

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120223.D
 Acq On : 27 Apr 2020 17:11
 Operator : MA/SJ
 Sample : L2409-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200055

Quant Time: Apr 28 01:23:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

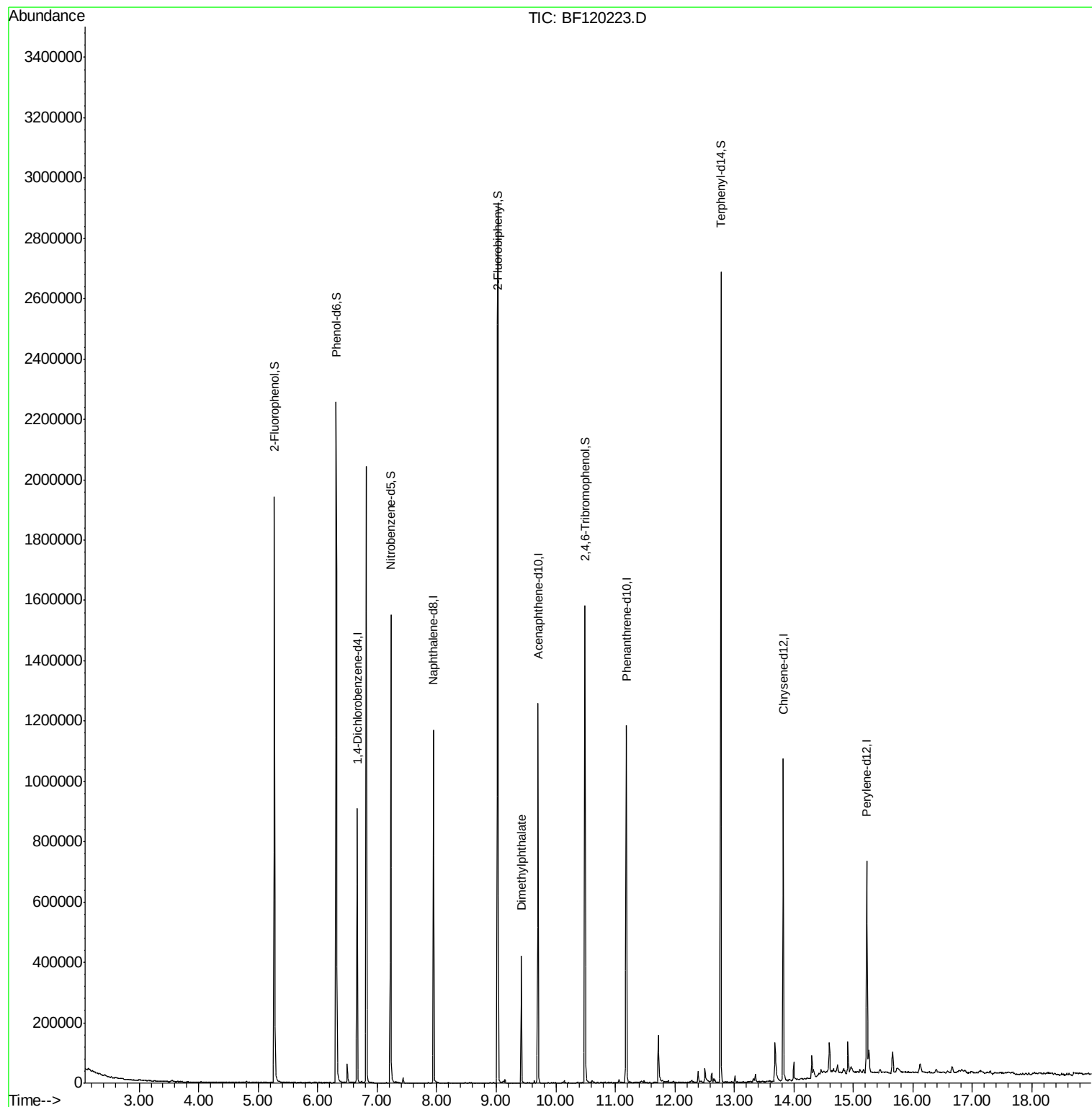
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	127232	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	481556	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	244205	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	464062	20.00	ng	0.00
76) Chrysene-d12	13.82	240	324940	20.00	ng	-0.02
87) Perylene-d12	15.23	264	289417	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	517825	70.34	ng	-0.01
7) Phenol-d6	6.31	99	741927	78.21	ng	-0.02
23) Nitrobenzene-d5	7.23	82	448245	48.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.49	330	195518	65.39	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	905856	52.67	ng	0.00
79) Terphenyl-d14	12.77	244	957540	49.58	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.42	163	155431	8.229	ng	Qvalue 98

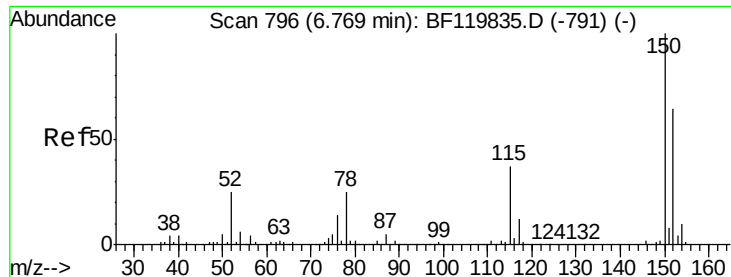
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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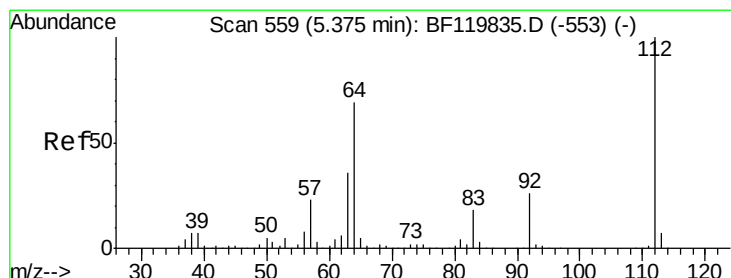
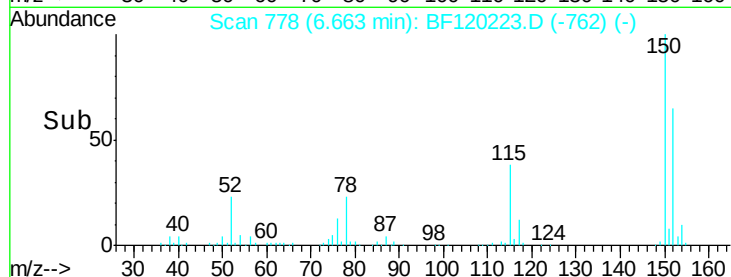
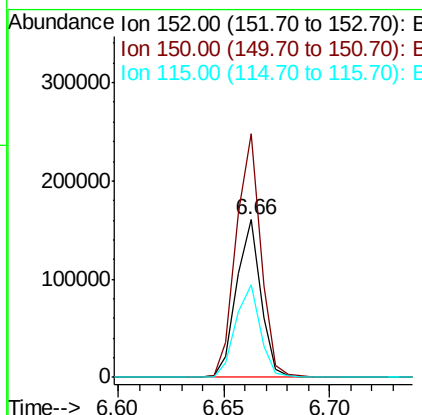
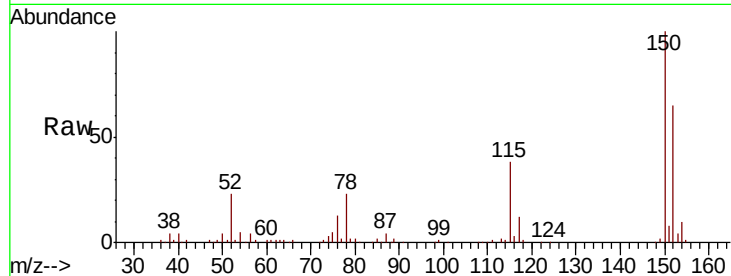


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120223.D
Acq: 27 Apr 2020 17:11

Instrument :
BNA_F
ClientSampleId :
RBR-200055

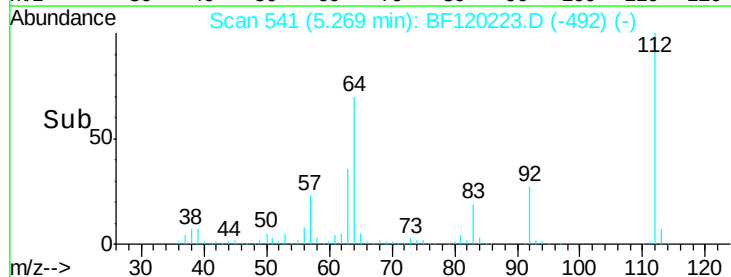
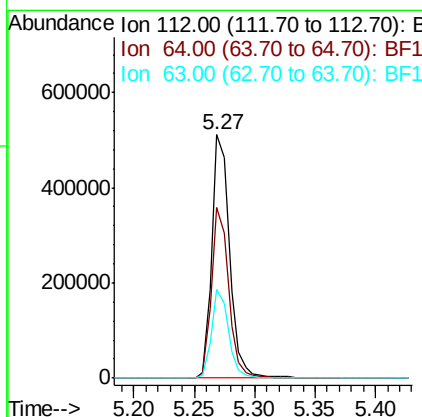
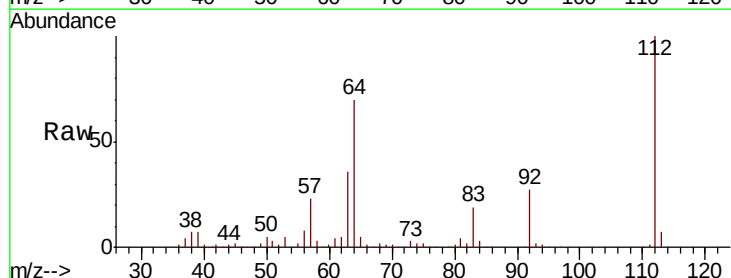
Tot Ion:152 Resp: 127232
Ion Ratio Lower Upper
152 100
150 154.7 124.5 186.7
115 58.7 49.6 74.4

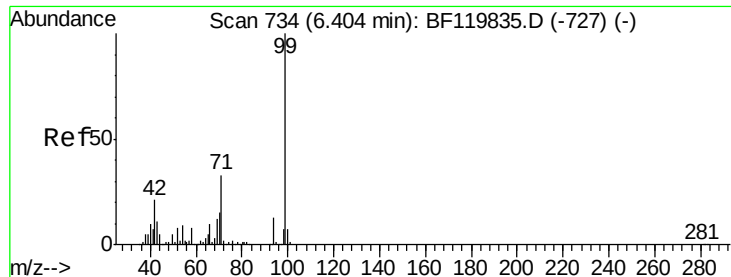


#5

2-Fluorophenol
Concen: 70.336 ng
RT: 5.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF120223.D
Acq: 27 Apr 2020 17:11

Tgt Ion:112 Resp: 517825
Ion Ratio Lower Upper
112 100
64 70.0 56.7 85.1
63 36.3 29.5 44.3





#7

Phenol-d6

Concen: 78.208 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF120223.D

Acq: 27 Apr 2020 17:11

Instrument :

BNA_F

ClientSampleId :

RBR-200055

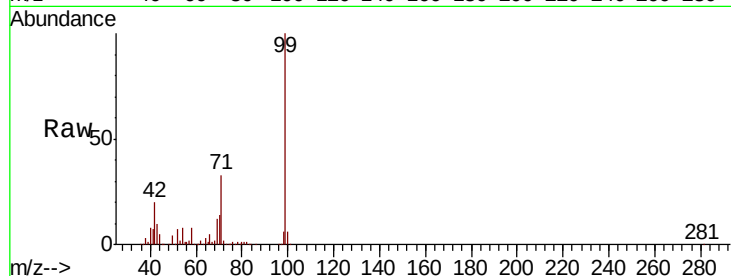
Tot Ion: 99 Resp: 741927

Ion Ratio Lower Upper

99 100

42 19.9 16.6 24.8

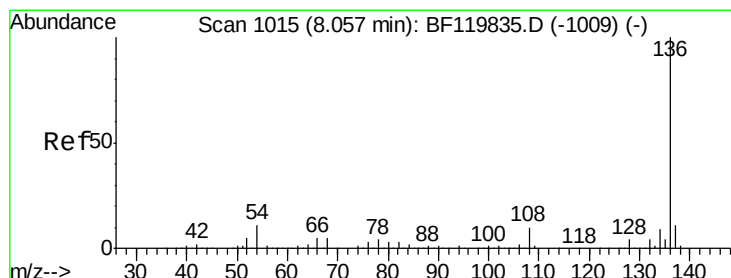
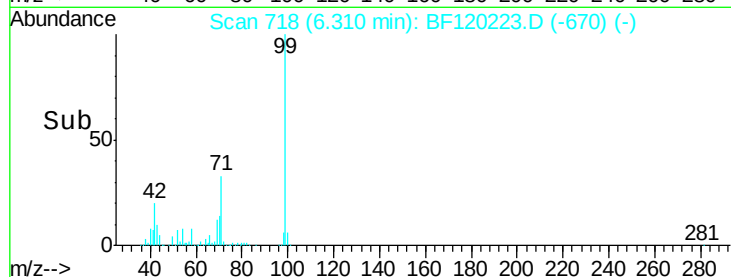
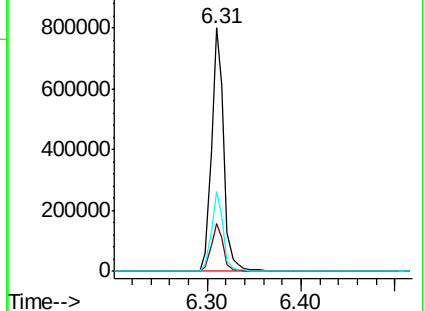
71 32.5 26.4 39.6



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: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF120223.D

Acq: 27 Apr 2020 17:11

Tgt Ion: 136 Resp: 481556

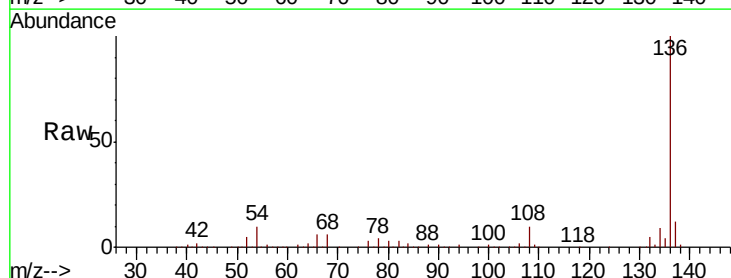
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 10.3 9.1 13.7

68 5.6 4.6 6.8

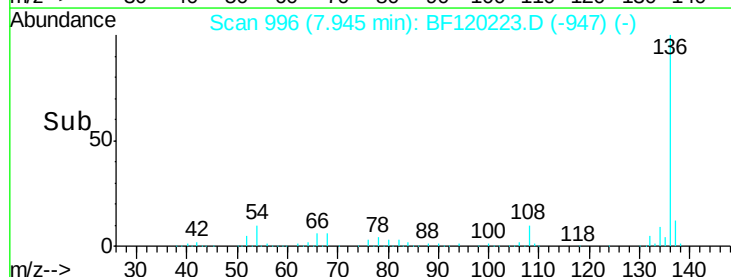
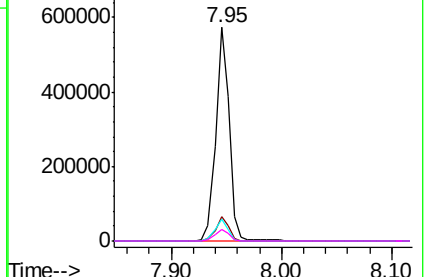


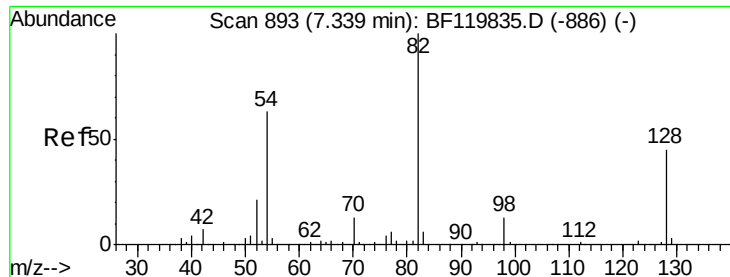
Abundance Ion 136.00 (135.70 to 136.70): E

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

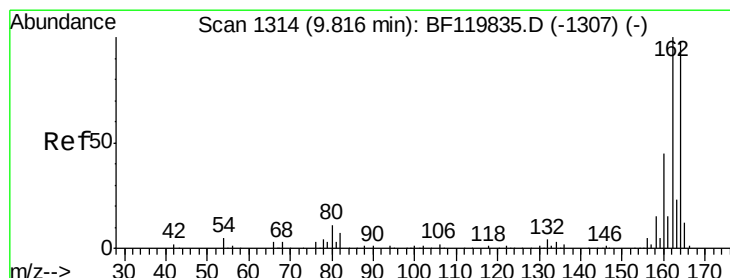
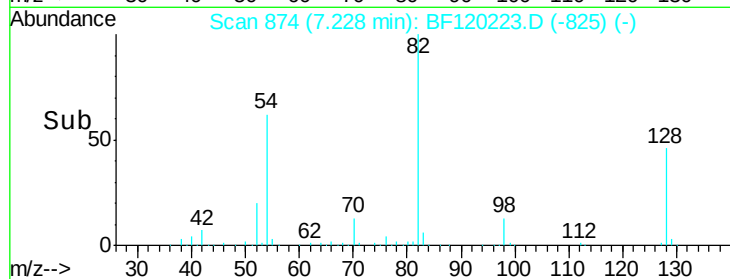
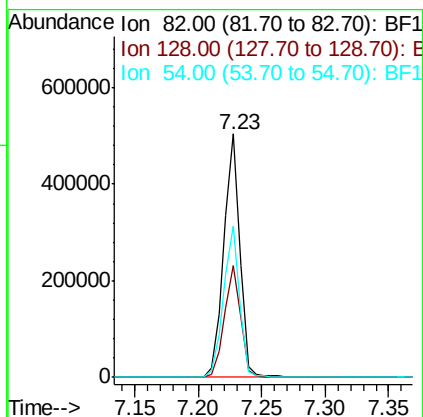
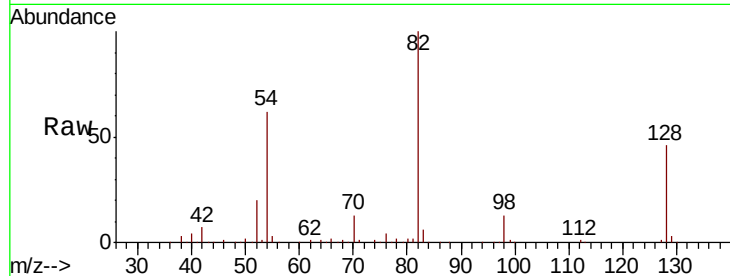




#23
 Nitrobenzene-d5
 Concen: 48.155 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF120223.D
 Acq: 27 Apr 2020 17:11

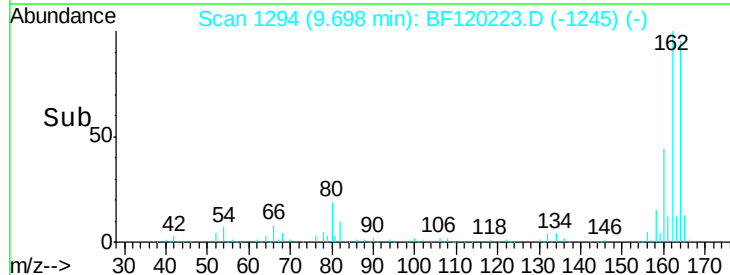
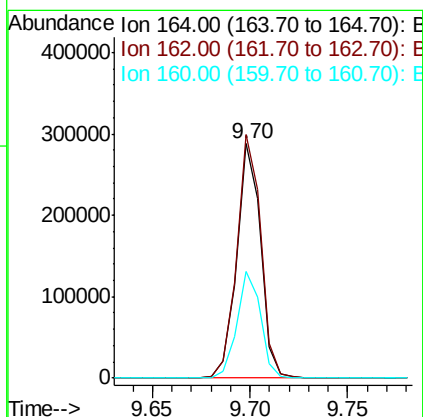
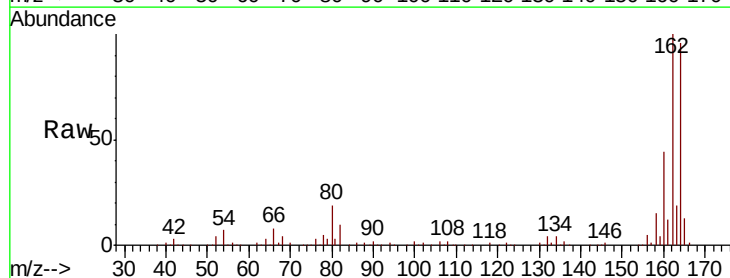
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200055

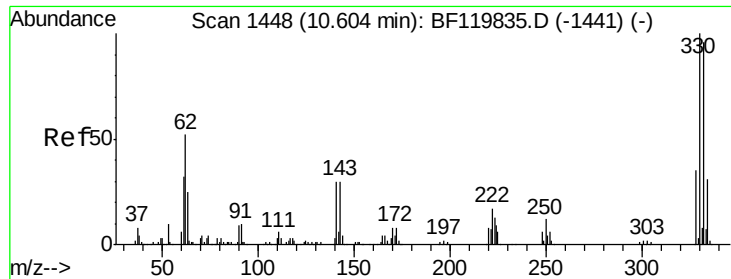
Tot Ion: 82 Resp: 448245
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.3 54.5
 54 62.1 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF120223.D
 Acq: 27 Apr 2020 17:11

Tgt Ion: 164 Resp: 244205
 Ion Ratio Lower Upper
 164 100
 162 104.0 80.6 121.0
 160 45.3 35.7 53.5

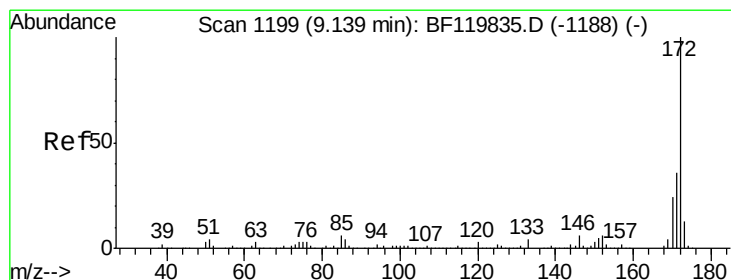
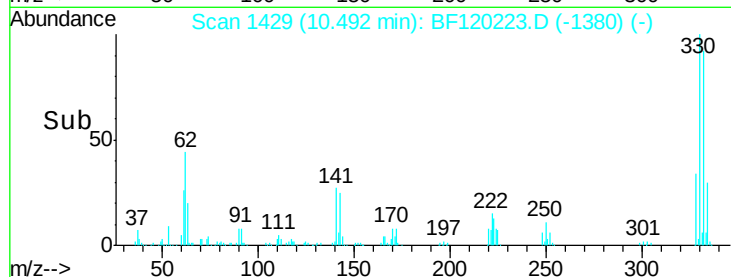
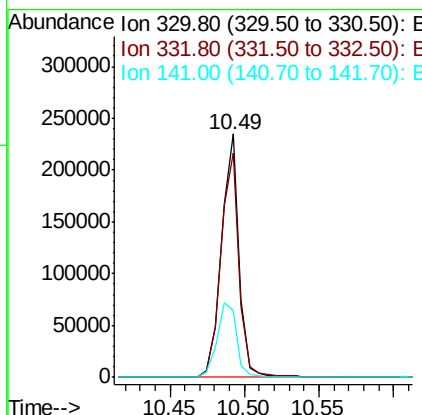
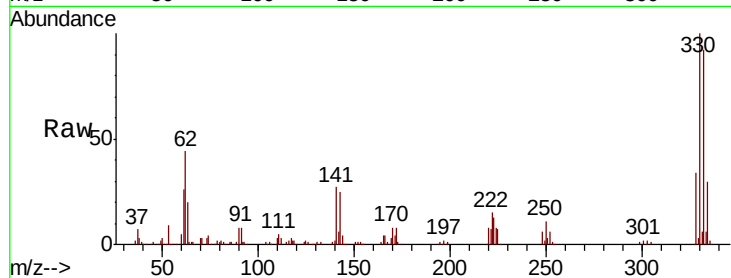




#42
 2,4,6-Tribromophenol
 Concen: 65.393 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF120223.D
 Acq: 27 Apr 2020 17:11

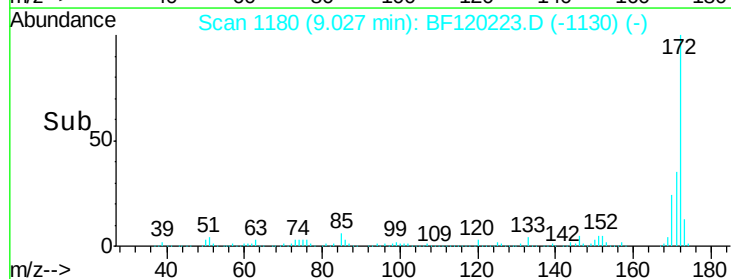
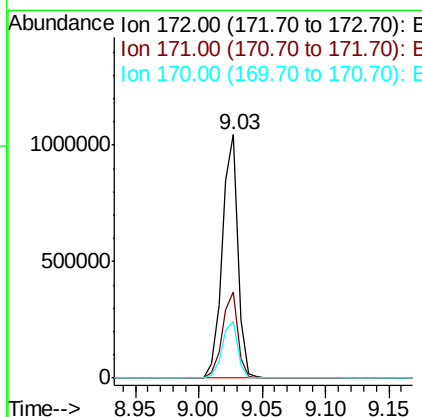
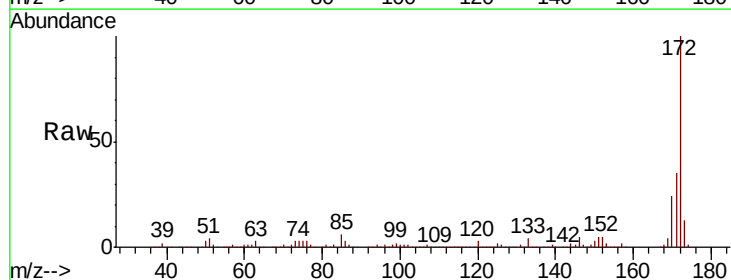
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200055

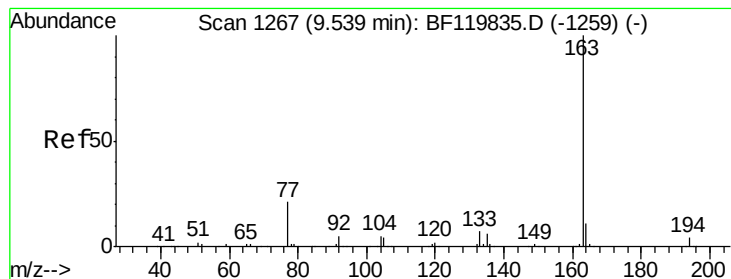
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.7	113.5
141	34.1	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 52.666 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120223.D
 Acq: 27 Apr 2020 17:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.5	20.2	30.2





#50

Dimethylphthalate

Concen: 8.229 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BF120223.D

Acq: 27 Apr 2020 17:11

Instrument :

BNA_F

ClientSampleId :

RBR-200055

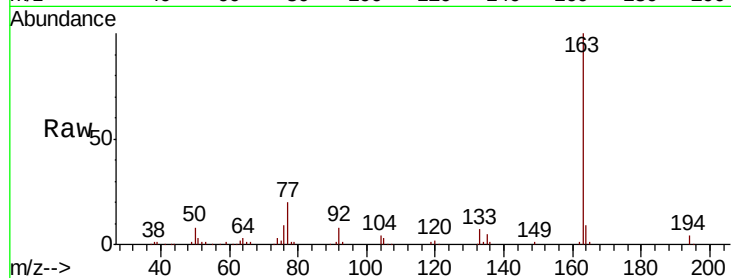
Tot Ion:163 Resp: 155431

Ion Ratio Lower Upper

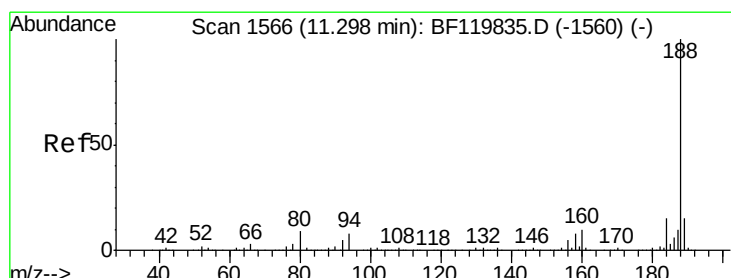
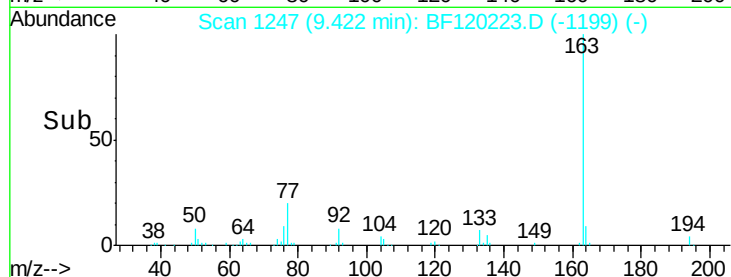
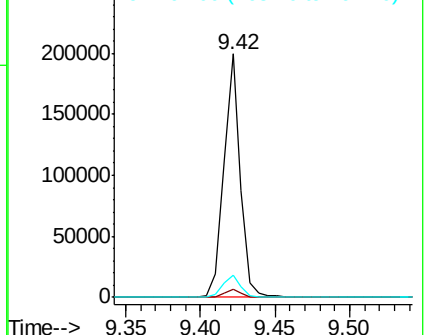
163 100

194 3.5 3.1 4.7

164 9.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF120223.D

Acq: 27 Apr 2020 17:11

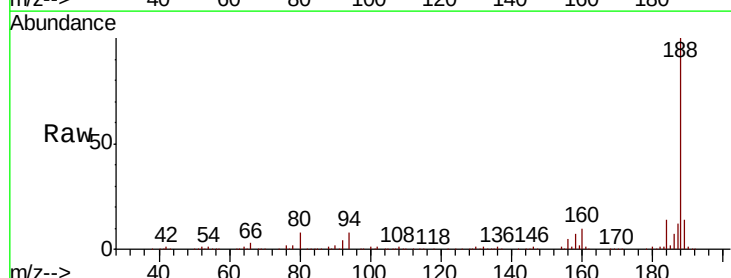
Tgt Ion:188 Resp: 464062

Ion Ratio Lower Upper

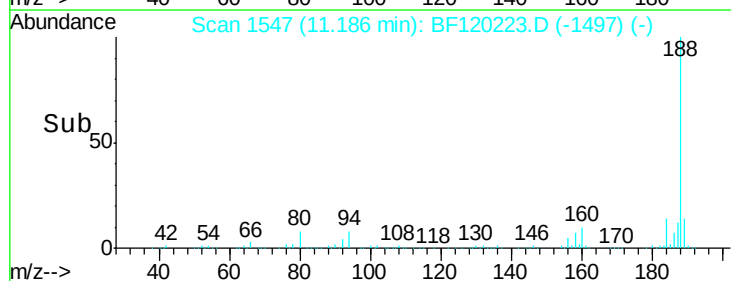
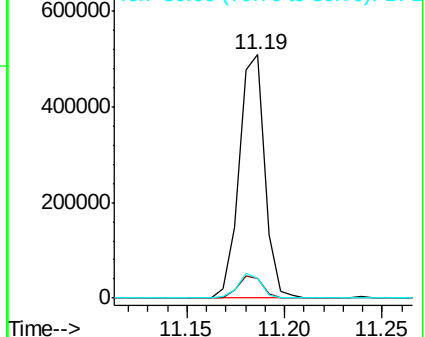
188 100

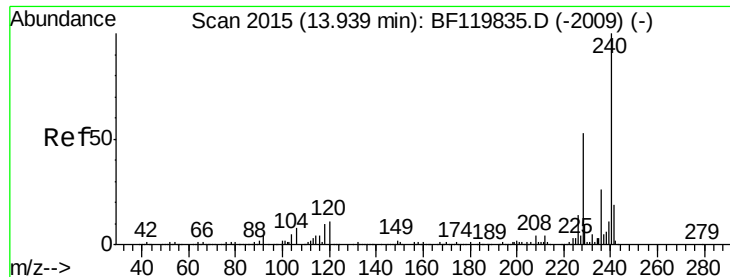
94 8.2 7.5 11.3

80 8.1 9.0 13.4#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

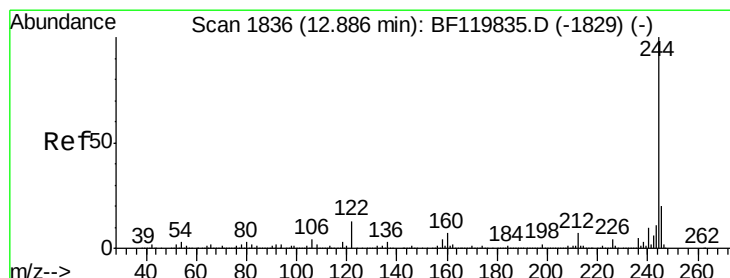
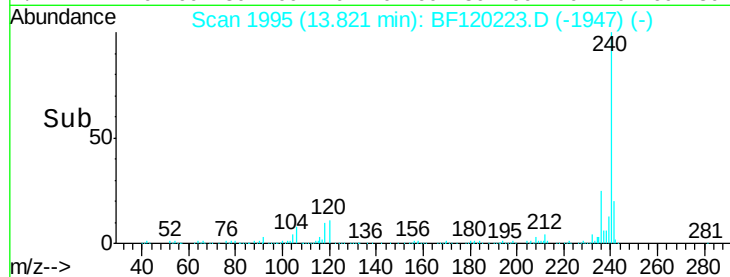
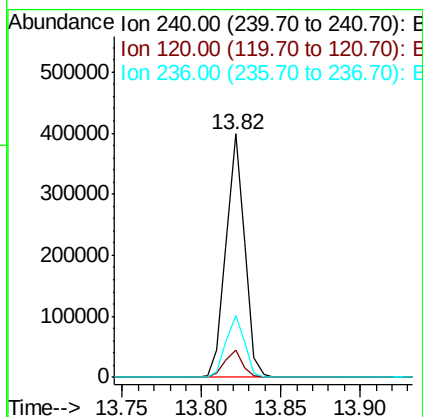
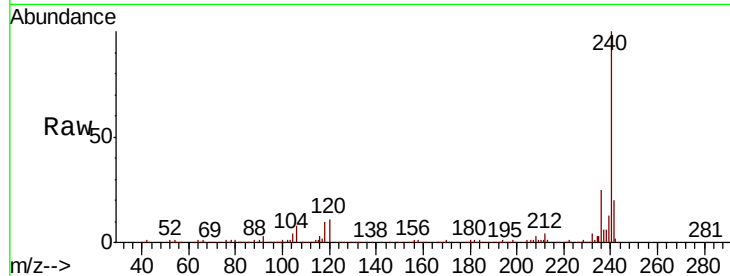




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF120223.D
 Acq: 27 Apr 2020 17:11

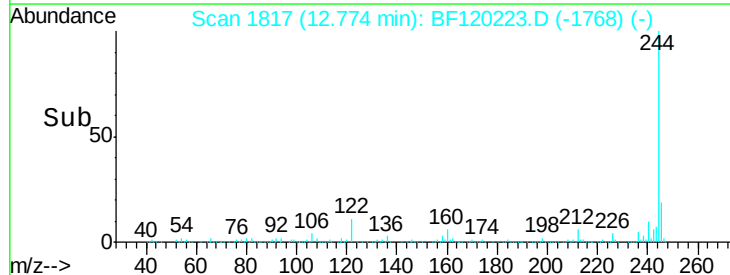
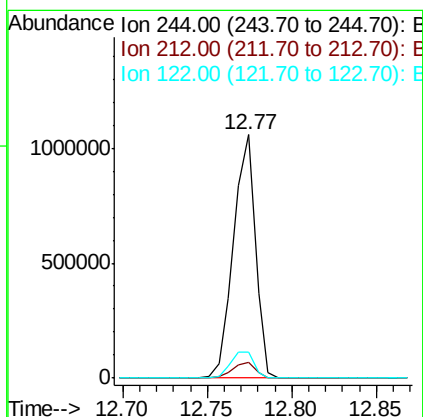
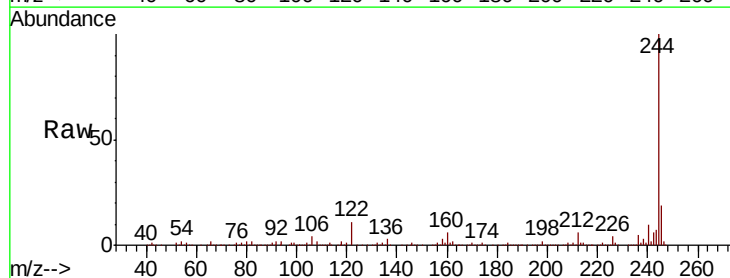
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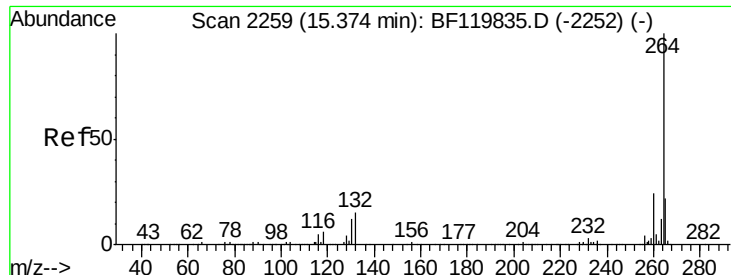
Tot Ion:240 Resp: 324940
 Ion Ratio Lower Upper
 240 100
 120 11.1 10.6 15.8
 236 25.3 20.2 30.2



#79
 Terphenyl-d14
 Concen: 49.585 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF120223.D
 Acq: 27 Apr 2020 17:11

Tgt Ion:244 Resp: 957540
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.8
 122 10.7 10.3 15.5

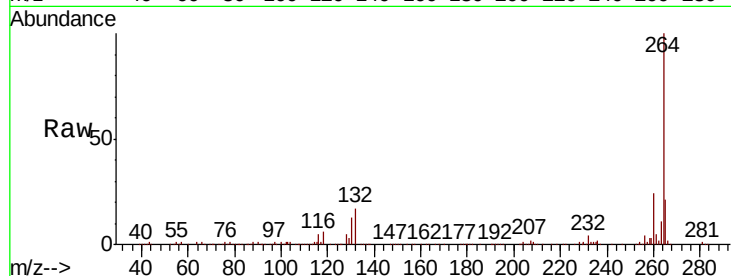




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF120223.D
Acq: 27 Apr 2020 17:11

Instrument :
BNA_F
ClientSampleId :
RBR-200055

Tot Ion:	264	Resp:	289417
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.2	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

