Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
Data File : BP002673.D
Acq On : 08 Jul 2020 14:02
Operator : CG/JU
Sample : L3215-14DL 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-12DL

Quant Time: Jul 08 15:13:32 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	220375	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	904700	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	585855	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1362274	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1636612	20.00	ng	0.00
86) Perylene-d12	23.28	264	1733682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	44063	3.39	ng	0.00
7) Phenol-d6	6.77	99	39378	2.17	ng	0.00
23) Nitrobenzene-d5	8.72	82	64706	3.69	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	50771	7.13	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	165569	4.16	ng	0.00
79) Terphenyl-d14	19.56	244	345101	4.55	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.39	128	2595714	54.199	ng	99
37) 2-Methylnaphthalene	12.01	142	361327	10.347	ng	98
38) 1-Methylnaphthalene	12.23	142	524752	15.956	ng	99
52) Acenaphthene	14.28	154	107599	3.212	ng	99
71) Phenanthrene	17.02	178	169095	2.307	ng	98

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

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Acq On : 08 Jul 2020 14:02
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Misc :
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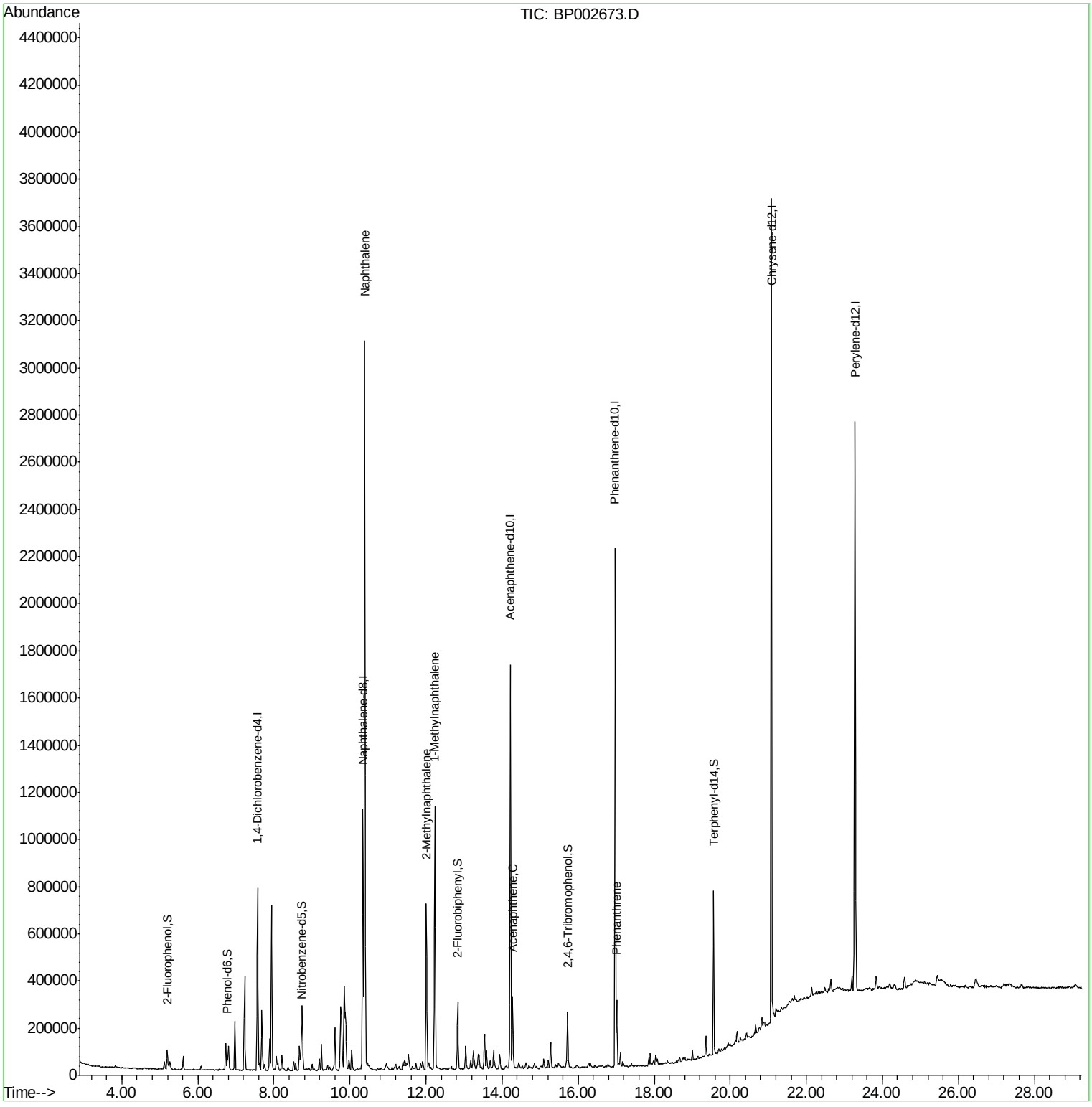
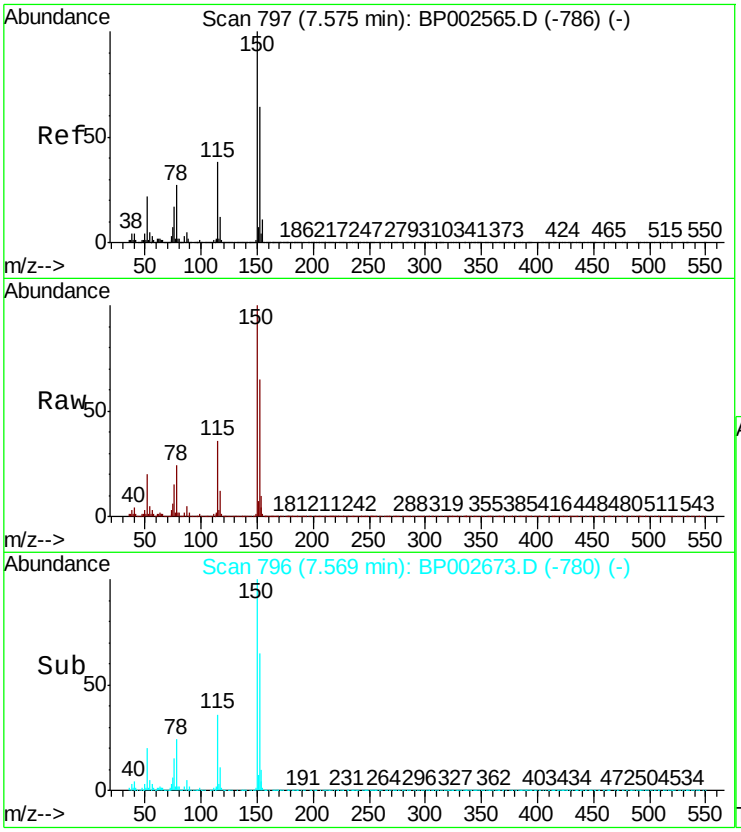
MW-12DL

Quant Time: Jul 08 15:13:32 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



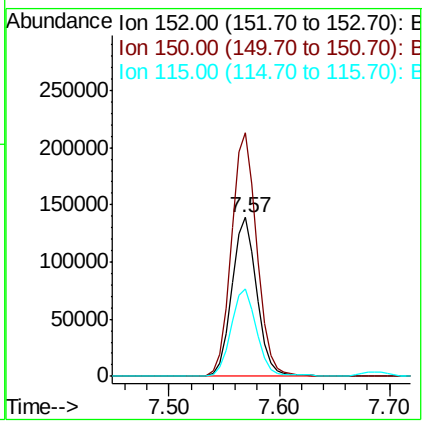


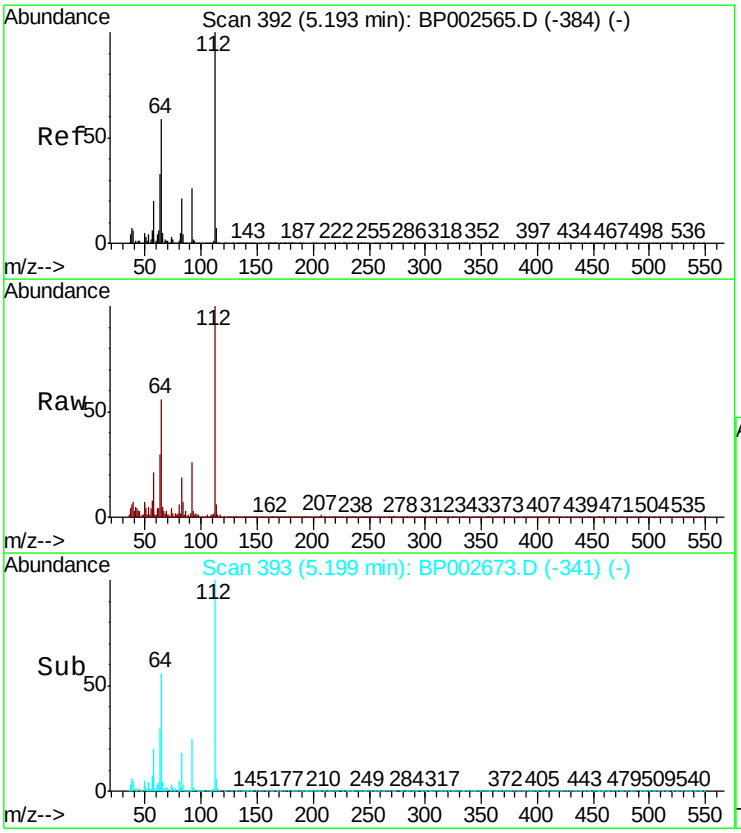
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002673.D
Acq: 08 Jul 2020 14:02

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:152 Resp: 220375

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.2	186.2
115	55.0	47.1	70.7

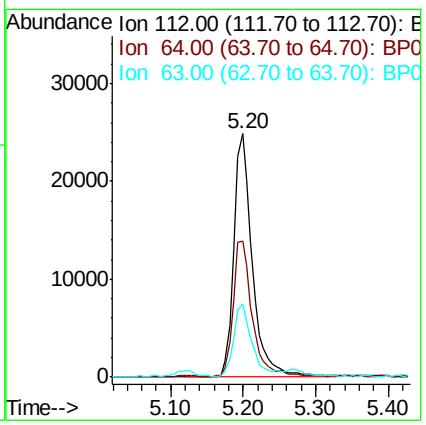


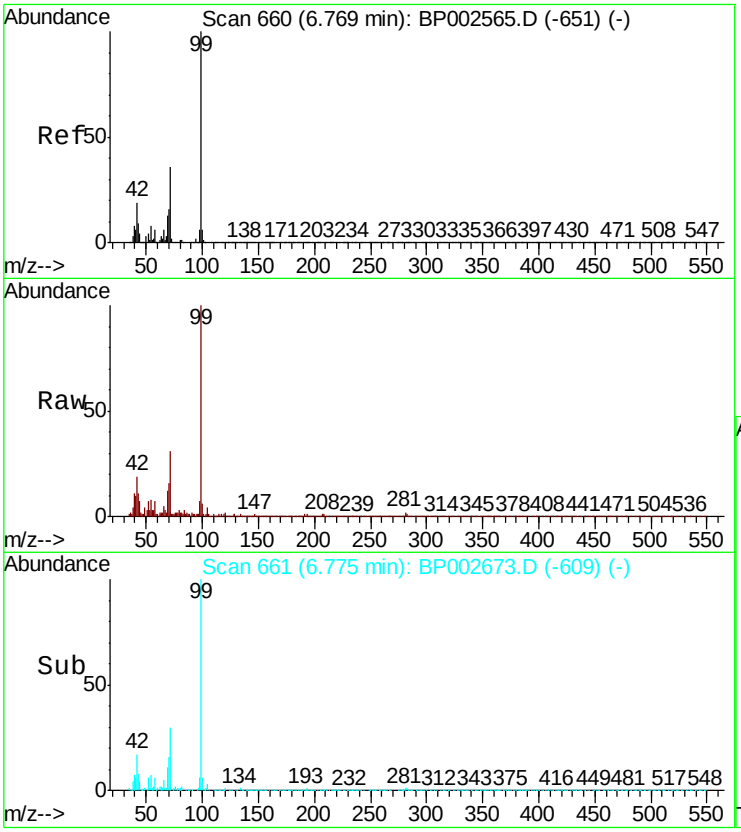


#5
2-Fluorophenol
Concen: 3.385 ng
RT: 5.20 min Scan# 393
Delta R.T. 0.01 min
Lab File: BP002673.D
Acq: 08 Jul 2020 14:02

Tgt Ion:112 Resp: 44063

Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.0	70.6
63	29.9	26.1	39.1



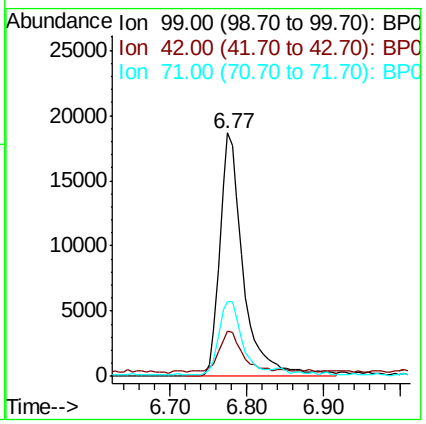


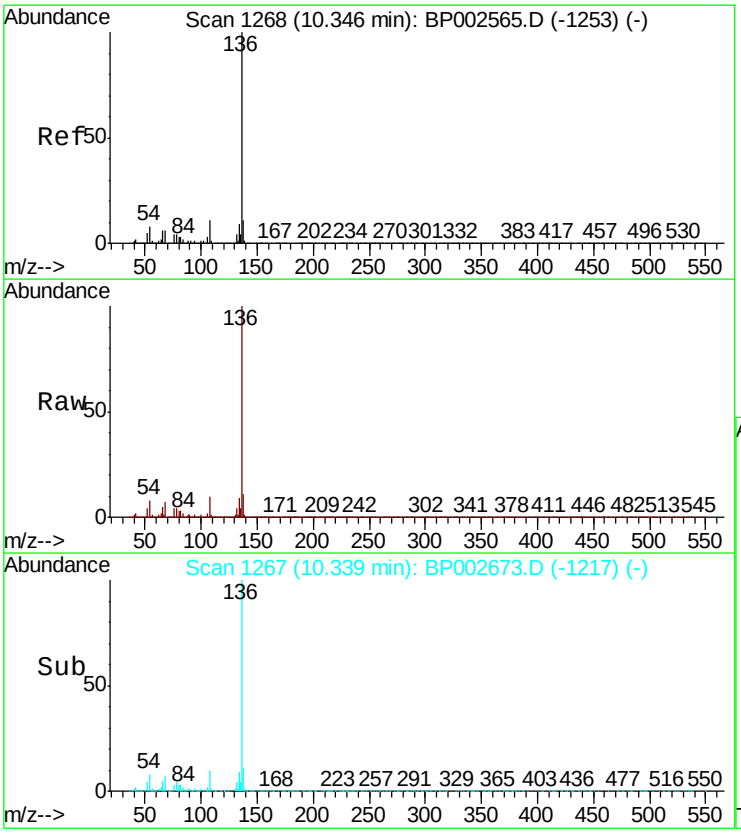
#7
Phenol-d6
Concen: 2.168 ng
RT: 6.77 min Scan# 661
Delta R.T. 0.01 min
Lab File: BP002673.D
Acq: 08 Jul 2020 14:02

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion: 99 Resp: 39378

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.5	23.3
71	30.9	28.9	43.3

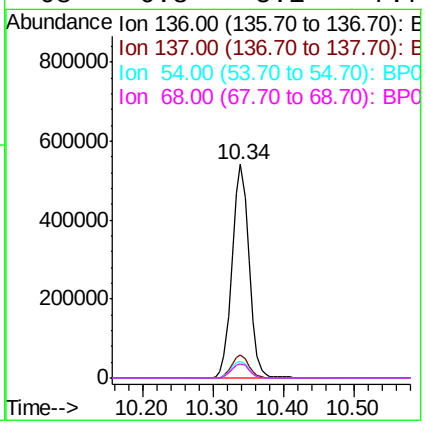


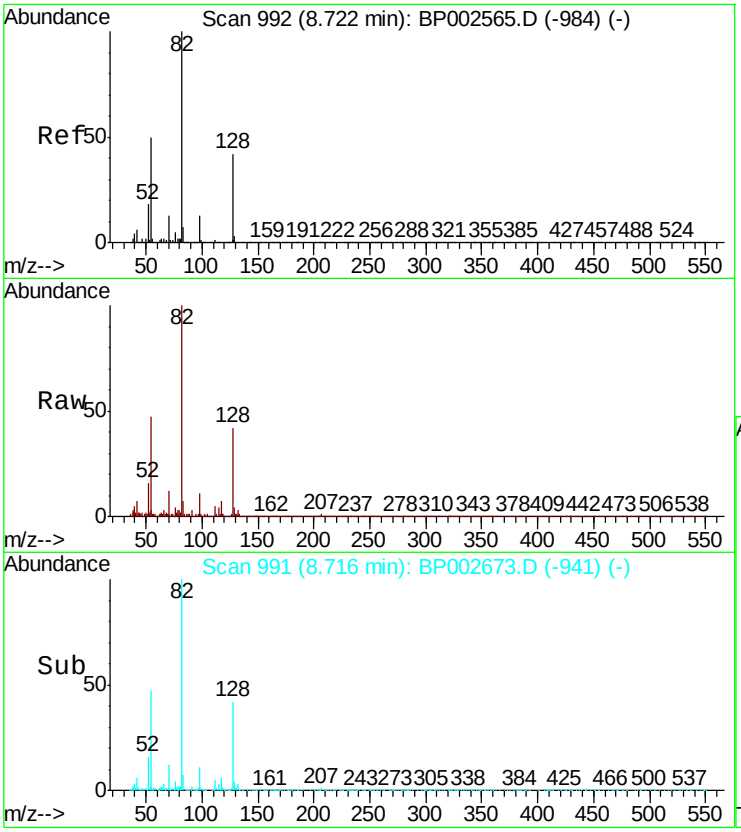


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002673.D
Acq: 08 Jul 2020 14:02

Tgt Ion:136 Resp: 904700

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.0	6.4	9.6
68	6.8	5.1	7.7



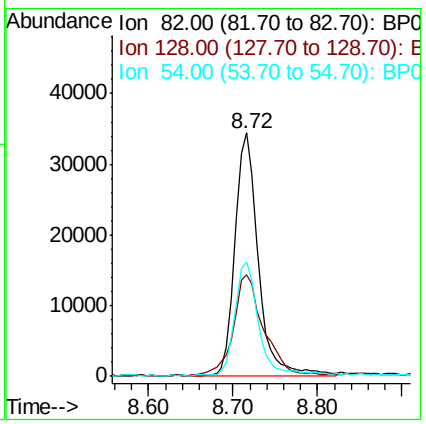


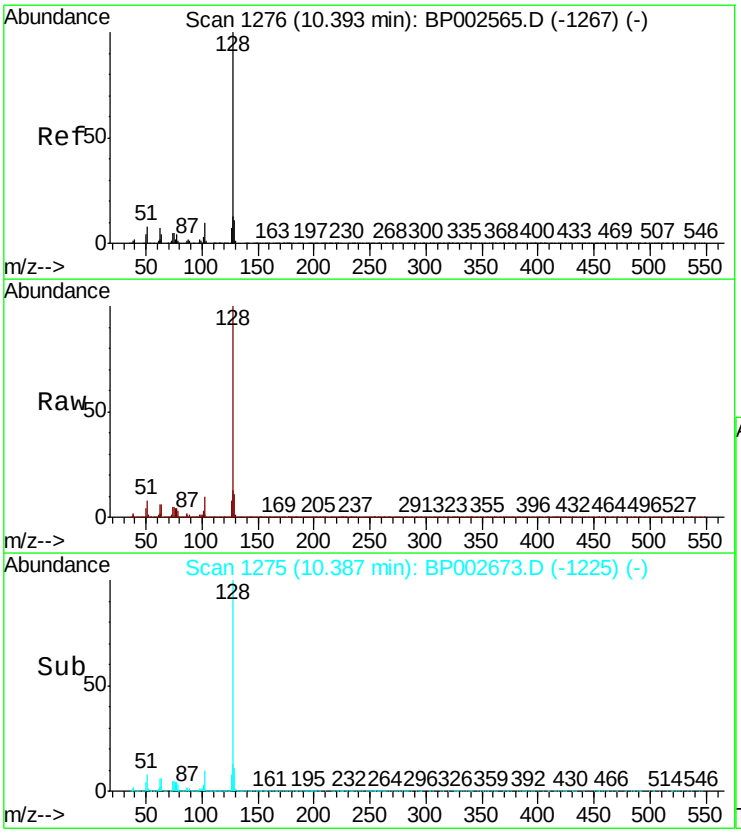
#23
Nitrobenzene-d5
Concen: 3.685 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002673.D
Acq: 08 Jul 2020 14:02

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion: 82 Resp: 64706

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.4	50.2
54	47.0	40.1	60.1

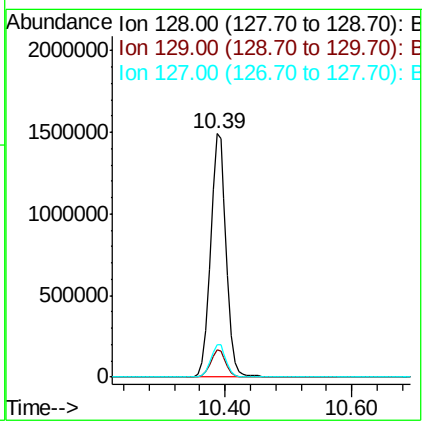


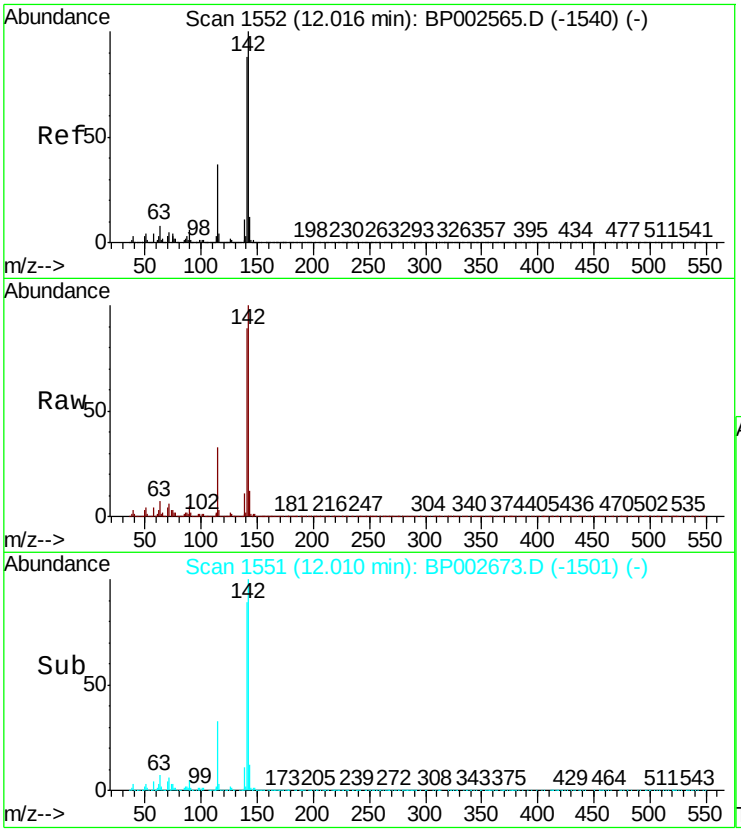


#31
Naphthalene
Concen: 54.199 ng
RT: 10.39 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BP002673.D
Acq: 08 Jul 2020 14:02

Tgt Ion:128 Resp: 2595714

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.2	10.3	15.5



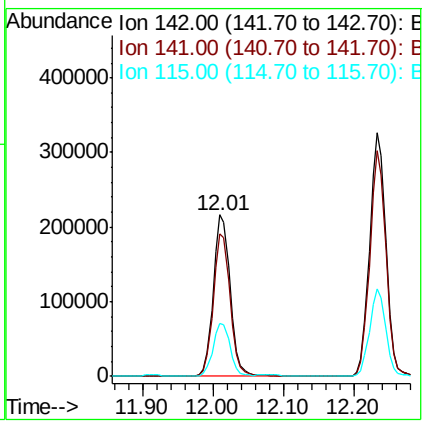


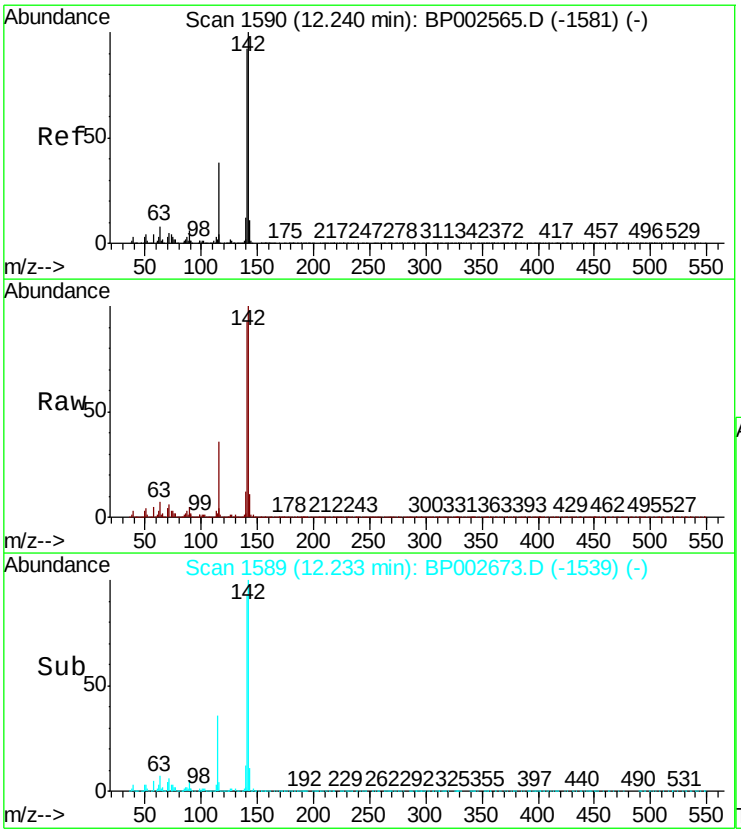
#37
2-Methylnaphthalene
Concen: 10.347 ng
RT: 12.01 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BP002673.D
Acq: 08 Jul 2020 14:02

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:142 Resp: 361327

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.7	106.1
115	33.1	29.7	44.5

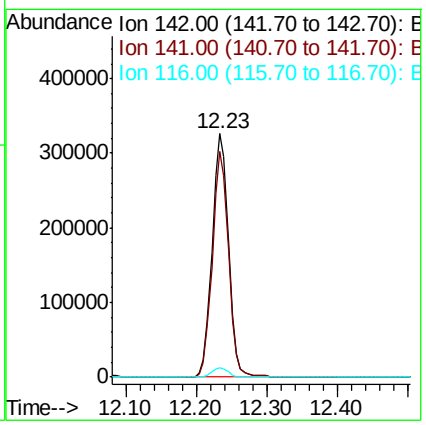


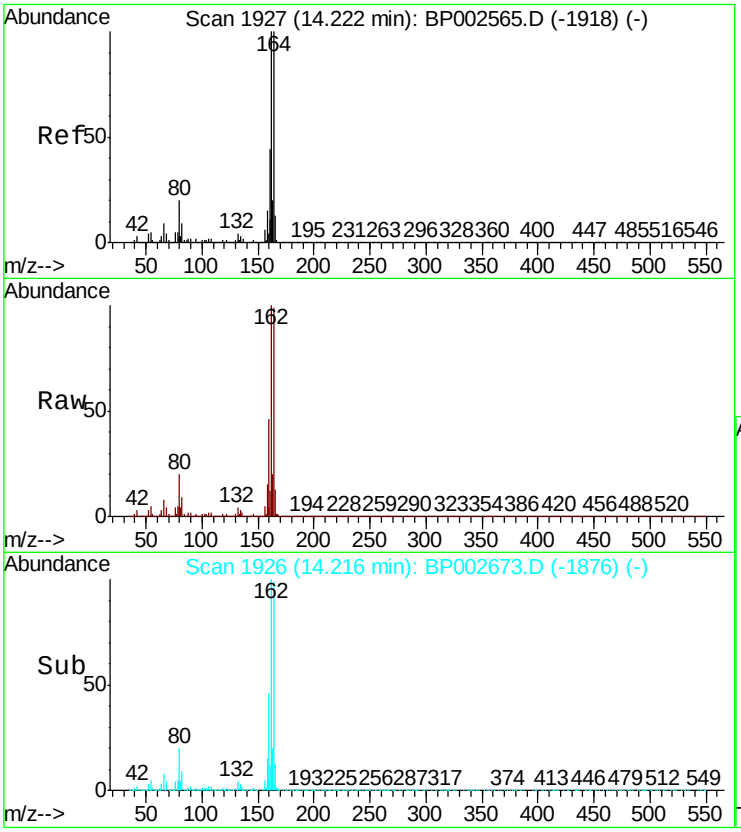


#38
1-Methylnaphthalene
Concen: 15.956 ng
RT: 12.23 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP002673.D
Acq: 08 Jul 2020 14:02

Tgt Ion:142 Resp: 524752

Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.4	110.2
116	3.7	3.2	4.8



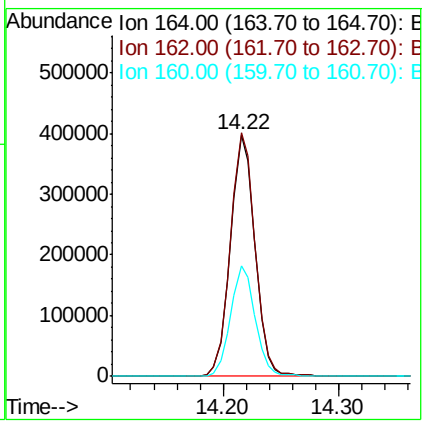


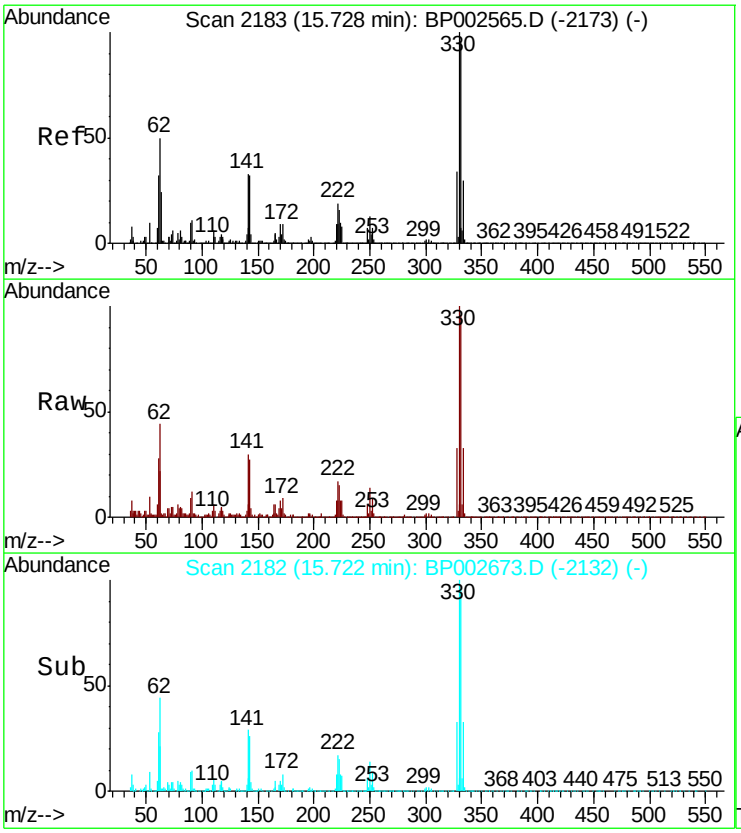
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002673.D
Acq: 08 Jul 2020 14:02

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:164 Resp: 585855

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.3	120.5
160	46.0	35.0	52.6

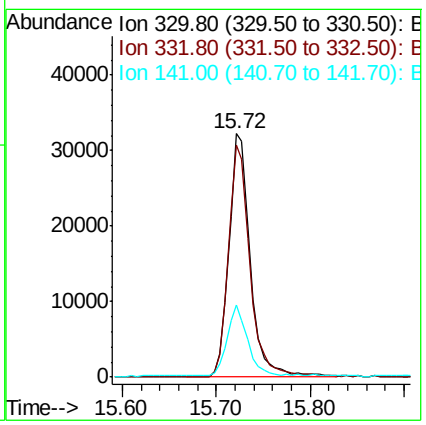


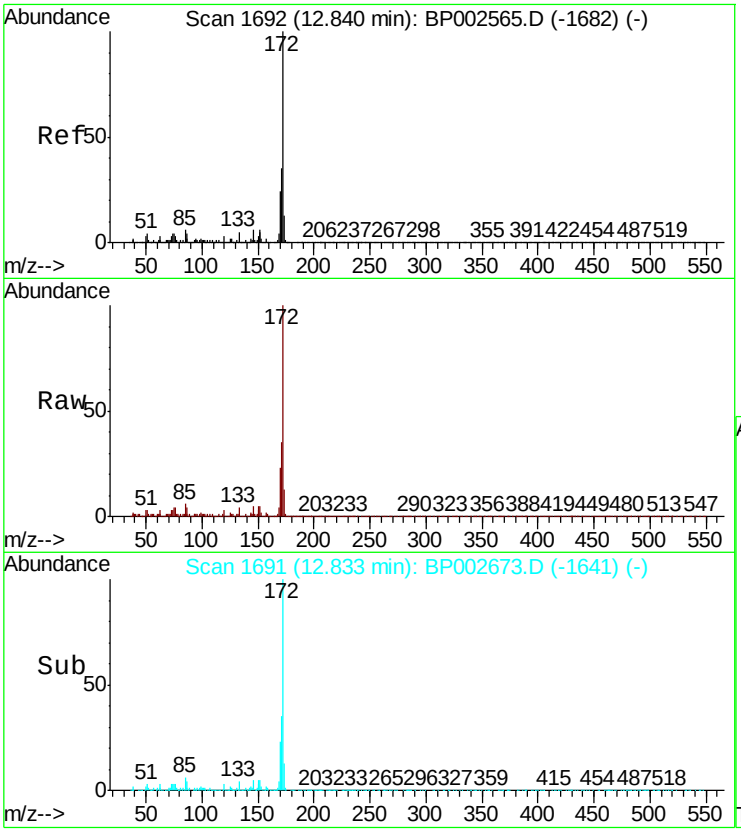


#42
2,4,6-Tribromophenol
Concen: 7.125 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002673.D
Acq: 08 Jul 2020 14:02

Tgt Ion:330 Resp: 50771

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	27.6	29.0	43.6#



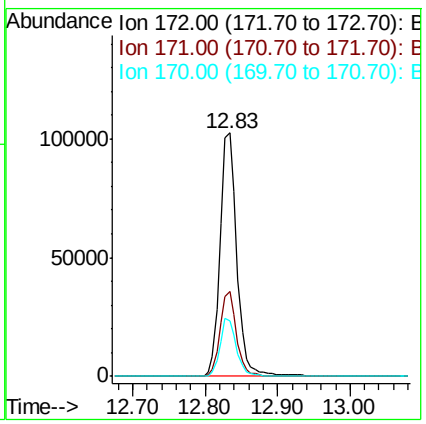


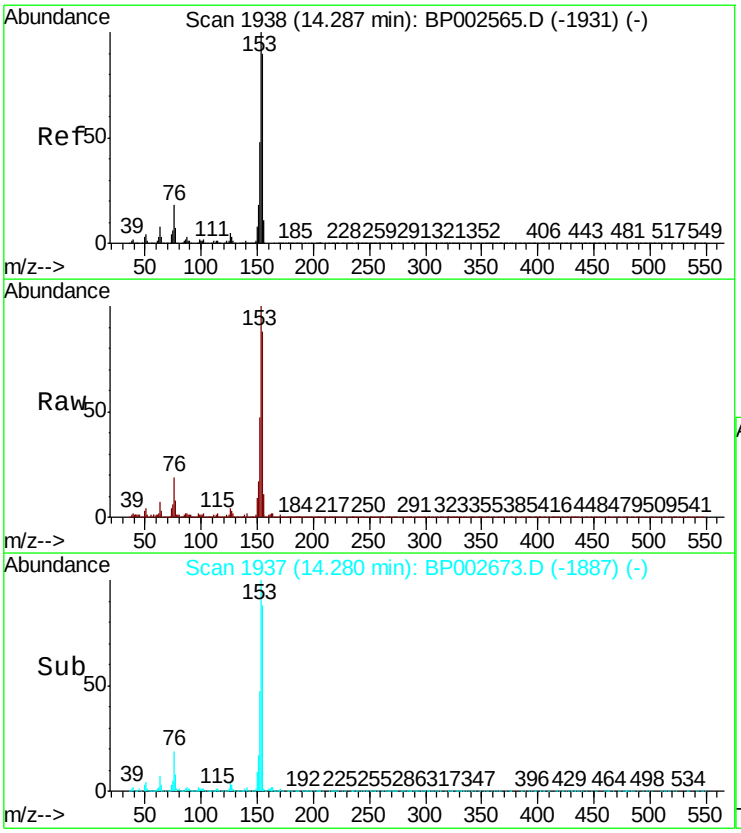
#45
2-Fluorobiphenyl
Concen: 4.160 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002673.D
Acq: 08 Jul 2020 14:02

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:172 Resp: 165569

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.0	42.0
170	23.0	19.0	28.4

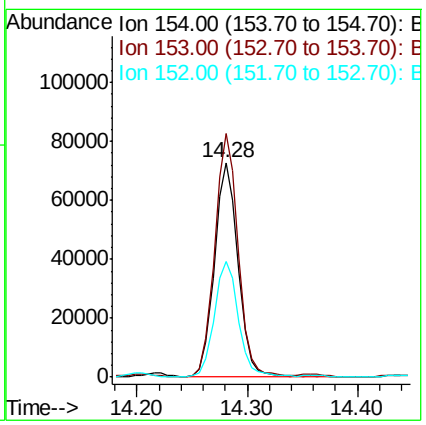


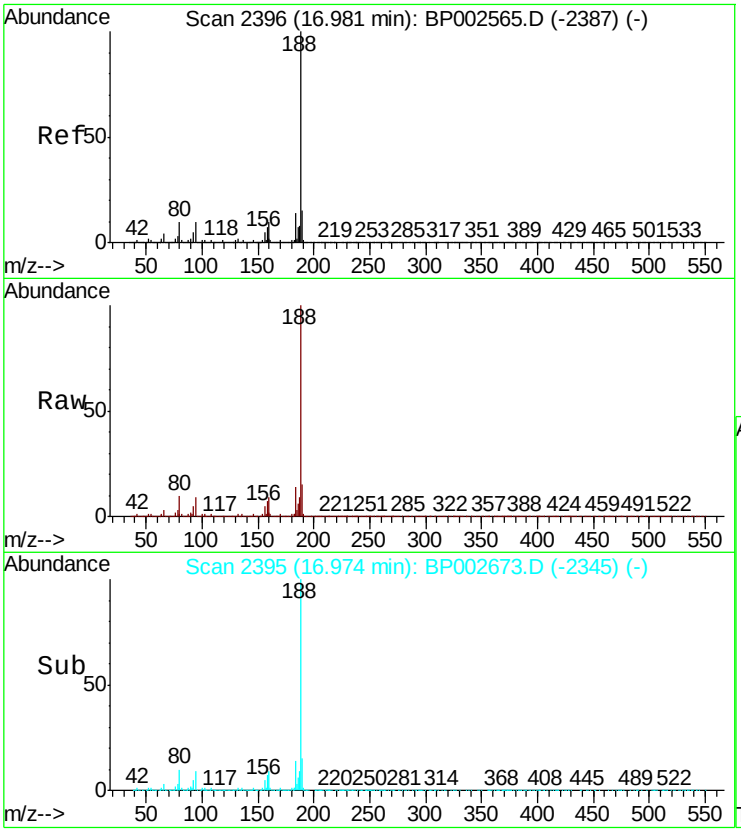


#52
Acenaphthene
Concen: 3.212 ng
RT: 14.28 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BP002673.D
Acq: 08 Jul 2020 14:02

Tgt Ion:154 Resp: 107599

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.1	133.7
152	53.8	43.2	64.8



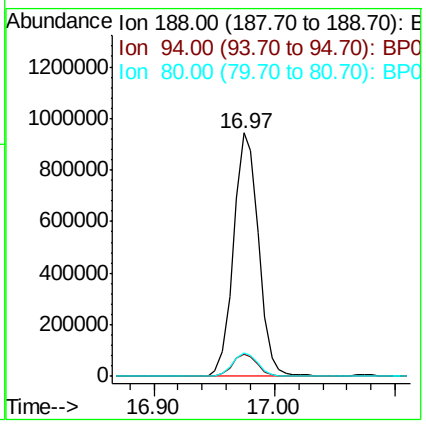


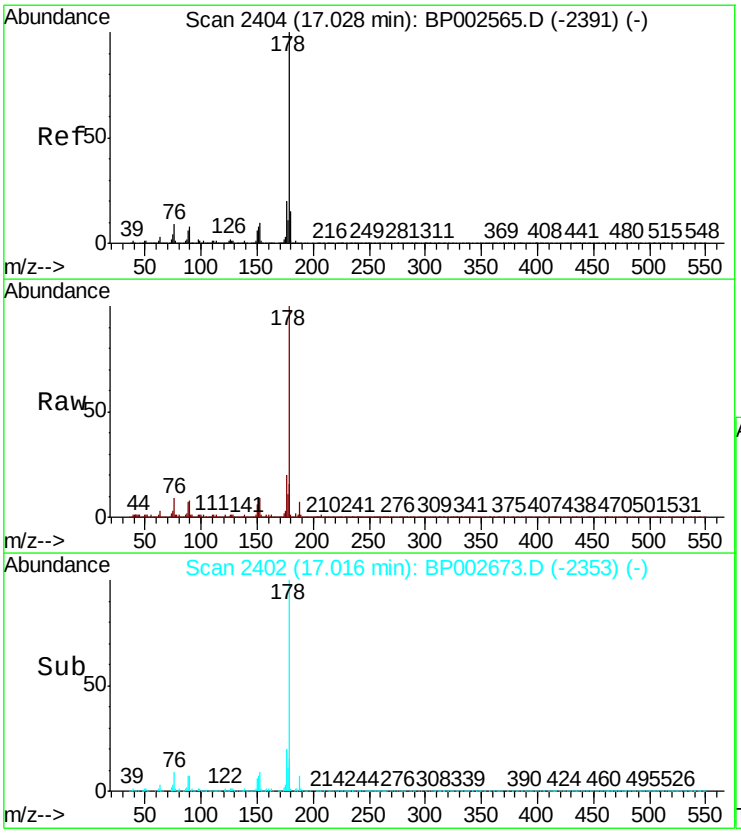
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002673.D
Acq: 08 Jul 2020 14:02

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:188 Resp: 1362274

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.8	11.6
80	9.8	8.2	12.4

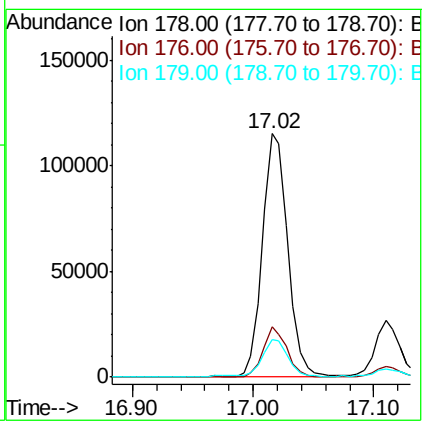


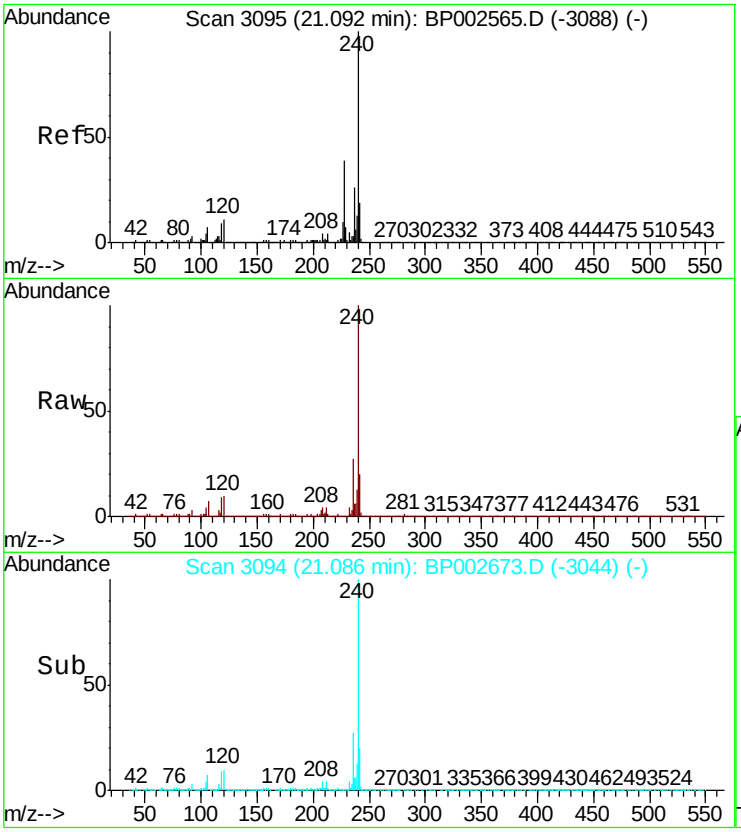


#71
Phenanthrene
Concen: 2.307 ng
RT: 17.02 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BP002673.D
Acq: 08 Jul 2020 14:02

Tgt Ion:178 Resp: 169095

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.6	23.4
179	15.6	12.1	18.1



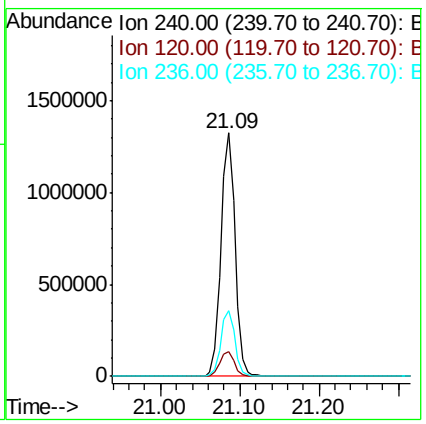


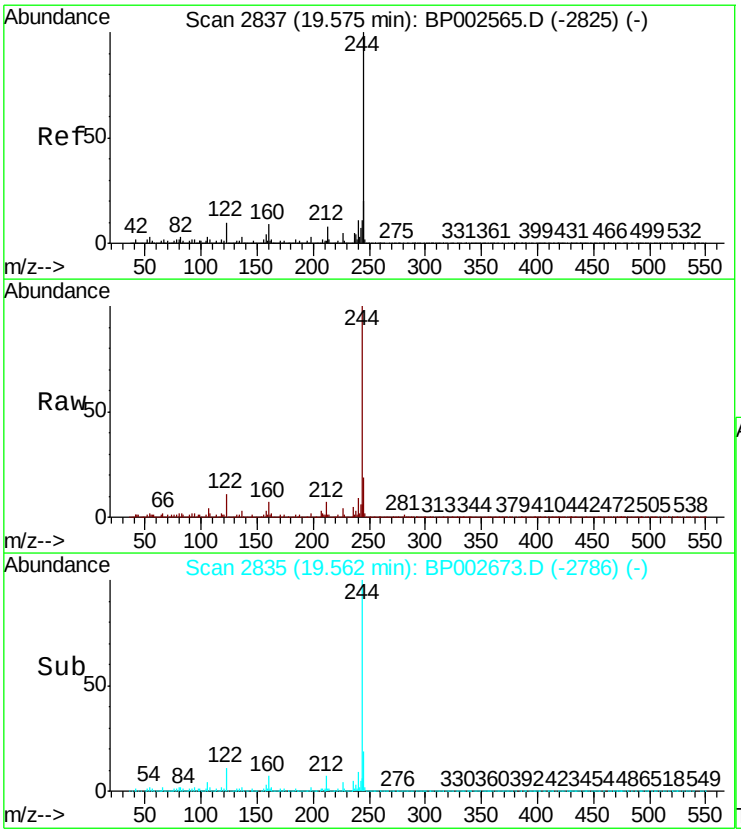
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002673.D
Acq: 08 Jul 2020 14:02

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:240 Resp: 1636612

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.6	13.0
236	27.2	20.8	31.2

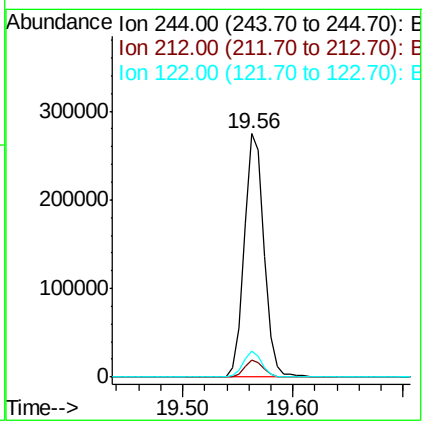


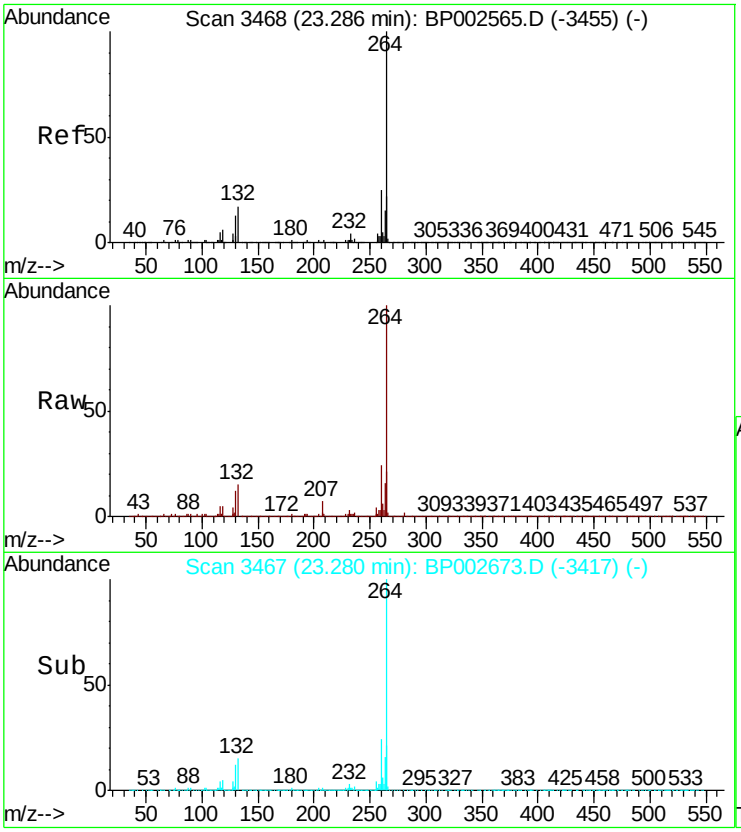


#79
Terphenyl-d14
Concen: 4.551 ng
RT: 19.56 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BP002673.D
Acq: 08 Jul 2020 14:02

Tgt Ion:244 Resp: 345101

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	10.9	7.9	11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002673.D
Acq: 08 Jul 2020 14:02

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:264 Resp: 1733682

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.5	17.6	26.4