Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
Data File : BP002672.D
Acq On : 08 Jul 2020 13:28
Operator : CG/JU
Sample : L3215-11DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14DL

Quant Time: Jul 08 14:12:21 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	227487	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	946524	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	607743	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1403173	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1638363	20.00	ng	0.00
86) Perylene-d12	23.28	264	1582007	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	97107	7.23	ng	0.00
7) Phenol-d6	6.77	99	78630	4.19	ng	0.00
23) Nitrobenzene-d5	8.72	82	186854	10.17	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	148009	20.02	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	448609	10.86	ng	0.00
79) Terphenyl-d14	19.56	244	911949	12.01	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.39	128	6772452	135.161	ng	98
37) 2-Methylnaphthalene	12.01	142	1065138	29.154	ng	97
38) 1-Methylnaphthalene	12.23	142	1660949	48.272	ng	98
46) 1,1'-Biphenyl	13.05	154	155858	3.390	ng	99
52) Acenaphthene	14.28	154	449376	12.933	ng	97
58) Fluorene	15.27	166	179388	4.183	ng	98
71) Phenanthrene	17.02	178	478066	6.332	ng	99

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

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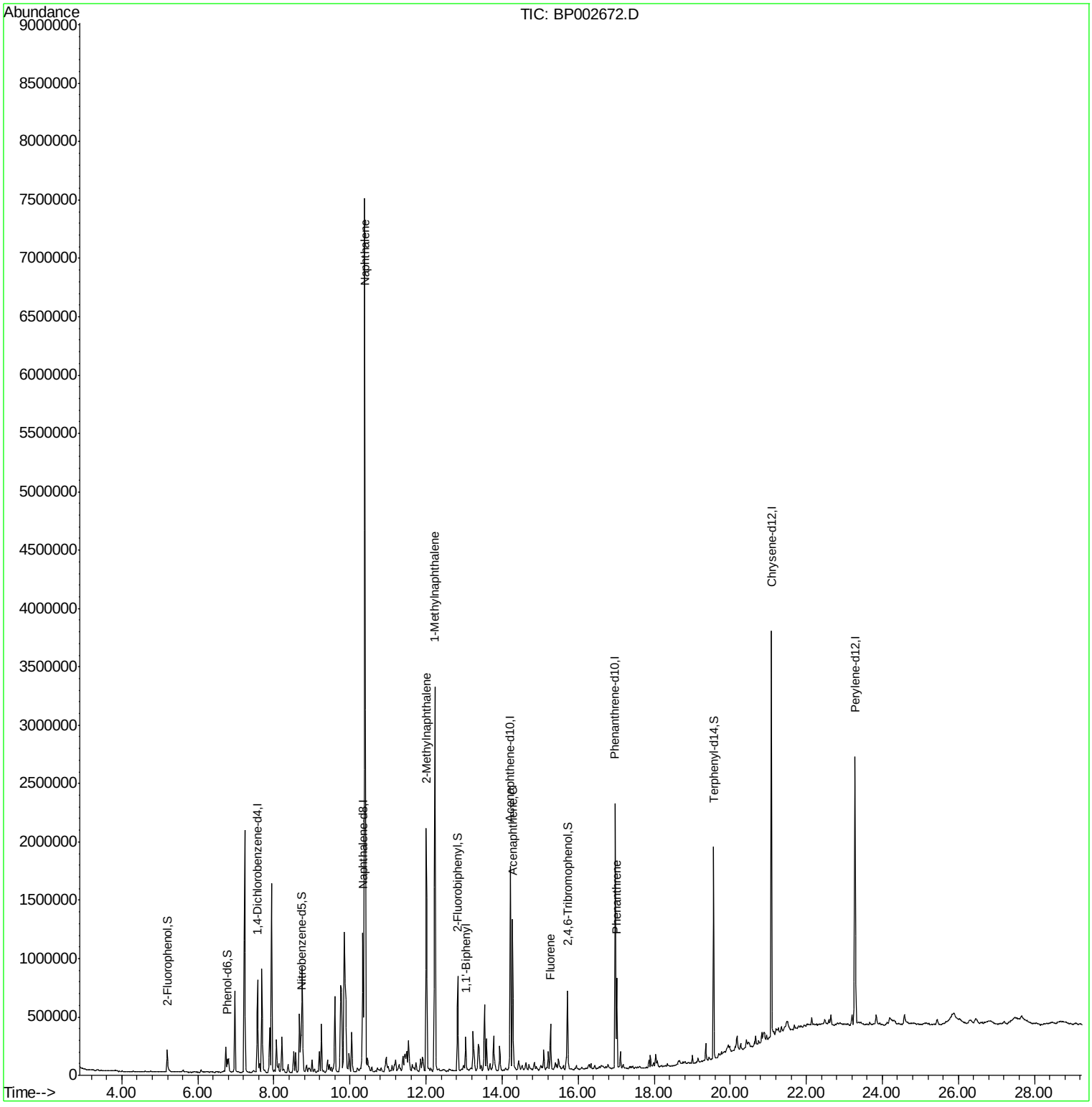
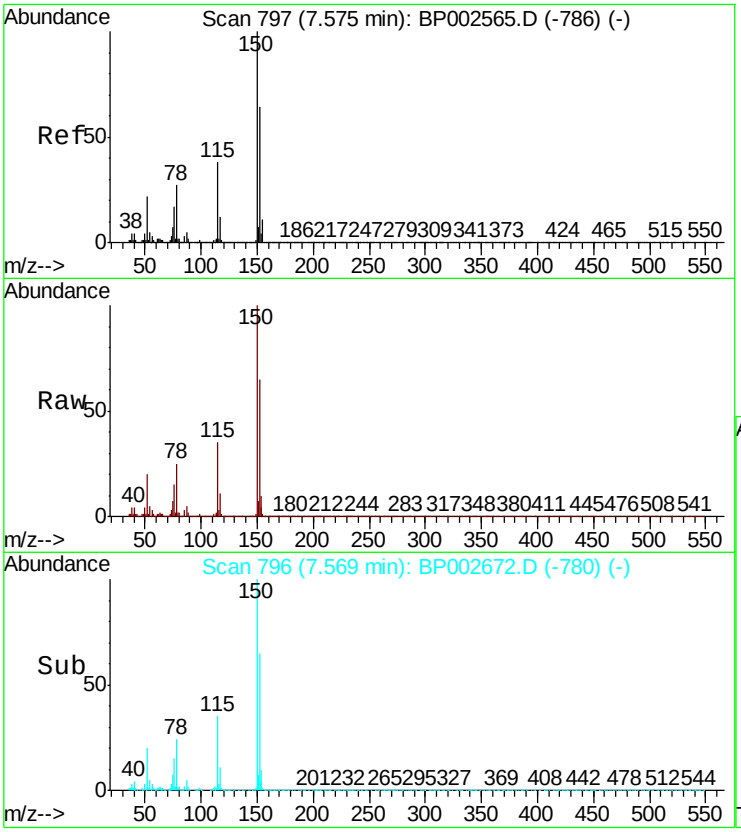
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration



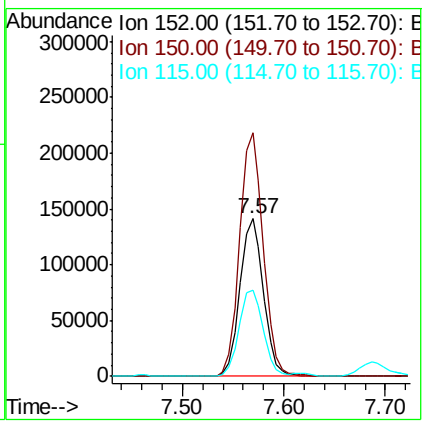


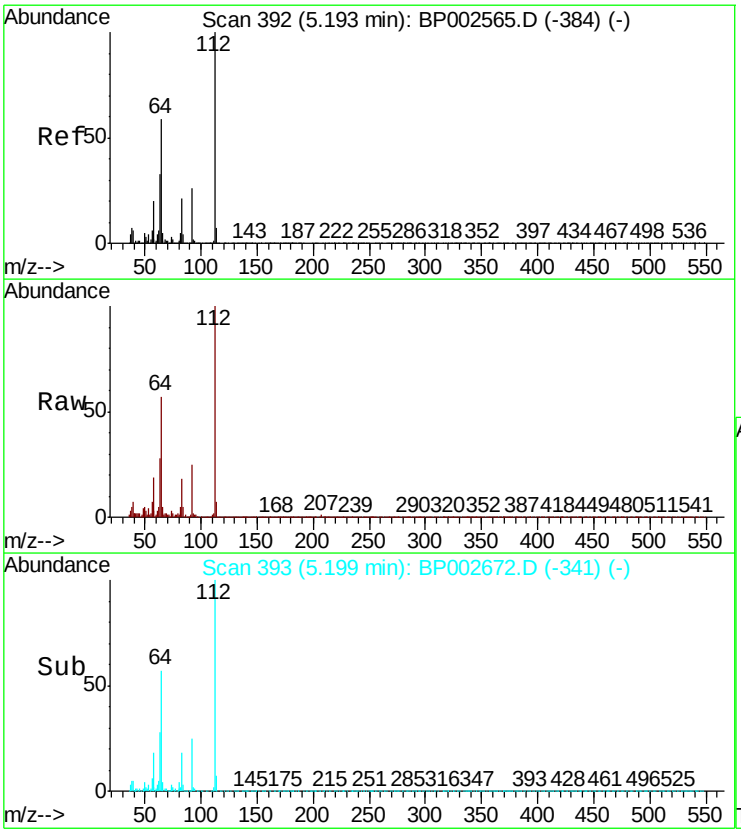
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002672.D
Acq: 08 Jul 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MW-14DL

Tgt Ion:152 Resp: 227487

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.2	186.2
115	54.9	47.1	70.7

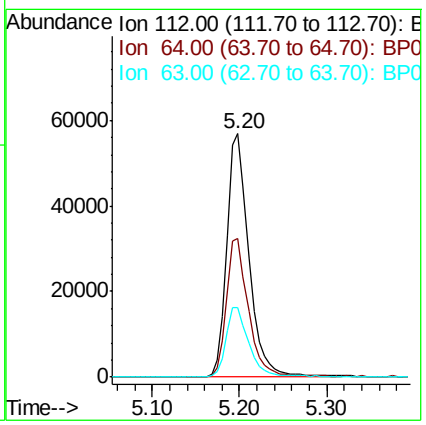


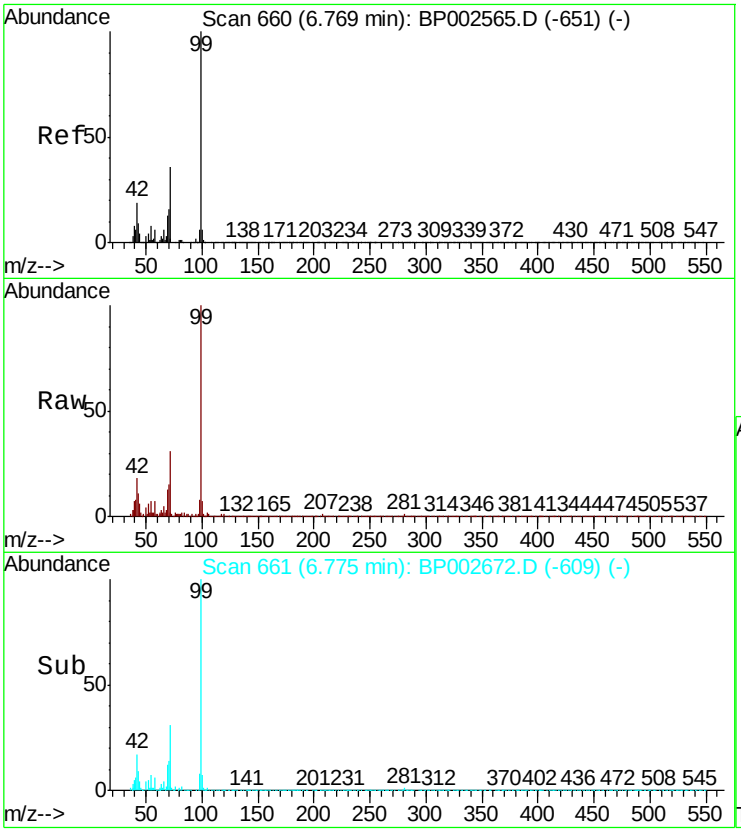


#5
2-Fluorophenol
Concen: 7.227 ng
RT: 5.20 min Scan# 393
Delta R.T. 0.01 min
Lab File: BP002672.D
Acq: 08 Jul 2020 13:28

Tgt Ion:112 Resp: 97107

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.0	70.6
63	28.4	26.1	39.1



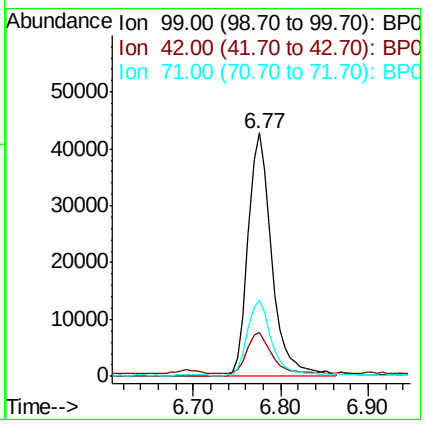


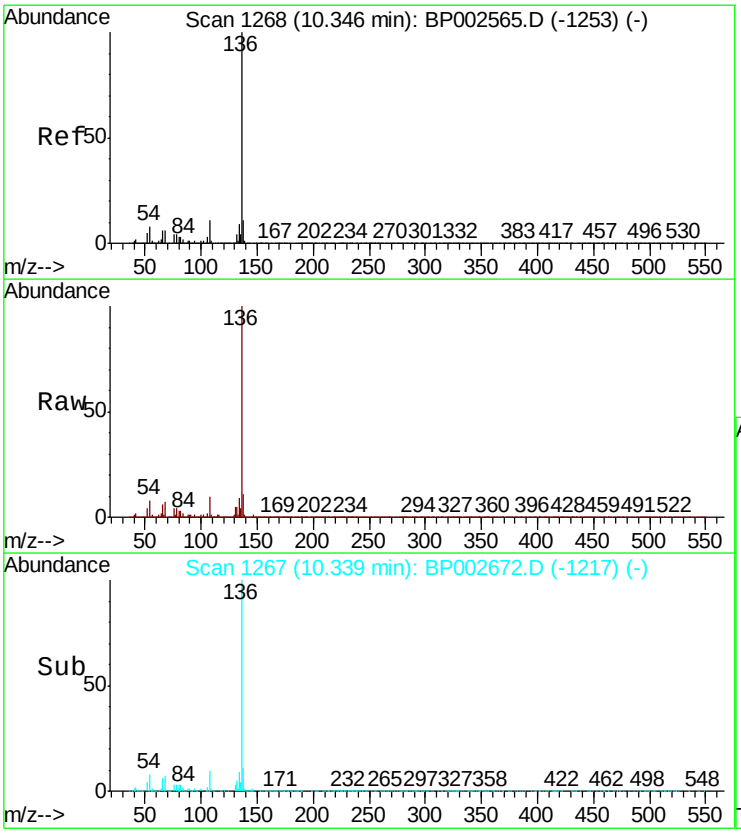
#7
Phenol-d6
Concen: 4.193 ng
RT: 6.77 min Scan# 661
Delta R.T. 0.01 min
Lab File: BP002672.D
Acq: 08 Jul 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MW-14DL

Tgt Ion: 99 Resp: 78630

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.5	23.3
71	31.3	28.9	43.3

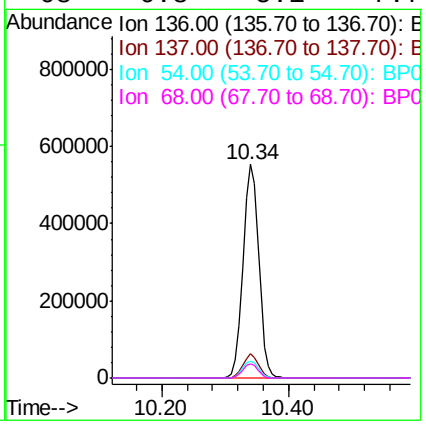


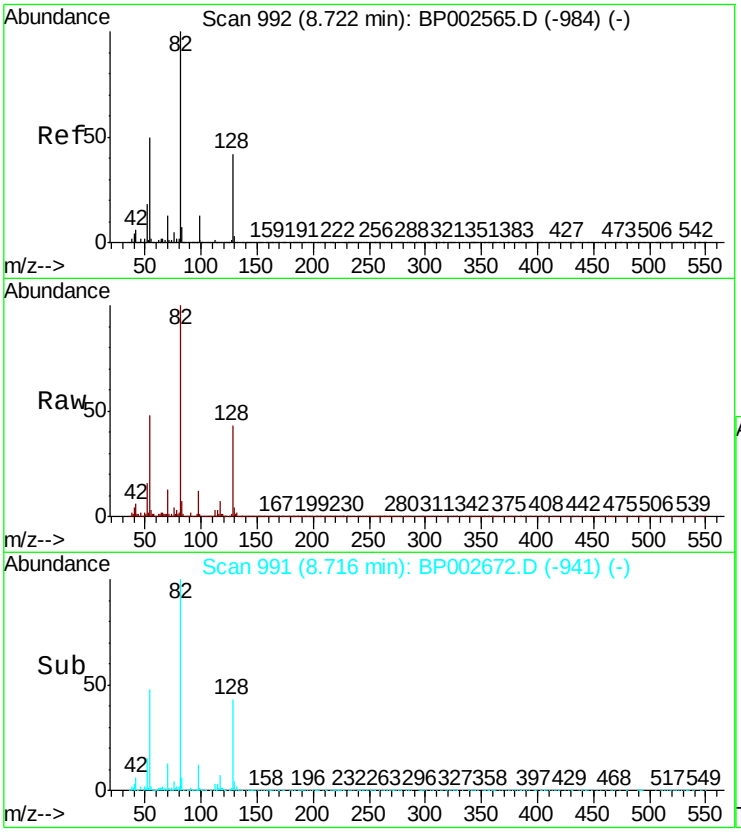


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002672.D
Acq: 08 Jul 2020 13:28

Tgt Ion:136 Resp: 946524

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.9	6.4	9.6
68	6.8	5.1	7.7



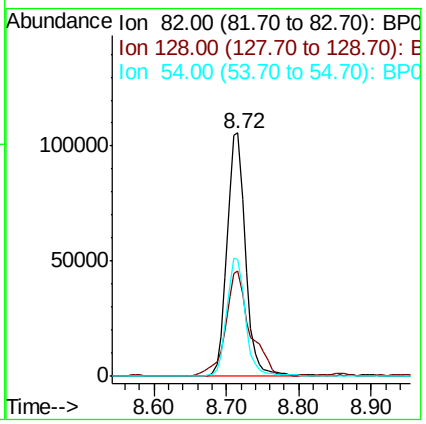


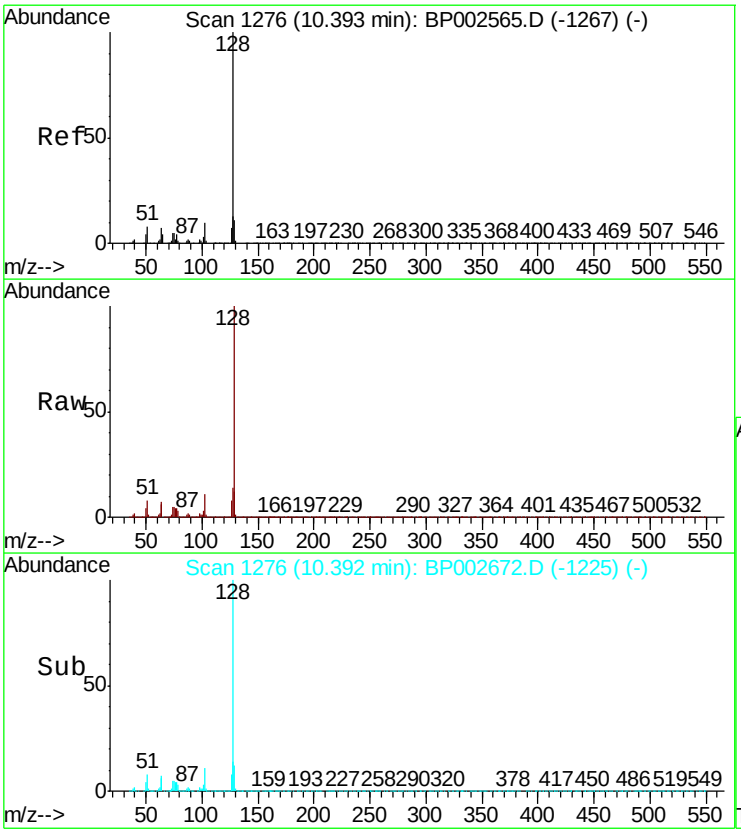
#23
Nitrobenzene-d5
Concen: 10.172 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002672.D
Acq: 08 Jul 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MW-14DL

Tgt Ion: 82 Resp: 186854

Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.4	50.2
54	47.9	40.1	60.1

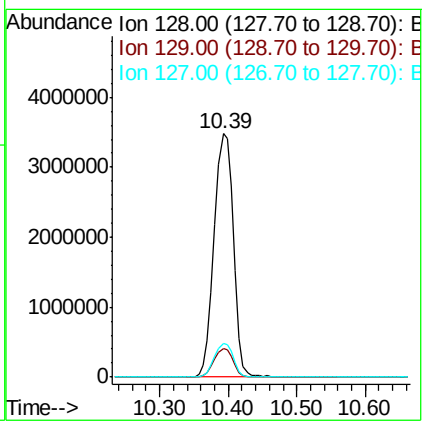


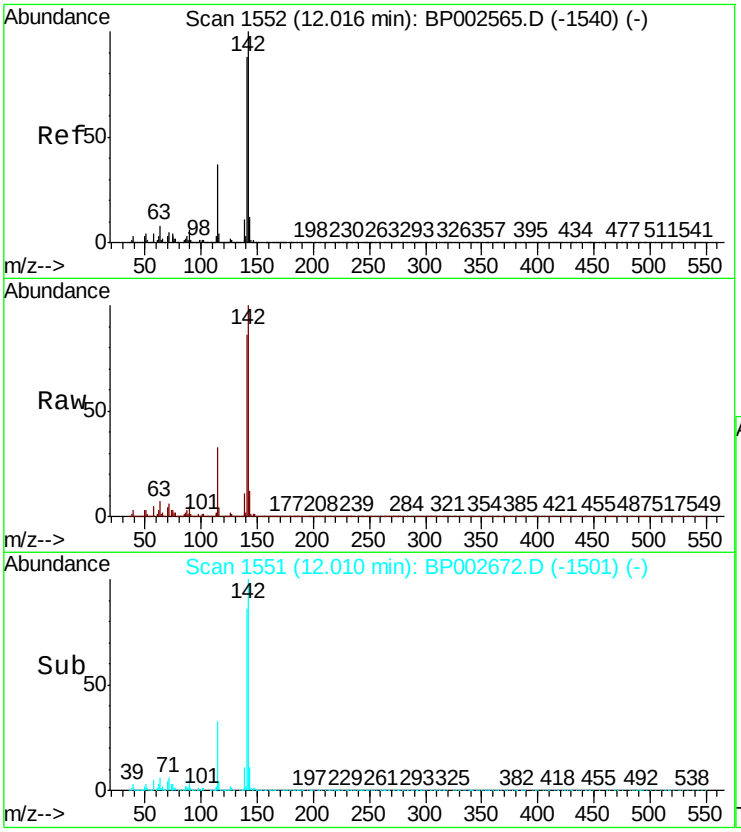


#31
Naphthalene
Concen: 135.161 ng
RT: 10.39 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BP002672.D
Acq: 08 Jul 2020 13:28

Tgt Ion:128 Resp: 6772452

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	13.0
127	13.8	10.3	15.5



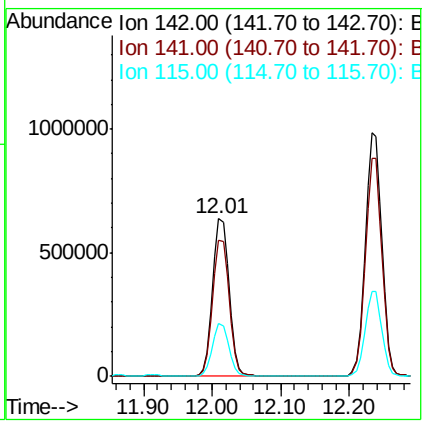


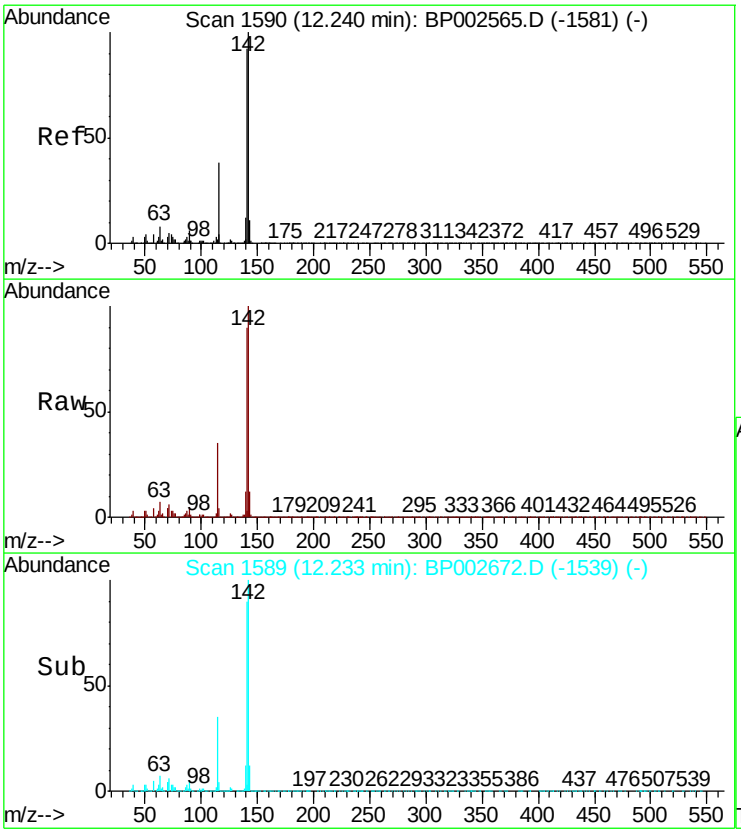
#37
2-Methylnaphthalene
Concen: 29.154 ng
RT: 12.01 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BP002672.D
Acq: 08 Jul 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MW-14DL

Tgt Ion:142 Resp: 1065138

Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.7	106.1
115	33.2	29.7	44.5

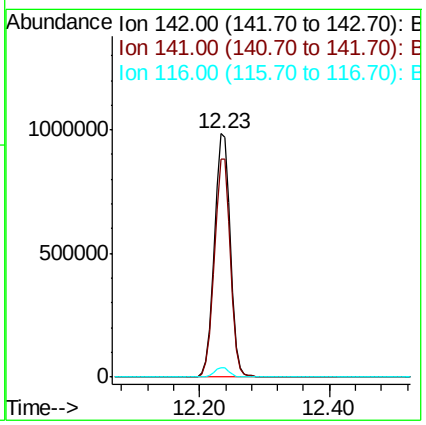


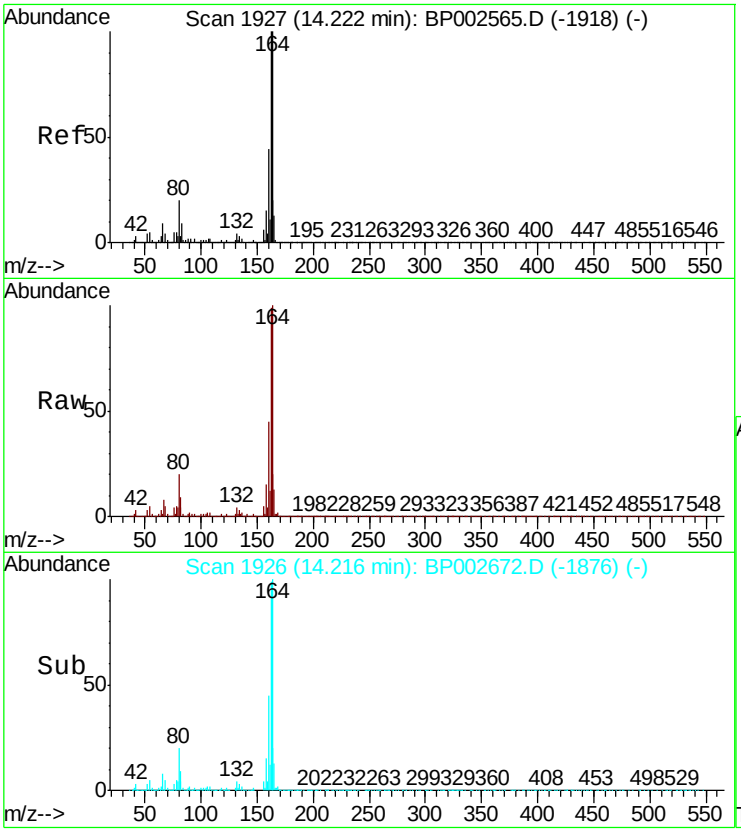


#38
1-Methylnaphthalene
Concen: 48.272 ng
RT: 12.23 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP002672.D
Acq: 08 Jul 2020 13:28

Tgt Ion:142 Resp: 1660949

Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.4	110.2
116	3.8	3.2	4.8



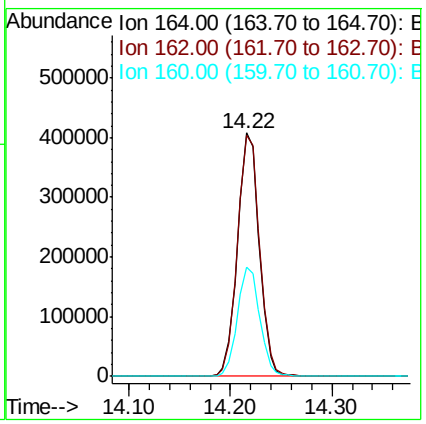


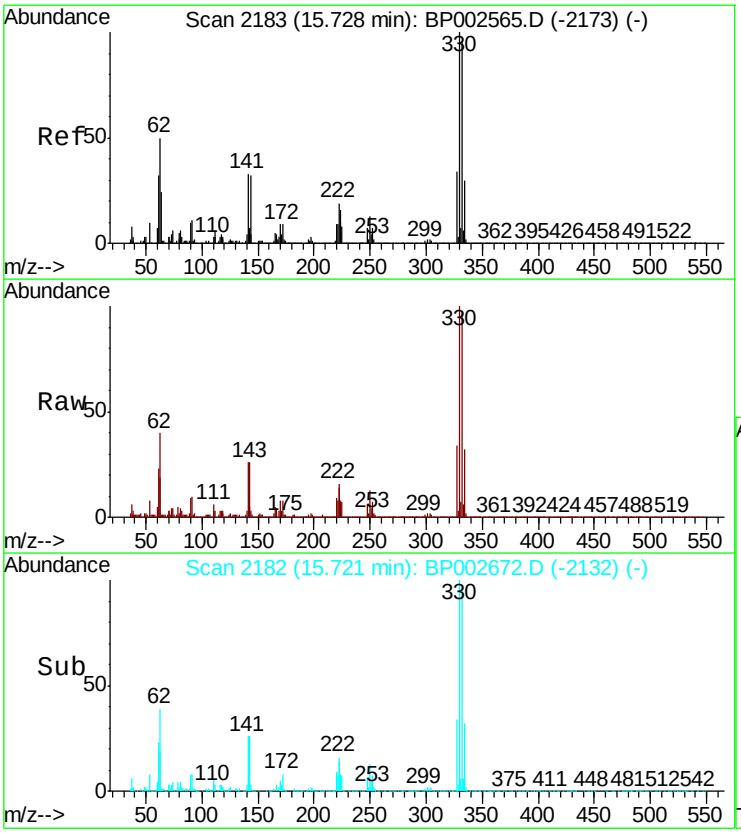
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002672.D
Acq: 08 Jul 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MW-14DL

Tgt Ion:164 Resp: 607743

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.3	120.5
160	45.0	35.0	52.6

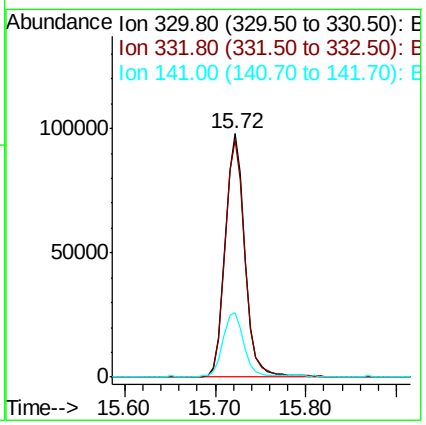


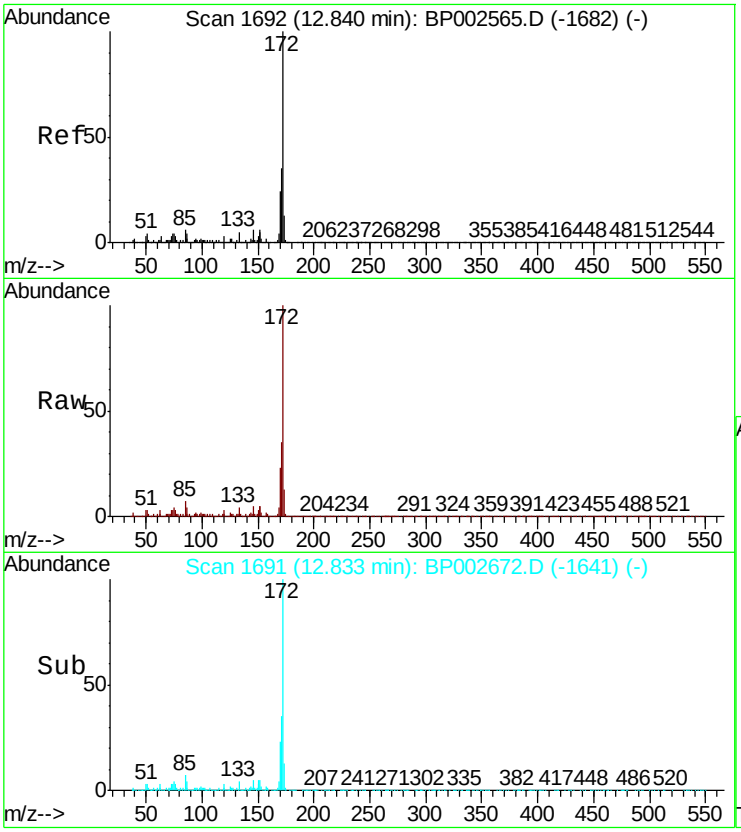


#42
2,4,6-Tribromophenol
Concen: 20.023 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002672.D
Acq: 08 Jul 2020 13:28

Tgt Ion:330 Resp: 148009

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.7	116.5
141	27.3	29.0	43.6#



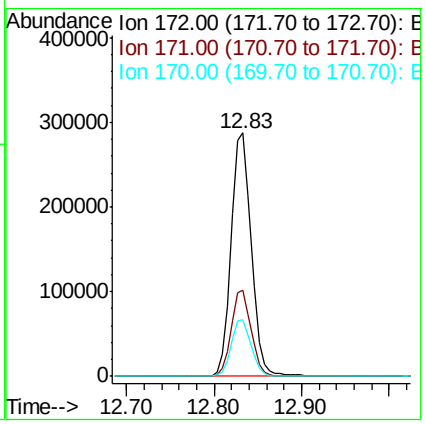


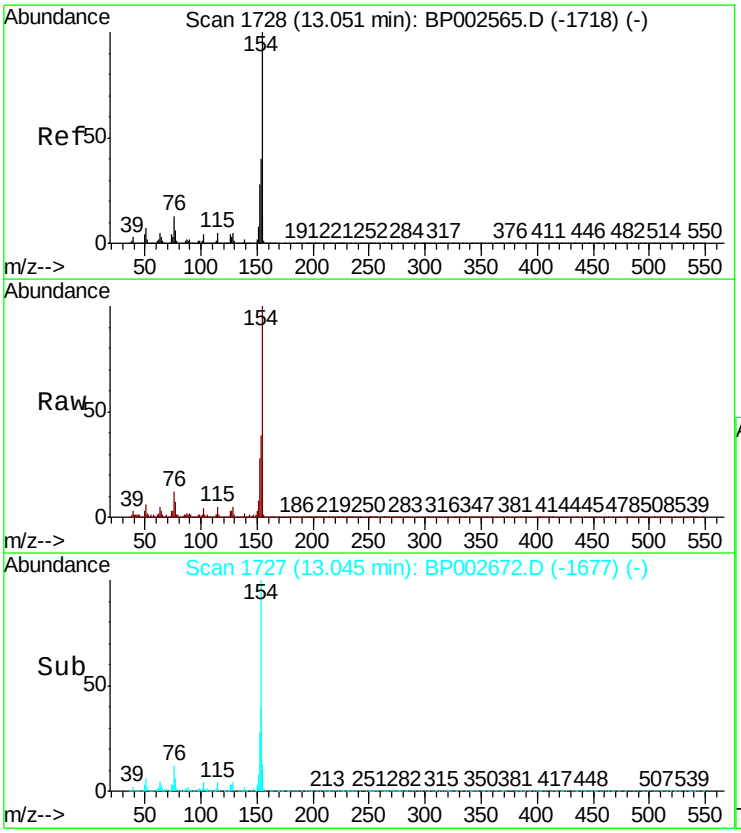
#45
2-Fluorobiphenyl
Concen: 10.864 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002672.D
Acq: 08 Jul 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MW-14DL

Tgt Ion:172 Resp: 448609

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.0	42.0
170	23.3	19.0	28.4

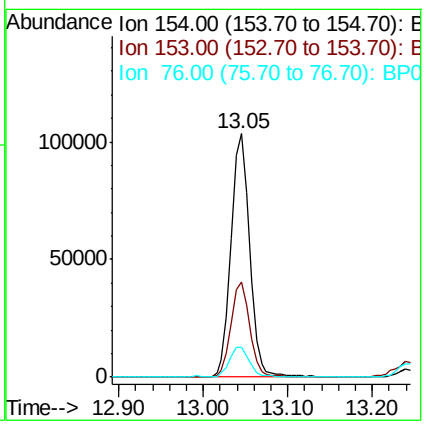


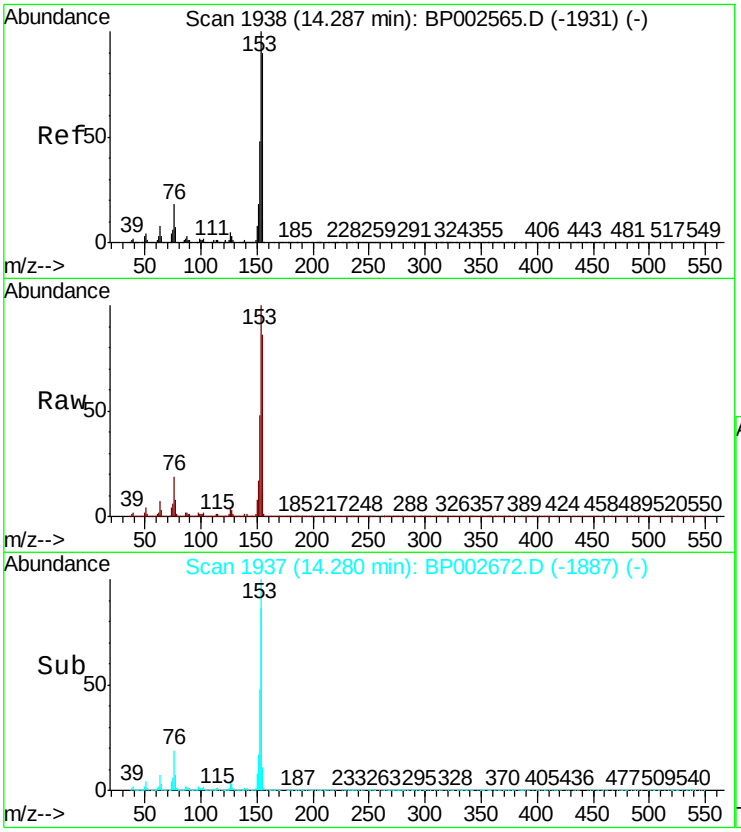


#46
1,1'-Biphenyl
Concen: 3.390 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BP002672.D
Acq: 08 Jul 2020 13:28

Tgt Ion:154 Resp: 155858

Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.0	60.0
76	12.5	0.0	33.0



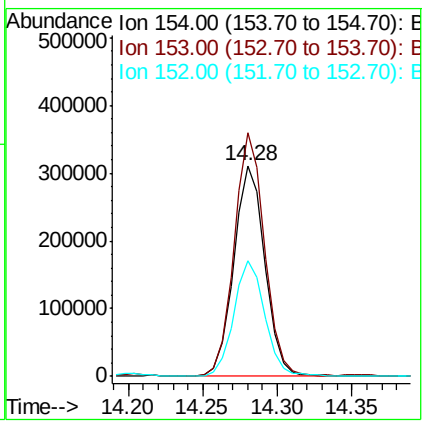


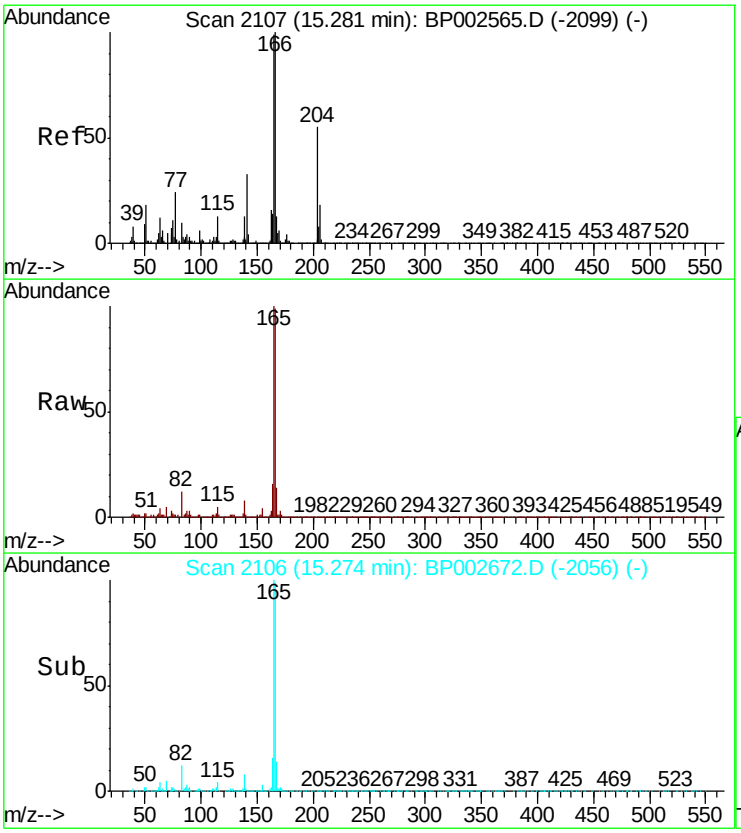
#52
Acenaphthene
Concen: 12.933 ng
RT: 14.28 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BP002672.D
Acq: 08 Jul 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MW-14DL

Tgt Ion:154 Resp: 449376

Ion	Ratio	Lower	Upper
154	100		
153	115.7	89.1	133.7
152	55.1	43.2	64.8

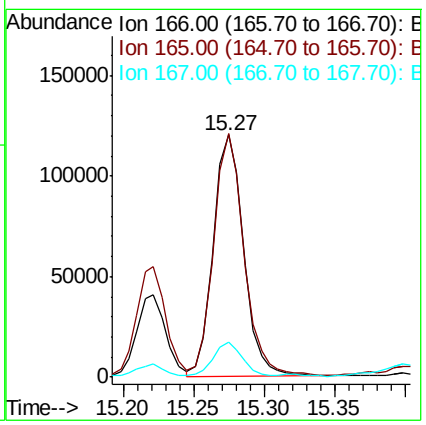


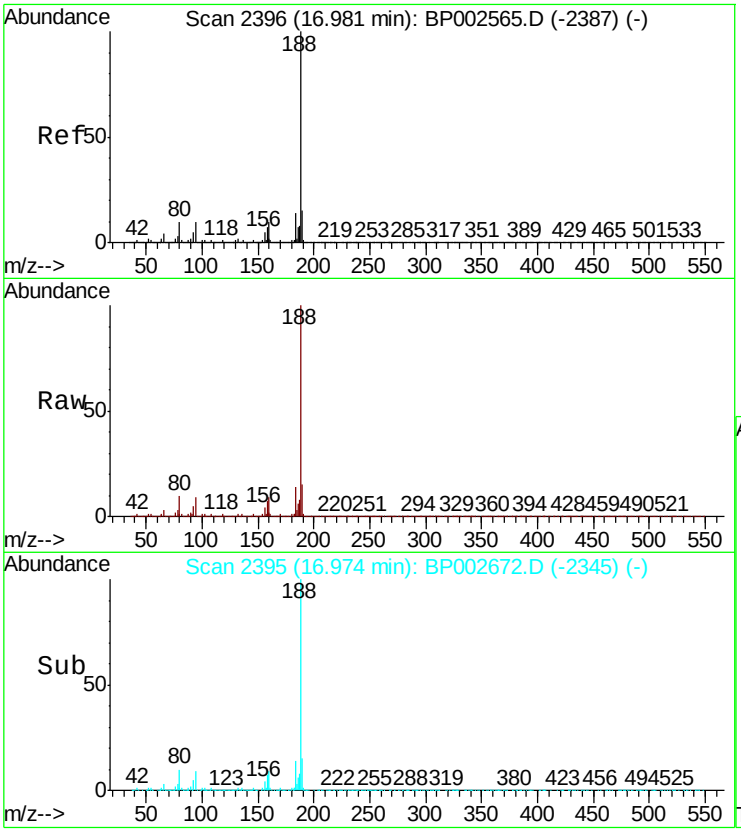


#58
Fluorene
Concen: 4.183 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP002672.D
Acq: 08 Jul 2020 13:28

Tgt Ion:166 Resp: 179388

Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.1	118.7
167	14.5	10.8	16.2



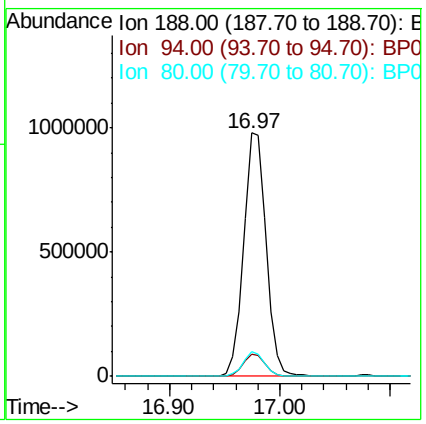


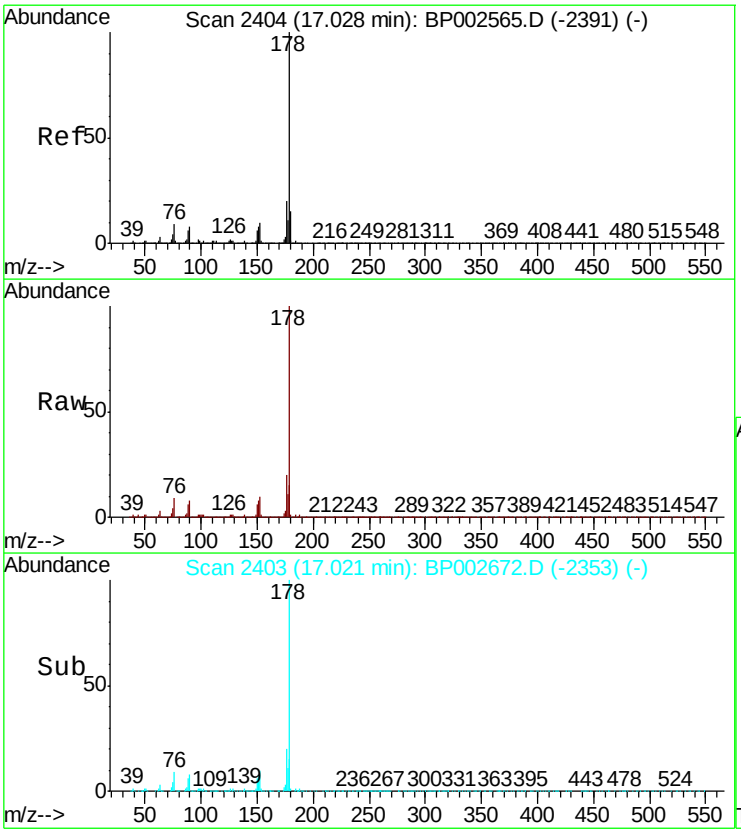
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002672.D
Acq: 08 Jul 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MW-14DL

Tgt Ion:188 Resp: 1403173

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.8	11.6
80	10.0	8.2	12.4

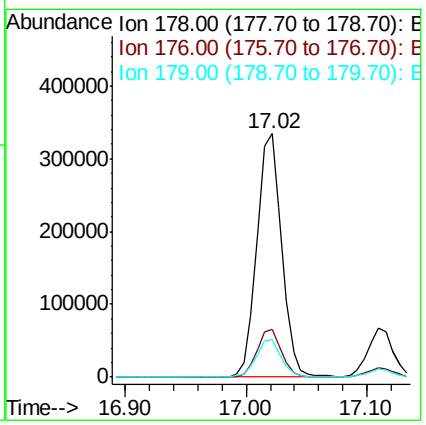


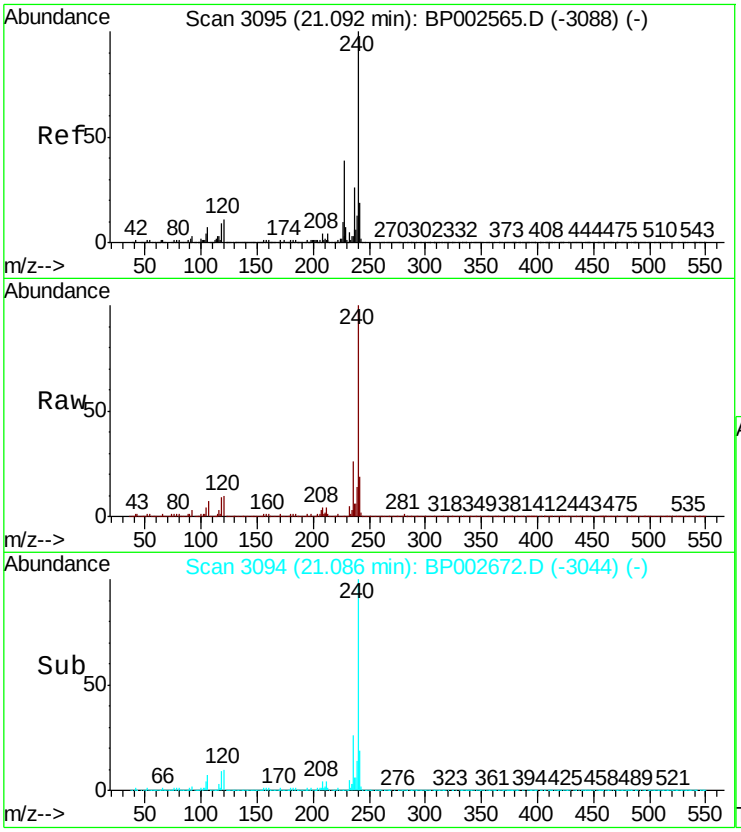


#71
Phenanthrene
Concen: 6.332 ng
RT: 17.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BP002672.D
Acq: 08 Jul 2020 13:28

Tgt Ion:178 Resp: 478066

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	15.4	12.1	18.1



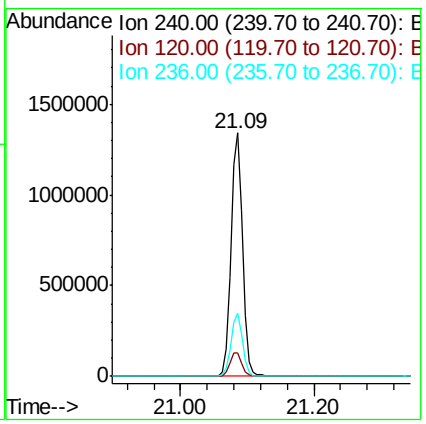


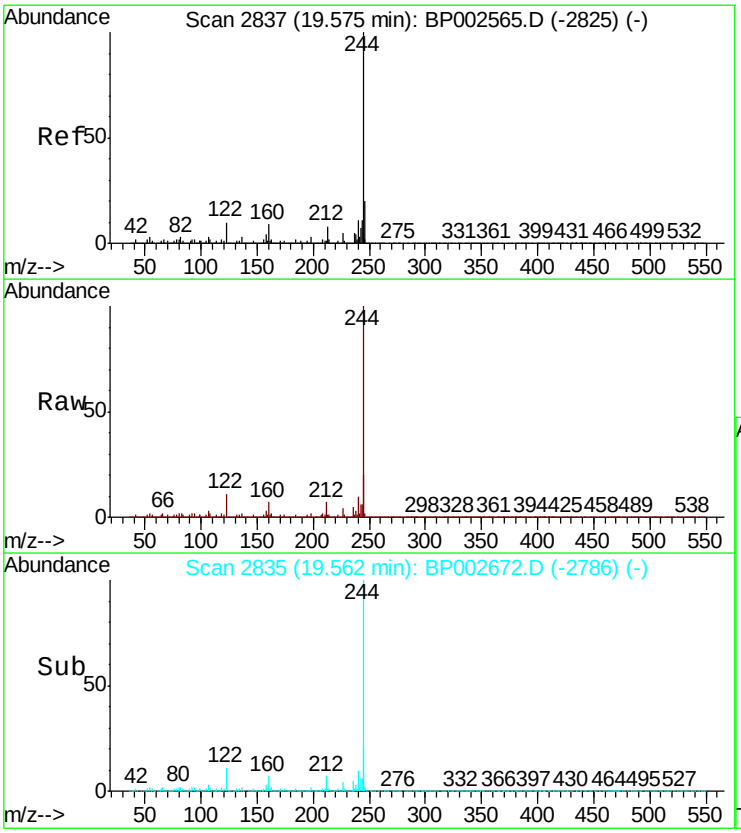
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002672.D
Acq: 08 Jul 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MW-14DL

Tgt Ion:240 Resp: 1638363

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.6	13.0
236	26.0	20.8	31.2

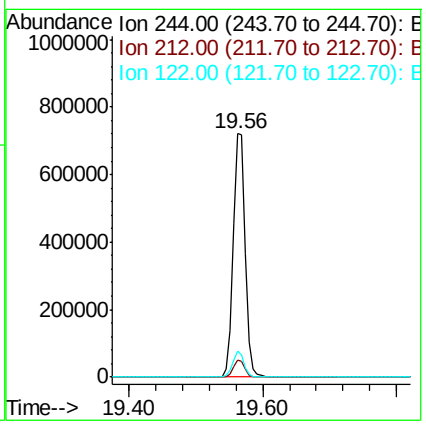


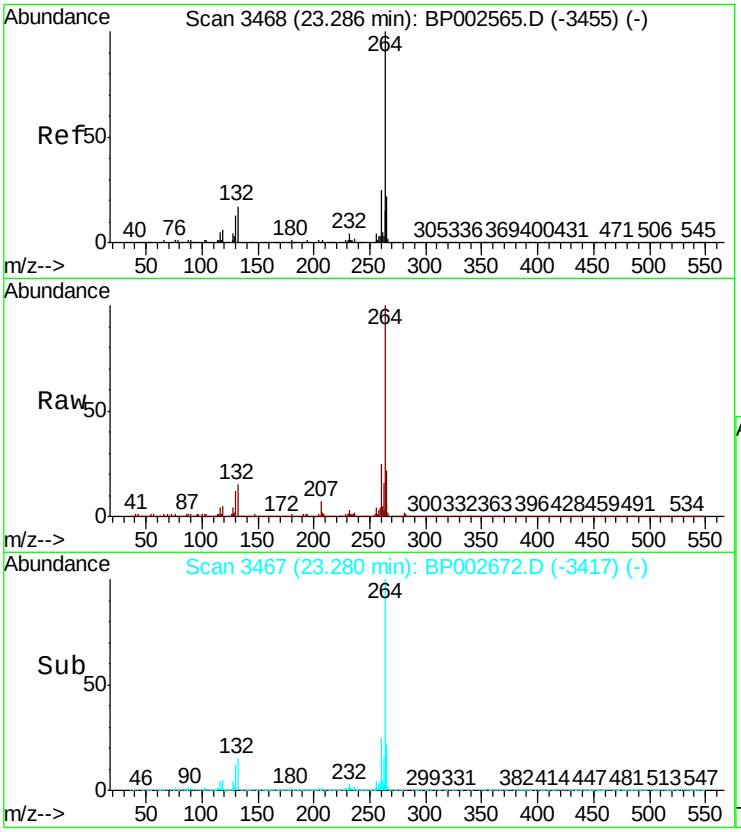


#79
Terphenyl-d14
Concen: 12.015 ng
RT: 19.56 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BP002672.D
Acq: 08 Jul 2020 13:28

Tgt Ion:244 Resp: 911949

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.5	9.7
122	10.6	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: BP002672.D
Acq: 08 Jul 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MW-14DL

Tgt Ion:264 Resp: 1582007

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	21.9	17.6	26.4