

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120138.D
 Acq On : 22 Apr 2020 18:27
 Operator : MA/SJ
 Sample : L2351-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17A

Quant Time: Apr 23 02:49:42 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	130525	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	493532	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	259888	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	492471	20.00	ng	0.00
76) Chrysene-d12	13.84	240	397834	20.00	ng	-0.01
87) Perylene-d12	15.24	264	336919	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	913374	120.93	ng	0.00
7) Phenol-d6	6.32	99	1108699	113.92	ng	-0.01
23) Nitrobenzene-d5	7.25	82	864458	90.62	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	395649	124.34	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1690613	92.36	ng	0.00
79) Terphenyl-d14	12.80	244	2007238	84.90	ng	0.00

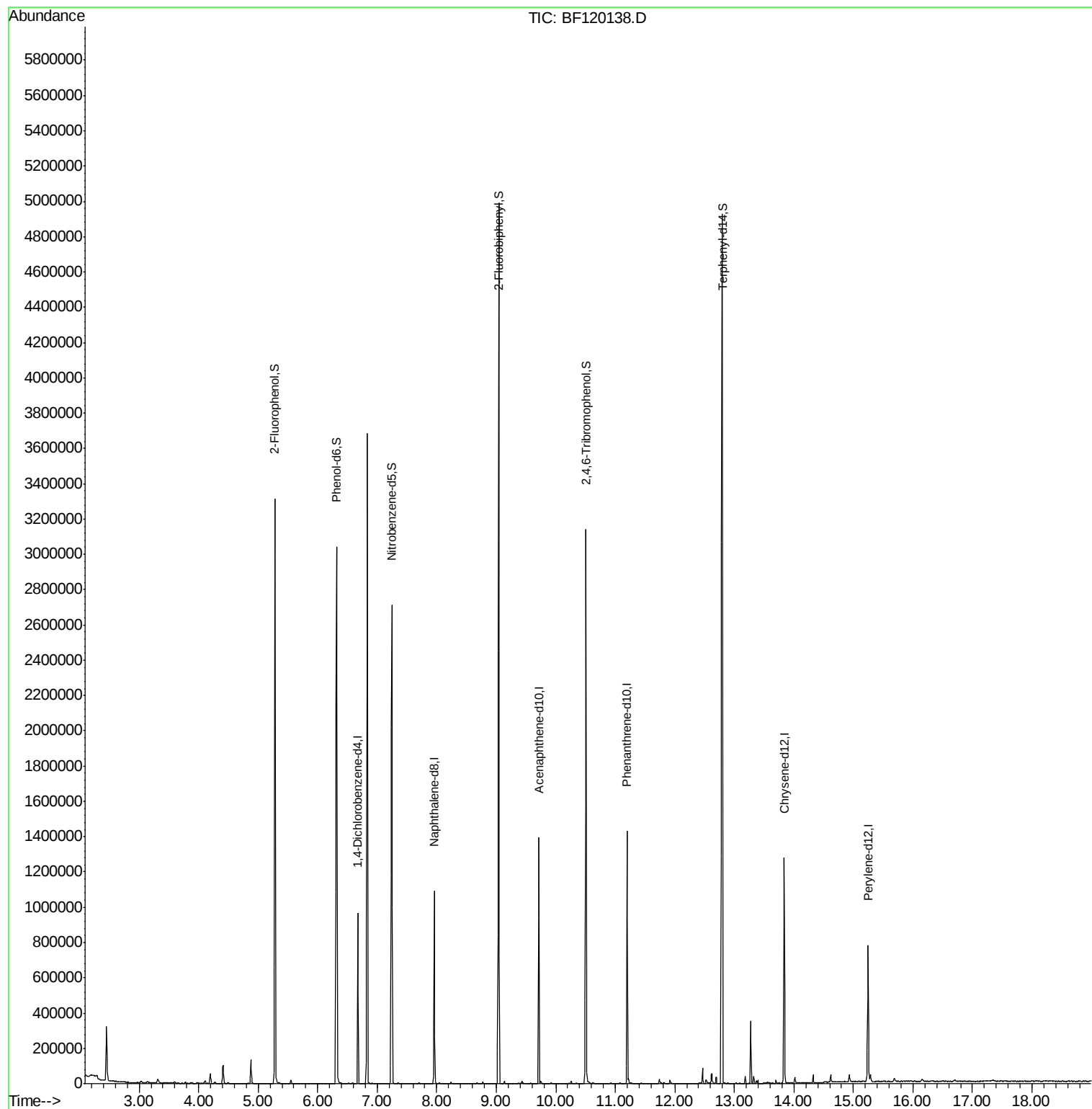
Target Compounds	Qvalue
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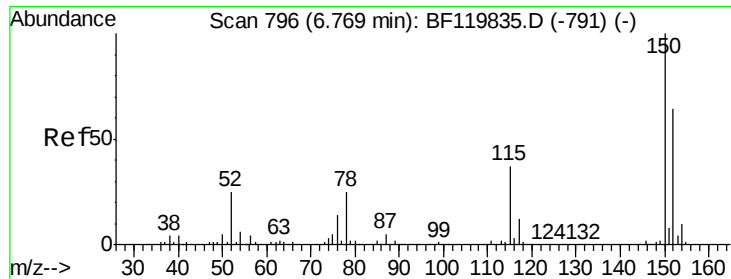
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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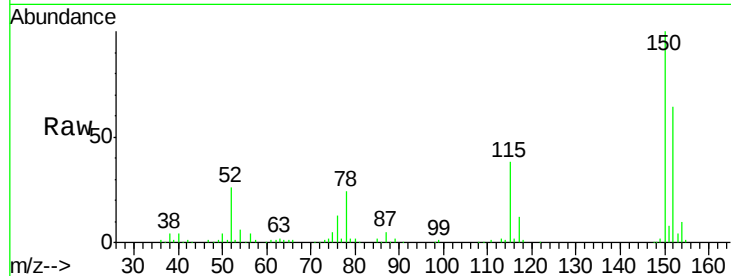




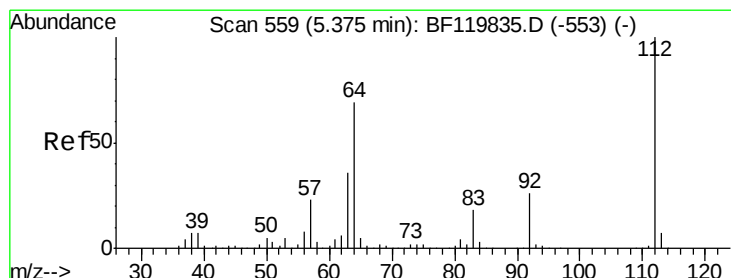
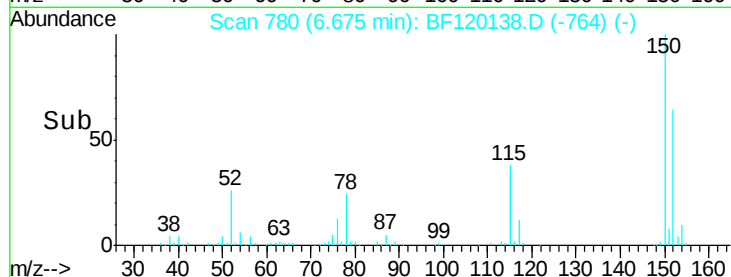
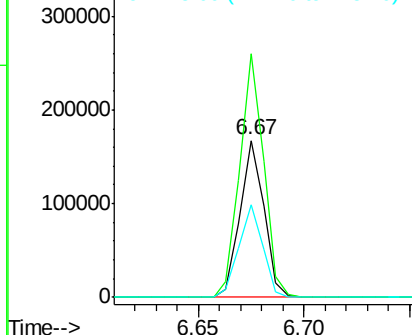
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF120138.D
 Acq: 22 Apr 2020 18:27

Instrument :
 BNA_F
 ClientSampleId :
 TP-17A

Tgt Ion:152 Resp: 130525
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.5 186.7
 115 59.2 49.6 74.4

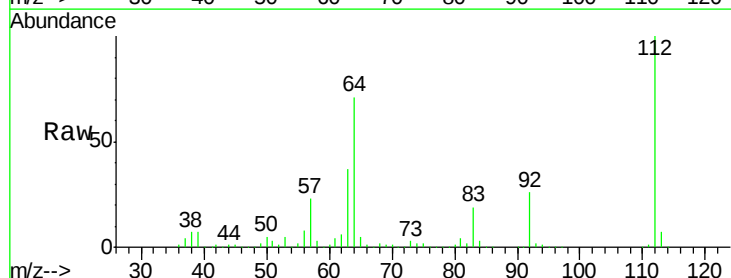


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

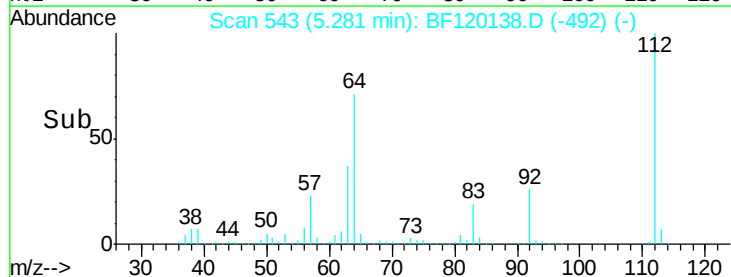
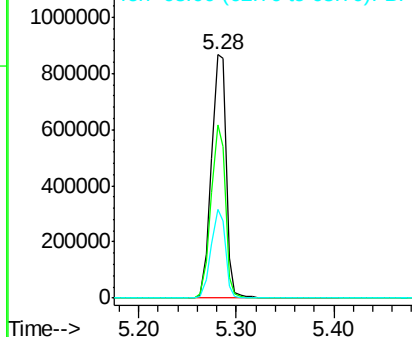


#5
 2-Fluorophenol
 Concen: 120.93 ng
 RT: 5.28 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF120138.D
 Acq: 22 Apr 2020 18:27

Tgt Ion:112 Resp: 913374
 Ion Ratio Lower Upper
 112 100
 64 71.1 56.7 85.1
 63 36.6 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: 113.92 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120138.D

Acq: 22 Apr 2020 18:27

Instrument :

BNA_F

ClientSampled :

TP-17A

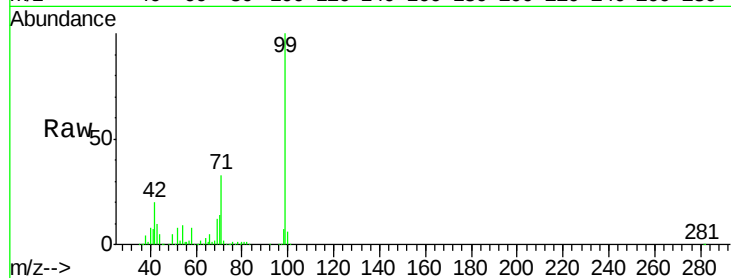
Tgt Ion: 99 Resp: 1108699

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

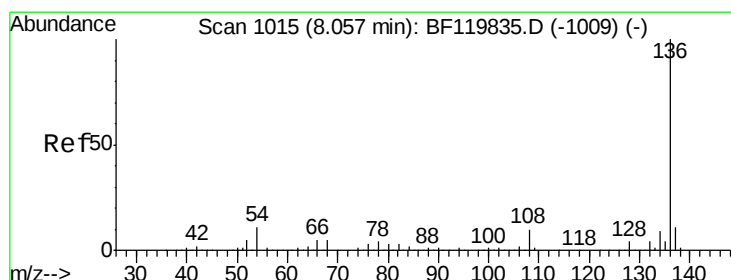
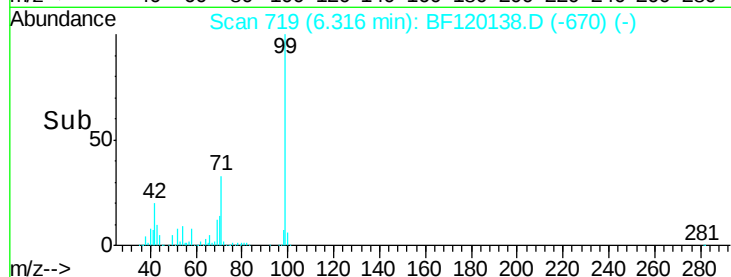
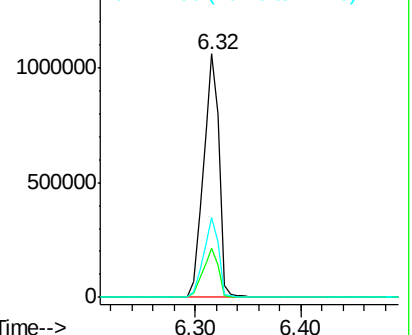
71 33.0 26.4 39.6



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: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF120138.D

Acq: 22 Apr 2020 18:27

Tgt Ion: 136 Resp: 493532

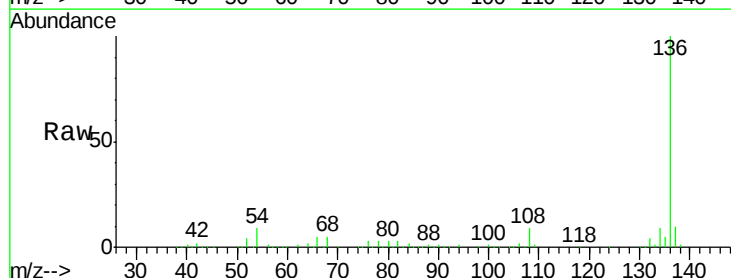
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 8.9 9.1 13.7#

68 4.9 4.6 6.8

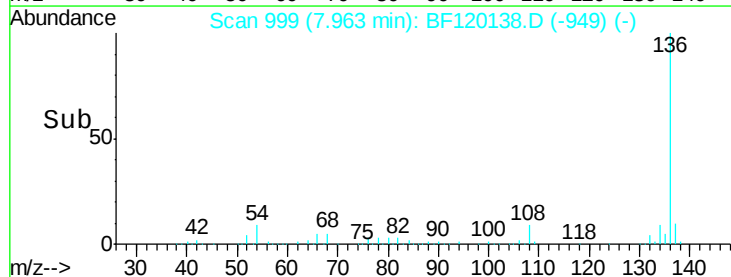
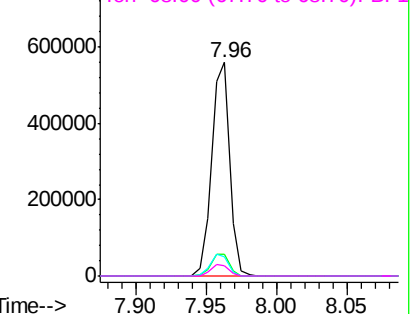


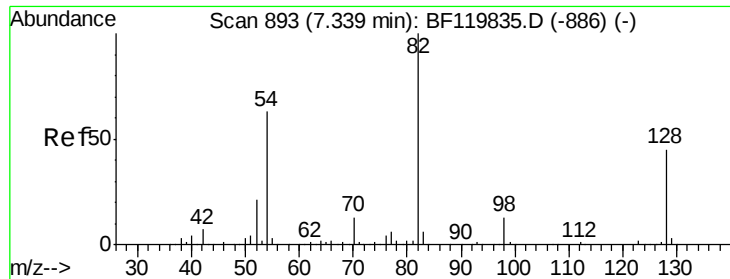
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

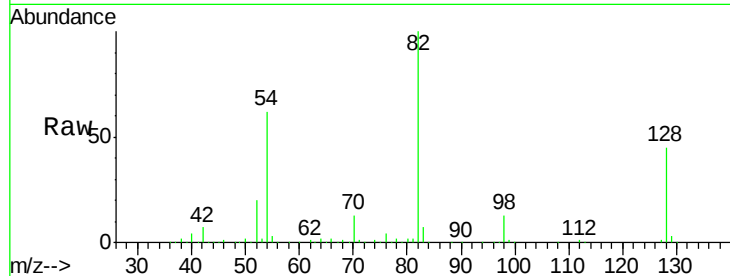




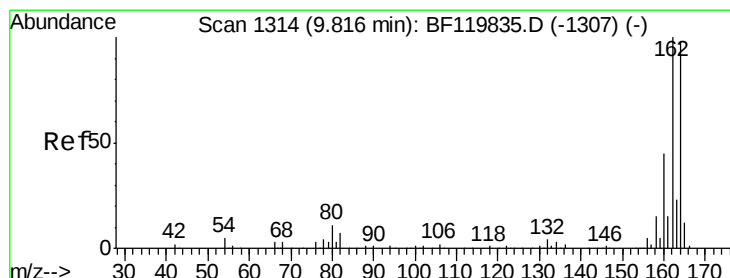
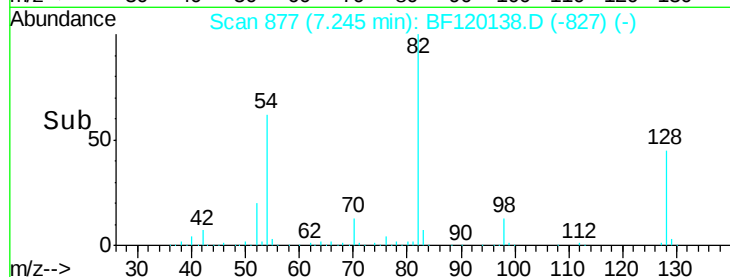
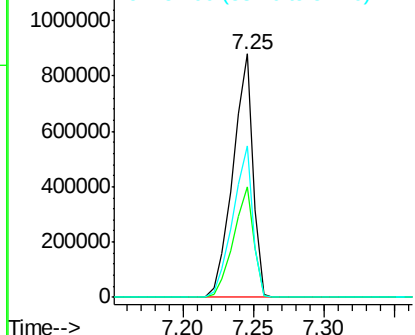
#23
 Nitrobenzene-d5
 Concen: 90.62 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF120138.D
 Acq: 22 Apr 2020 18:27

Instrument :
 BNA_F
 ClientSampled :
 TP-17A

Tgt Ion: 82 Resp: 864458
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.3 54.5
 54 62.4 50.6 75.8

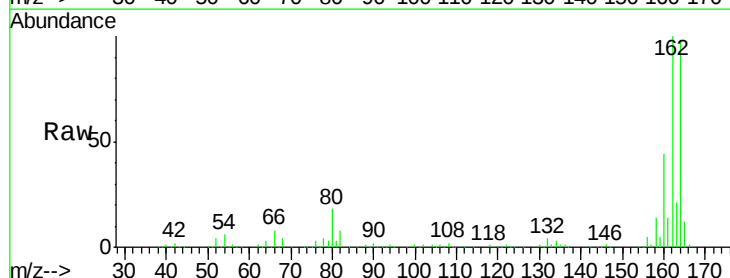


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

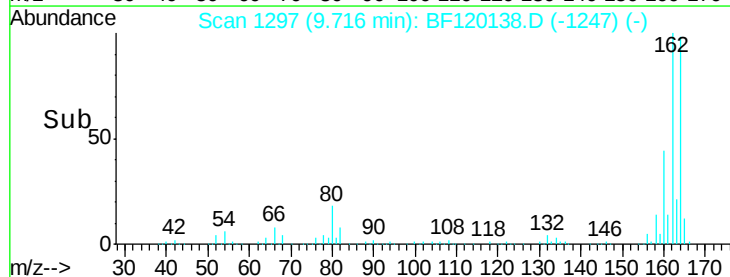
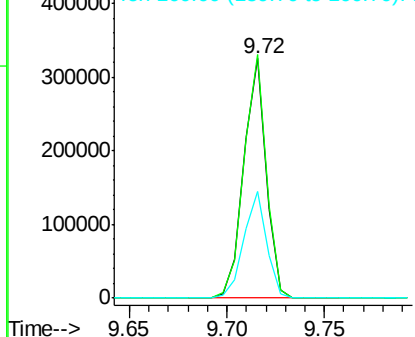


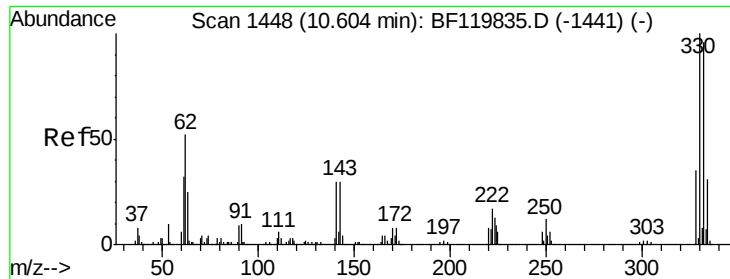
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF120138.D
 Acq: 22 Apr 2020 18:27

Tgt Ion: 164 Resp: 259888
 Ion Ratio Lower Upper
 164 100
 162 101.8 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

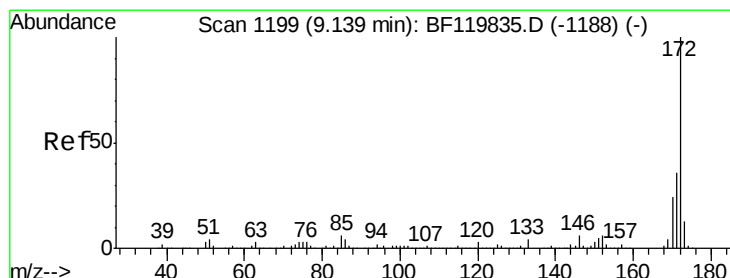
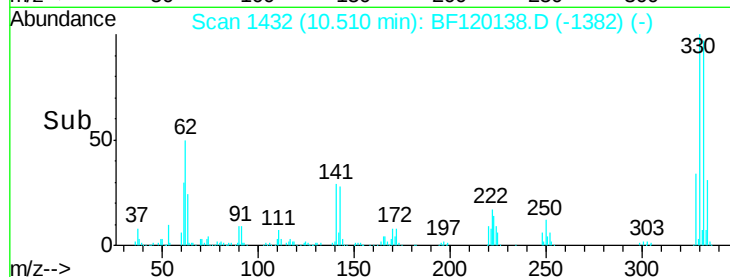
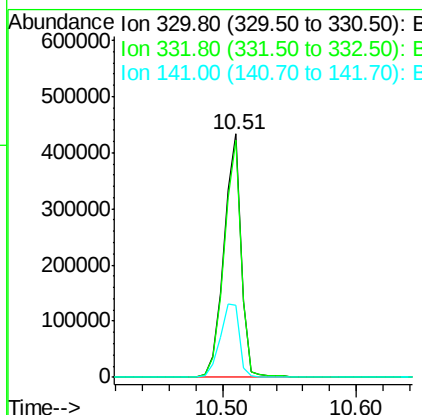
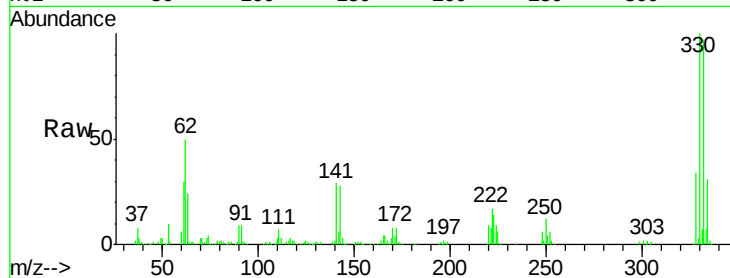




#42
 2,4,6-Tribromophenol
 Concen: 124.34 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120138.D
 Acq: 22 Apr 2020 18:27

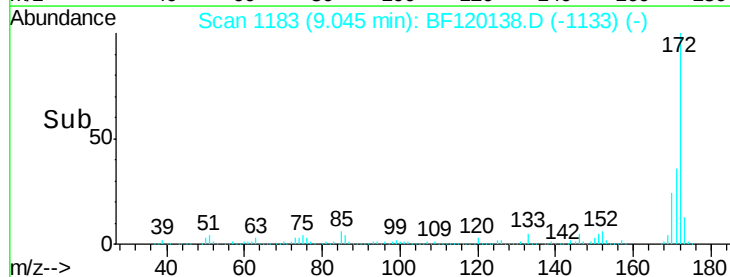
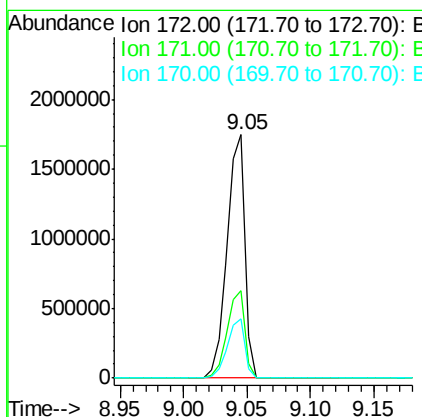
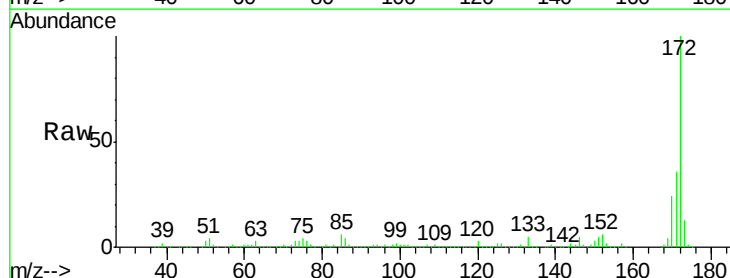
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 BNA_F
 ClientSampleId :
 TP-17A

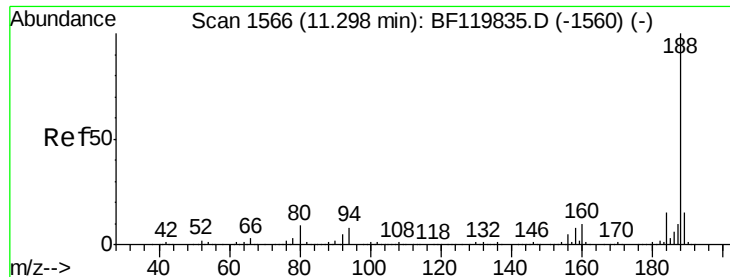
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.7	113.5
141	34.2	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 92.36 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120138.D
 Acq: 22 Apr 2020 18:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.4	20.2	30.2

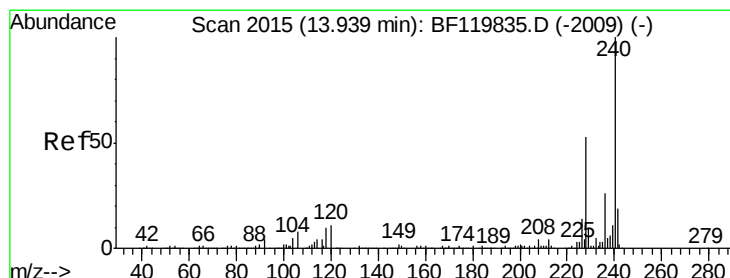
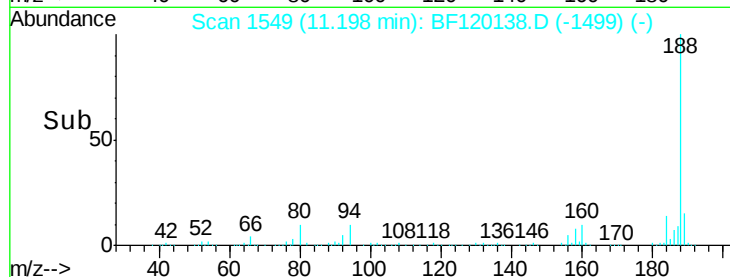
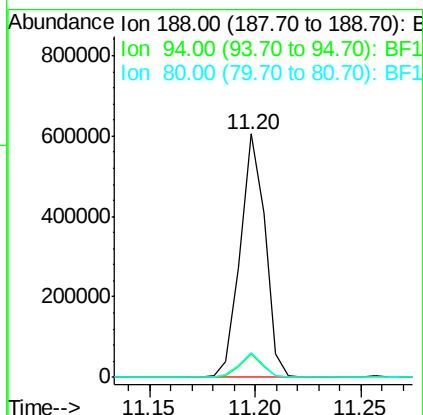
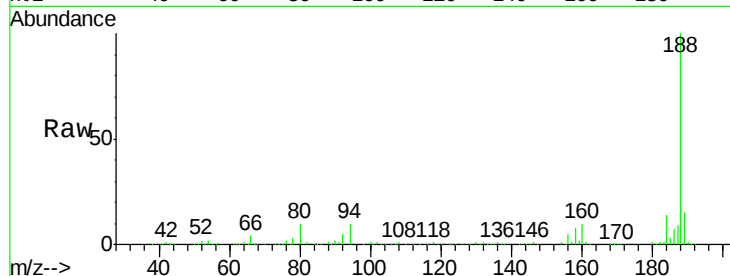




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120138.D
Acq: 22 Apr 2020 18:27

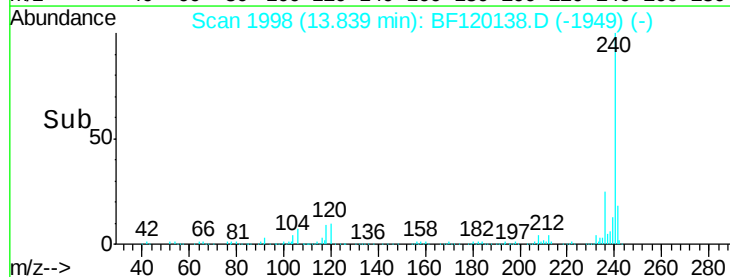
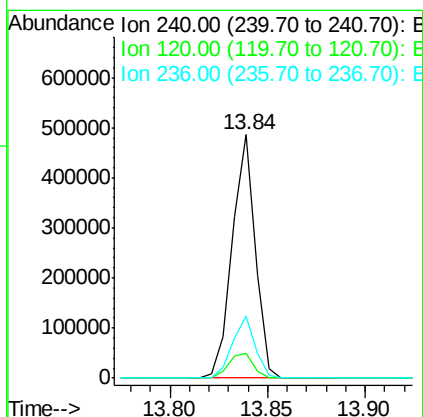
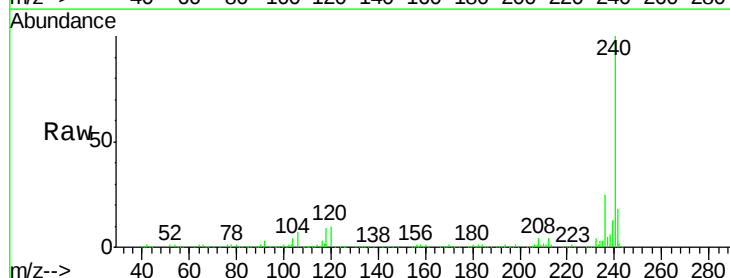
Instrument :
BNA_F
ClientSampleId :
TP-17A

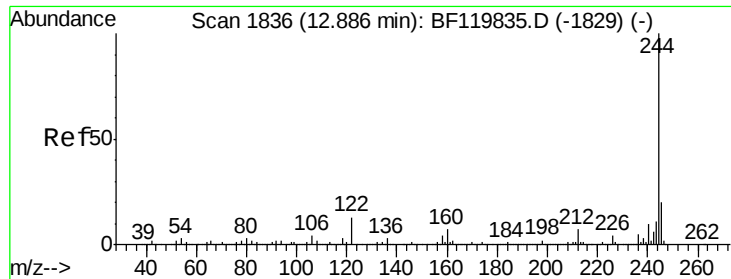
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	492471		
94	9.6	7.5	11.3	
80	9.9	9.0	13.4	



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120138.D
Acq: 22 Apr 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	397834		
120	10.3	10.6	15.8#	
236	25.4	20.2	30.2	

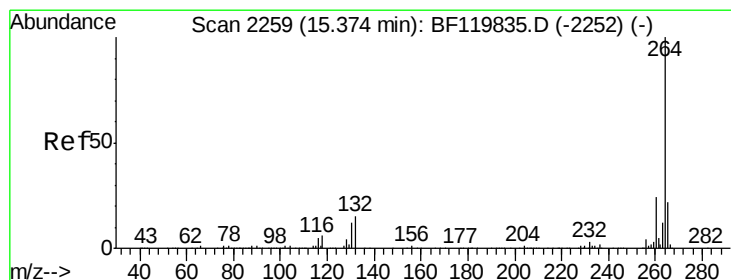
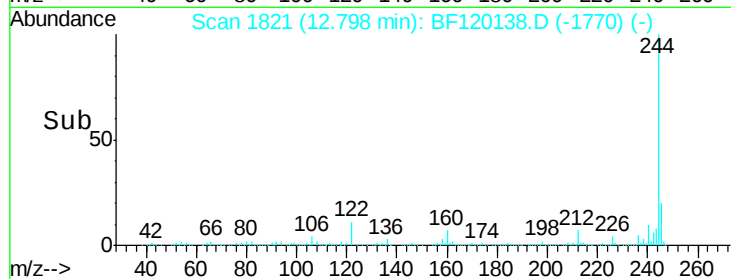
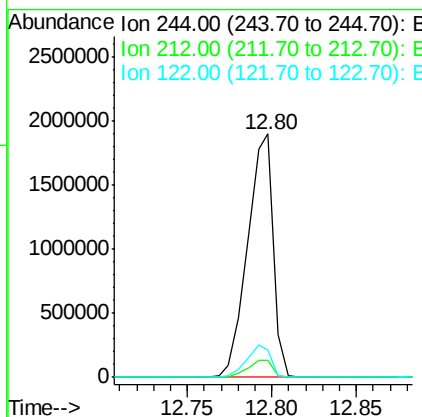
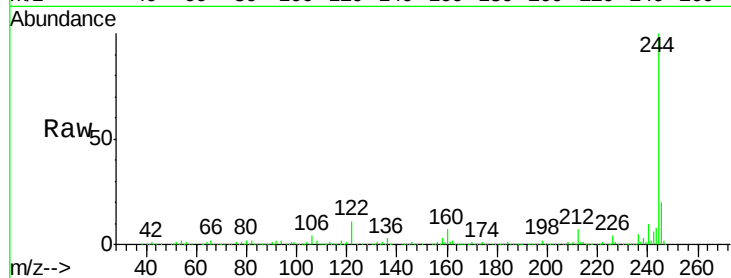




#79
 Terphenyl-d14
 Concen: 84.90 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF120138.D
 Acq: 22 Apr 2020 18:27

Instrument :
 BNA_F
 ClientSampleId :
 TP-17A

Tgt Ion:244 Resp: 2007238
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 11.2 10.3 15.5



#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF120138.D
 Acq: 22 Apr 2020 18:27

Tgt Ion:264 Resp: 336919
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 22.1 17.7 26.5

