

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
 Data File : BF120325.D
 Acq On : 15 May 2020 16:55
 Operator : MA/SJ
 Sample : L2663-10 50X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 16 00:13:34 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	250403	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1076802	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	465698	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	827463	20.00	ng	0.00
76) Chrysene-d12	13.77	240	761519	20.00	ng	0.00
87) Perylene-d12	15.16	264	625883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	173	0.01	ng	0.06
7) Phenol-d6	6.31	99	1408	0.09	ng	0.04
23) Nitrobenzene-d5	7.22	82	2522	0.16	ng	0.02
42) 2,4,6-Tribromophenol	10.45	330	1099	0.29	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	11342	0.50	ng	0.00
79) Terphenyl-d14	12.72	244	12602	0.37	ng	0.00

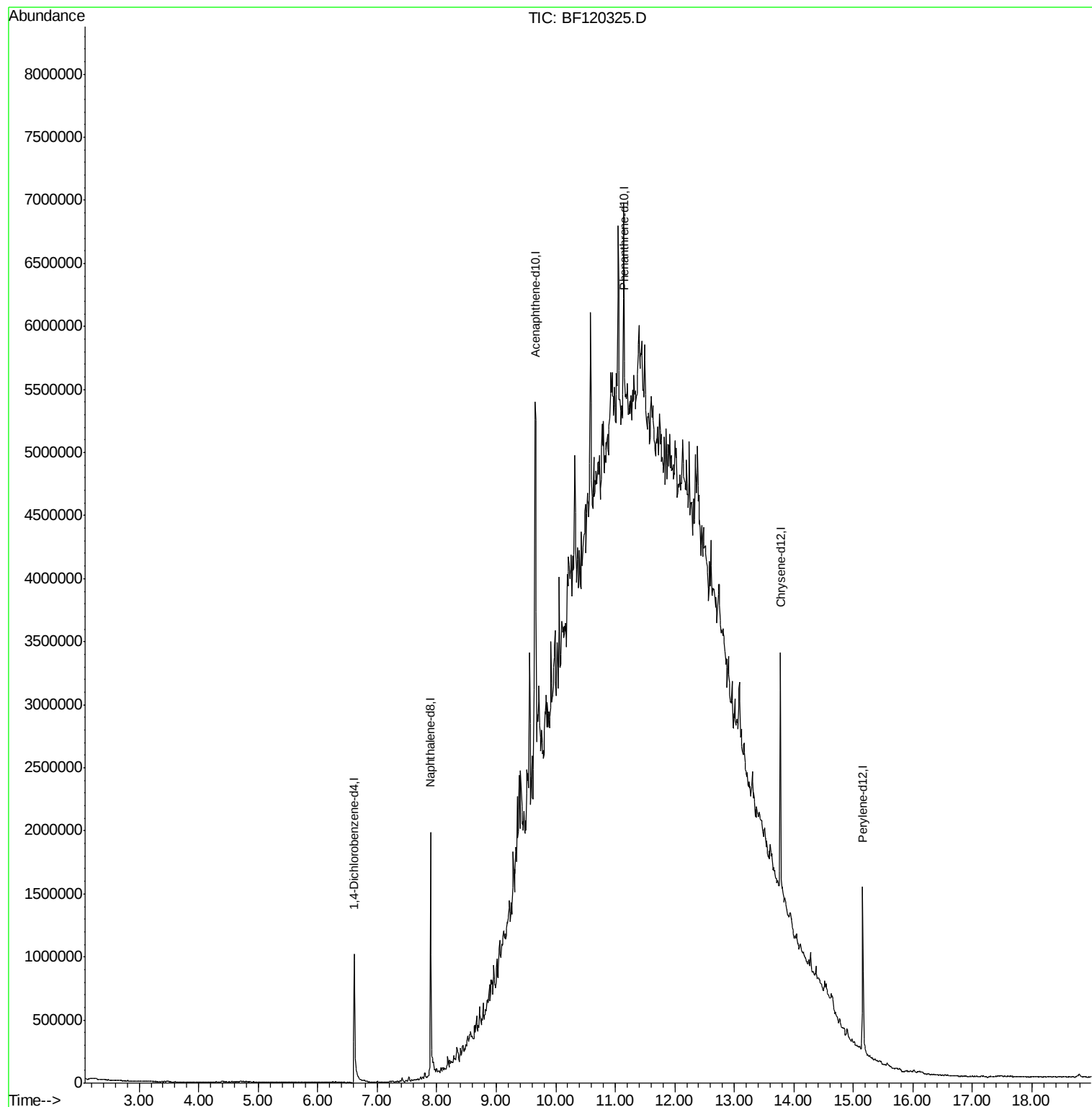
Target Compounds Qvalue

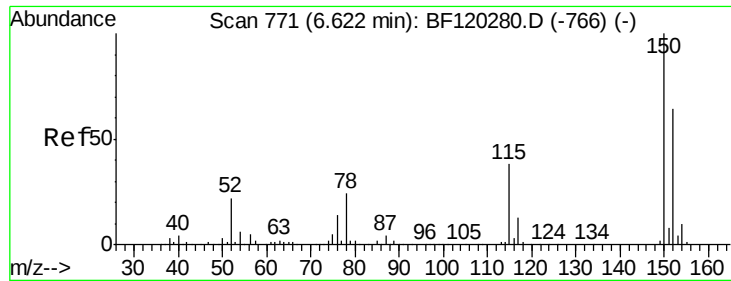
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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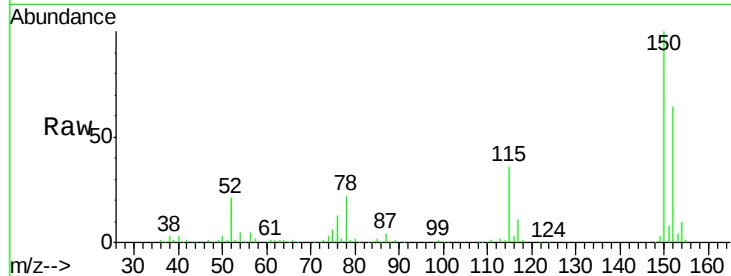


#1

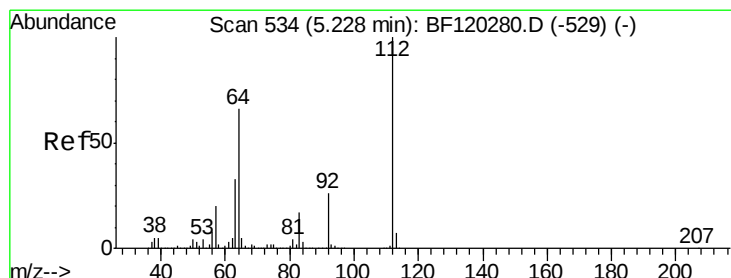
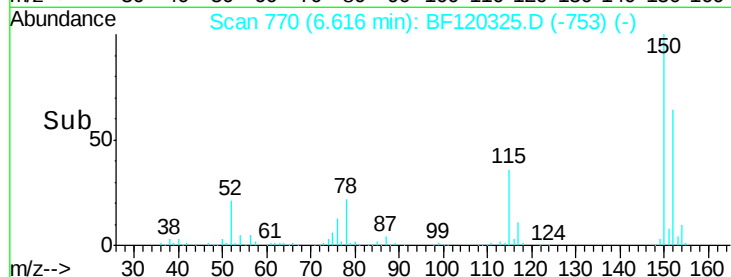
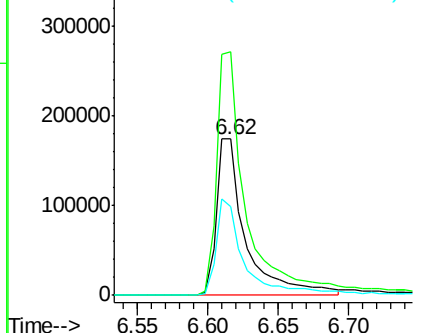
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF120325.D
Acq: 15 May 2020 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 250403
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 56.6 47.9 71.9



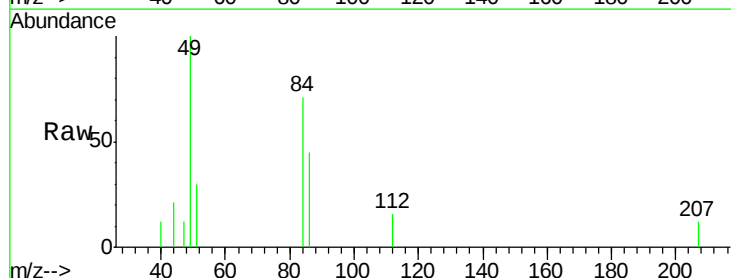
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



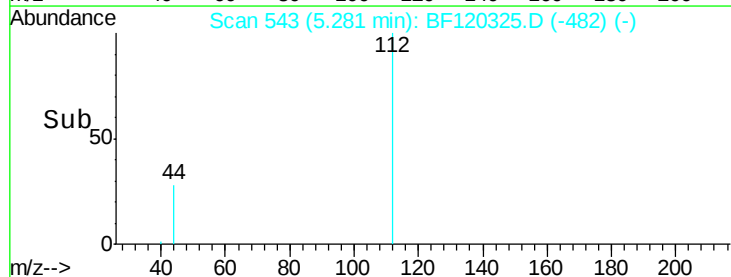
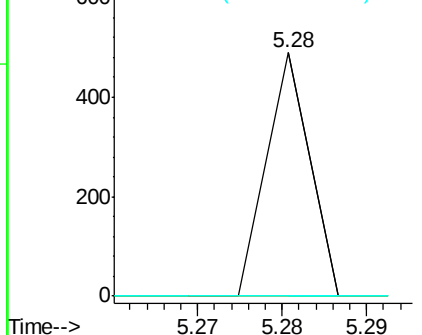
#5

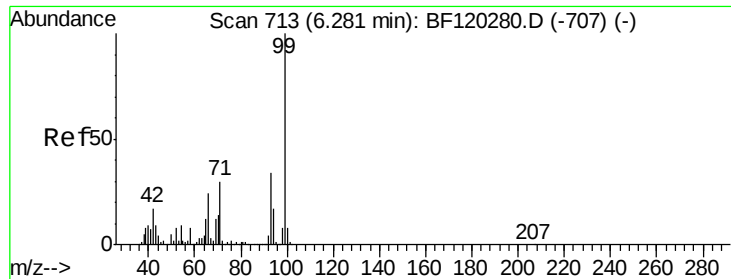
2-Fluorophenol
Concen: 0.013 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.06 min
Lab File: BF120325.D
Acq: 15 May 2020 16:55

Tgt Ion:112 Resp: 173
Ion Ratio Lower Upper
112 100
64 0.0 52.7 79.1#
63 0.0 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: 0.087 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.04 min

Lab File: BF120325.D

Acq: 15 May 2020 16:55

Instrument :

BNA_F

ClientSampled :

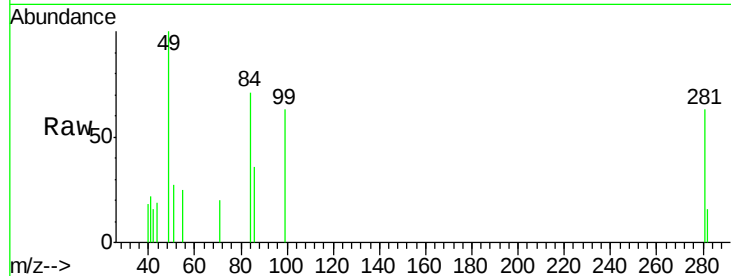
Tot Ion: 99 Resp: 1408

Ion Ratio Lower Upper

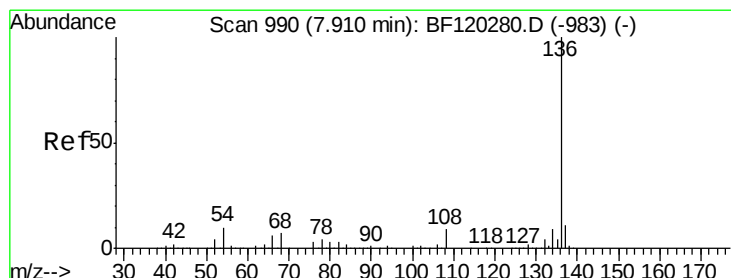
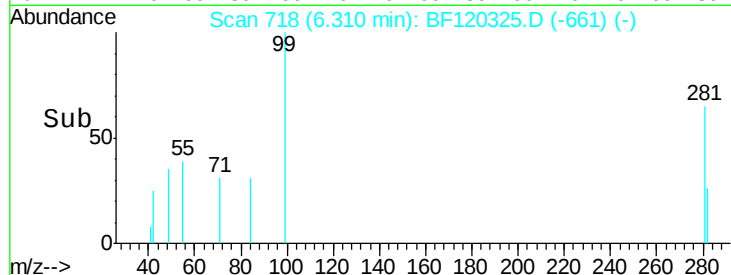
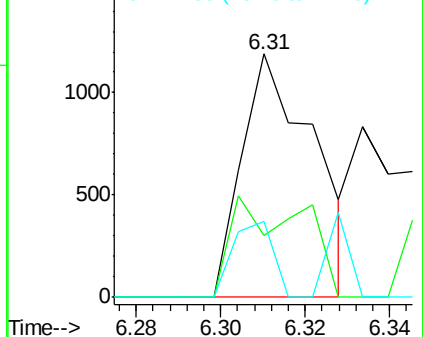
99 100

42 25.3 13.6 20.4#

71 31.2 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: BF120325.D

Acq: 15 May 2020 16:55

Tgt Ion: 136 Resp: 1076802

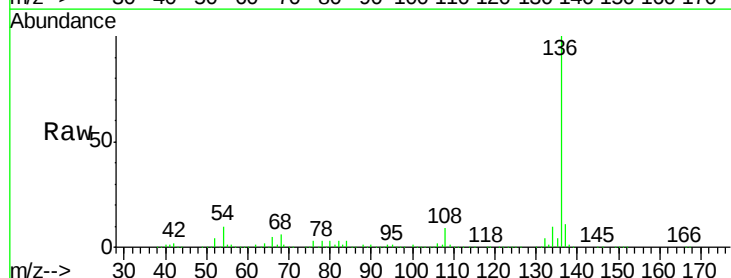
Ion Ratio Lower Upper

136 100

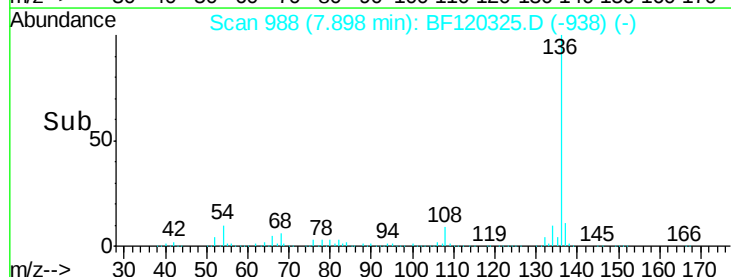
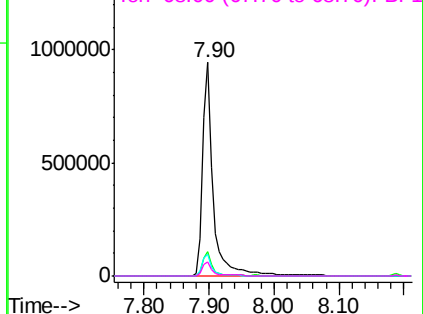
137 11.1 9.1 13.7

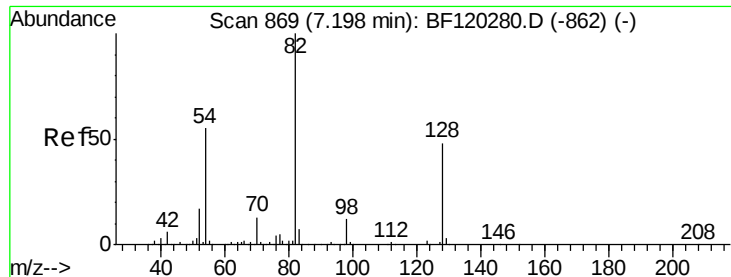
54 10.0 7.9 11.9

68 6.4 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

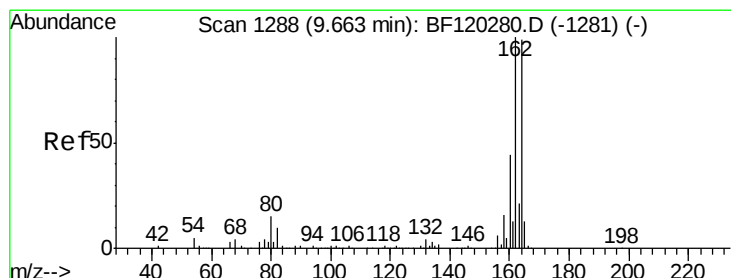
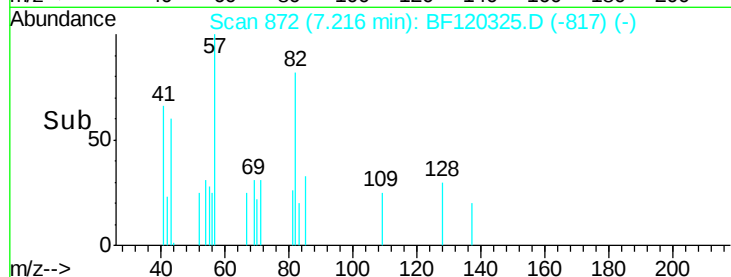
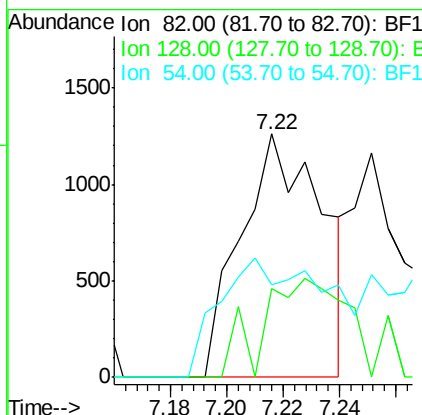
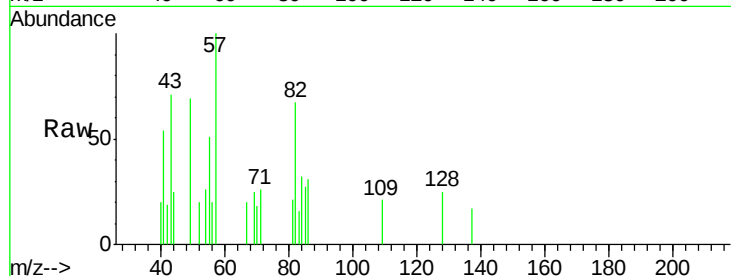




#23
Nitrobenzene-d5
Concen: 0.160 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.02 min
Lab File: BF120325.D
Acq: 15 May 2020 16:55

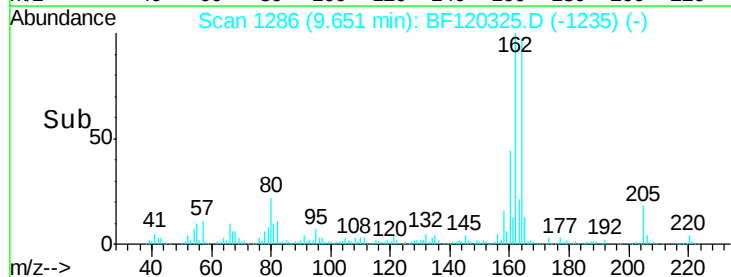
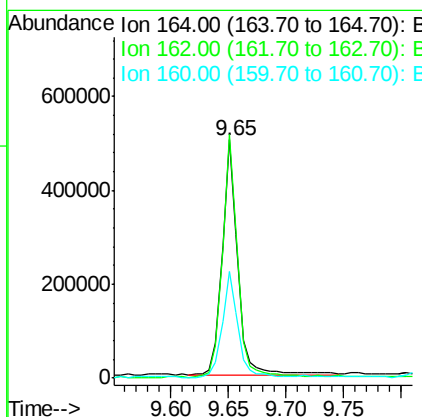
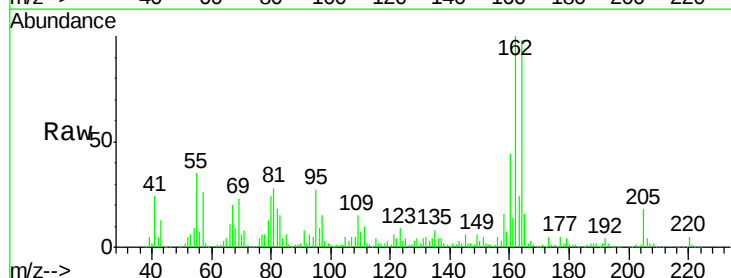
Instrument :
BNA_F
ClientSampleId :

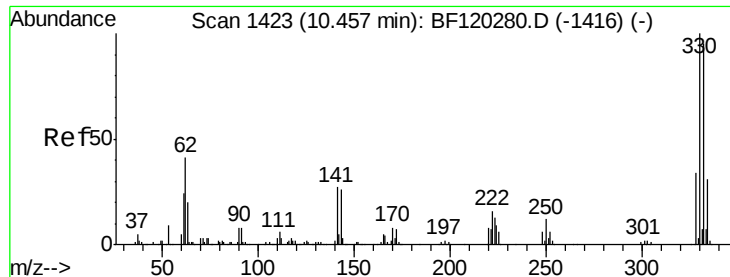
Tot Ion: 82 Resp: 2522
Ion Ratio Lower Upper
82 100
128 36.4 38.3 57.5#
54 38.0 43.9 65.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF120325.D
Acq: 15 May 2020 16:55

Tgt Ion: 164 Resp: 465698
Ion Ratio Lower Upper
164 100
162 102.2 81.2 121.8
160 44.9 35.8 53.6

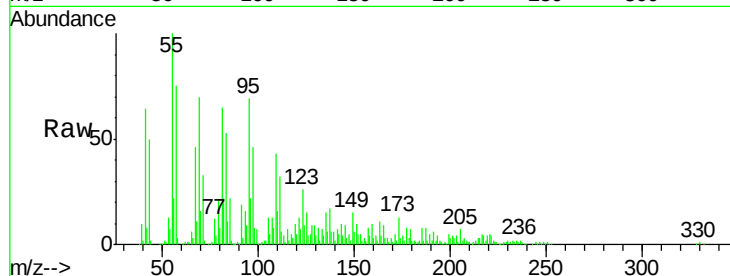




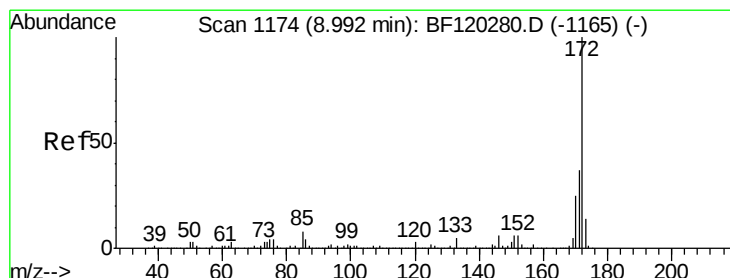
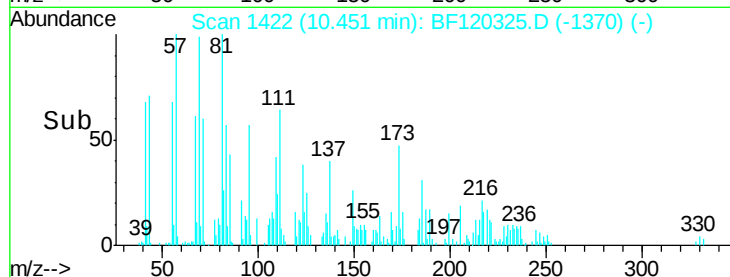
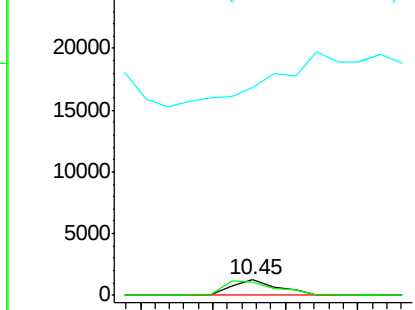
#42
 2,4,6-Tribromophenol
 Concen: 0.289 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF120325.D
 Acq: 15 May 2020 16:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 1099
 Ion Ratio Lower Upper
 330 100
 332 103.5 76.5 114.7
 141 0.0 25.4 38.0#

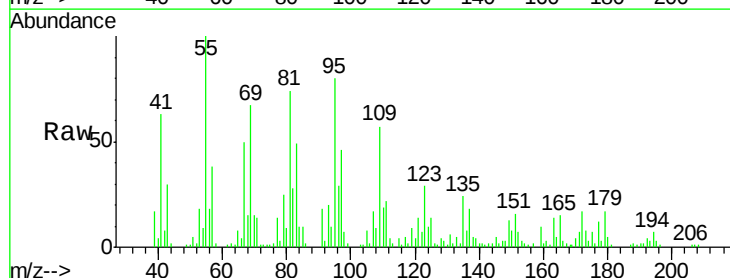


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

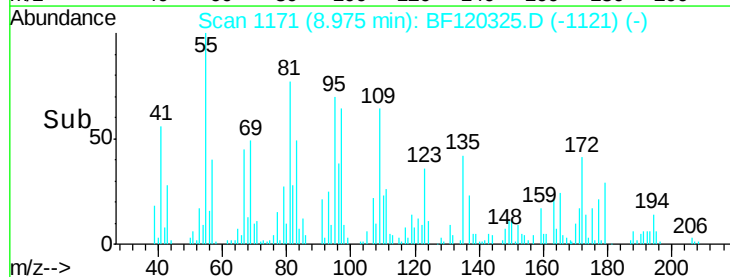
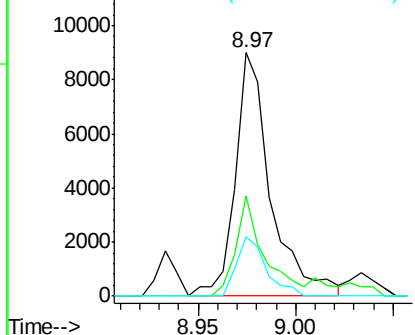


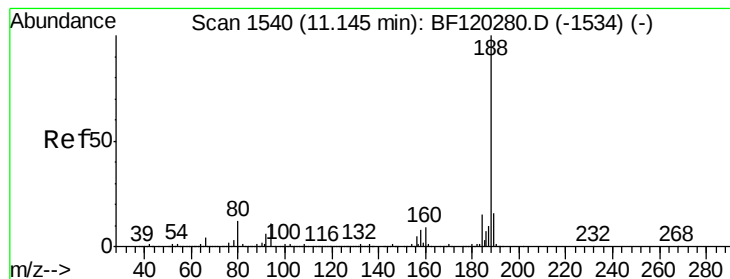
#45
 2-Fluorobiphenyl
 Concen: 0.500 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF120325.D
 Acq: 15 May 2020 16:55

Tgt Ion:172 Resp: 11342
 Ion Ratio Lower Upper
 172 100
 171 41.1 29.7 44.5
 170 24.5 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BF120325.D

Acq: 15 May 2020 16:55

Instrument :

BNA_F

ClientSampled :

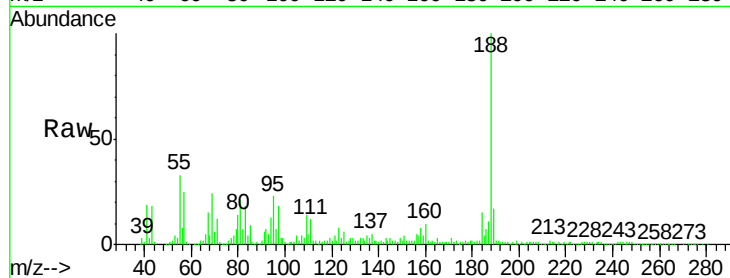
Tot Ion:188 Resp: 827463

Ion Ratio Lower Upper

188 100

94 13.3 8.6 13.0#

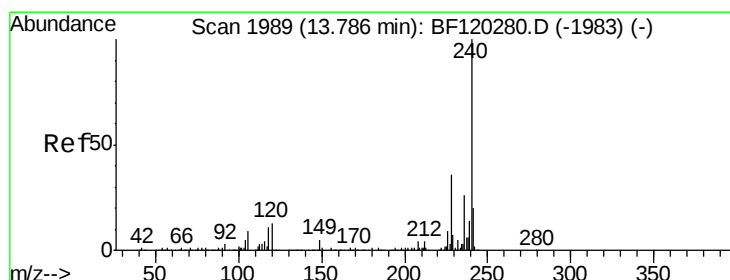
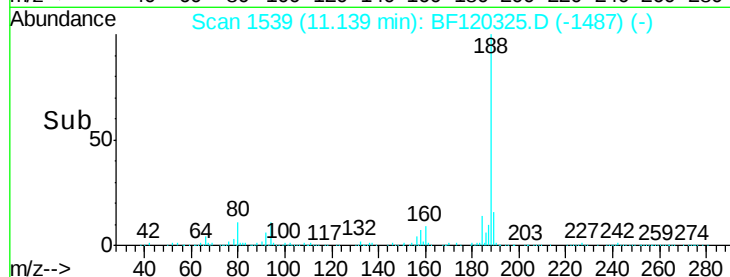
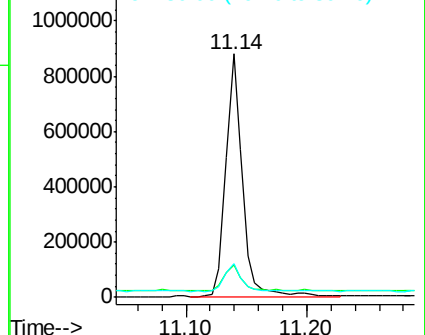
80 13.7 9.2 13.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BF120325.D

Acq: 15 May 2020 16:55

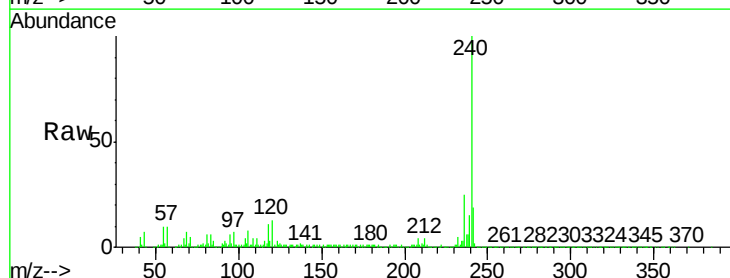
Tgt Ion:240 Resp: 761519

Ion Ratio Lower Upper

240 100

120 12.5 10.4 15.6

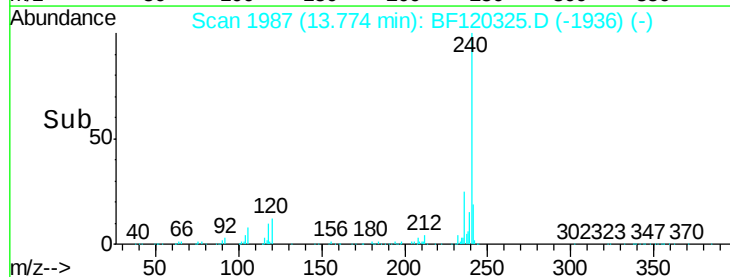
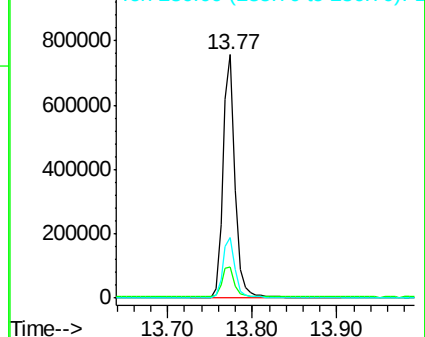
236 25.1 21.0 31.6

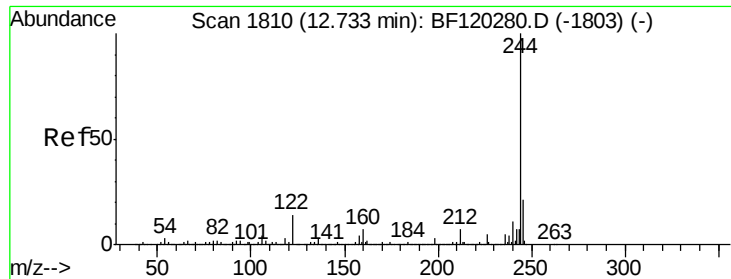


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 0.366 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF120325.D

Acq: 15 May 2020 16:55

Instrument :

BNA_F

ClientSampleId :

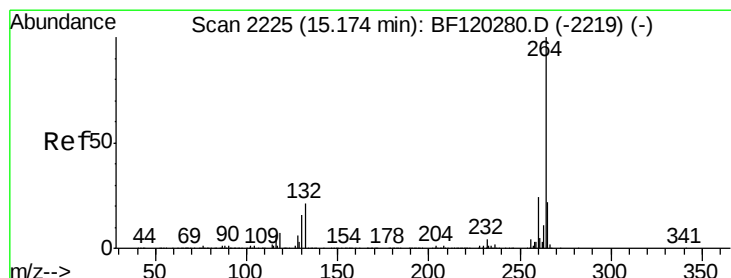
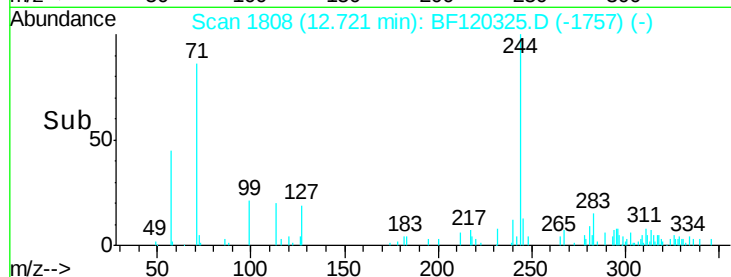
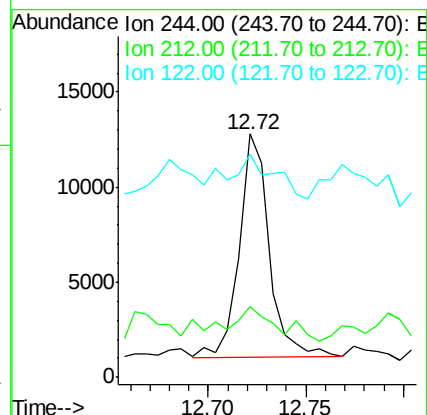
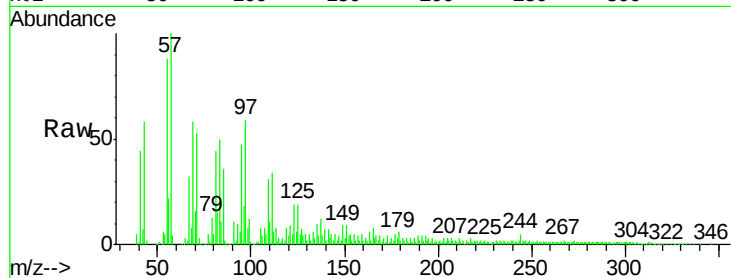
Tot Ion:244 Resp: 12602

Ion Ratio Lower Upper

244 100

212 29.2 5.8 8.6#

122 91.7 10.8 16.2#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.16 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BF120325.D

Acq: 15 May 2020 16:55

Tgt Ion:264 Resp: 625883

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 21.3 17.5 26.3

