

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120716.D
 Acq On : 26 Jun 2020 18:39
 Operator : JU/CG
 Sample : L2811-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620

Quant Time: Jun 27 00:58:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	115640	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	436868	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	276202	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	302630	20.00	ng	-0.01
76) Chrysene-d12	13.95	240	268899	20.00	ng	-0.01
86) Perylene-d12	15.39	264	427553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	787372	116.73	ng	0.00
7) Phenol-d6	6.43	99	889293	105.86	ng	0.00
23) Nitrobenzene-d5	7.36	82	695608	89.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	365512	113.82	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1282247	71.03	ng	-0.01
79) Terphenyl-d14	12.90	244	1231436	101.16	ng	0.00

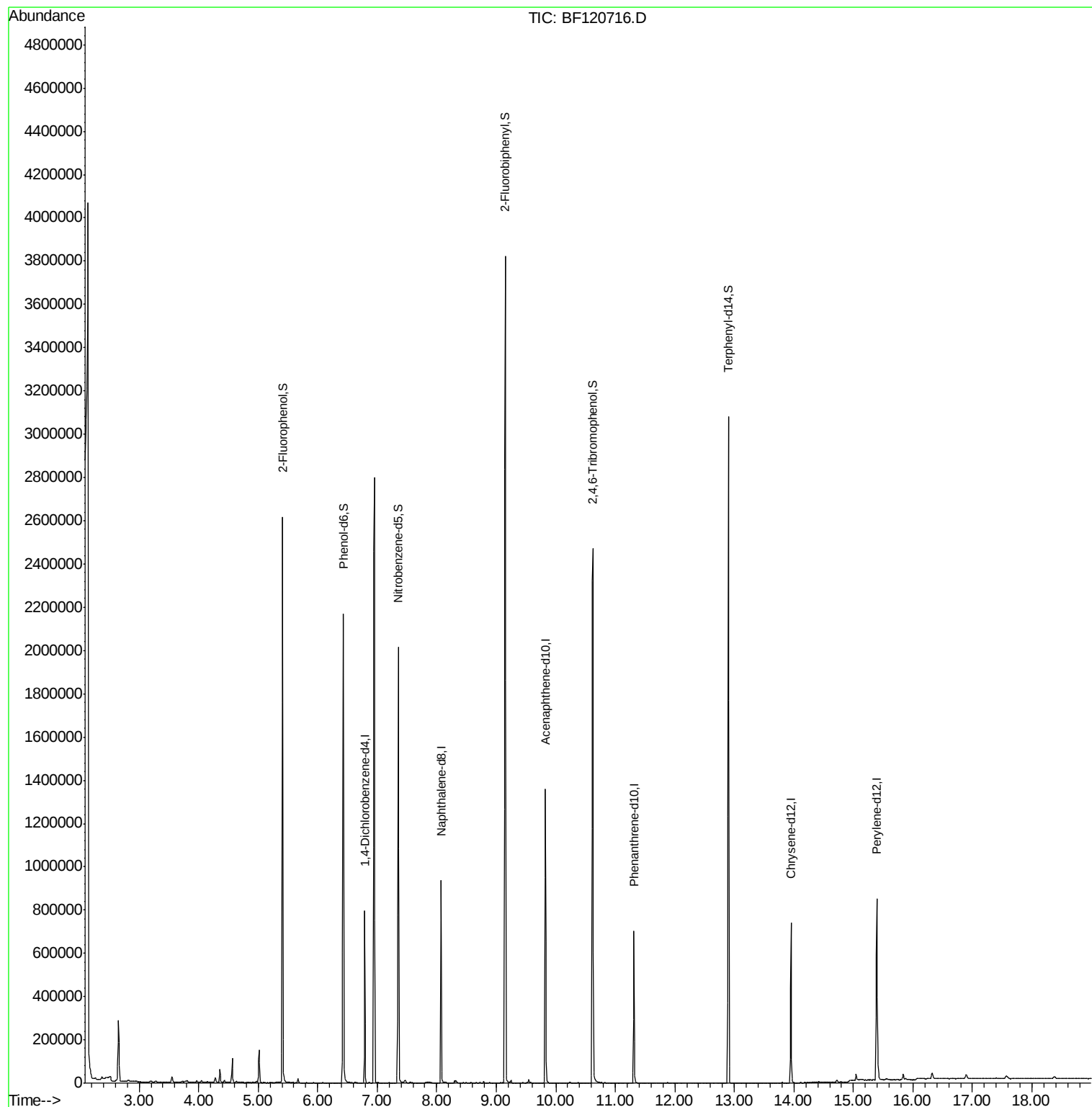
Target Compounds Qvalue

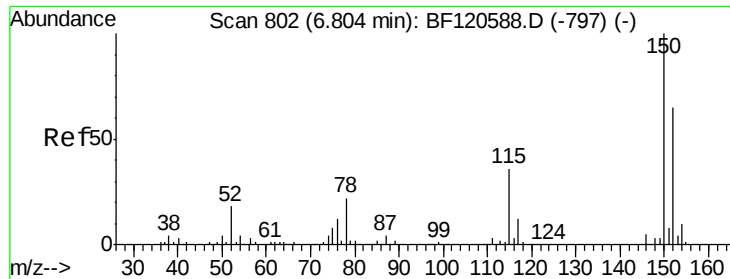
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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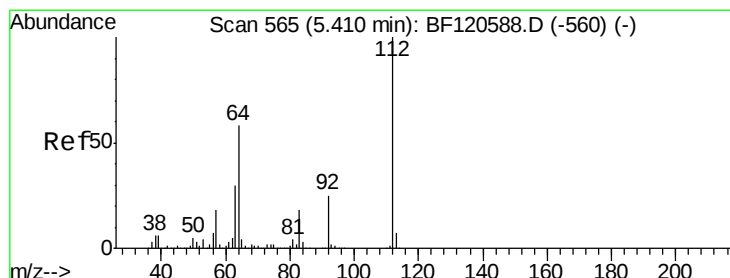
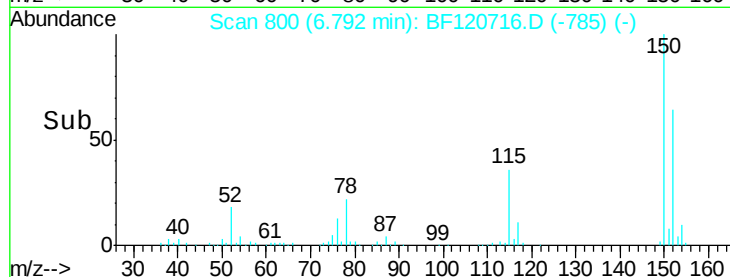
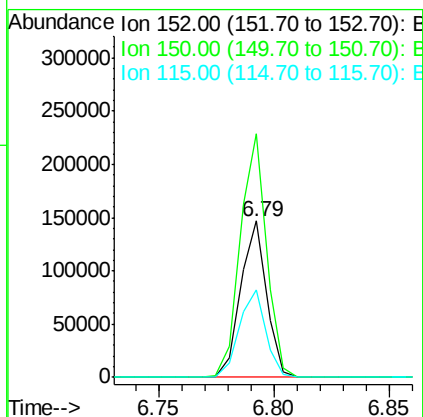
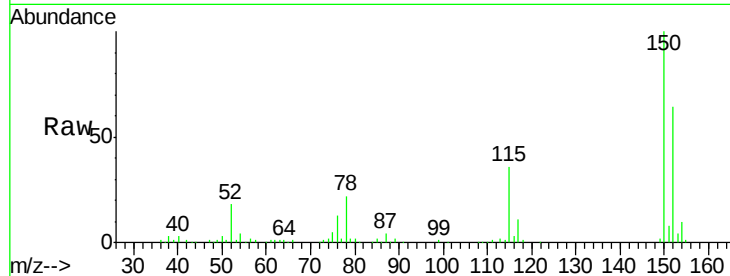


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF120716.D
Acq: 26 Jun 2020 18:39

Instrument :
BNA_F
ClientSampleId :
NB-08-061620

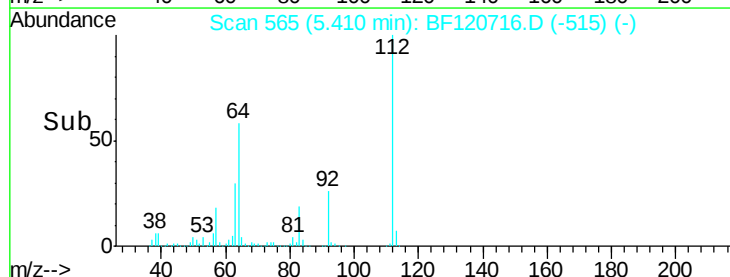
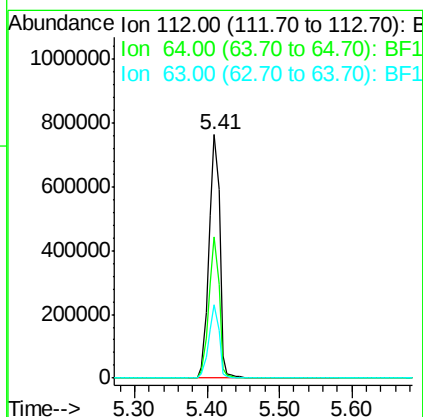
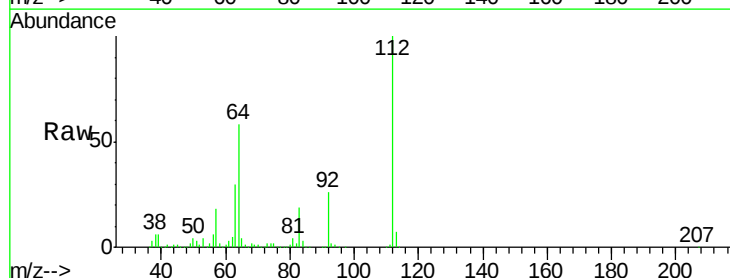
Tot Ion:152 Resp: 115640
Ion Ratio Lower Upper
152 100
150 155.7 123.2 184.8
115 56.2 43.9 65.9

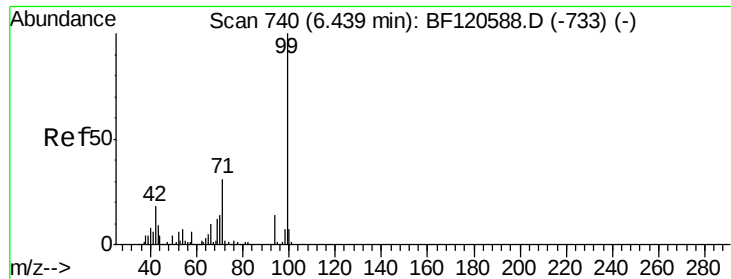


#5

2-Fluorophenol
Concen: 116.734 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120716.D
Acq: 26 Jun 2020 18:39

Tgt Ion:112 Resp: 787372
Ion Ratio Lower Upper
112 100
64 58.1 46.1 69.1
63 29.9 23.7 35.5





#7

Phenol-d6

Concen: 105.857 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120716.D

Acq: 26 Jun 2020 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-061620

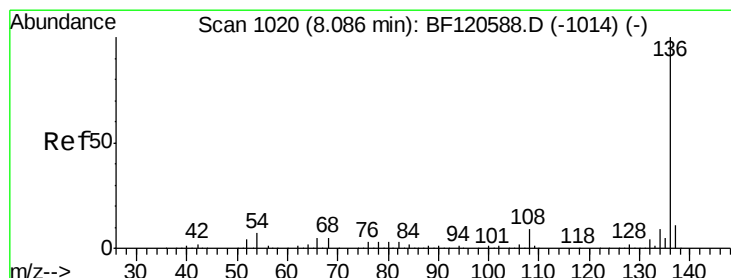
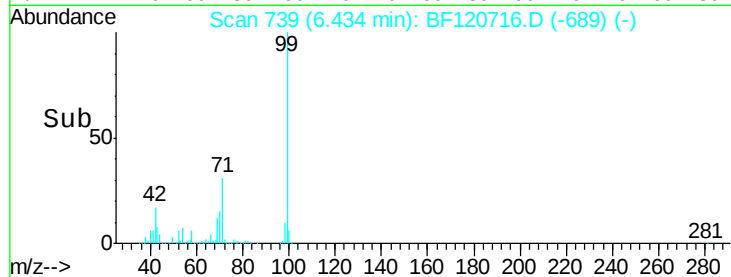
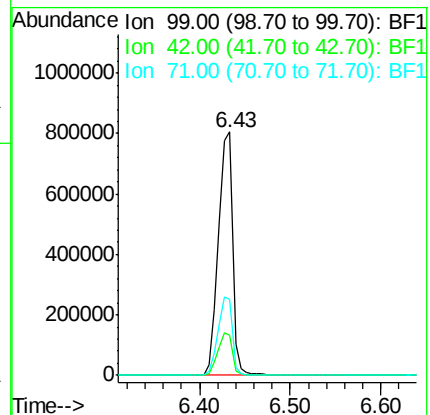
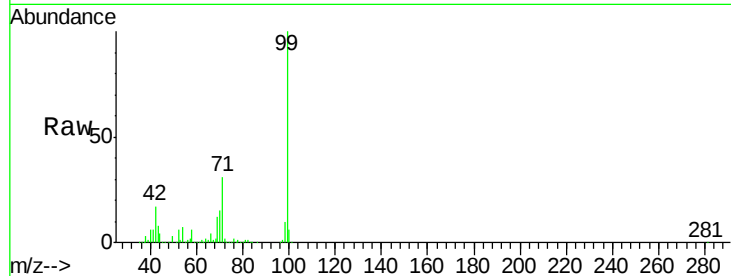
Tot Ion: 99 Resp: 889293

Ion Ratio Lower Upper

99 100

42 16.6 14.0 21.0

71 31.3 24.9 37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF120716.D

Acq: 26 Jun 2020 18:39

Tgt Ion: 136 Resp: 436868

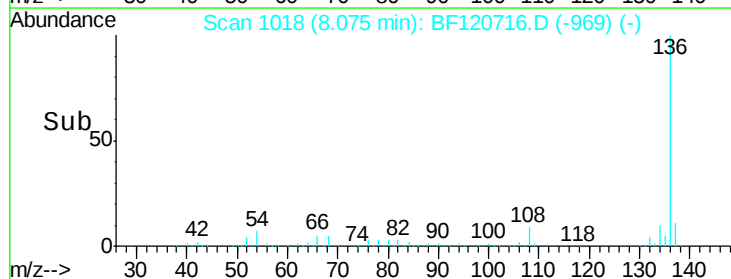
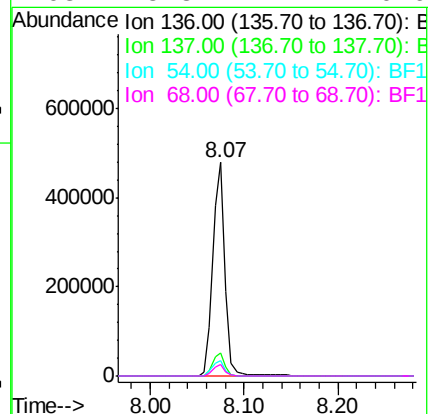
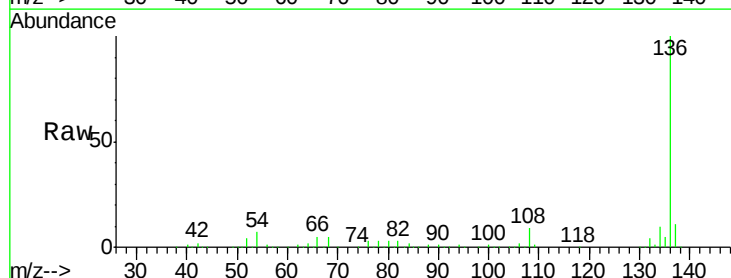
Ion Ratio Lower Upper

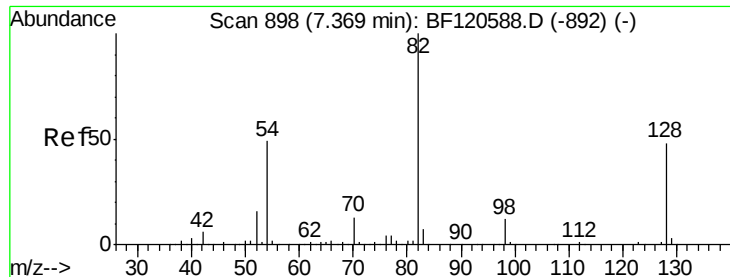
136 100

137 10.7 8.6 13.0

54 7.3 5.8 8.6

68 5.3 4.4 6.6

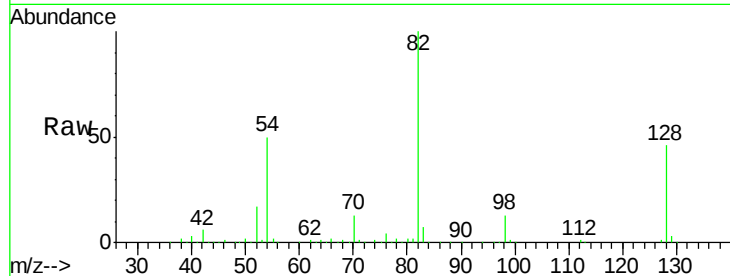




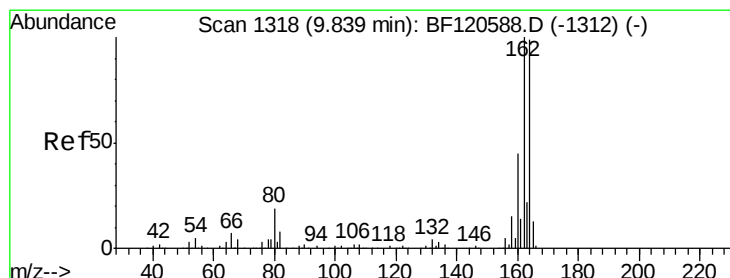
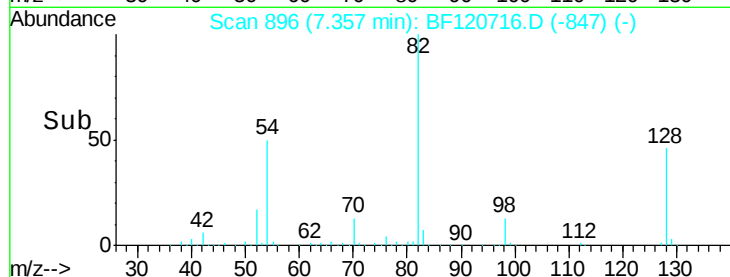
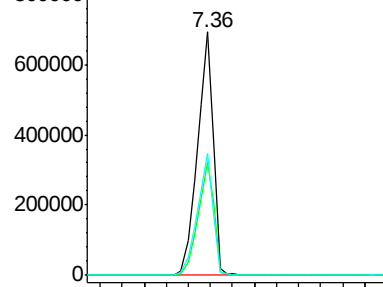
#23
 Nitrobenzene-d5
 Concen: 89.002 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF120716.D
 Acq: 26 Jun 2020 18:39

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620

Tot Ion	82	Resp	695608
Ion Ratio	Lower	Upper	
82	100		
128	46.2	38.0	57.0
54	50.0	38.8	58.2

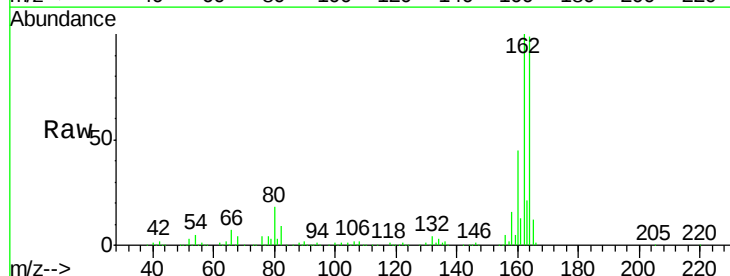


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

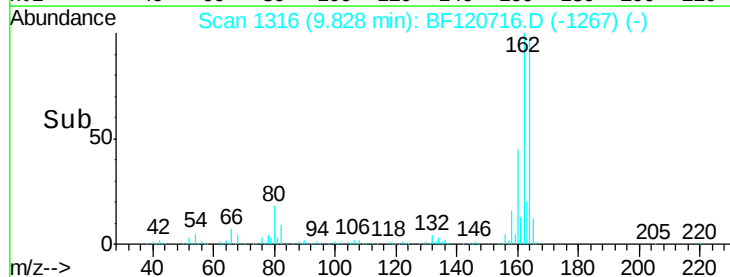
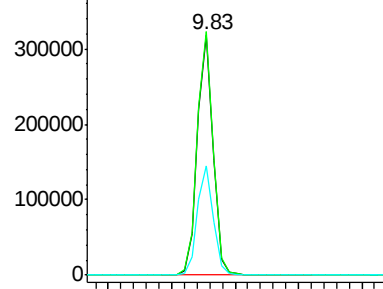


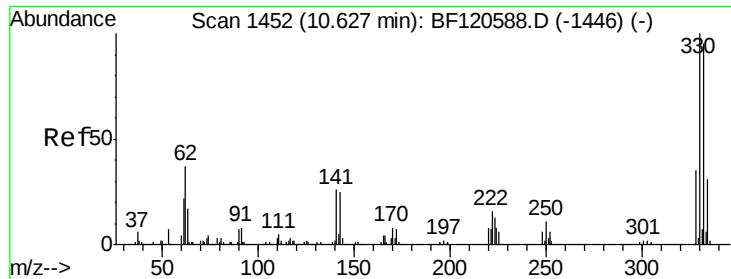
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF120716.D
 Acq: 26 Jun 2020 18:39

Tgt Ion	164	Resp	276202
Ion Ratio	Lower	Upper	
164	100		
162	101.4	80.6	120.8
160	45.5	36.2	54.2



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: 113.823 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF120716.D

Acq: 26 Jun 2020 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-061620

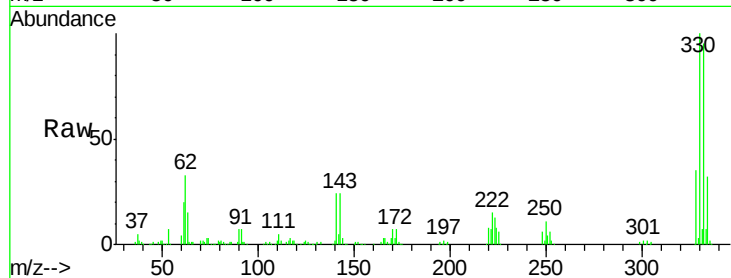
Tot Ion:330 Resp: 365512

Ion Ratio Lower Upper

330 100

332 95.7 76.8 115.2

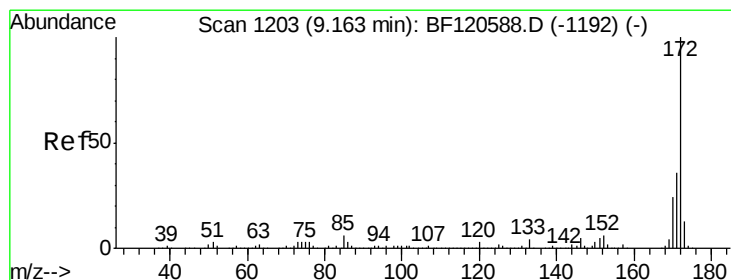
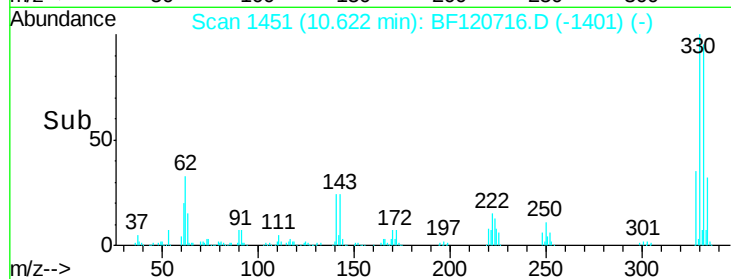
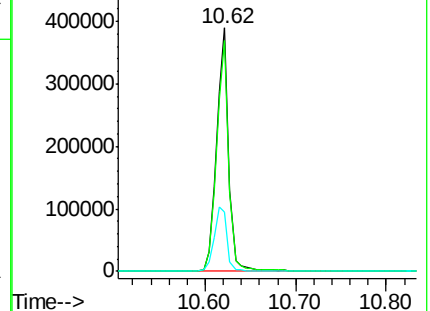
141 28.8 23.2 34.8



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: 71.028 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF120716.D

Acq: 26 Jun 2020 18:39

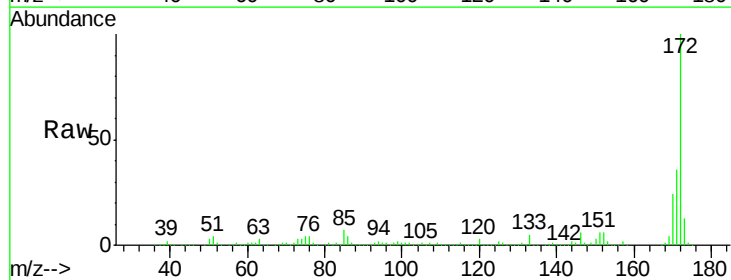
Tgt Ion:172 Resp: 1282247

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.4

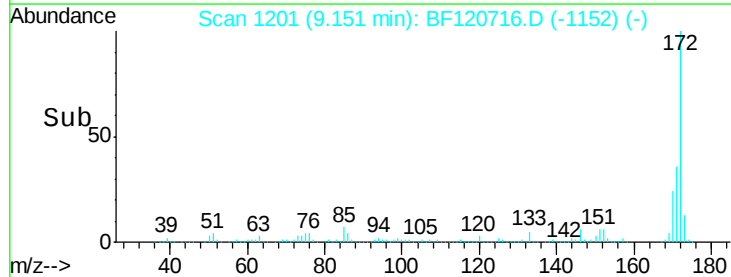
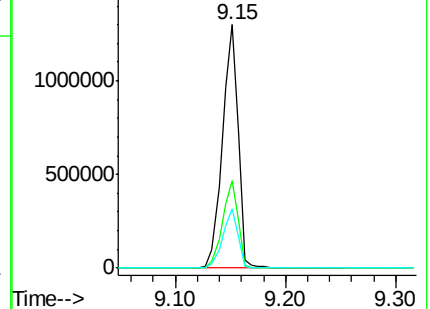
170 24.2 19.4 29.2

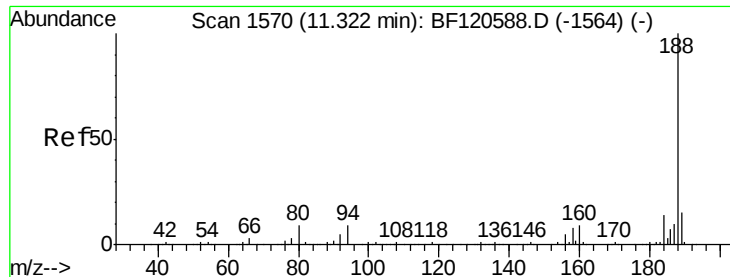


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF120716.D

Acq: 26 Jun 2020 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-061620

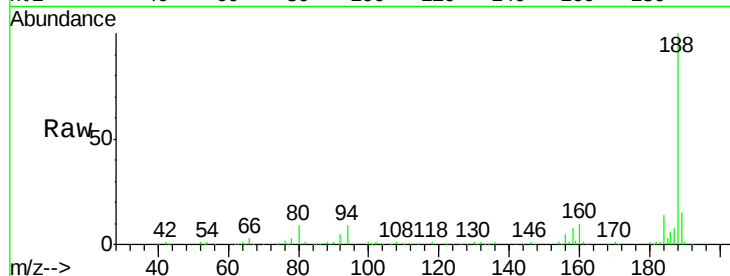
Tot Ion:188 Resp: 302630

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

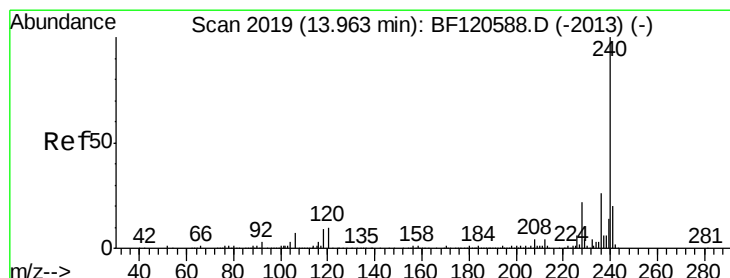
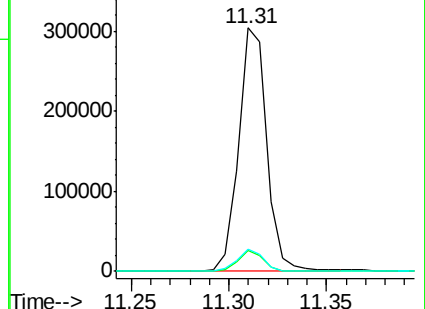
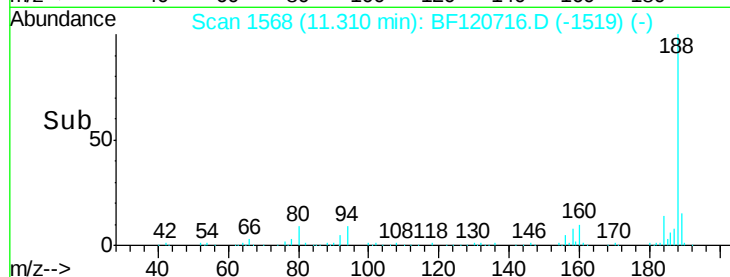
80 9.1 7.4 11.2



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: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF120716.D

Acq: 26 Jun 2020 18:39

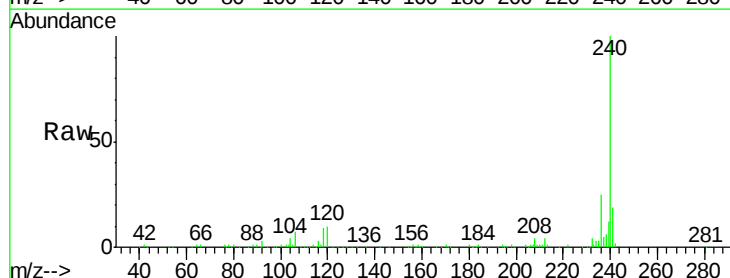
Tgt Ion:240 Resp: 268899

Ion Ratio Lower Upper

240 100

120 9.9 8.3 12.5

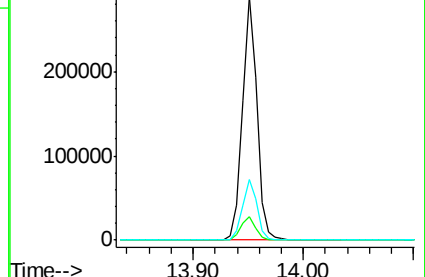
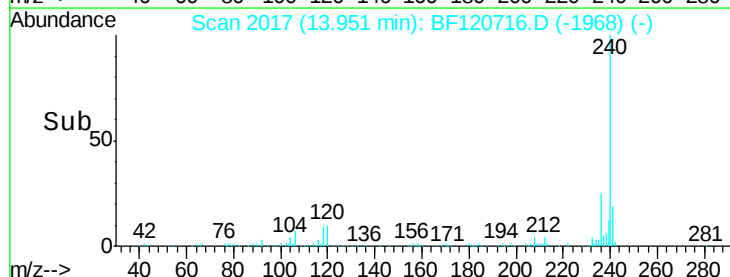
236 25.0 21.0 31.4

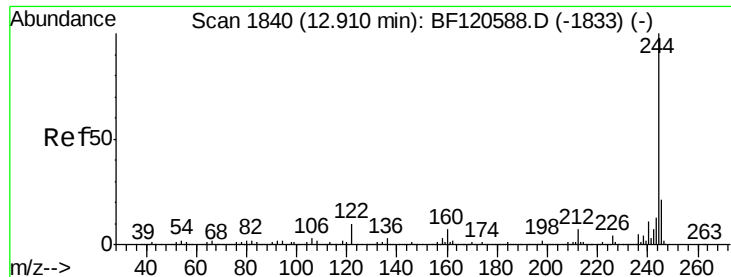


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.157 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120716.D

Acq: 26 Jun 2020 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-061620

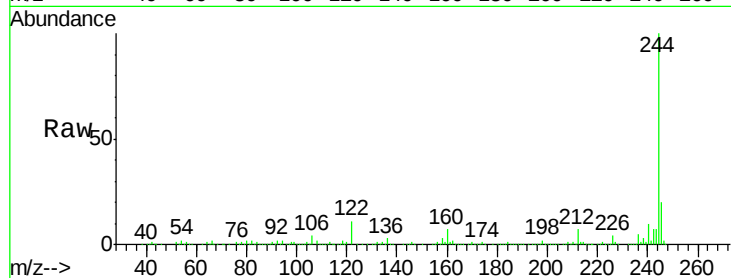
Tot Ion:244 Resp: 1231436

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

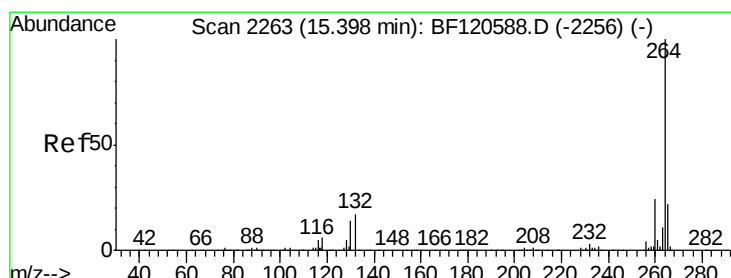
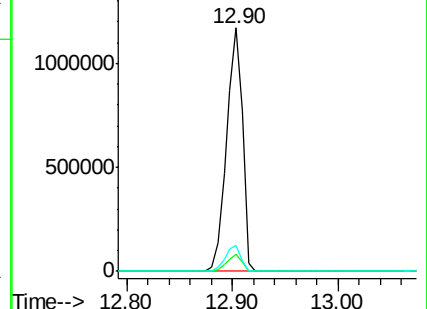
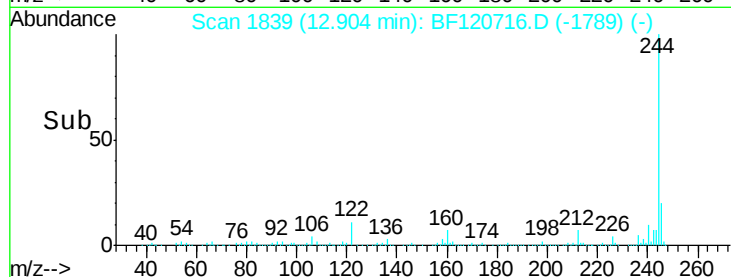
122 10.9 8.3 12.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF120716.D

Acq: 26 Jun 2020 18:39

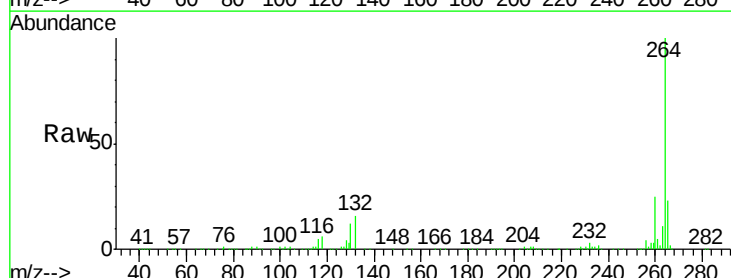
Tgt Ion:264 Resp: 427553

Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 22.7 17.8 26.8



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

