Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
Data File : BP002842.D
Acq On : 23 Jul 2020 16:11
Operator : CG/JU
Sample : L3360-01RERX
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Jul 23 17:11:58 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	7.54	152	62986	20.00	ng		-0.01
21) Naphthalene-d8	10.31	136	274197	20.00	ng		-0.02
39) Acenaphthene-d10	14.20	164	175983	20.00	ng		-0.01
64) Phenanthrene-d10	16.96	188	416574	20.00	ng		-0.01
76) Chrysene-d12	21.07	240	516122	20.00	ng		0.00
86) Perylene-d12	23.26	264	594666	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	161853	43.36	ng		-0.01
7) Phenol-d6	6.75	99	452297	84.89	ng		-0.01
23) Nitrobenzene-d5	8.69	82	326114	63.61	ng		-0.02
42) 2,4,6-Tribromophenol	15.70	330	57047	31.05	ng		0.00
45) 2-Fluorobiphenyl	12.80	172	662622	58.25	ng		-0.02
79) Terphenyl-d14	19.55	244	1088413	48.35	ng		-0.01
Target Compounds							Qvalue
32) Benzoic acid	9.72	122	473	7.196	ng	#	82
41) Hexachlorocyclopentadiene	12.35	237	7	7.437	ng		88
50) Dimethylphthalate	13.66	163	125198	9.328	ng		99
54) 2,4-Dinitrophenol	14.33	184	10	11.379	ng	#	1
56) 4-Nitrophenol	14.41	139	208	5.048	ng	#	71
65) 4,6-Dinitro-2-methylphenol	15.33	198	28	5.276	ng	#	1
70) Pentachlorophenol	16.59	266	73	7.470	ng		96
71) Phenanthrene	17.00	178	508638	22.551	ng		99
72) Anthracene	17.09	178	139127	6.286	ng		97
73) Carbazole	17.37	167	96224	4.430	ng		100
75) Fluoranthene	18.99	202	1565316	59.894	ng		98
78) Pyrene	19.35	202	1428225	40.079	ng		99
81) Benzo(a)anthracene	21.06	228	956929	28.642	ng		100
83) Chrysene	21.10	228	894666	28.132	ng		96
87) Indeno(1,2,3-cd)pyrene	25.47	276	513438	11.946	ng		96
88) Benzo(b)fluoranthene	22.61	252	1573571	42.615	ng		97
89) Benzo(k)fluoranthene	22.61	252	1573571	43.264	ng		97
90) Benzo(a)pyrene	23.17	252	835443	23.876	ng		99
91) Dibenzo(a,h)anthracene	25.47	278	141935	4.095	ng	#	79
92) Benzo(g,h,i)perylene	26.14	276	504687	14.361	ng		97

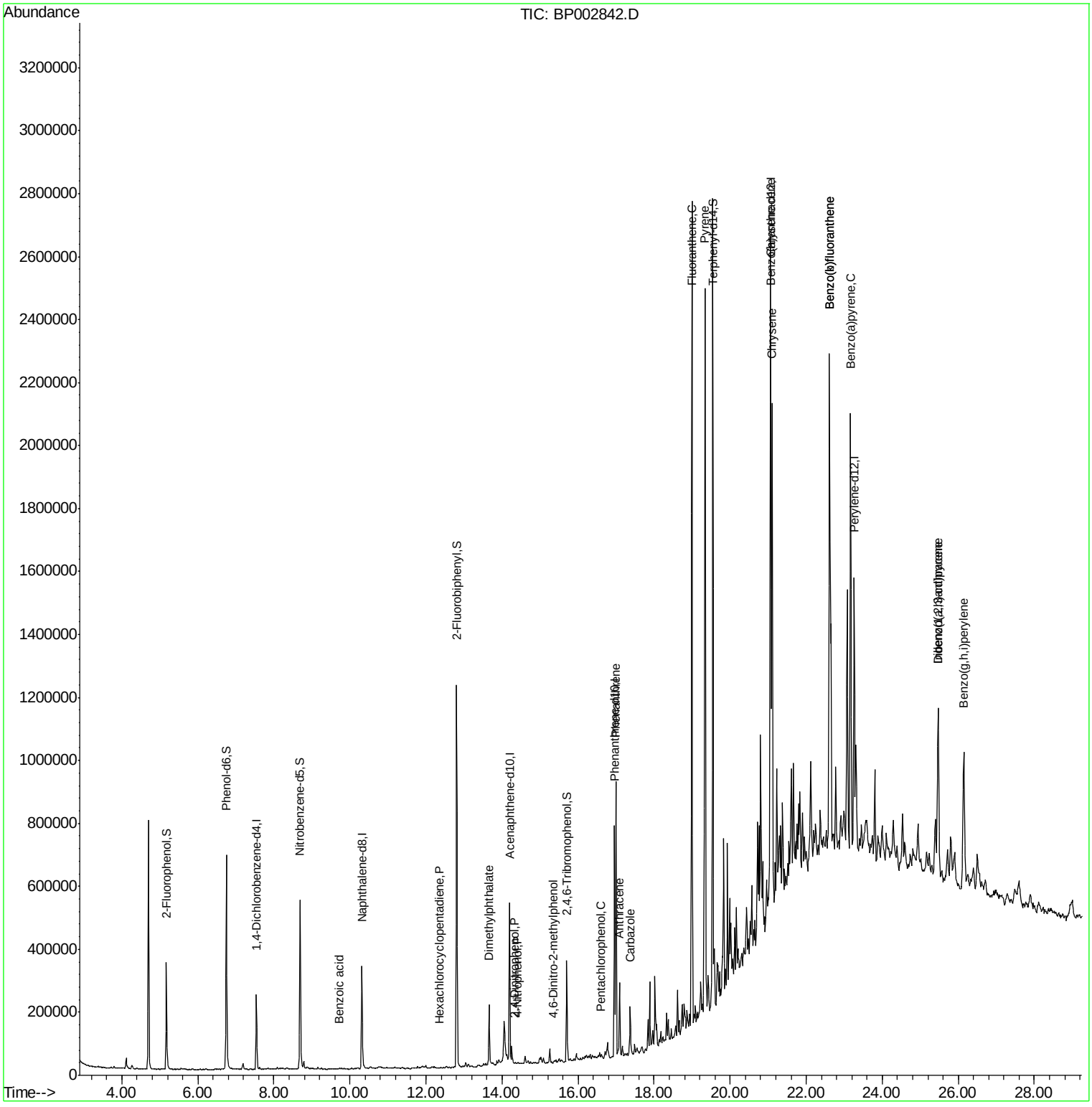
(#) = qualifier out of range (m) = manual integration (+) = signals summed

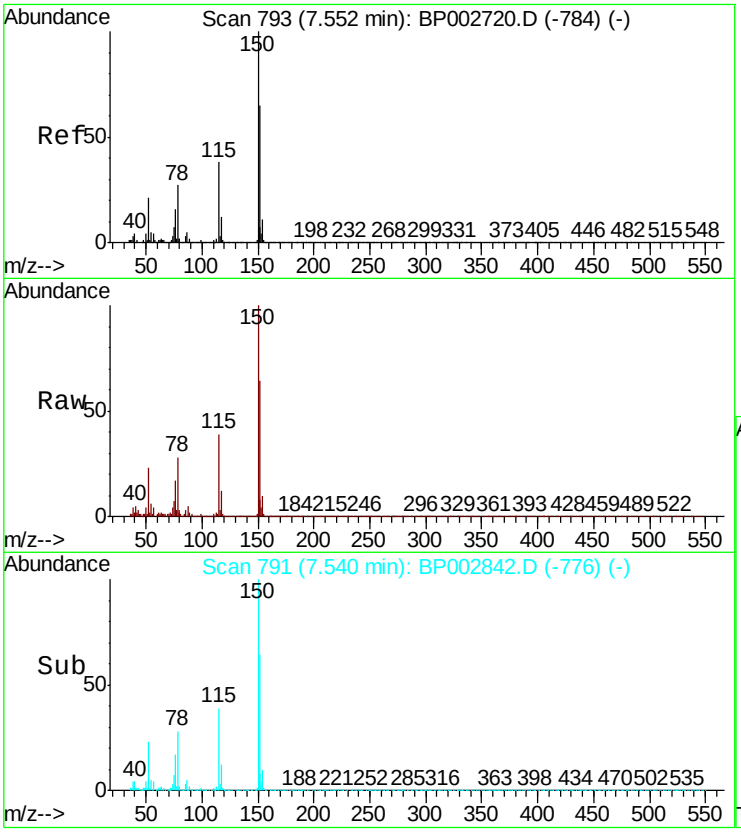
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
Data File : BP002842.D
Acq On : 23 Jul 2020 16:11
Operator : CG/JU
Sample : L3360-01RERX
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Jul 23 17:11:58 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

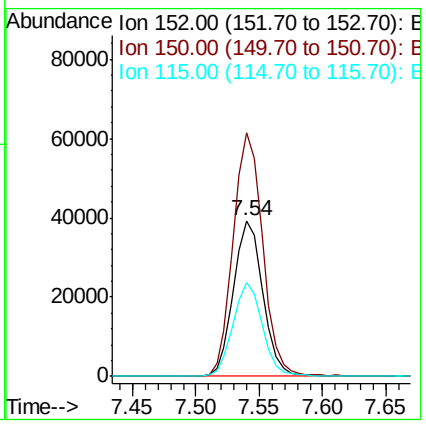




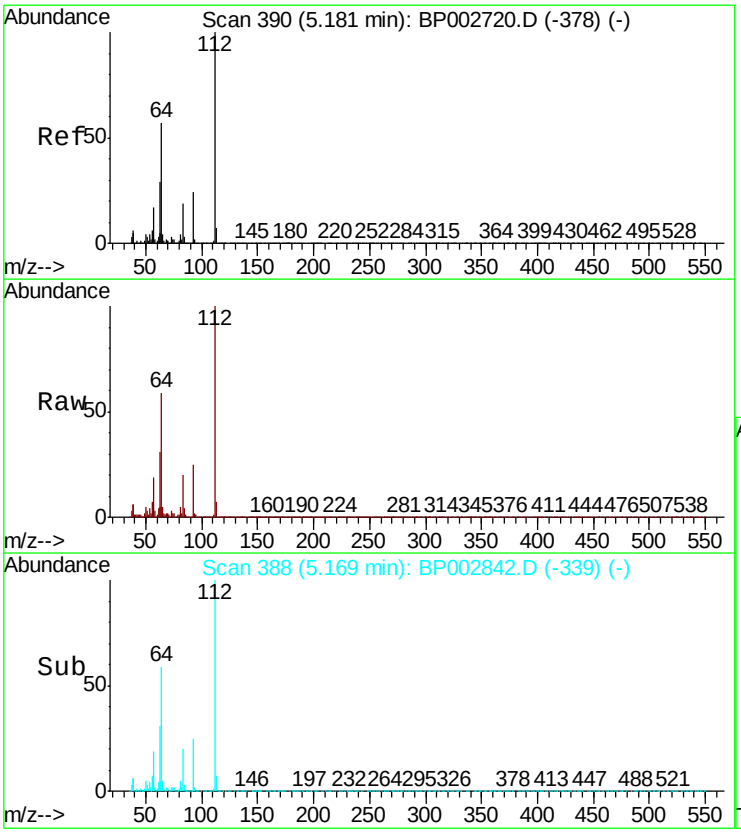
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 791
Delta R.T. -0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Tgt Ion:152 Resp: 62986

Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.7	185.5
115	60.5	47.2	70.8



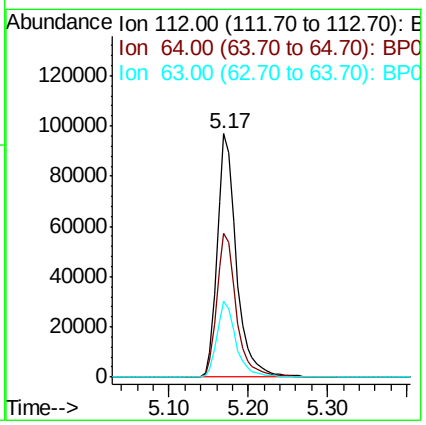
Instrument :
BNA_P
ClientSampleId :

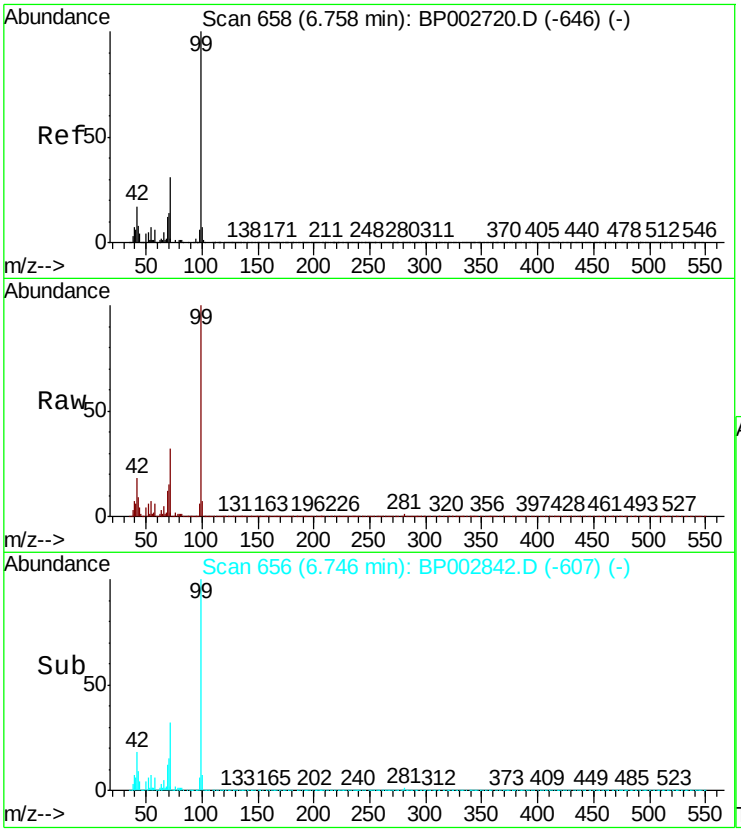


#5
2-Fluorophenol
Concen: 43.355 ng
RT: 5.17 min Scan# 388
Delta R.T. -0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Tgt Ion:112 Resp: 161853

Ion	Ratio	Lower	Upper
112	100		
64	59.2	45.6	68.4
63	31.0	23.5	35.3



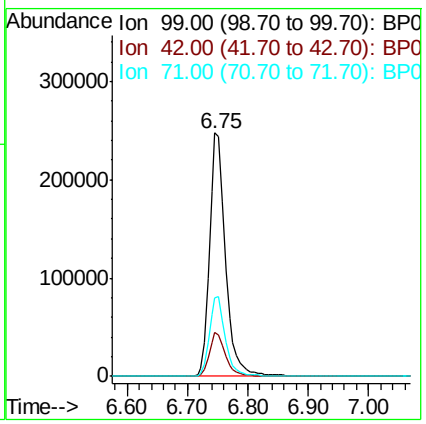


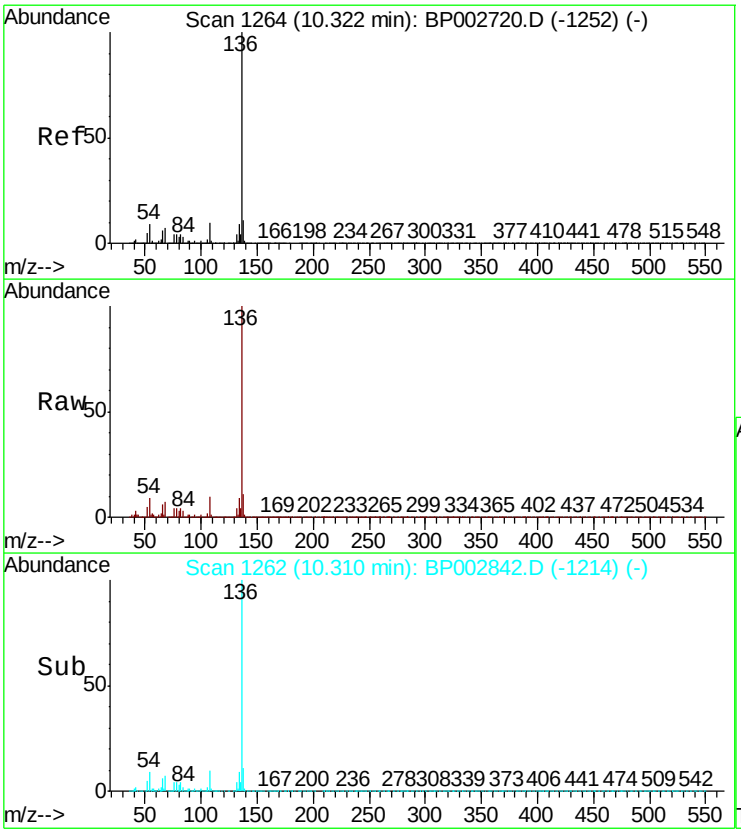
#7
Phenol-d6
Concen: 84.892 ng
RT: 6.75 min Scan# 656
Delta R.T. -0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 452297

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.4	20.2
71	32.4	24.6	36.8

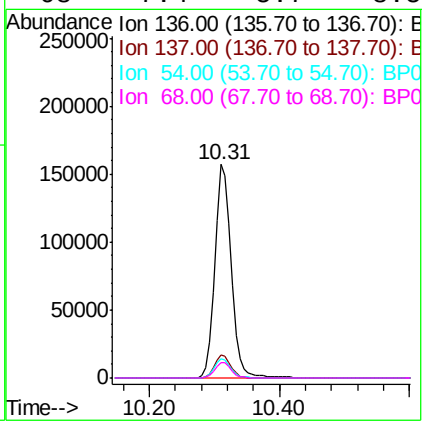


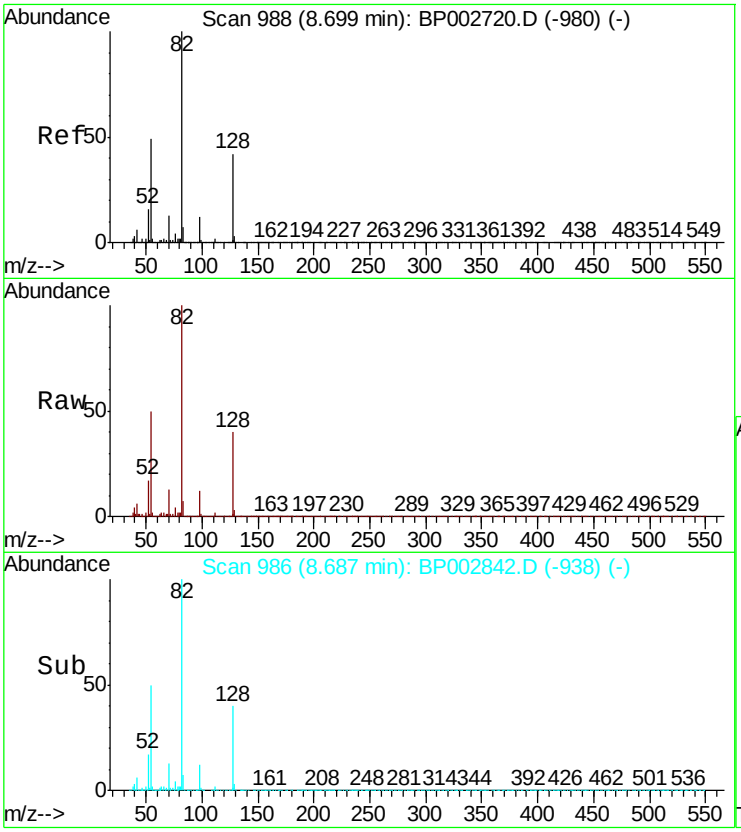


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Tgt Ion:136 Resp: 274197

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.0	6.9	10.3
68	7.4	5.7	8.5



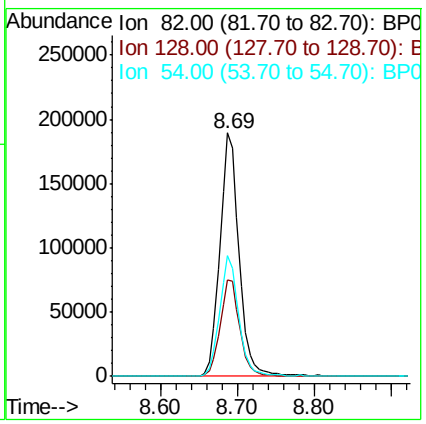


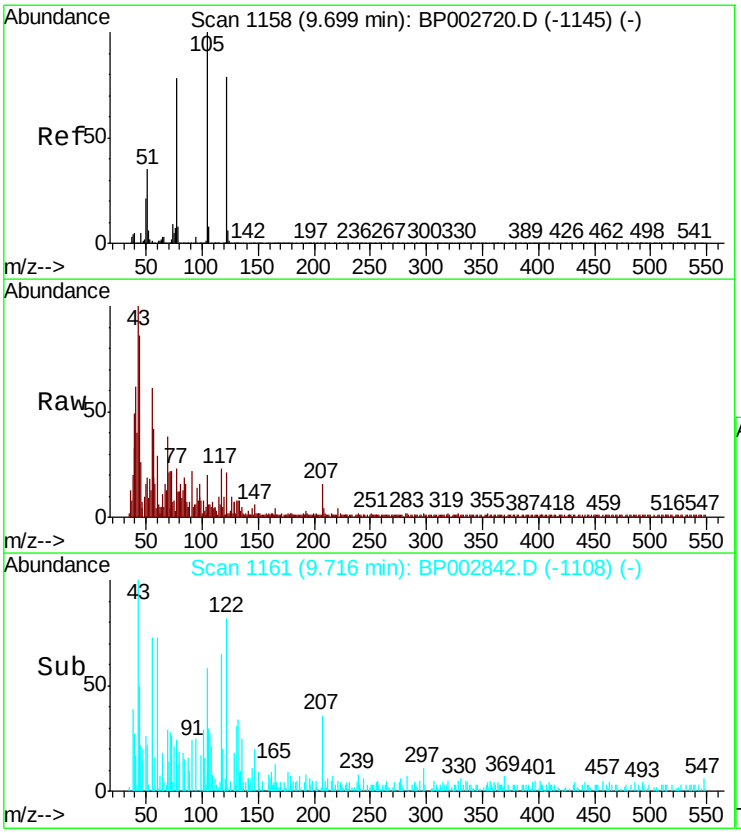
#23
Nitrobenzene-d5
Concen: 63.610 ng
RT: 8.69 min Scan# 986
Delta R.T. -0.02 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 326114

Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.8	50.8
54	49.6	38.8	58.2

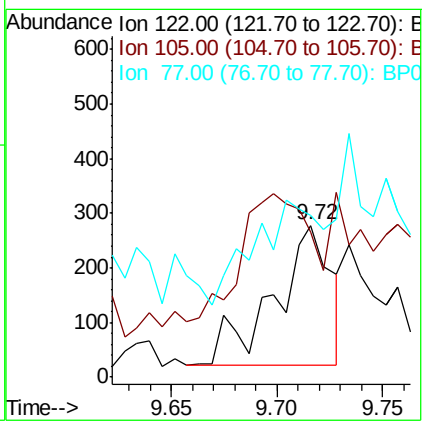


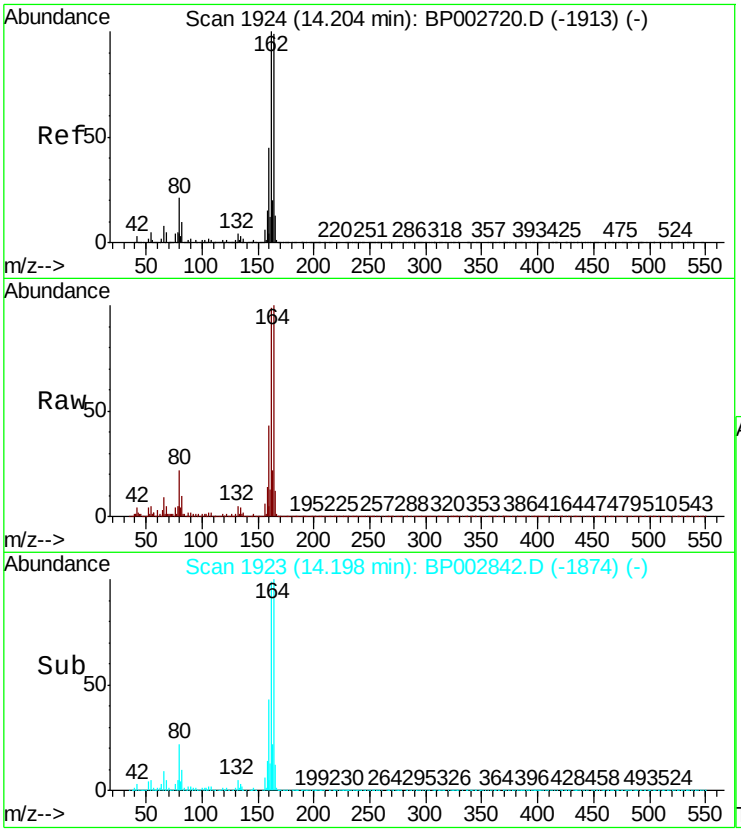


#32
Benzoic acid
Concen: 7.196 ng
RT: 9.72 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Tgt Ion:122 Resp: 473

Ion	Ratio	Lower	Upper
122	100		
105	95.3	105.4	145.4#
77	106.8	78.5	118.5



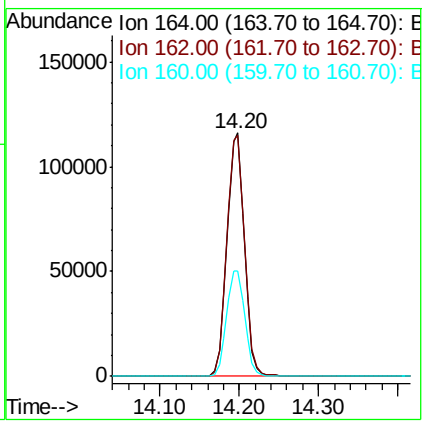


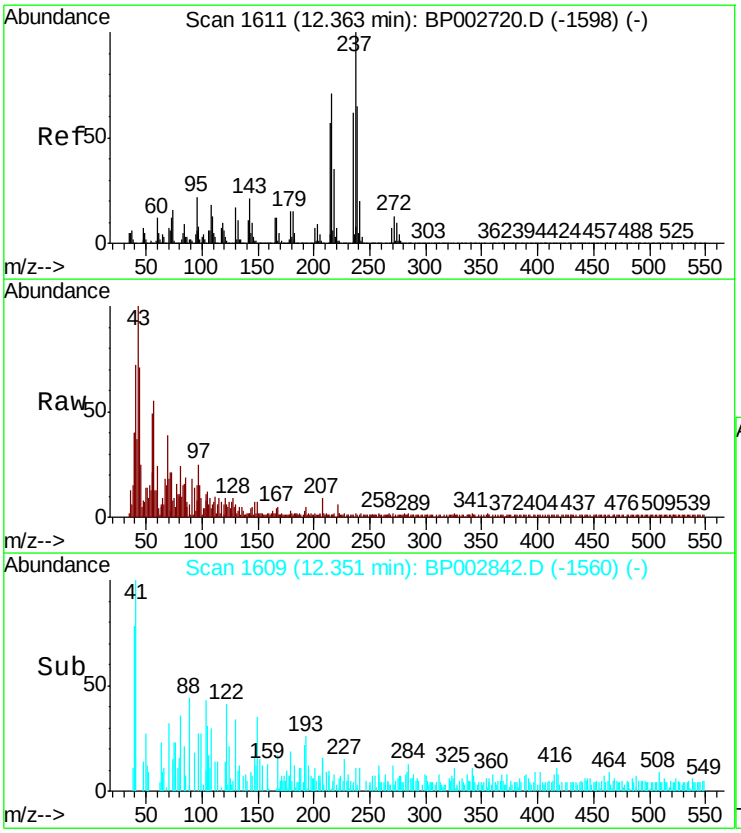
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 175983

Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.6	121.0
160	43.2	36.4	54.6

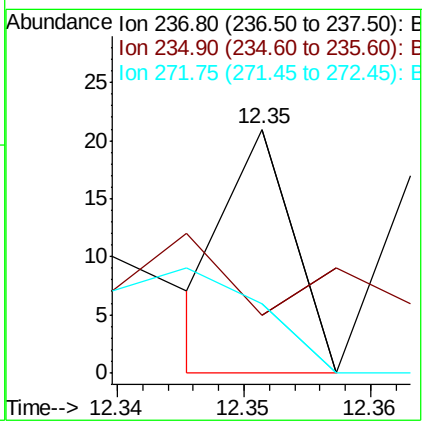


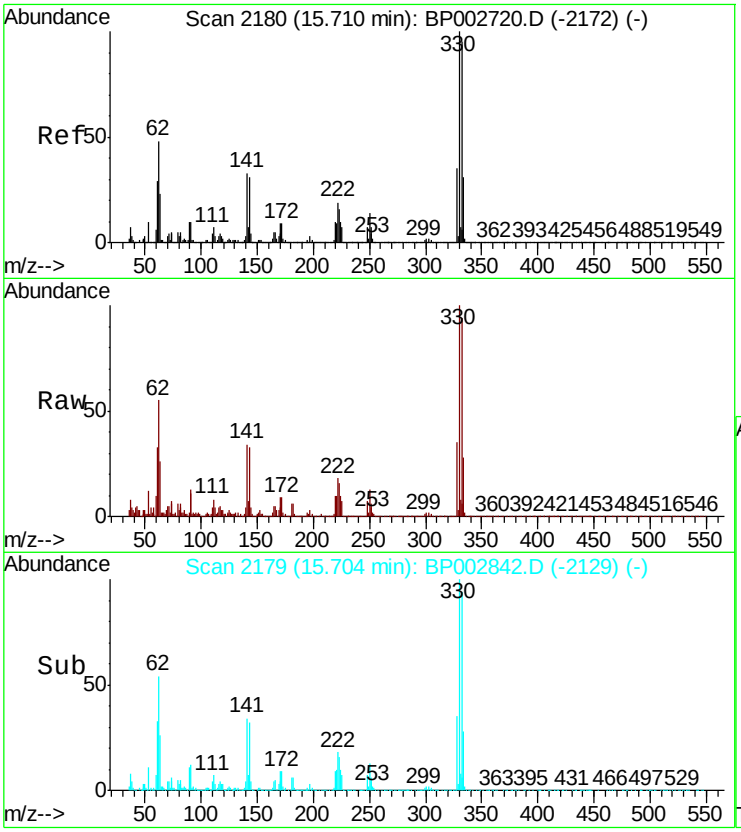


#41
Hexachlorocyclopentadiene
Concen: 7.437 ng
RT: 12.35 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Tgt Ion:237 Resp: 7

Ion	Ratio	Lower	Upper
237	100		
235	57.1	42.3	82.3
272	28.6	0.0	32.5



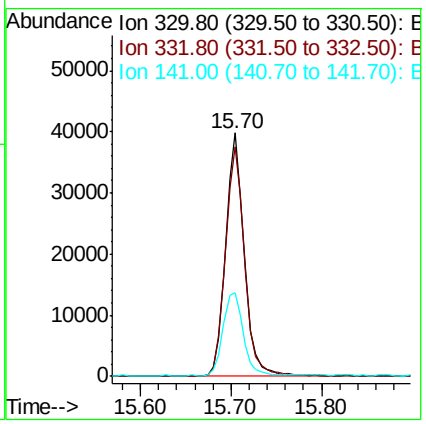


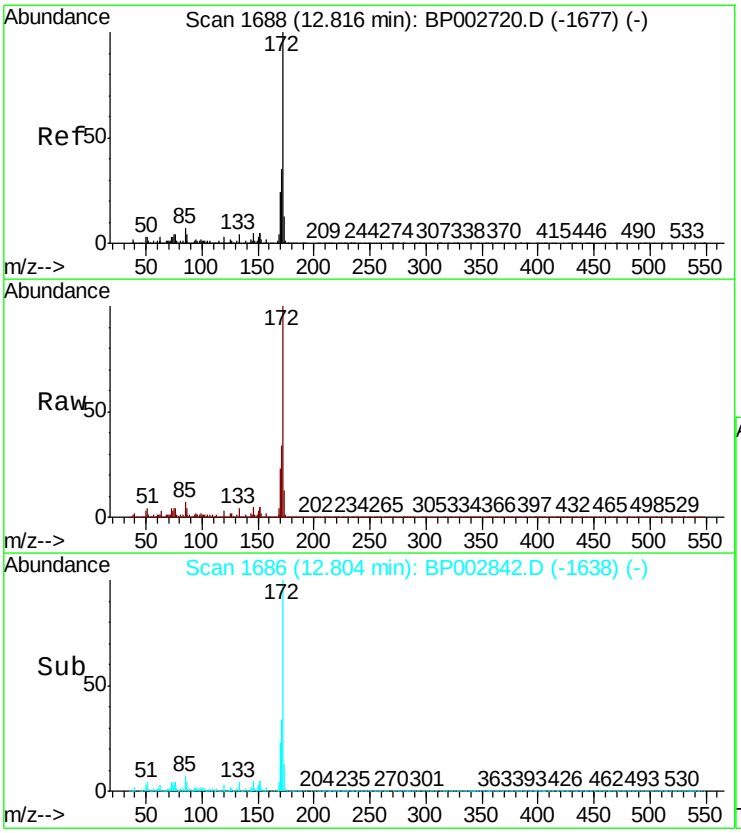
#42
2,4,6-Tribromophenol
Concen: 31.055 ng
RT: 15.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 57047

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.5	114.7
141	36.7	28.8	43.2

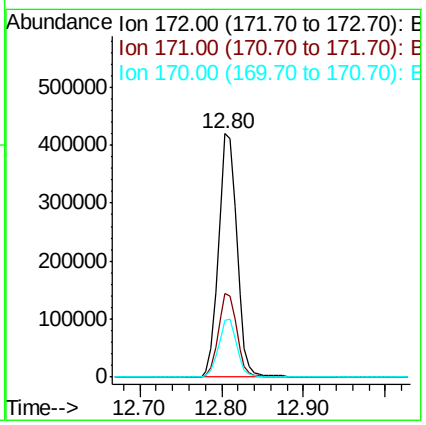


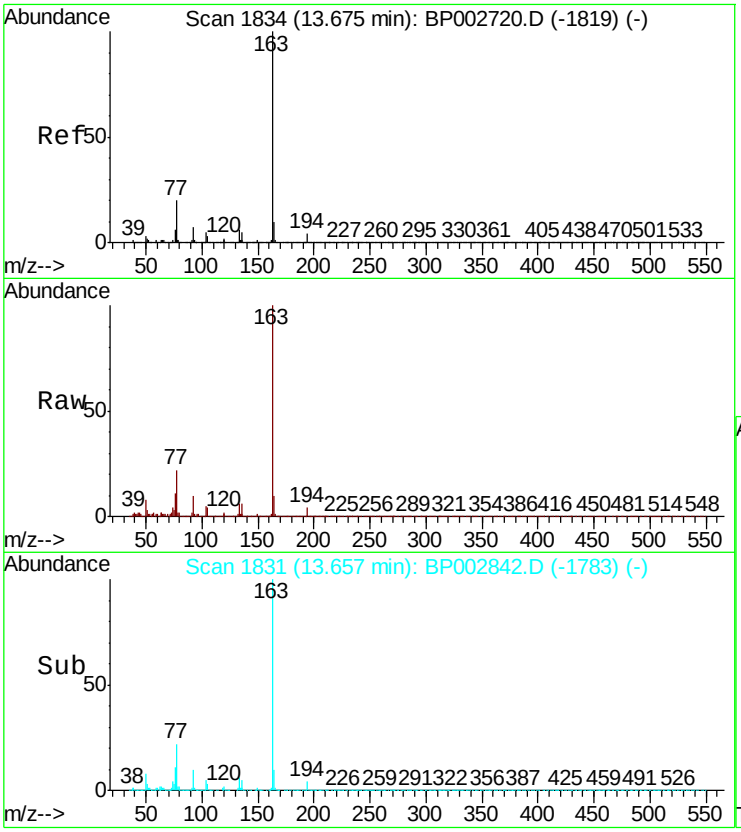


#45
2-Fluorobiphenyl
Concen: 58.248 ng
RT: 12.80 min Scan# 1686
Delta R.T. -0.02 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Tgt Ion:172 Resp: 662622

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.1	42.1
170	23.2	19.3	28.9



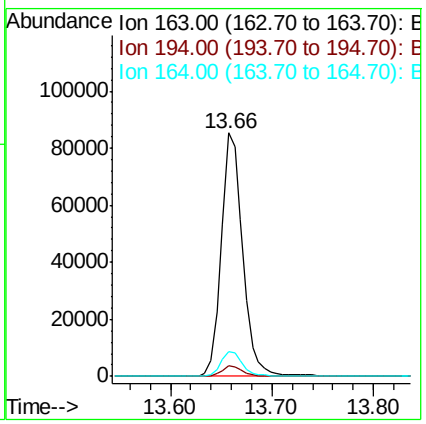


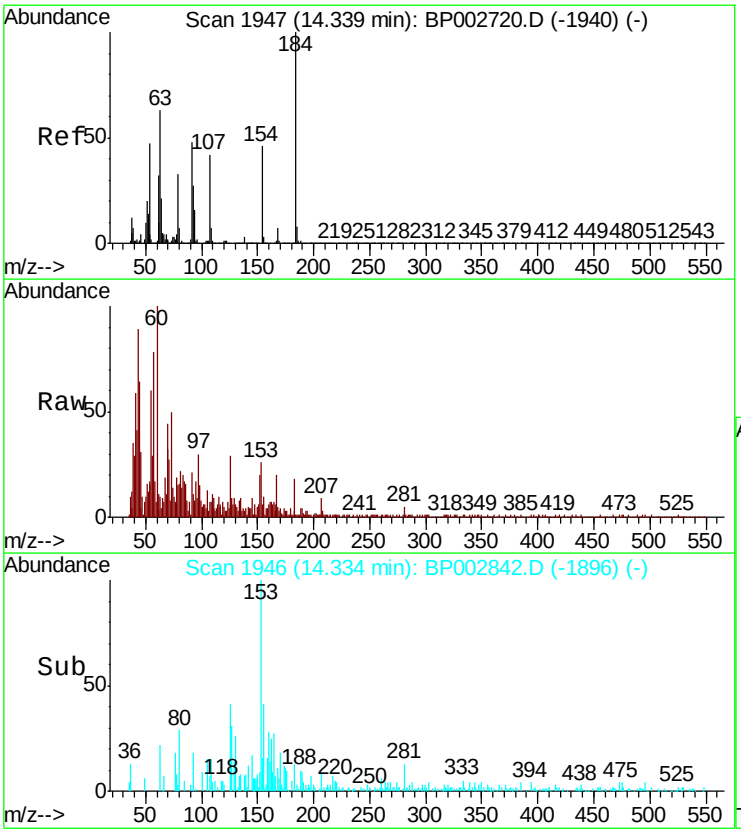
#50
Dimethylphthalate
Concen: 9.328 ng
RT: 13.66 min Scan# 1831
Delta R.T. -0.02 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 125198

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.3	7.8	11.8

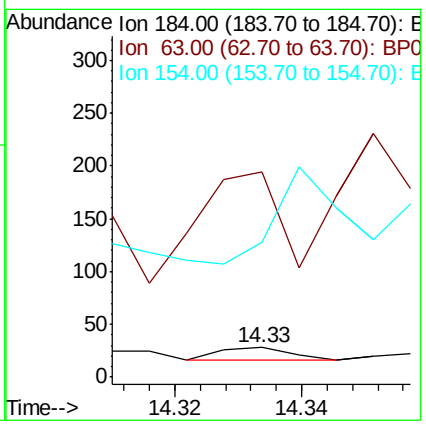


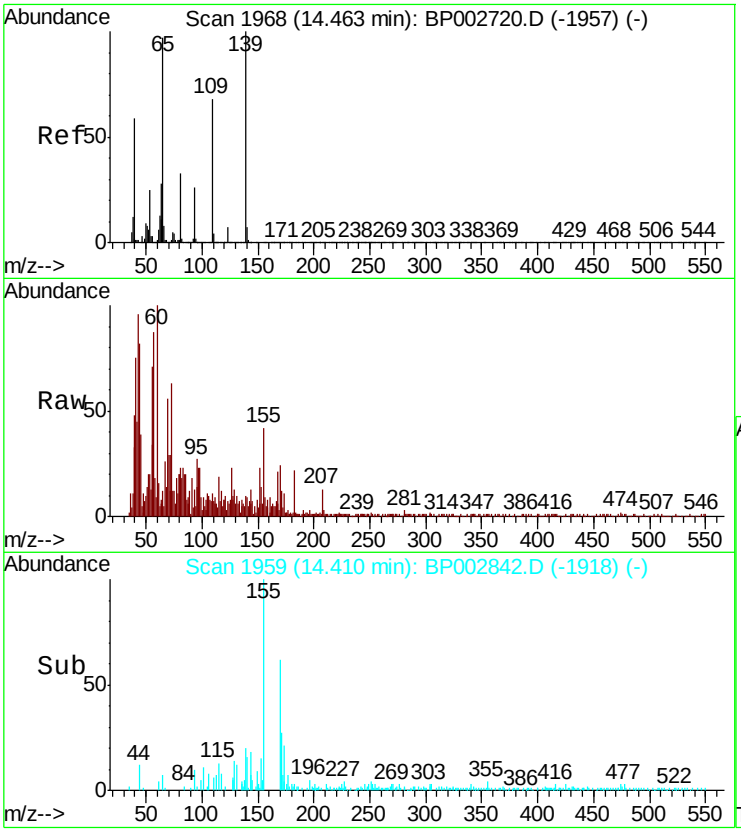


#54
2,4-Dinitrophenol
Concen: 11.379 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Tgt Ion:184 Resp: 10

Ion	Ratio	Lower	Upper
184	100		
63	692.9	51.6	77.4#
154	457.1	45.0	67.6#



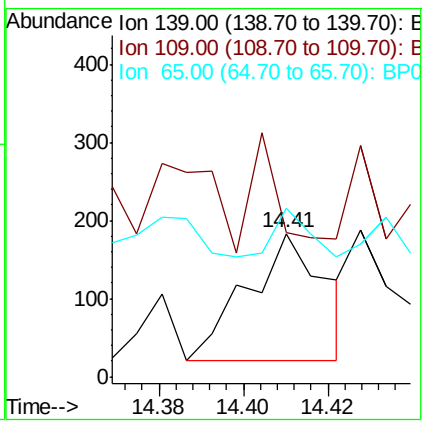


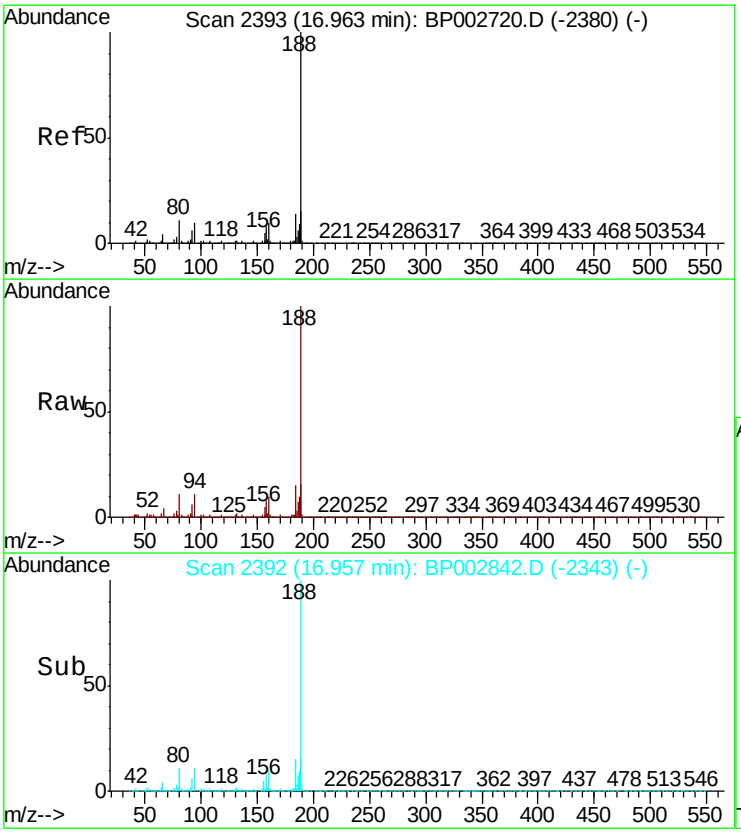
#56
4-Nitrophenol
Concen: 5.048 ng
RT: 14.41 min Scan# 1959
Delta R.T. -0.06 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:139 Resp: 208

Ion	Ratio	Lower	Upper
139	100		
109	101.1	48.1	88.1#
65	118.0	77.9	117.9#

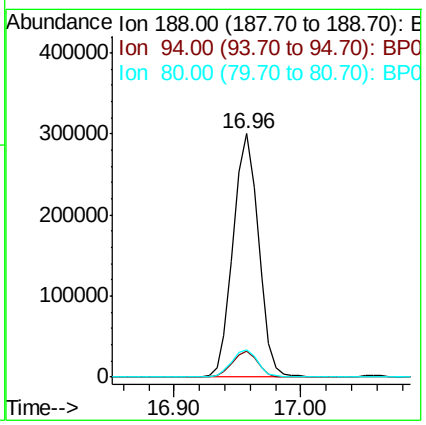


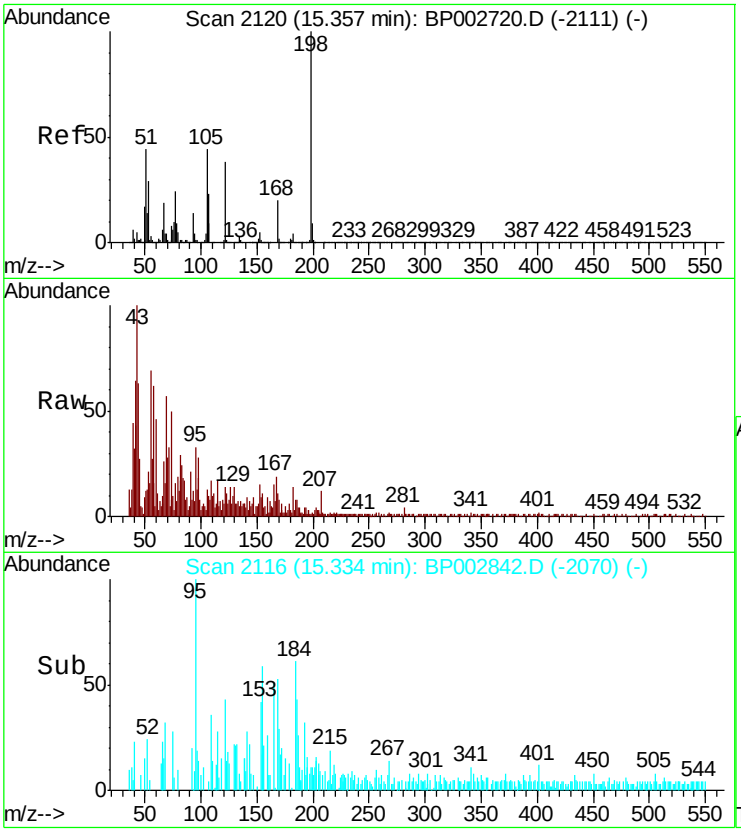


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Tgt Ion:188 Resp: 416574

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.1	12.1
80	11.4	8.9	13.3



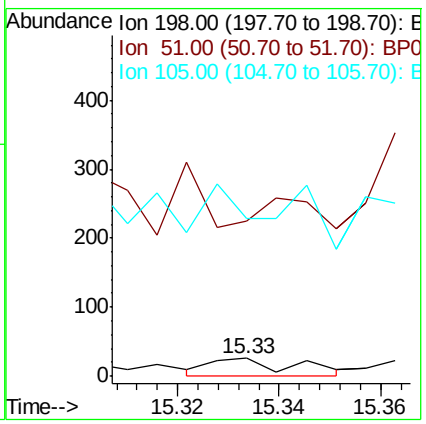


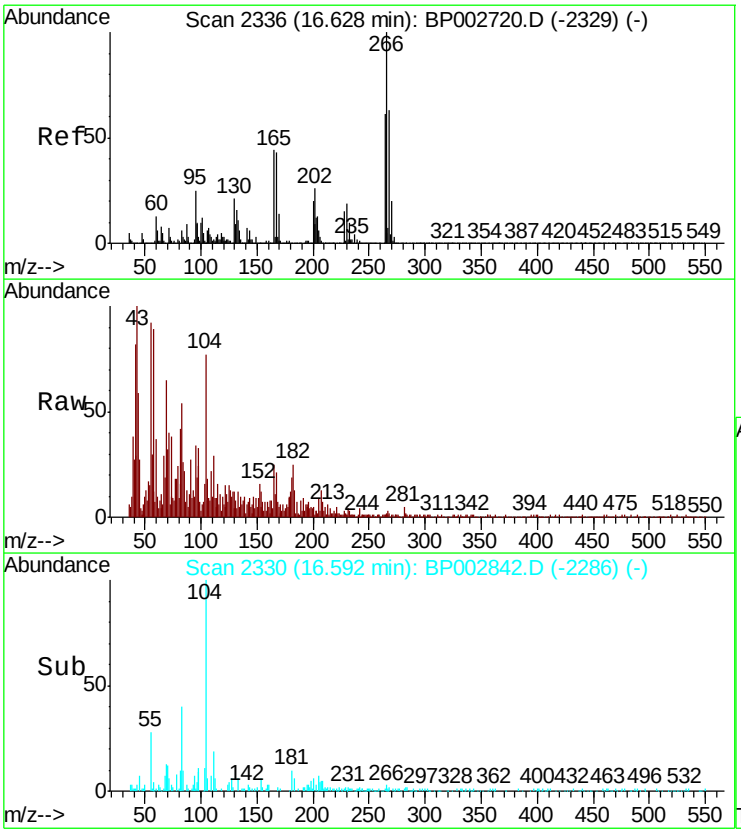
#65
4,6-Dinitro-2-methylphenol
Concen: 5.276 ng
RT: 15.33 min Scan# 2116
Delta R.T. -0.03 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:198 Resp: 28

Ion	Ratio	Lower	Upper
198	100		
51	861.5	27.1	67.1#
105	880.8	24.9	64.9#

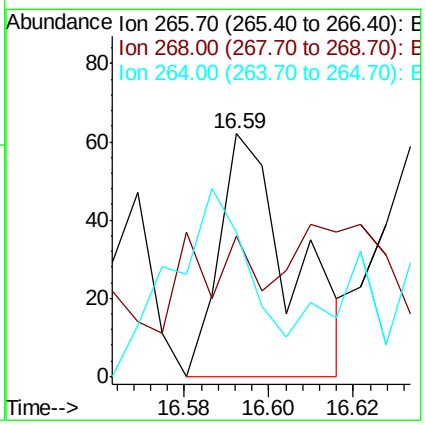


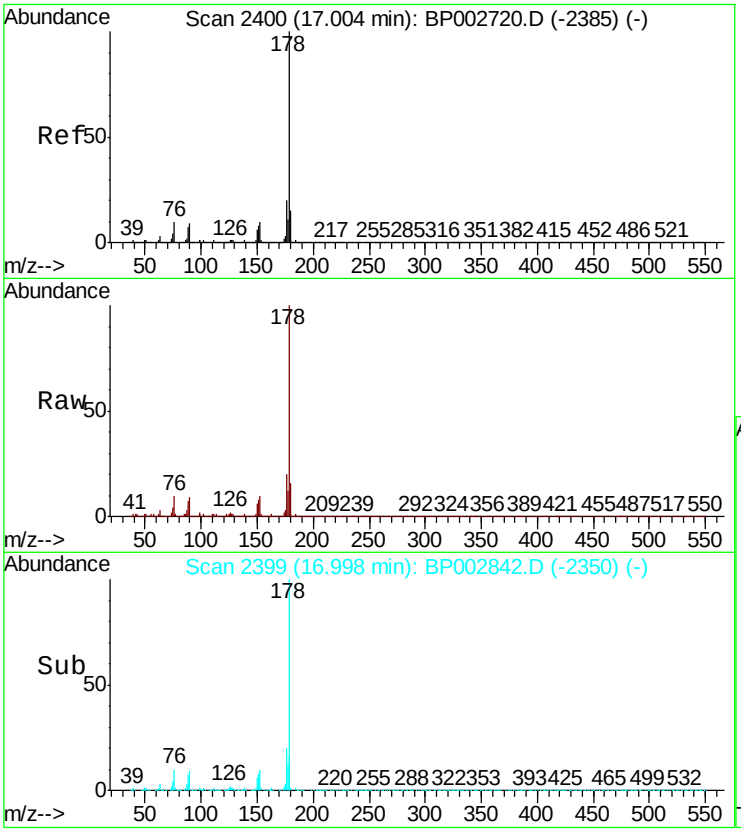


#70
Pentachlorophenol
Concen: 7.470 ng
RT: 16.59 min Scan# 2330
Delta R.T. -0.04 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Tgt Ion:266 Resp: 73

Ion	Ratio	Lower	Upper
266	100		
268	58.1	50.6	75.8
264	59.7	48.6	72.8



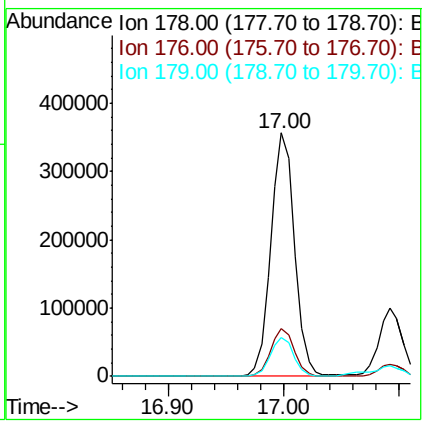


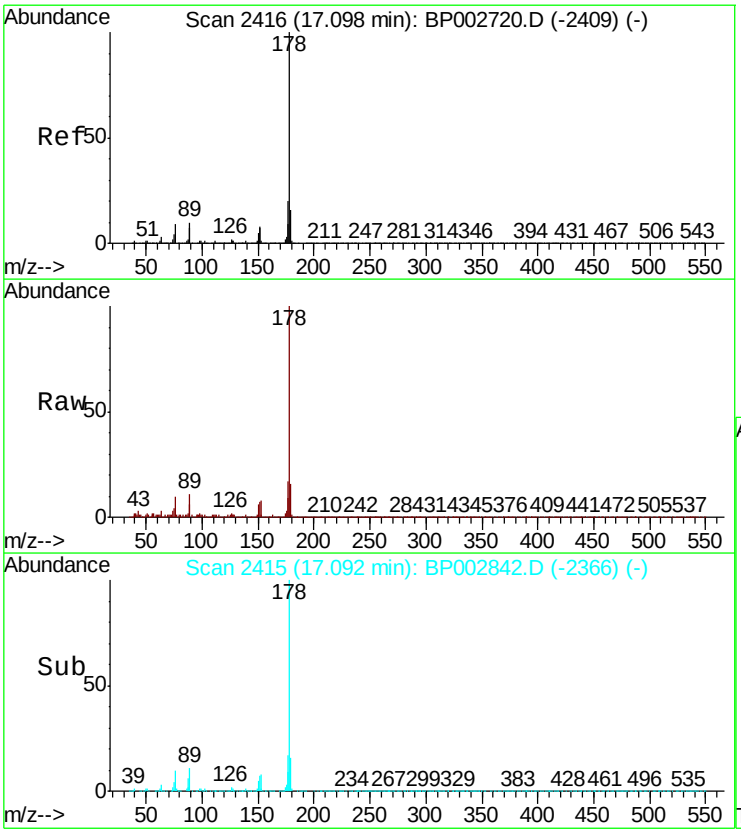
#71
Phenanthrene
Concen: 22.551 ng
RT: 17.00 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 508638

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	16.1	12.3	18.5

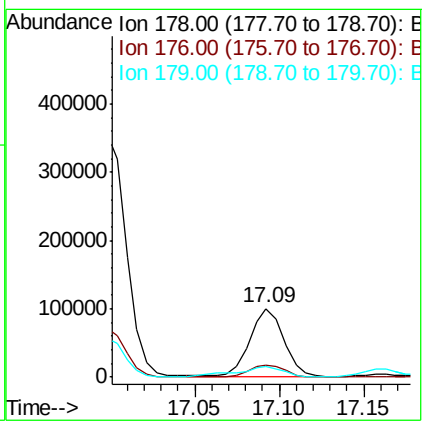


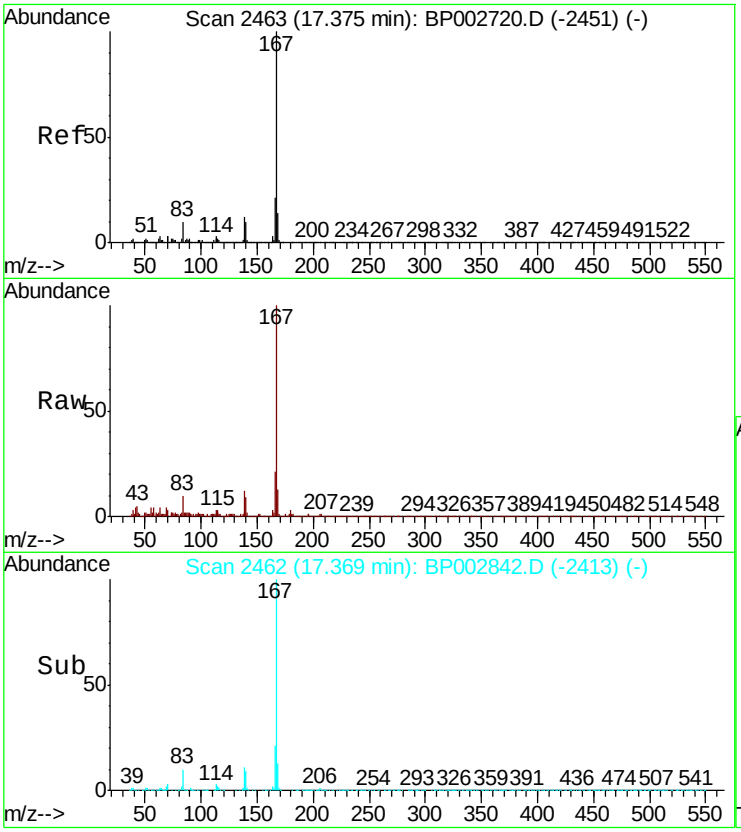


#72
Anthracene
Concen: 6.286 ng
RT: 17.09 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Tgt Ion:178 Resp: 139127

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.6	23.4
179	15.6	12.6	19.0



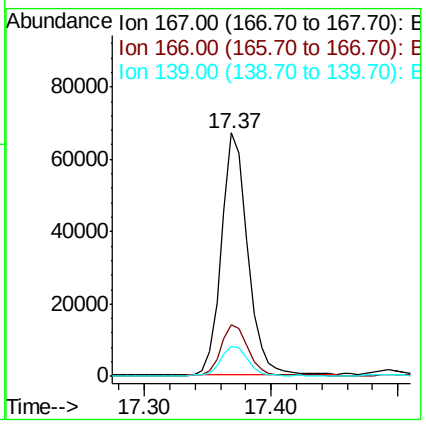


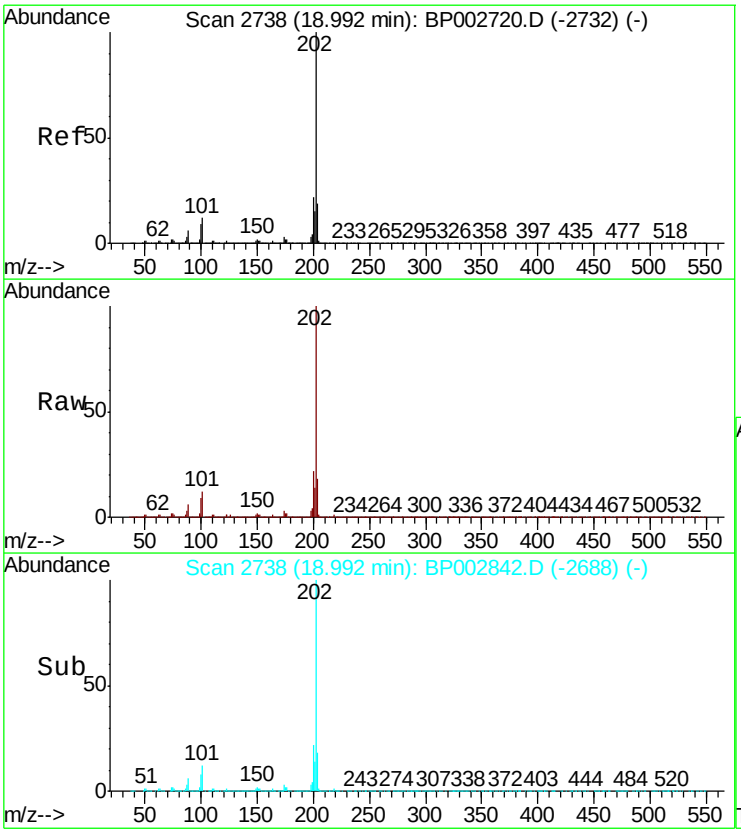
#73
Carbazole
Concen: 4.430 ng
RT: 17.37 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:167 Resp: 96224

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	12.2	9.6	14.4

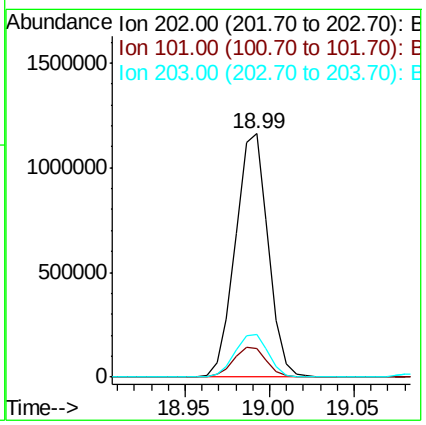


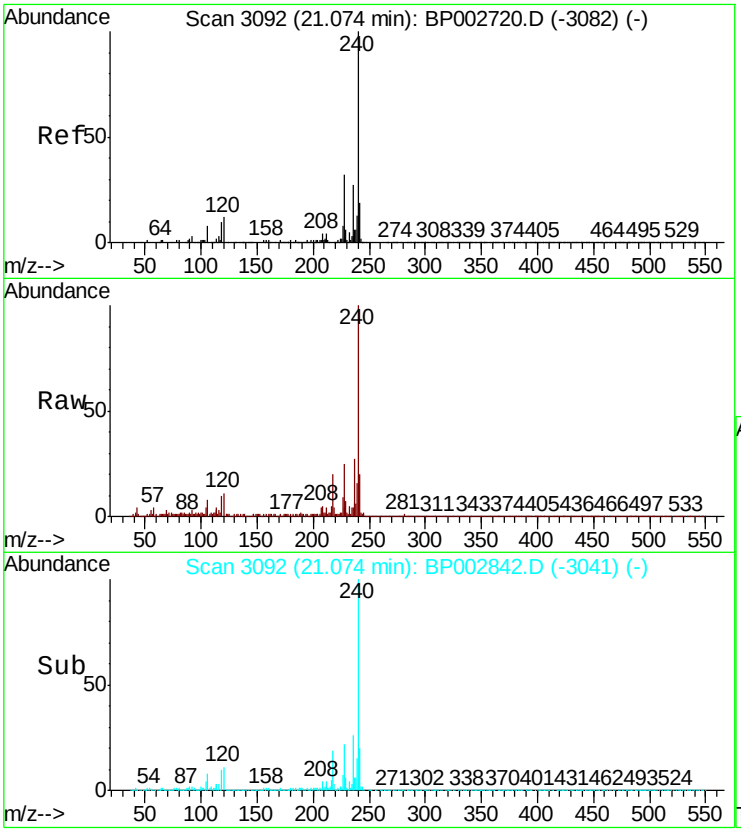


#75
Fluoranthene
Concen: 59.894 ng
RT: 18.99 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Tgt Ion:202 Resp: 1565316

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.5
203	17.7	0.0	38.6



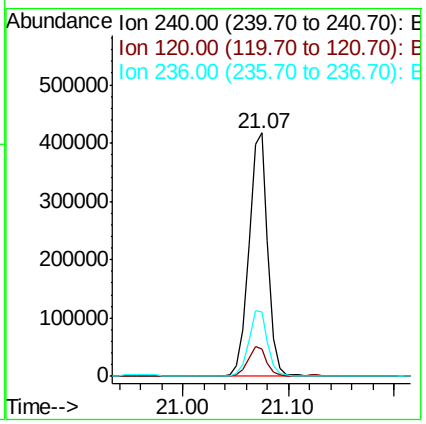


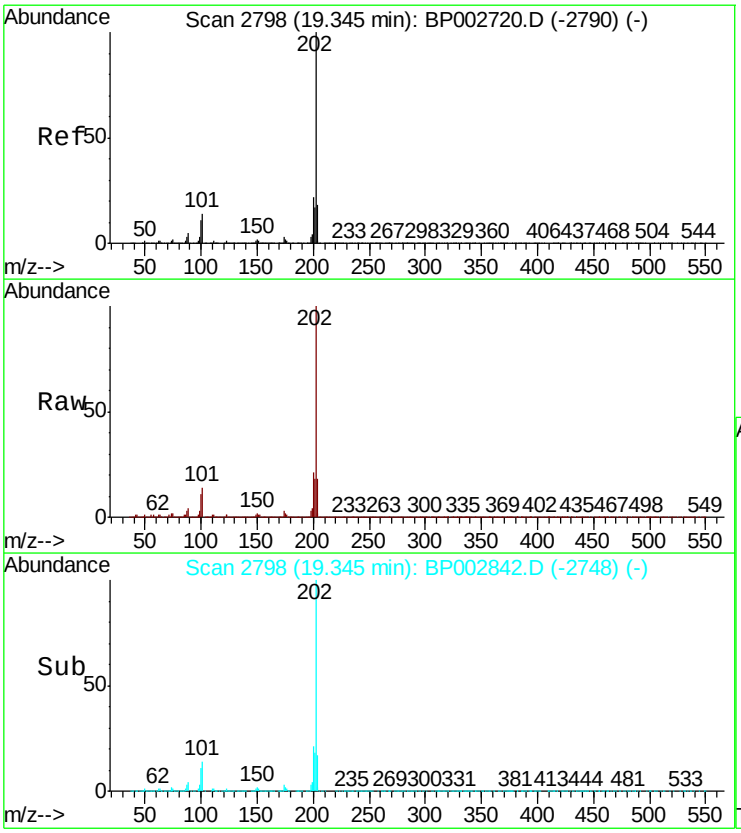
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 516122

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.4	14.2
236	26.7	21.3	31.9

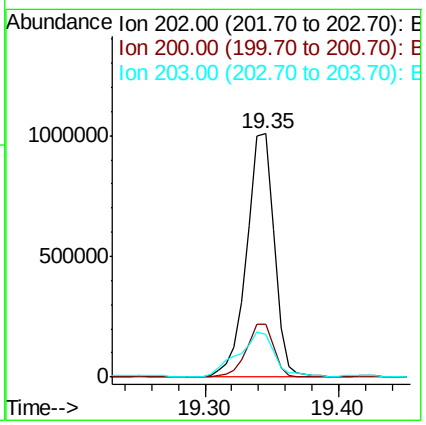


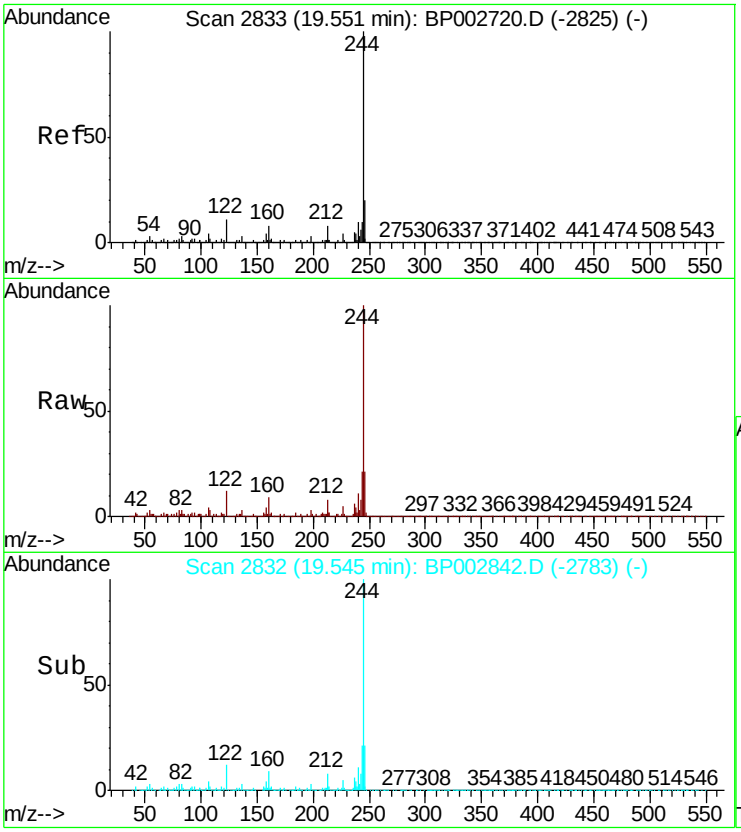


#78
Pyrene
Concen: 40.079 ng
RT: 19.35 min Scan# 2798
Delta R.T. -0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Tgt Ion:202 Resp: 1428225

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	17.6	14.5	21.7



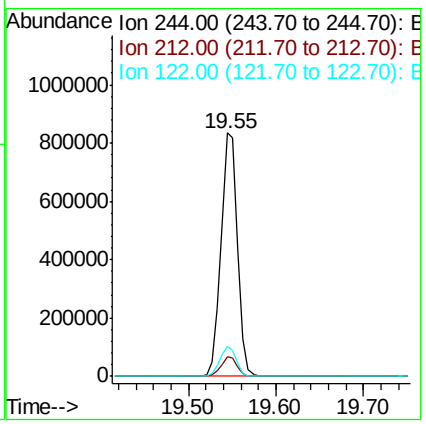


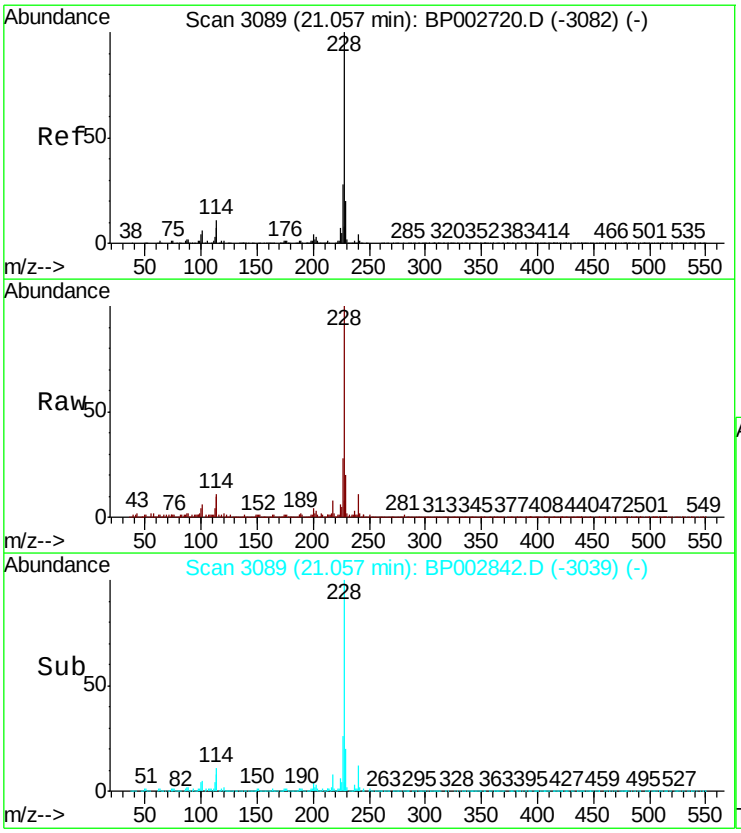
#79
Terphenyl-d14
Concen: 48.350 ng
RT: 19.55 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 1088413

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	12.1	8.9	13.3

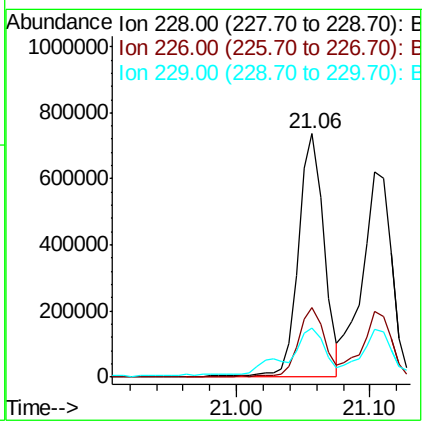


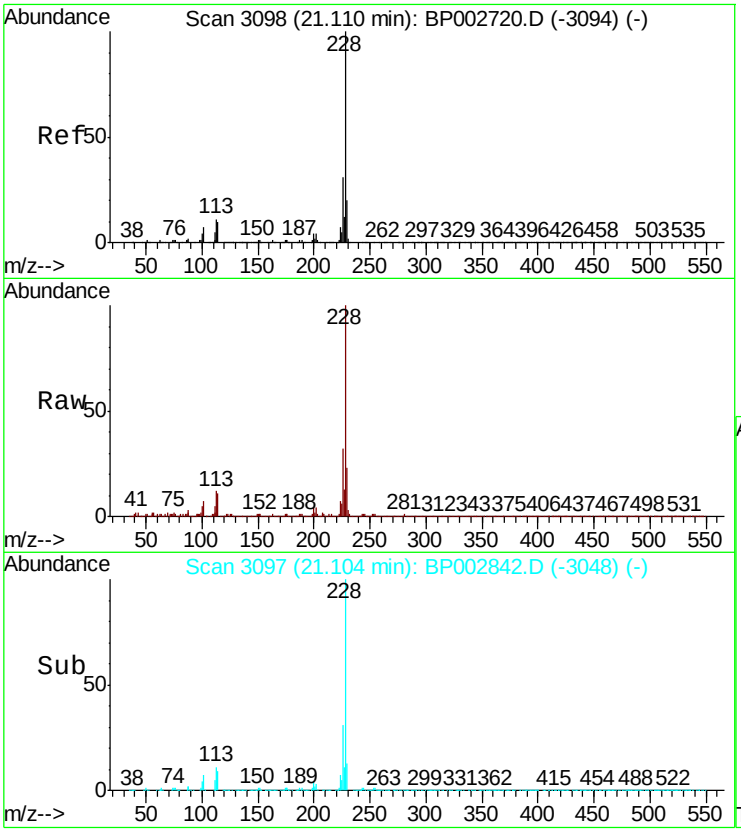


#81
Benzo(a)anthracene
Concen: 28.642 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Tgt Ion:228 Resp: 956929

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	34.0
229	19.9	16.0	24.0



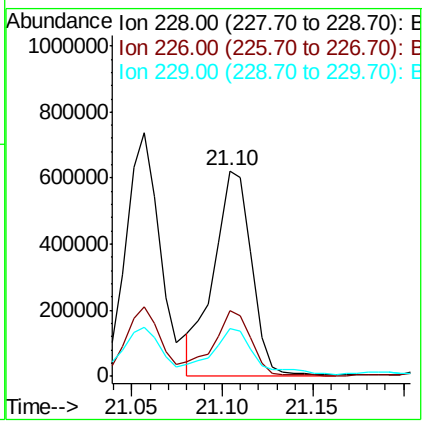


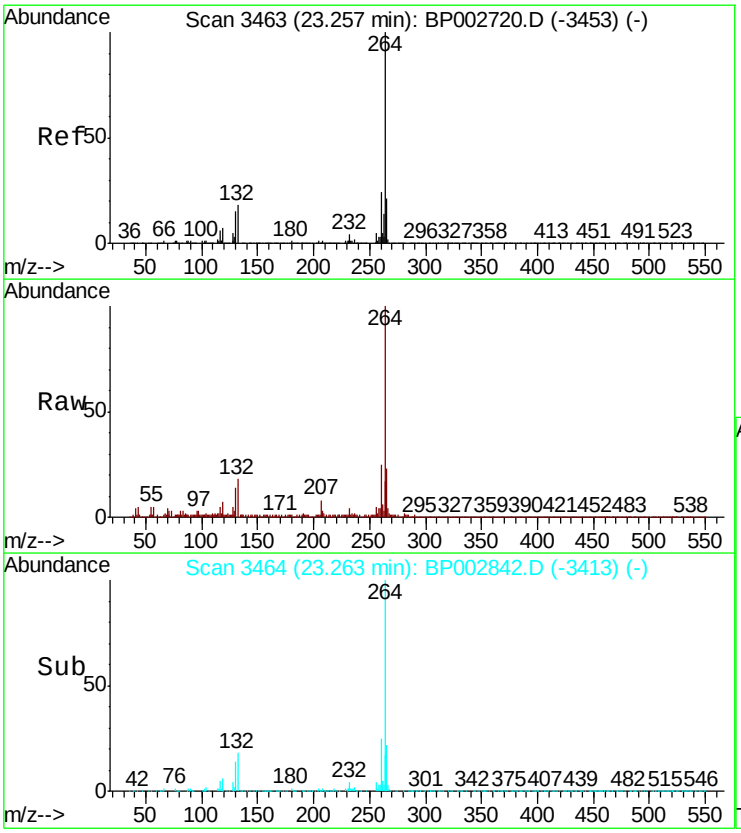
#83
Chrysene
Concen: 28.132 ng
RT: 21.10 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 894666

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.6	37.0
229	23.3	15.7	23.5

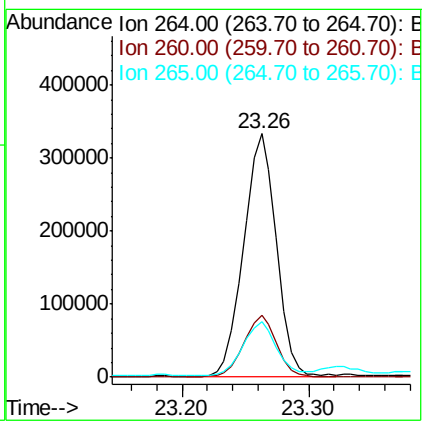


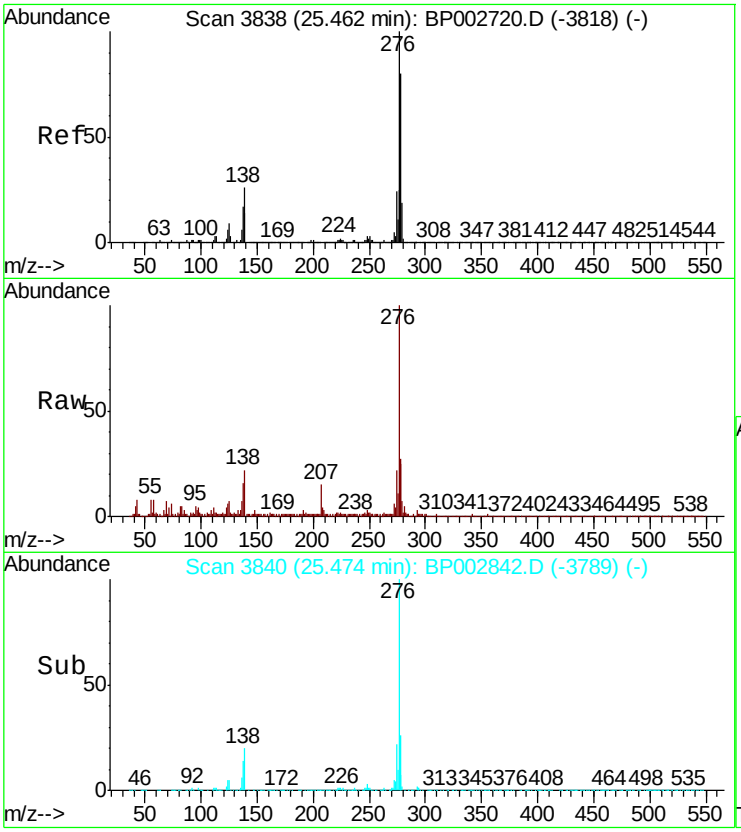


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3464
Delta R.T. 0.00 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Tgt Ion:264 Resp: 594666

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.3	28.9
265	23.0	16.8	25.2



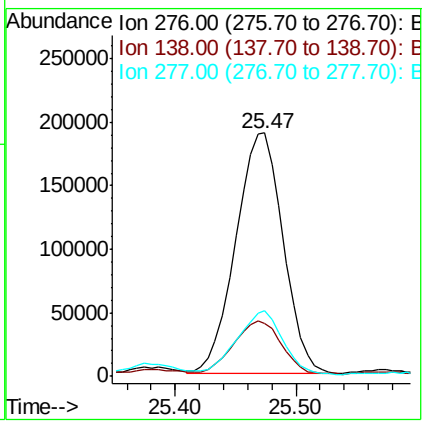


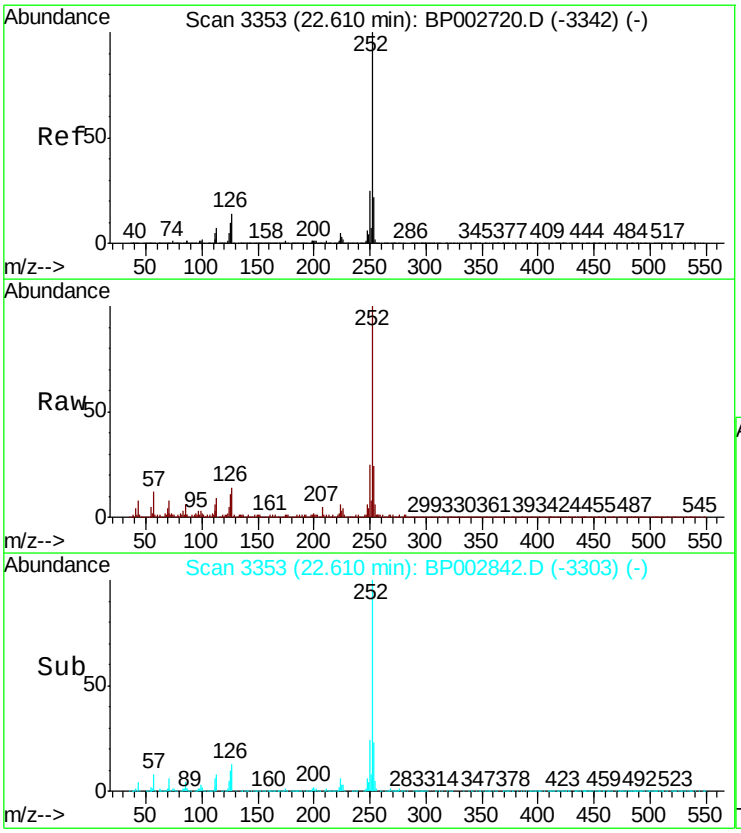
#87
Indeno(1,2,3-cd)pyrene
Concen: 11.946 ng
RT: 25.47 min Scan# 3840
Delta R.T. 0.00 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 513438

Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.8	31.2
277	25.6	20.0	30.0

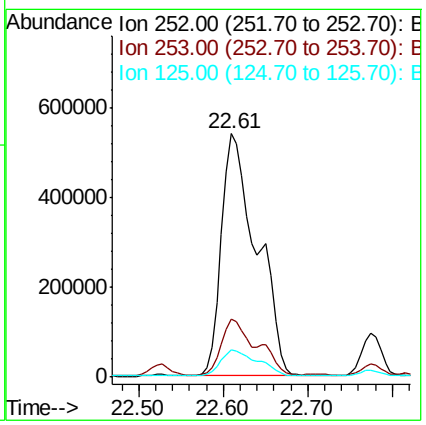


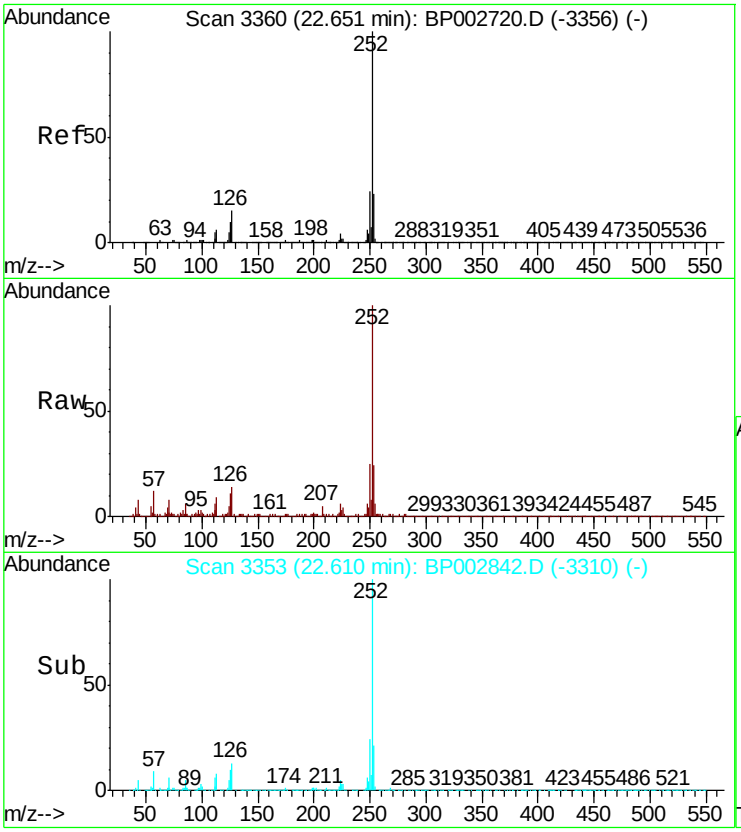


#88
Benzo(b)fluoranthene
Concen: 42.615 ng
RT: 22.61 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Tgt Ion:252 Resp: 1573571

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	11.1	8.2	12.2



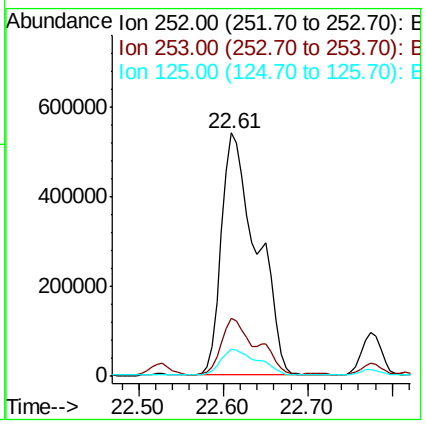


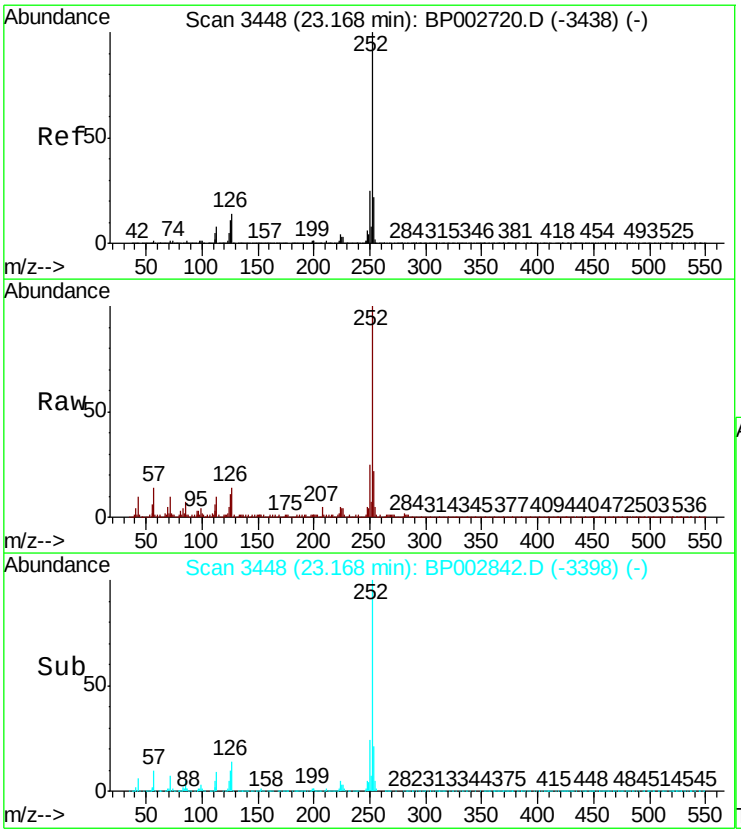
#89
Benzo(k)fluoranthene
Concen: 43.264 ng
RT: 22.61 min Scan# 3353
Delta R.T. -0.05 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 1573571

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	11.1	8.3	12.5

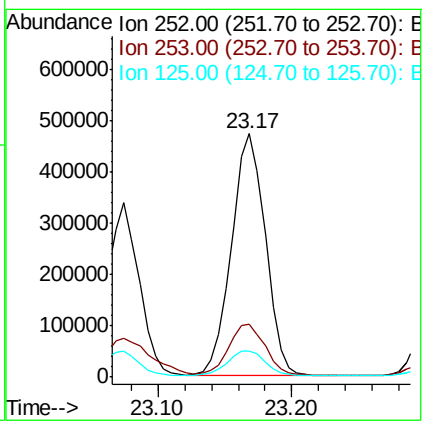


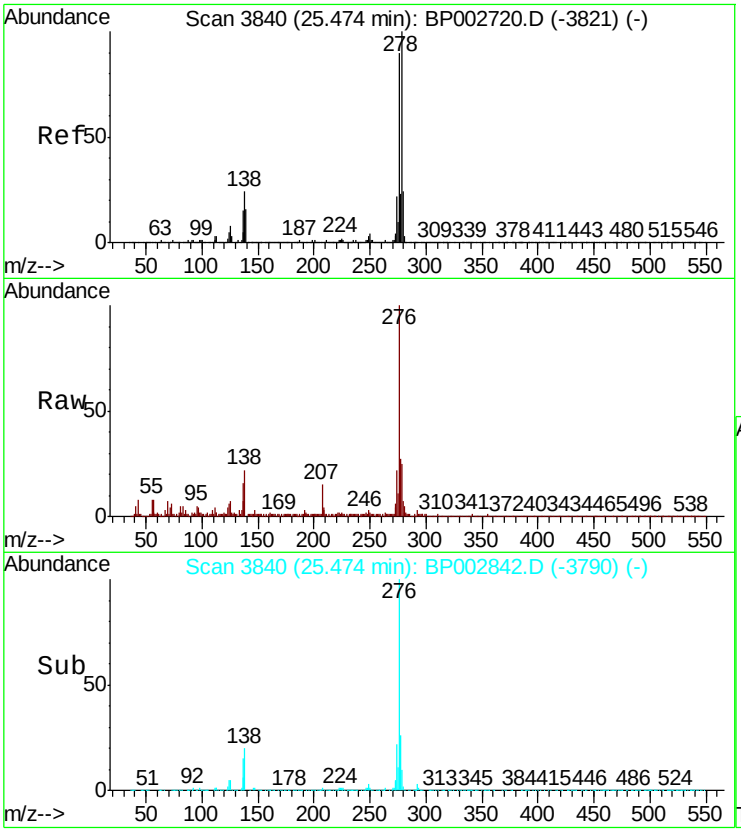


#90
Benzo(a)pyrene
Concen: 23.876 ng
RT: 23.17 min Scan# 3448
Delta R.T. -0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Tgt Ion:252 Resp: 835443

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	10.8	8.6	13.0



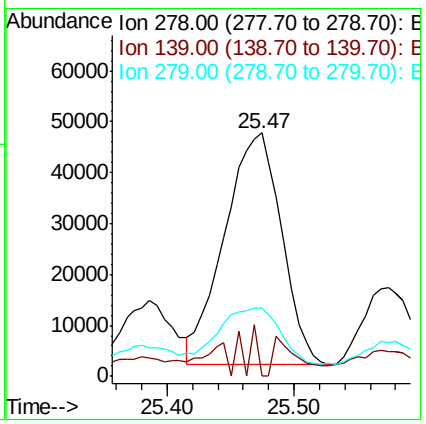


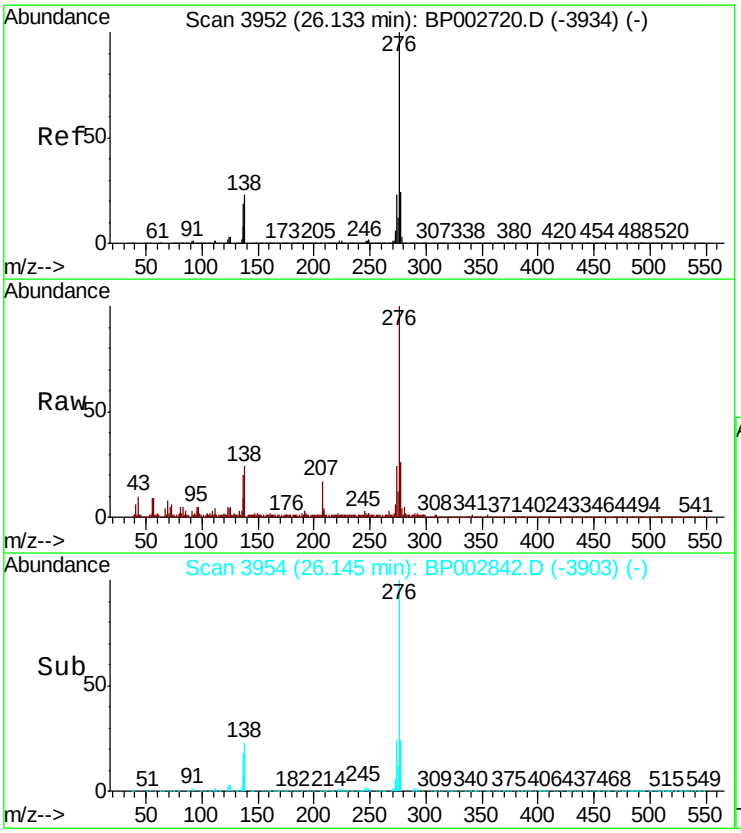
#91
Dibenzo(a,h)anthracene
Concen: 4.095 ng
RT: 25.47 min Scan# 3840
Delta R.T. -0.01 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 141935

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.1	19.7#
279	27.9	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 14.361 ng
RT: 26.14 min Scan# 3954
Delta R.T. 0.00 min
Lab File: BP002842.D
Acq: 23 Jul 2020 16:11

Tgt Ion:276 Resp: 504687

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.1	28.7
138	24.1	18.3	27.5