

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120145.D
 Acq On : 22 Apr 2020 21:37
 Operator : MA/SJ
 Sample : L2357-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Apr 23 04:03:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

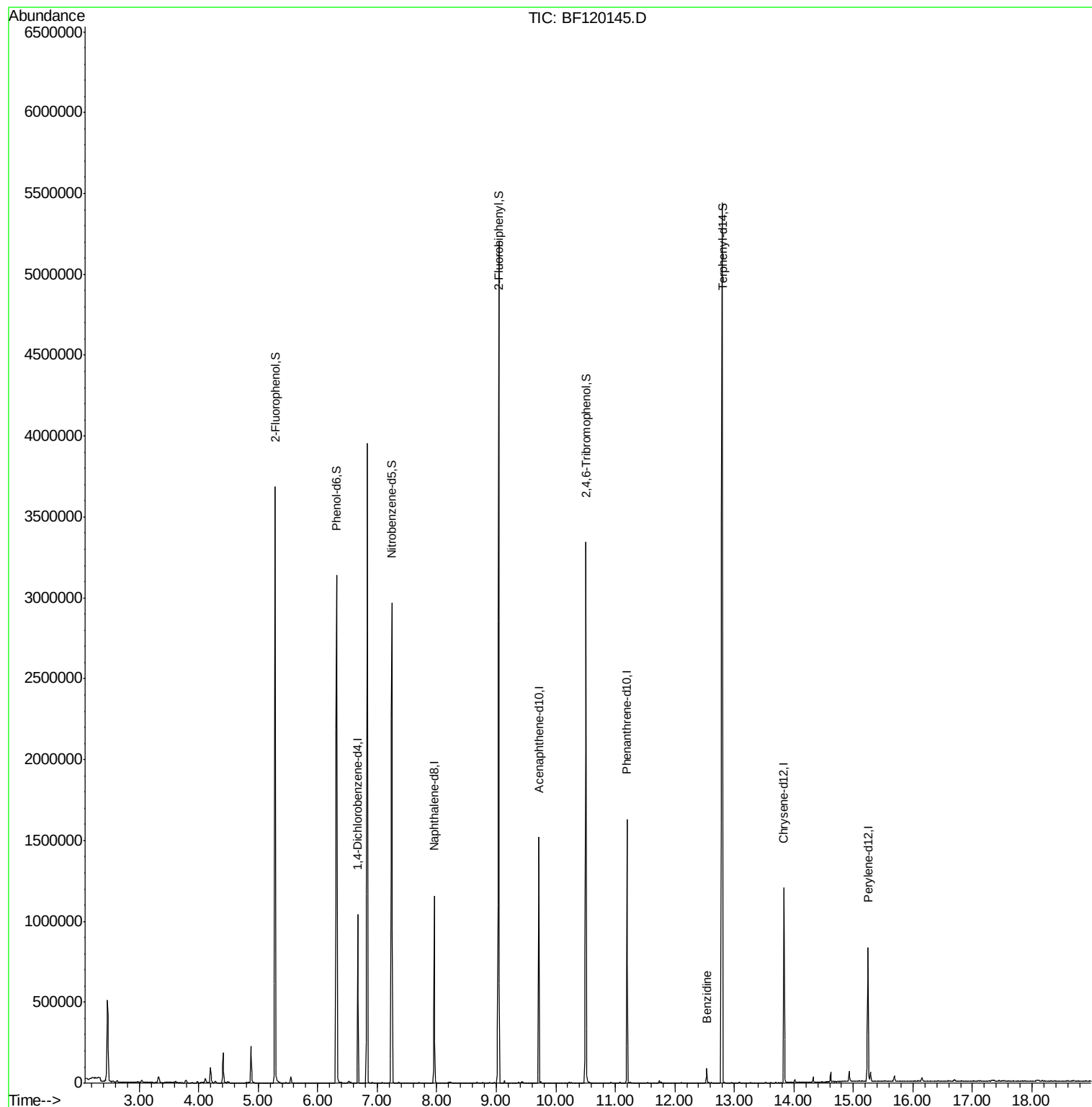
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	139135	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	545806	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	284202	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	556665	20.00	ng	0.00
76) Chrysene-d12	13.84	240	423610	20.00	ng	-0.01
87) Perylene-d12	15.24	264	339219	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1026722	127.53	ng	0.00
7) Phenol-d6	6.32	99	1171202	112.90	ng	-0.01
23) Nitrobenzene-d5	7.25	82	963544	91.33	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	422035	121.29	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1853398	92.59	ng	0.00
79) Terphenyl-d14	12.80	244	2244367	89.15	ng	0.00
Target Compounds						
77) Benzidine	12.53	184	35188	2.46	ng	Qvalue 99

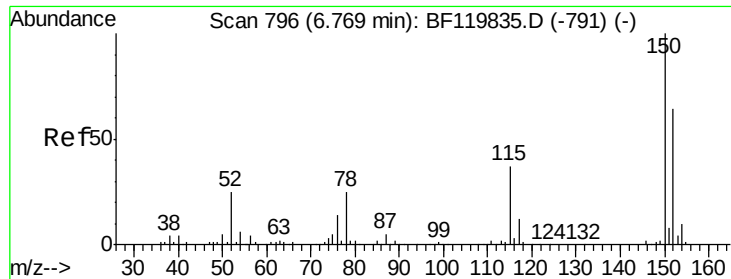
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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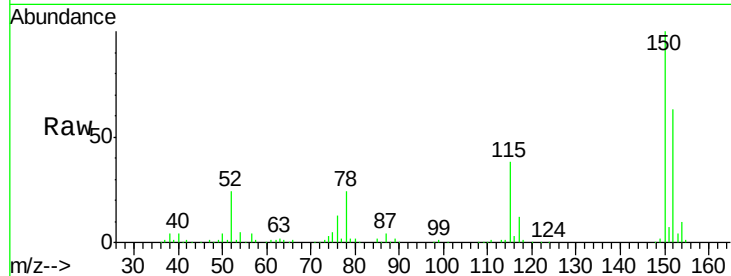


#1

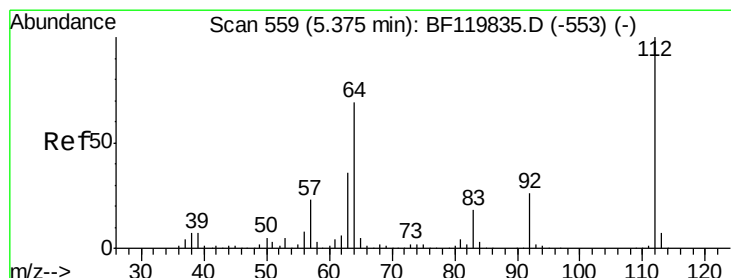
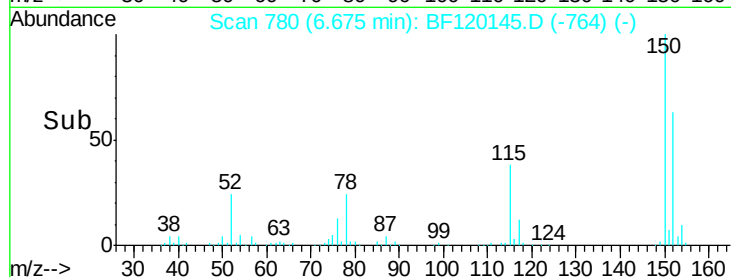
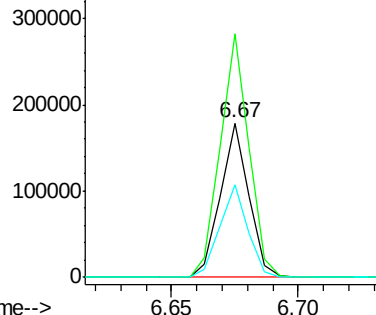
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120145.D
Acq: 22 Apr 2020 21:37

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:152 Resp: 139135
Ion Ratio Lower Upper
152 100
150 158.0 124.5 186.7
115 59.8 49.6 74.4



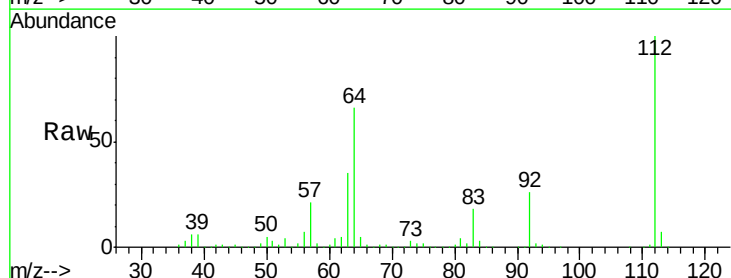
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



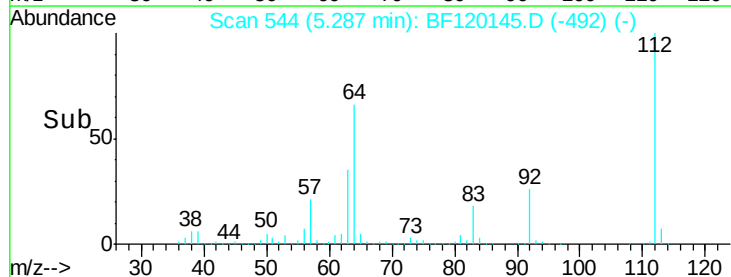
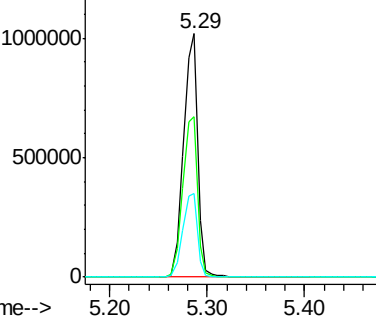
#5

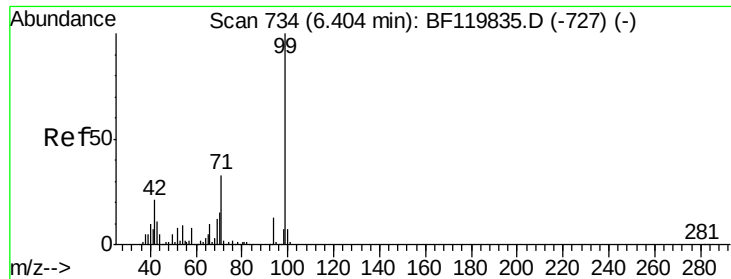
2-Fluorophenol
Concen: 127.53 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF120145.D
Acq: 22 Apr 2020 21:37

Tgt Ion:112 Resp: 1026722
Ion Ratio Lower Upper
112 100
64 66.0 56.7 85.1
63 34.5 29.5 44.3



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: 112.90 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120145.D

Acq: 22 Apr 2020 21:37

Instrument :

BNA_F

ClientSampled :

TP-6

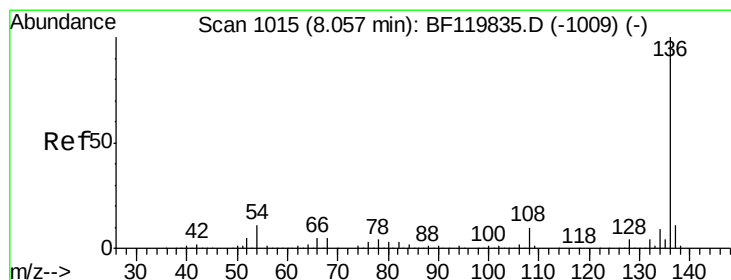
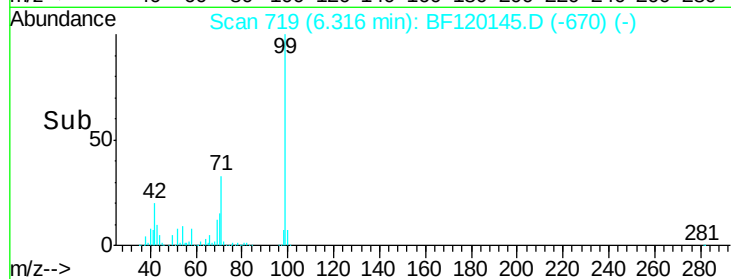
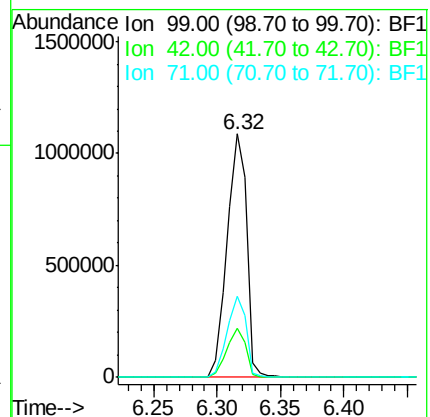
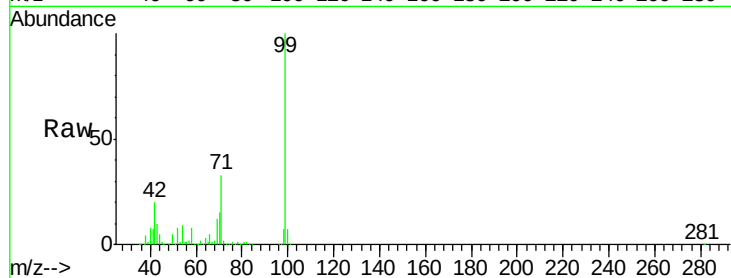
Tgt Ion: 99 Resp: 1171202

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

71 33.3 26.4 39.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF120145.D

Acq: 22 Apr 2020 21:37

Tgt Ion: 136 Resp: 545806

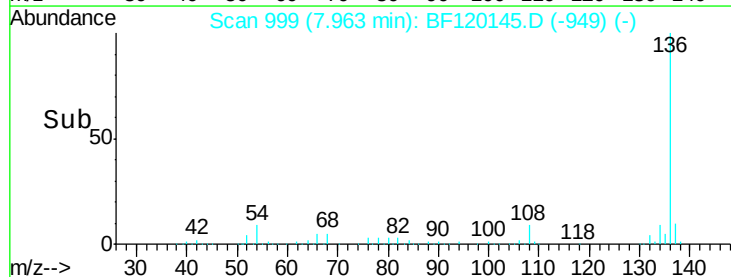
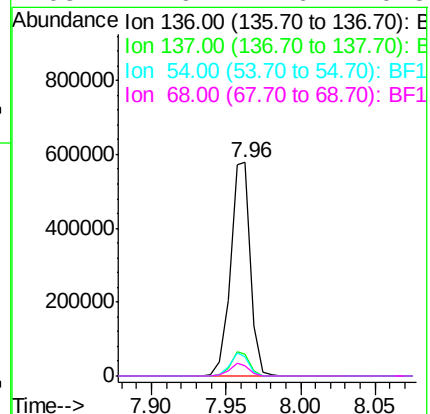
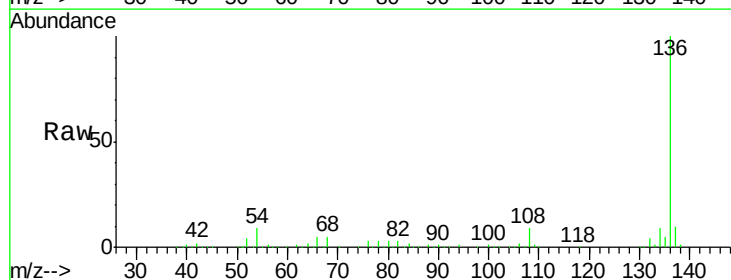
Ion Ratio Lower Upper

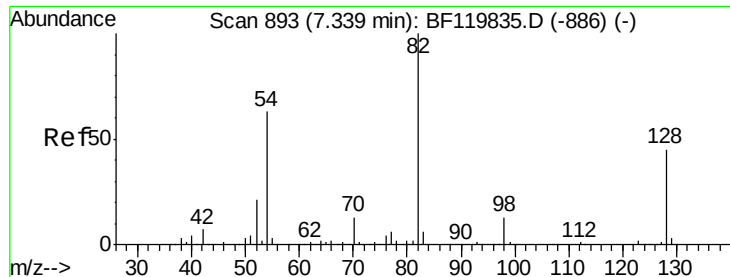
136 100

137 10.4 8.7 13.1

54 9.2 9.1 13.7

68 4.9 4.6 6.8

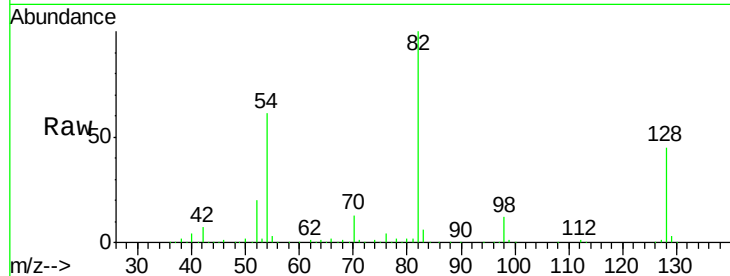




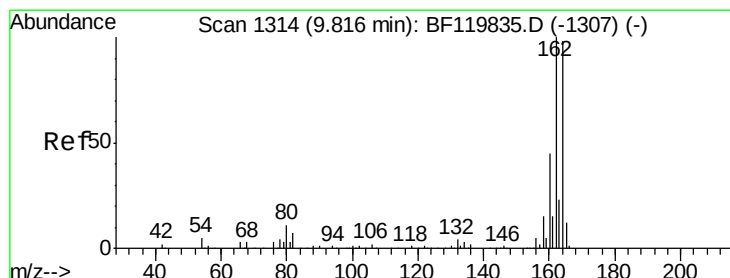
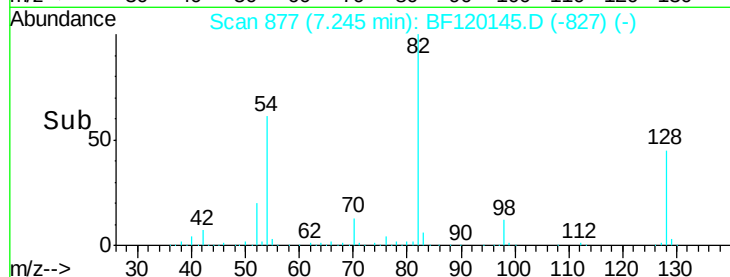
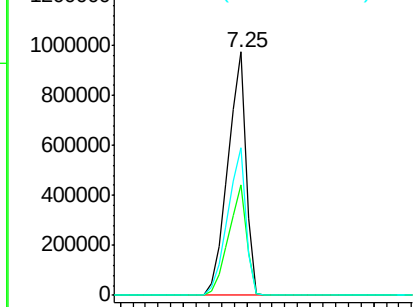
#23
 Nitrobenzene-d5
 Concen: 91.33 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF120145.D
 Acq: 22 Apr 2020 21:37

Instrument :
 BNA_F
 ClientSampled :
 TP-6

Tgt Ion: 82 Resp: 963544
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.3 54.5
 54 60.8 50.6 75.8

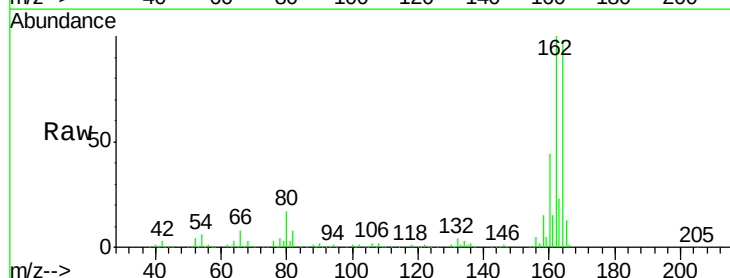


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

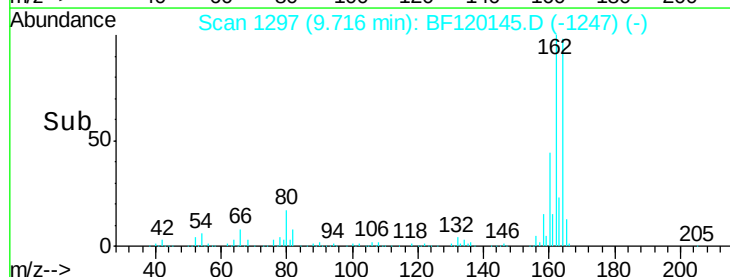
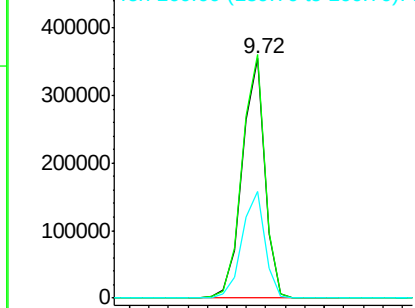


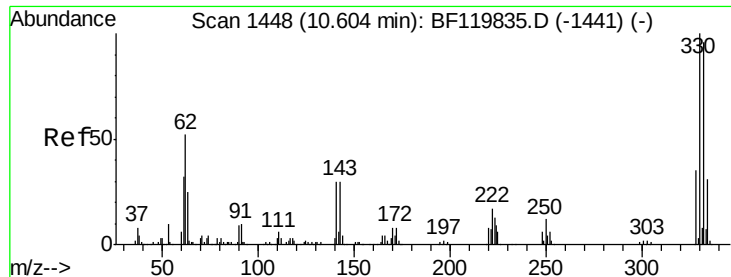
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF120145.D
 Acq: 22 Apr 2020 21:37

Tgt Ion: 164 Resp: 284202
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.6 121.0
 160 44.7 35.7 53.5



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

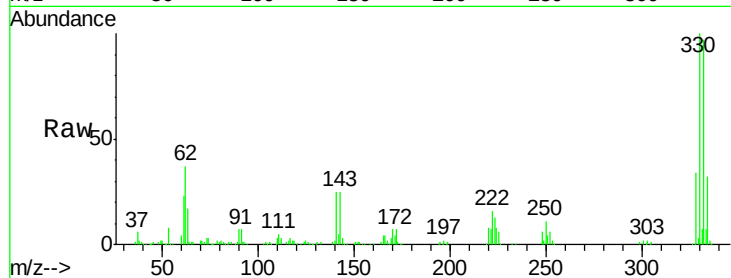




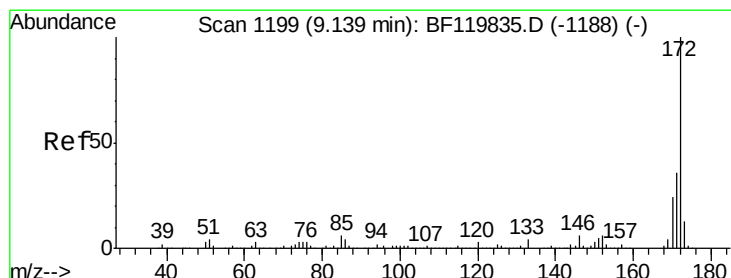
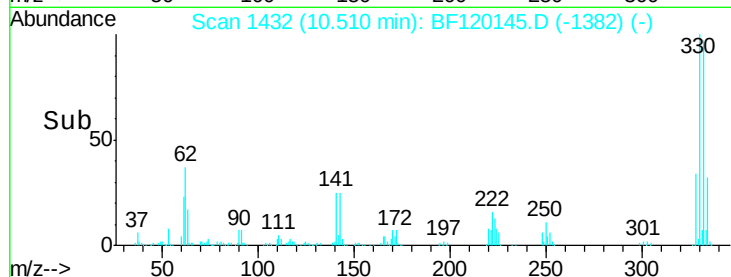
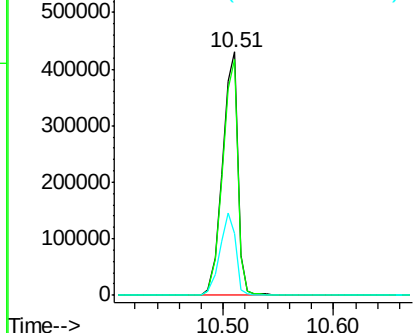
#42
 2,4,6-Tribromophenol
 Concen: 121.29 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120145.D
 Acq: 22 Apr 2020 21:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:330 Resp: 422035
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.7 113.5
 141 34.4 25.4 38.0

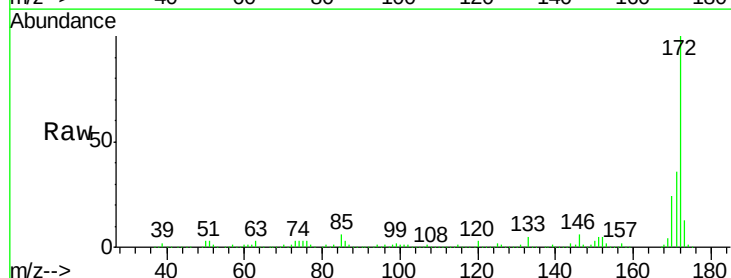


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

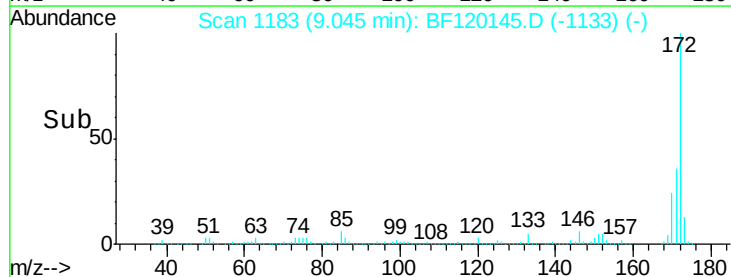
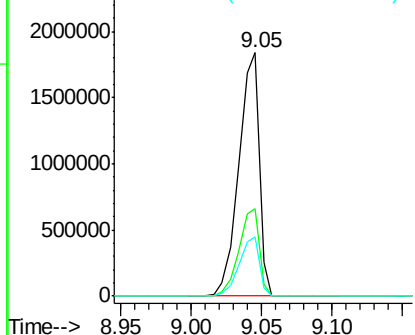


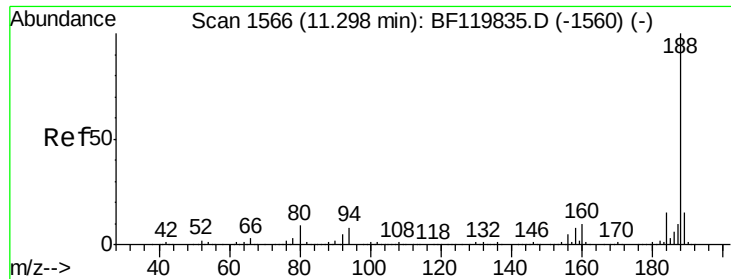
#45
 2-Fluorobiphenyl
 Concen: 92.59 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120145.D
 Acq: 22 Apr 2020 21:37

Tgt Ion:172 Resp: 1853398
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.2 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

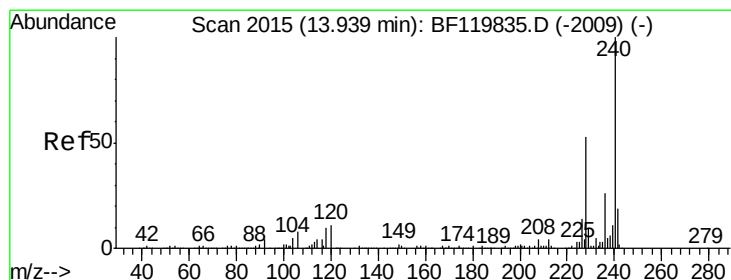
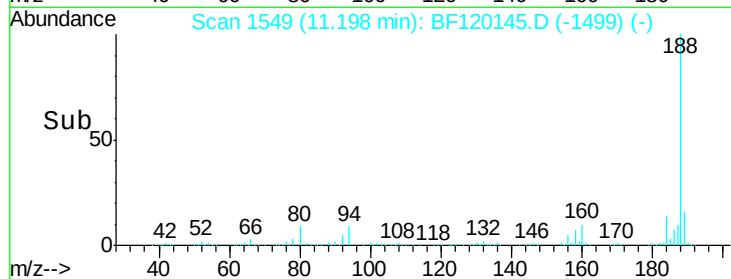
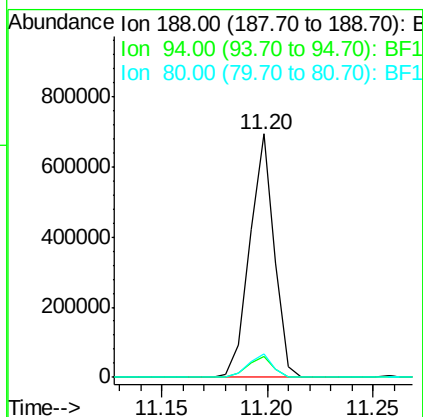
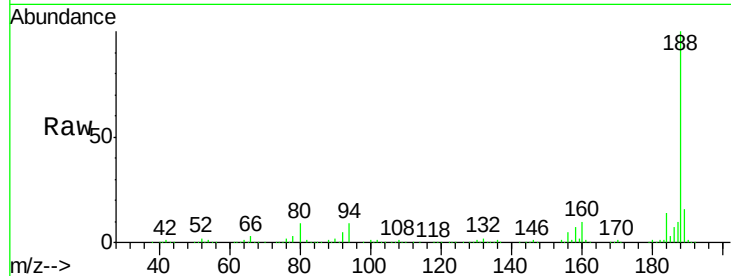




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120145.D
Acq: 22 Apr 2020 21:37

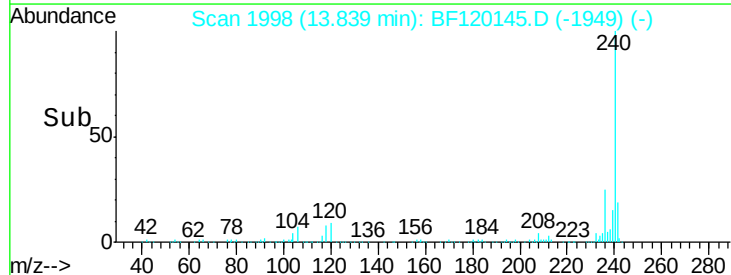
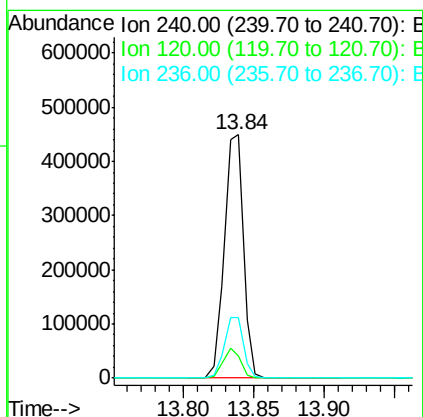
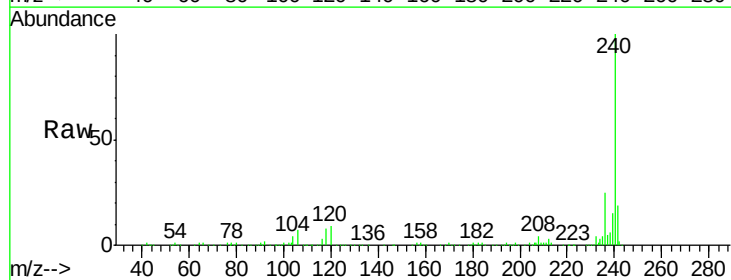
Instrument :
BNA_F
ClientSampleId :
TP-6

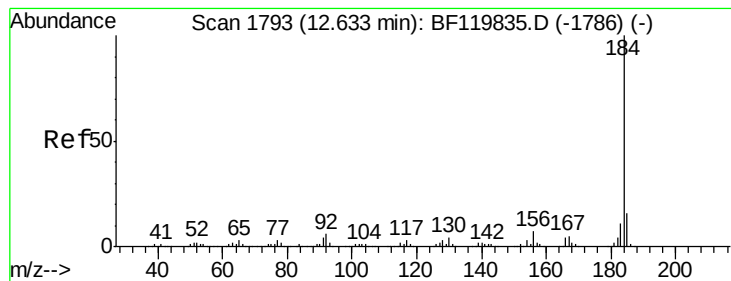
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	556665		
94	8.7		7.5	11.3
80	9.4		9.0	13.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120145.D
Acq: 22 Apr 2020 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	423610		
120	8.9		10.6	15.8#
236	24.8		20.2	30.2





#77

Benzidine

Concen: 2.46 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF120145.D

Acq: 22 Apr 2020 21:37

Instrument :

BNA_F

ClientSampleId :

TP-6

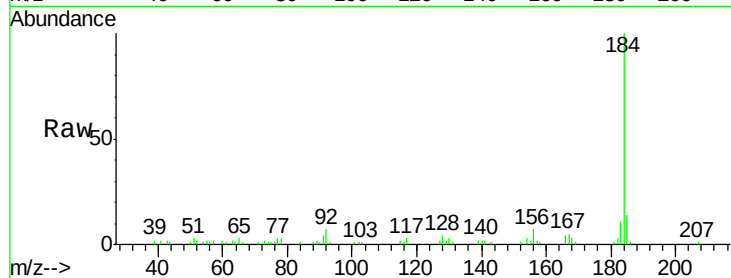
Tgt Ion:184 Resp: 35188

Ion Ratio Lower Upper

184 100

185 14.5 12.3 18.5

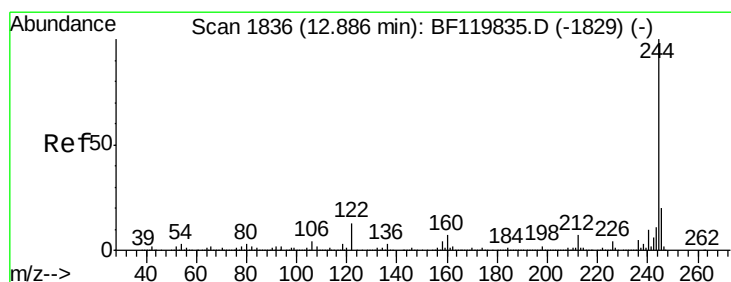
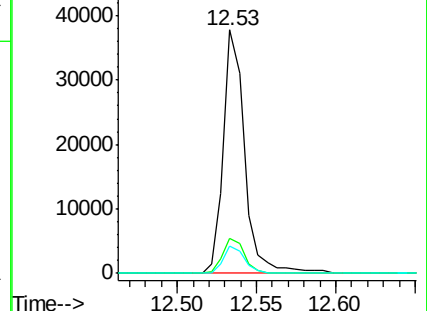
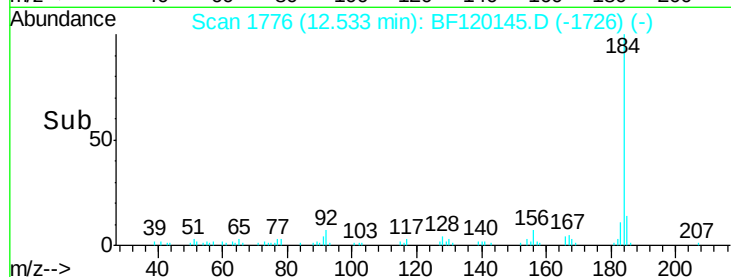
183 11.2 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 89.15 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF120145.D

Acq: 22 Apr 2020 21:37

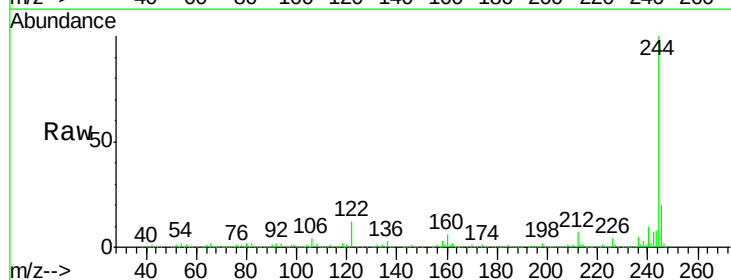
Tgt Ion:244 Resp: 2244367

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

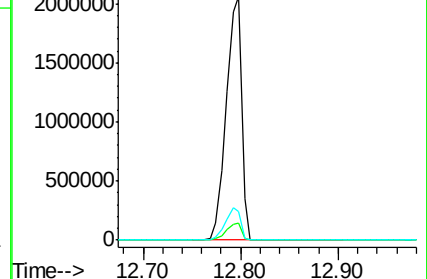
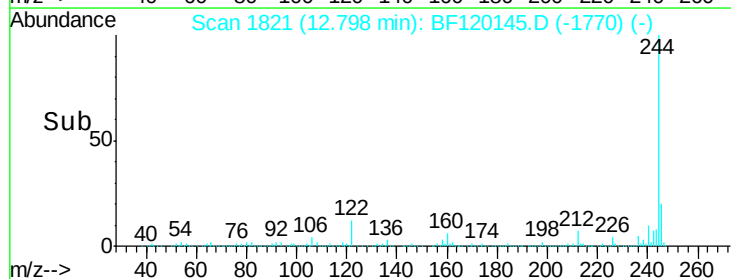
122 11.6 10.3 15.5

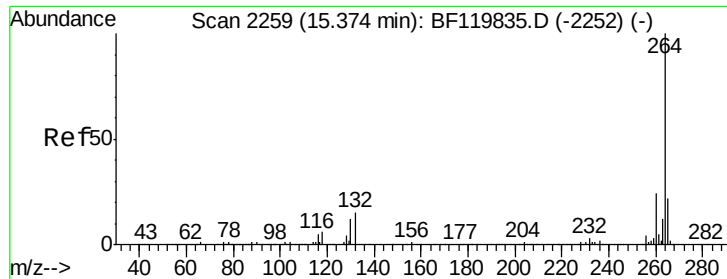


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF120145.D
Acq: 22 Apr 2020 21:37

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion: 264 Resp: 339219
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 20.3 17.7 26.5

