

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120153.D
 Acq On : 23 Apr 2020 5:12
 Operator : MA/SJ
 Sample : L2286-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 55-ST-27

Quant Time: Apr 23 06:47:43 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

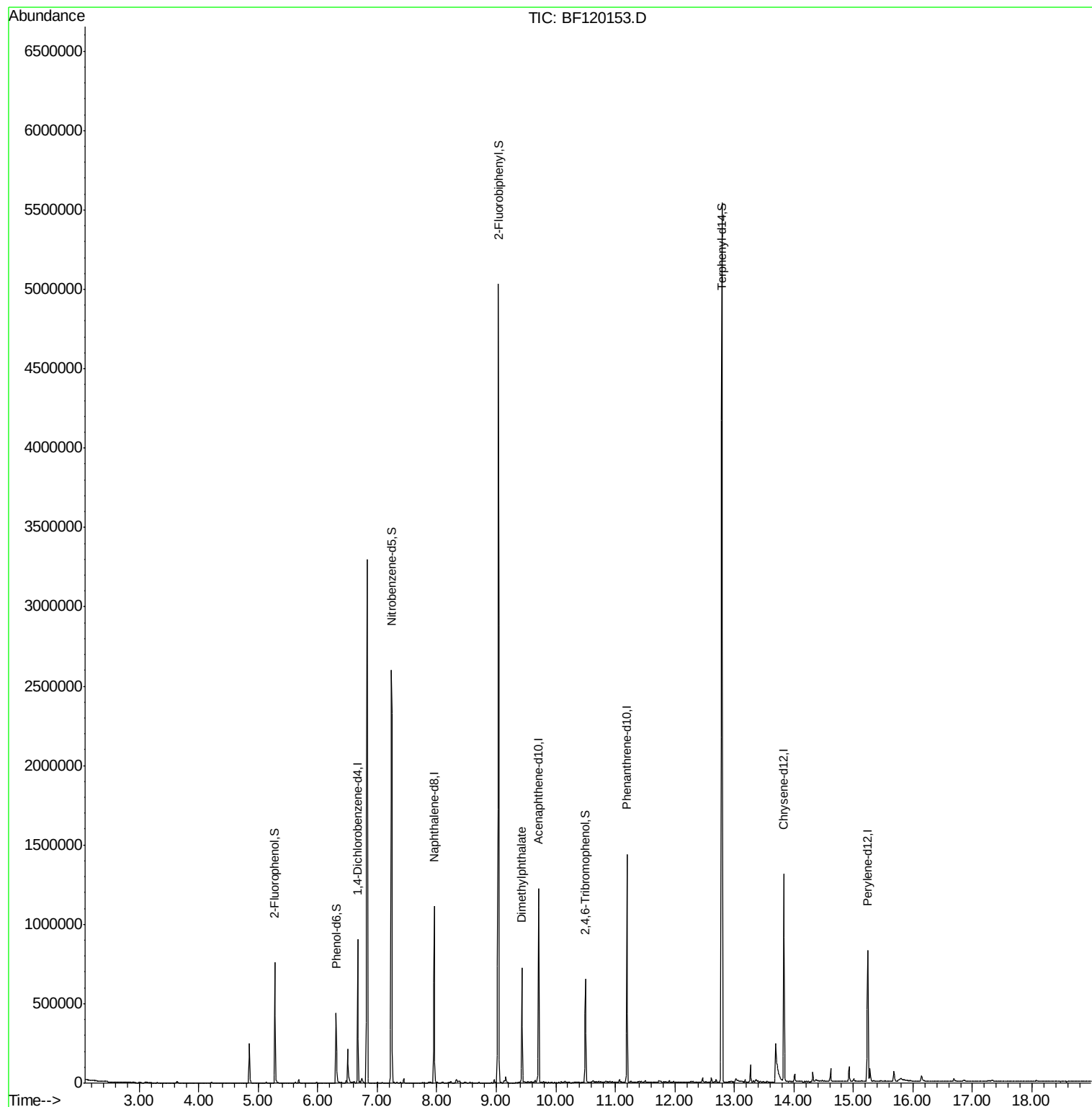
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	131136	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	505431	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	265306	20.00	ng	-0.01
64) Phenanthrene-d10	11.20	188	508773	20.00	ng	0.00
76) Chrysene-d12	13.83	240	430014	20.00	ng	-0.02
87) Perylene-d12	15.24	264	367405	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	181662	23.94	ng	0.00
7) Phenol-d6	6.31	99	143228	14.65	ng	-0.02
23) Nitrobenzene-d5	7.24	82	958382	98.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	69525	21.40	ng	-0.02
45) 2-Fluorobiphenyl	9.04	172	1706283	91.31	ng	-0.01
79) Terphenyl-d14	12.79	244	2096234	82.03	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.43	163	261029	12.72	ng	Qvalue 98

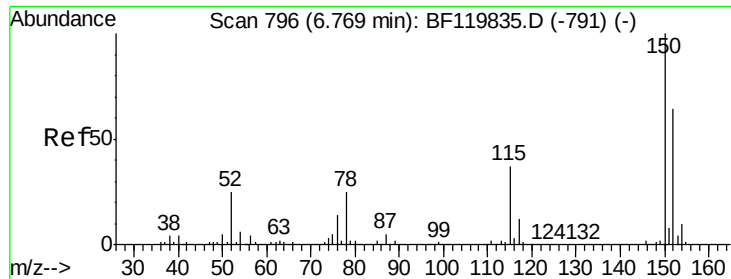
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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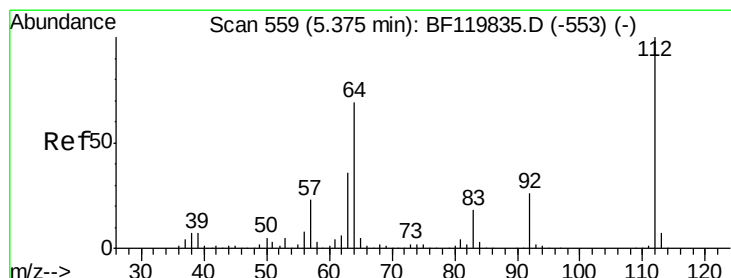
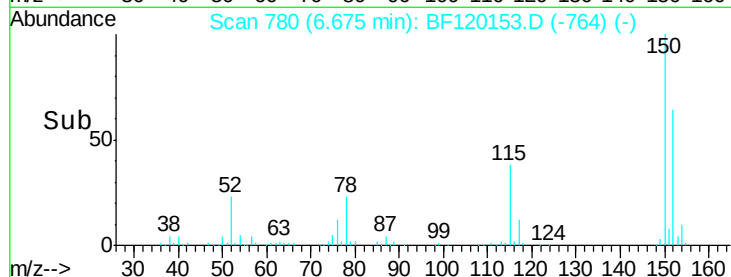
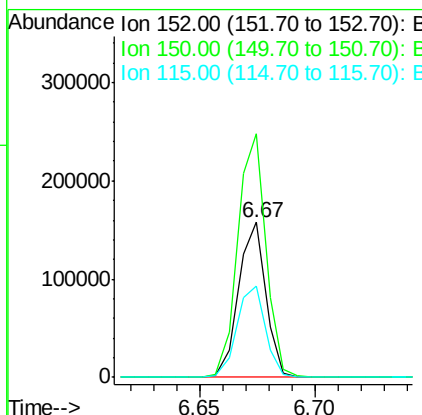
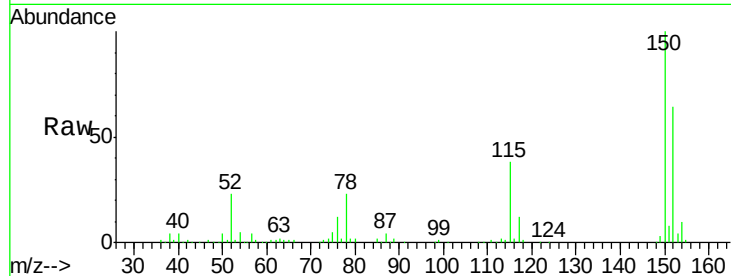


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120153.D
Acq: 23 Apr 2020 5:12

Instrument :
BNA_F
ClientSampleId :
55-ST-27

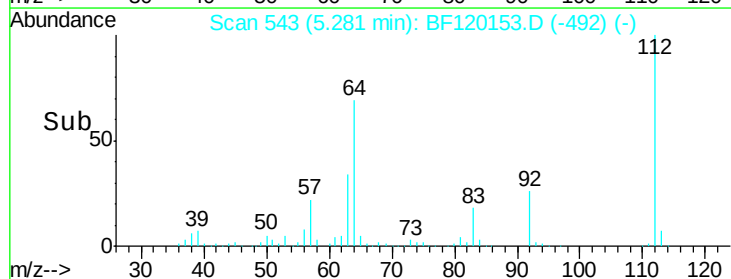
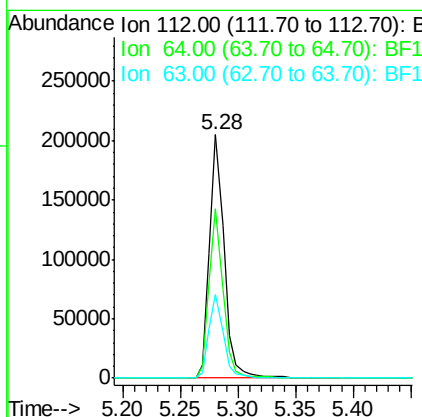
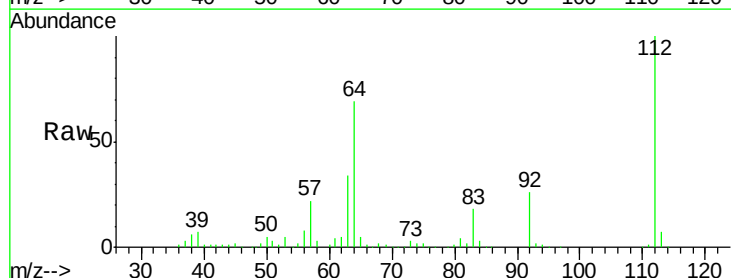
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.5	186.7
115	58.8	49.6	74.4

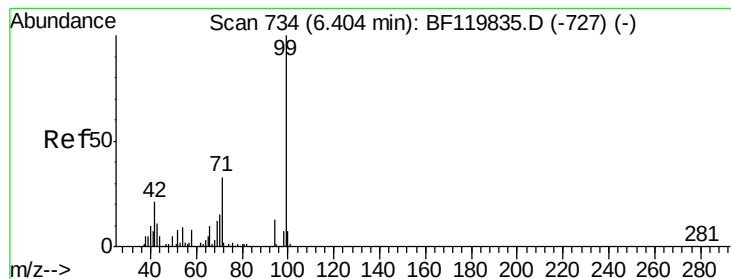


#5

2-Fluorophenol
Concen: 23.94 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF120153.D
Acq: 23 Apr 2020 5:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	56.7	85.1
63	34.3	29.5	44.3





#7

Phenol-d6

Concen: 14.65 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF120153.D

Acq: 23 Apr 2020 5:12

Instrument :

BNA_F

ClientSampleId :

55-ST-27

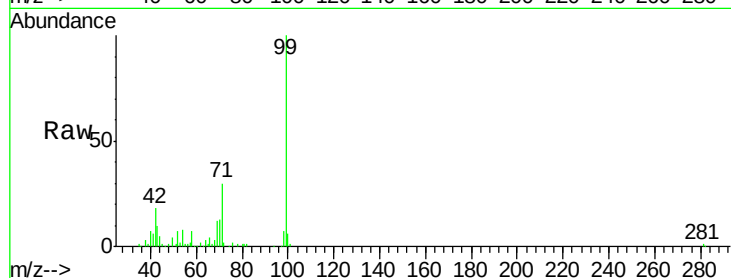
Tgt Ion: 99 Resp: 143228

Ion Ratio Lower Upper

99 100

42 18.4 16.6 24.8

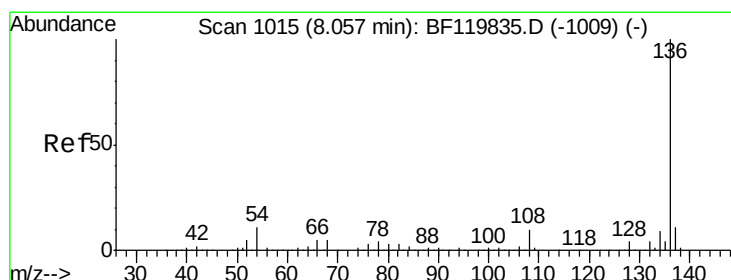
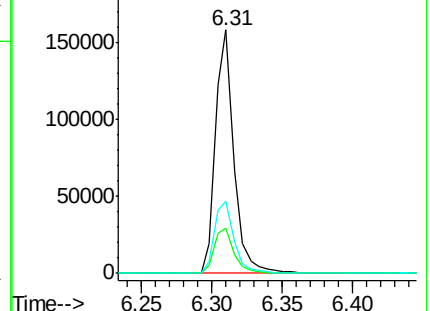
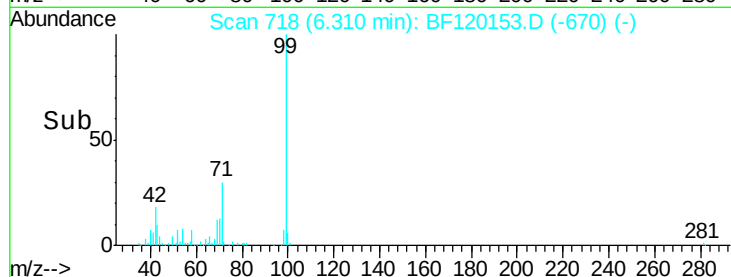
71 29.6 26.4 39.6



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# 998

Delta R.T. -0.01 min

Lab File: BF120153.D

Acq: 23 Apr 2020 5:12

Tgt Ion: 136 Resp: 505431

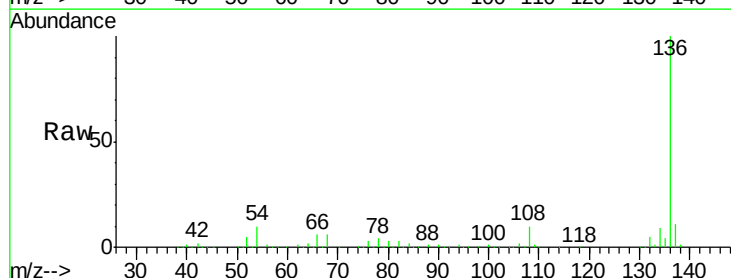
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.2 9.1 13.7

68 5.7 4.6 6.8

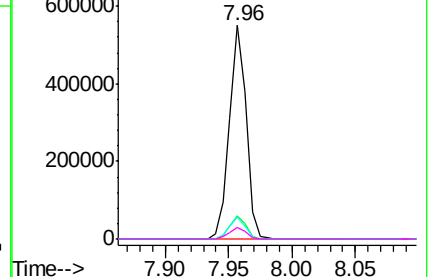
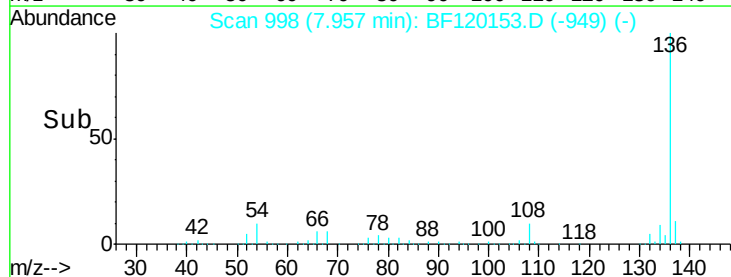


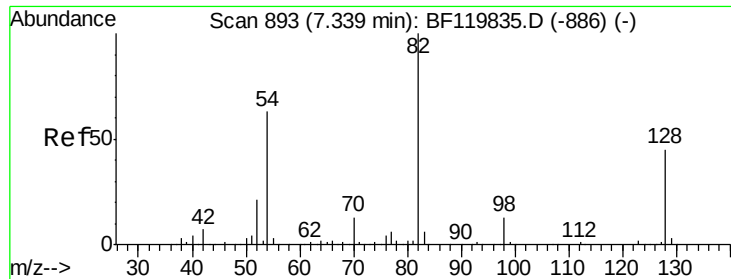
Abundance Ion 136.00 (135.70 to 136.70): E

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

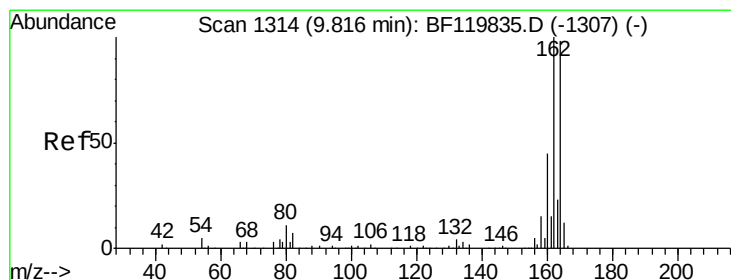
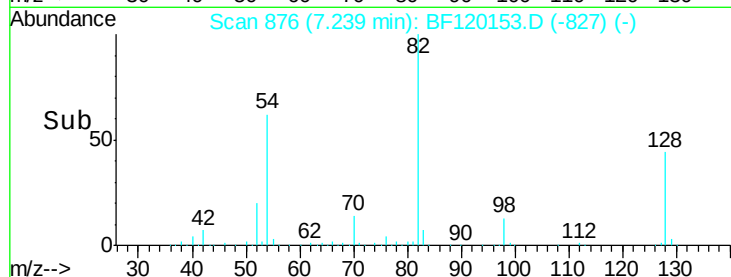
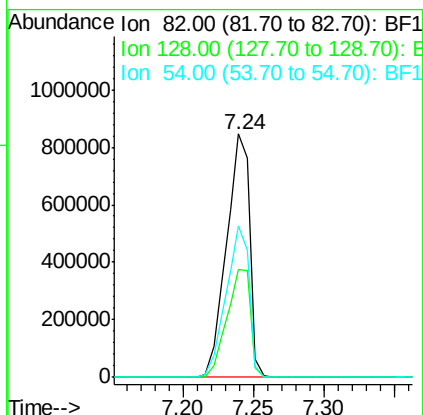
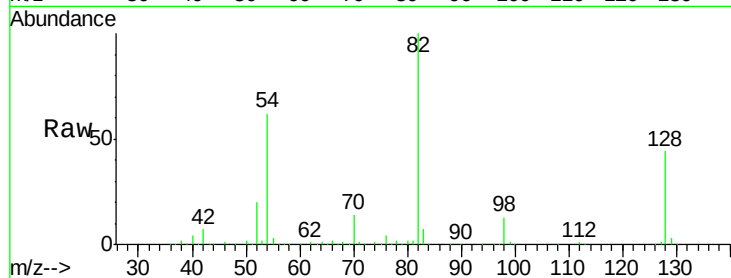




#23
 Nitrobenzene-d5
 Concen: 98.10 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF120153.D
 Acq: 23 Apr 2020 5:12

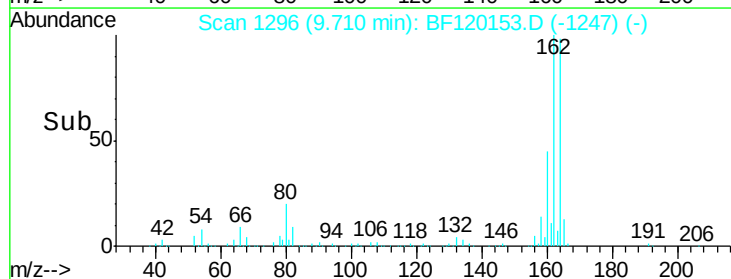
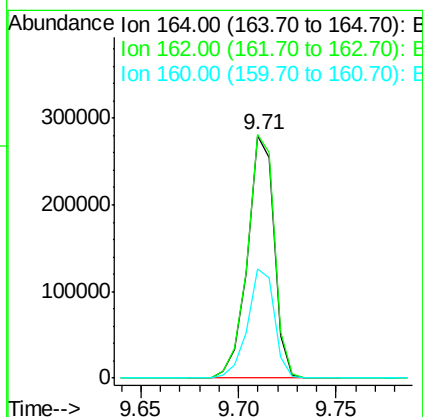
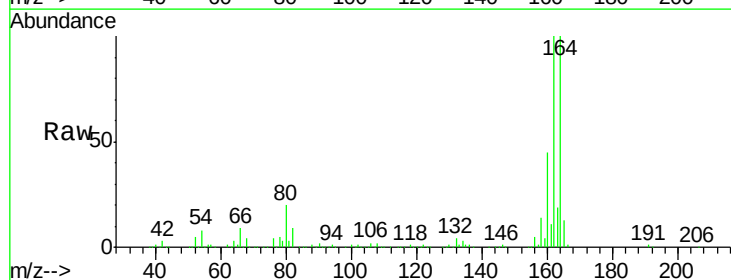
Instrument :
 BNA_F
 ClientSampleId :
 55-ST-27

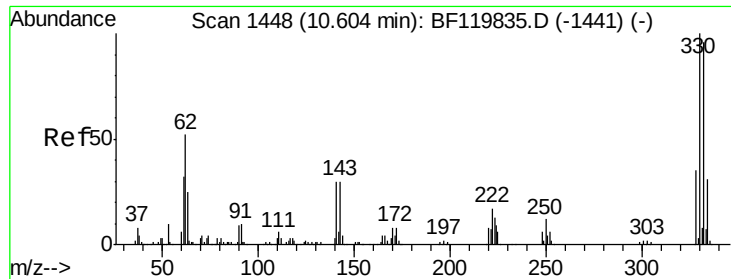
Tgt Ion: 82 Resp: 958382
 Ion Ratio Lower Upper
 82 100
 128 44.1 36.3 54.5
 54 62.3 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF120153.D
 Acq: 23 Apr 2020 5:12

Tgt Ion: 164 Resp: 265306
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.6 121.0
 160 44.9 35.7 53.5

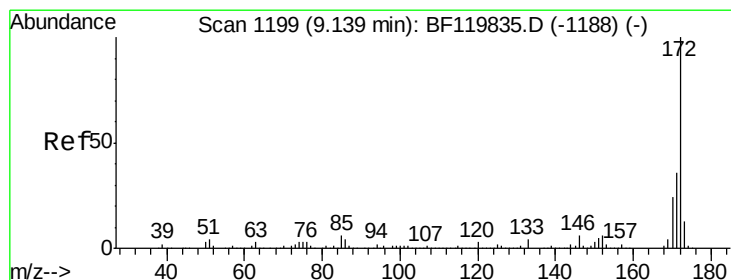
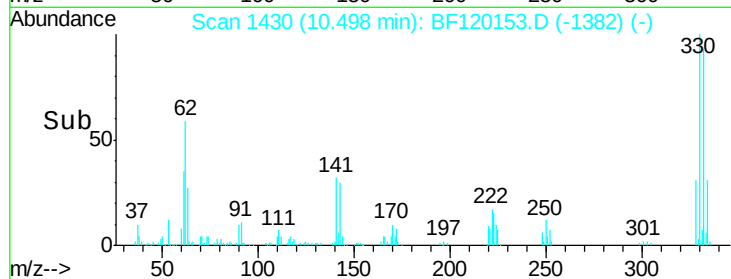
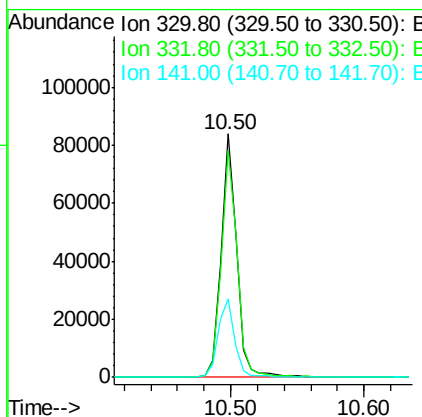
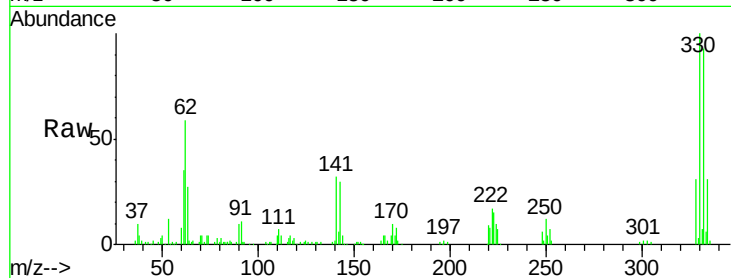




#42
 2,4,6-Tribromophenol
 Concen: 21.40 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF120153.D
 Acq: 23 Apr 2020 5:12

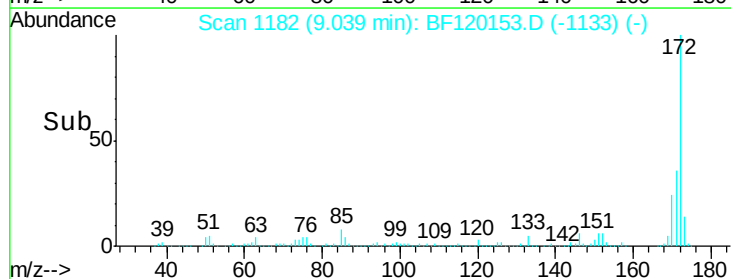
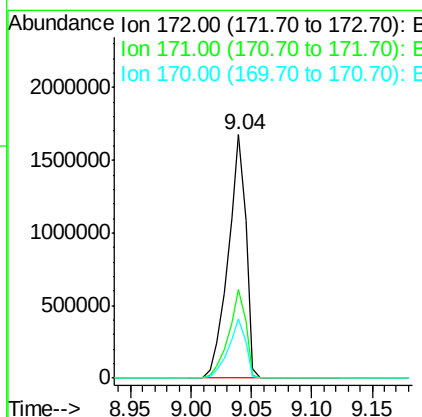
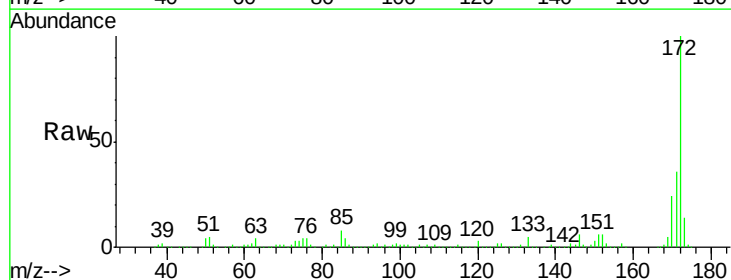
Instrument :
 BNA_F
 ClientSampleId :
 55-ST-27

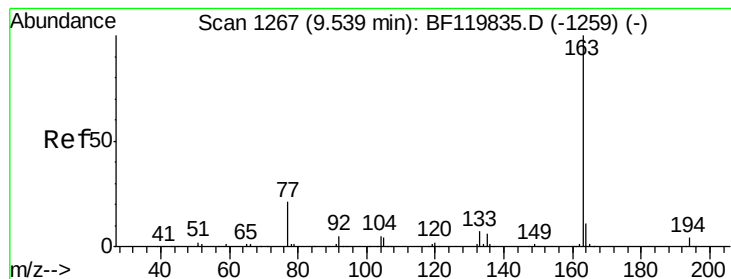
Tgt Ion:330 Resp: 69525
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.7 113.5
 141 33.9 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 91.31 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF120153.D
 Acq: 23 Apr 2020 5:12

Tgt Ion:172 Resp: 1706283
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.4 20.2 30.2





#50

Dimethylphthalate

Concen: 12.72 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF120153.D

Acq: 23 Apr 2020 5:12

Instrument :

BNA_F

ClientSampleId :

55-ST-27

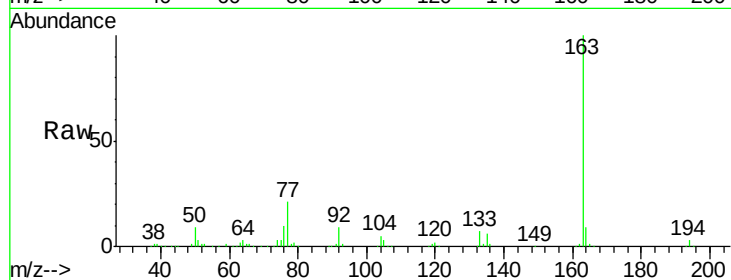
Tgt Ion:163 Resp: 261029

Ion Ratio Lower Upper

163 100

194 3.4 3.1 4.7

164 9.5 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

9.43

400000

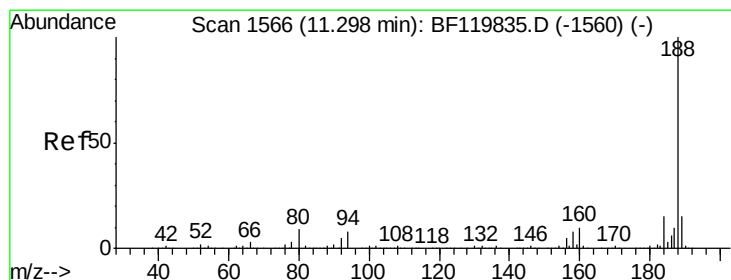
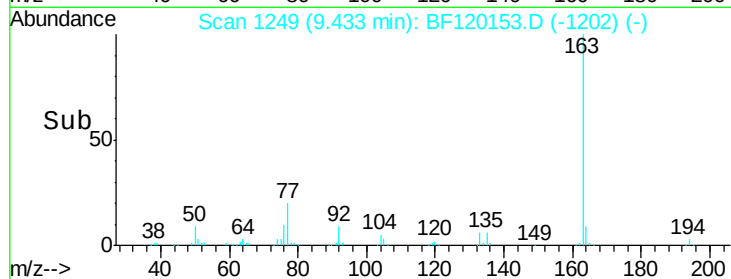
300000

200000

100000

0

Time--> 9.35 9.40 9.45 9.50 9.55



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF120153.D

Acq: 23 Apr 2020 5:12

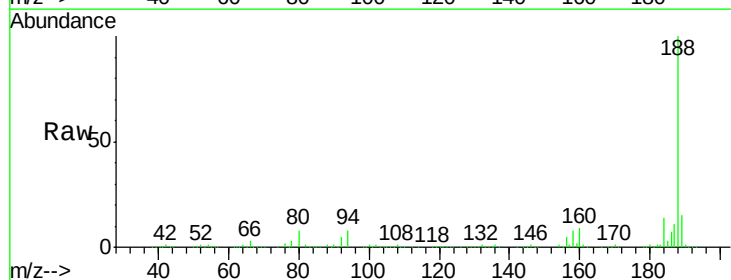
Tgt Ion:188 Resp: 508773

Ion Ratio Lower Upper

188 100

94 8.1 7.5 11.3

80 8.3 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

11.20

800000

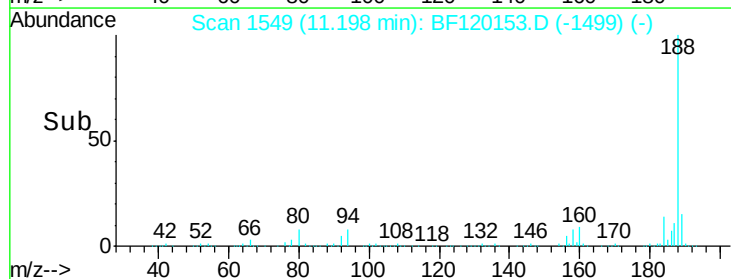
600000

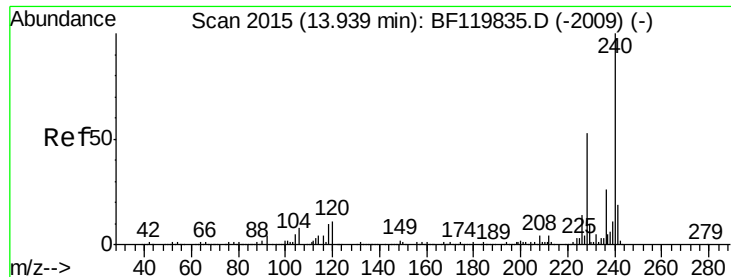
400000

200000

0

Time--> 11.15 11.20 11.25





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF120153.D

Acq: 23 Apr 2020 5:12

Instrument :

BNA_F

ClientSampleId :

55-ST-27

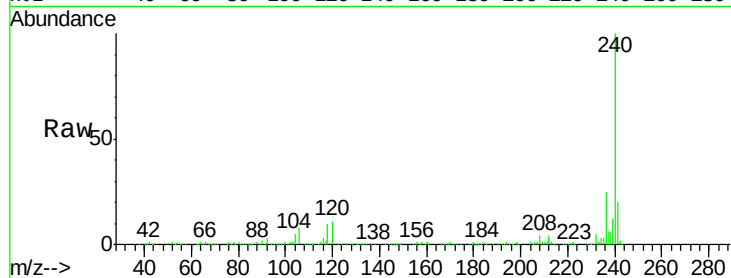
Tgt Ion:240 Resp: 430014

Ion Ratio Lower Upper

240 100

120 11.2 10.6 15.8

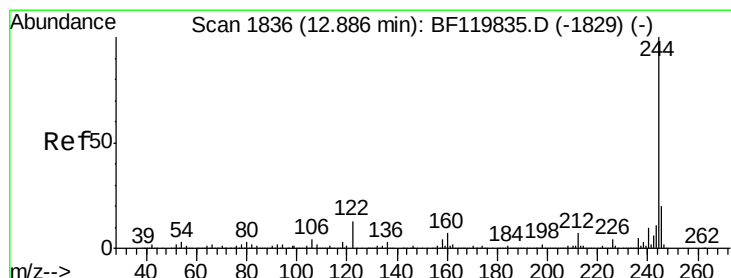
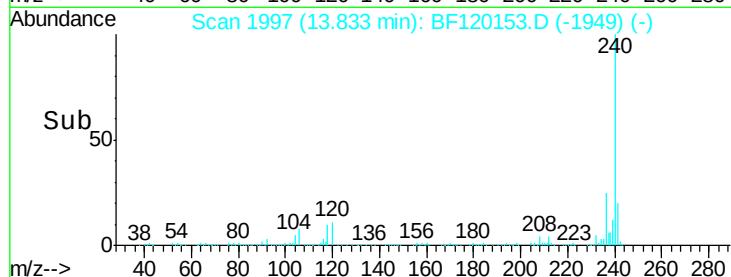
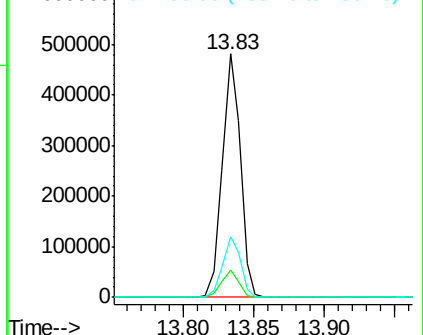
236 24.9 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 82.03 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF120153.D

Acq: 23 Apr 2020 5:12

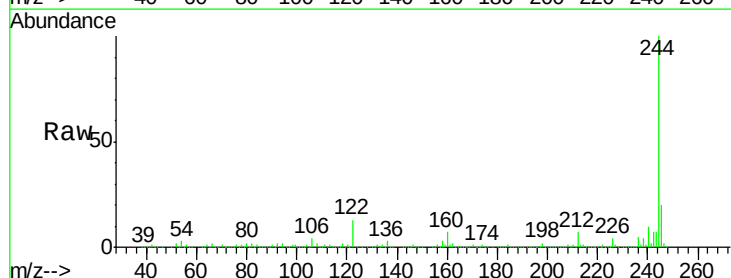
Tgt Ion:244 Resp: 2096234

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

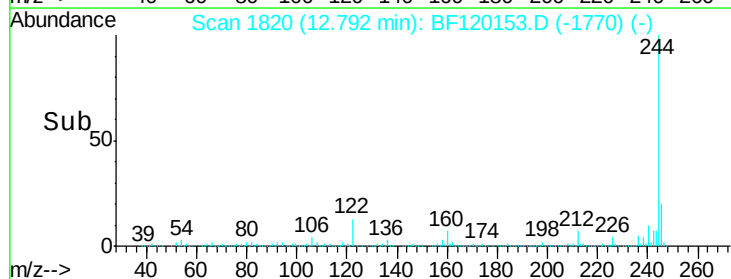
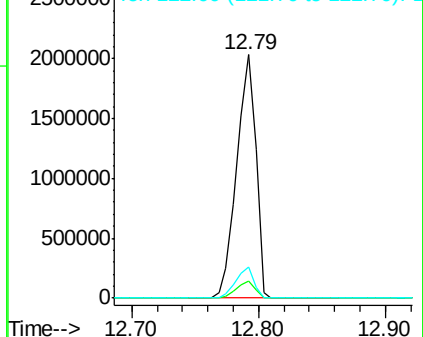
122 12.8 10.3 15.5

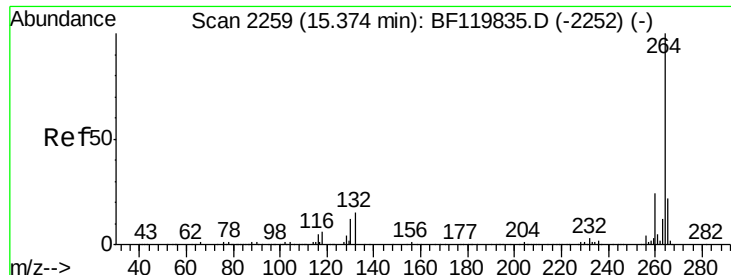


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF120153.D
Acq: 23 Apr 2020 5:12

Instrument :
BNA_F
ClientSampleId :
55-ST-27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.1	17.7	26.5

