

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120131.D
 Acq On : 22 Apr 2020 15:16
 Operator : MA/SJ
 Sample : PB128402BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128402BL

Quant Time: Apr 22 16:03:36 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	128565	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	486103	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	248849	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	502614	20.00	ng	0.00
76) Chrysene-d12	13.84	240	415333	20.00	ng	-0.01
87) Perylene-d12	15.25	264	377077	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	811348	109.06	ng	0.00
7) Phenol-d6	6.32	99	1003967	104.73	ng	-0.01
23) Nitrobenzene-d5	7.25	82	897159	95.48	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	276642	90.80	ng	-0.01
45) 2-Fluorobiphenyl	9.05	172	1716677	97.94	ng	0.00
79) Terphenyl-d14	12.80	244	1969757	79.80	ng	0.00

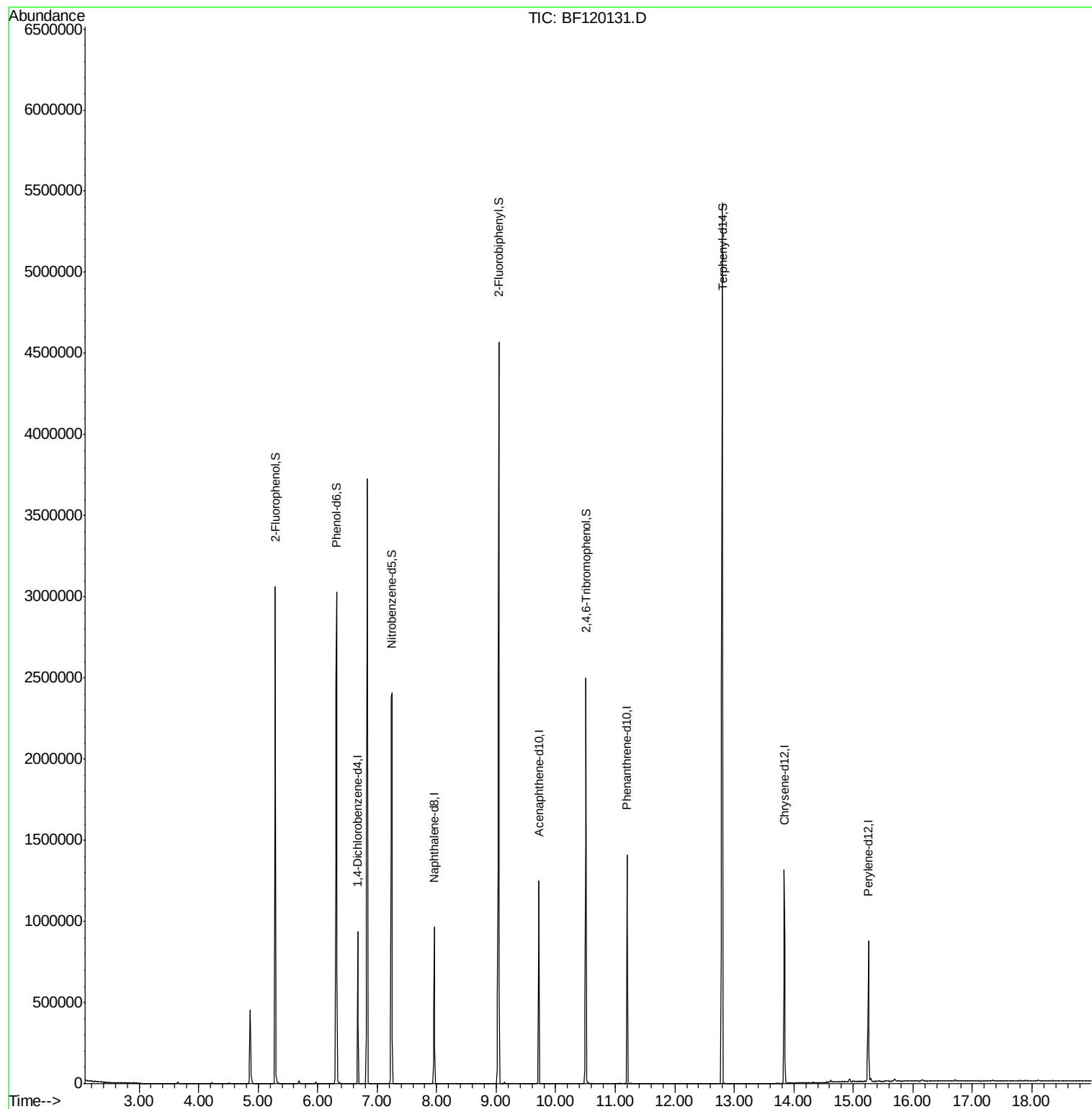
Target Compounds	Qvalue
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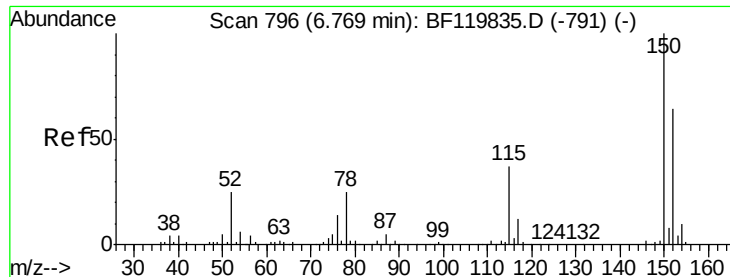
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF120131.D

Acq: 22 Apr 2020 15:16

Instrument :

BNA_F

ClientSampleId :

PB128402BL

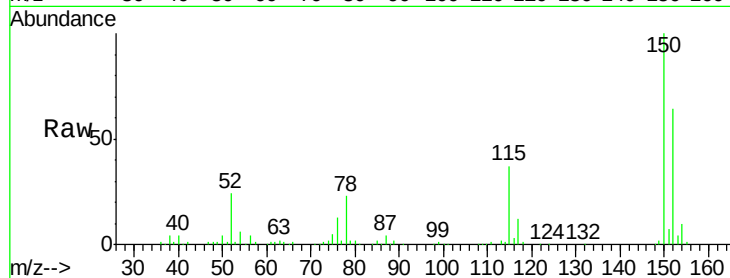
Tgt Ion:152 Resp: 128565

Ion Ratio Lower Upper

152 100

150 156.6 124.5 186.7

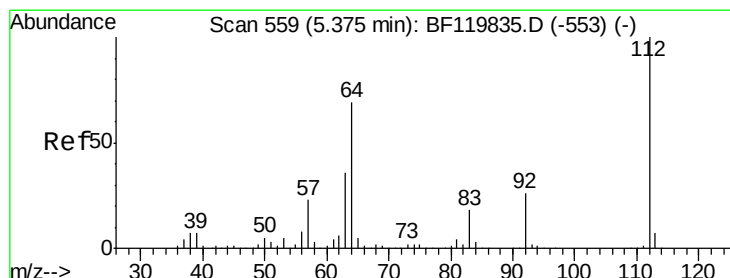
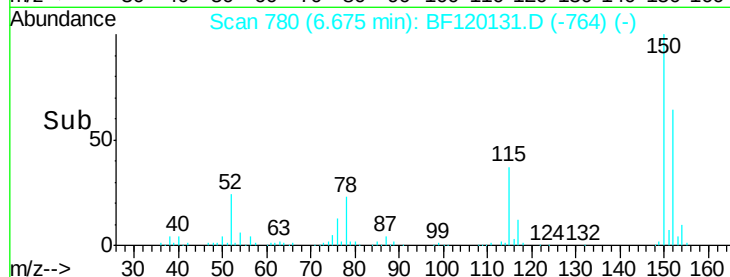
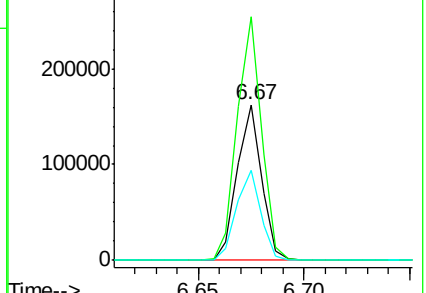
115 57.9 49.6 74.4



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: 109.06 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF120131.D

Acq: 22 Apr 2020 15:16

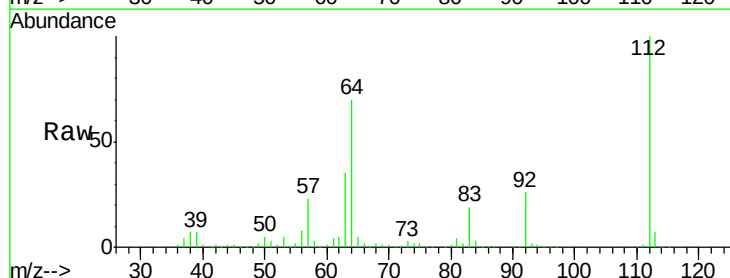
Tgt Ion:112 Resp: 811348

Ion Ratio Lower Upper

112 100

64 69.7 56.7 85.1

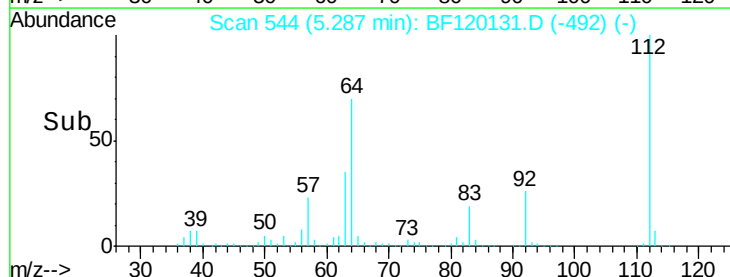
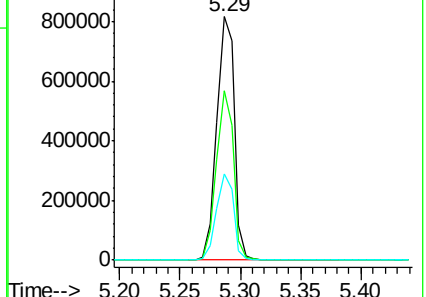
63 35.4 29.5 44.3

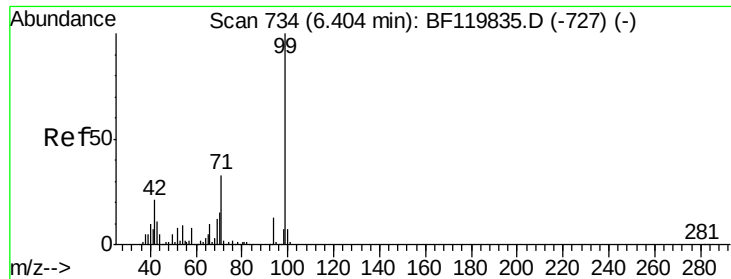


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.73 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120131.D

Acq: 22 Apr 2020 15:16

Instrument :

BNA_F

ClientSampleId :

PB128402BL

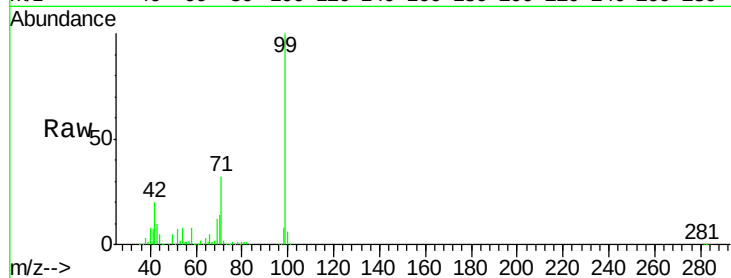
Tgt Ion: 99 Resp: 1003967

Ion Ratio Lower Upper

99 100

42 19.5 16.6 24.8

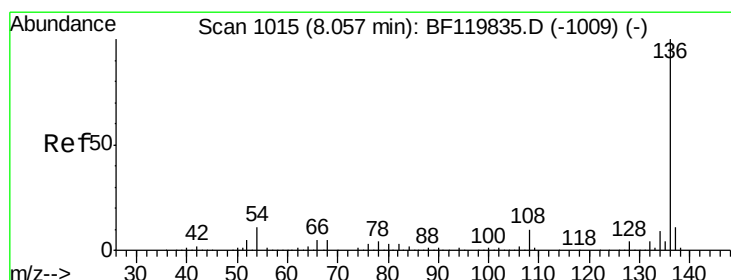
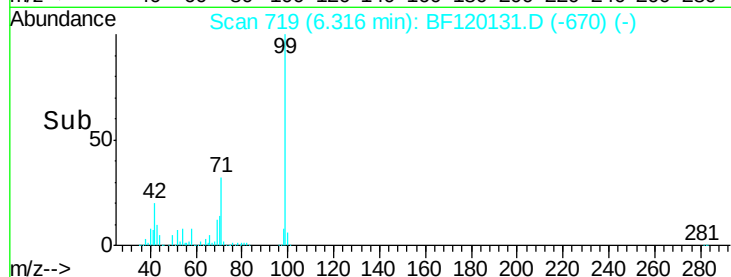
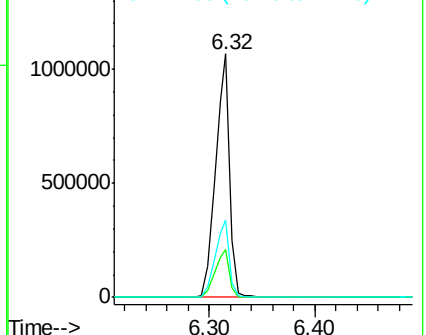
71 31.7 26.4 39.6



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: BF120131.D

Acq: 22 Apr 2020 15:16

Tgt Ion: 136 Resp: 486103

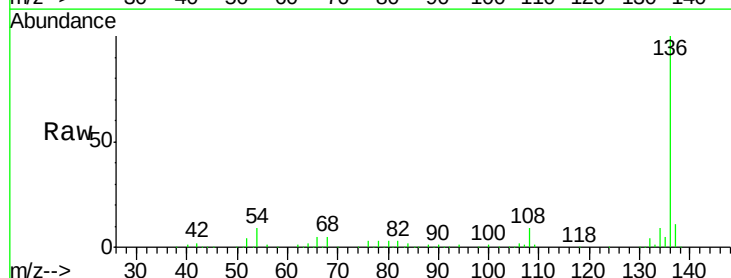
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.1 9.1 13.7#

68 4.8 4.6 6.8

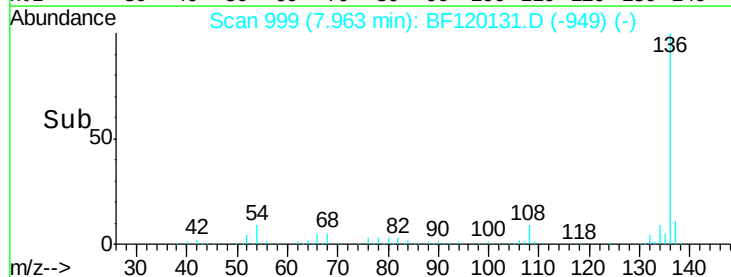
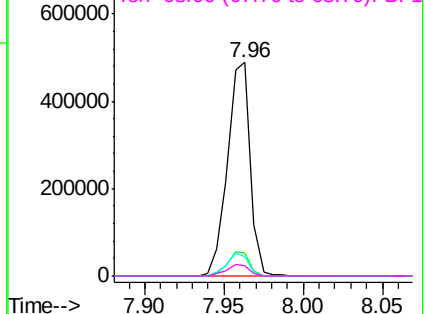


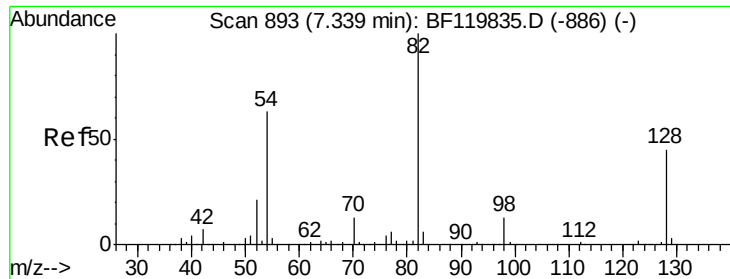
Abundance Ion 136.00 (135.70 to 136.70): E

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

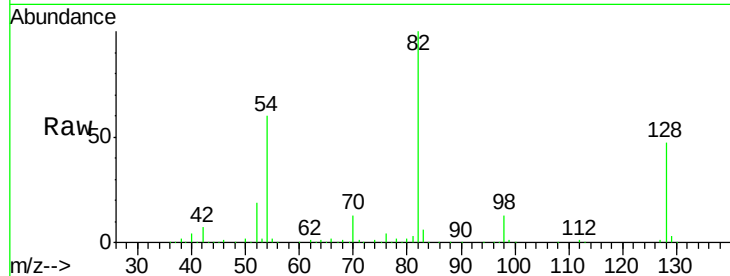




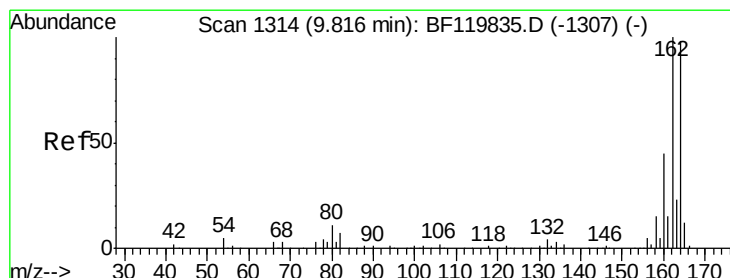
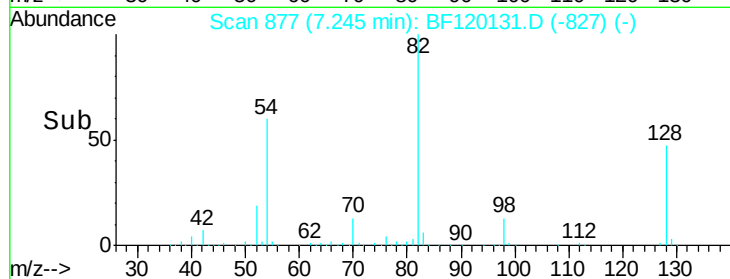
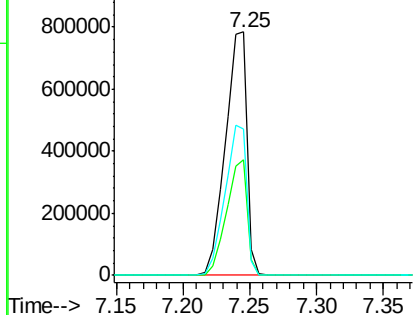
#23
 Nitrobenzene-d5
 Concen: 95.48 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF120131.D
 Acq: 22 Apr 2020 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB128402BL

Tgt Ion: 82 Resp: 897159
 Ion Ratio Lower Upper
 82 100
 128 47.3 36.3 54.5
 54 60.2 50.6 75.8

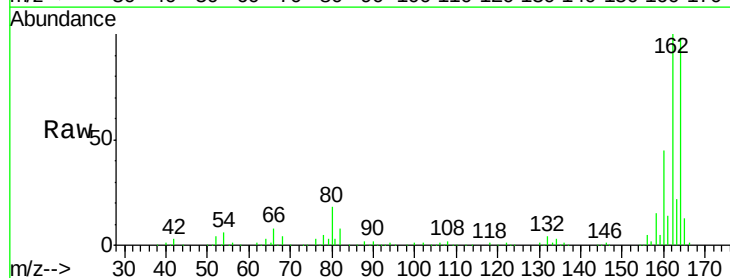


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

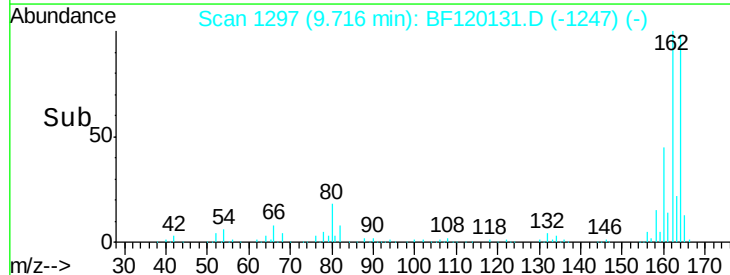
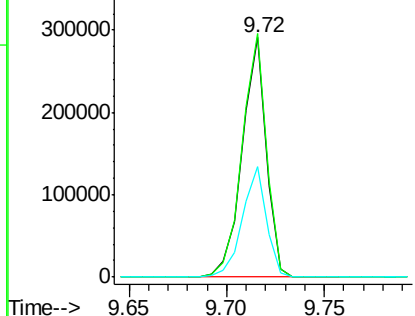


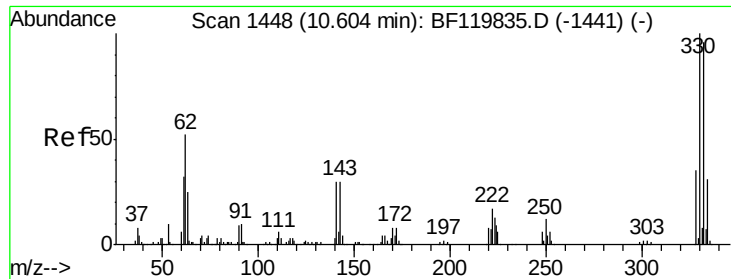
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF120131.D
 Acq: 22 Apr 2020 15:16

Tgt Ion: 164 Resp: 248849
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.6 121.0
 160 46.1 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

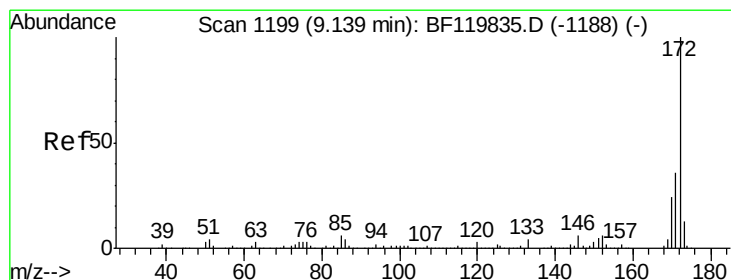
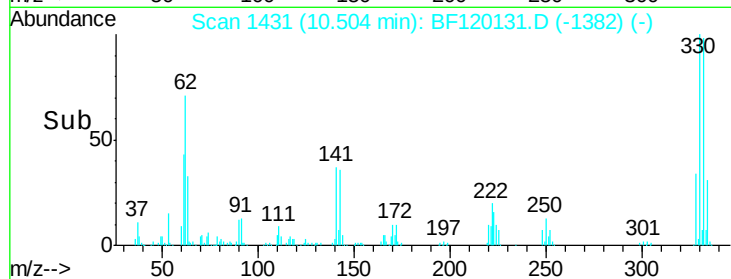
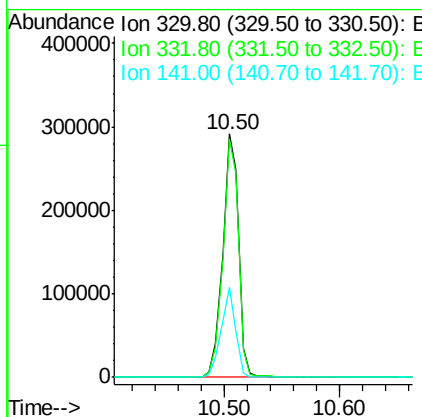
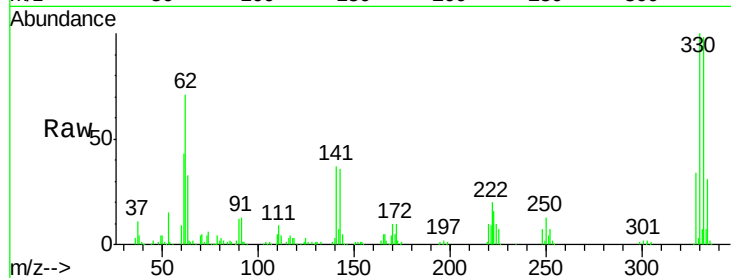




#42
 2,4,6-Tribromophenol
 Concen: 90.80 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF120131.D
 Acq: 22 Apr 2020 15:16

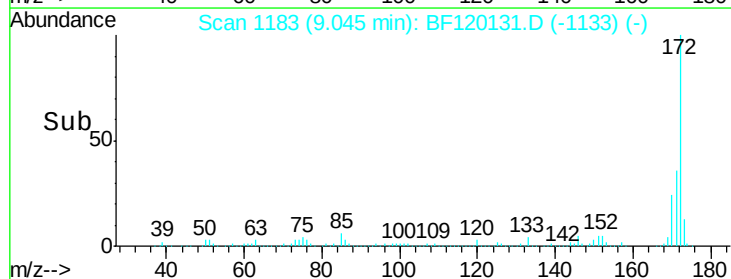
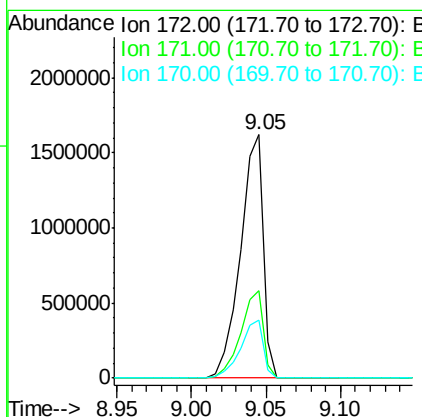
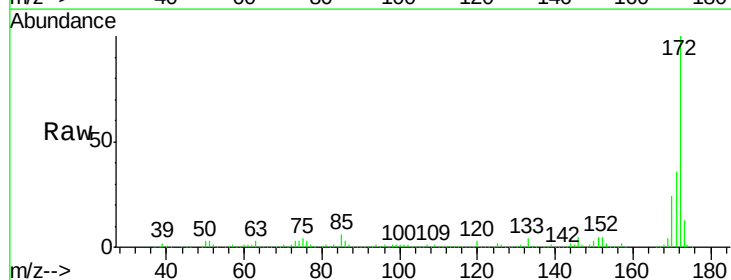
Instrument :
 BNA_F
 ClientSampleId :
 PB128402BL

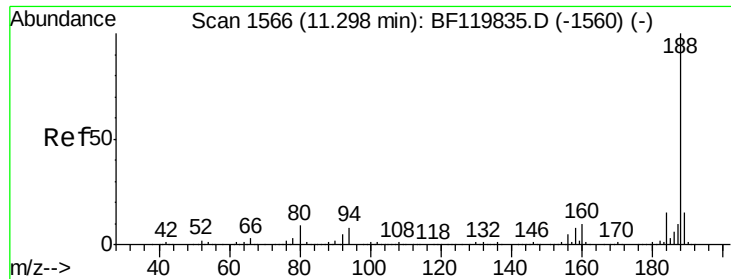
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.7	113.5
141	34.1	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 97.94 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120131.D
 Acq: 22 Apr 2020 15:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.8	20.2	30.2

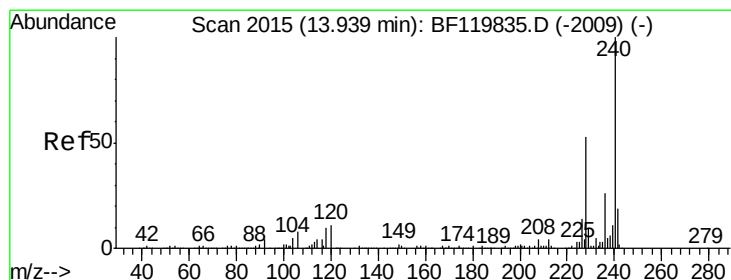
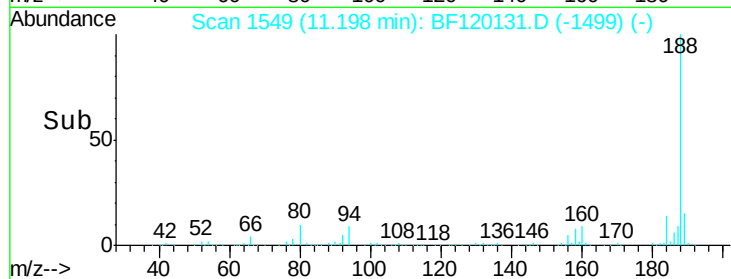
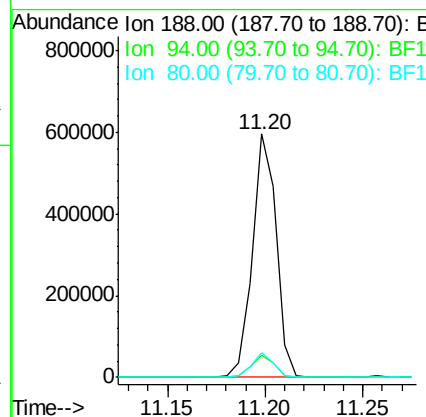
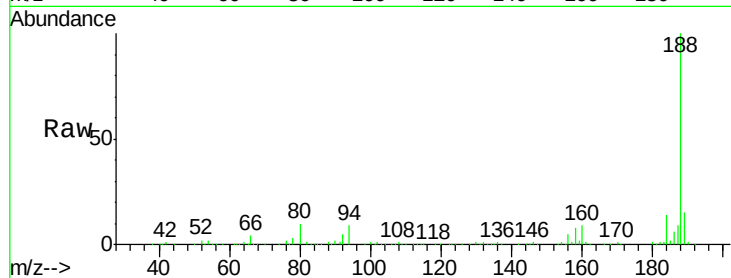




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120131.D
Acq: 22 Apr 2020 15:16

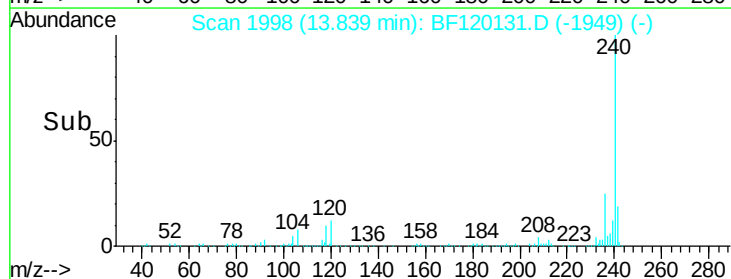
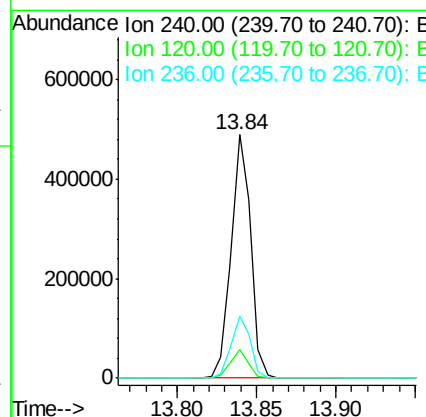
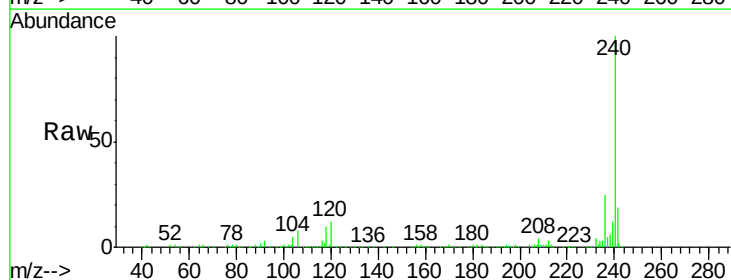
Instrument :
BNA_F
ClientSampleId :
PB128402BL

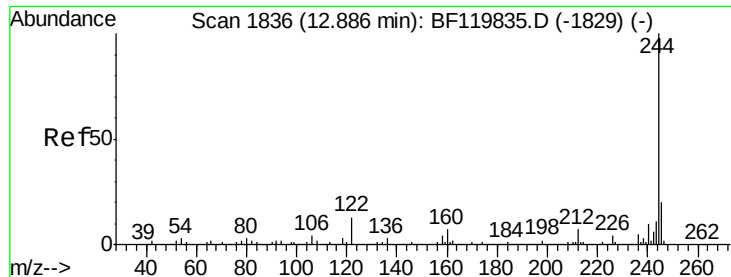
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	502614		
94	9.3		7.5	11.3
80	10.3		9.0	13.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120131.D
Acq: 22 Apr 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	415333		
120	11.6		10.6	15.8
236	25.2		20.2	30.2





#79

Terphenyl-d14

Concen: 79.80 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF120131.D

Acq: 22 Apr 2020 15:16

Instrument :

BNA_F

ClientSampleId :

PB128402BL

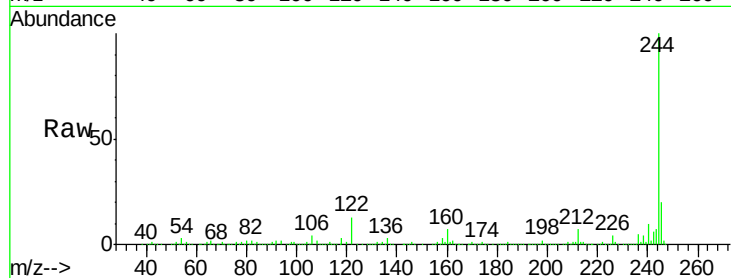
Tgt Ion:244 Resp: 1969757

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

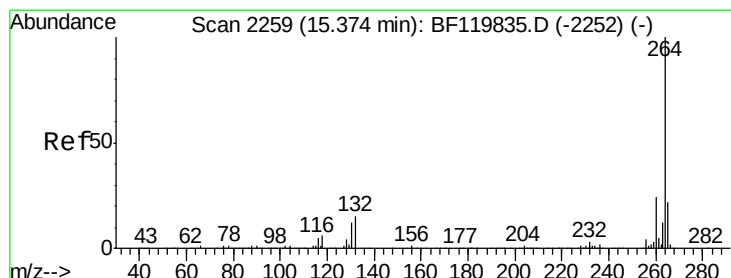
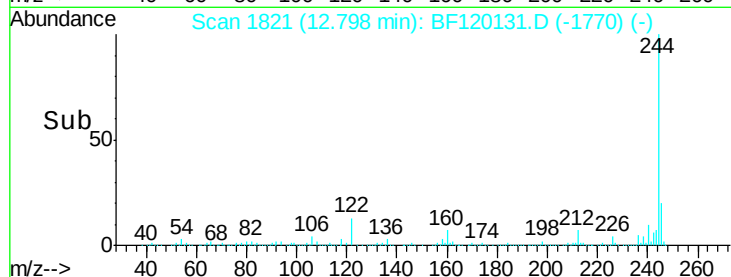
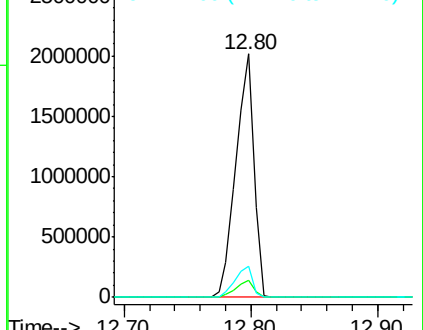
122 12.9 10.3 15.5



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: 15.25 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF120131.D

Acq: 22 Apr 2020 15:16

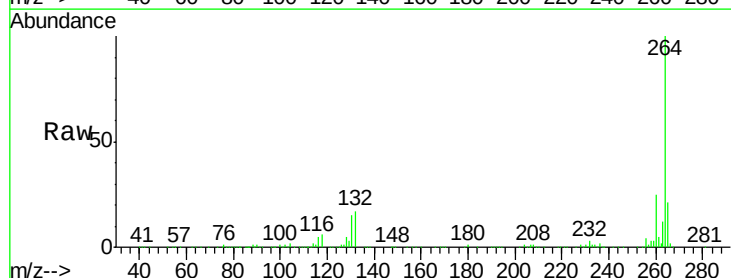
Tgt Ion:264 Resp: 377077

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

265 21.1 17.7 26.5



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

