

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120940.D
 Acq On : 20 Jul 2020 18:44
 Operator : JU/CG
 Sample : PB130317TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130317TB

Quant Time: Jul 21 00:46:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	202343	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	795532	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	418953	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	824075	20.00	ng	0.00
76) Chrysene-d12	13.97	240	721269	20.00	ng	0.00
86) Perylene-d12	15.42	264	641908	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1351933	109.53	ng	0.02
7) Phenol-d6	6.45	99	1629509	102.20	ng	0.00
23) Nitrobenzene-d5	7.38	82	1046004	76.08	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	498569	108.72	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1889252	67.33	ng	0.00
79) Terphenyl-d14	12.93	244	1970777	59.40	ng	0.00

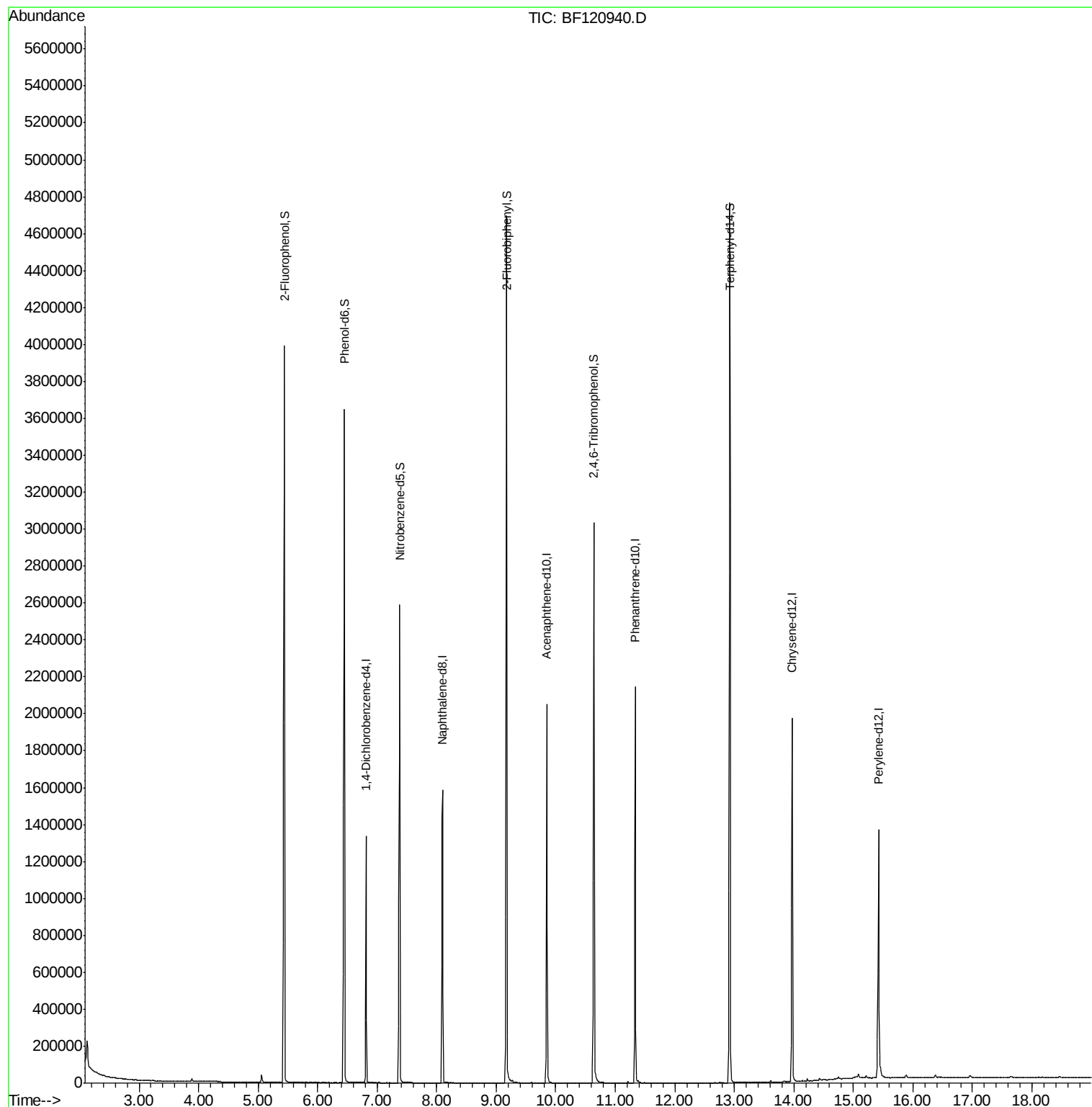
Target Compounds Qvalue

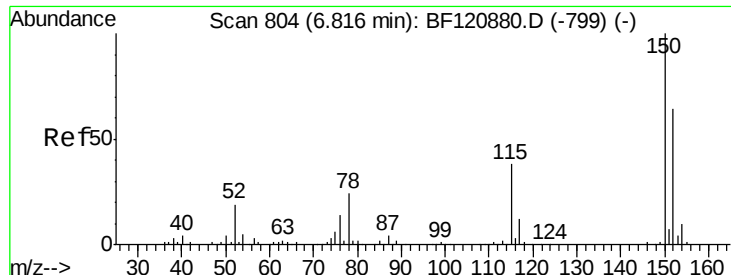
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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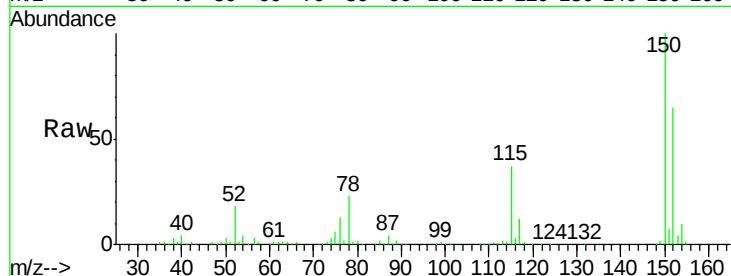


#1

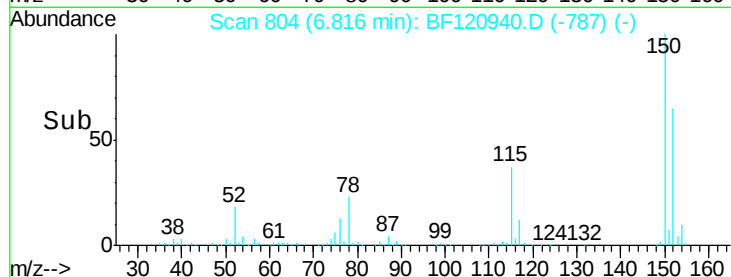
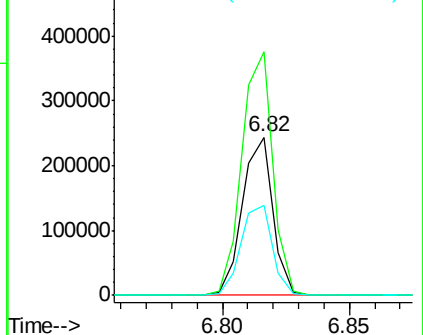
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120940.D
Acq: 20 Jul 2020 18:44

Instrument :
BNA_F
ClientSampleId :
PB130317TB

Tot Ion:152 Resp: 202343
Ion Ratio Lower Upper
152 100
150 154.1 125.0 187.6
115 57.0 47.0 70.4



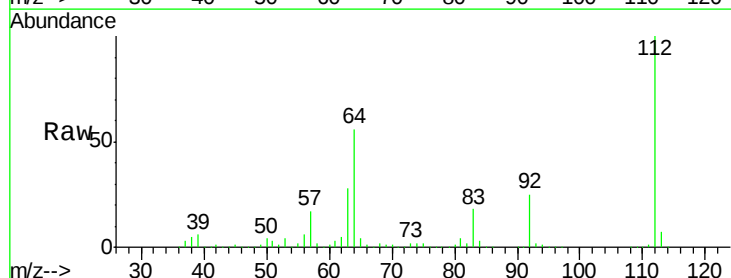
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



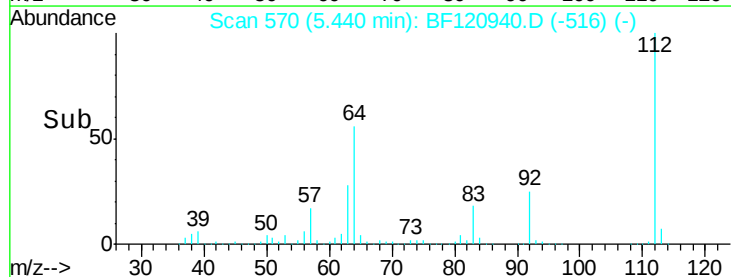
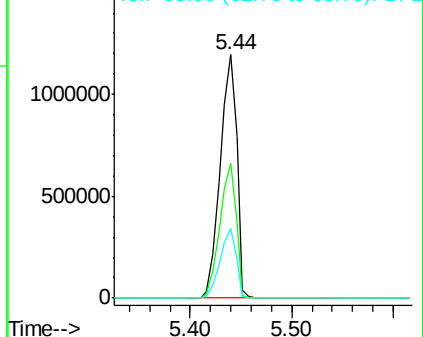
#5

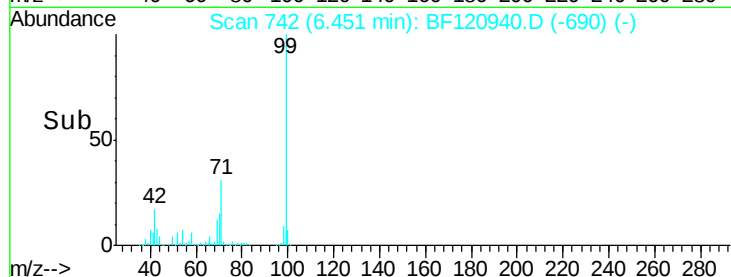
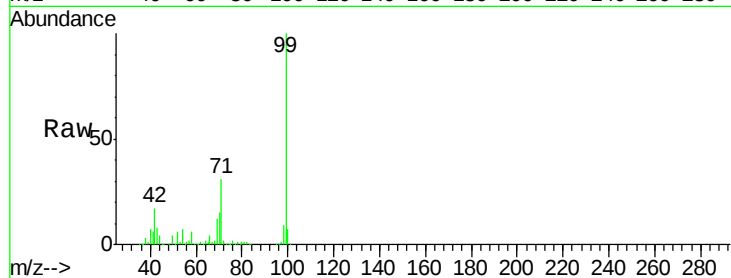
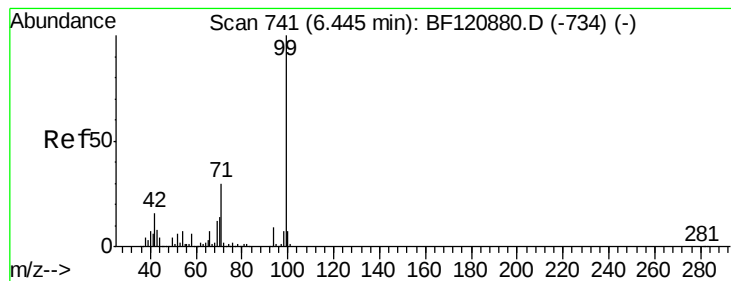
2-Fluorophenol
Concen: 109.532 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF120940.D
Acq: 20 Jul 2020 18:44

Tgt Ion:112 Resp: 1351933
Ion Ratio Lower Upper
112 100
64 55.5 41.3 61.9
63 28.3 21.1 31.7



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: 102.203 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120940.D

Acq: 20 Jul 2020 18:44

Instrument :

BNA_F

ClientSampleId :

PB130317TB

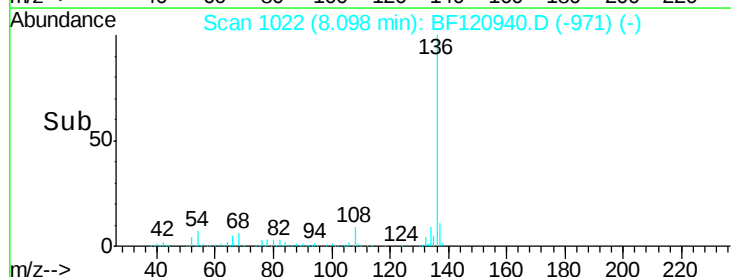
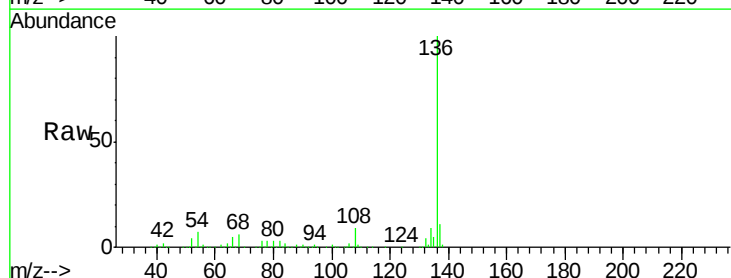
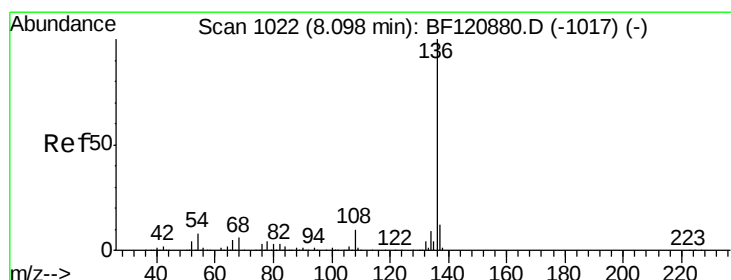
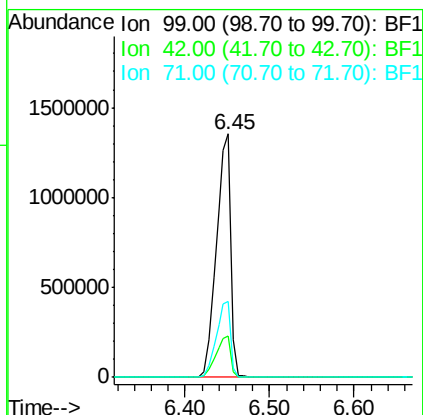
Tot Ion: 99 Resp: 1629509

Ion Ratio Lower Upper

99 100

42 16.8 13.1 19.7

71 31.1 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120940.D

Acq: 20 Jul 2020 18:44

Tgt Ion: 136 Resp: 795532

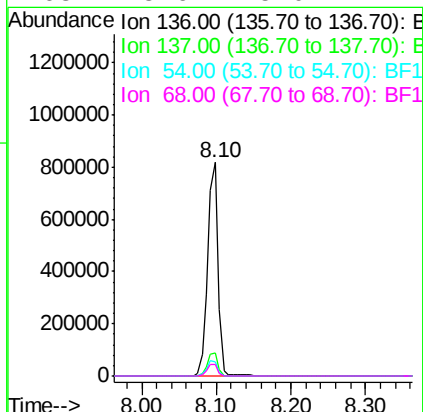
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 6.8 6.3 9.5

68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 76.081 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF120940.D

Acq: 20 Jul 2020 18:44

Instrument :

BNA_F

ClientSampleId :

PB130317TB

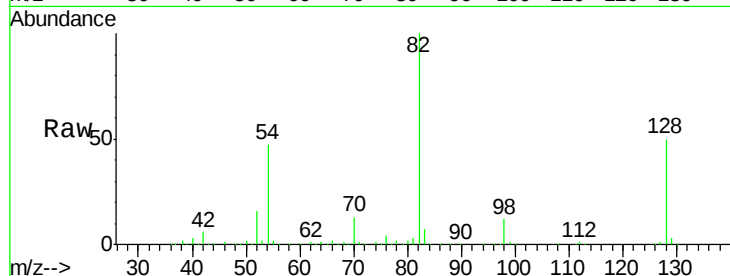
Tot Ion: 82 Resp: 1046004

Ion Ratio Lower Upper

82 100

128 50.5 38.2 57.4

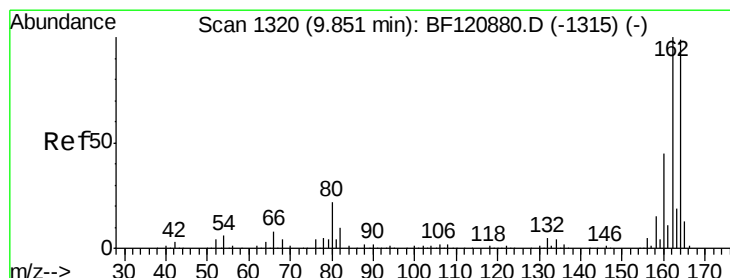
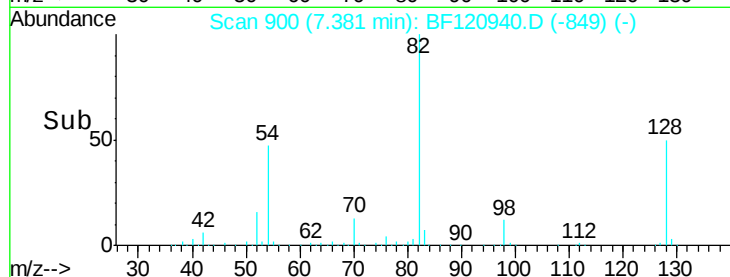
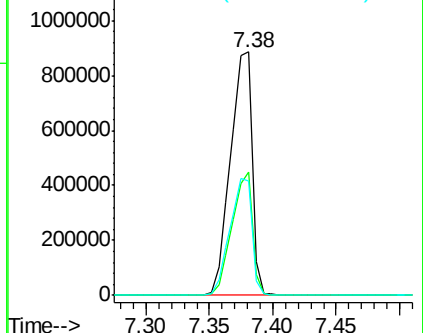
54 47.2 38.7 58.1



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: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120940.D

Acq: 20 Jul 2020 18:44

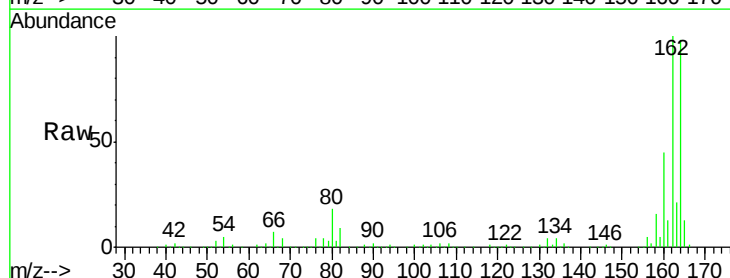
Tgt Ion:164 Resp: 418953

Ion Ratio Lower Upper

164 100

162 102.1 81.2 121.8

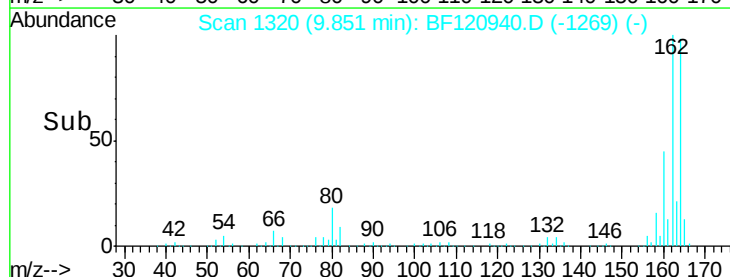
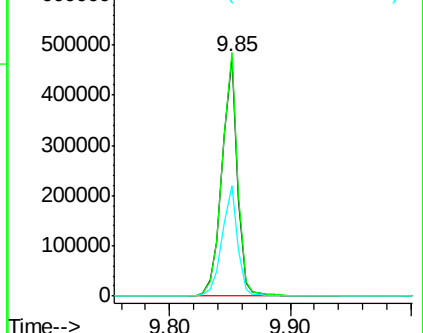
160 46.1 36.9 55.3



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

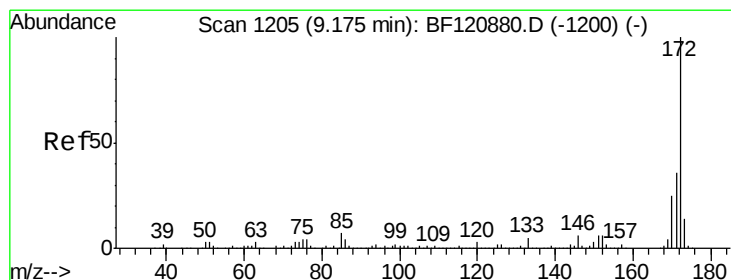
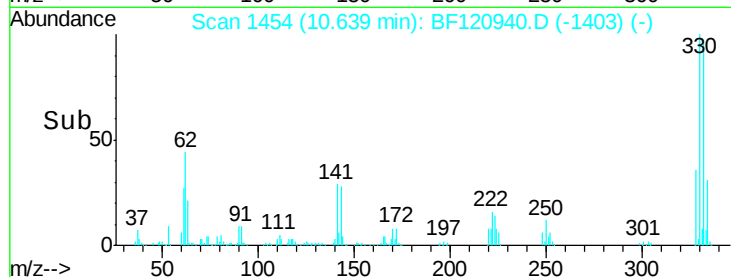
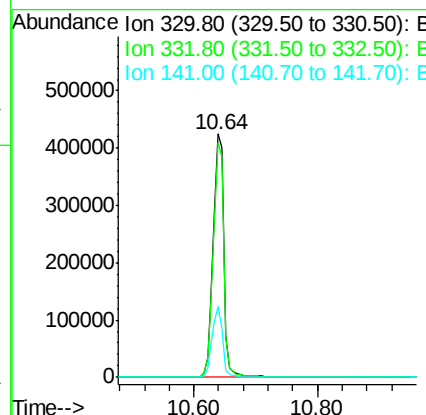
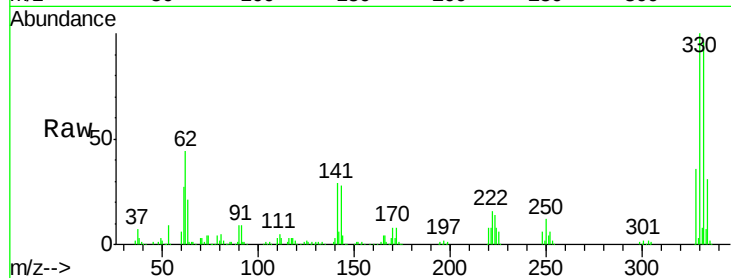




#42
 2,4,6-Tribromophenol
 Concen: 108.719 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120940.D
 Acq: 20 Jul 2020 18:44

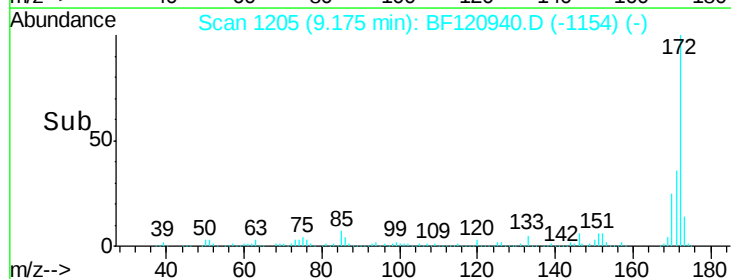
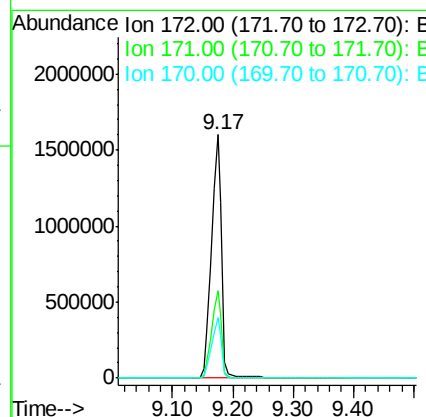
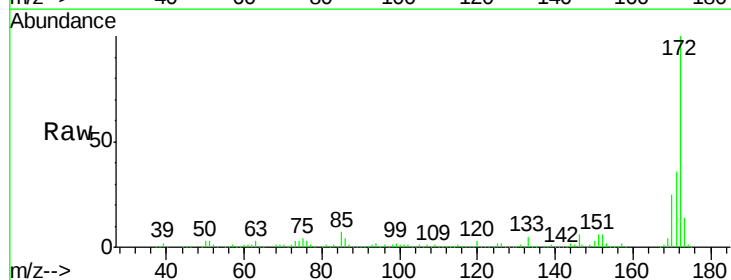
Instrument :
 BNA_F
 ClientSampled :
 PB130317TB

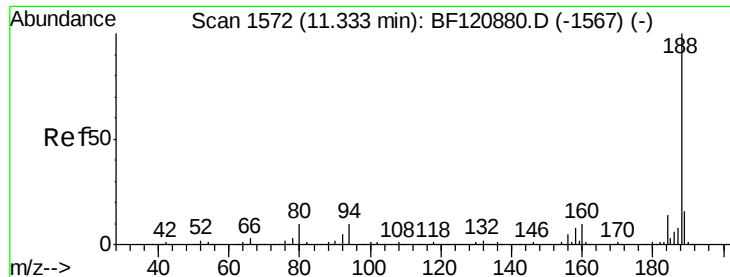
Tot Ion:330 Resp: 498569
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.5 113.3
 141 29.1 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 67.328 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120940.D
 Acq: 20 Jul 2020 18:44

Tgt Ion:172 Resp: 1889252
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.4
 170 24.6 19.6 29.4

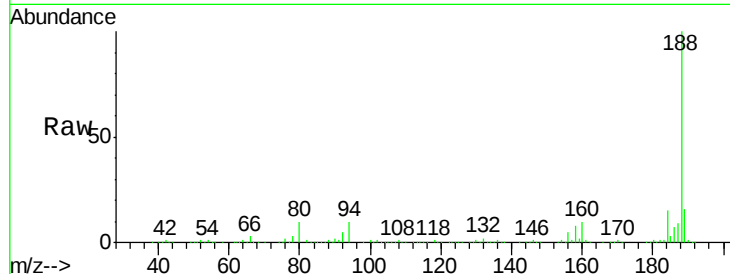




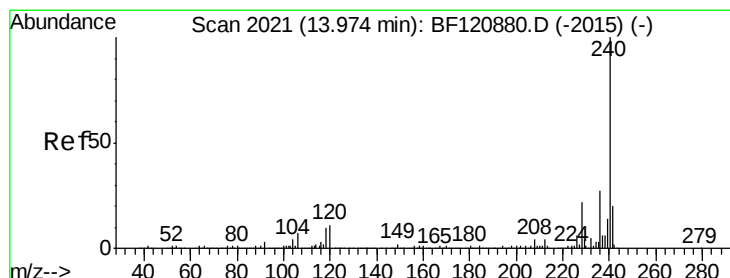
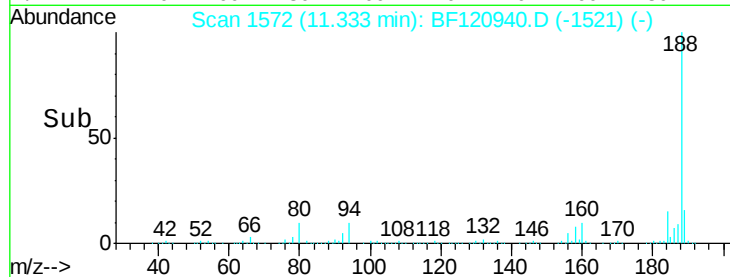
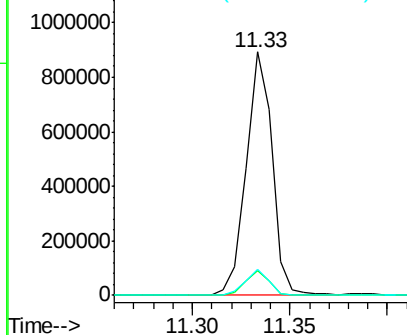
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120940.D
Acq: 20 Jul 2020 18:44

Instrument :
BNA_F
ClientSampleId :
PB130317TB

Tot Ion:188 Resp: 824075
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 10.4 8.3 12.5

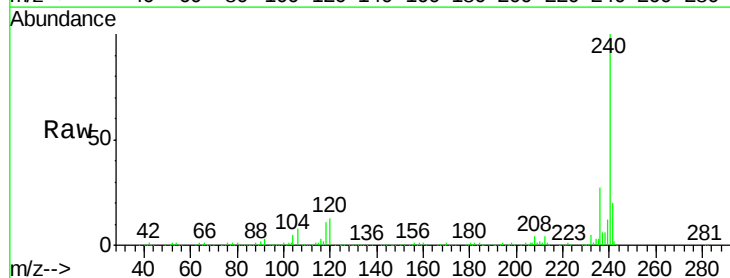


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

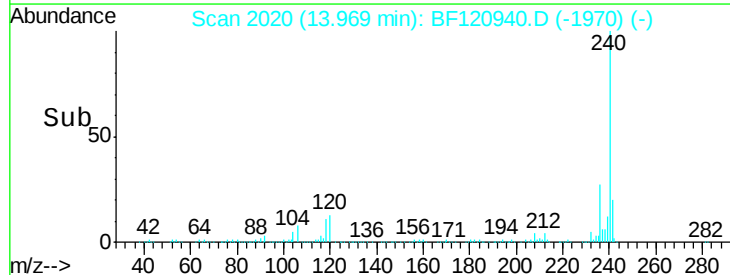
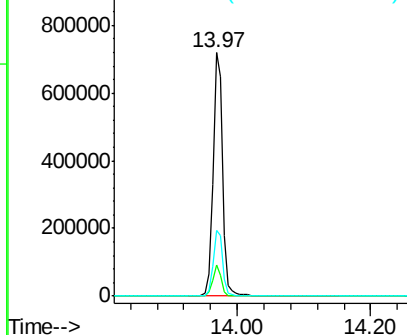


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120940.D
Acq: 20 Jul 2020 18:44

Tgt Ion:240 Resp: 721269
Ion Ratio Lower Upper
240 100
120 12.8 9.0 13.4
236 26.9 21.7 32.5



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

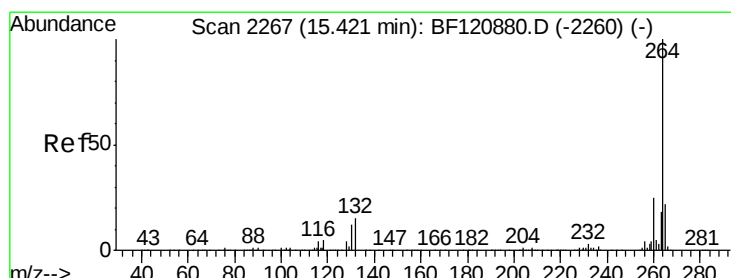
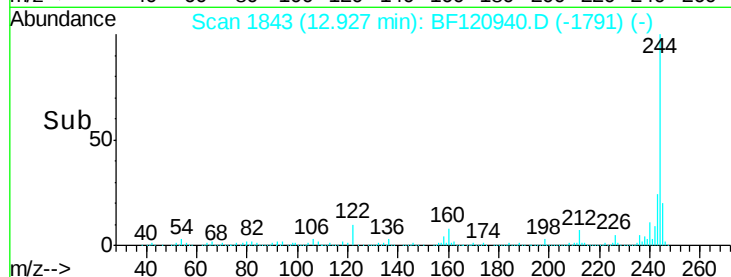
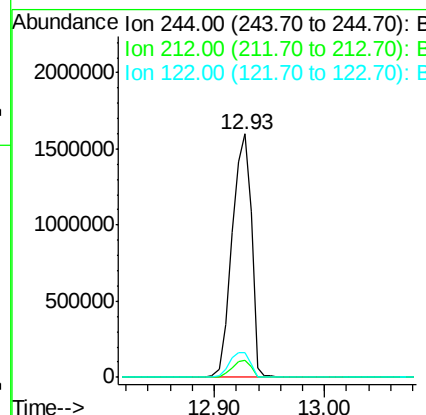
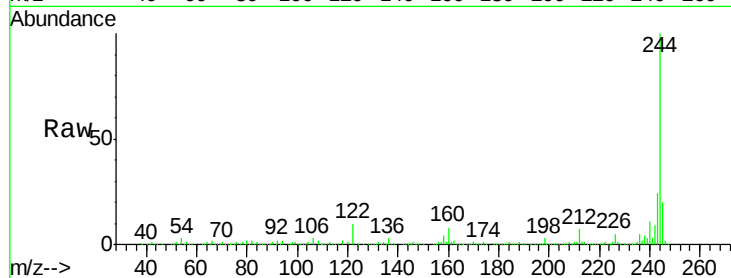




#79
 Terphenyl-d14
 Concen: 59.396 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF120940.D
 Acq: 20 Jul 2020 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB130317TB

Tot Ion:244 Resp: 1970777
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.3 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BF120940.D
 Acq: 20 Jul 2020 18:44

Tgt Ion:264 Resp: 641908
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.0 30.0
 265 21.8 17.4 26.2

