

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
 Data File : BP002676.D
 Acq On : 08 Jul 2020 15:44
 Operator : CG/JU
 Sample : L3215-11DL2 50X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-14DL2

Quant Time: Jul 09 07:14:58 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

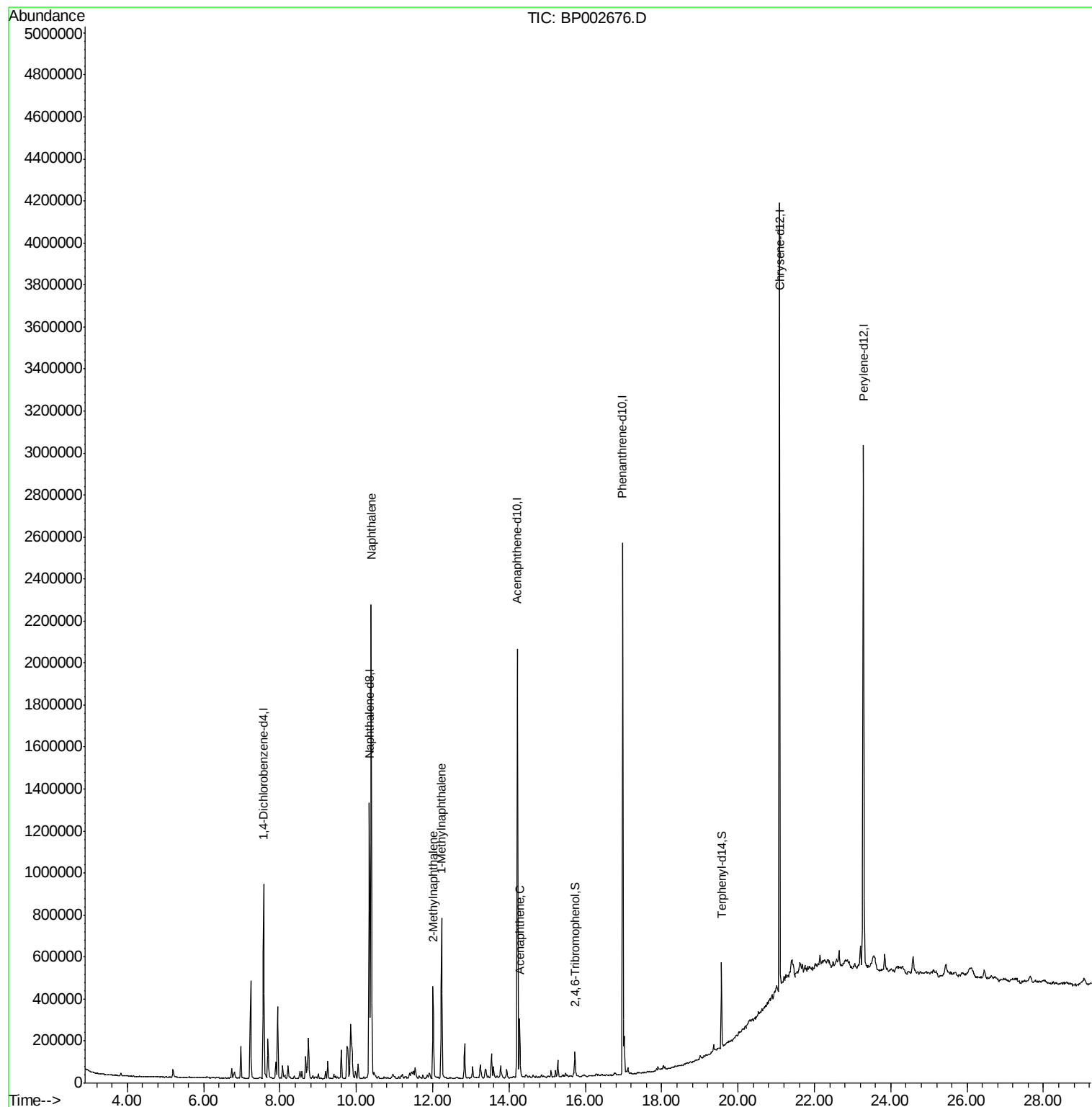
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	263168	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1096522	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	712292	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1617586	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1853785	20.00	ng	0.00
86) Perylene-d12	23.28	264	1786208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	20135	1.30	ng	0.01
7) Phenol-d6	6.79	99	14841	0.68	ng	0.02
23) Nitrobenzene-d5	8.72	82	35071	1.65	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	30535	3.52	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	95701	1.98	ng	0.00
79) Terphenyl-d14	19.56	244	195570	2.28	ng	-0.01
Target Compounds						
31) Naphthalene	10.39	128	1904412	32.808	ng	99
37) 2-Methylnaphthalene	12.01	142	230154	5.438	ng	95
38) 1-Methylnaphthalene	12.23	142	369957	9.281	ng	100
52) Acenaphthene	14.28	154	97261	2.388	ng	98

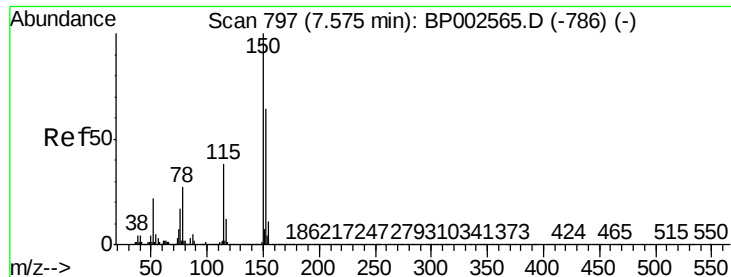
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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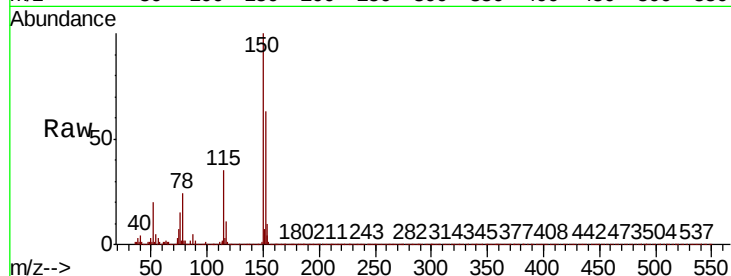


#1

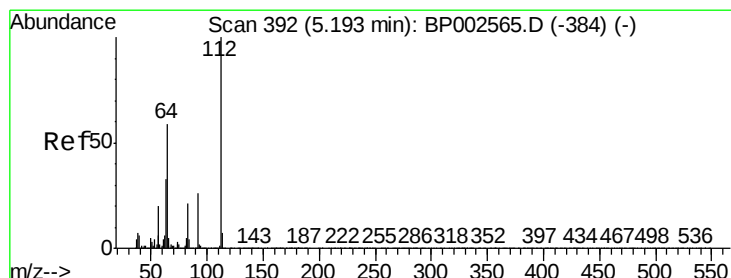
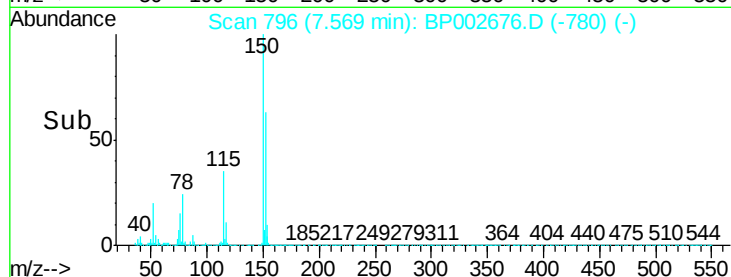
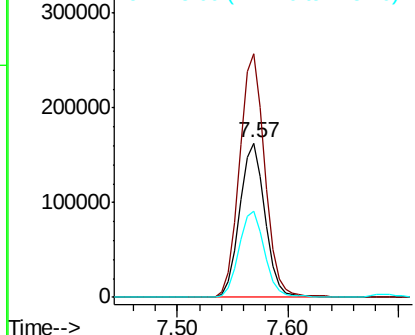
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002676.D
Acq: 08 Jul 2020 15:44

Instrument :
BNA_P
ClientSampleId :
MW-14DL2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.2	186.2
115	55.8	47.1	70.7



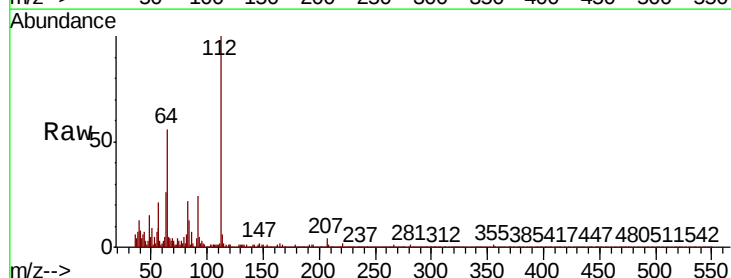
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



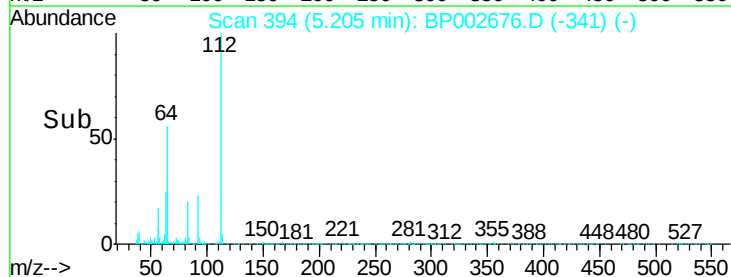
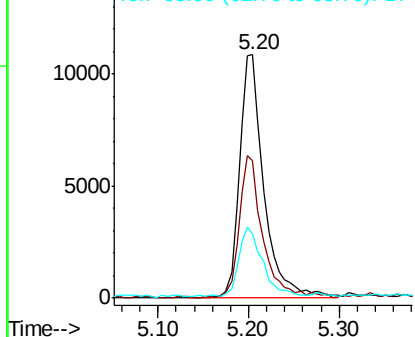
#5

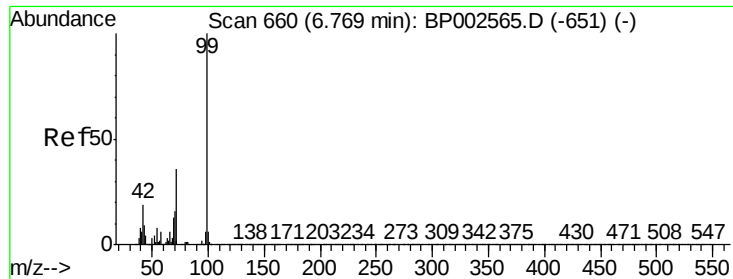
2-Fluorophenol
Concen: 1.295 ng
RT: 5.20 min Scan# 394
Delta R.T. 0.01 min
Lab File: BP002676.D
Acq: 08 Jul 2020 15:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.0	70.6
63	26.4	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: 0.684 ng

RT: 6.79 min Scan# 663

Delta R.T. 0.02 min

Lab File: BP002676.D

Acq: 08 Jul 2020 15:44

Instrument :

BNA_P

ClientSampleId :

MW-14DL2

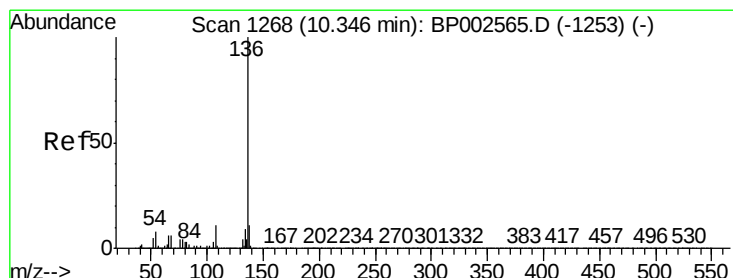
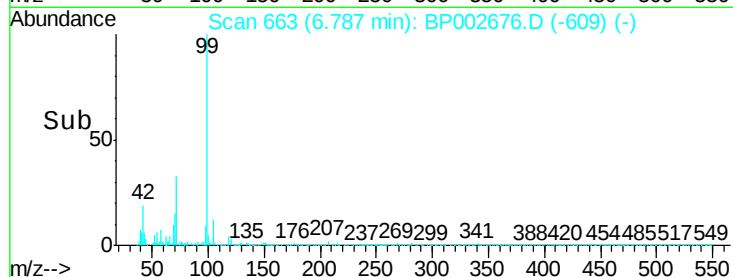
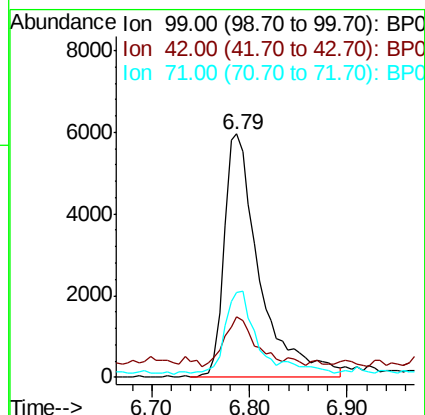
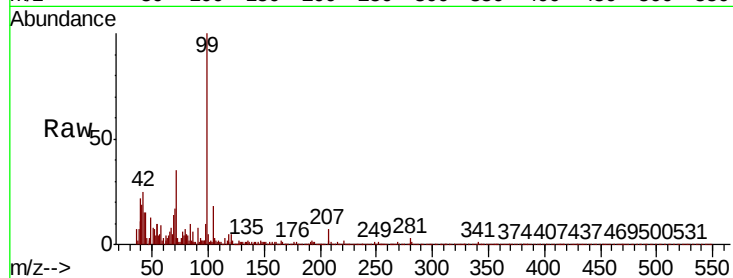
Tot Ion: 99 Resp: 14841

Ion Ratio Lower Upper

99 100

42 25.1 15.5 23.3#

71 35.0 28.9 43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP002676.D

Acq: 08 Jul 2020 15:44

Tgt Ion: 136 Resp: 1096522

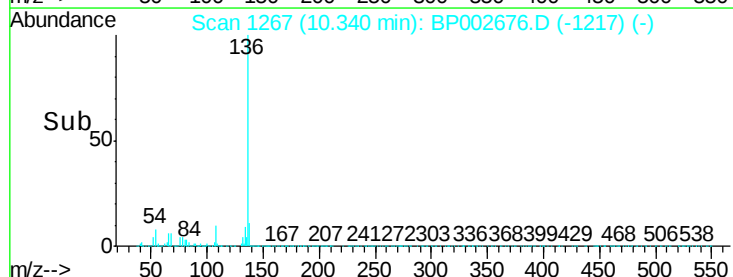
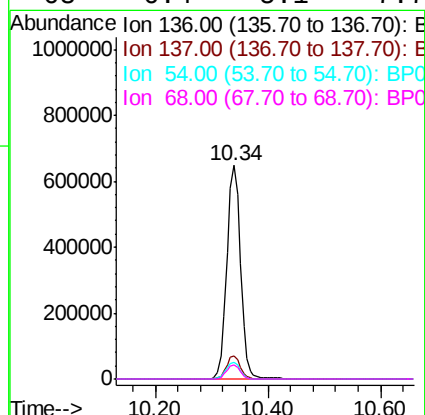
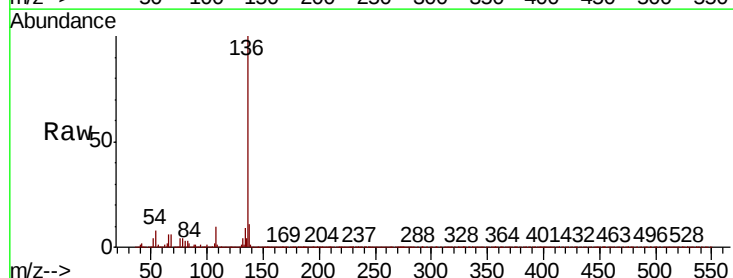
Ion Ratio Lower Upper

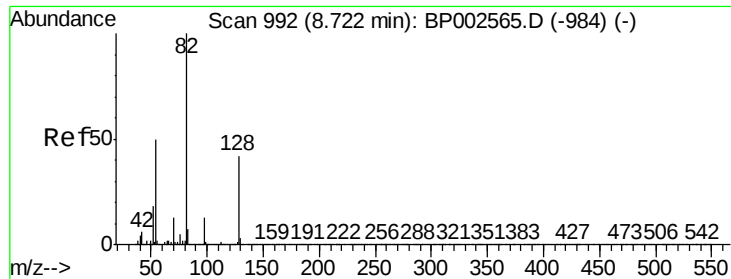
136 100

137 11.0 8.8 13.2

54 7.8 6.4 9.6

68 6.4 5.1 7.7

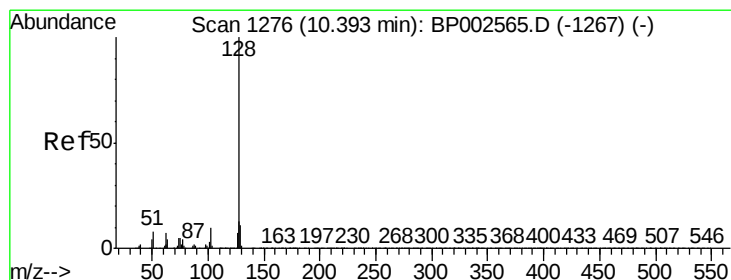
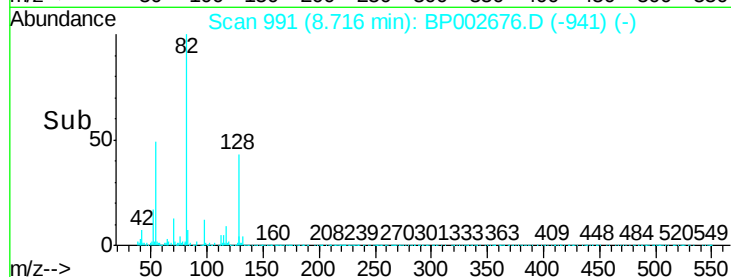
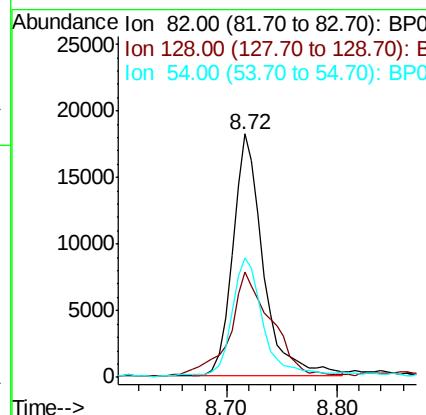
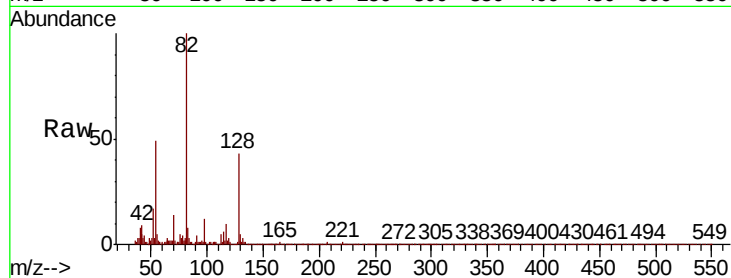




#23
 Nitrobenzene-d5
 Concen: 1.648 ng
 RT: 8.72 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BP002676.D
 Acq: 08 Jul 2020 15:44

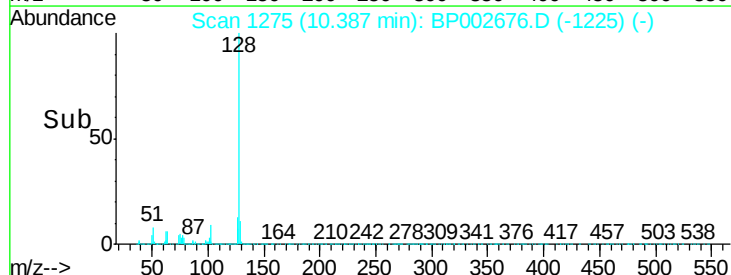
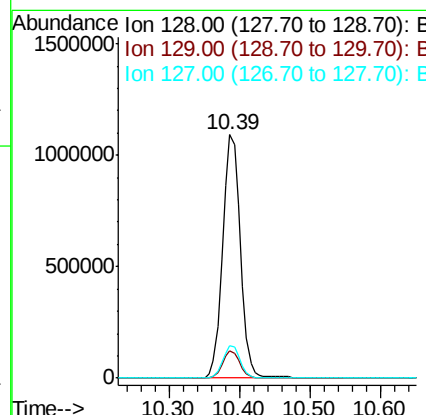
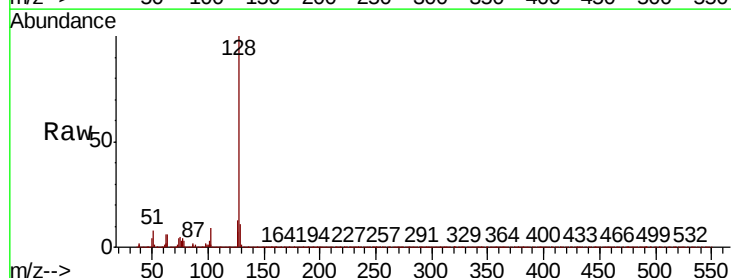
Instrument :
 BNA_P
 ClientSampleId :
 MW-14DL2

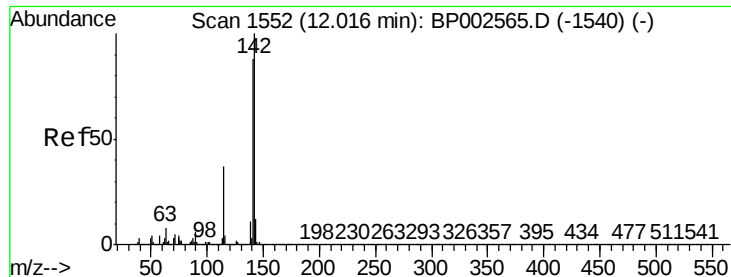
Tot Ion	82	Resp	35071
Ion Ratio	Lower	Upper	
82	100		
128	43.1	33.4	50.2
54	48.9	40.1	60.1



#31
 Naphthalene
 Concen: 32.808 ng
 RT: 10.39 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BP002676.D
 Acq: 08 Jul 2020 15:44

Tgt Ion	128	Resp	1904412
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.6	13.0
127	13.4	10.3	15.5

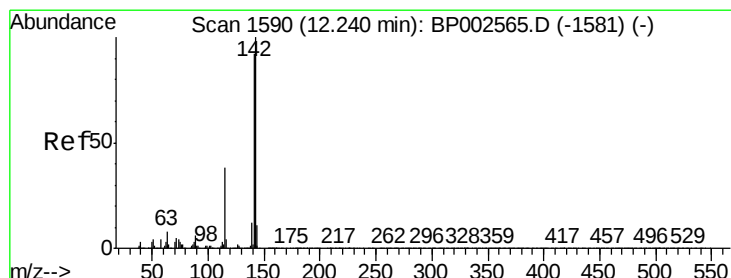
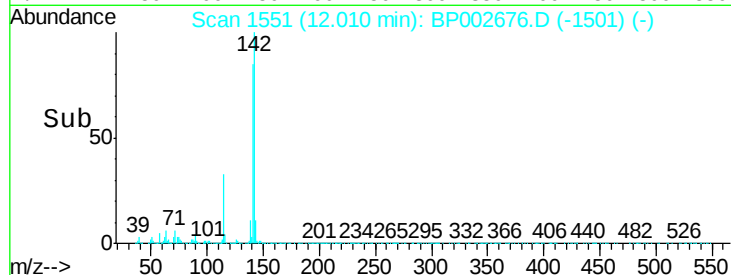
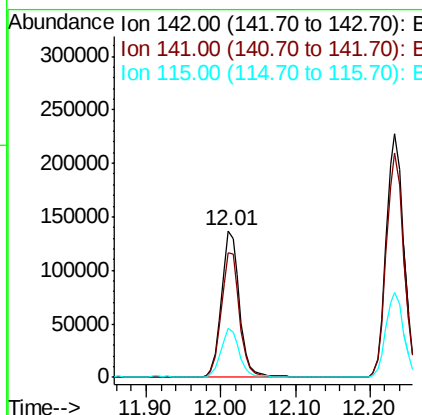
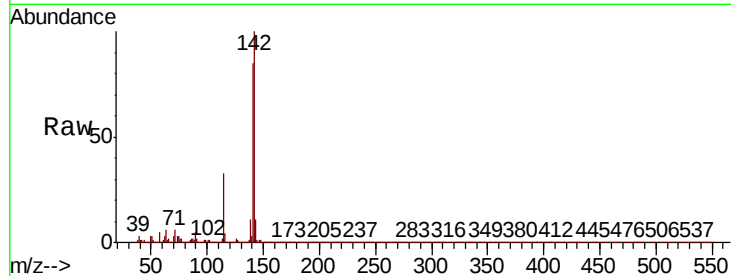




#37
2-Methylnaphthalene
Concen: 5.438 ng
RT: 12.01 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BP002676.D
Acq: 08 Jul 2020 15:44

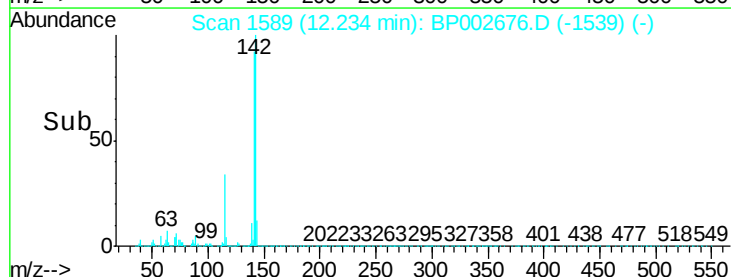
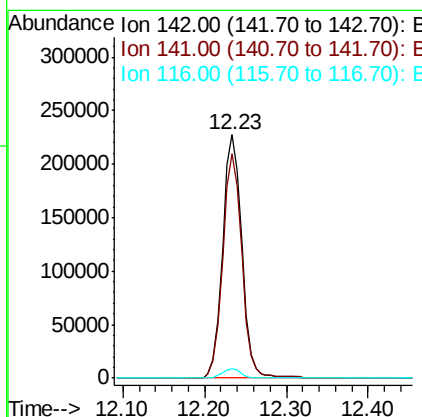
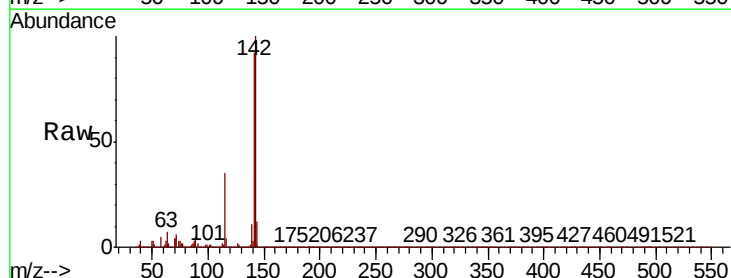
Instrument :
BNA_P
ClientSampleId :
MW-14DL2

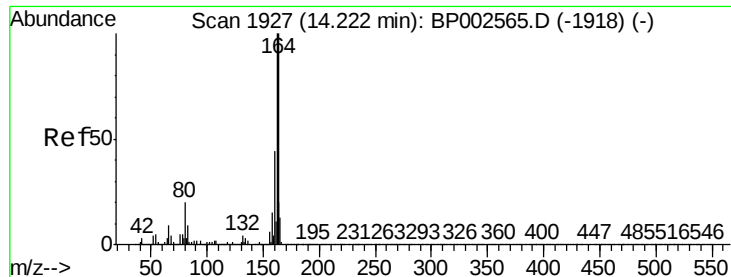
Tot Ion	Ratio	Lower	Upper
142	100		
141	84.7	70.7	106.1
115	33.5	29.7	44.5



#38
1-Methylnaphthalene
Concen: 9.281 ng
RT: 12.23 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP002676.D
Acq: 08 Jul 2020 15:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.4	110.2
116	3.8	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BP002676.D

Acq: 08 Jul 2020 15:44

Instrument :

BNA_P

ClientSampleId :

MW-14DL2

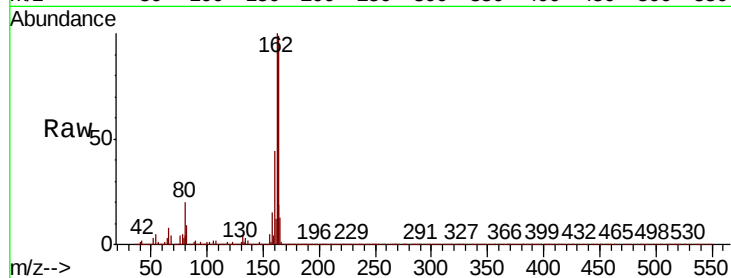
Tot Ion:164 Resp: 712292

Ion Ratio Lower Upper

164 100

162 101.2 80.3 120.5

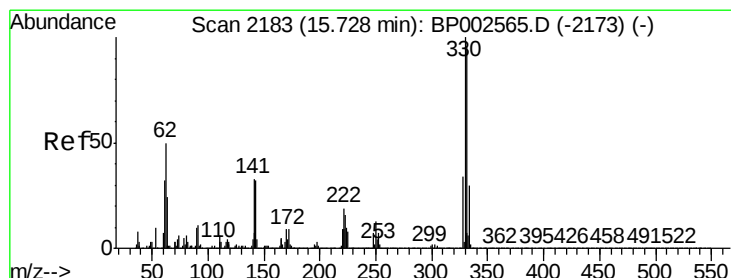
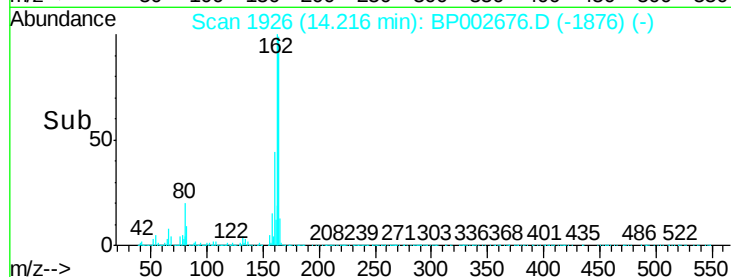
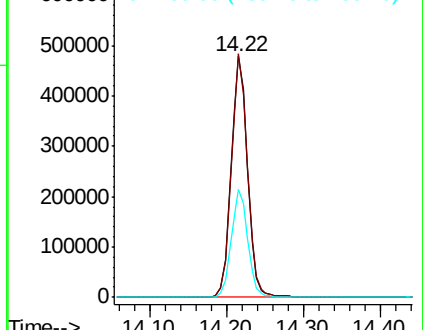
160 44.9 35.0 52.6



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: 3.525 ng

RT: 15.73 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BP002676.D

Acq: 08 Jul 2020 15:44

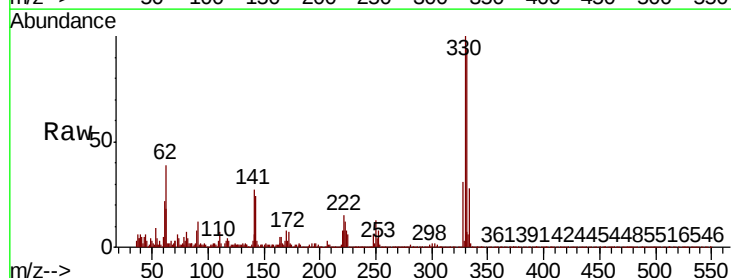
Tgt Ion:330 Resp: 30535

Ion Ratio Lower Upper

330 100

332 96.5 77.7 116.5

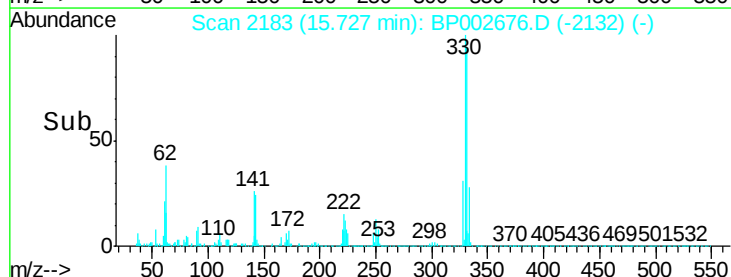
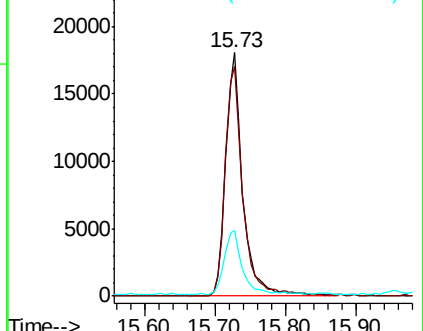
141 26.8 29.0 43.6#

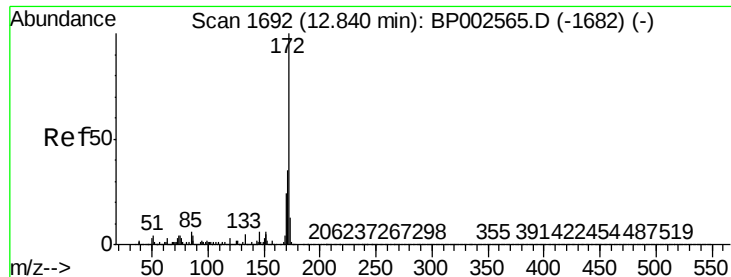


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

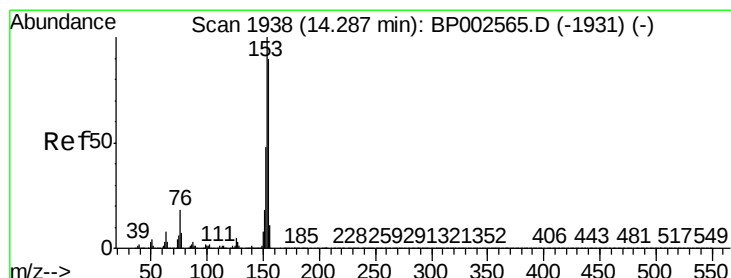
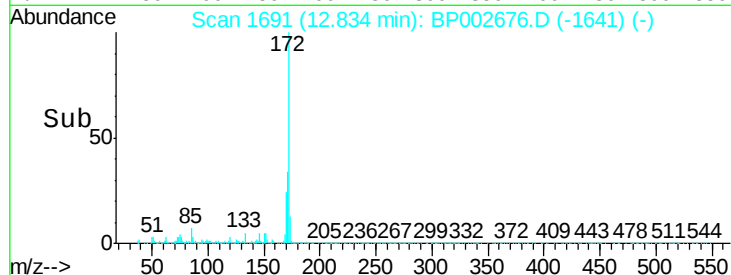
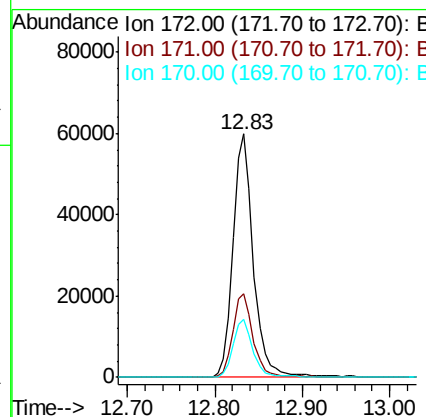
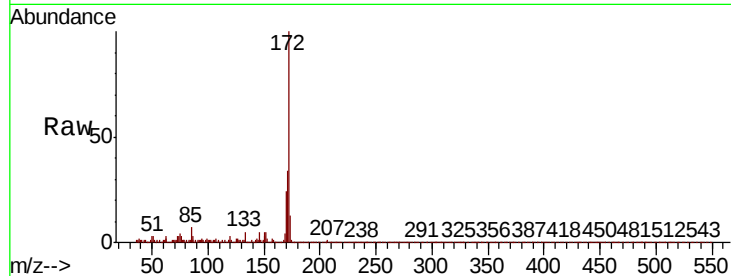




#45
2-Fluorobiphenyl
Concen: 1.978 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002676.D
Acq: 08 Jul 2020 15:44

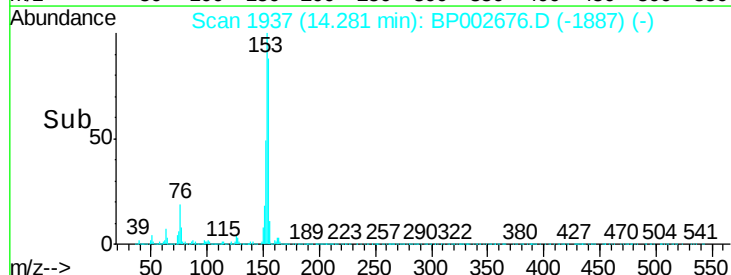
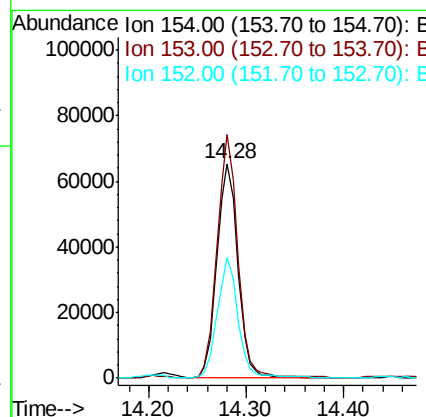
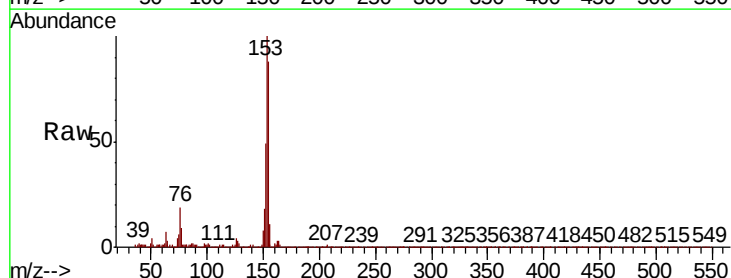
Instrument :
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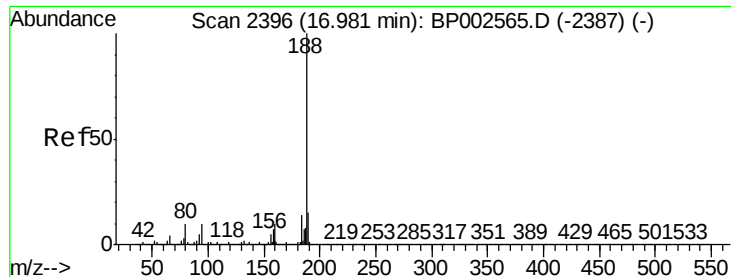
Tot Ion:172 Resp: 95701
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 24.1 19.0 28.4



#52
Acenaphthene
Concen: 2.388 ng
RT: 14.28 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BP002676.D
Acq: 08 Jul 2020 15:44

Tgt Ion:154 Resp: 97261
Ion Ratio Lower Upper
154 100
153 113.5 89.1 133.7
152 56.0 43.2 64.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BP002676.D

Acq: 08 Jul 2020 15:44

Instrument :

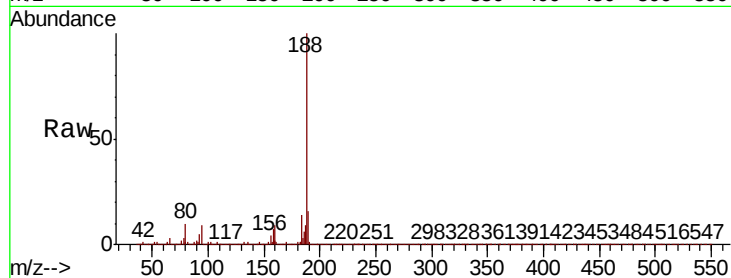
BNA_P

ClientSampleId :

MW-14DL2

Tot Ion:188 Resp: 1617586

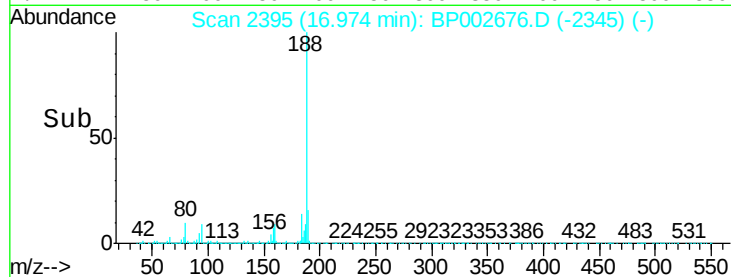
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.8	11.6
80	10.2	8.2	12.4



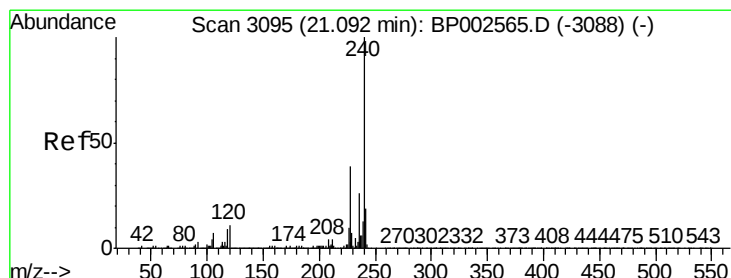
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

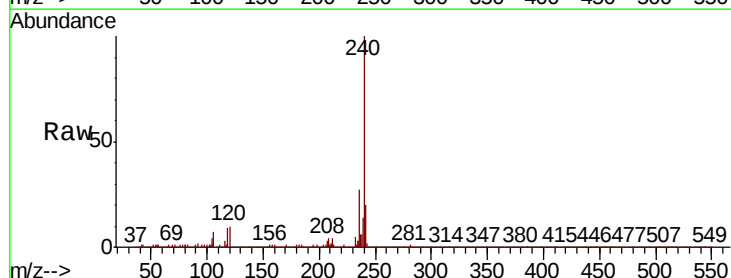
Delta R.T. -0.01 min

Lab File: BP002676.D

Acq: 08 Jul 2020 15:44

Tgt Ion:240 Resp: 1853785

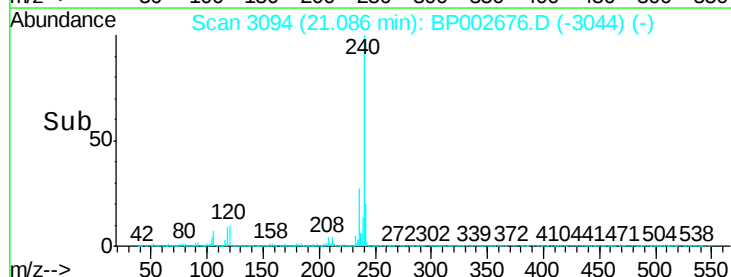
Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.6	13.0
236	26.8	20.8	31.2



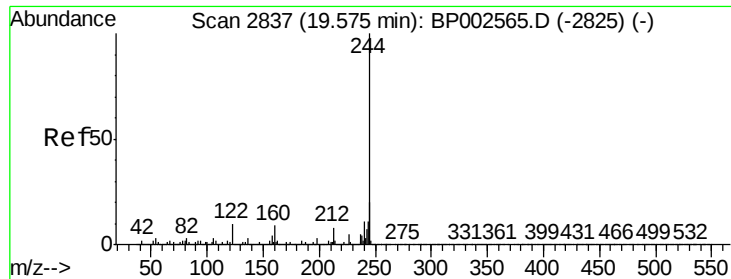
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#79

Terphenyl-d14

Concen: 2.277 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BP002676.D

Acq: 08 Jul 2020 15:44

Instrument :

BNA_P

ClientSampleId :

MW-14DL2

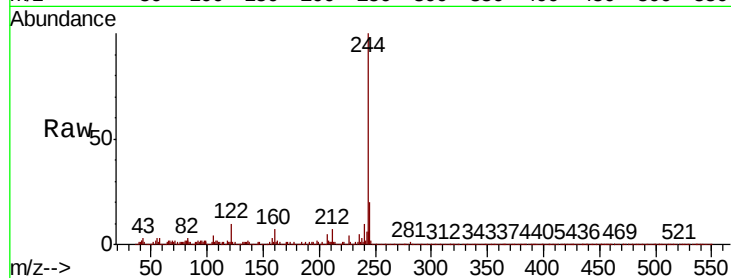
Tot Ion:244 Resp: 195570

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

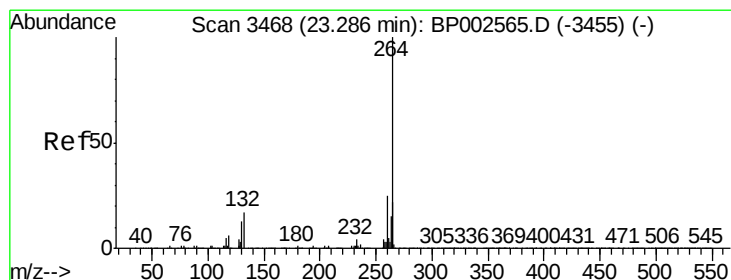
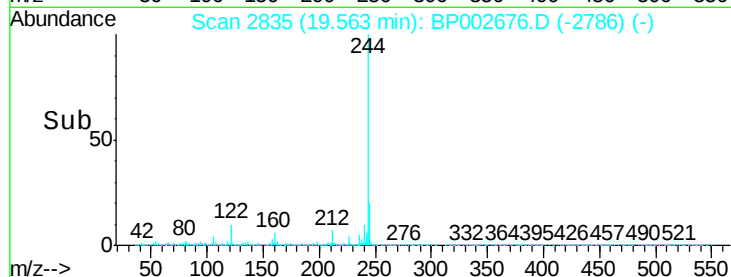
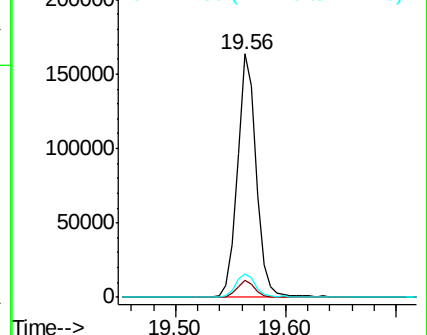
122 9.8 7.9 11.9



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: BP002676.D

Acq: 08 Jul 2020 15:44

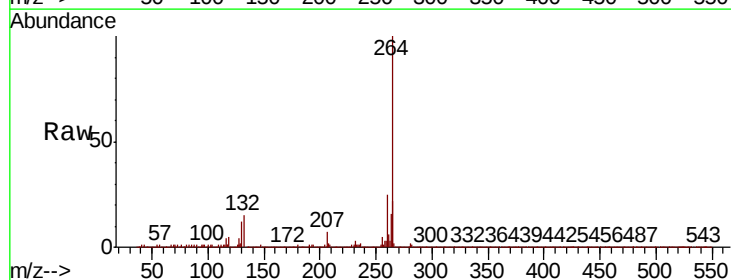
Tgt Ion:264 Resp: 1786208

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

265 22.3 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

