

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
 Data File : BP002618.D
 Acq On : 01 Jul 2020 23:02
 Operator : CG/JU
 Sample : L2811-05 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-7-063020

Quant Time: Jul 02 02:43:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	322431	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	1291791	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	779355	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1554388	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1075487	20.00	ng	0.00
86) Perylene-d12	23.28	264	977780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	282708	14.85	ng	0.00
7) Phenol-d6	6.76	99	383271	14.42	ng	0.00
23) Nitrobenzene-d5	8.72	82	219364	8.75	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	122534	12.93	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	562885	10.63	ng	0.00
79) Terphenyl-d14	19.57	244	722567	14.50	ng	0.00

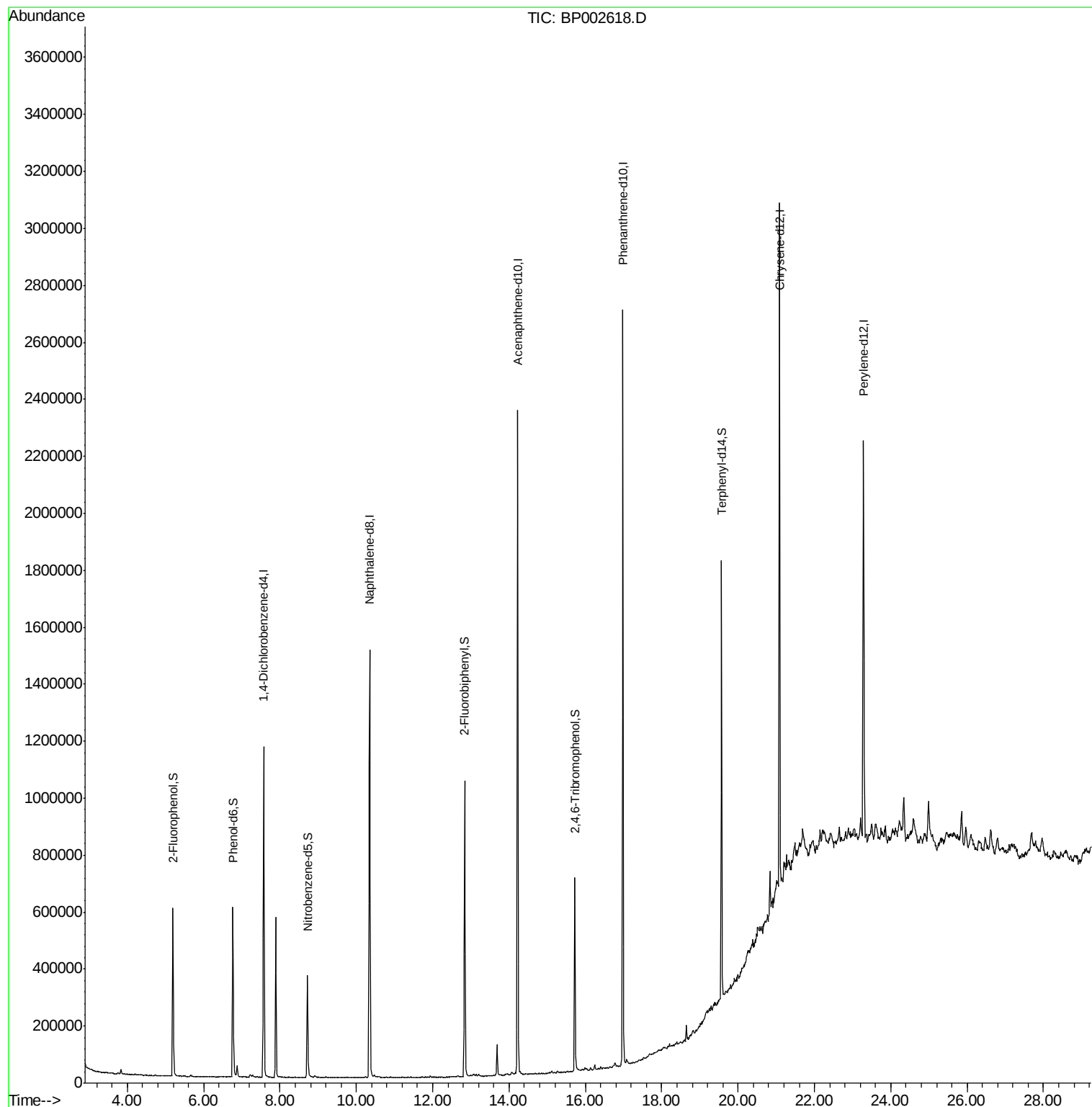
Target Compounds Qvalue

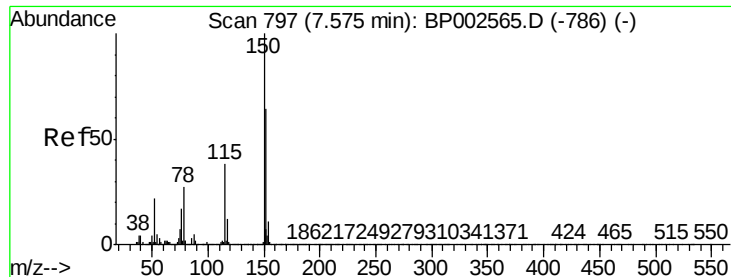
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.57 min Scan# 796

Delta R.T. -0.01 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

Instrument :

BNA_P

ClientSampleId :

NB-7-063020

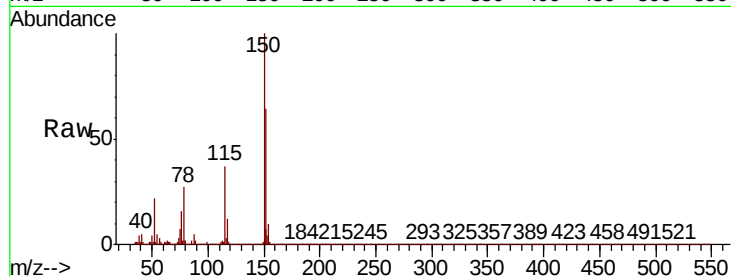
Tot Ion:152 Resp: 322431

Ion Ratio Lower Upper

152 100

150 156.1 124.2 186.2

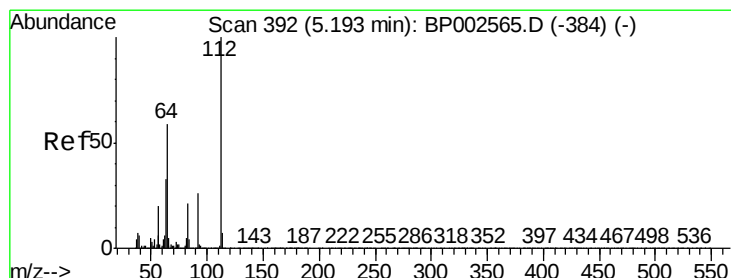
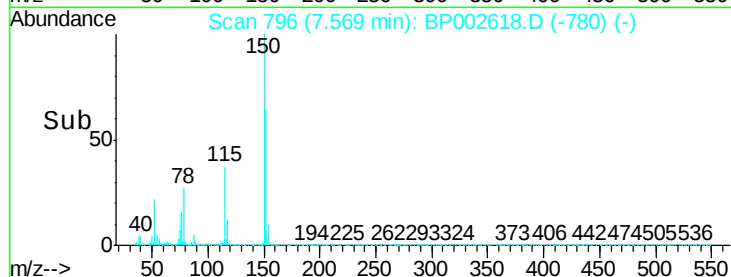
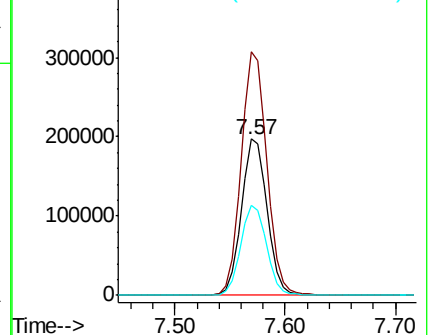
115 58.0 47.1 70.7



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: 14.845 ng

RT: 5.19 min Scan# 392

Delta R.T. -0.00 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

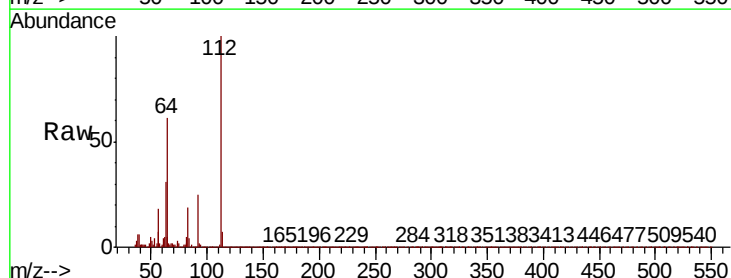
Tgt Ion:112 Resp: 282708

Ion Ratio Lower Upper

112 100

64 60.7 47.0 70.6

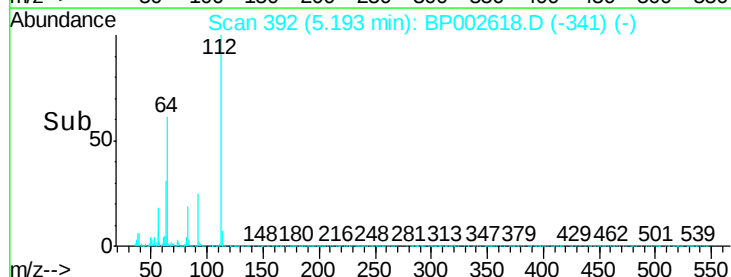
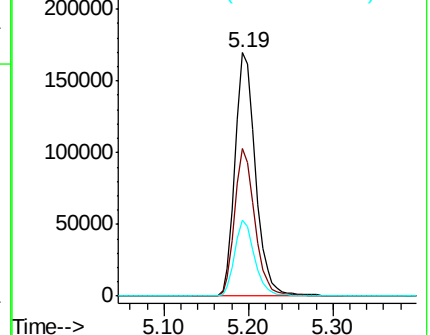
63 31.0 26.1 39.1

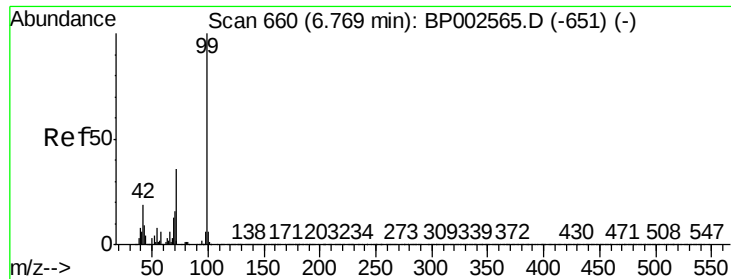


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 14.419 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

Instrument :

BNA_P

ClientSampleId :

NB-7-063020

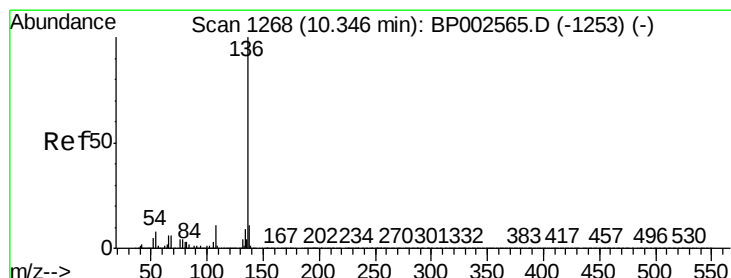
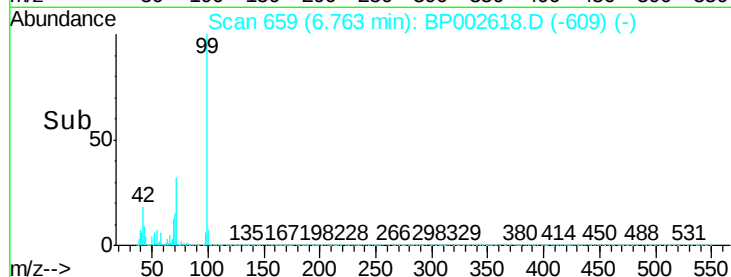
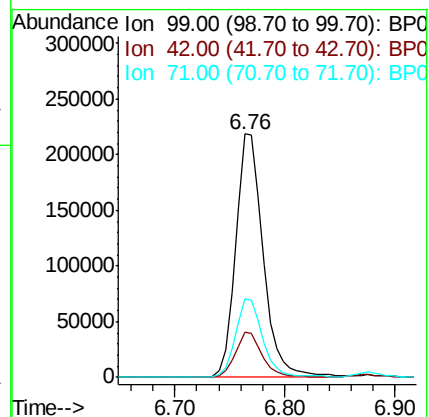
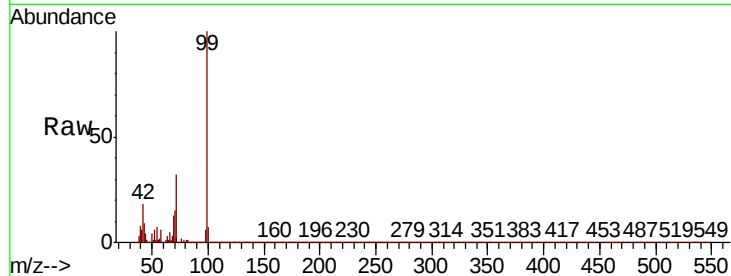
Tot Ion: 99 Resp: 383271

Ion Ratio Lower Upper

99 100

42 18.4 15.5 23.3

71 32.1 28.9 43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

Tgt Ion: 136 Resp: 1291791

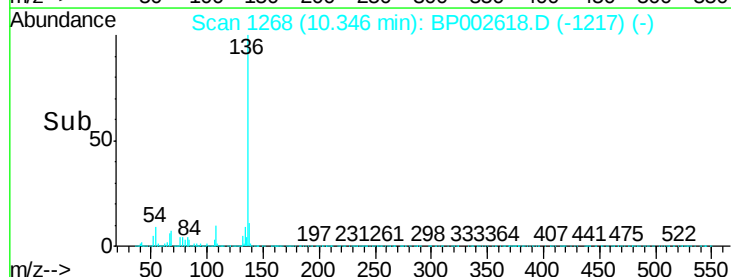
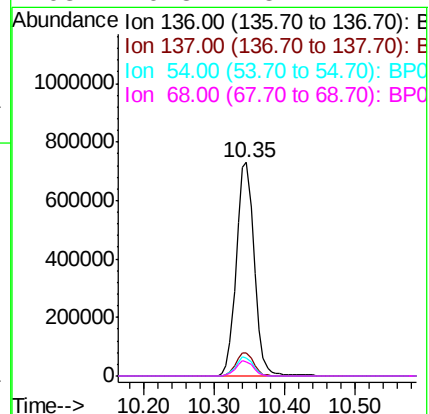
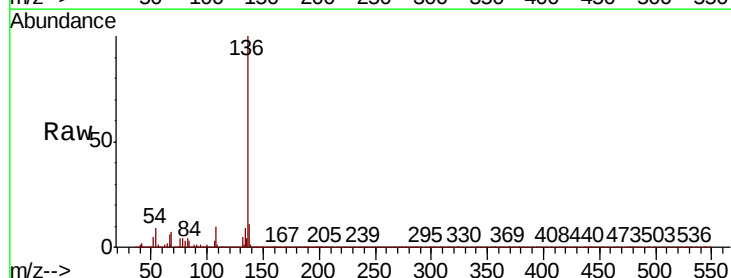
Ion Ratio Lower Upper

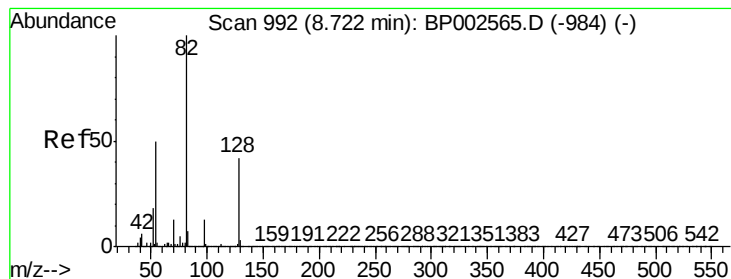
136 100

137 10.9 8.8 13.2

54 8.5 6.4 9.6

68 6.8 5.1 7.7





#23

Nitrobenzene-d5

Concen: 8.750 ng

RT: 8.72 min Scan# 991

Delta R.T. -0.01 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

Instrument :

BNA_P

ClientSampleId :

NB-7-063020

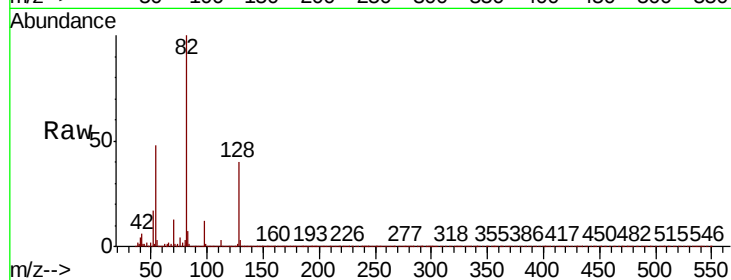
Tot Ion: 82 Resp: 219364

Ion Ratio Lower Upper

82 100

128 40.4 33.4 50.2

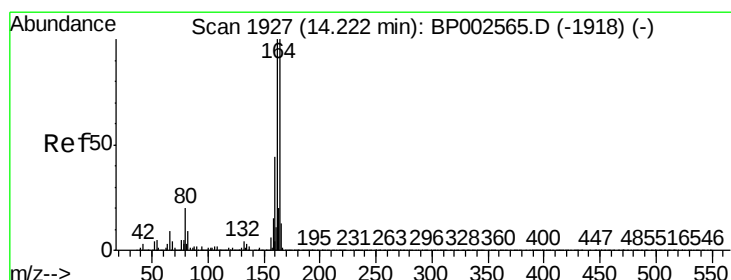
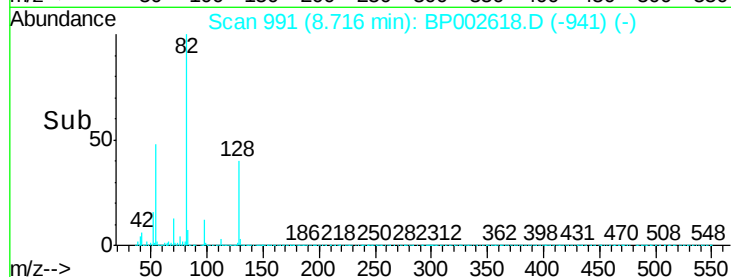
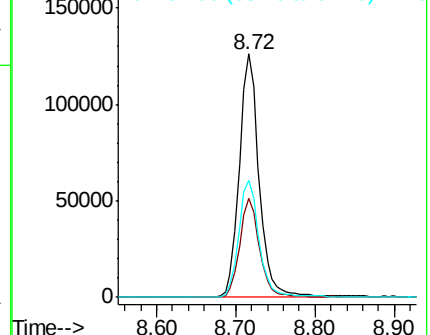
54 48.2 40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

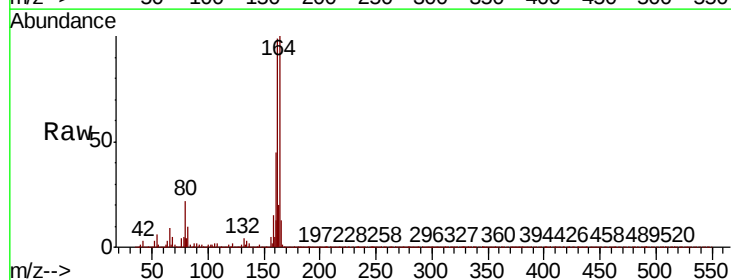
Tgt Ion: 164 Resp: 779355

Ion Ratio Lower Upper

164 100

162 99.3 80.3 120.5

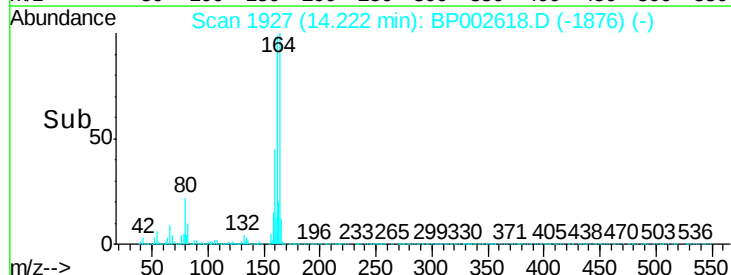
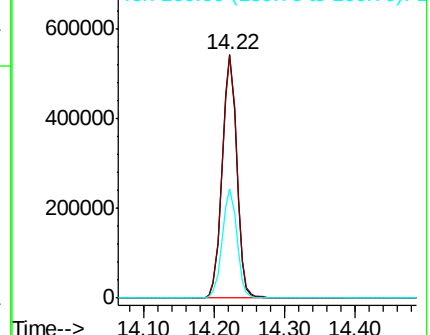
160 44.7 35.0 52.6

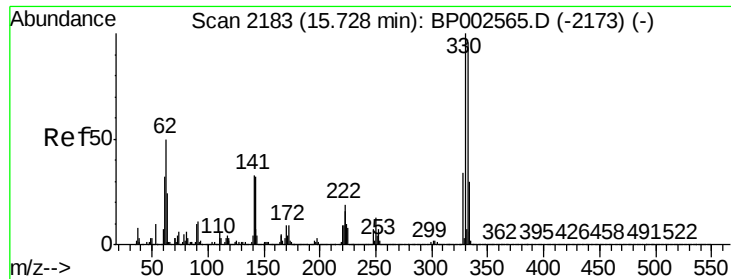


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

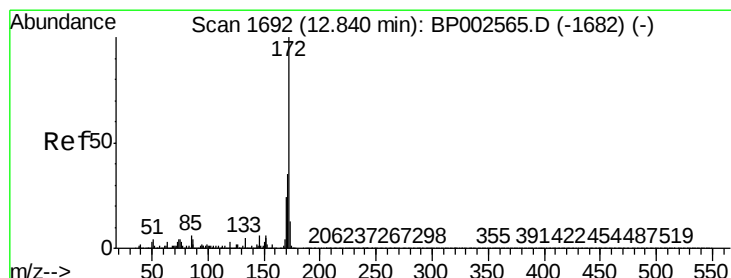
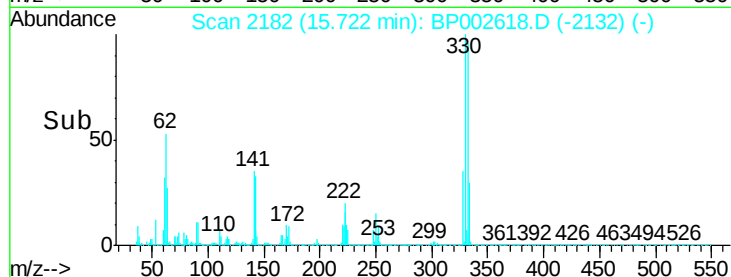
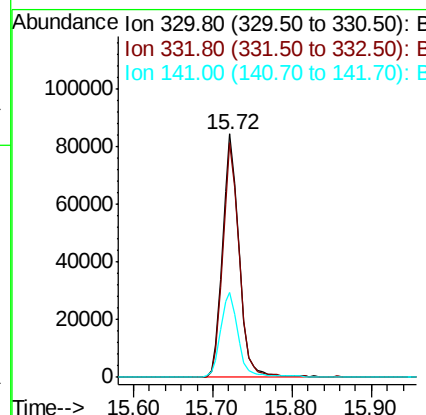
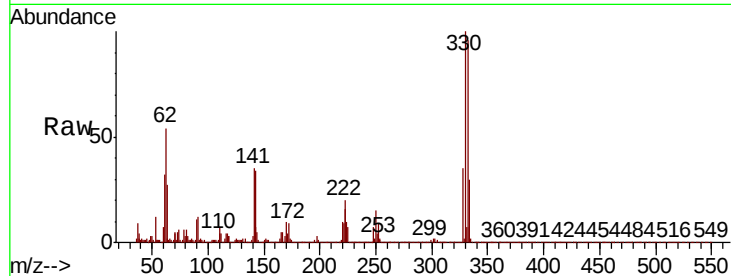




#42
2,4,6-Tribromophenol
Concen: 12.927 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002618.D
Acq: 01 Jul 2020 23:02

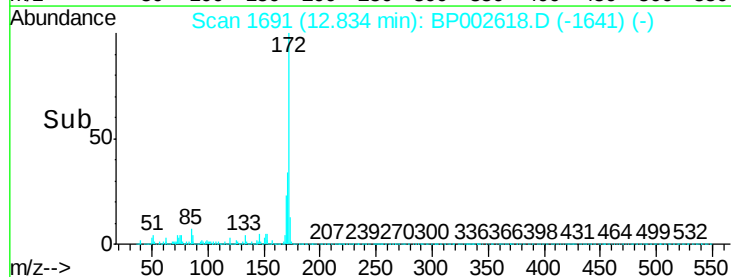
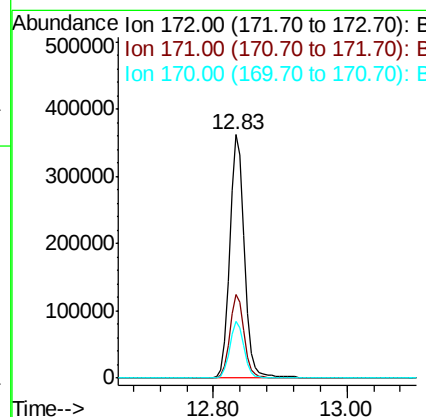
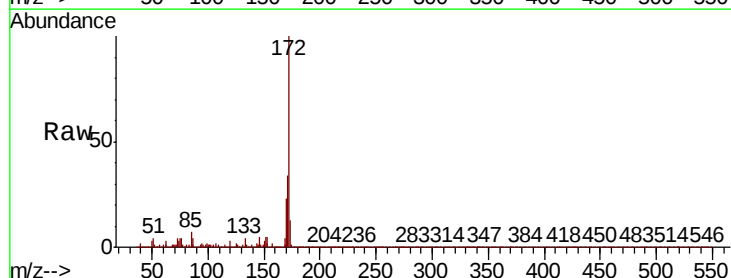
Instrument :
BNA_P
ClientSampled :
NB-7-063020

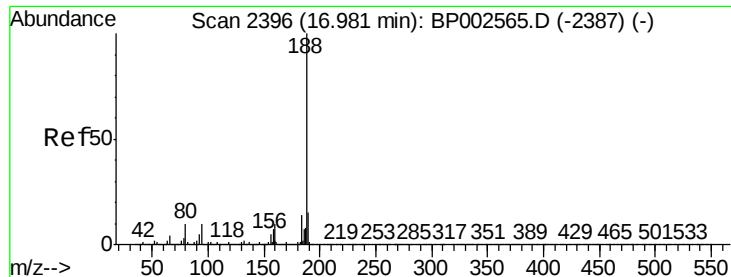
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.7	116.5
141	36.2	29.0	43.6



#45
2-Fluorobiphenyl
Concen: 10.630 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002618.D
Acq: 01 Jul 2020 23:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.0	42.0
170	23.4	19.0	28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.98 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

Instrument :

BNA_P

ClientSampleId :

NB-7-063020

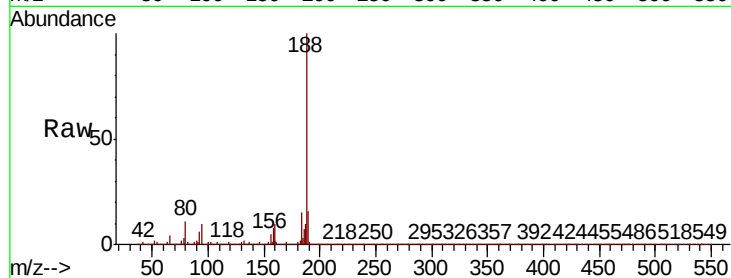
Tot Ion:188 Resp: 1554388

Ion Ratio Lower Upper

188 100

94 10.4 7.8 11.6

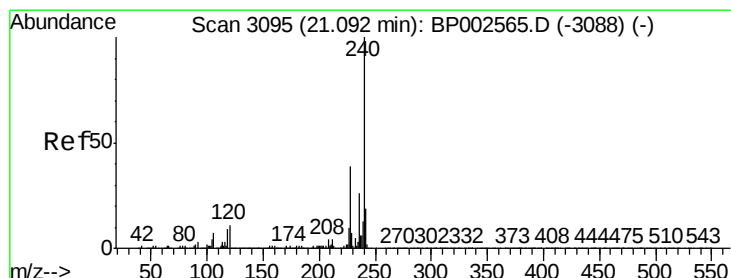
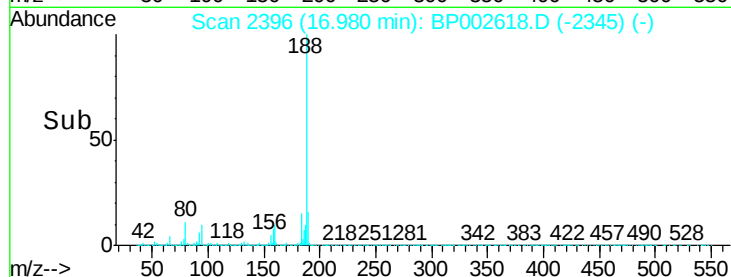
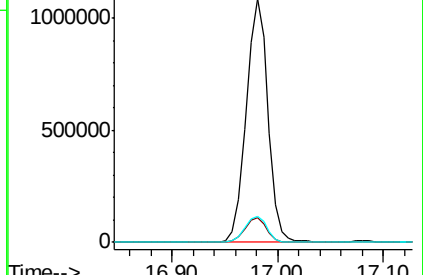
80 10.8 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

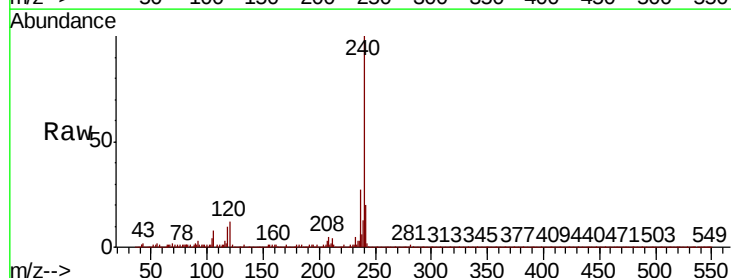
Tgt Ion:240 Resp: 1075487

Ion Ratio Lower Upper

240 100

120 11.8 8.6 13.0

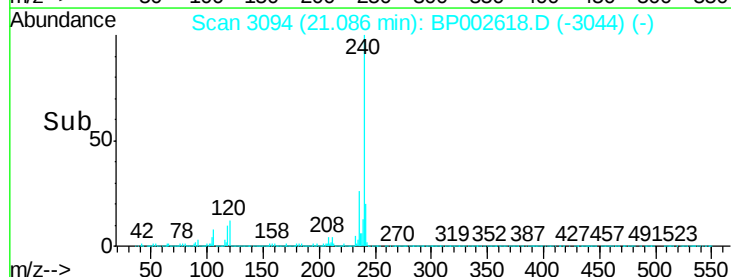
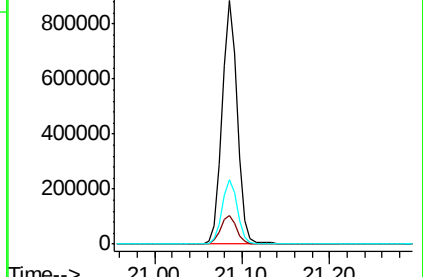
236 26.5 20.8 31.2

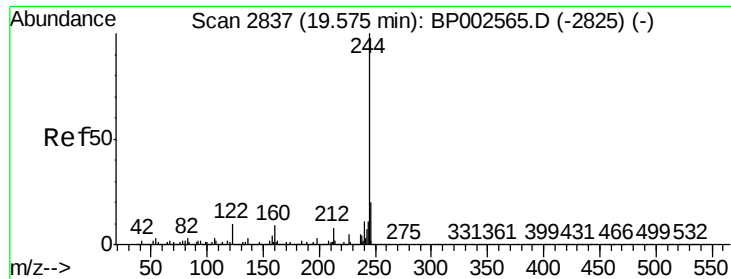


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 14.502 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

Instrument :

BNA_P

ClientSampleId :

NB-7-063020

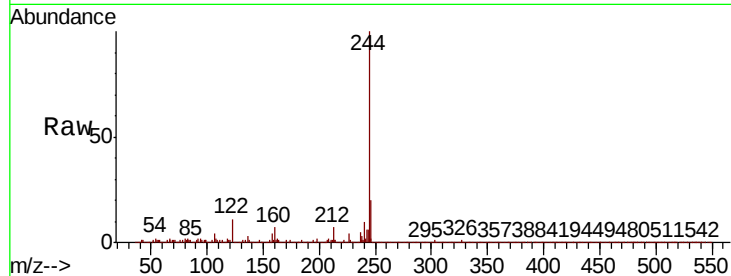
Tot Ion:244 Resp: 722567

Ion Ratio Lower Upper

244 100

212 6.8 6.5 9.7

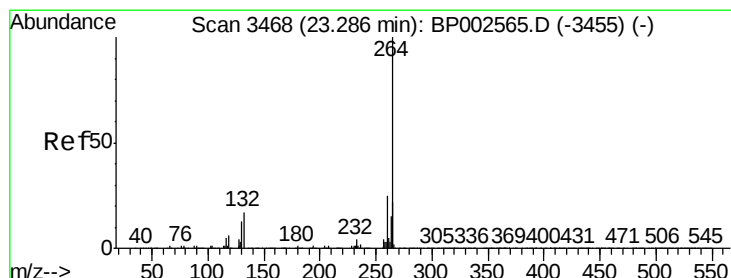
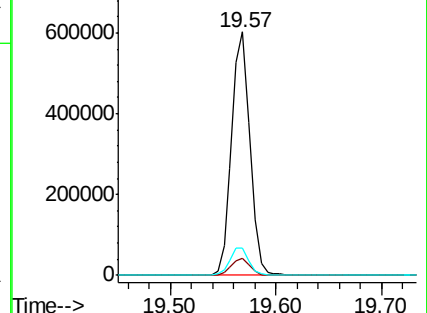
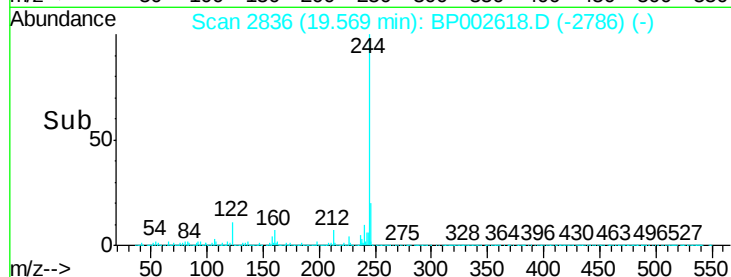
122 11.1 7.9 11.9



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: 23.28 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BP002618.D

Acq: 01 Jul 2020 23:02

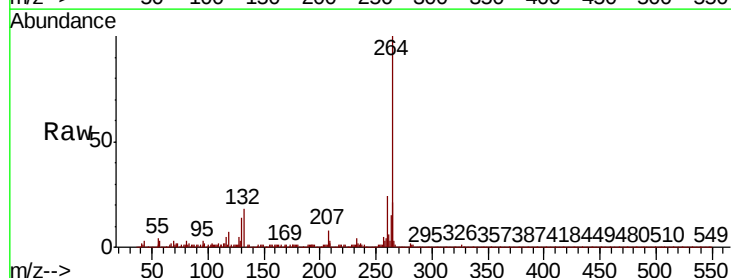
Tgt Ion:264 Resp: 977780

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 21.3 17.6 26.4



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

