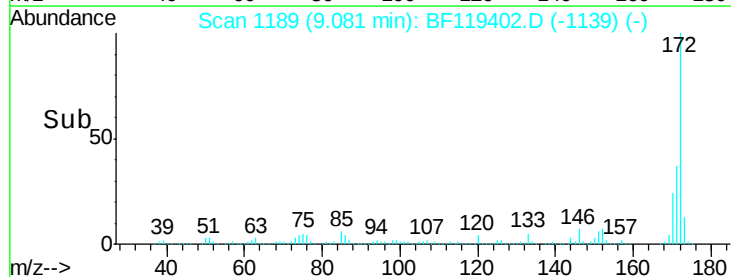
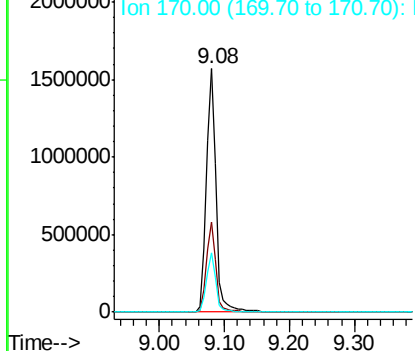


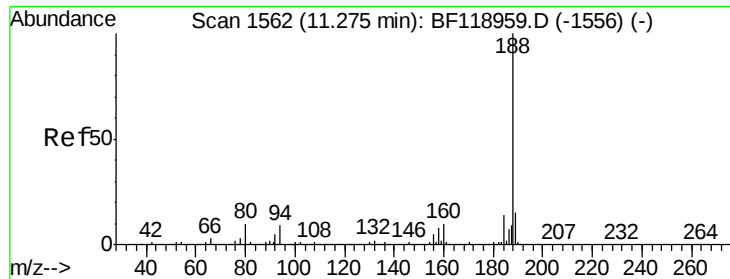
#45
 2-Fluorobiphenyl
 Concen: 85.593 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119402.D
 Acq: 13 Mar 2020 1:51

Tgt Ion:172 Resp: 1622923
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.6 45.8
 170 24.4 20.2 30.2



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

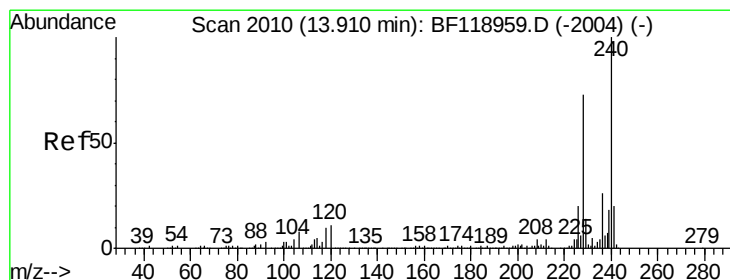
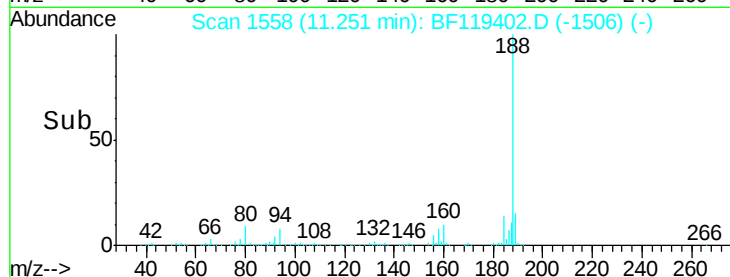
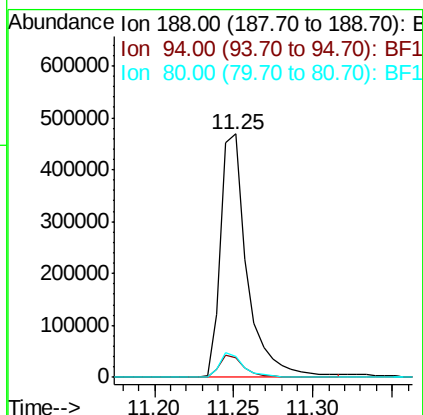
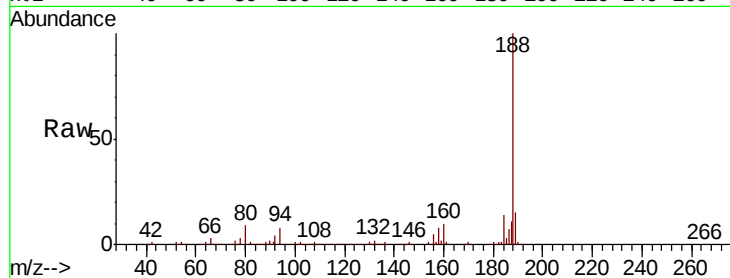




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119402.D
Acq: 13 Mar 2020 1:51

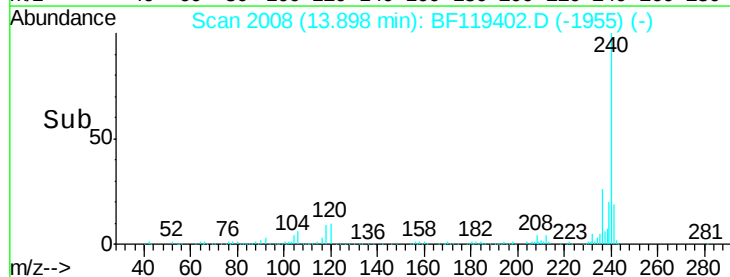
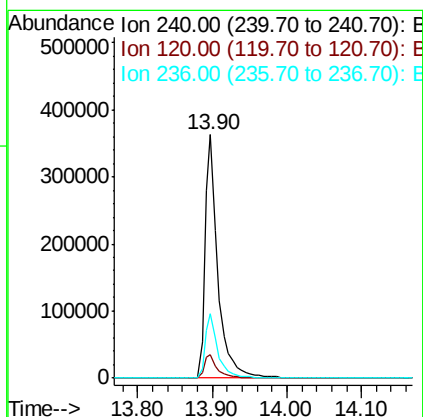
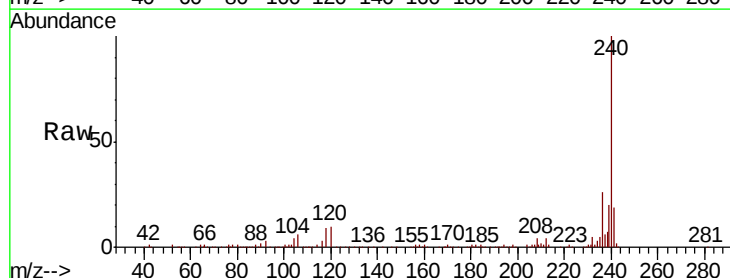
Instrument :
BNA_F
ClientSampleId :
TP-7-DA

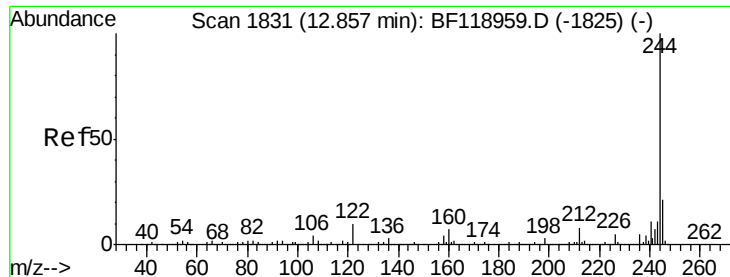
Tot Ion:188 Resp: 545127
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.6 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119402.D
Acq: 13 Mar 2020 1:51

Tgt Ion:240 Resp: 432561
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 26.3 21.0 31.4





#79

Terphenyl-d14

Concen: 87.604 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119402.D

Acq: 13 Mar 2020 1:51

Instrument :

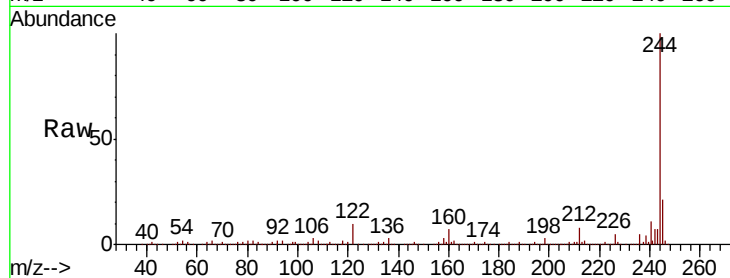
BNA_F

ClientSampleId :

TP-7-DA

Tot Ion:244 Resp: 2201009

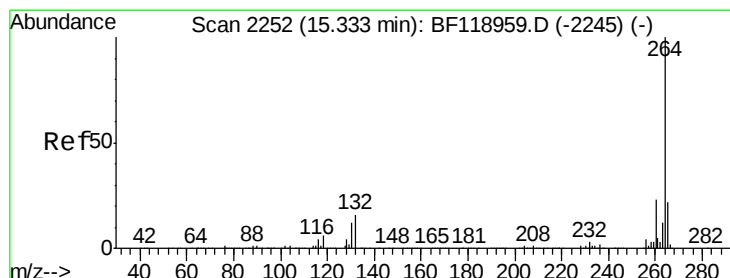
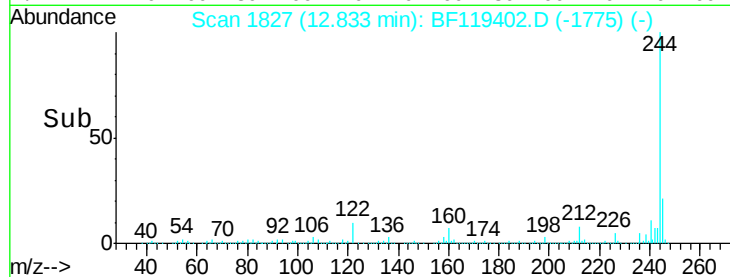
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	10.0
122	9.9	8.2	12.2



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# 2252

Delta R.T. 0.02 min

Lab File: BF119402.D

Acq: 13 Mar 2020 1:51

Tgt Ion:264 Resp: 391102

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.9	17.7	26.5

