

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120144.D
 Acq On : 22 Apr 2020 21:09
 Operator : MA/SJ
 Sample : L2351-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-20A

Quant Time: Apr 23 04:00:54 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	136777	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	518471	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	264896	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	513851	20.00	ng	0.00
76) Chrysene-d12	13.83	240	390370	20.00	ng	-0.02
87) Perylene-d12	15.24	264	301643	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	966074	122.06	ng	0.00
7) Phenol-d6	6.32	99	1160278	113.77	ng	-0.01
23) Nitrobenzene-d5	7.25	82	884517	88.26	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	402211	124.02	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1731688	92.81	ng	0.00
79) Terphenyl-d14	12.79	244	2081030	89.70	ng	0.00

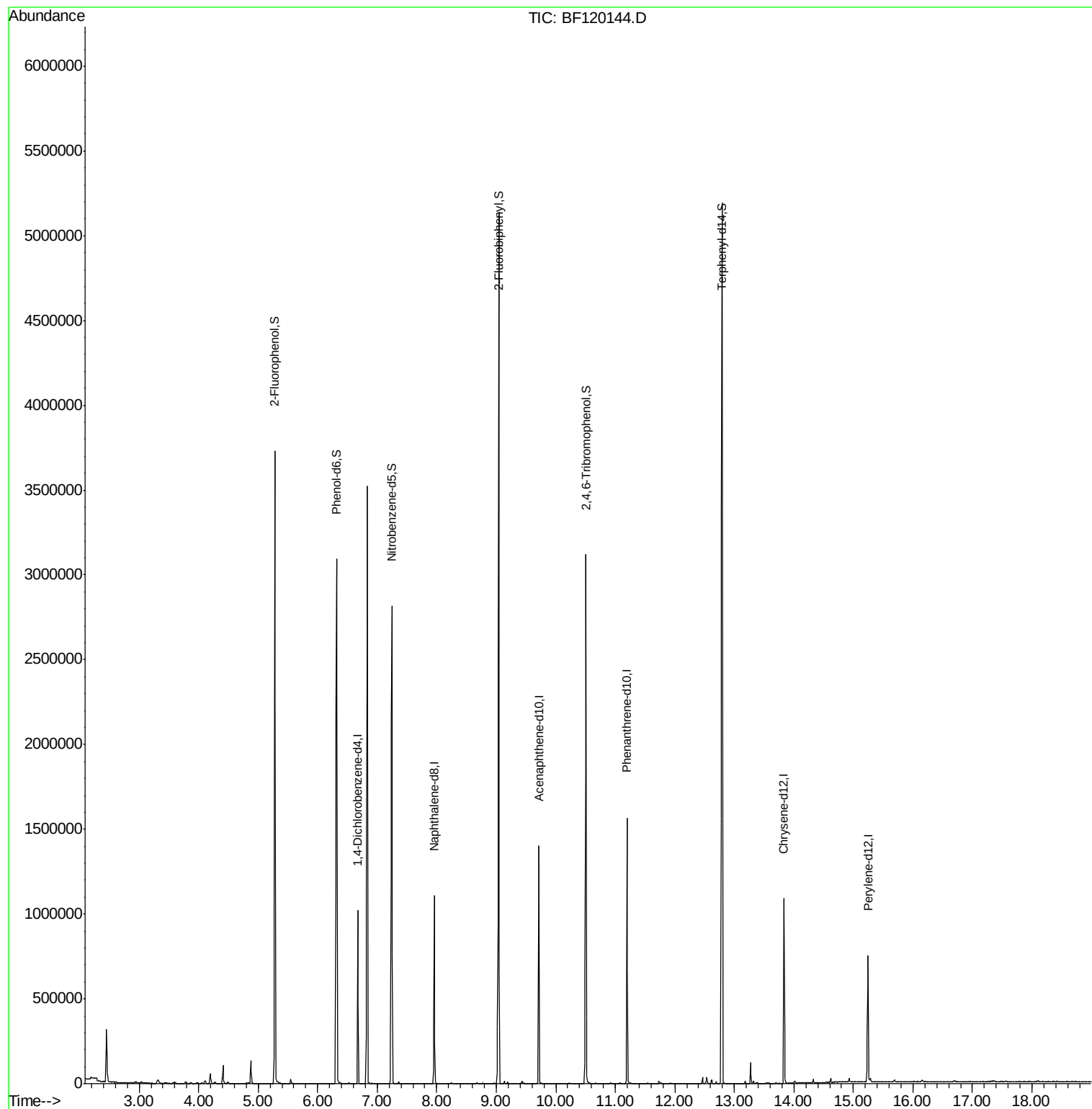
Target Compounds	Qvalue
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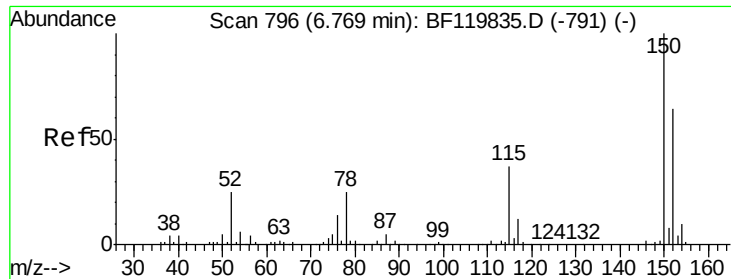
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF120144.D

Acq: 22 Apr 2020 21:09

Instrument :

BNA_F

ClientSampleId :

TP-20A

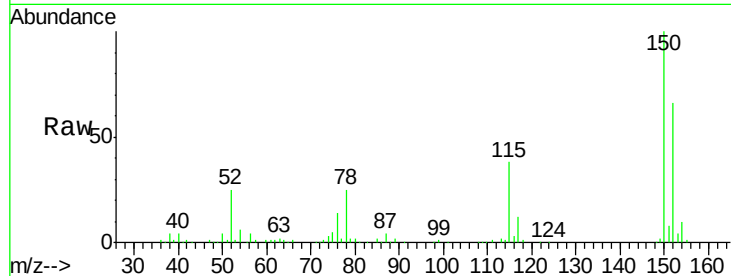
Tgt Ion:152 Resp: 136777

Ion Ratio Lower Upper

152 100

150 151.9 124.5 186.7

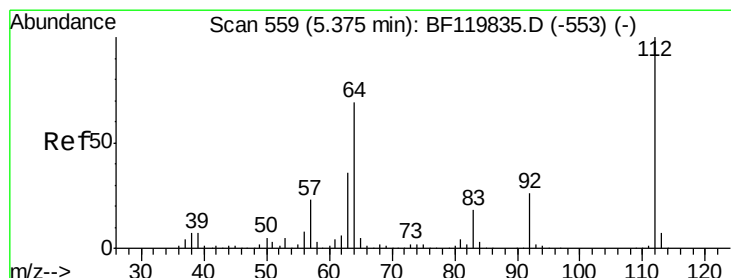
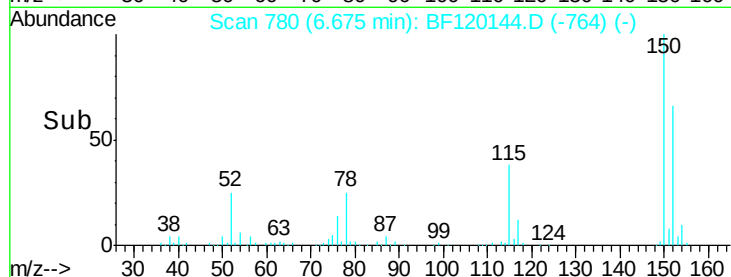
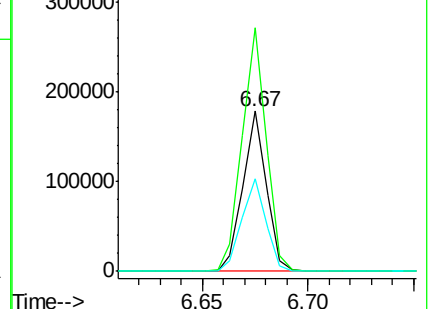
115 58.0 49.6 74.4



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: 122.06 ng

RT: 5.28 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF120144.D

Acq: 22 Apr 2020 21:09

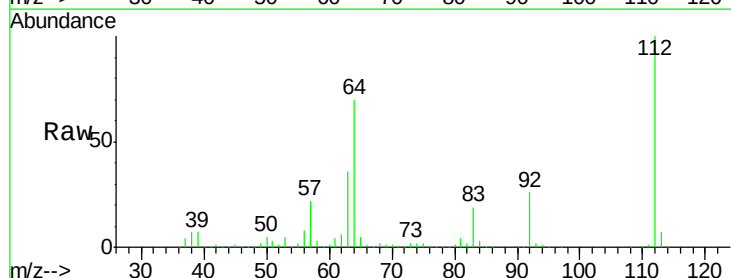
Tgt Ion:112 Resp: 966074

Ion Ratio Lower Upper

112 100

64 69.7 56.7 85.1

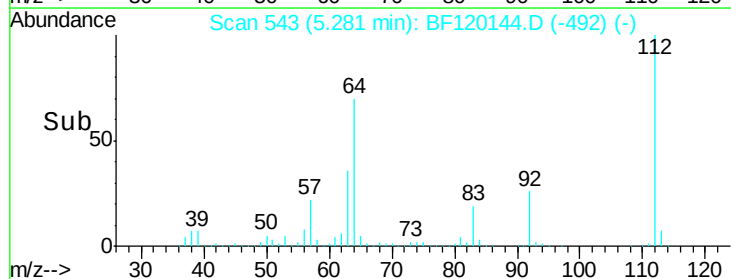
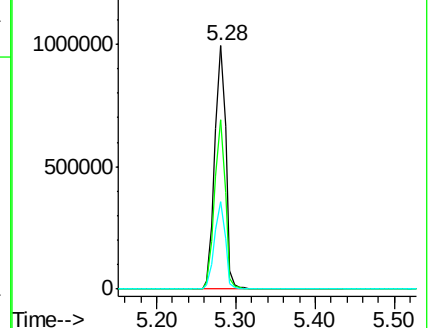
63 35.9 29.5 44.3

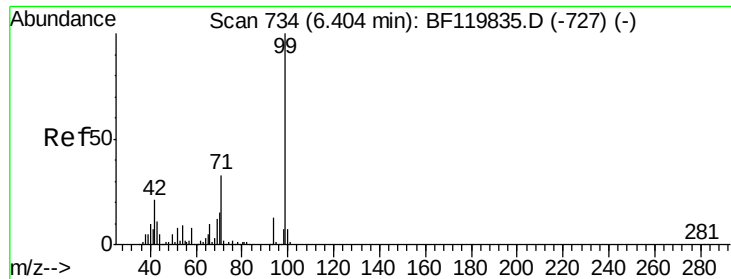


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 113.77 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120144.D

Acq: 22 Apr 2020 21:09

Instrument :

BNA_F

ClientSampled :

TP-20A

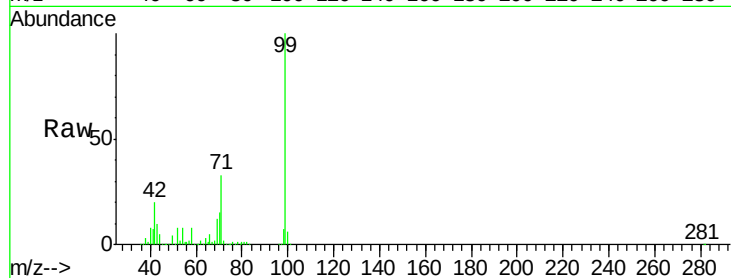
Tgt Ion: 99 Resp: 1160278

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

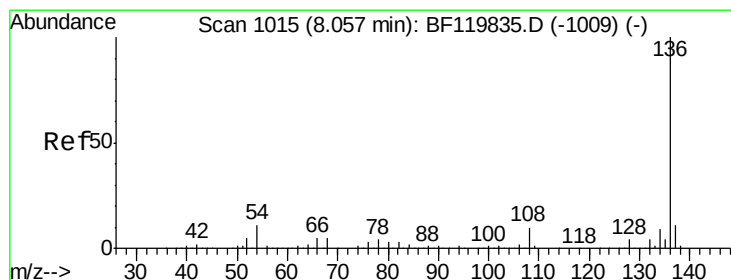
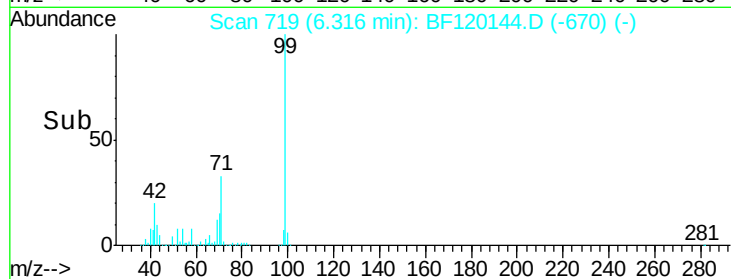
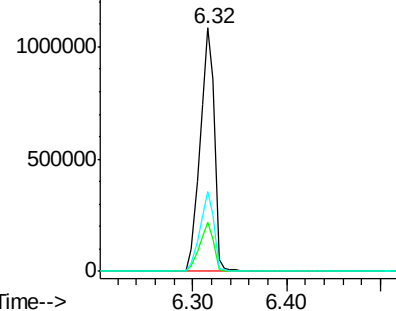
71 33.0 26.4 39.6



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: BF120144.D

Acq: 22 Apr 2020 21:09

Tgt Ion: 136 Resp: 518471

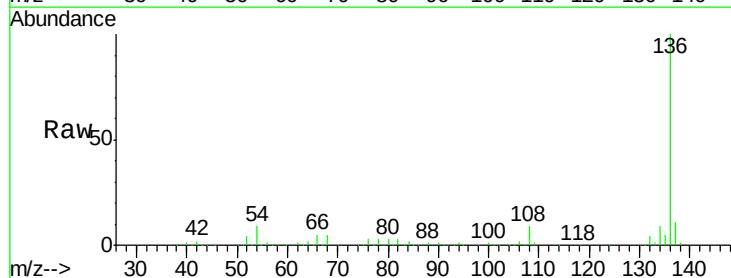
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.9 9.1 13.7#

68 5.2 4.6 6.8

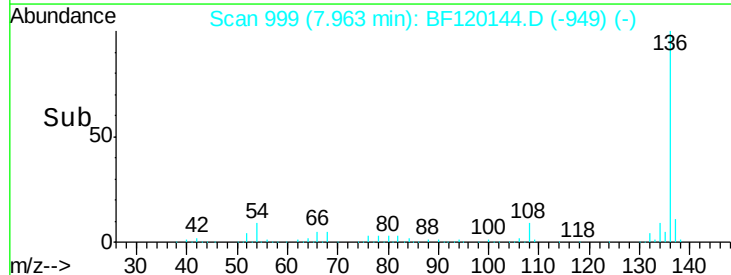
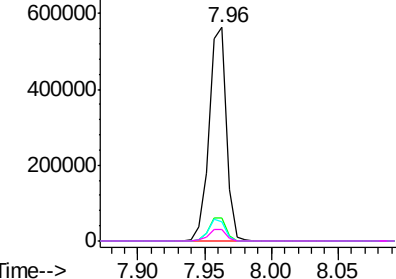


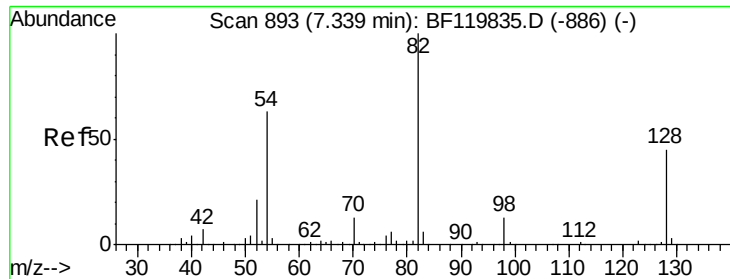
Abundance Ion 136.00 (135.70 to 136.70): E

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

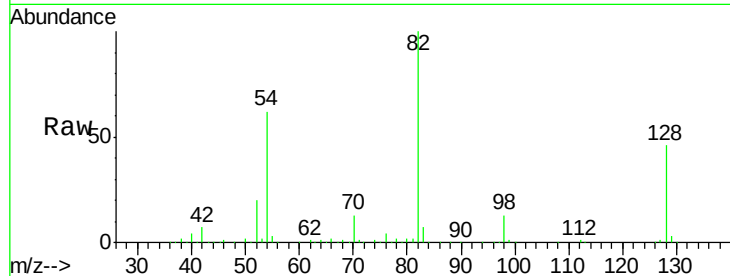




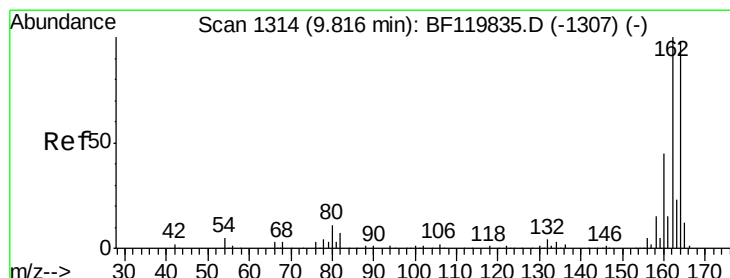
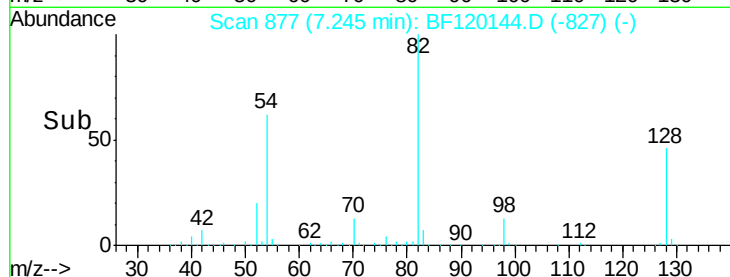
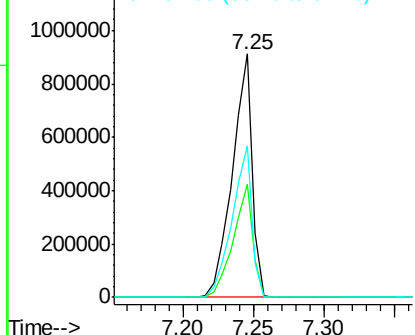
#23
 Nitrobenzene-d5
 Concen: 88.26 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF120144.D
 Acq: 22 Apr 2020 21:09

Instrument :
 BNA_F
 ClientSampleID :
 TP-20A

Tgt Ion: 82 Resp: 884517
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.3 54.5
 54 62.0 50.6 75.8

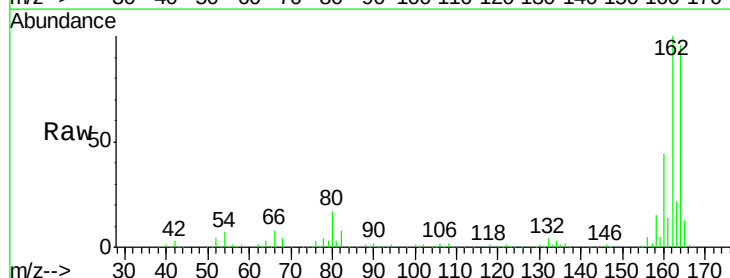


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

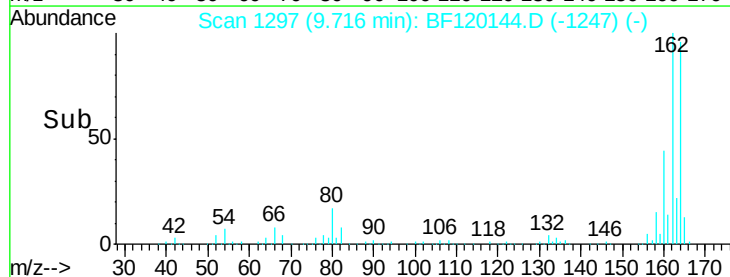
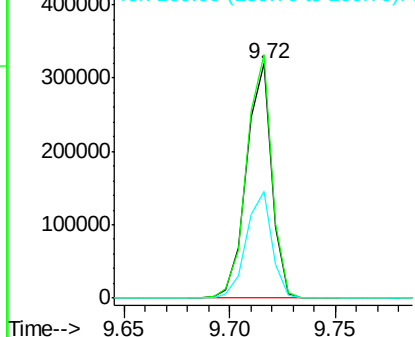


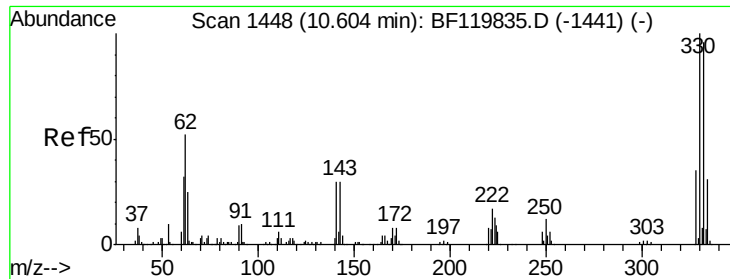
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF120144.D
 Acq: 22 Apr 2020 21:09

Tgt Ion: 164 Resp: 264896
 Ion Ratio Lower Upper
 164 100
 162 103.9 80.6 121.0
 160 45.8 35.7 53.5



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

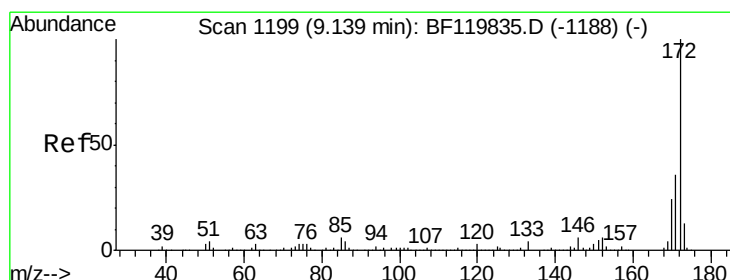
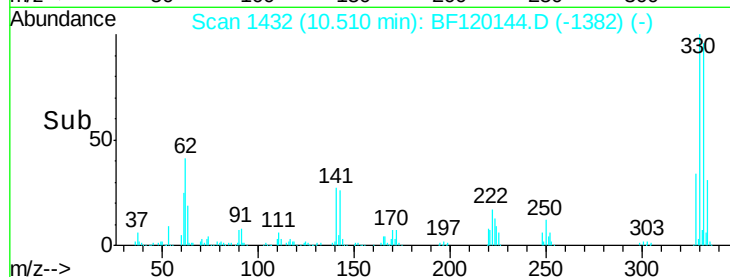
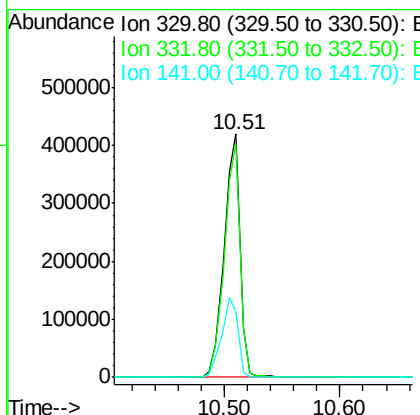
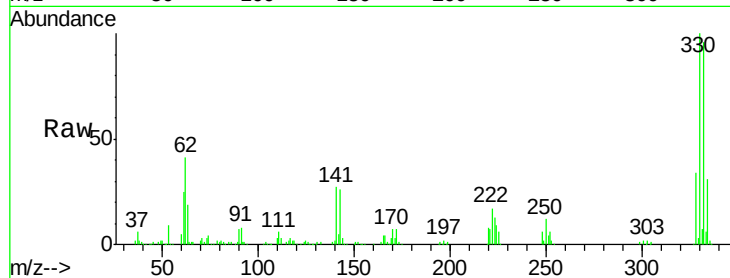




#42
 2,4,6-Tribromophenol
 Concen: 124.02 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120144.D
 Acq: 22 Apr 2020 21:09

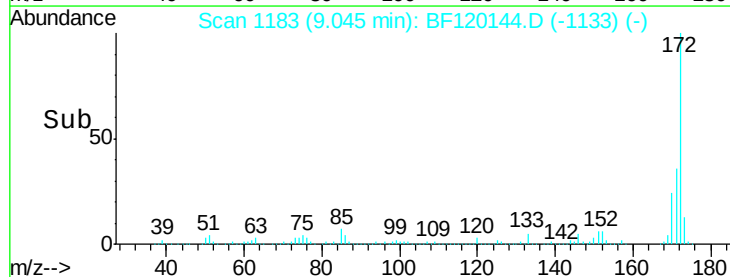
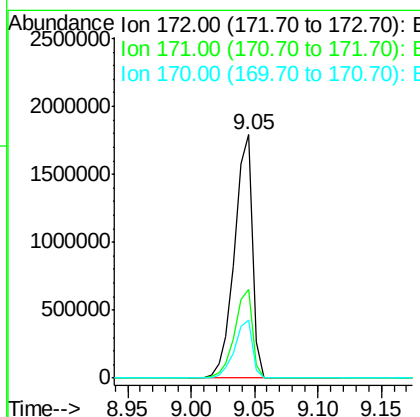
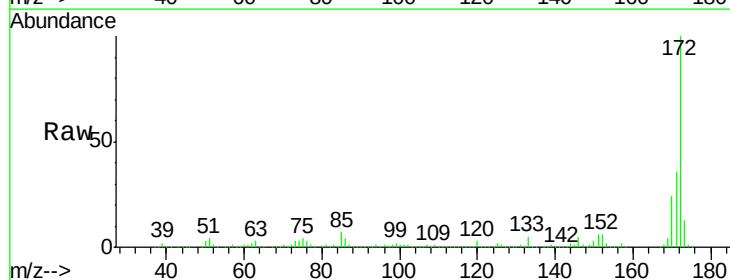
Instrument :
 BNA_F
 ClientSampled :
 TP-20A

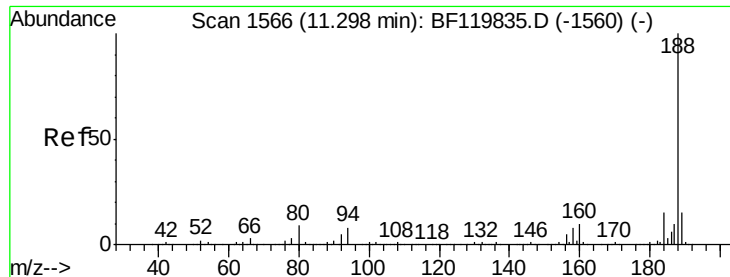
Tgt Ion:330 Resp: 402211
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.7 113.5
 141 33.7 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 92.81 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120144.D
 Acq: 22 Apr 2020 21:09

Tgt Ion:172 Resp: 1731688
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.9 20.2 30.2

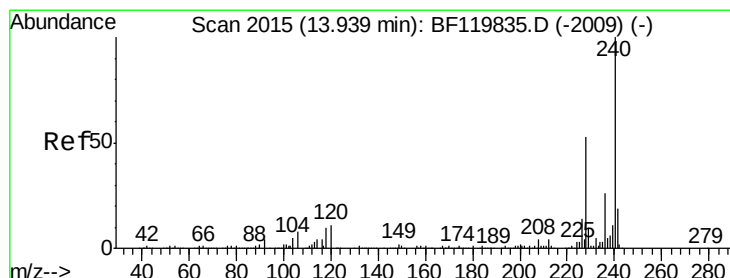
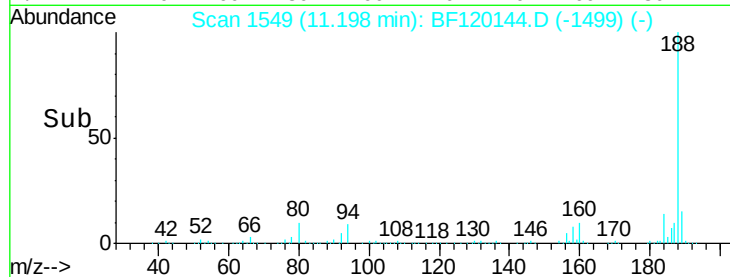
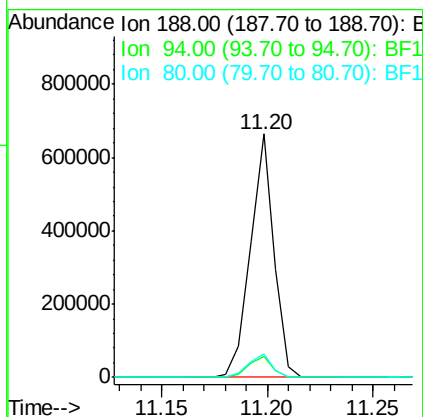
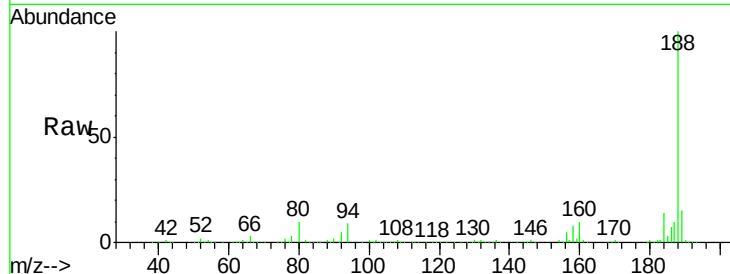




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120144.D
Acq: 22 Apr 2020 21:09

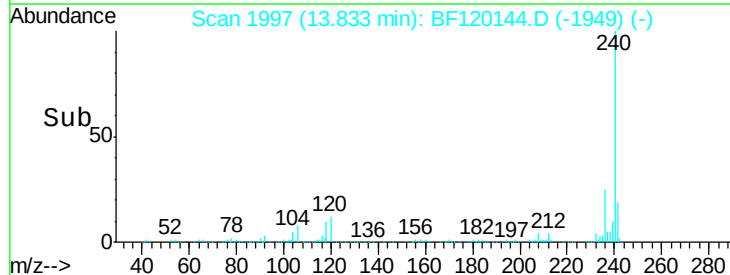
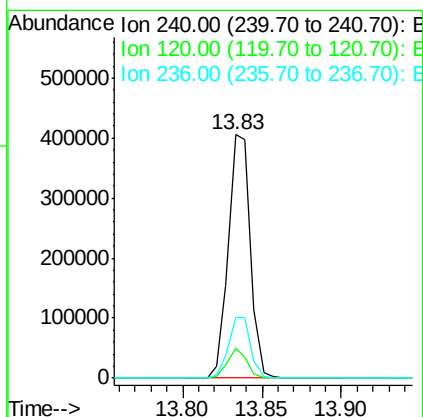
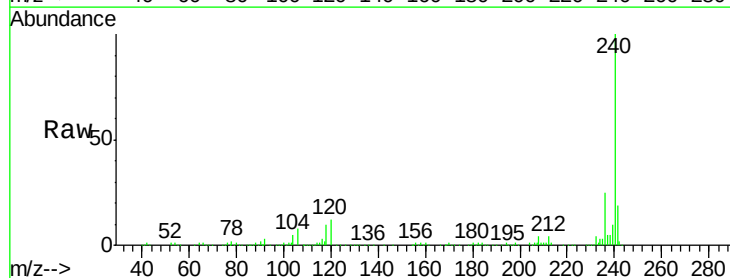
Instrument :
BNA_F
ClientSampleId :
TP-20A

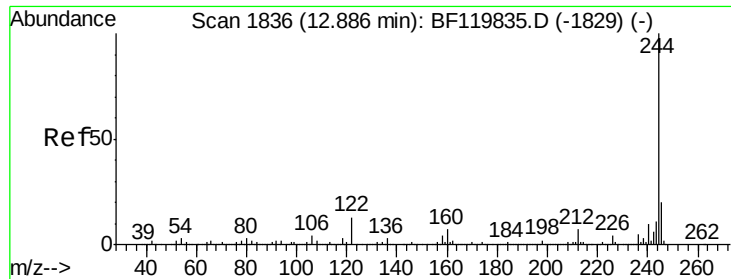
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	9.7	9.0	13.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF120144.D
Acq: 22 Apr 2020 21:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.6	15.8
236	24.9	20.2	30.2

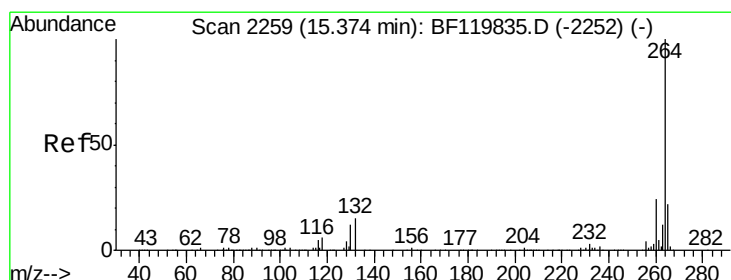
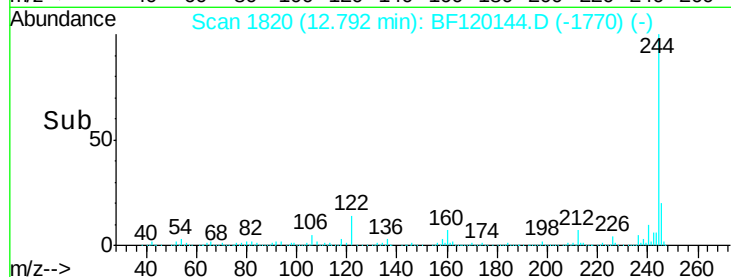
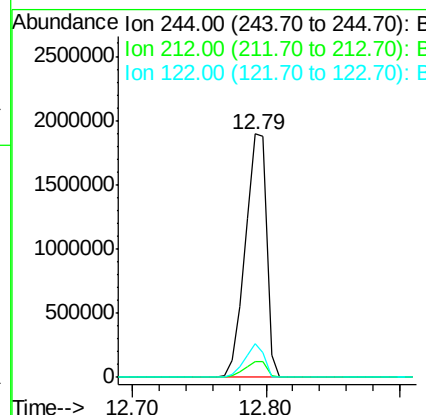
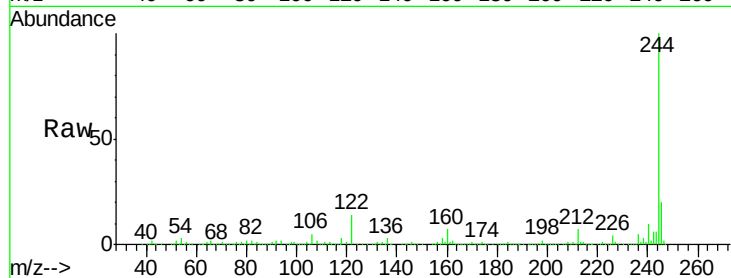




#79
 Terphenyl-d14
 Concen: 89.70 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF120144.D
 Acq: 22 Apr 2020 21:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-20A

Tgt Ion:244 Resp: 2081030
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 13.7 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: BF120144.D
 Acq: 22 Apr 2020 21:09

Tgt Ion:264 Resp: 301643
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.1 17.7 26.5

