

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
 Data File : BP002838.D
 Acq On : 23 Jul 2020 13:48
 Operator : CG/JU
 Sample : PB130378BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130378BL

Quant Time: Jul 23 16:15:22 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	7.55	152	135621	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	534743	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	334186	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	742259	20.00	ng	0.00
76) Chrysene-d12	21.07	240	766354	20.00	ng	0.00
86) Perylene-d12	23.26	264	718544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1034713	128.72	ng	0.00
7) Phenol-d6	6.75	99	1333703	116.26	ng	0.00
23) Nitrobenzene-d5	8.69	82	871991	87.21	ng	-0.01
42) 2,4,6-Tribromophenol	15.71	330	441857	126.67	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1692559	78.35	ng	0.00
79) Terphenyl-d14	19.55	244	2220219	66.42	ng	0.00

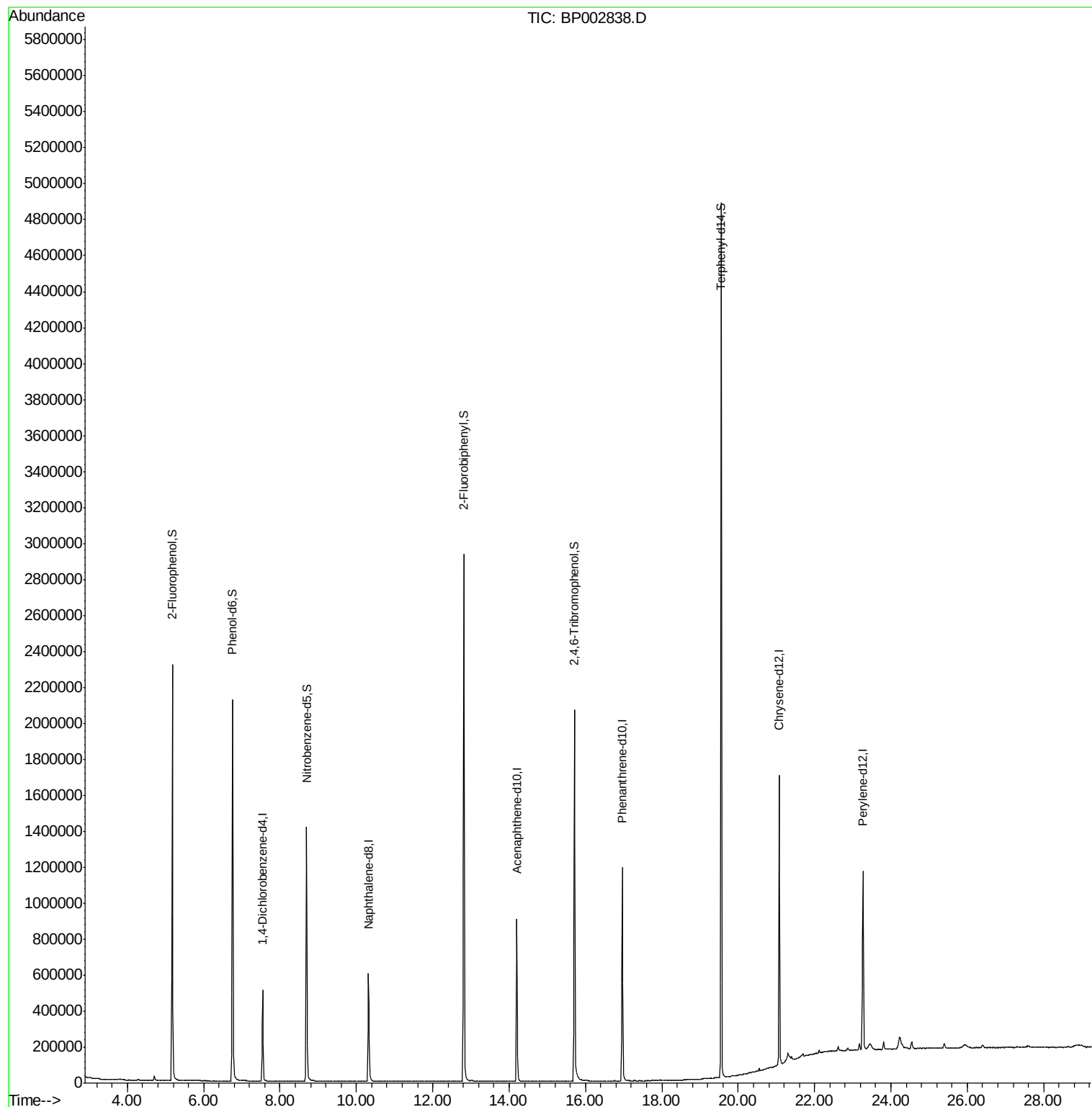
Target Compounds Qvalue

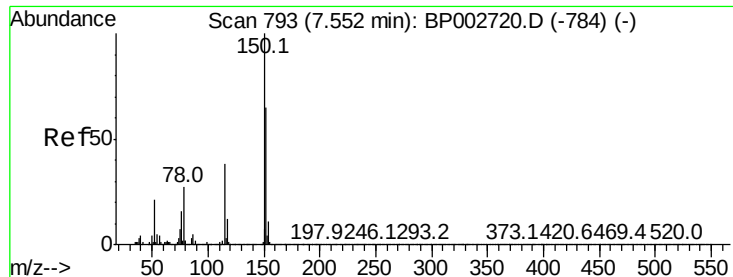
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.55 min Scan# 792

Delta R.T. -0.01 min

Lab File: BP002838.D

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BNA_P

ClientSampleId :

PB130378BL

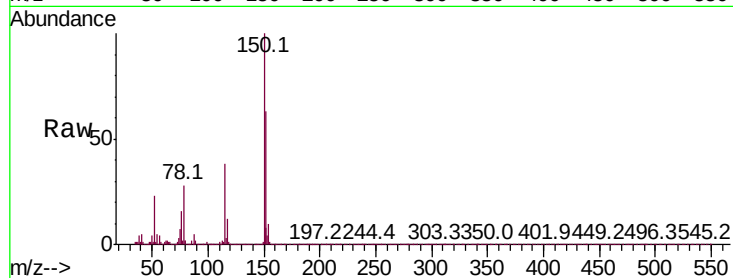
Tot Ion:152 Resp: 135621

Ion Ratio Lower Upper

152 100

150 157.7 123.7 185.5

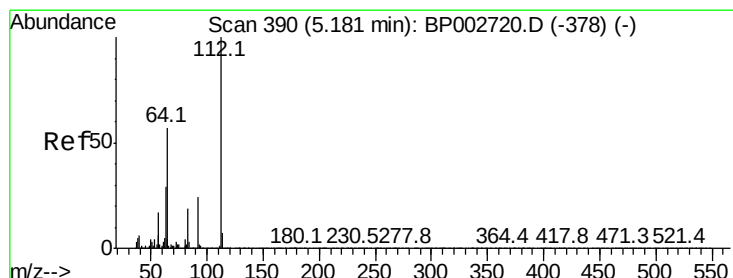
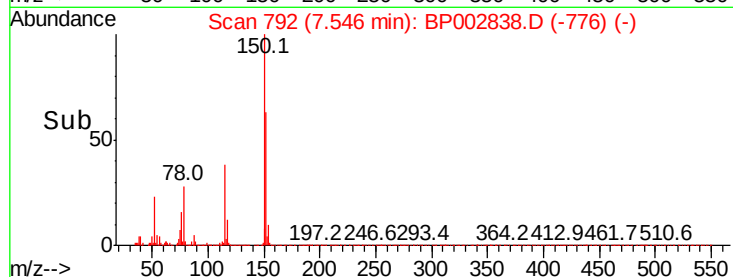
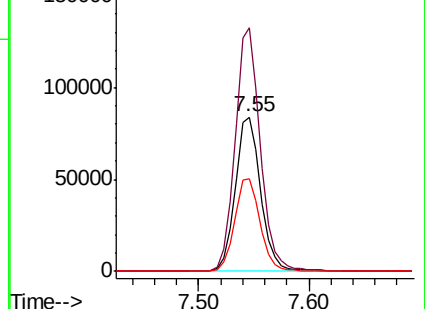
115 60.0 47.2 70.8



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: 128.723 ng

RT: 5.18 min Scan# 389

Delta R.T. -0.01 min

Lab File: BP002838.D

Acq: 23 Jul 2020 13:48

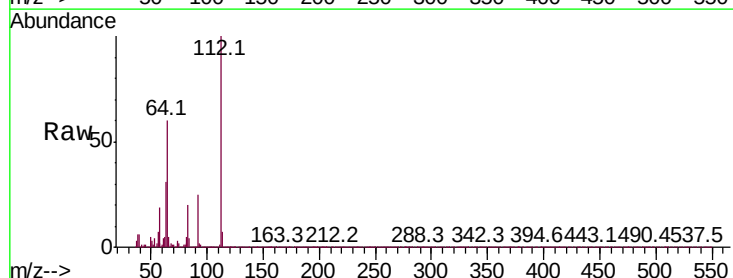
Tgt Ion:112 Resp: 1034713

Ion Ratio Lower Upper

112 100

64 59.6 45.6 68.4

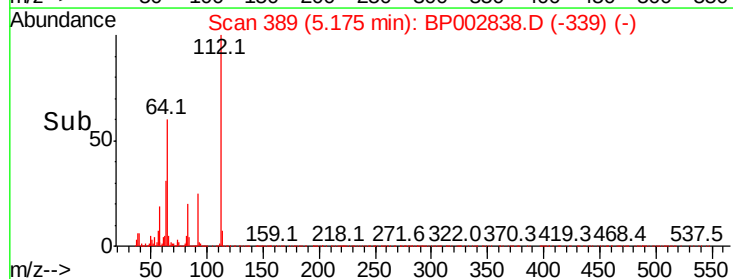
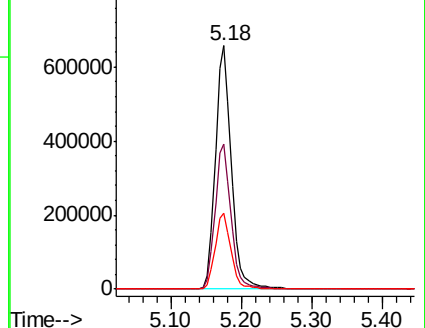
63 31.1 23.5 35.3

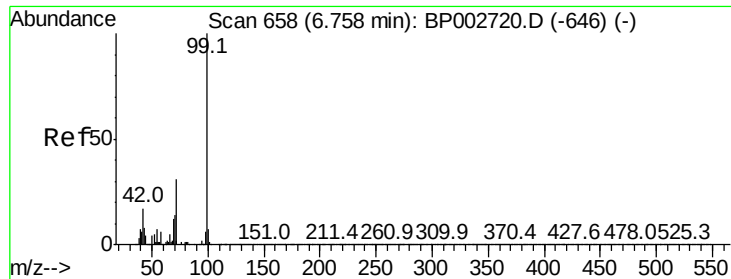


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 116.257 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002838.D

Acq: 23 Jul 2020 13:48

Instrument :

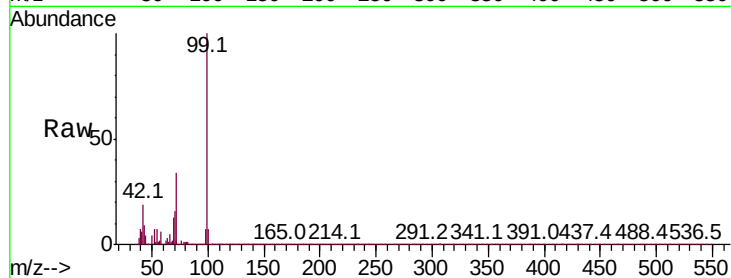
BNA_P

ClientSampleId :

PB130378BL

Tot Ion: 99 Resp: 1333703

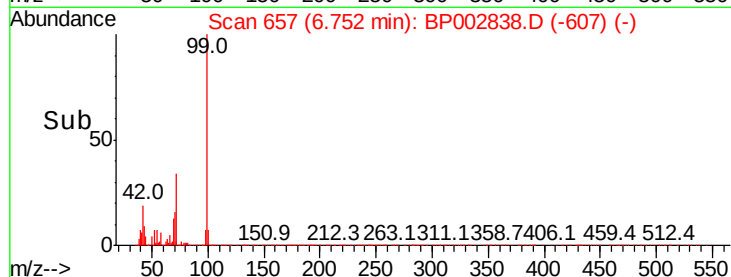
Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.4	20.2
71	33.7	24.6	36.8



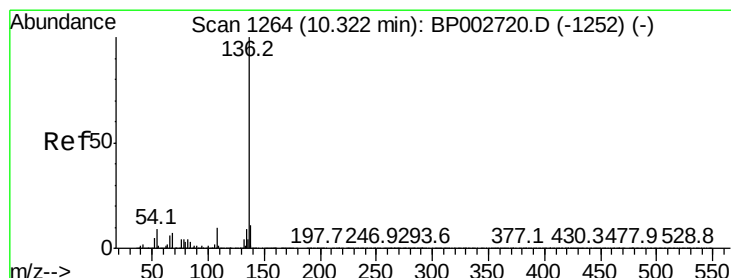
Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time--> 6.60 6.80 7.00



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1263

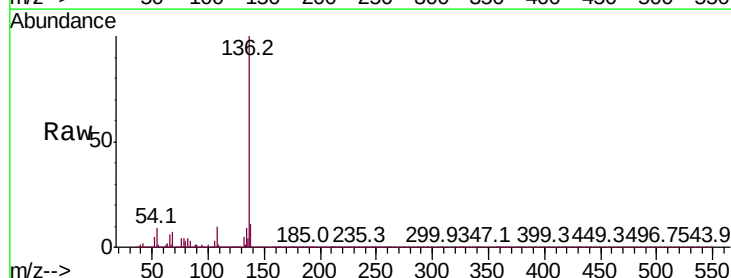
Delta R.T. -0.01 min

Lab File: BP002838.D

Acq: 23 Jul 2020 13:48

Tgt Ion: 136 Resp: 534743

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.9	6.9	10.3
68	7.2	5.7	8.5

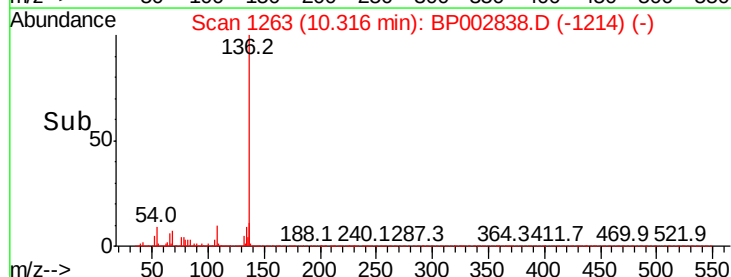


Abundance Ion 136.00 (135.70 to 136.70): E

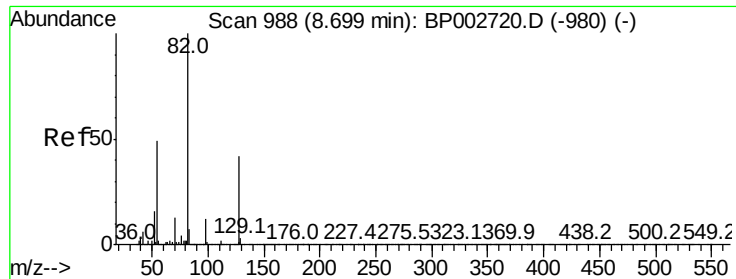
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



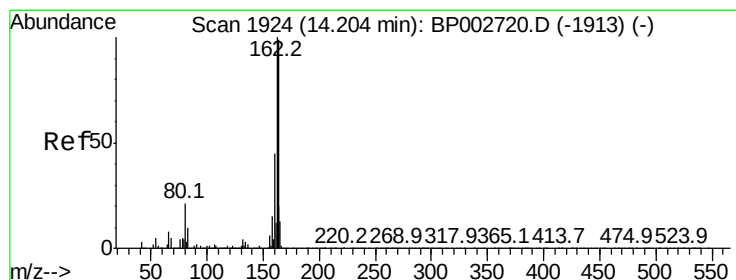
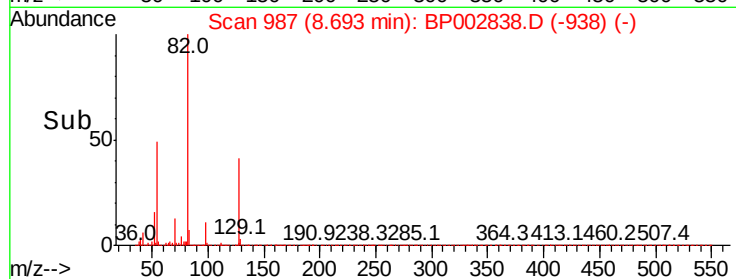
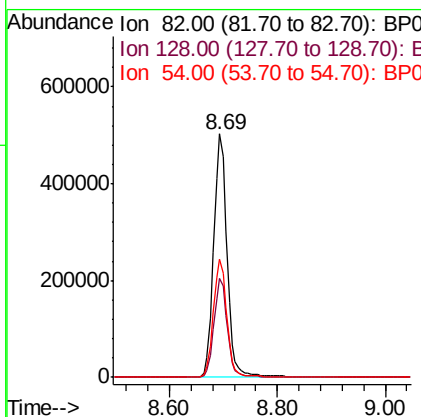
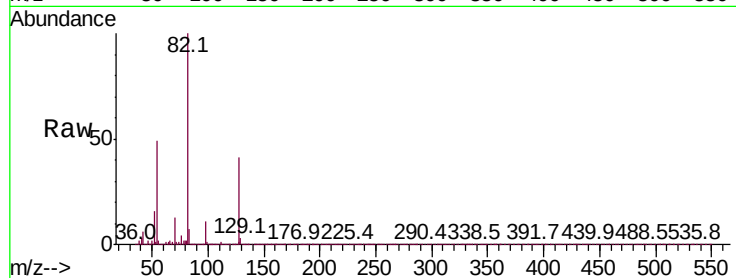
Time--> 10.20 10.40



#23
 Nitrobenzene-d5
 Concen: 87.214 ng
 RT: 8.69 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BP002838.D
 Acq: 23 Jul 2020 13:48

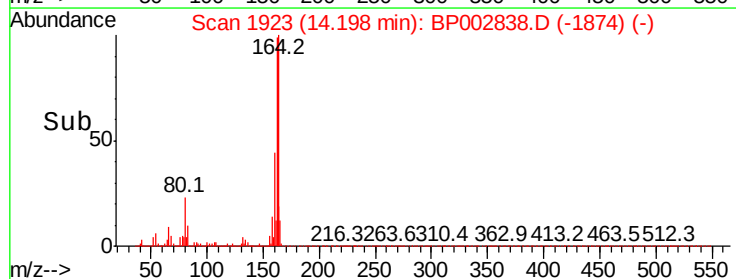
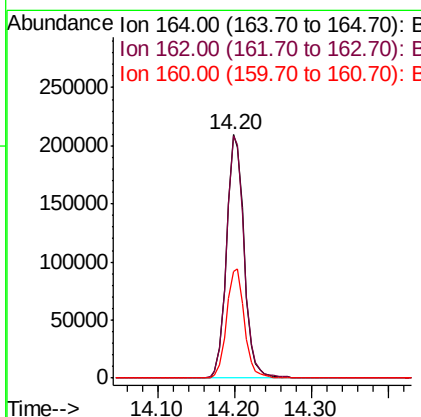
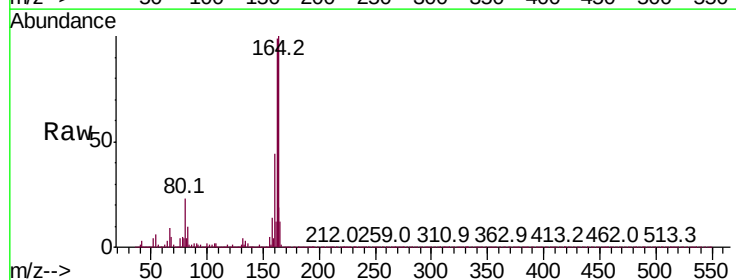
Instrument :
 BNA_P
 ClientSampleId :
 PB130378BL

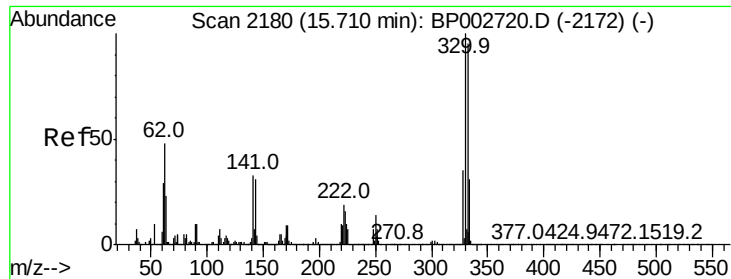
Tot Ion	82	Resp	871991
Ion Ratio	100	Lower	Upper
128	40.7	33.8	50.8
54	48.5	38.8	58.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.20 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BP002838.D
 Acq: 23 Jul 2020 13:48

Tgt Ion	164	Resp	334186
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	99.3	80.6	121.0
160	44.0	36.4	54.6

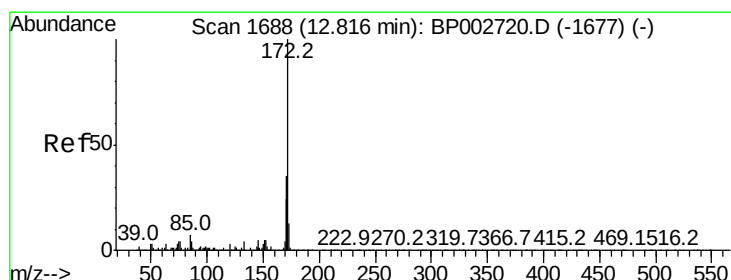
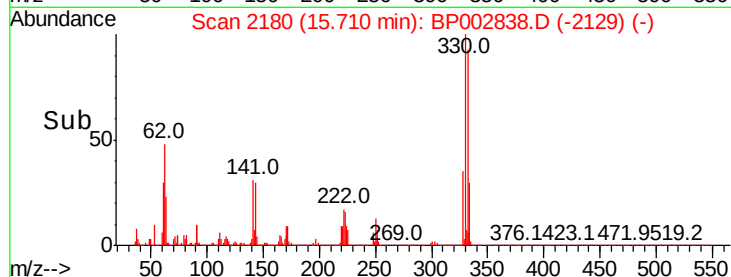
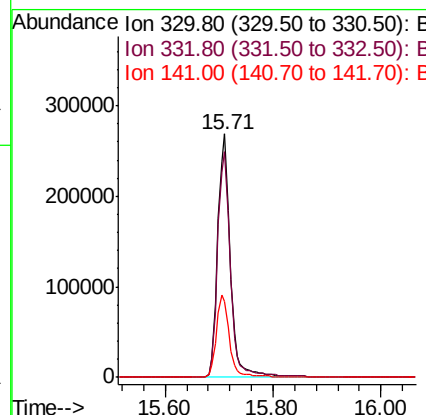
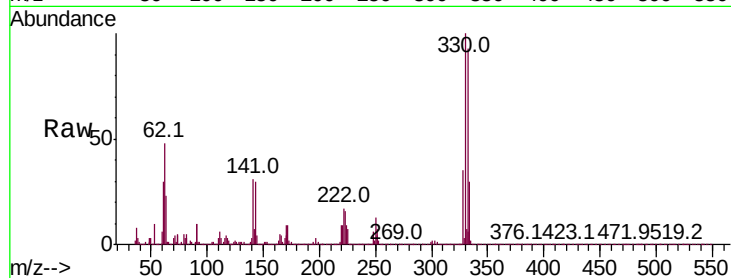




#42
2,4,6-Tribromophenol
Concen: 126.666 ng
RT: 15.71 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BP002838.D
Acq: 23 Jul 2020 13:48

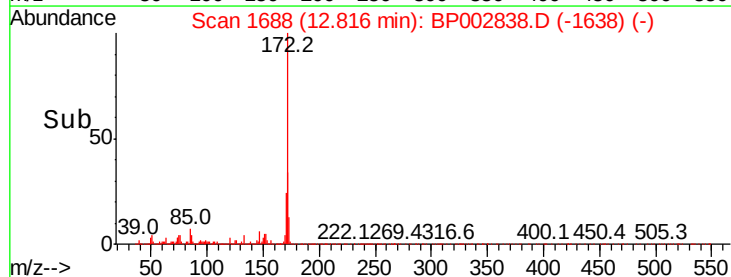
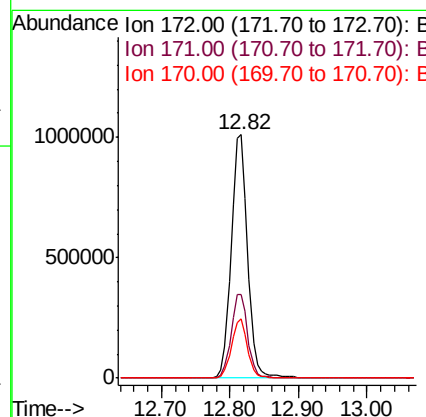
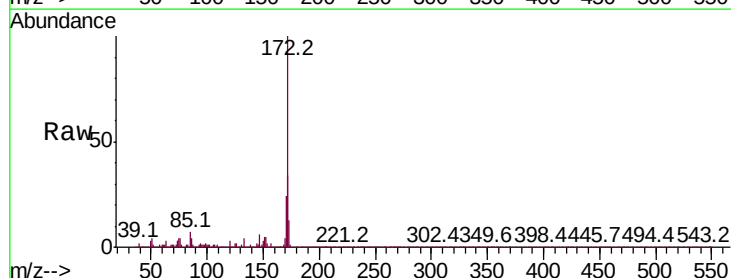
Instrument :
BNA_P
ClientSampleId :
PB130378BL

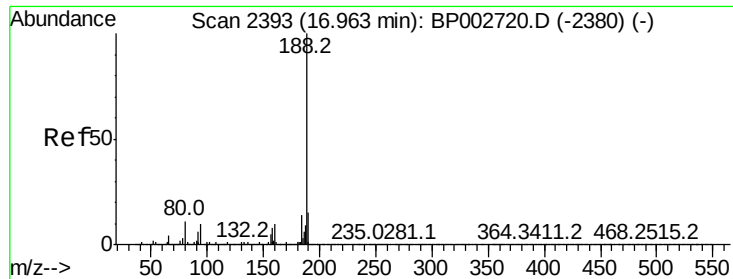
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.5	114.7
141	35.1	28.8	43.2



#45
2-Fluorobiphenyl
Concen: 78.350 ng
RT: 12.82 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BP002838.D
Acq: 23 Jul 2020 13:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.1	42.1
170	24.5	19.3	28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BP002838.D

Acq: 23 Jul 2020 13:48

Instrument :

BNA_P

ClientSampleId :

PB130378BL

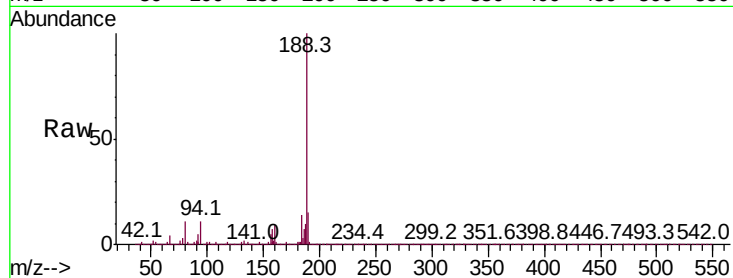
Tot Ion:188 Resp: 742259

Ion Ratio Lower Upper

188 100

94 10.6 8.1 12.1

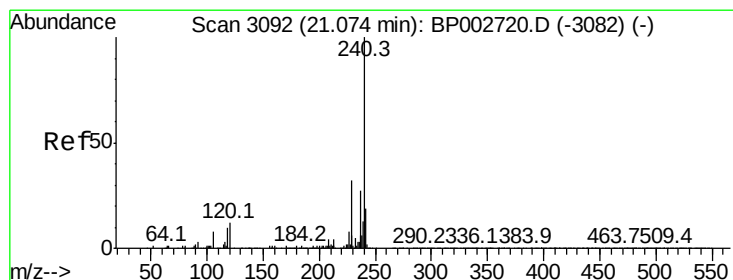
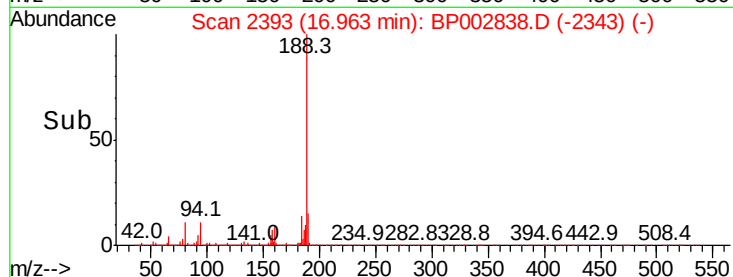
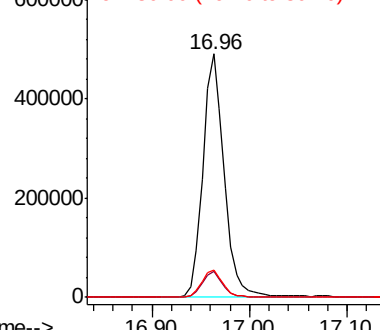
80 11.4 8.9 13.3



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: BP002838.D

Acq: 23 Jul 2020 13:48

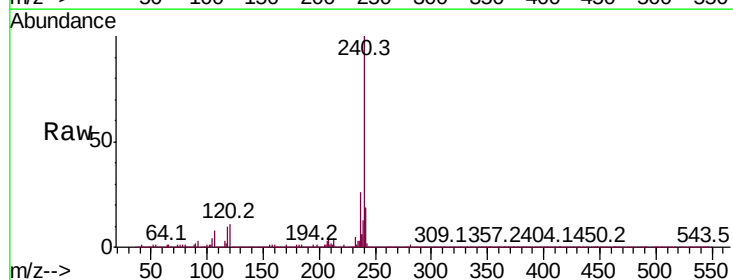
Tgt Ion:240 Resp: 766354

Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

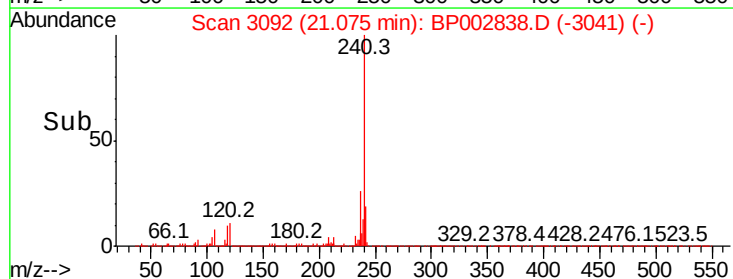
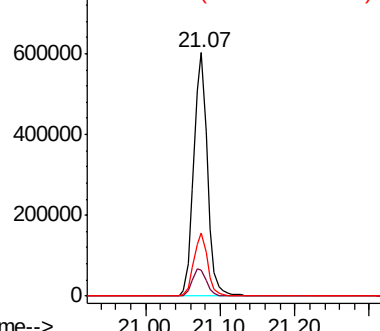
236 26.0 21.3 31.9

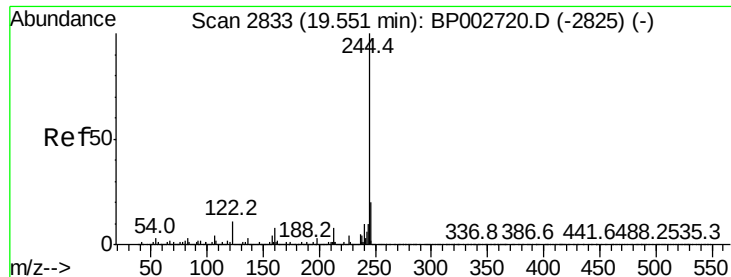


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.423 ng

RT: 19.55 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BP002838.D

Acq: 23 Jul 2020 13:48

Instrument :

BNA_P

ClientSampleId :

PB130378BL

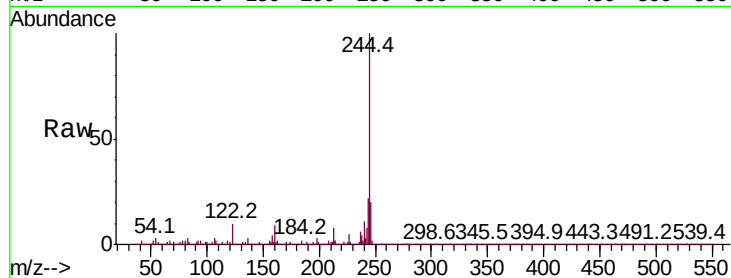
Tot Ion:244 Resp: 2220219

Ion Ratio Lower Upper

244 100

212 8.4 6.0 9.0

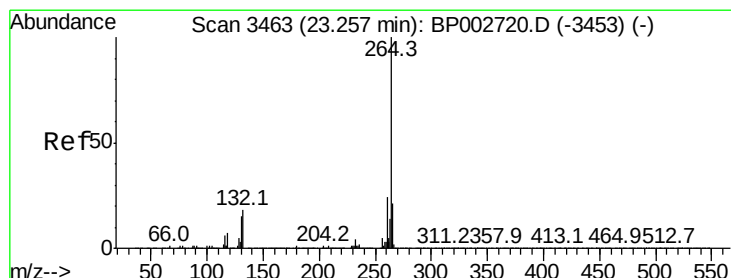
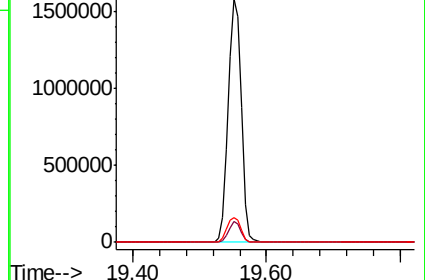
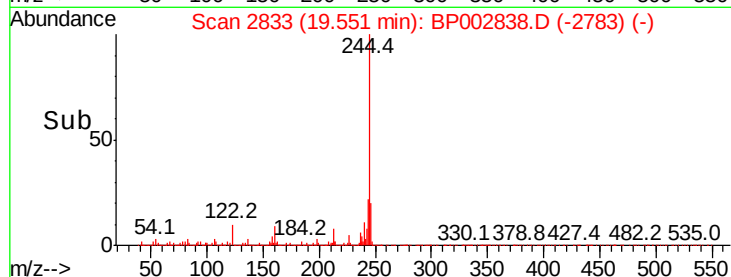
122 10.4 8.9 13.3



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: BP002838.D

Acq: 23 Jul 2020 13:48

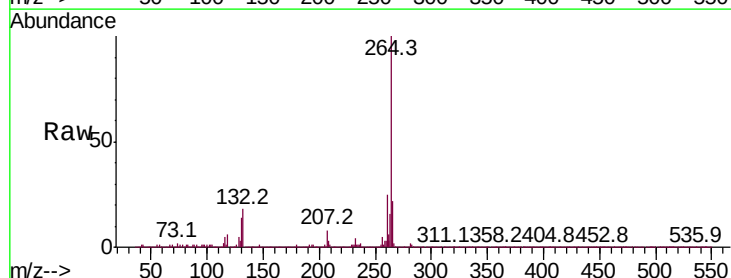
Tgt Ion:264 Resp: 718544

Ion Ratio Lower Upper

264 100

260 25.0 19.3 28.9

265 22.4 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

