

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
 Data File : BP002695.D
 Acq On : 09 Jul 2020 13:47
 Operator : CG/JU
 Sample : PB130047BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130047BL

Quant Time: Jul 09 14:53:47 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	189952	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	740985	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	454587	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	965044	20.00	ng	0.00
76) Chrysene-d12	21.09	240	937603	20.00	ng	0.00
86) Perylene-d12	23.29	264	987584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1437164	128.10	ng	0.00
7) Phenol-d6	6.77	99	1854520	118.43	ng	0.00
23) Nitrobenzene-d5	8.72	82	1244043	86.51	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	631376	114.19	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	2631394	85.20	ng	0.00
79) Terphenyl-d14	19.57	244	3693502	85.03	ng	0.00

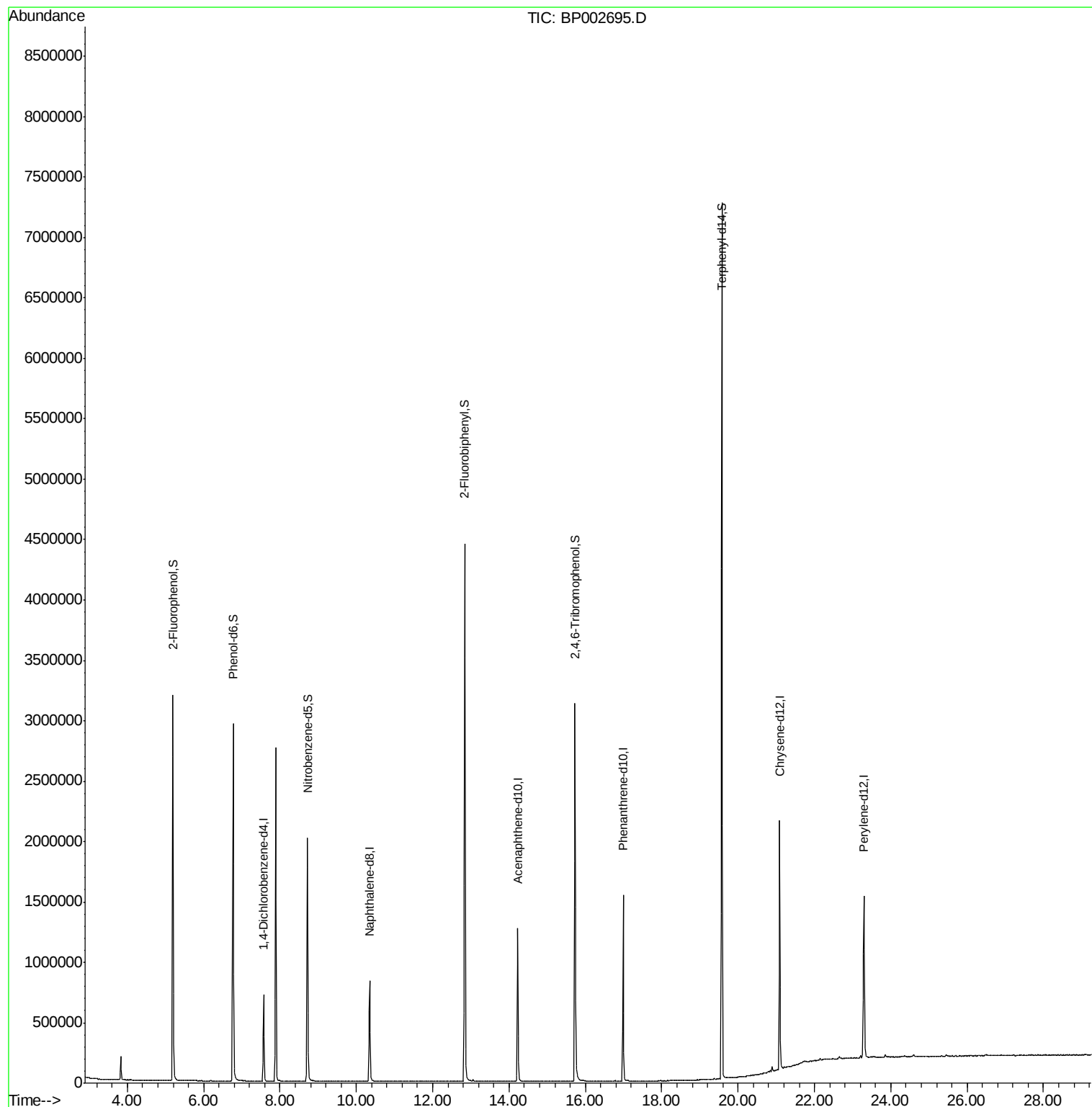
Target Compounds Qvalue

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

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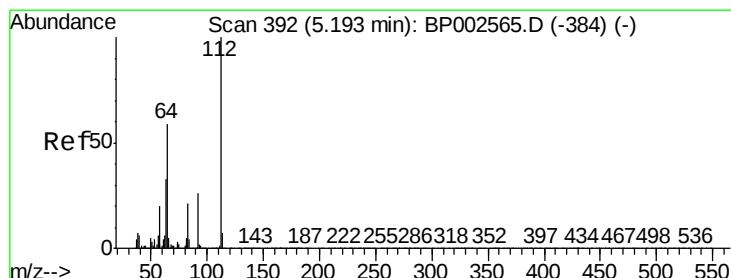
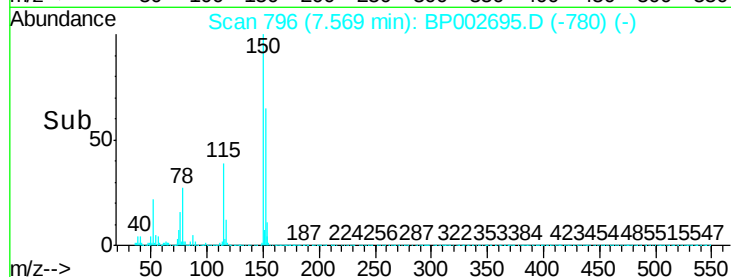
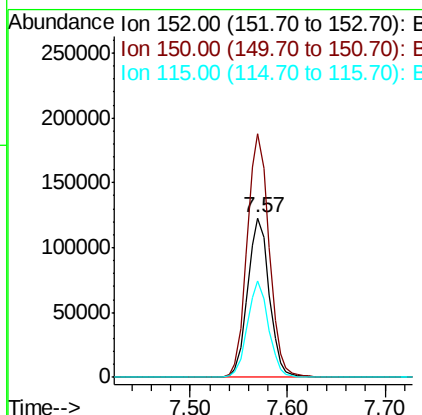
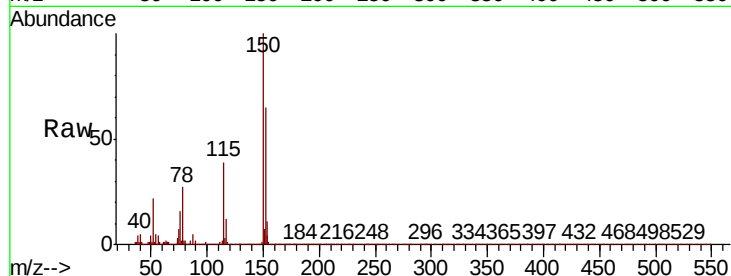


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002695.D
Acq: 09 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
PB130047BL

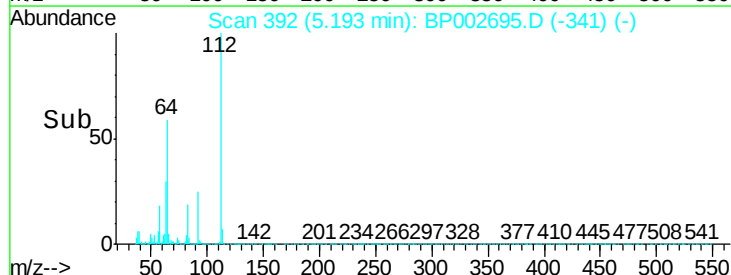
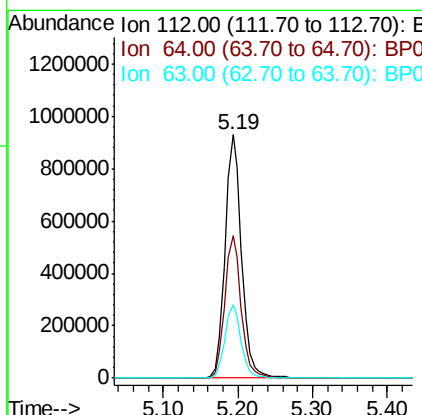
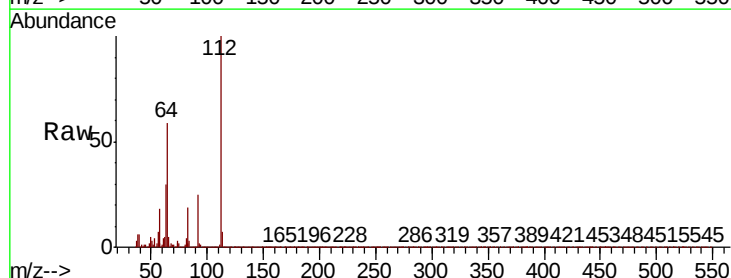
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.2	186.2
115	60.3	47.1	70.7

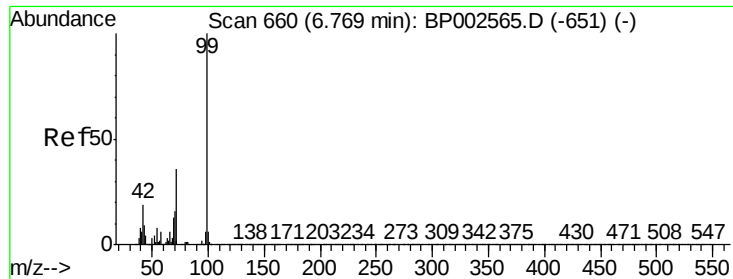


#5

2-Fluorophenol
Concen: 128.100 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002695.D
Acq: 09 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.0	70.6
63	29.9	26.1	39.1





#7

Phenol-d6

Concen: 118.432 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.00 min

Lab File: BP002695.D

Acq: 09 Jul 2020 13:47

Instrument :

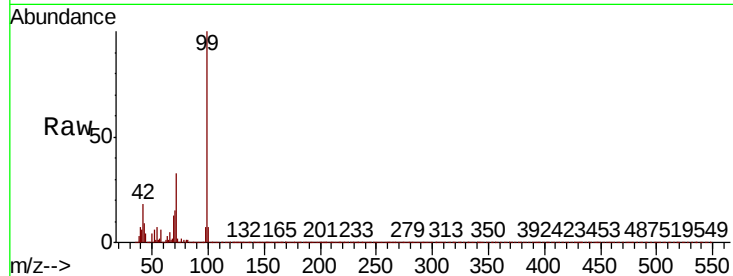
BNA_P

ClientSampleId :

PB130047BL

Tot Ion: 99 Resp: 1854520

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.5	23.3
71	32.7	28.9	43.3

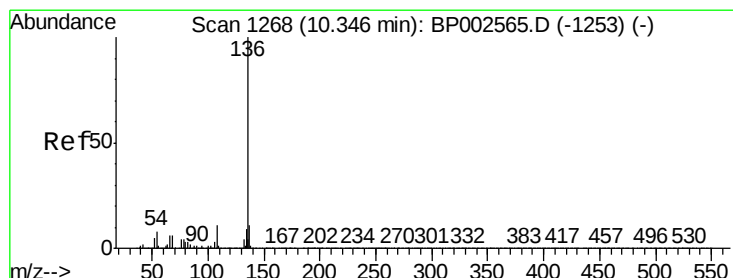
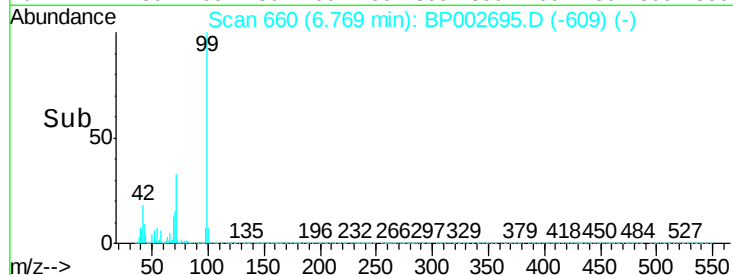


Abundance

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: 10.35 min Scan# 1268

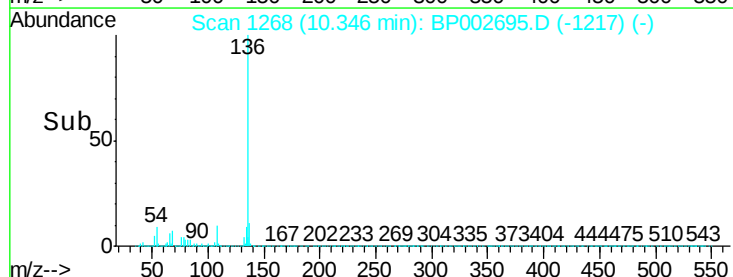
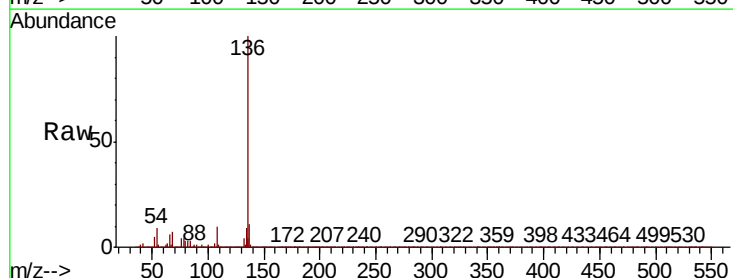
Delta R.T. -0.00 min

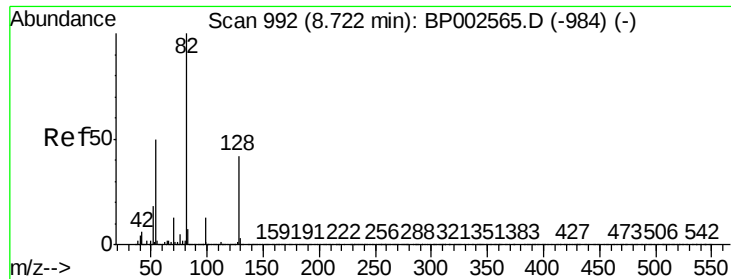
Lab File: BP002695.D

Acq: 09 Jul 2020 13:47

Tgt Ion: 136 Resp: 740985

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.7	6.4	9.6
68	7.1	5.1	7.7

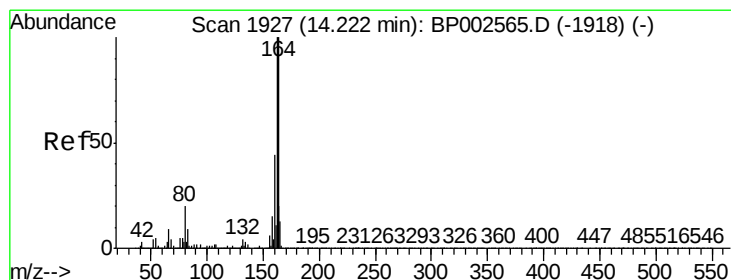
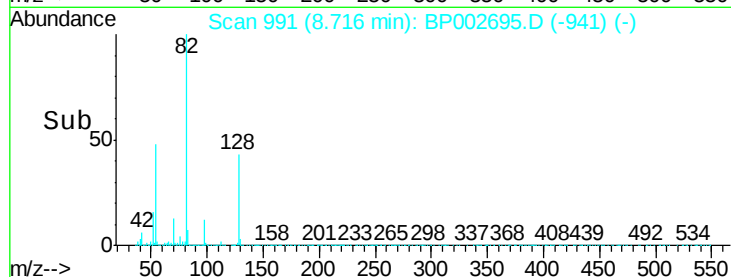
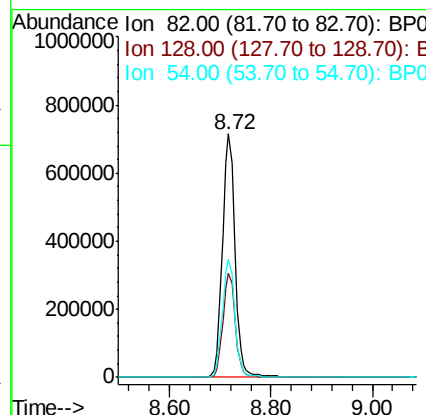
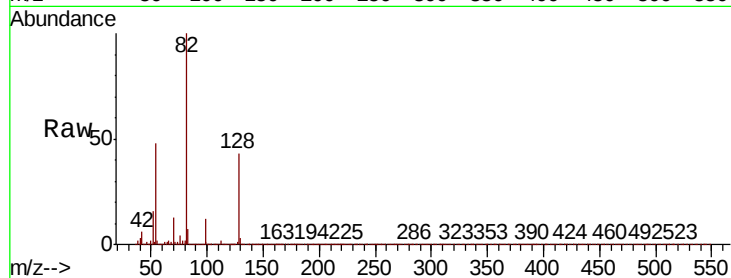




#23
Nitrobenzene-d5
Concen: 86.506 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002695.D
Acq: 09 Jul 2020 13:47

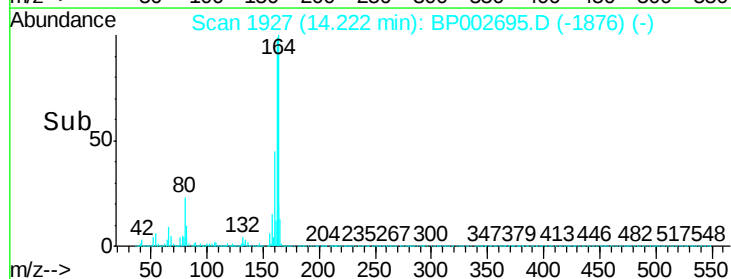
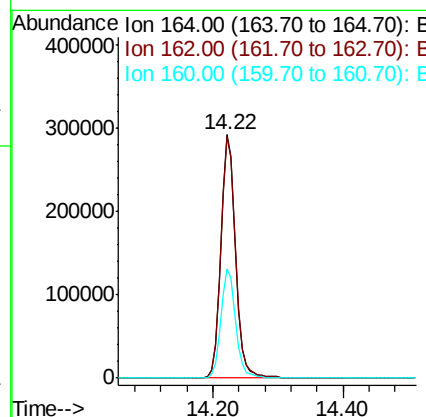
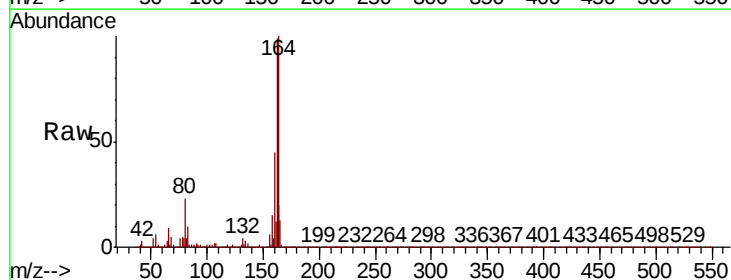
Instrument :
BNA_P
ClientSampleId :
PB130047BL

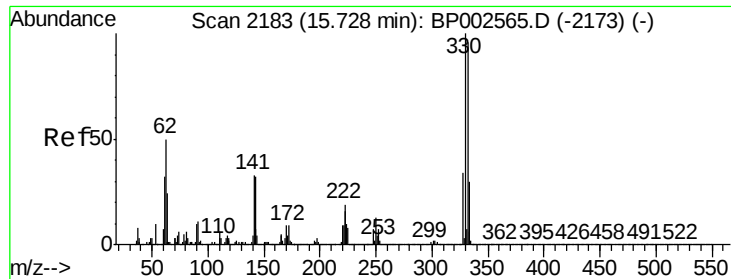
Tot Ion: 82 Resp: 1244043
Ion Ratio Lower Upper
82 100
128 42.9 33.4 50.2
54 48.3 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BP002695.D
Acq: 09 Jul 2020 13:47

Tgt Ion:164 Resp: 454587
Ion Ratio Lower Upper
164 100
162 99.2 80.3 120.5
160 44.9 35.0 52.6

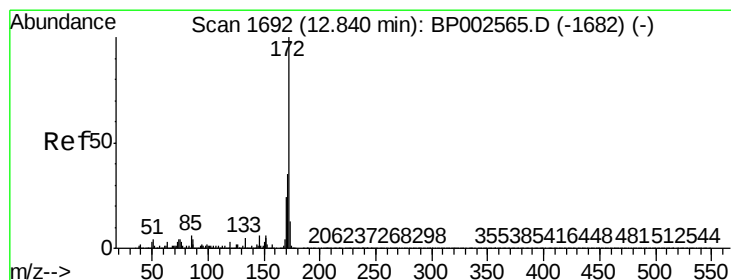
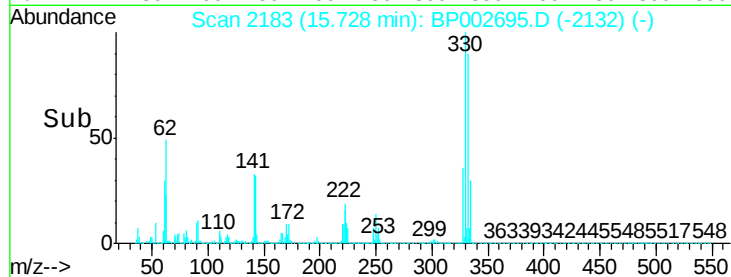
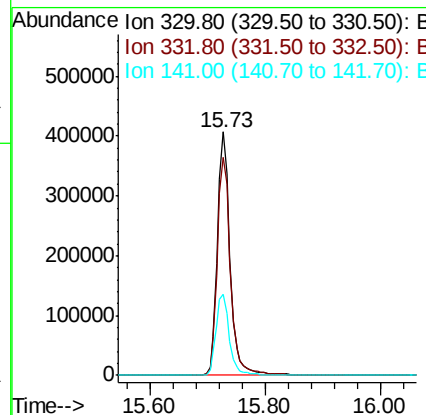
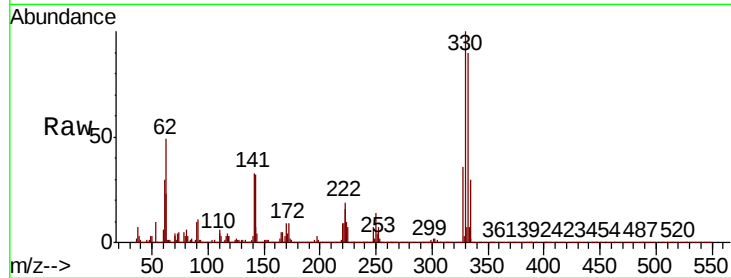




#42
 2,4,6-Tribromophenol
 Concen: 114.192 ng
 RT: 15.73 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BP002695.D
 Acq: 09 Jul 2020 13:47

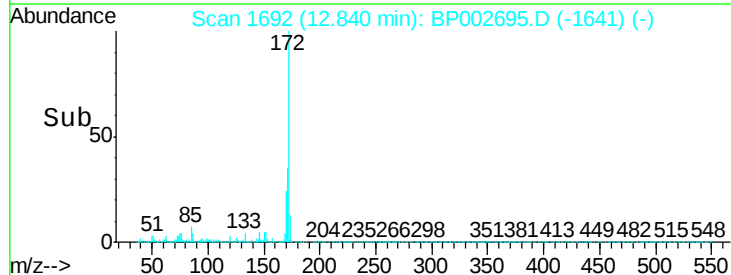
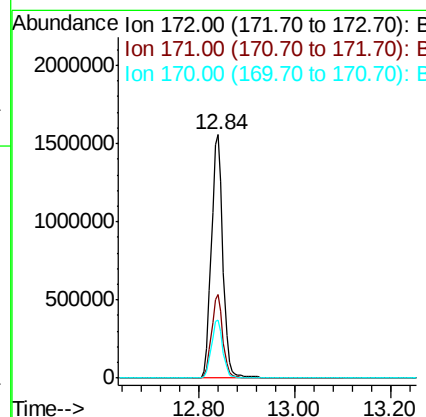
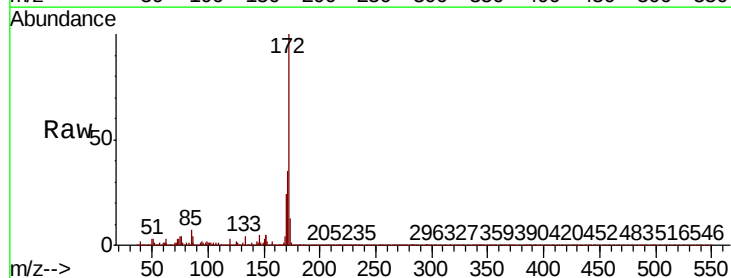
Instrument :
 BNA_P
 ClientSampleId :
 PB130047BL

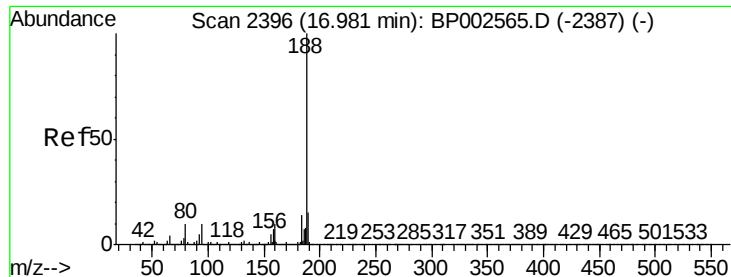
Tot Ion:330 Resp: 631376
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.7 116.5
 141 35.7 29.0 43.6



#45
 2-Fluorobiphenyl
 Concen: 85.198 ng
 RT: 12.84 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BP002695.D
 Acq: 09 Jul 2020 13:47

Tgt Ion:172 Resp: 2631394
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.0 42.0
 170 24.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2397

Delta R.T. 0.01 min

Lab File: BP002695.D

Acq: 09 Jul 2020 13:47

Instrument :

BNA_P

ClientSampleId :

PB130047BL

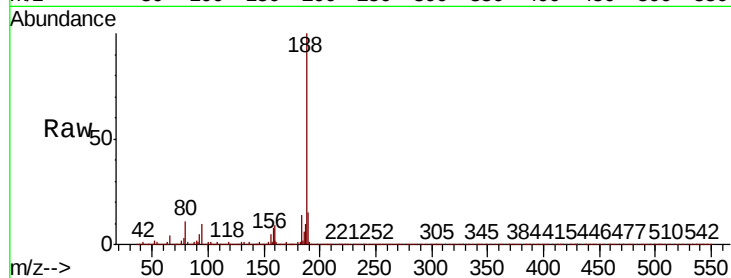
Tot Ion:188 Resp: 965044

Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.6

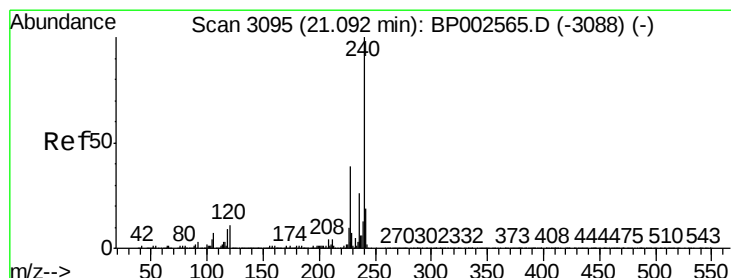
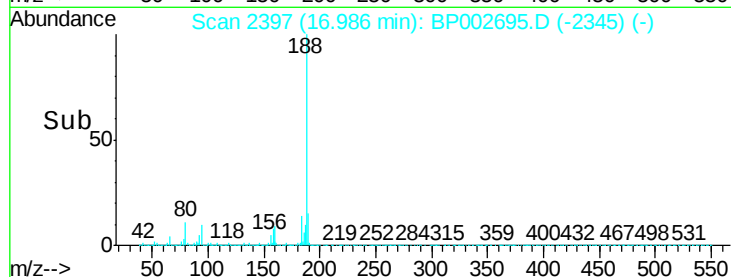
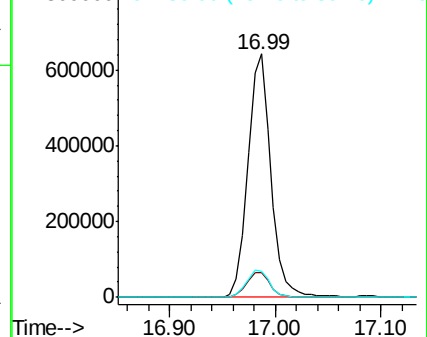
80 10.9 8.2 12.4



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: 21.09 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BP002695.D

Acq: 09 Jul 2020 13:47

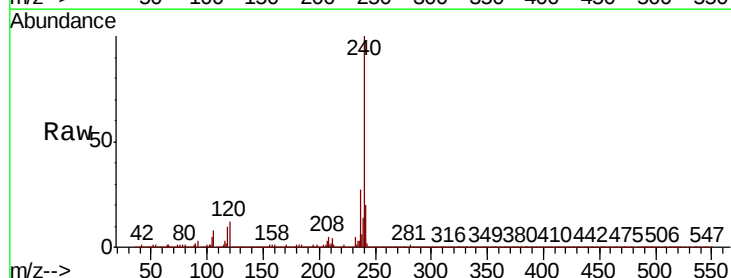
Tgt Ion:240 Resp: 937603

Ion Ratio Lower Upper

240 100

120 11.7 8.6 13.0

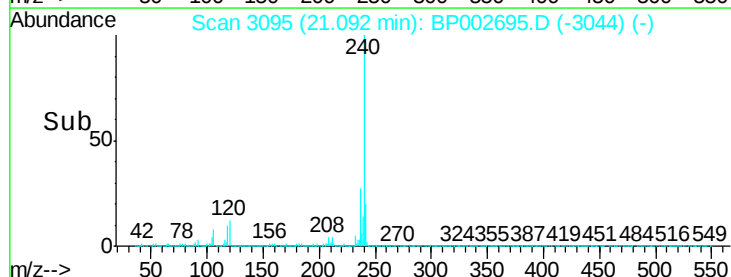
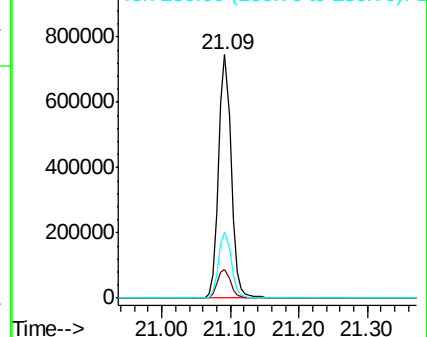
236 27.0 20.8 31.2

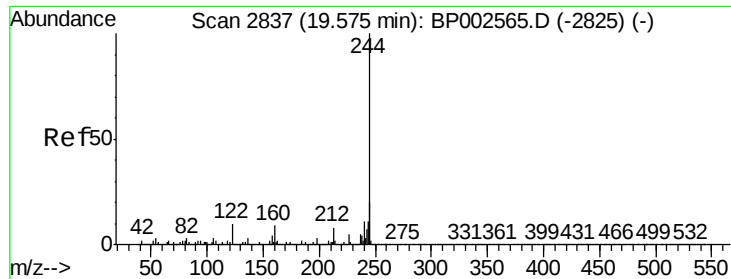


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.029 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BP002695.D

Acq: 09 Jul 2020 13:47

Instrument :

BNA_P

ClientSampleId :

PB130047BL

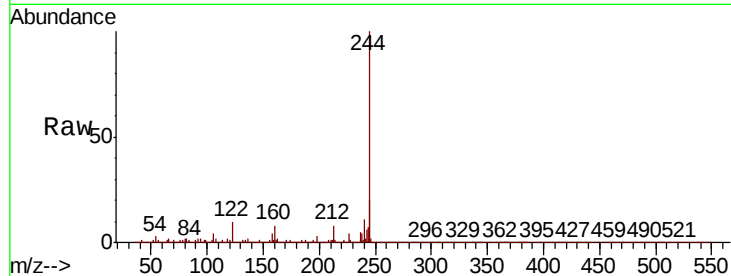
Tot Ion:244 Resp: 3693502

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

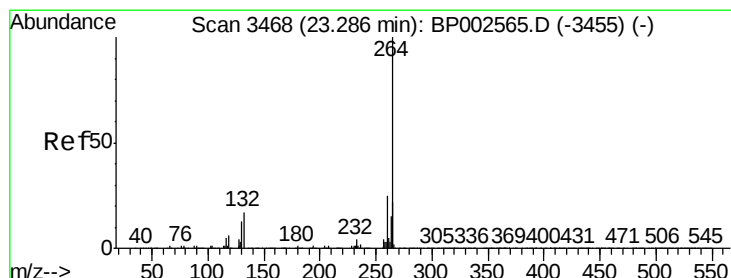
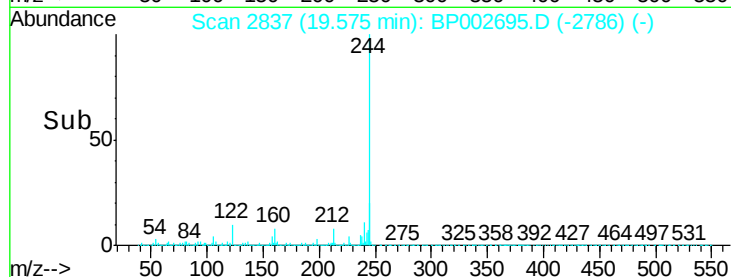
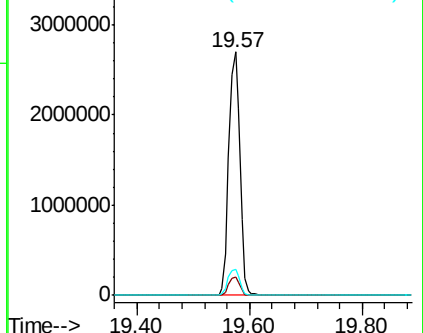
122 10.5 7.9 11.9



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: 23.29 min Scan# 3469

Delta R.T. 0.01 min

Lab File: BP002695.D

Acq: 09 Jul 2020 13:47

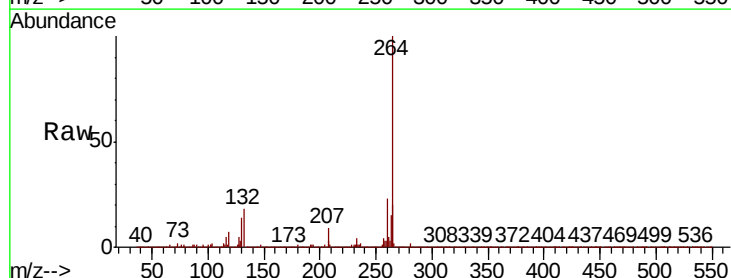
Tgt Ion:264 Resp: 987584

Ion Ratio Lower Upper

264 100

260 22.7 19.7 29.5

265 19.7 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

