

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
 Data File : BP002751.D
 Acq On : 15 Jul 2020 13:13
 Operator : CG/JU
 Sample : PB130217BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130217BL

Quant Time: Jul 15 14:04:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	198817	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	789441	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	453327	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	913924	20.00	ng	0.00
76) Chrysene-d12	21.07	240	665351	20.00	ng	0.00
86) Perylene-d12	23.26	264	553392	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1426287	121.04	ng	0.00
7) Phenol-d6	6.76	99	1816655	108.02	ng	0.00
23) Nitrobenzene-d5	8.70	82	1150713	77.96	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	481650	101.79	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	2205716	75.27	ng	0.00
79) Terphenyl-d14	19.56	244	2327508	80.20	ng	0.00

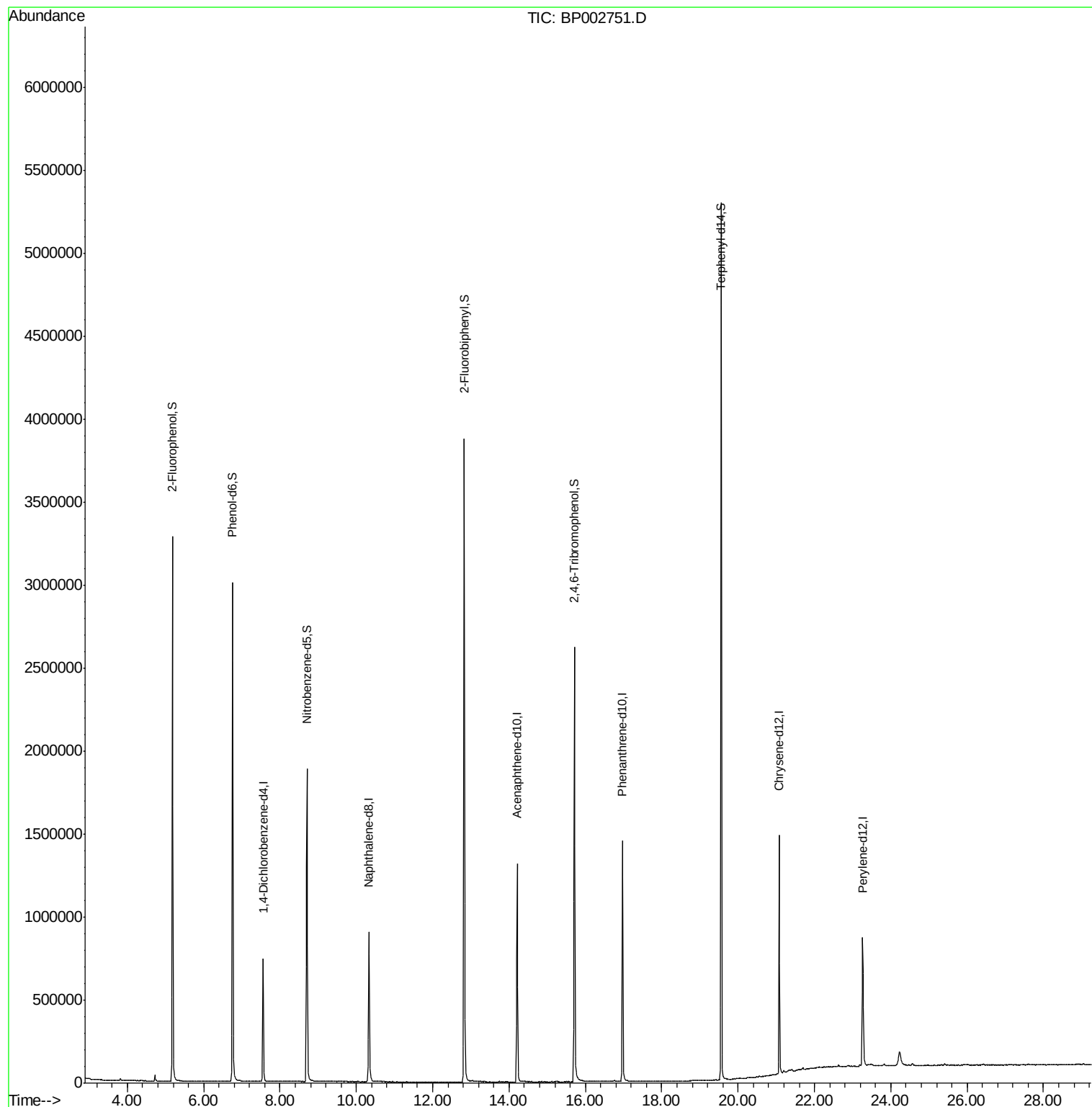
Target Compounds Qvalue

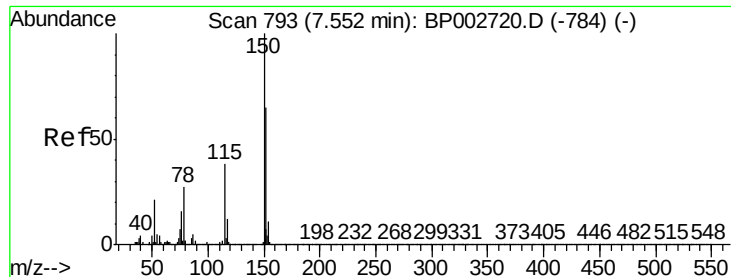
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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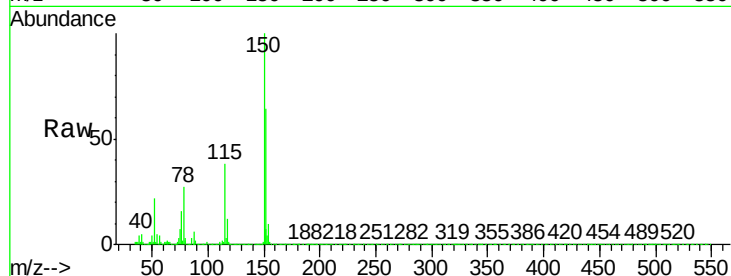


#1

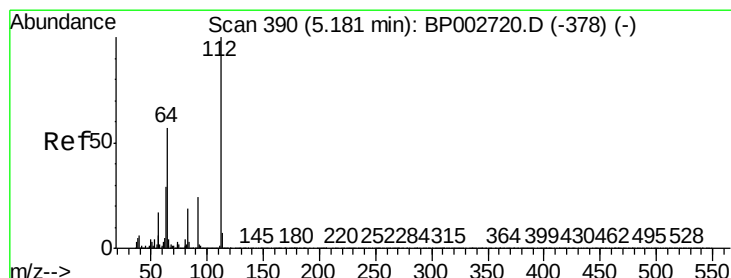
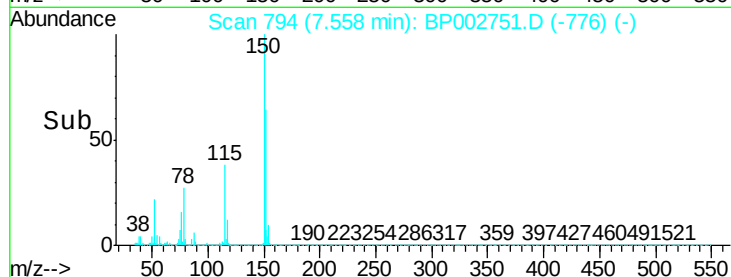
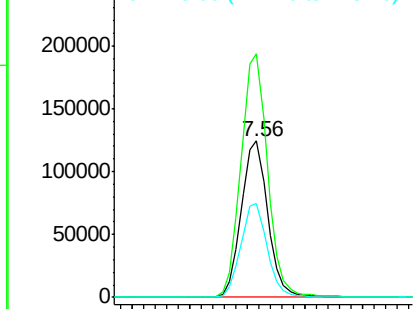
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002751.D
Acq: 15 Jul 2020 13:13

Instrument :
BNA_P
ClientSampleId :
PB130217BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.7	185.5
115	59.9	47.2	70.8



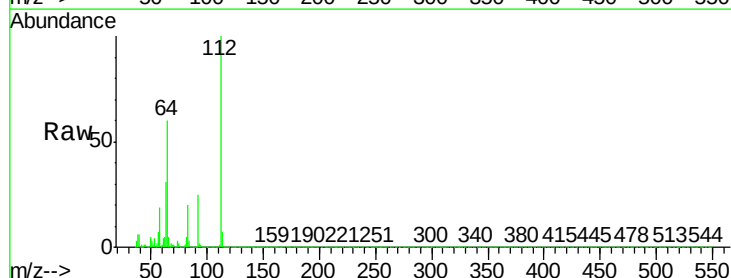
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



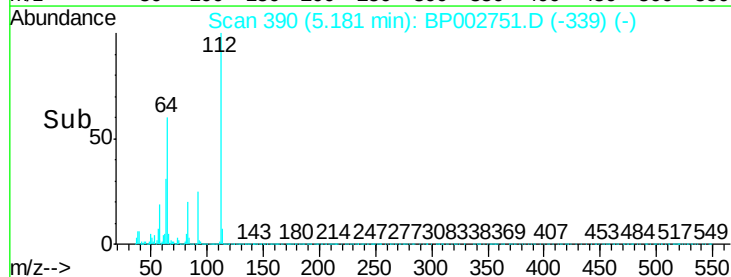
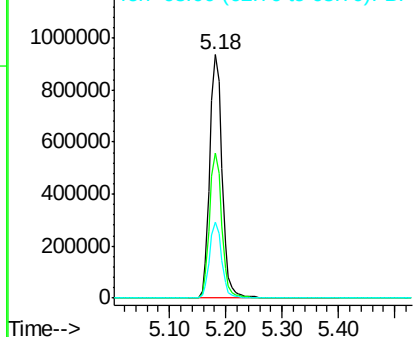
#5

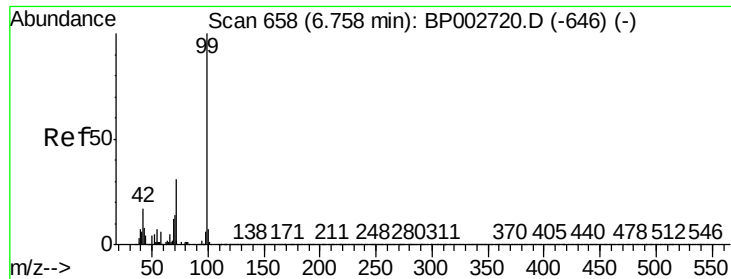
2-Fluorophenol
Concen: 121.037 ng
RT: 5.18 min Scan# 390
Delta R.T. 0.00 min
Lab File: BP002751.D
Acq: 15 Jul 2020 13:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	45.6	68.4
63	31.1	23.5	35.3



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: 108.021 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002751.D

Acq: 15 Jul 2020 13:13

Instrument :

BNA_P

ClientSampled :

PB130217BL

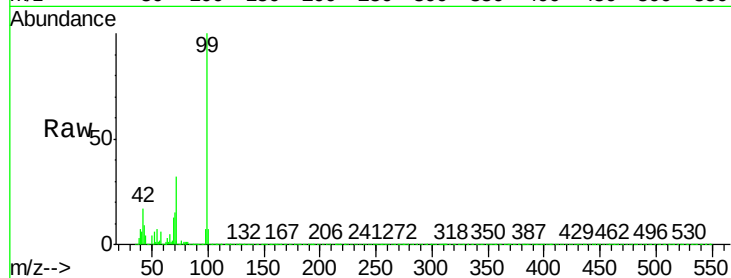
Tot Ion: 99 Resp: 1816655

Ion Ratio Lower Upper

99 100

42 17.3 13.4 20.2

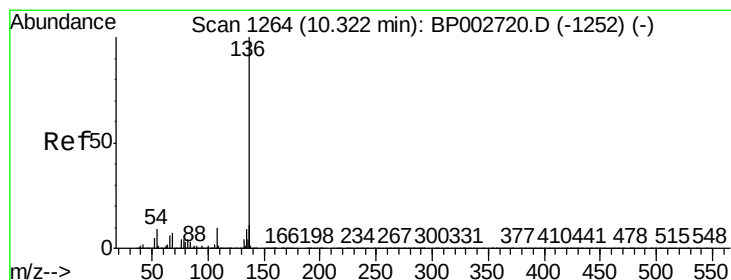
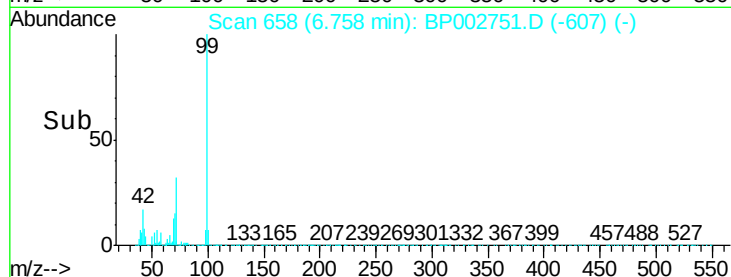
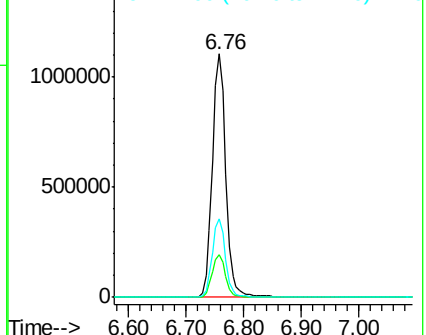
71 32.1 24.6 36.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BP002751.D

Acq: 15 Jul 2020 13:13

Tgt Ion: 136 Resp: 789441

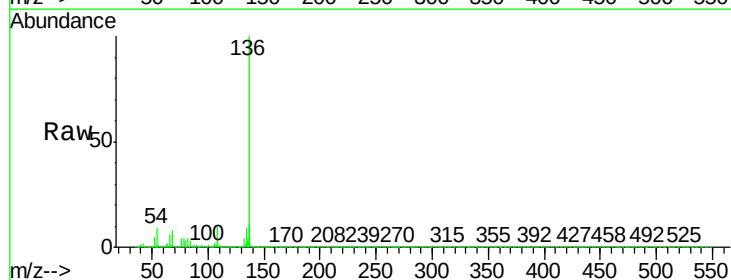
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 9.2 6.9 10.3

68 7.9 5.7 8.5

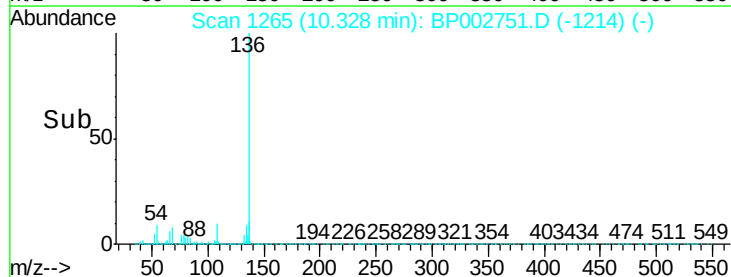
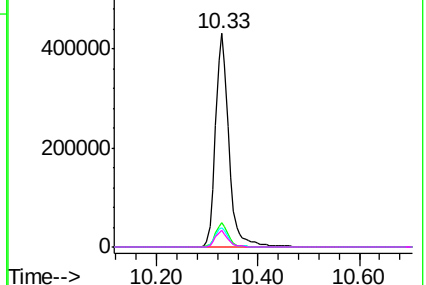


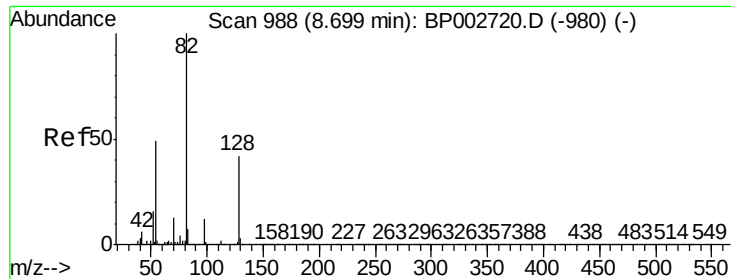
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

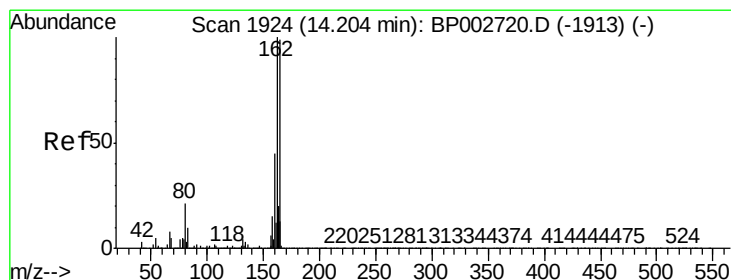
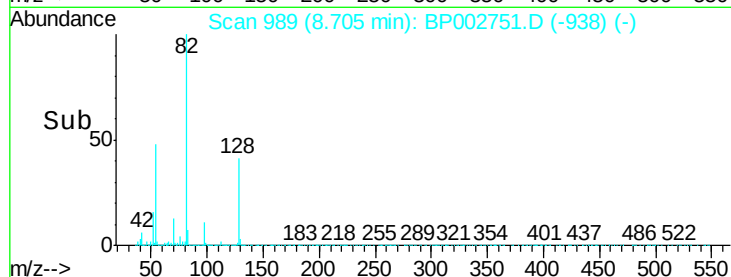
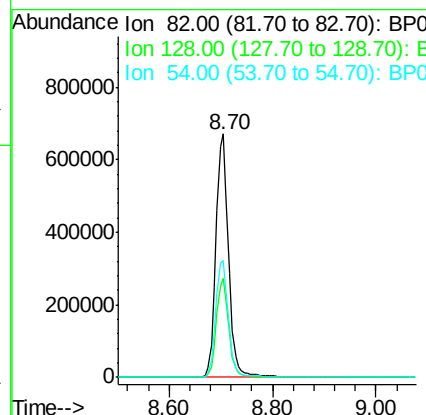
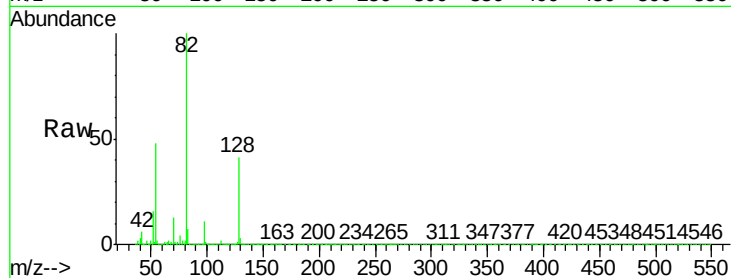




#23
Nitrobenzene-d5
Concen: 77.959 ng
RT: 8.70 min Scan# 989
Delta R.T. 0.00 min
Lab File: BP002751.D
Acq: 15 Jul 2020 13:13

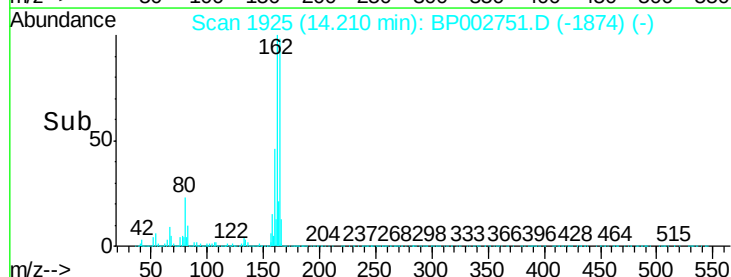
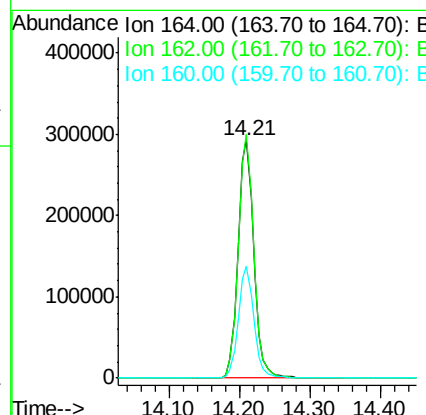
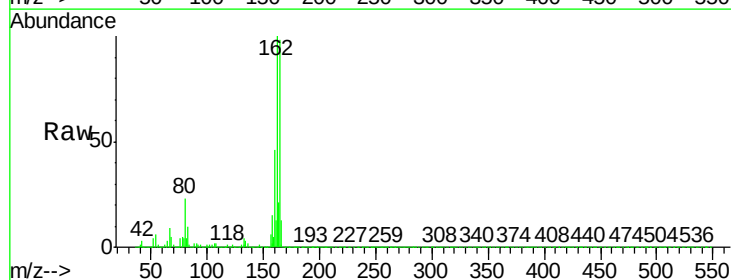
Instrument :
BNA_P
ClientSampleId :
PB130217BL

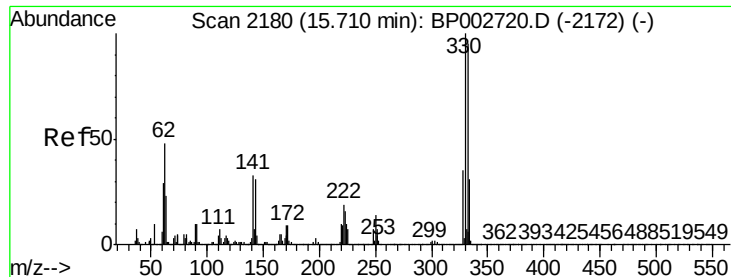
Tot Ion: 82 Resp: 1150713
Ion Ratio Lower Upper
82 100
128 40.6 33.8 50.8
54 48.2 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.21 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BP002751.D
Acq: 15 Jul 2020 13:13

Tgt Ion: 164 Resp: 453327
Ion Ratio Lower Upper
164 100
162 102.3 80.6 121.0
160 46.8 36.4 54.6

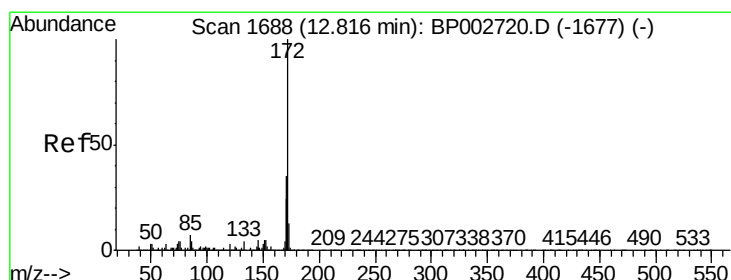
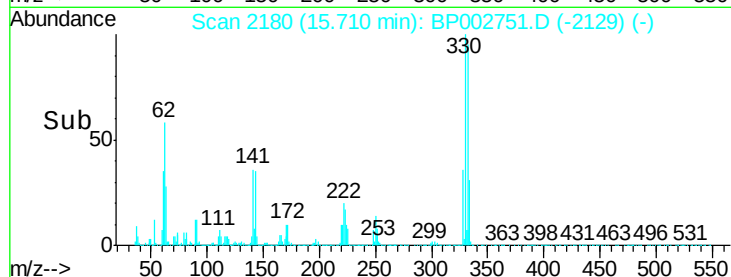
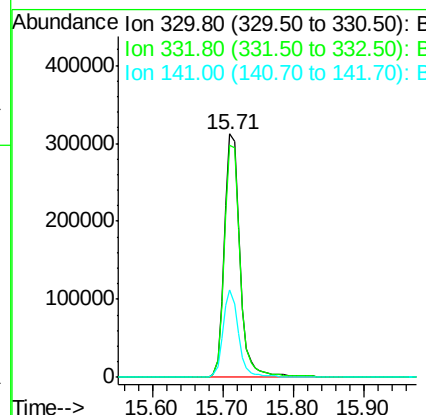
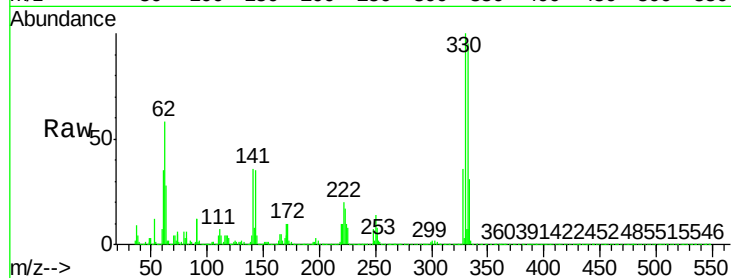




#42
2,4,6-Tribromophenol
Concen: 101.785 ng
RT: 15.71 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BP002751.D
Acq: 15 Jul 2020 13:13

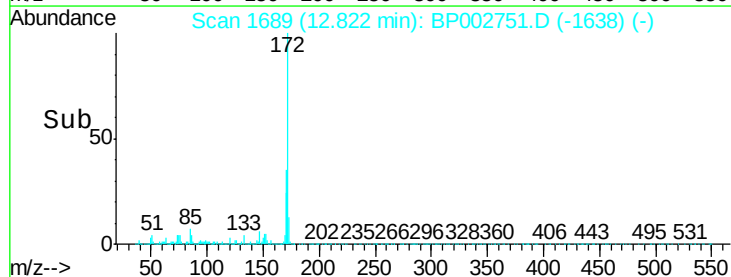
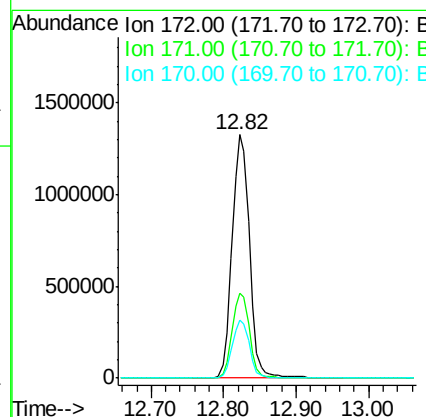
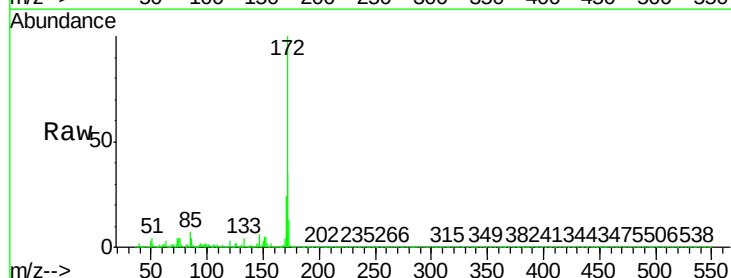
Instrument :
BNA_P
ClientSampleId :
PB130217BL

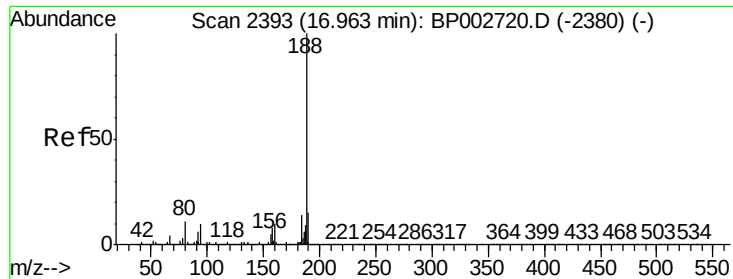
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.5	114.7
141	36.1	28.8	43.2



#45
2-Fluorobiphenyl
Concen: 75.270 ng
RT: 12.82 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BP002751.D
Acq: 15 Jul 2020 13:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	23.6	19.3	28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BP002751.D

Acq: 15 Jul 2020 13:13

Instrument :

BNA_P

ClientSampleId :

PB130217BL

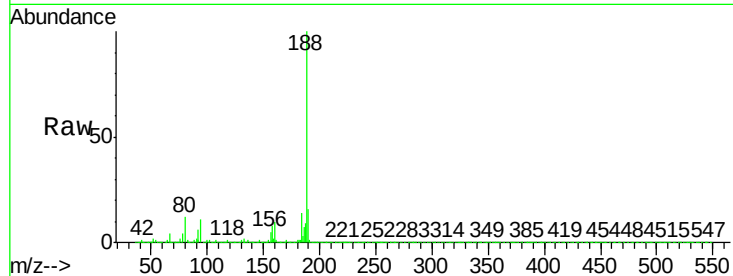
Tot Ion:188 Resp: 913924

Ion Ratio Lower Upper

188 100

94 11.1 8.1 12.1

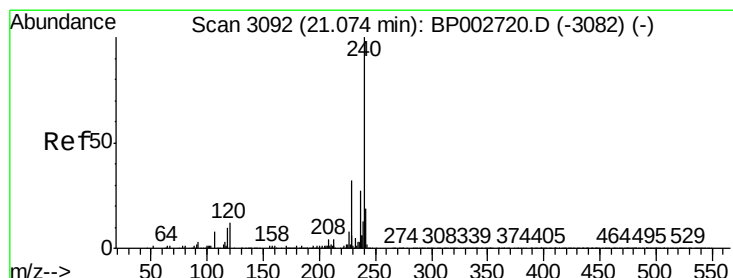
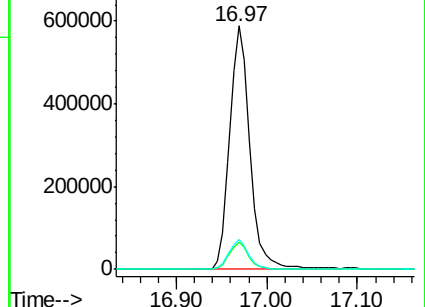
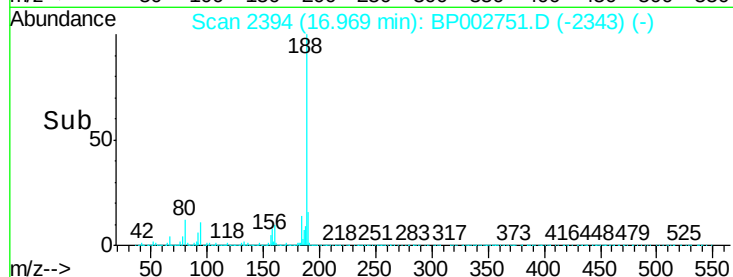
80 12.0 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.07 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BP002751.D

Acq: 15 Jul 2020 13:13

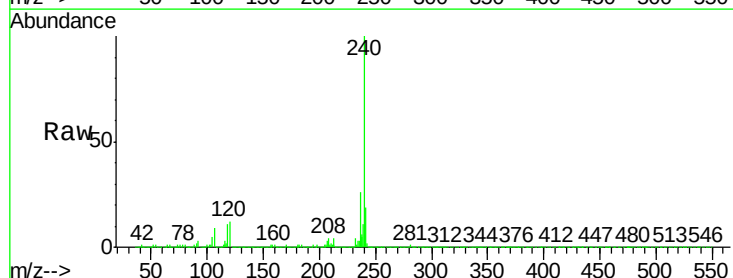
Tgt Ion:240 Resp: 665351

Ion Ratio Lower Upper

240 100

120 12.1 9.4 14.2

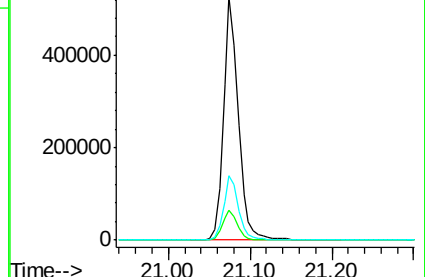
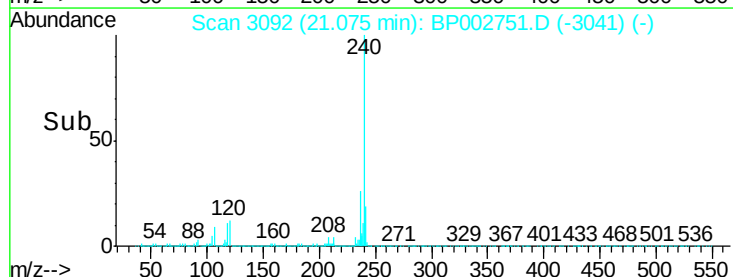
236 26.3 21.3 31.9

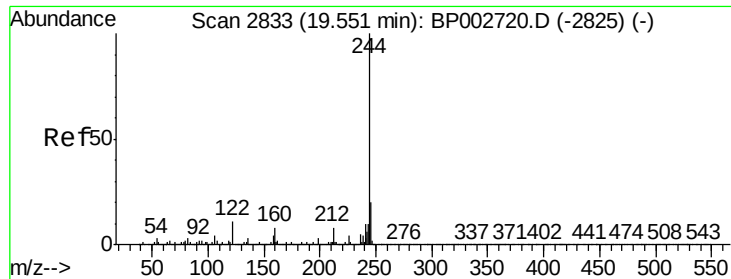


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.203 ng

RT: 19.56 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BP002751.D

Acq: 15 Jul 2020 13:13

Instrument :

BNA_P

ClientSampleId :

PB130217BL

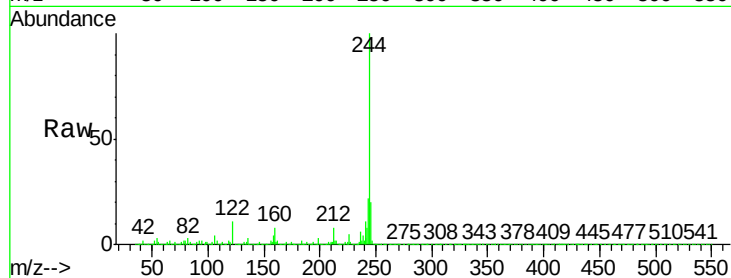
Tot Ion:244 Resp: 2327508

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

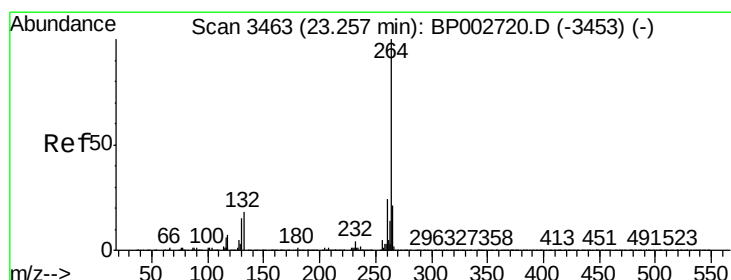
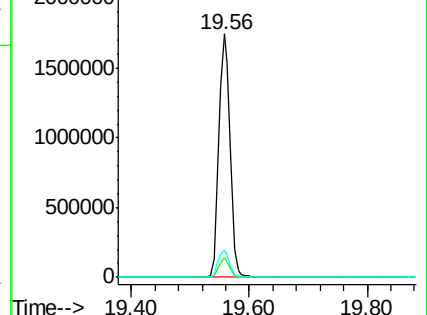
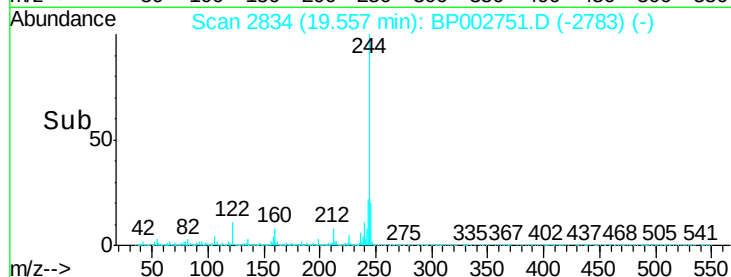
122 11.2 8.9 13.3



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: 23.26 min Scan# 3464

Delta R.T. 0.00 min

Lab File: BP002751.D

Acq: 15 Jul 2020 13:13

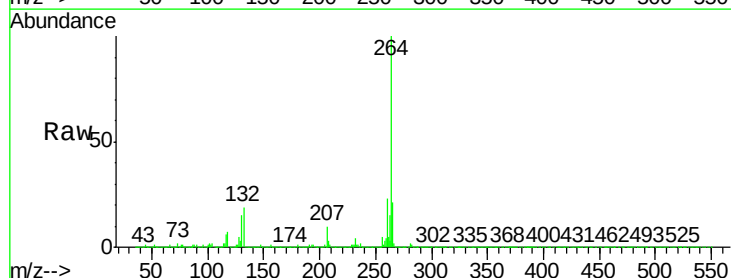
Tgt Ion:264 Resp: 553392

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 20.6 16.8 25.2



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

