

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
 Data File : BF120327.D
 Acq On : 15 May 2020 17:51
 Operator : MA/SJ
 Sample : L2604-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 305

Quant Time: May 16 03:49:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 12:31:31 2020
 Response via : Initial Calibration

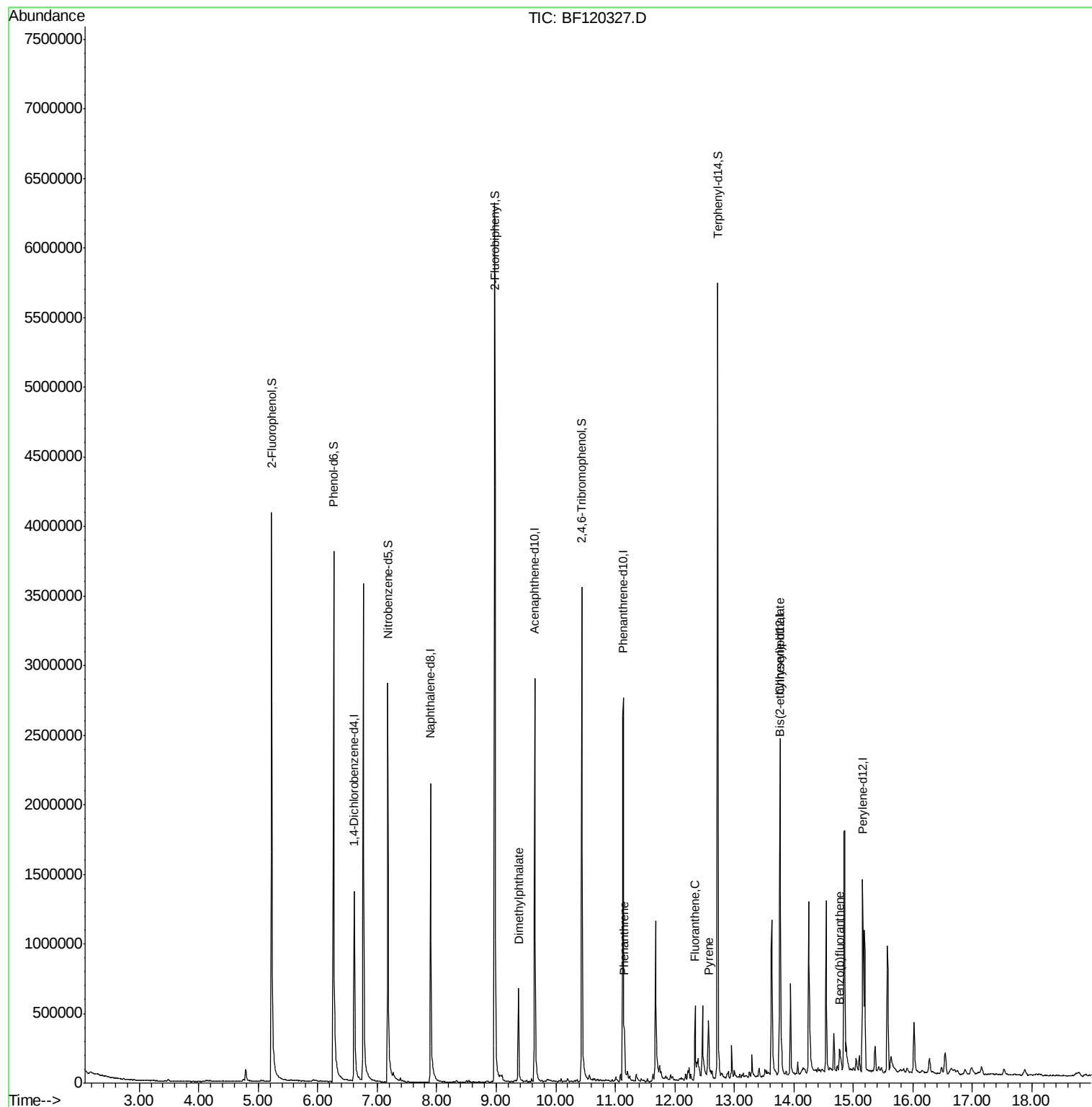
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	316917	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1283038	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	732792	20.00	ng	0.00
64) Phenanthrene-d10	11.13	188	1258101	20.00	ng	0.00
76) Chrysene-d12	13.77	240	867297	20.00	ng	0.00
87) Perylene-d12	15.16	264	622602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1388913	85.27	ng	0.00
7) Phenol-d6	6.27	99	1848121	89.72	ng	0.00
23) Nitrobenzene-d5	7.18	82	1103448	58.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.44	330	515524	86.28	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2329617	65.31	ng	0.00
79) Terphenyl-d14	12.72	244	2271878	57.87	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.37	163	322870	6.970	ng	98
71) Phenanthrene	11.15	178	134840	2.551	ng	99
75) Fluoranthene	12.34	202	246533	4.351	ng	97
78) Pyrene	12.57	202	197247	3.190	ng	97
84) Bis(2-ethylhexyl)phthalate	13.76	149	95498	2.636	ng	99
88) Benzo(b)fluoranthene	14.77	252	77279m	2.273	ng	

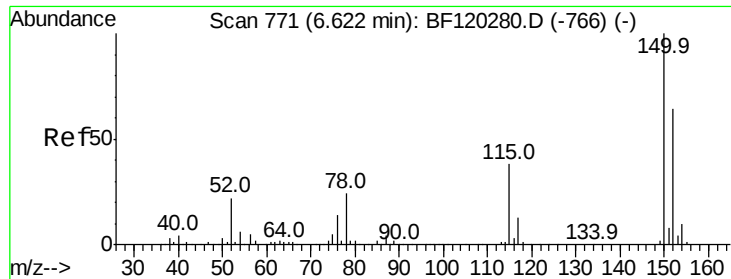
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120327.D
Acq On : 15 May 2020 17:51
Operator : MA/SJ
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
305

Quant Time: May 16 03:49:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 12:31:31 2020
Response via : Initial Calibration



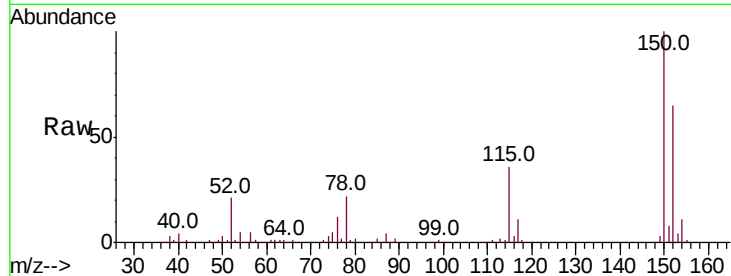


#1

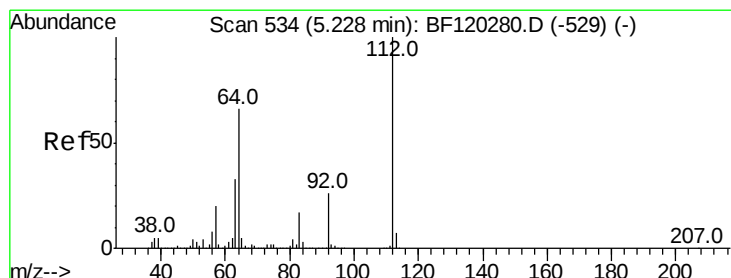
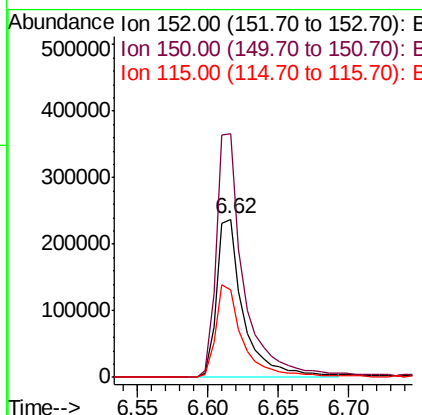
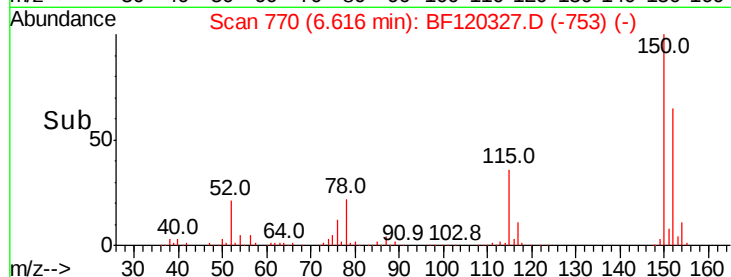
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF120327.D
Acq: 15 May 2020 17:51

Instrument :
BNA_F
ClientSampleId :
305

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.2	189.2
115	55.3	47.9	71.9



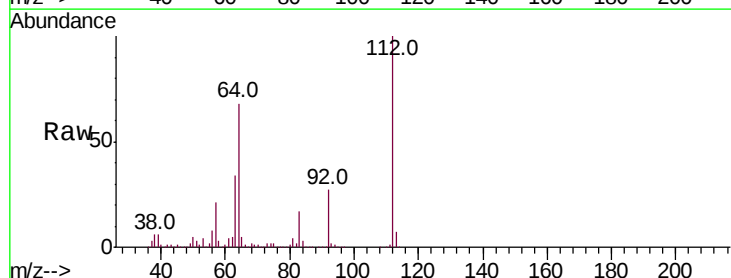
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



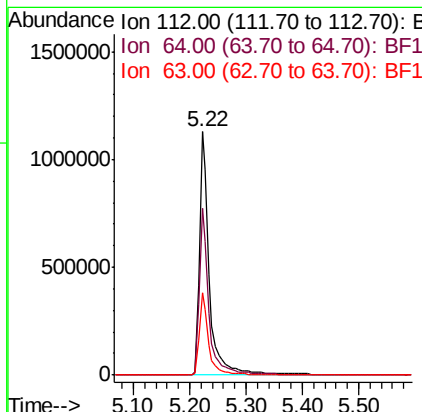
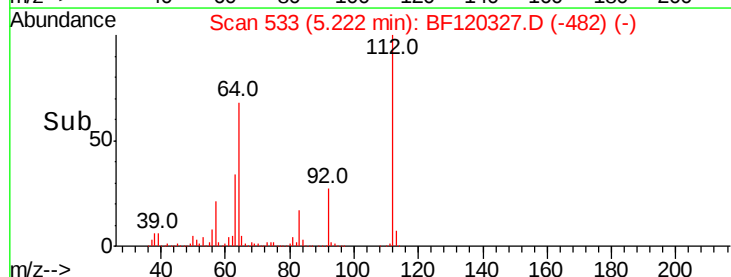
#5

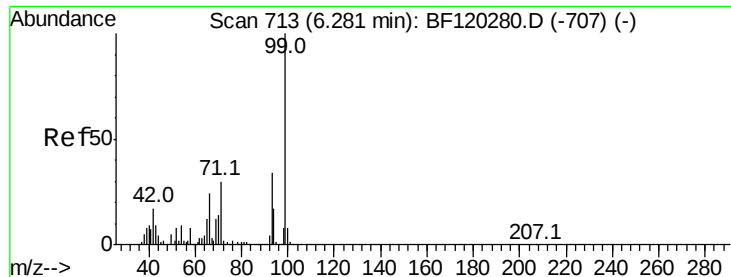
2-Fluorophenol
Concen: 85.272 ng
RT: 5.22 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF120327.D
Acq: 15 May 2020 17:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	52.7	79.1
63	33.9	26.2	39.4



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: 89.725 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF120327.D

Acq: 15 May 2020 17:51

Instrument :

BNA_F

ClientSampleId :

305

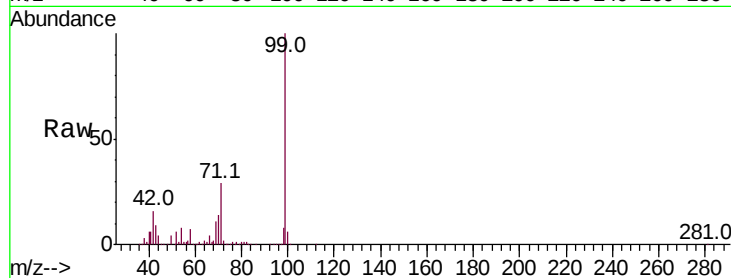
Tot Ion: 99 Resp: 1848121

Ion Ratio Lower Upper

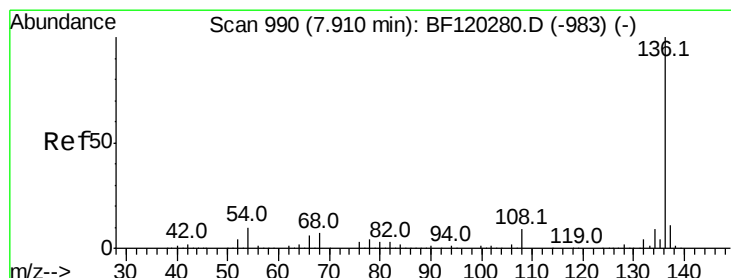
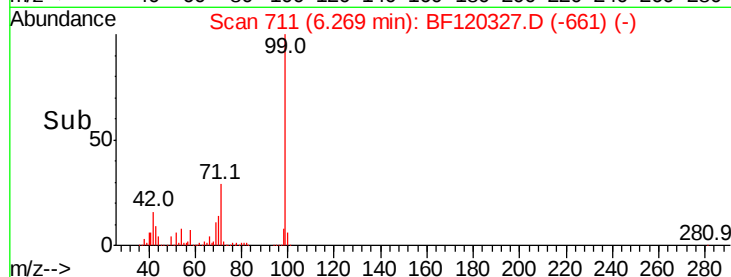
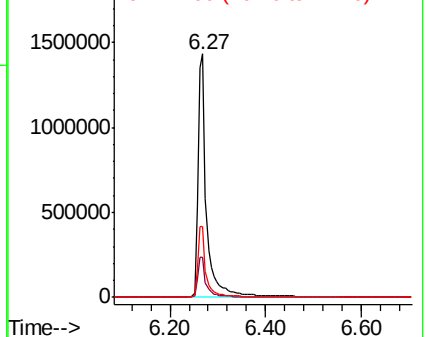
99 100

42 16.2 13.6 20.4

71 28.9 24.2 36.4



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: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF120327.D

Acq: 15 May 2020 17:51

Tgt Ion: 136 Resp: 1283038

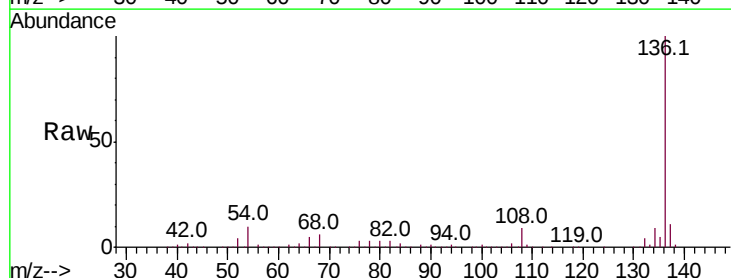
Ion Ratio Lower Upper

136 100

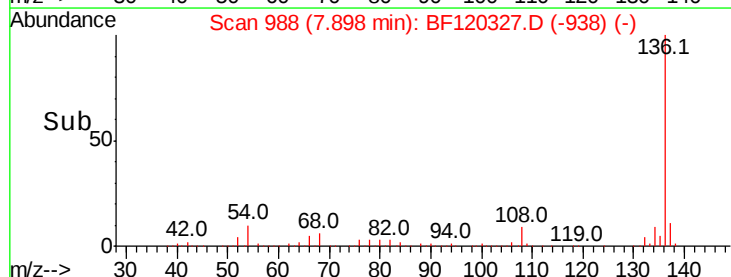
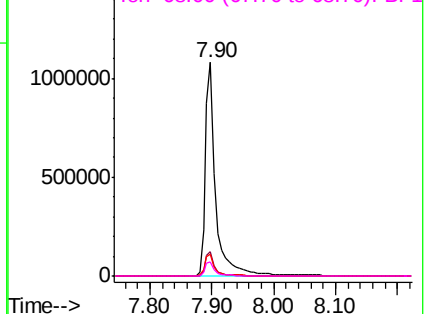
137 11.1 9.1 13.7

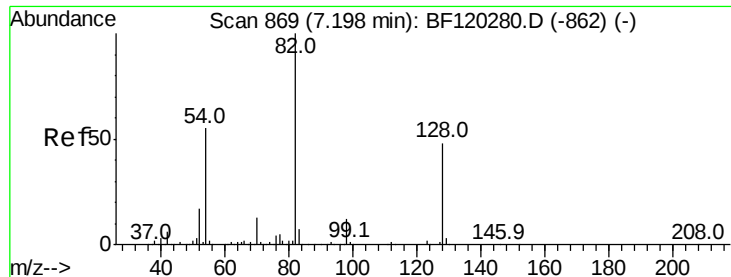
54 9.9 7.9 11.9

68 6.3 5.4 8.2



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

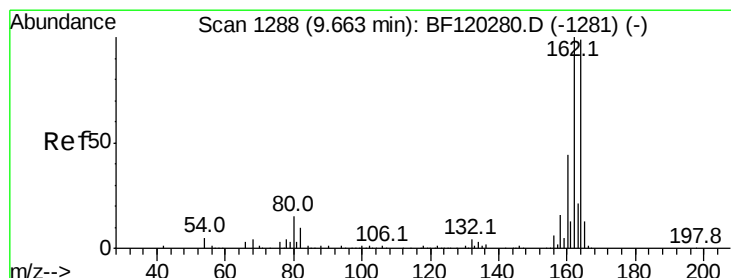
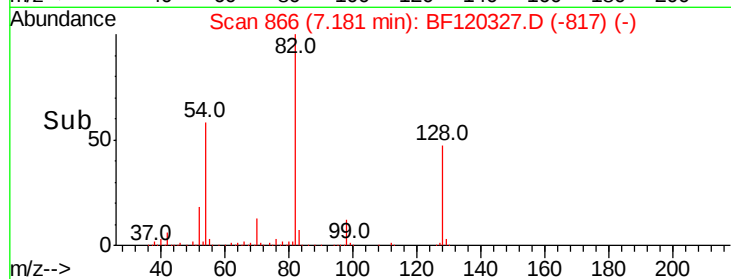
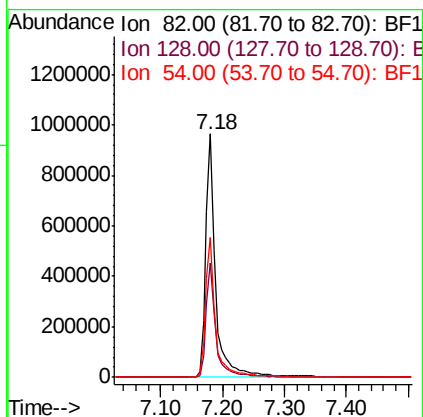
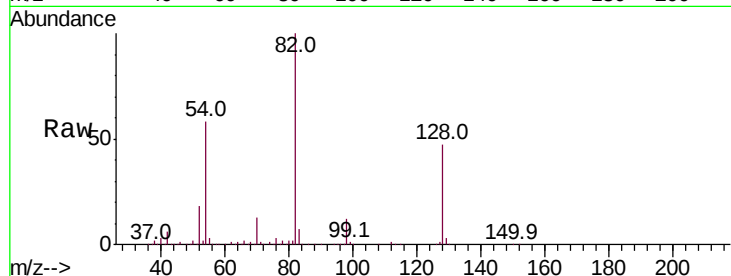




#23
Nitrobenzene-d5
Concen: 58.883 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF120327.D
Acq: 15 May 2020 17:51

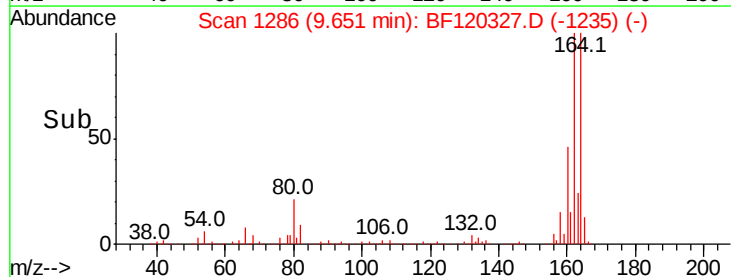
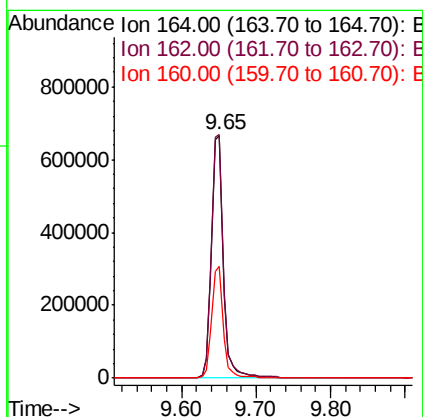
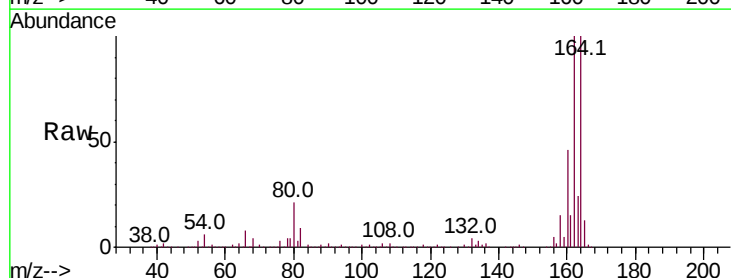
Instrument :
BNA_F
ClientSampleId :
305

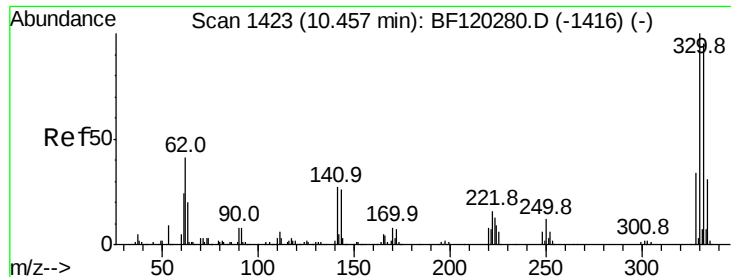
Tot Ion: 82 Resp: 1103448
Ion Ratio Lower Upper
82 100
128 46.7 38.3 57.5
54 57.6 43.9 65.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF120327.D
Acq: 15 May 2020 17:51

Tgt Ion: 164 Resp: 732792
Ion Ratio Lower Upper
164 100
162 100.3 81.2 121.8
160 45.8 35.8 53.6

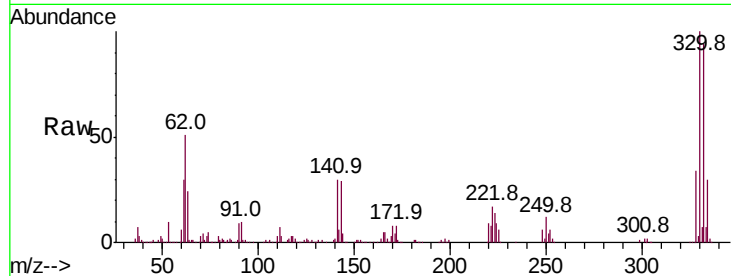




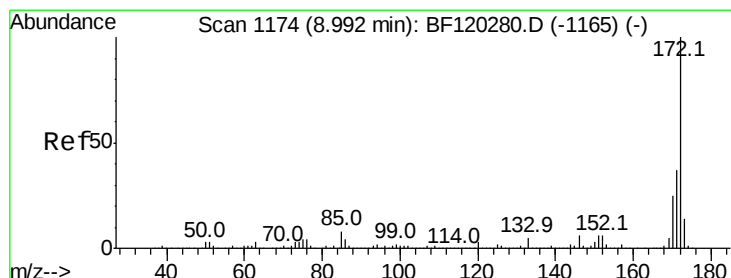
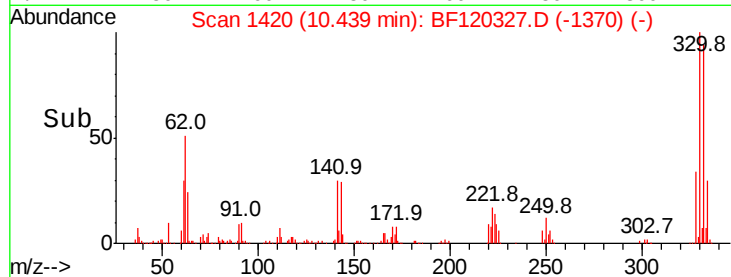
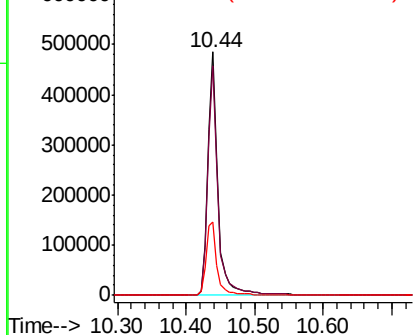
#42
 2,4,6-Tribromophenol
 Concen: 86.283 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF120327.D
 Acq: 15 May 2020 17:51

Instrument :
 BNA_F
 ClientSampleId :
 305

Tot Ion:330 Resp: 515524
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.5 114.7
 141 32.7 25.4 38.0

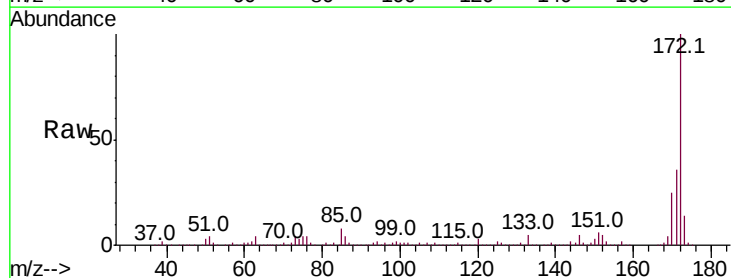


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

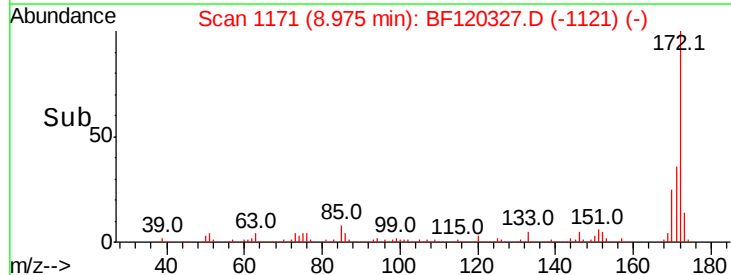
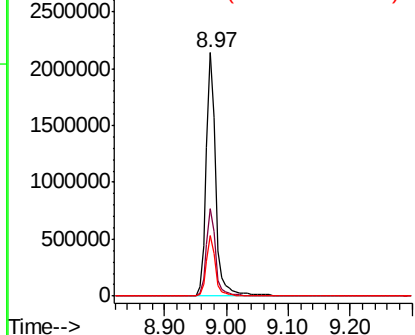


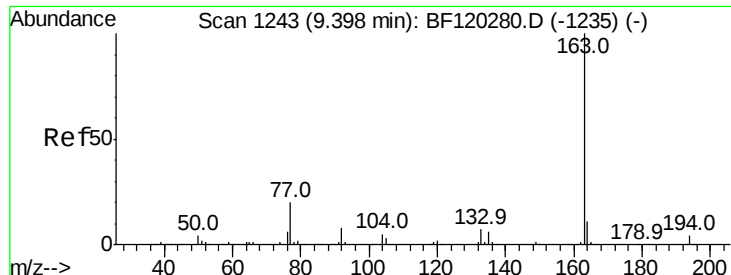
#45
 2-Fluorobiphenyl
 Concen: 65.314 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF120327.D
 Acq: 15 May 2020 17:51

Tgt Ion:172 Resp: 2329617
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 25.0 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.970 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF120327.D

Acq: 15 May 2020 17:51

Instrument :

BNA_F

ClientSampleId :

305

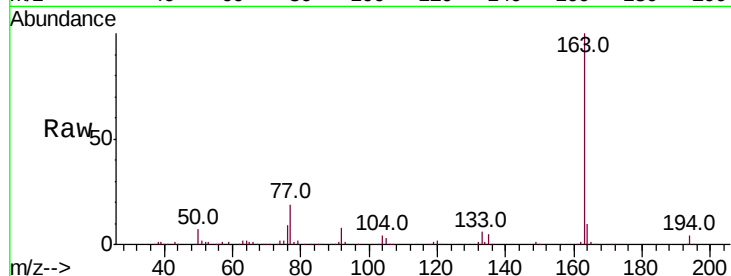
Tot Ion:163 Resp: 322870

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

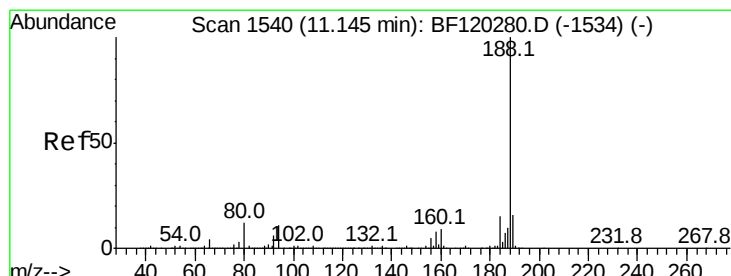
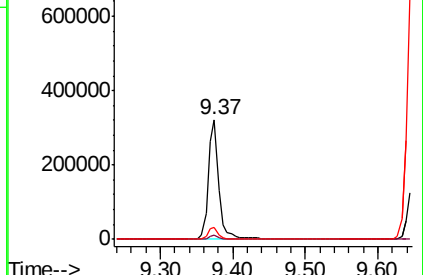
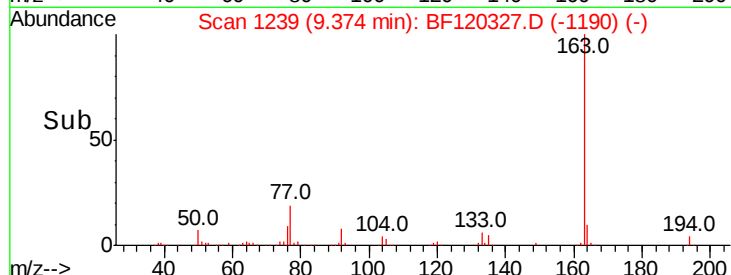
164 9.8 8.6 12.8



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: 11.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BF120327.D

Acq: 15 May 2020 17:51

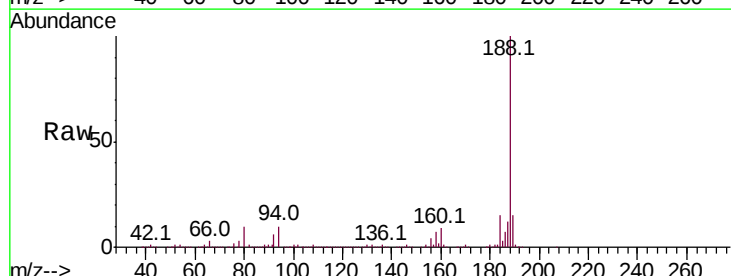
Tgt Ion:188 Resp: 1258101

Ion Ratio Lower Upper

188 100

94 9.9 8.6 13.0

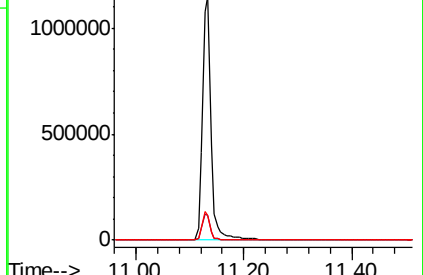
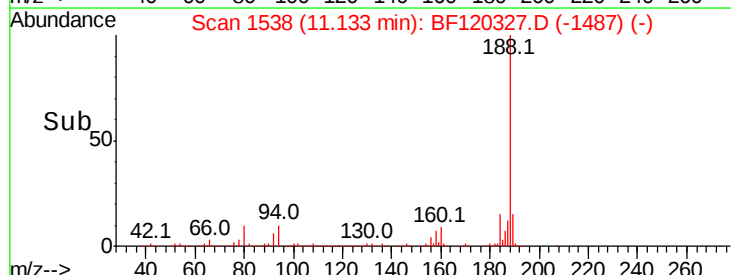
80 10.1 9.2 13.8

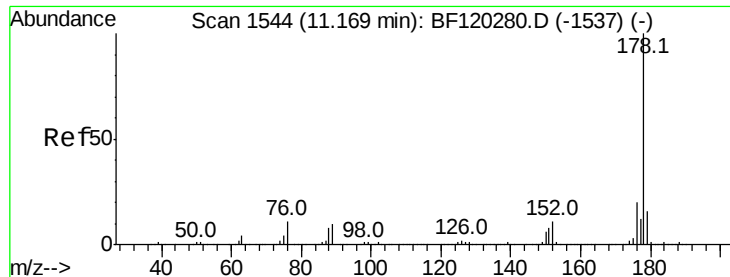


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 2.551 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF120327.D

Acq: 15 May 2020 17:51

Instrument :

BNA_F

ClientSampleId :

305

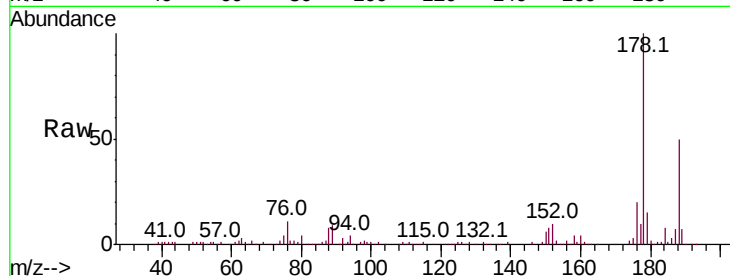
Tot Ion:178 Resp: 134840

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.8

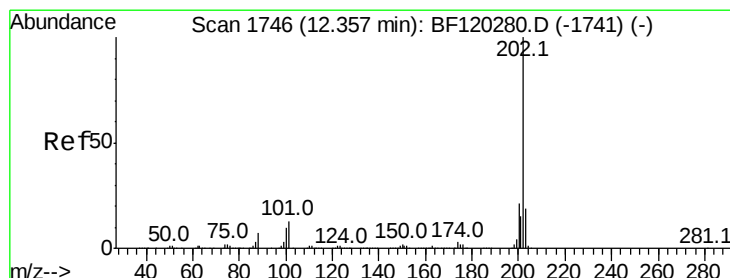
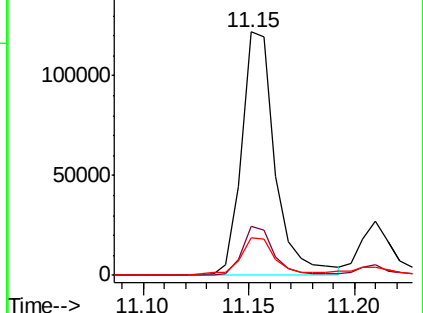
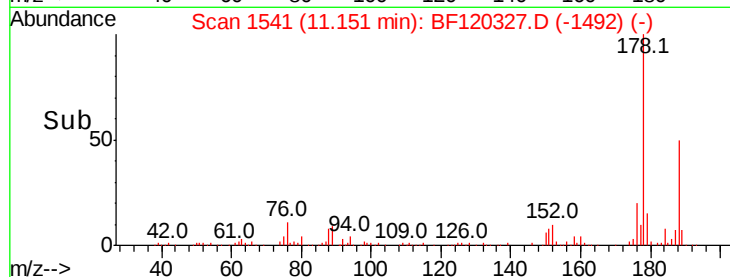
179 15.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 4.351 ng

RT: 12.34 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BF120327.D

Acq: 15 May 2020 17:51

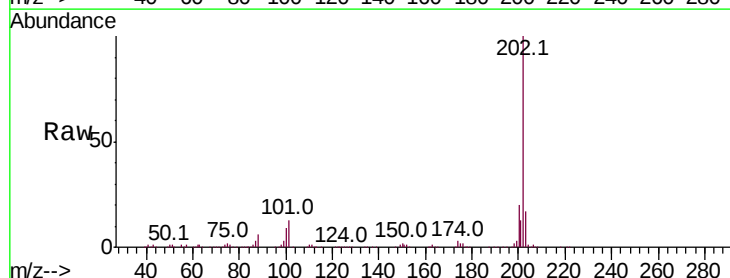
Tgt Ion:202 Resp: 246533

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.2

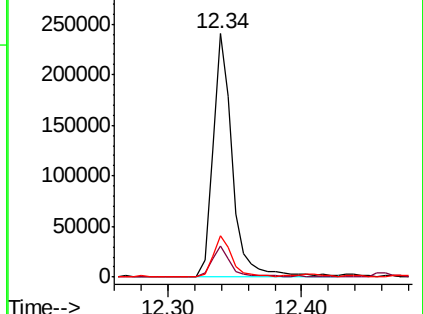
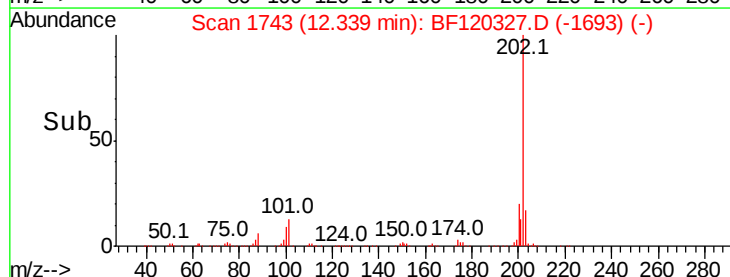
203 17.0 0.0 39.1

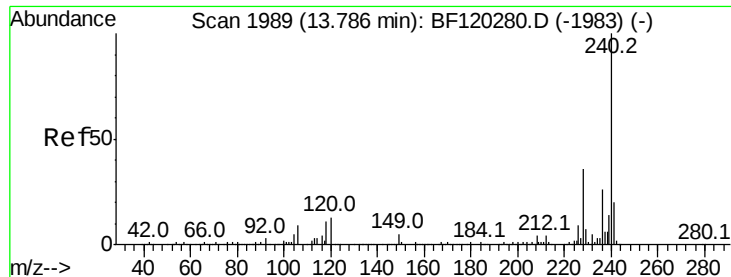


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

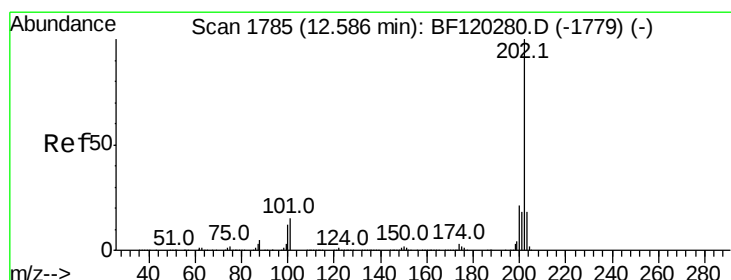
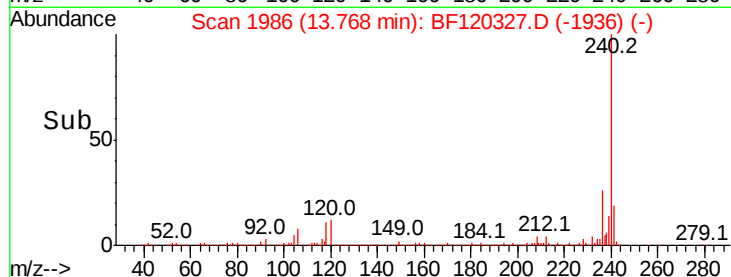
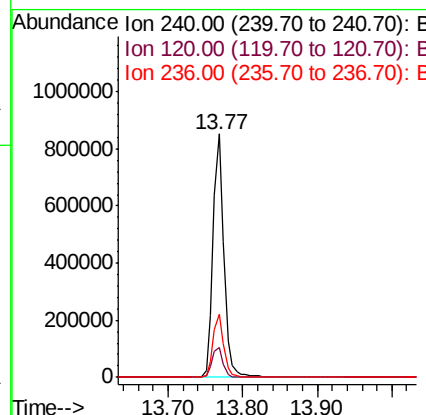
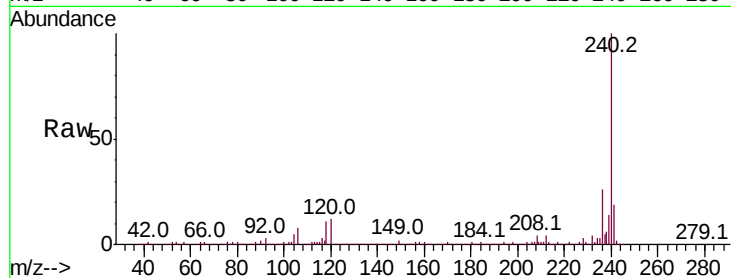




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF120327.D
Acq: 15 May 2020 17:51

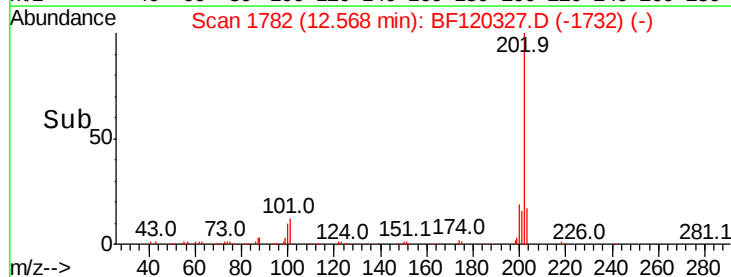
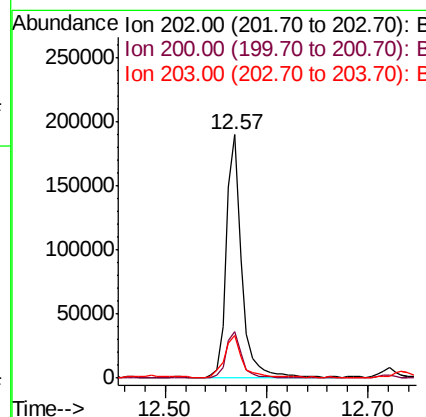
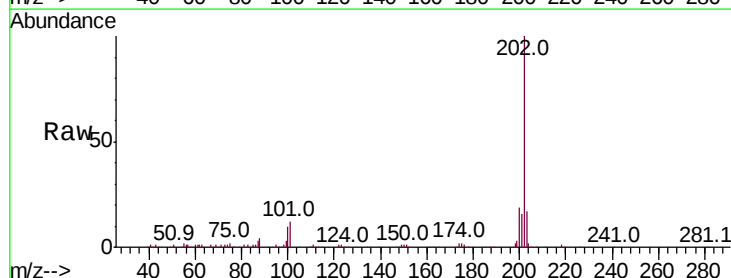
Instrument :
BNA_F
ClientSampleId :
305

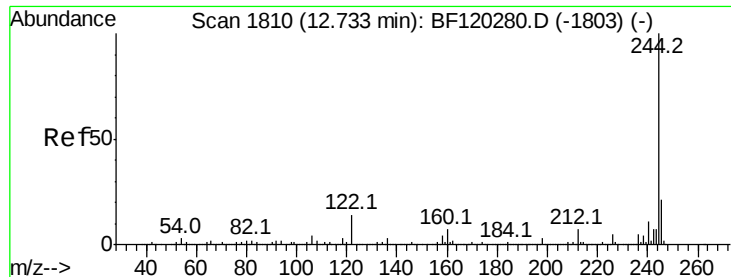
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.4	15.6
236	25.7	21.0	31.6



#78
Pyrene
Concen: 3.190 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF120327.D
Acq: 15 May 2020 17:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.2	16.6	25.0
203	17.3	14.6	22.0





#79

Terphenyl-d14

Concen: 57.870 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF120327.D

Acq: 15 May 2020 17:51

Instrument :

BNA_F

ClientSampled :

305

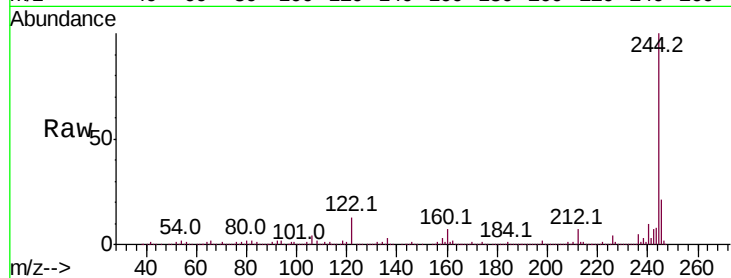
Tot Ion:244 Resp: 2271878

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

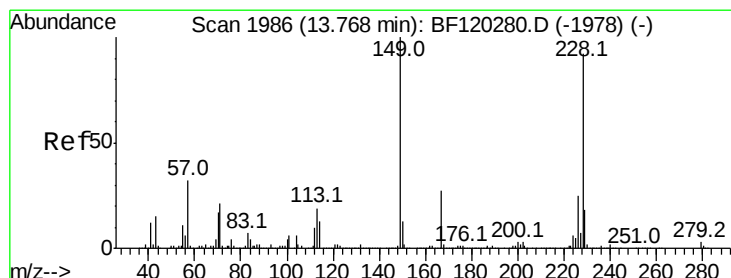
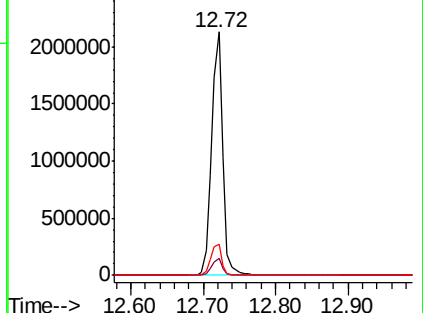
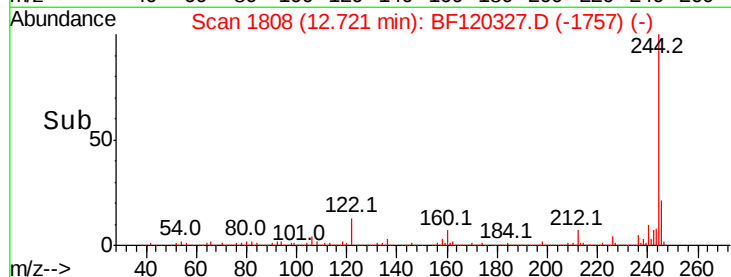
122 12.8 10.8 16.2



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.636 ng

RT: 13.76 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BF120327.D

Acq: 15 May 2020 17:51

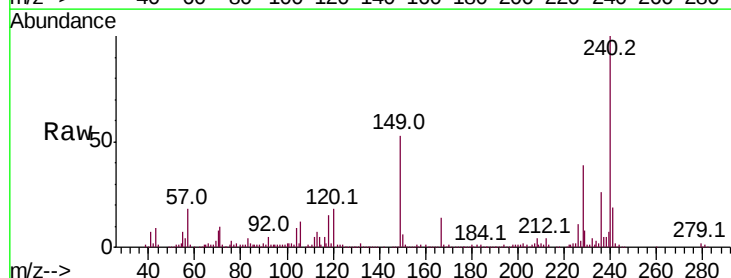
Tgt Ion:149 Resp: 95498

Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.8

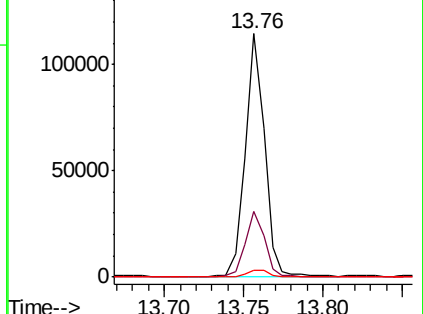
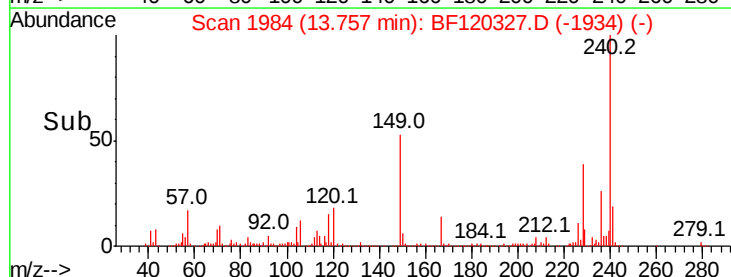
279 2.9 2.8 4.2

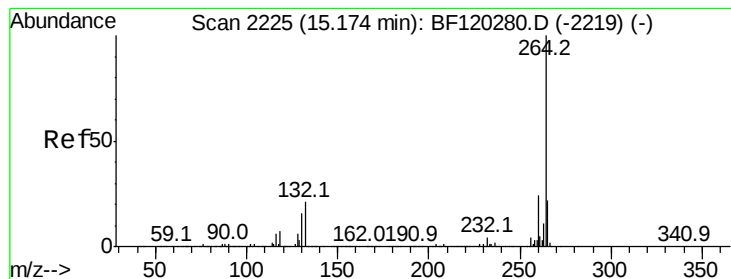


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.16 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BF120327.D

Acq: 15 May 2020 17:51

Instrument :

BNA_F

ClientSampleId :

305

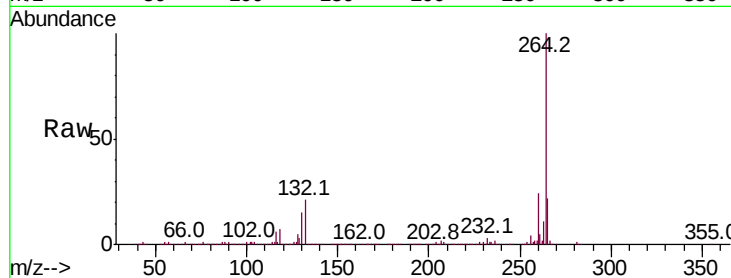
Tot Ion:264 Resp: 622602

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

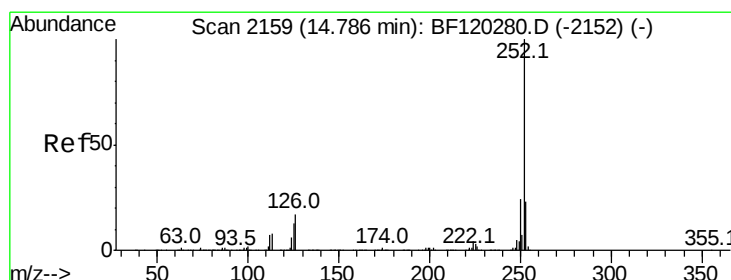
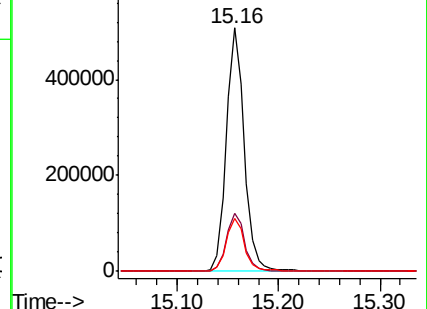
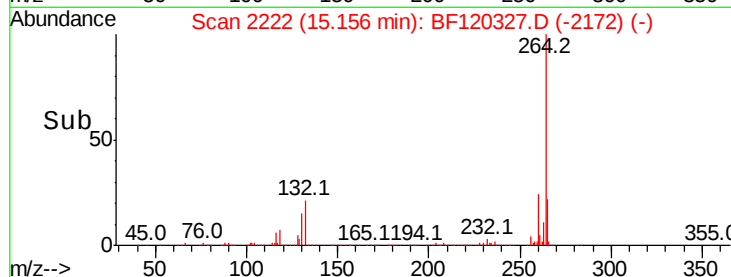
265 21.6 17.5 26.3



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



#88

Benzo(b)fluoranthene

Concen: 2.273 ng m

RT: 14.77 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BF120327.D

Acq: 15 May 2020 17:51

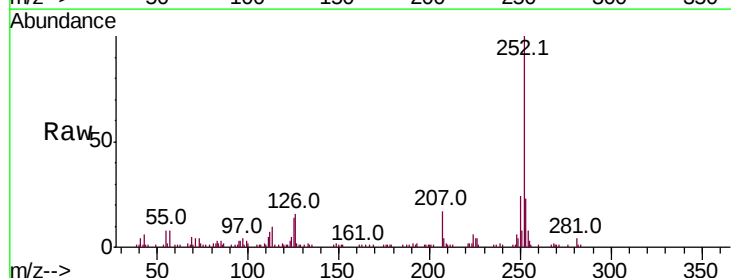
Tgt Ion:252 Resp: 77279

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

125 13.8 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

