

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
 Data File : BF121842.D
 Acq On : 6 Oct 2020 9:33
 Operator : JU/CG
 Sample : PB132042BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132042BL

Quant Time: Oct 06 12:00:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	140952	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	556342	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	290626	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	562276	20.00	ng	0.00
76) Chrysene-d12	13.92	240	499640	20.00	ng	-0.01
86) Perylene-d12	15.36	264	458295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1037759	109.42	ng	0.01
7) Phenol-d6	6.41	99	1324036	106.41	ng	0.00
23) Nitrobenzene-d5	7.33	82	940197	90.74	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	427927	118.47	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1599566	83.36	ng	-0.01
79) Terphenyl-d14	12.87	244	1805709	73.22	ng	0.00

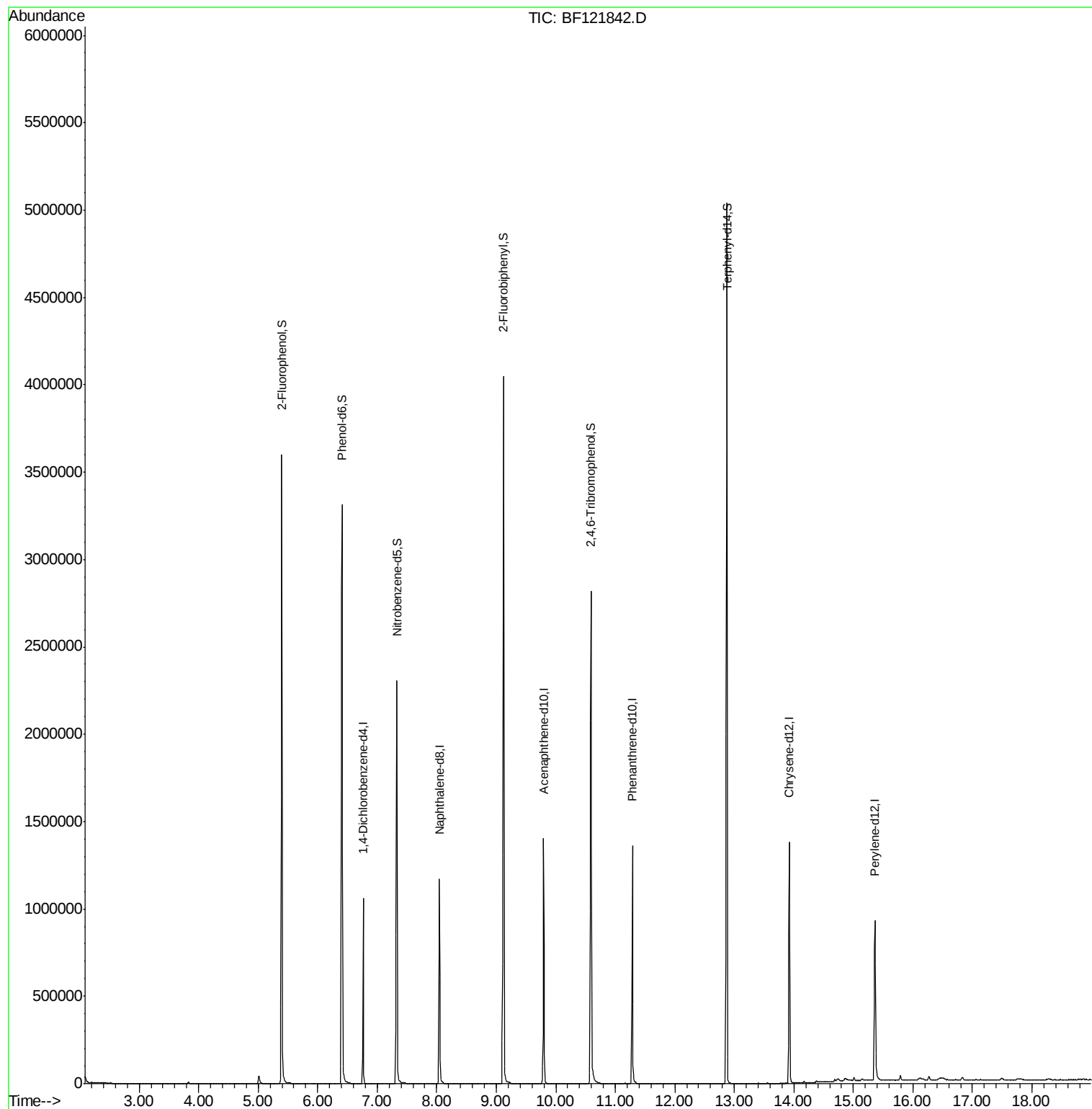
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF121842.D

Acq: 6 Oct 2020 9:33

Instrument :

BNA_F

ClientSampleId :

PB132042BL

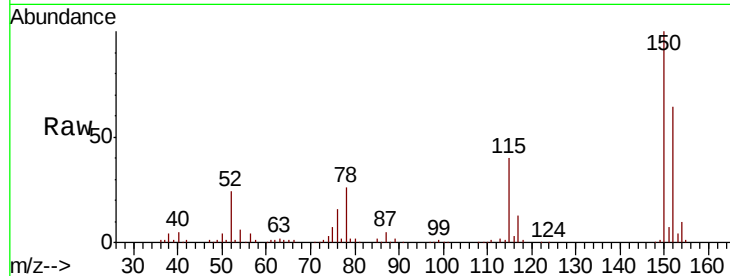
Tot Ion:152 Resp: 140952

Ion Ratio Lower Upper

152 100

150 156.4 125.3 187.9

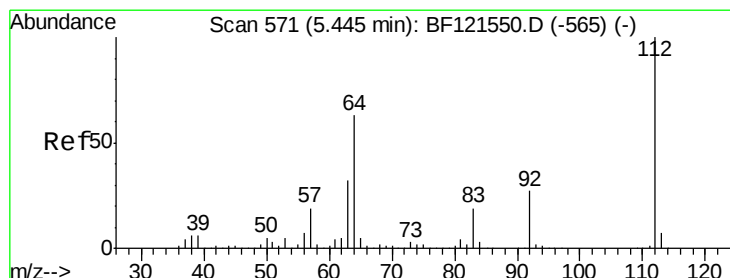
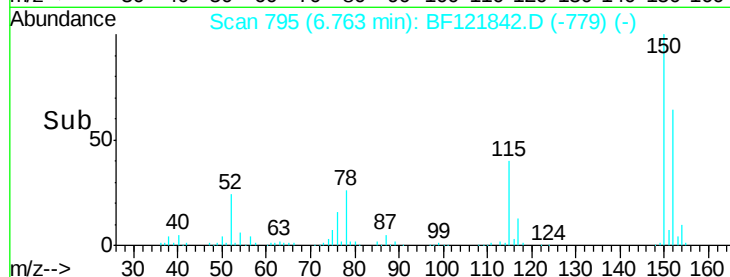
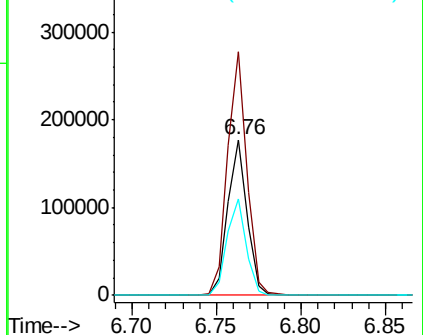
115 61.9 51.9 77.9



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: 109.416 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF121842.D

Acq: 6 Oct 2020 9:33

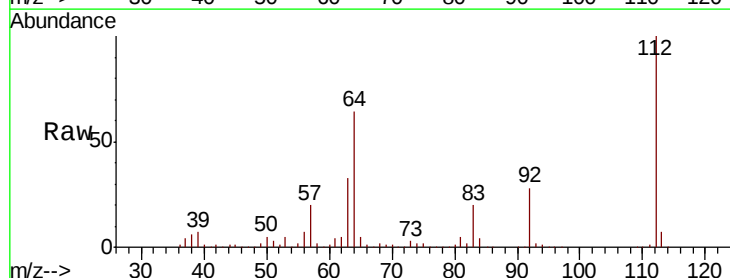
Tgt Ion:112 Resp: 1037759

Ion Ratio Lower Upper

112 100

64 63.8 50.4 75.6

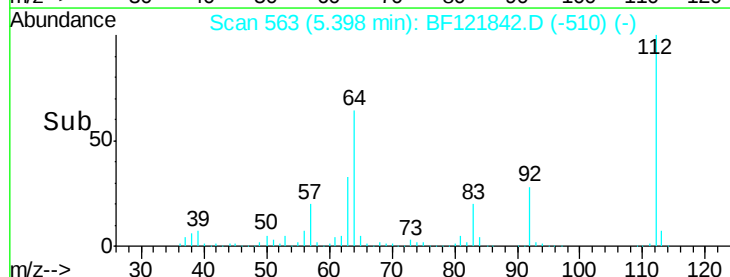
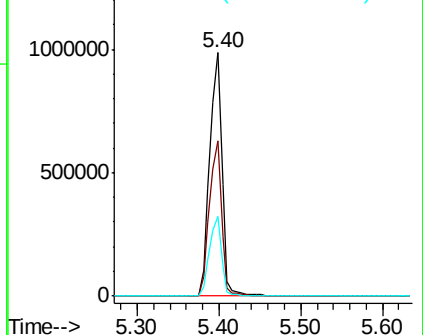
63 32.5 25.8 38.6



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: 106.407 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121842.D

Acq: 6 Oct 2020 9:33

Instrument :

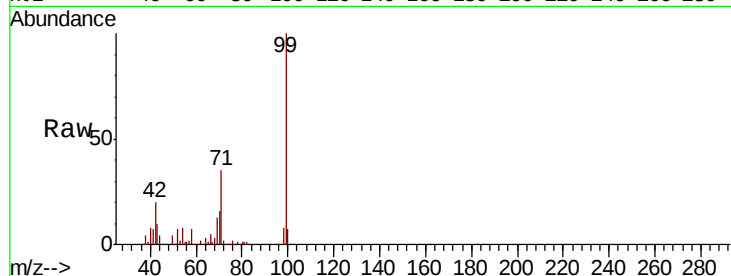
BNA_F

ClientSampleId :

PB132042BL

Tot Ion: 99 Resp: 1324036

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.9	23.9
71	35.1	27.1	40.7

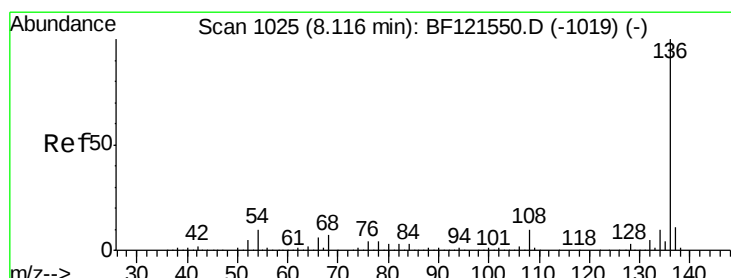
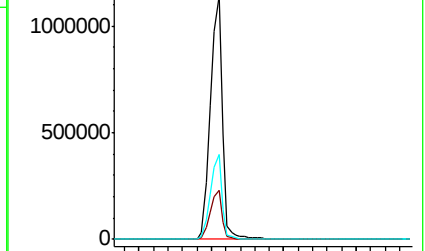
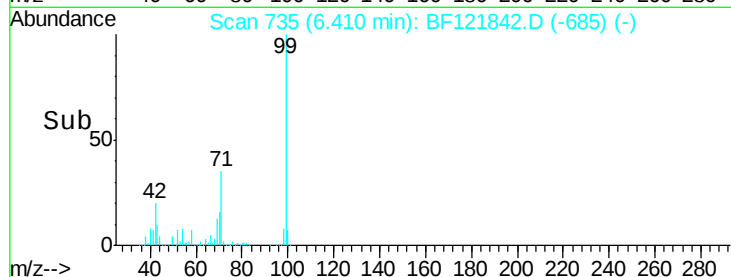


Abundance

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: 8.05 min Scan# 1013

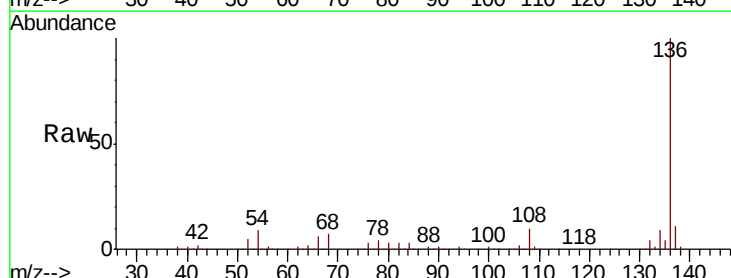
Delta R.T. -0.01 min

Lab File: BF121842.D

Acq: 6 Oct 2020 9:33

Tgt Ion: 136 Resp: 556342

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.1	7.1	10.7
68	6.6	5.0	7.4



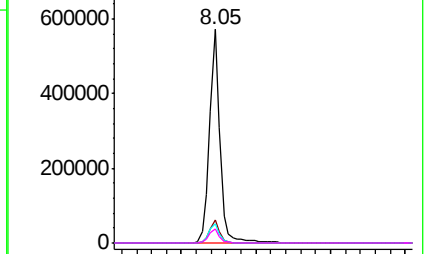
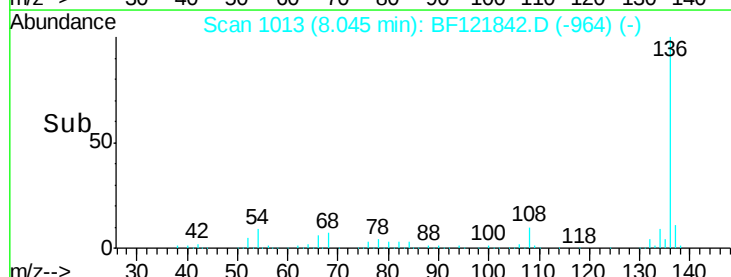
Abundance

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

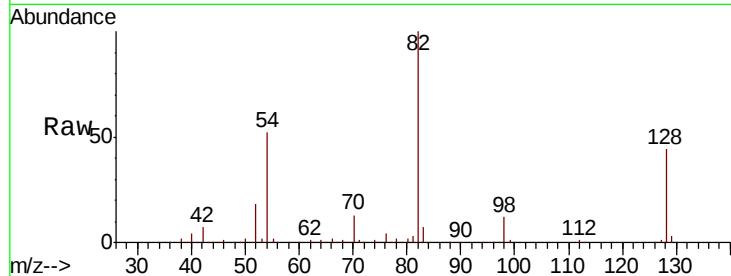




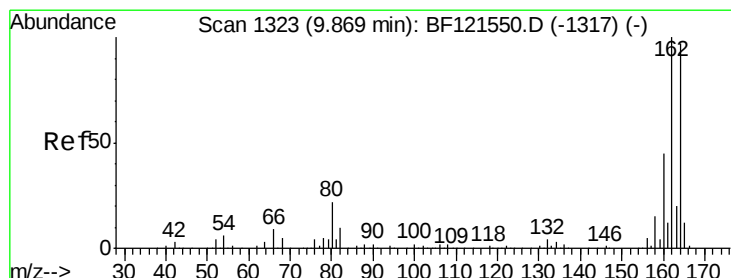
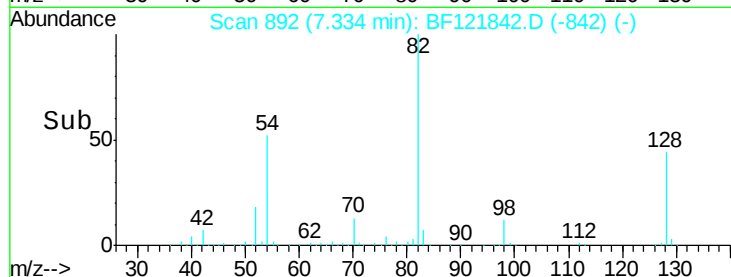
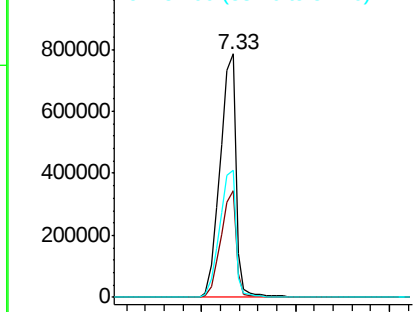
#23
 Nitrobenzene-d5
 Concen: 90.737 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF121842.D
 Acq: 6 Oct 2020 9:33

Instrument :
 BNA_F
 ClientSampleId :
 PB132042BL

Tot Ion	82	Resp	940197
Ion Ratio	Lower	Upper	
82	100		
128	44.0	35.0	52.4
54	52.0	43.9	65.9

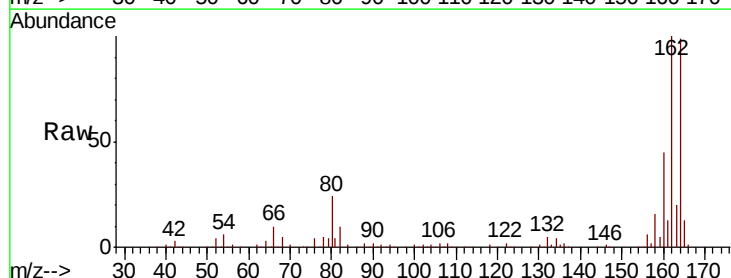


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

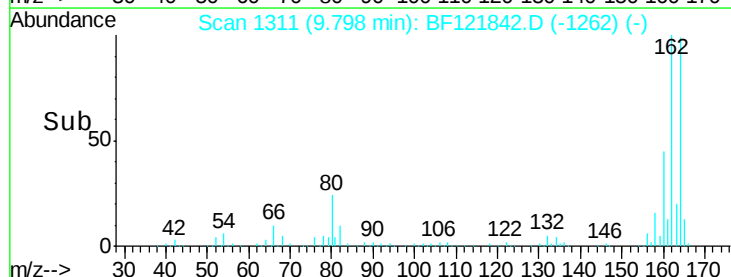
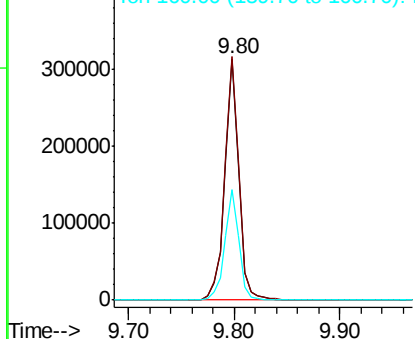


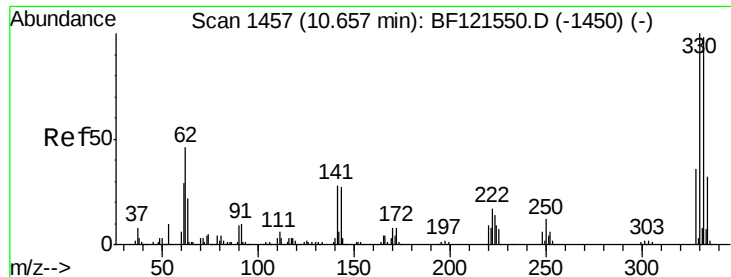
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF121842.D
 Acq: 6 Oct 2020 9:33

Tgt Ion	164	Resp	290626
Ion Ratio	Lower	Upper	
164	100		
162	100.9	83.2	124.8
160	45.9	37.5	56.3



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: 118.471 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF121842.D

Acq: 6 Oct 2020 9:33

Instrument :

BNA_F

ClientSampled :

PB132042BL

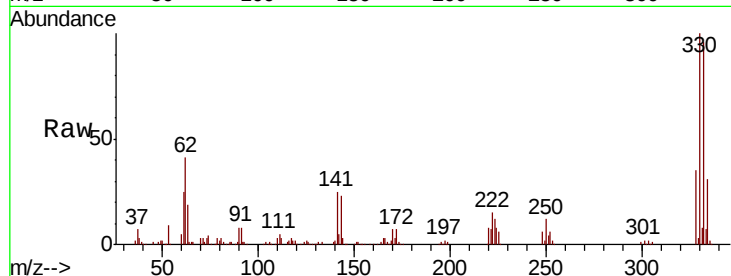
Tot Ion:330 Resp: 427927

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

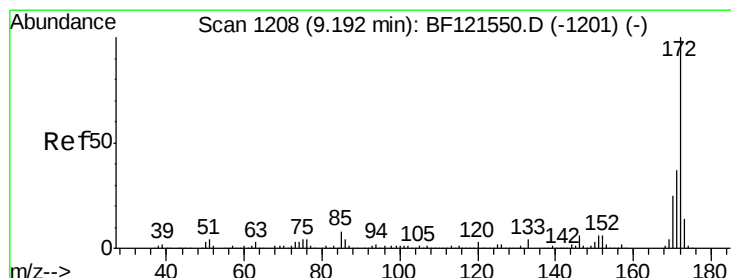
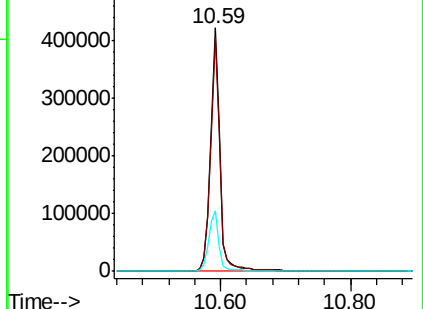
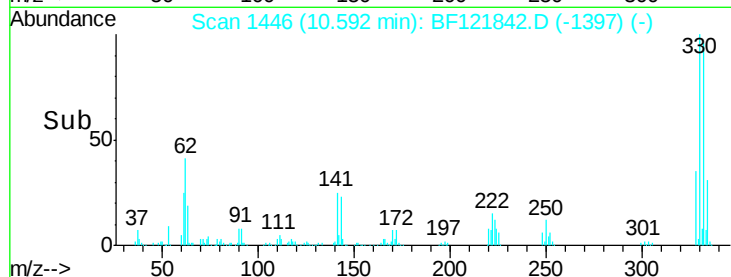
141 27.8 22.3 33.5



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: 83.358 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF121842.D

Acq: 6 Oct 2020 9:33

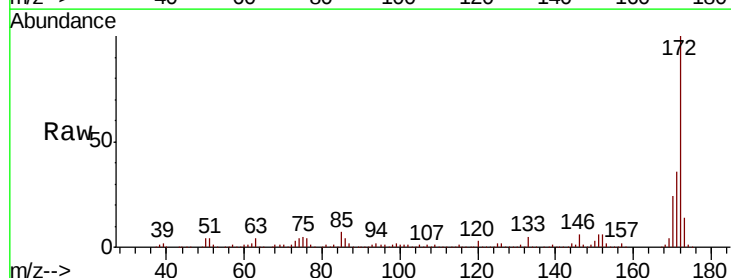
Tgt Ion:172 Resp: 1599566

Ion Ratio Lower Upper

172 100

171 36.2 29.1 43.7

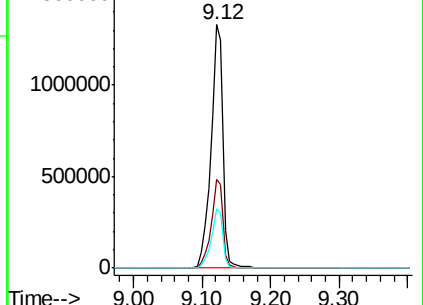
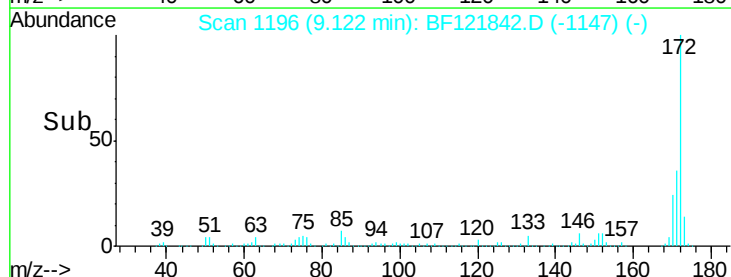
170 24.4 19.8 29.6

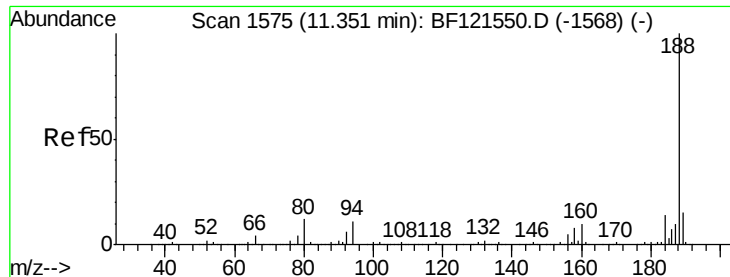


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

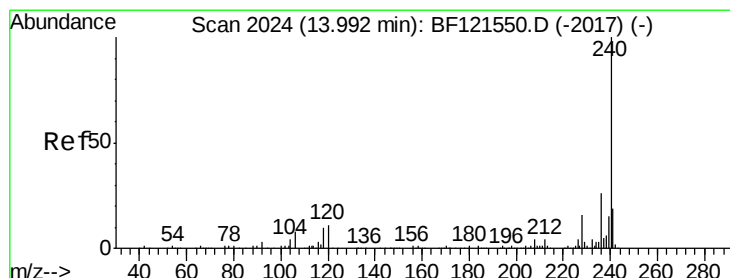
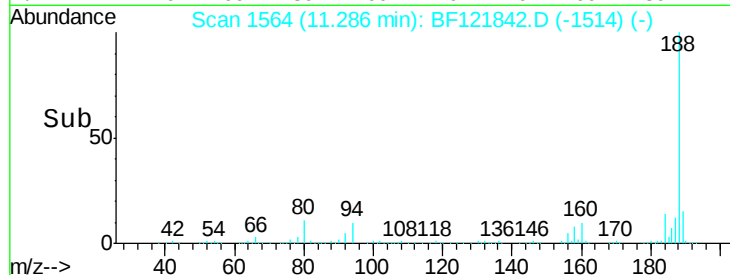
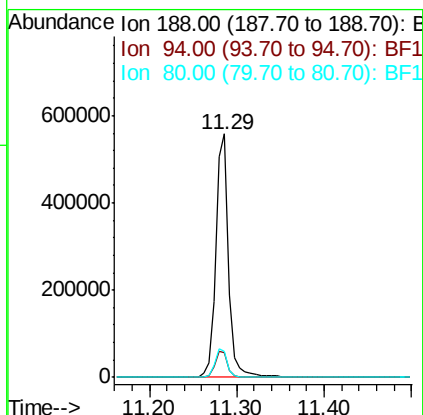
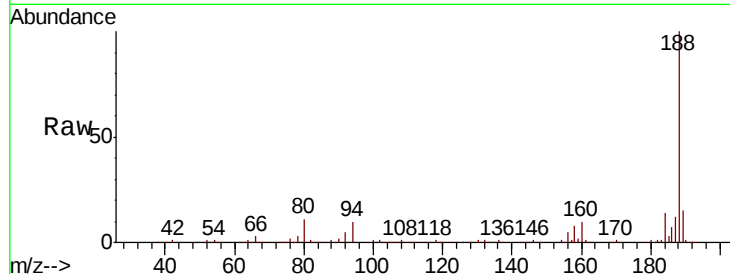




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121842.D
Acq: 6 Oct 2020 9:33

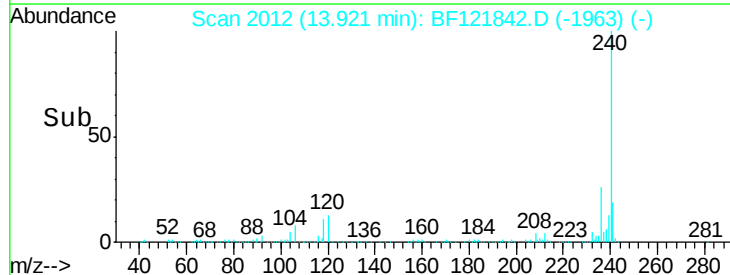
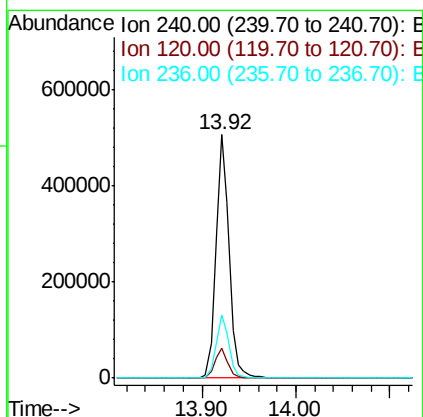
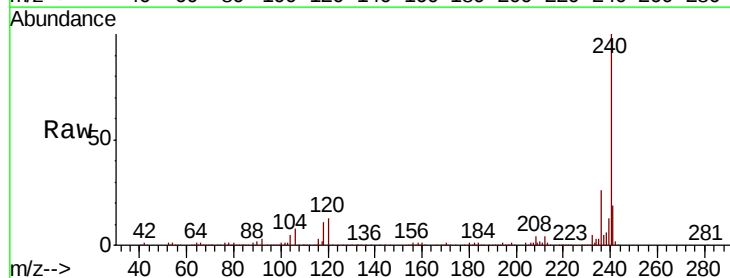
Instrument :
BNA_F
ClientSampleId :
PB132042BL

Tot Ion:188 Resp: 562276
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.5 9.1 13.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121842.D
Acq: 6 Oct 2020 9:33

Tgt Ion:240 Resp: 499640
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 73.217 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121842.D

Acq: 6 Oct 2020 9:33

Instrument :

BNA_F

ClientSampleId :

PB132042BL

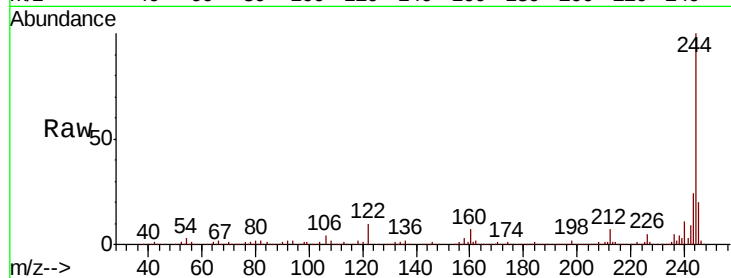
Tot Ion:244 Resp: 1805709

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

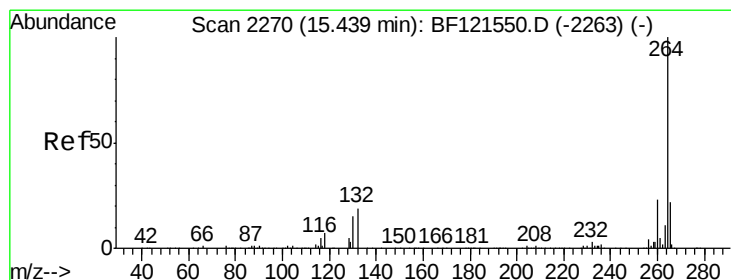
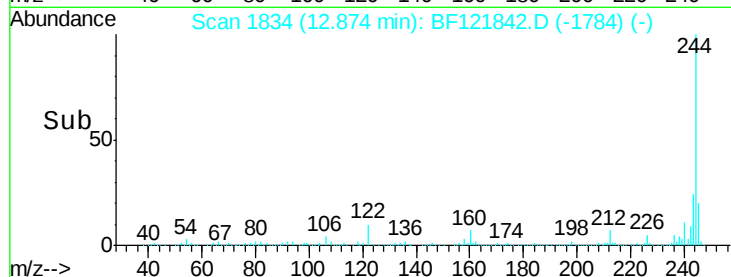
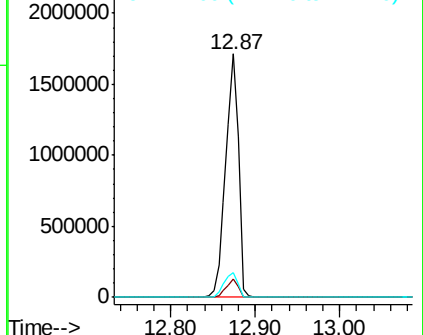
122 10.3 8.1 12.1



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: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF121842.D

Acq: 6 Oct 2020 9:33

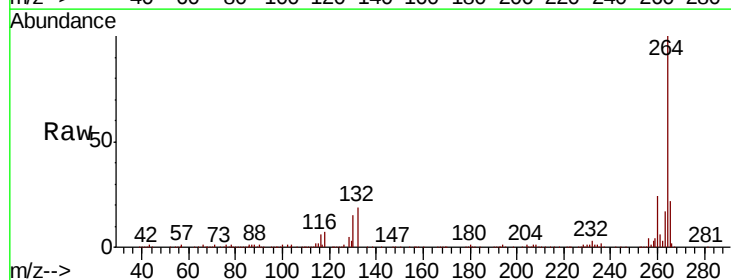
Tgt Ion:264 Resp: 458295

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.6 17.3 25.9



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

