Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
Data File : BP002615.D
Acq On : 01 Jul 2020 21:20
Operator : CG/JU
Sample : L3157-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB-D35

Quant Time: Jul 02 00:59:39 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	330802	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	1324590	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	781835	20.00	ng		0.00
64) Phenanthrene-d10	16.98	188	1528839	20.00	ng		0.00
76) Chrysene-d12	21.09	240	926199	20.00	ng		0.00
86) Perylene-d12	23.29	264	859593	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1613659	82.59	ng		0.00
7) Phenol-d6	6.77	99	2245595	82.35	ng		0.00
23) Nitrobenzene-d5	8.72	82	1645677	64.02	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	731349	76.91	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	3230996	60.82	ng		0.00
79) Terphenyl-d14	19.57	244	3317398	77.31	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.58	122	19101	9.758	ng	#	23
41) Hexachlorocyclopentadiene	12.36	237	23	4.383	ng		77
49) Acenaphthylene	13.93	152	177926	2.348	ng		98
50) Dimethylphthalate	13.68	163	620544	10.105	ng		100
54) 2,4-Dinitrophenol	14.33	184	64	6.016	ng	#	1
56) 4-Nitrophenol	14.45	139	1053	2.526	ng	#	64
65) 4,6-Dinitro-2-methylphenol	15.36	198	76	2.717	ng	#	1
70) Pentachlorophenol	16.65	266	768	2.732	ng		97
71) Phenanthrene	17.02	178	907116	11.028	ng		99
72) Anthracene	17.11	178	351347	4.292	ng		100
73) Carbazole	17.39	167	159534	2.017	ng		100
75) Fluoranthene	19.00	202	1315111	13.208	ng		97
77) Benzidine	19.16	184	852	3.776	ng	#	1
78) Pyrene	19.36	202	1262197	20.021	ng		99
81) Benzo(a)anthracene	21.07	228	628568	10.381	ng		94
83) Chrysene	21.07	228	628568	10.825	ng		96
87) Indeno(1,2,3-cd)pyrene	25.50	276	445518	7.198	ng		99
88) Benzo(b)fluoranthene	22.63	252	853376	15.558	ng	#	97
89) Benzo(k)fluoranthene	22.63	252	853376	16.677	ng	#	96
90) Benzo(a)pyrene	23.19	252	539653	10.721	ng	#	96
91) Dibenzo(a,h)anthracene	25.50	278	119654	2.366	ng	#	76
92) Benzo(g,h,i)perylene	26.17	276	460723	9.109	ng		97

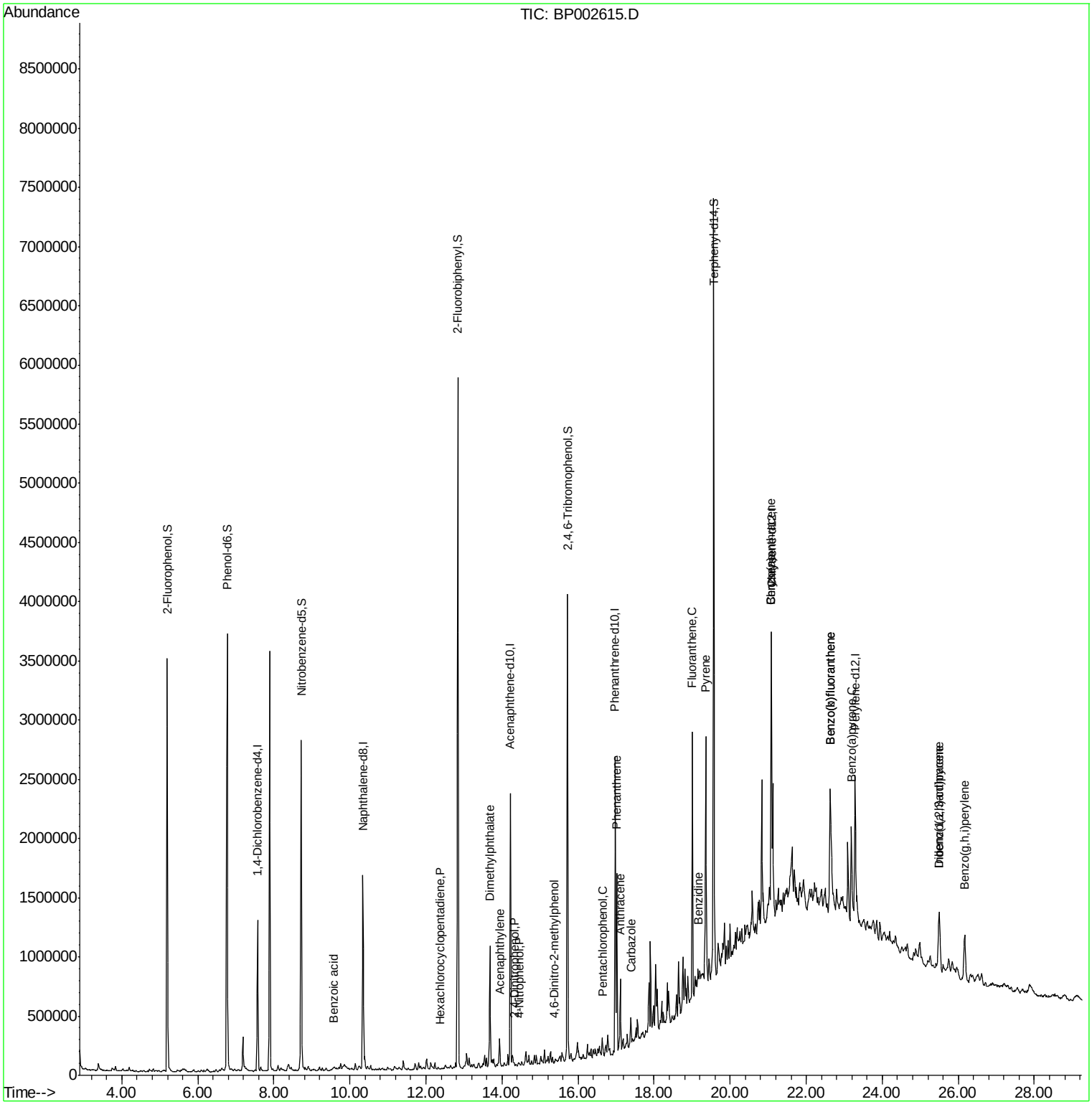
(#) = qualifier out of range (m) = manual integration (+) = signals summed

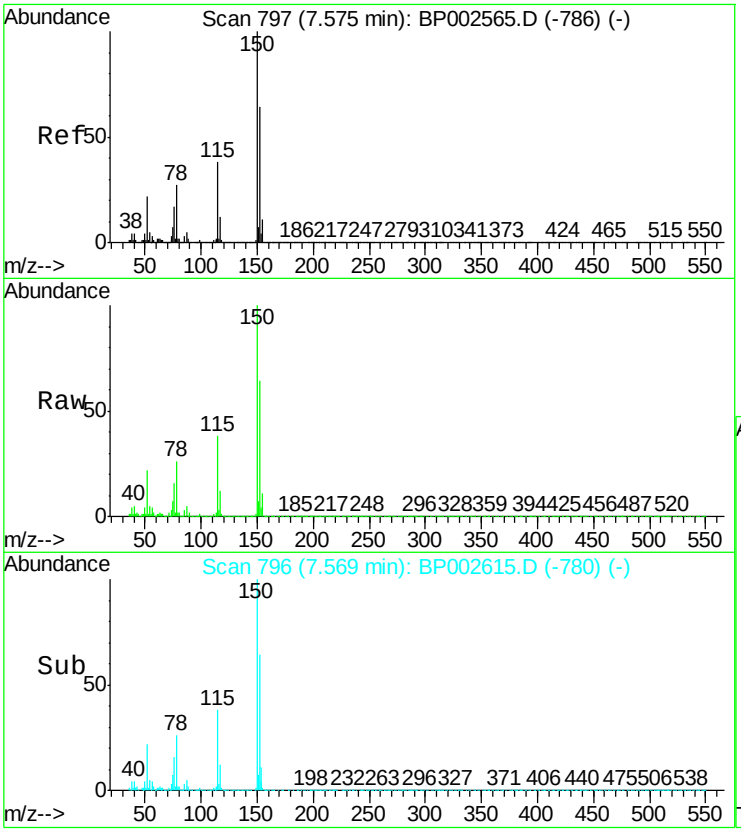
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
Data File : BP002615.D
Acq On : 01 Jul 2020 21:20
Operator : CG/JU
Sample : L3157-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB-D35

Quant Time: Jul 02 00:59:39 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



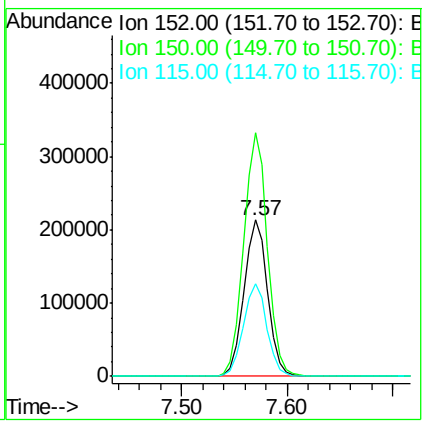


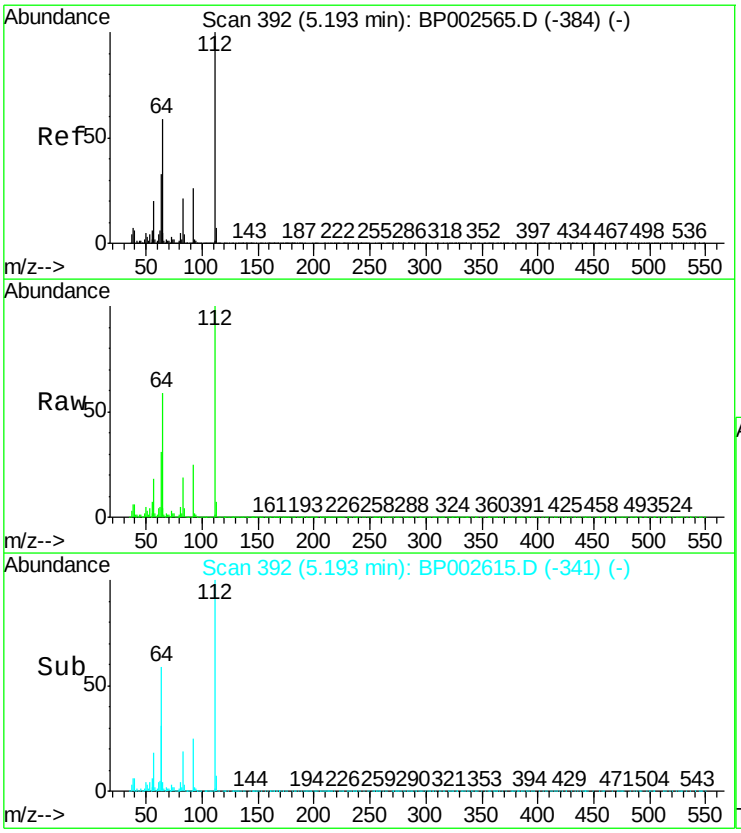
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Instrument :
BNA_P
ClientSampleId :
CB-D35

Tgt Ion:152 Resp: 330802

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.2	186.2
115	59.6	47.1	70.7

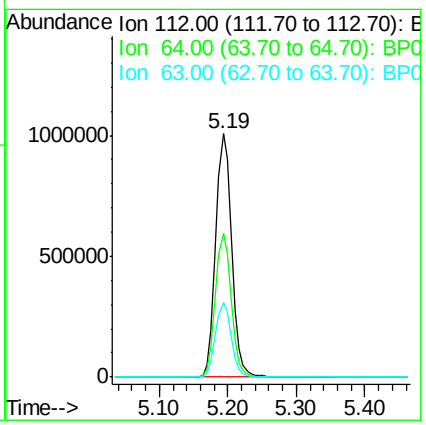


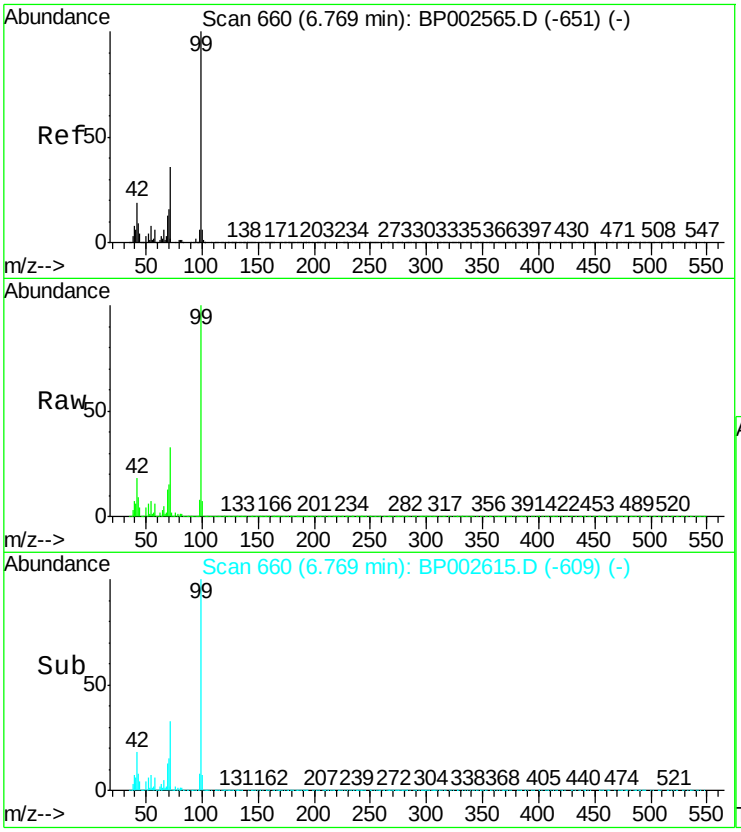


#5
2-Fluorophenol
Concen: 82.590 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.00 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Tgt Ion:112 Resp: 1613659

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.0	70.6
63	30.6	26.1	39.1



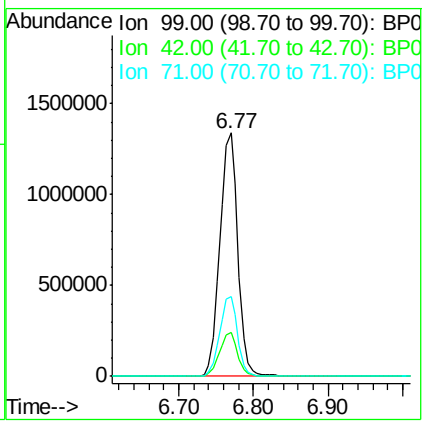


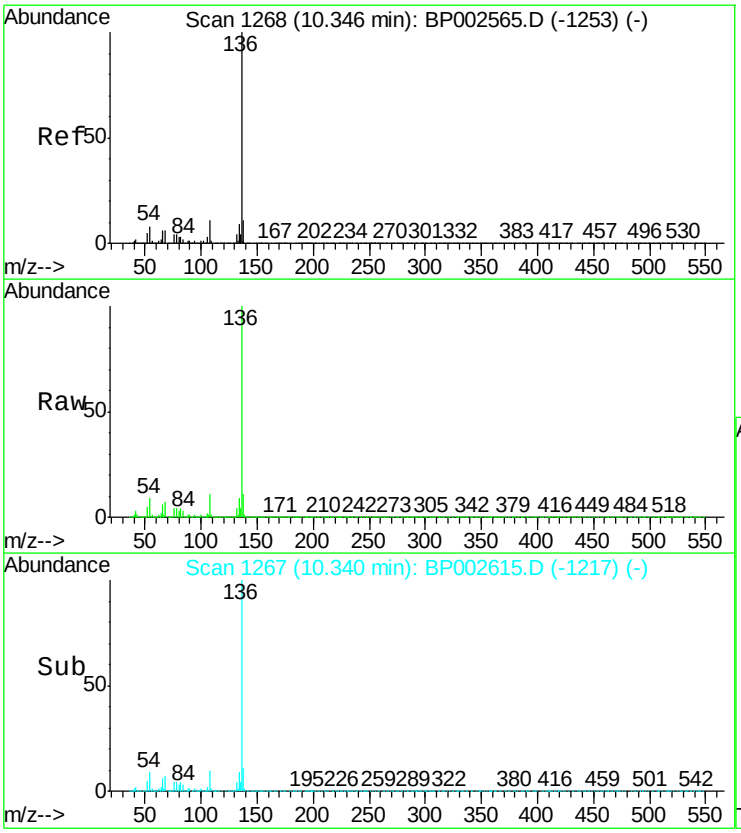
#7
Phenol-d6
Concen: 82.346 ng
RT: 6.77 min Scan# 660
Delta R.T. 0.00 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Instrument :
BNA_P
ClientSampleId :
CB-D35

Tgt Ion: 99 Resp: 2245595

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.5	23.3
71	33.0	28.9	43.3

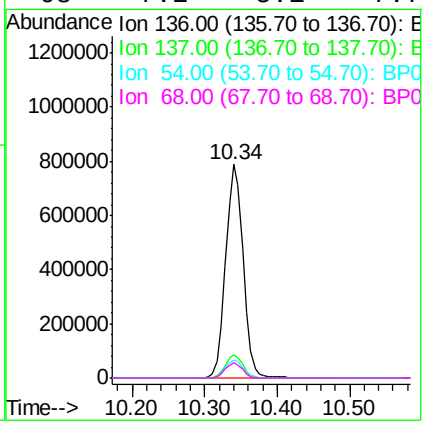


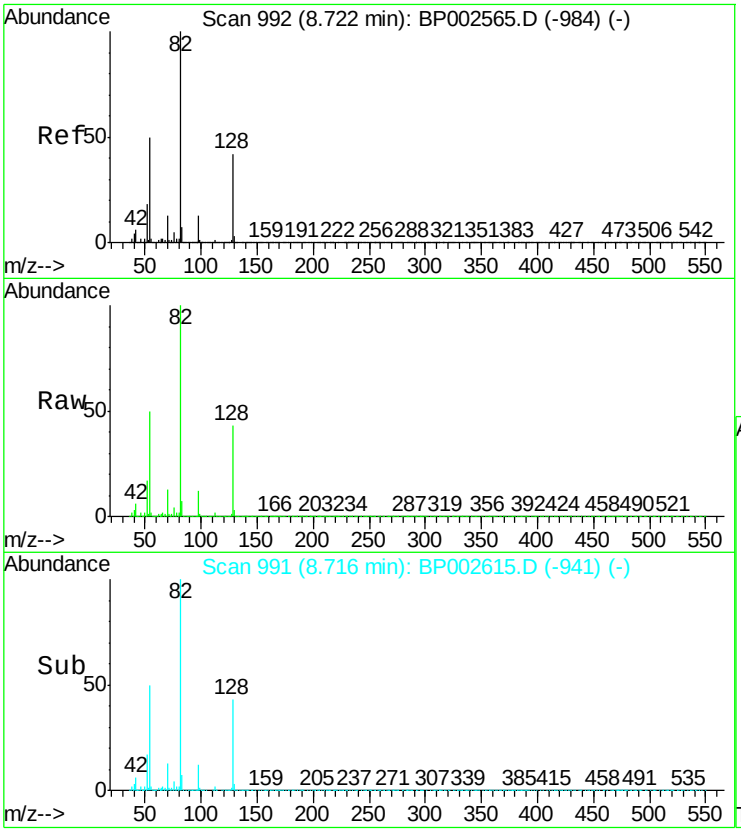


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Tgt Ion:136 Resp: 1324590

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.7	6.4	9.6
68	7.2	5.1	7.7



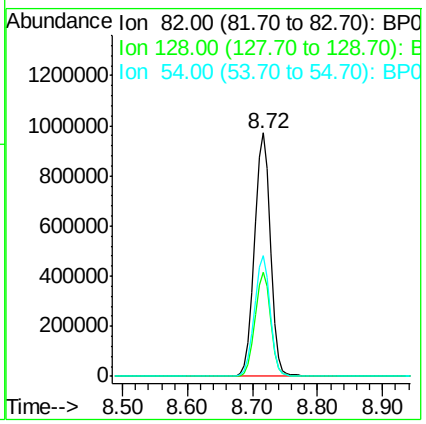


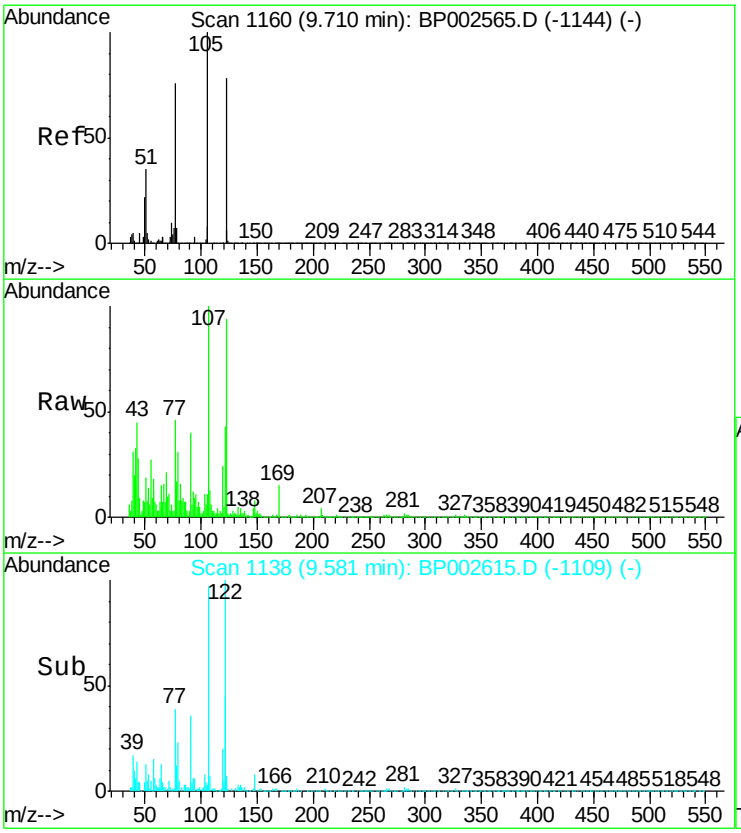
#23
Nitrobenzene-d5
Concen: 64.015 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Instrument :
BNA_P
ClientSampleId :
CB-D35

Tgt Ion: 82 Resp: 1645677

Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.4	50.2
54	49.7	40.1	60.1

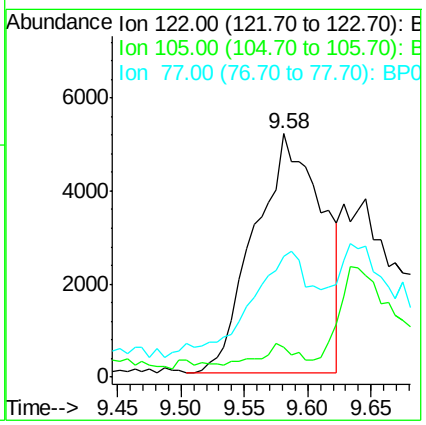


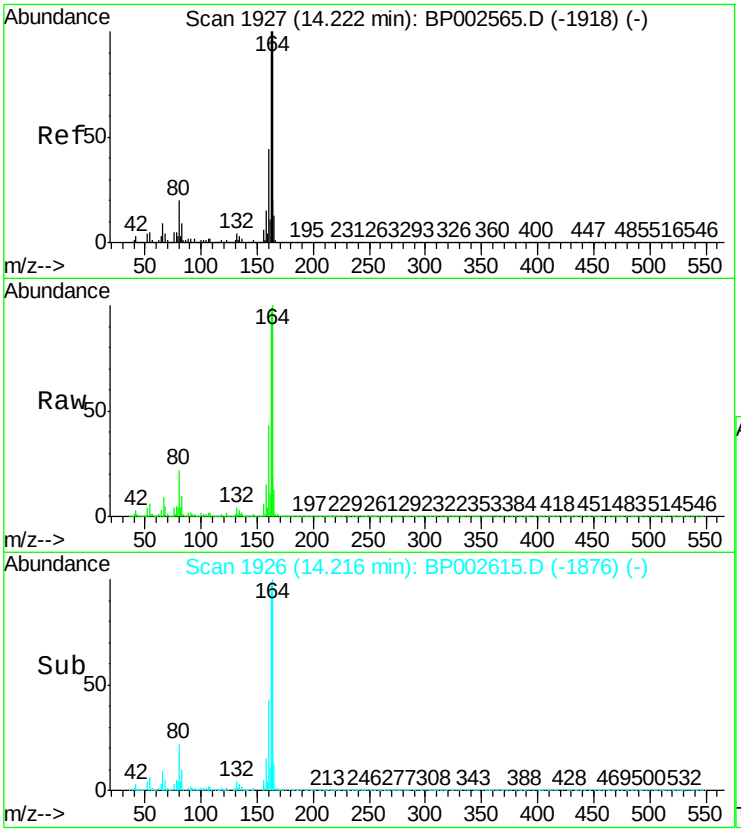


#32
Benzoic acid
Concen: 9.758 ng
RT: 9.58 min Scan# 1138
Delta R.T. -0.13 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Tgt Ion:122 Resp: 19101

Ion	Ratio	Lower	Upper
122	100		
105	12.0	106.6	146.6#
77	49.6	76.5	116.5#



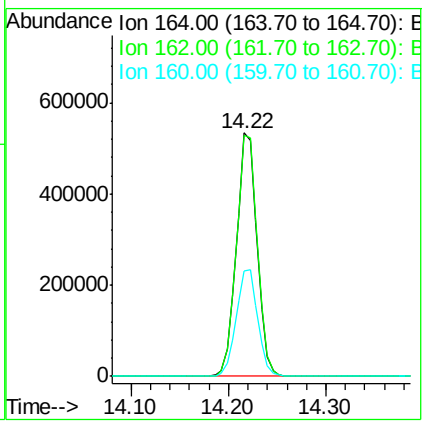


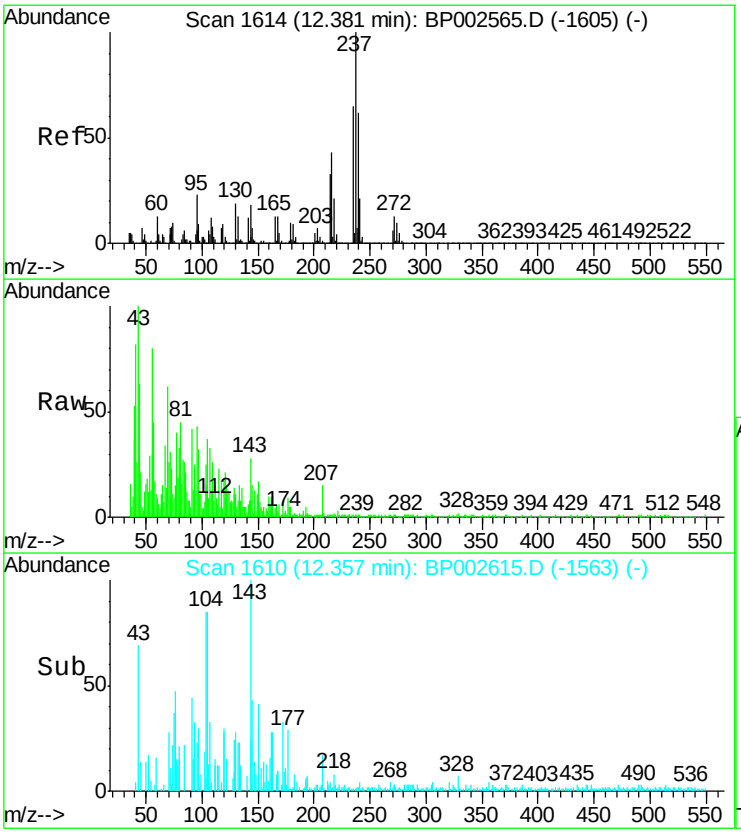
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Instrument :
BNA_P
ClientSampleId :
CB-D35

Tgt Ion:164 Resp: 781835

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.3	120.5
160	43.4	35.0	52.6

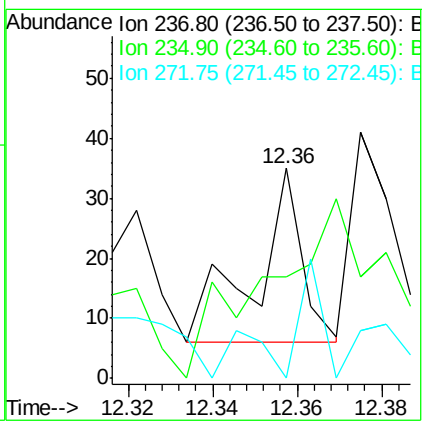


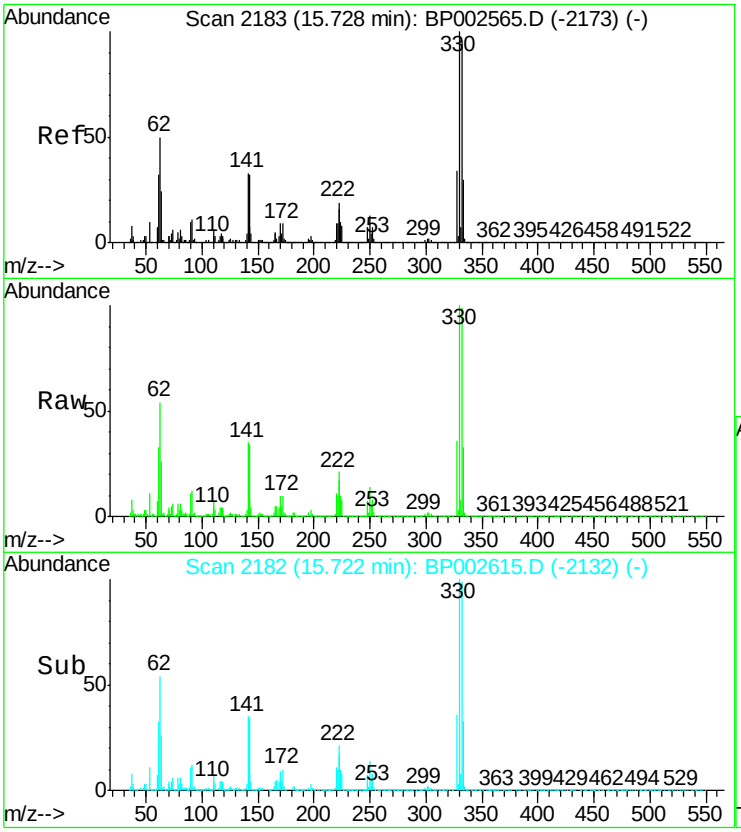


#41
Hexachlorocyclopentadiene
Concen: 4.383 ng
RT: 12.36 min Scan# 1610
Delta R.T. -0.02 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Tgt Ion:237 Resp: 23

Ion	Ratio	Lower	Upper
237	100		
235	48.6	45.4	85.4
272	0.0	0.0	32.6



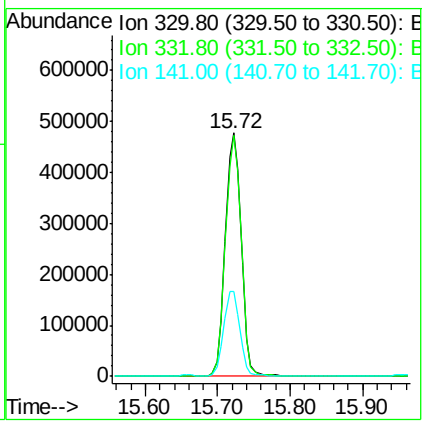


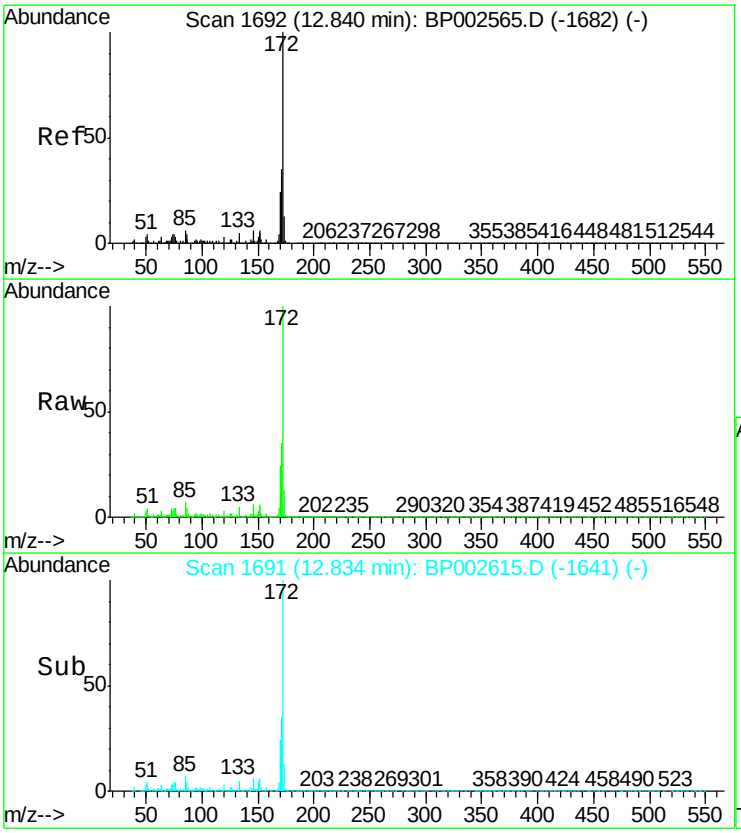
#42
2,4,6-Tribromophenol
Concen: 76.909 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Instrument :
BNA_P
ClientSampleId :
CB-D35

Tgt Ion:330 Resp: 731349

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.7	116.5
141	35.2	29.0	43.6

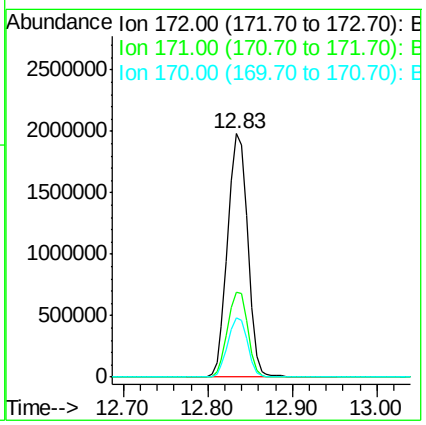


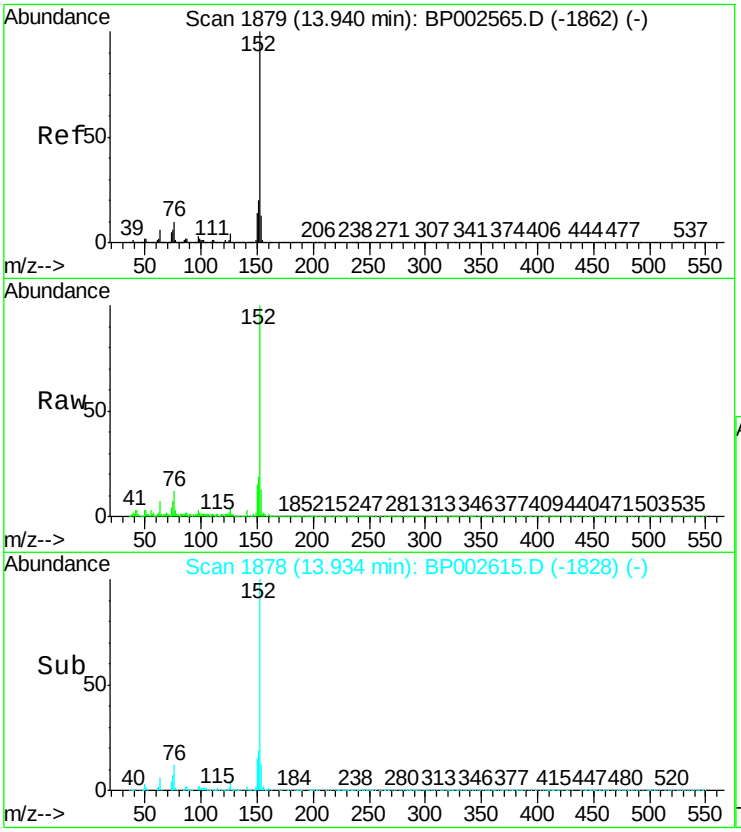


#45
2-Fluorobiphenyl
Concen: 60.825 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Tgt Ion:172 Resp: 3230996

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.0	42.0
170	24.4	19.0	28.4



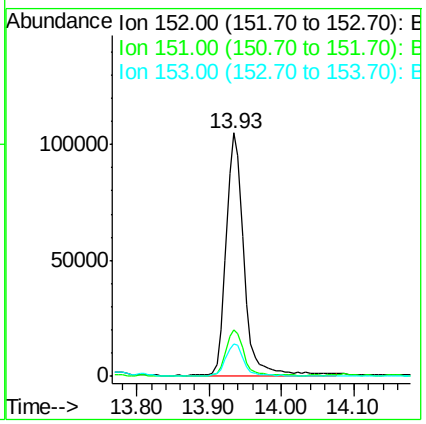


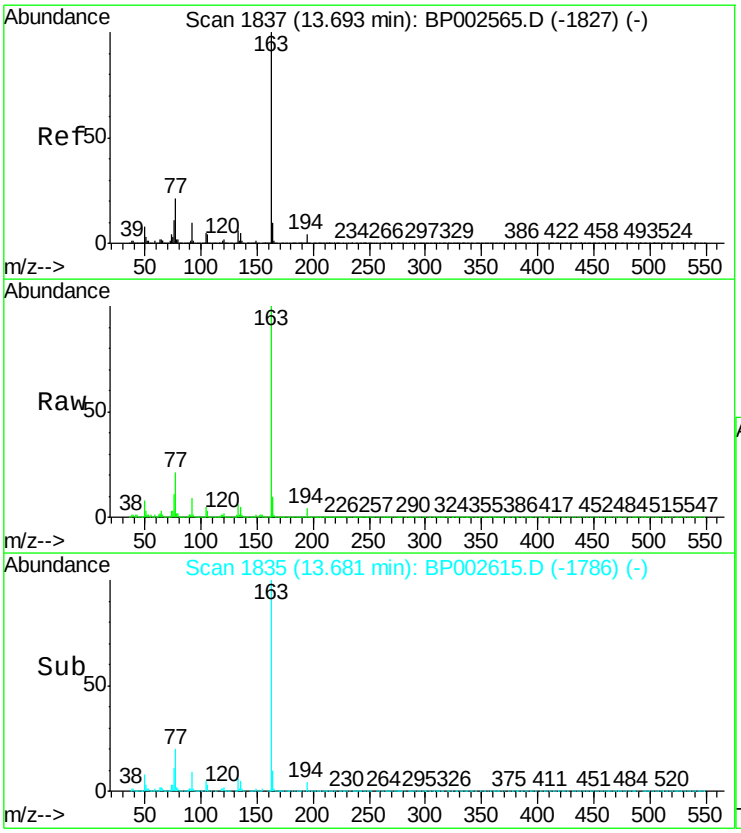
#49
Acenaphthylene
Concen: 2.348 ng
RT: 13.93 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Instrument :
BNA_P
ClientSampleId :
CB-D35

Tgt Ion:152 Resp: 177926

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.7	23.5
153	13.5	10.2	15.2

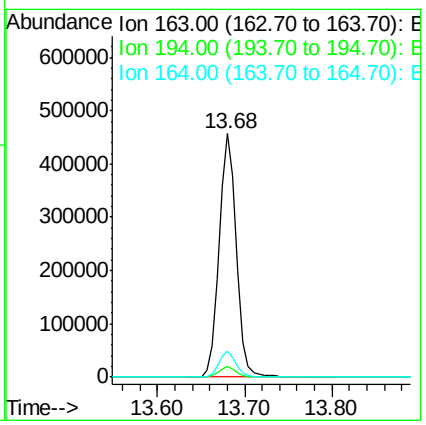


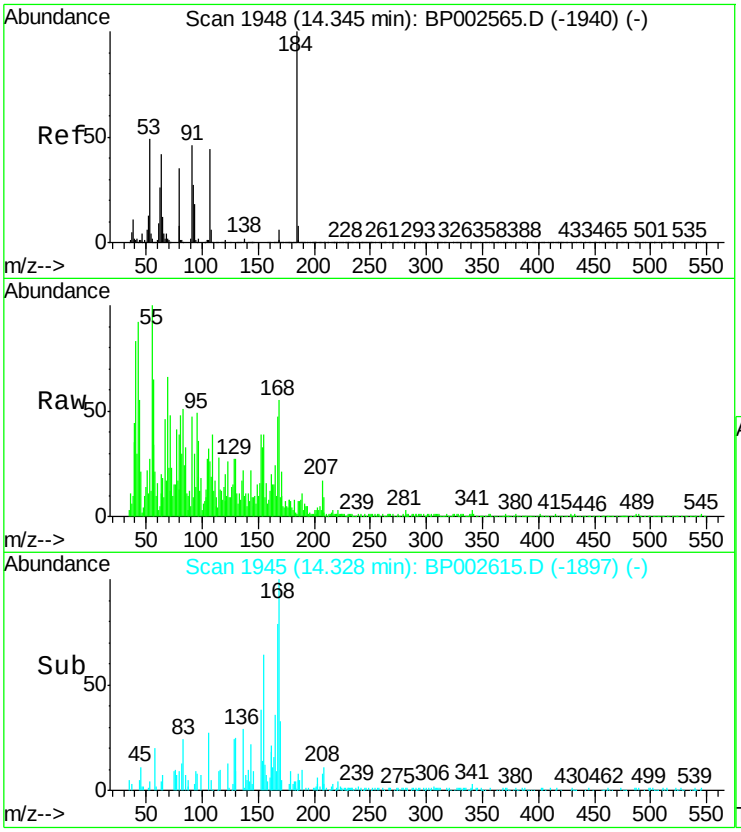


#50
Dimethylphthalate
Concen: 10.105 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Tgt Ion:163 Resp: 620544

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.4	8.2	12.4



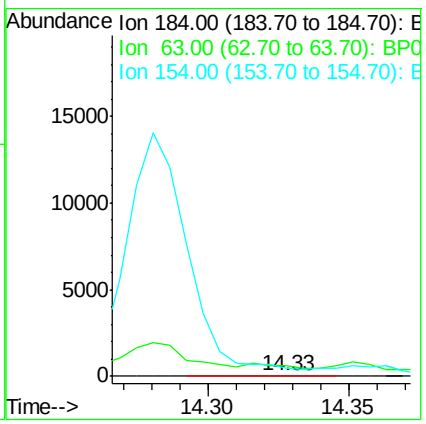


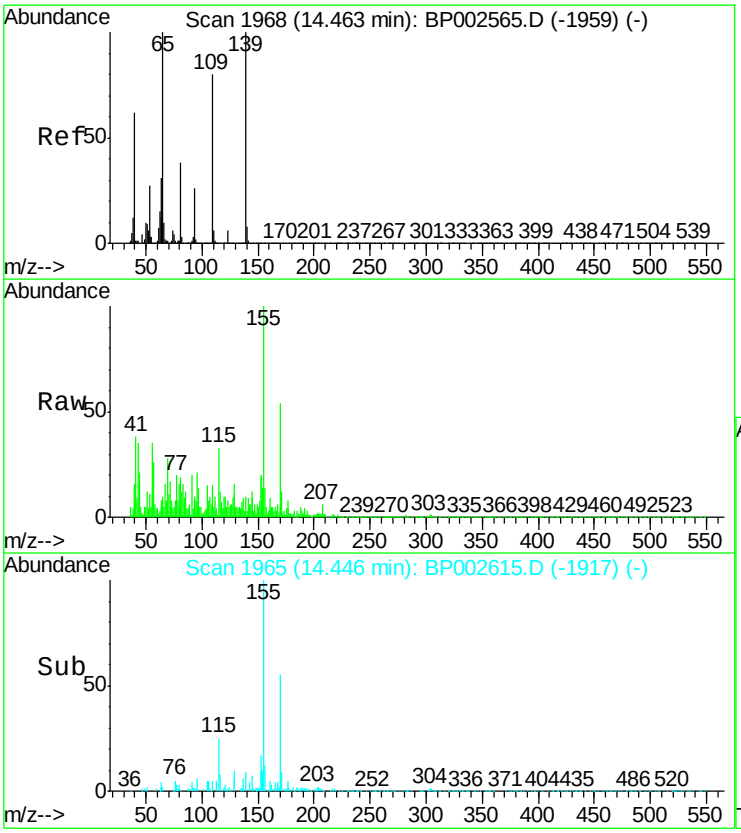
#54
2,4-Dinitrophenol
Concen: 6.016 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.02 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Instrument :
BNA_P
ClientSampleId :
CB-D35

Tgt Ion:184 Resp: 64

Ion	Ratio	Lower	Upper
184	100		
63	1638.9	56.2	84.2#
154	1308.3	50.9	76.3#

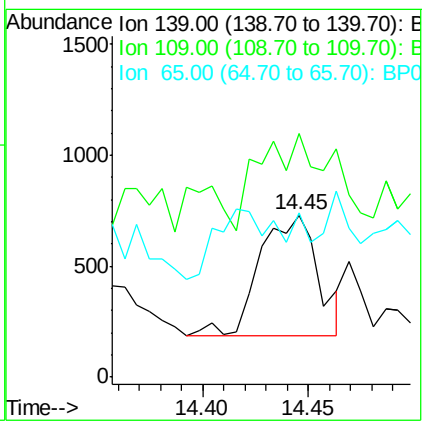


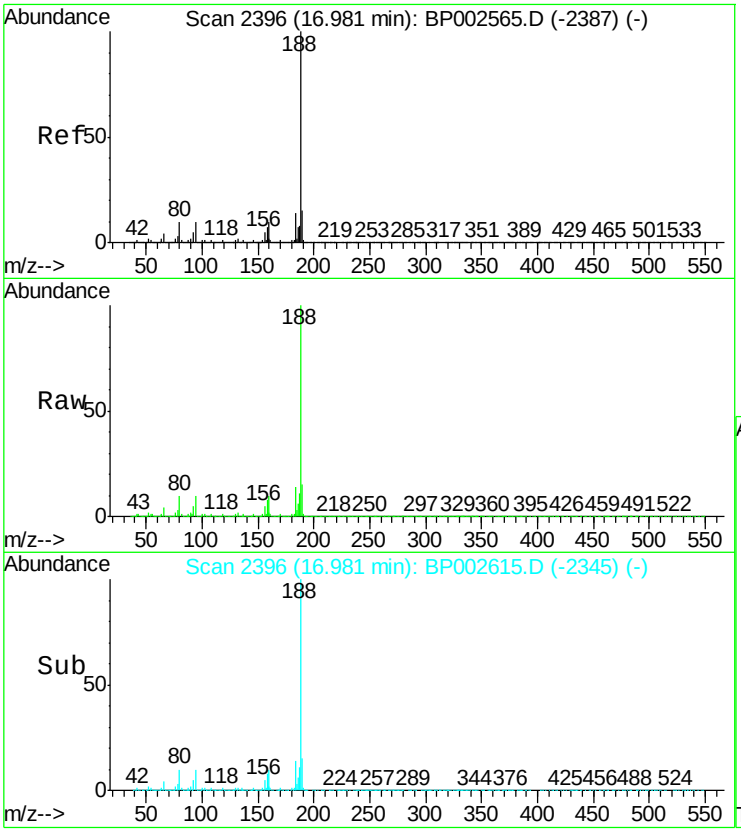


#56
4-Nitrophenol
Concen: 2.526 ng
RT: 14.45 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Tgt Ion:139 Resp: 1053

Ion	Ratio	Lower	Upper
139	100		
109	150.4	60.1	100.1#
65	101.8	80.3	120.3



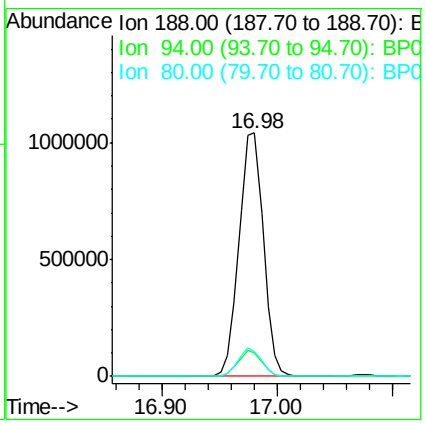


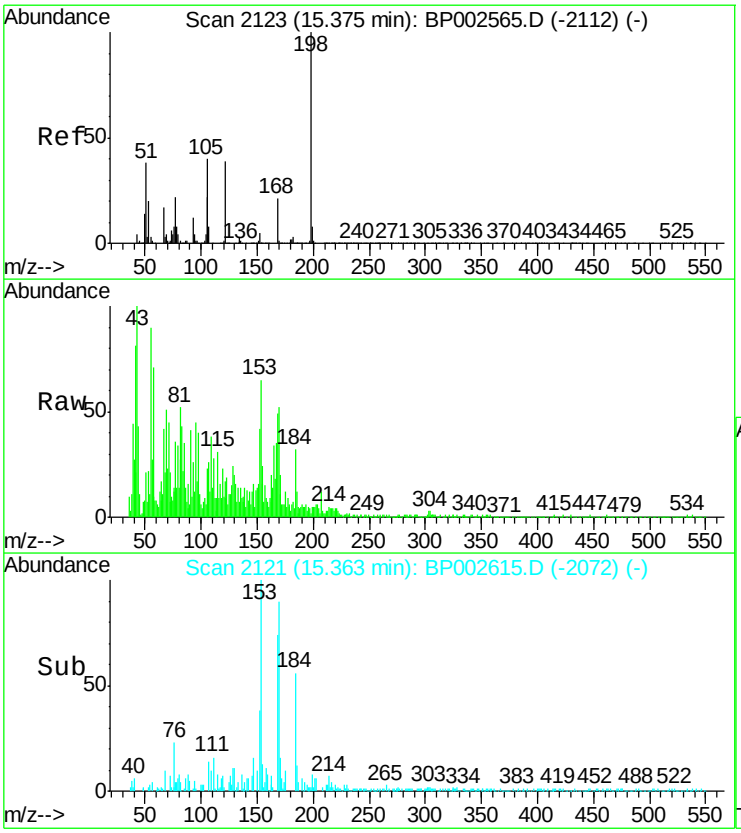
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Instrument :
BNA_P
ClientSampleId :
CB-D35

Tgt Ion:188 Resp: 1528839

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.8	11.6
80	10.4	8.2	12.4

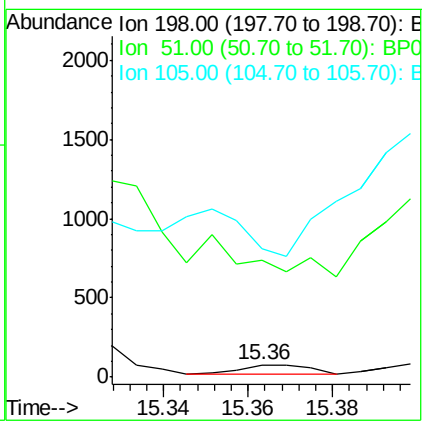


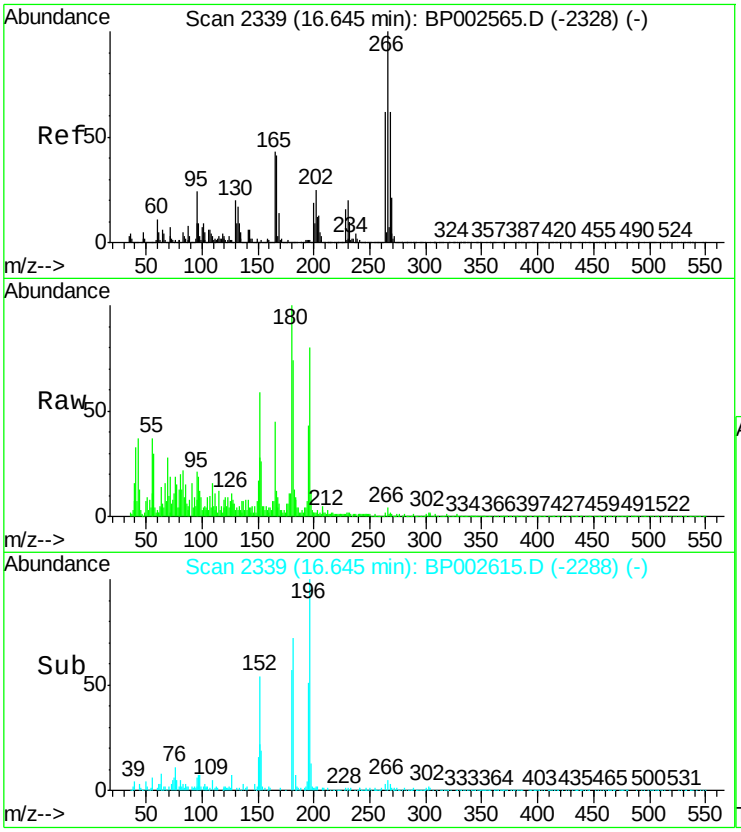


#65
4,6-Dinitro-2-methylphenol
Concen: 2.717 ng
RT: 15.36 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Tgt Ion:198 Resp: 76

Ion	Ratio	Lower	Upper
198	100		
51	932.9	24.2	64.2#
105	1022.8	20.7	60.7#



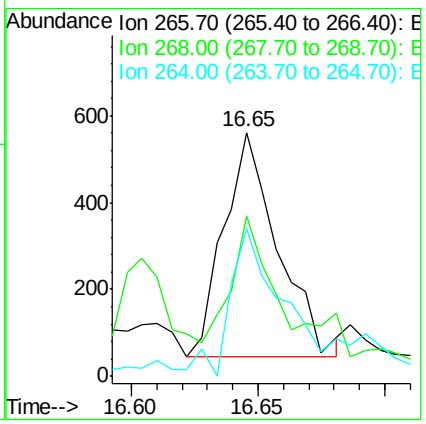


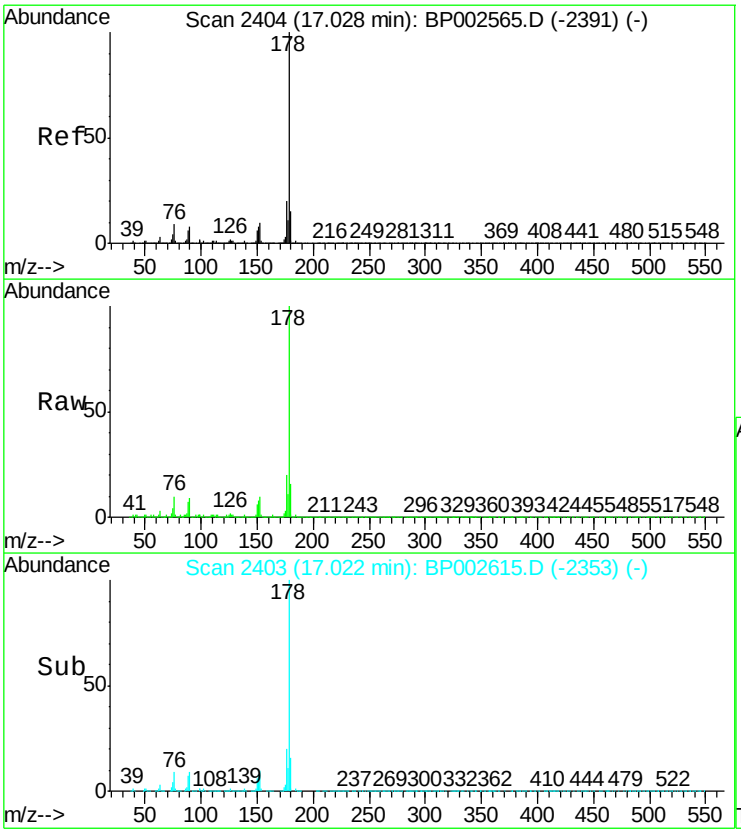
#70
Pentachlorophenol
Concen: 2.732 ng
RT: 16.65 min Scan# 2339
Delta R.T. 0.00 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Instrument :
BNA_P
ClientSampleId :
CB-D35

Tgt Ion:266 Resp: 768

Ion	Ratio	Lower	Upper
266	100		
268	65.8	49.7	74.5
264	60.8	49.3	73.9

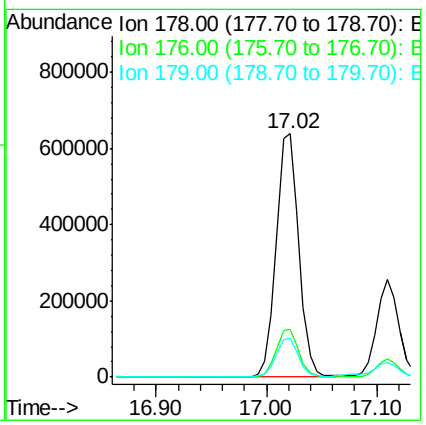


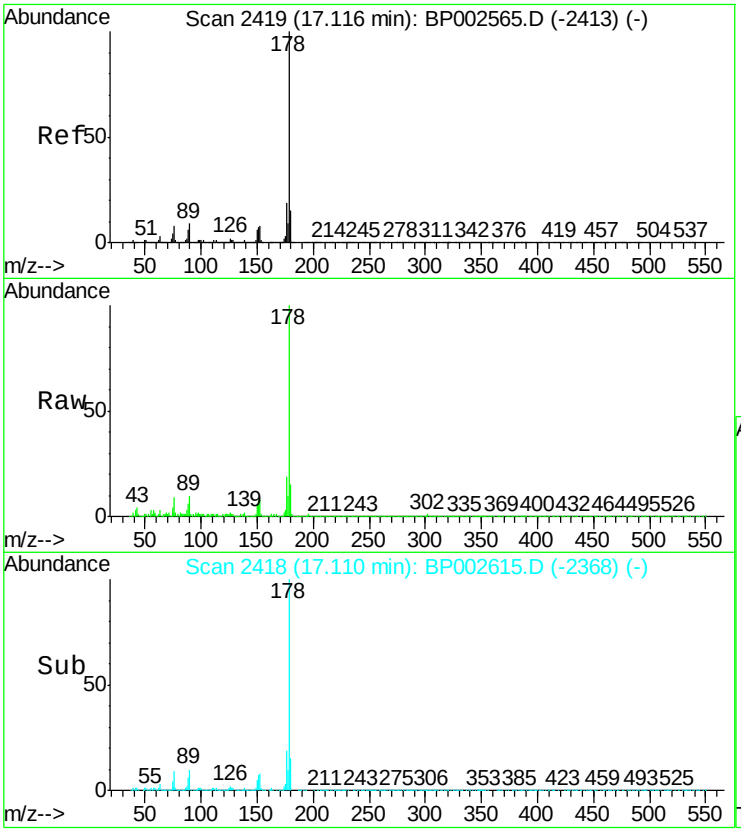


#71
Phenanthrene
Concen: 11.028 ng
RT: 17.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Tgt Ion:178 Resp: 907116

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.8	12.1	18.1



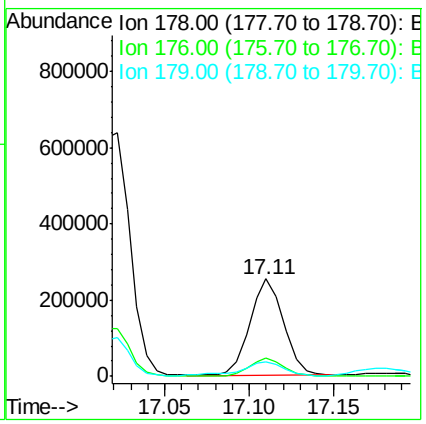


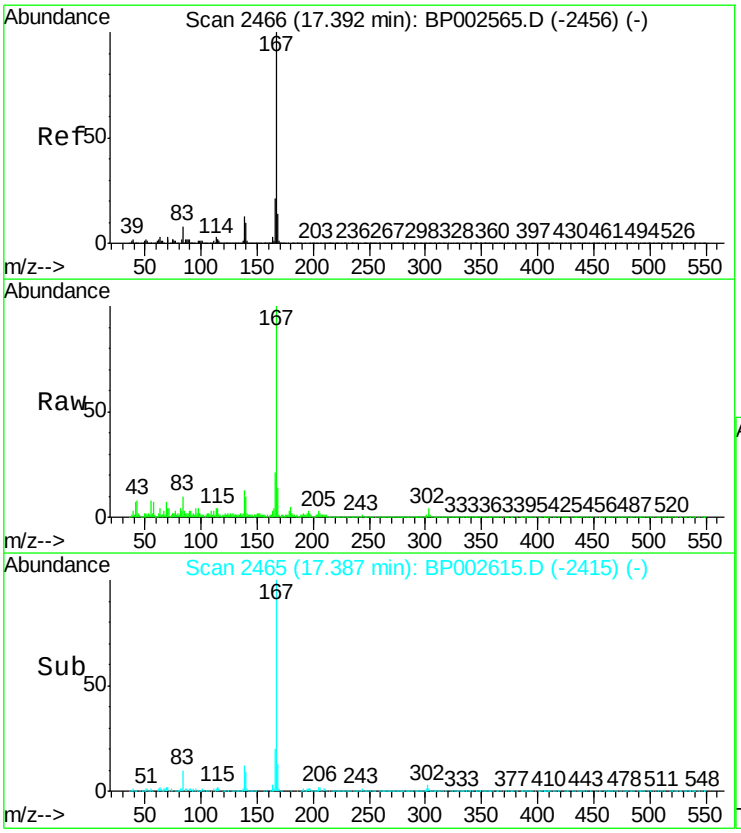
#72
Anthracene
Concen: 4.292 ng
RT: 17.11 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Instrument :
BNA_P
ClientSampleId :
CB-D35

Tgt Ion:178 Resp: 351347

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.2	18.2

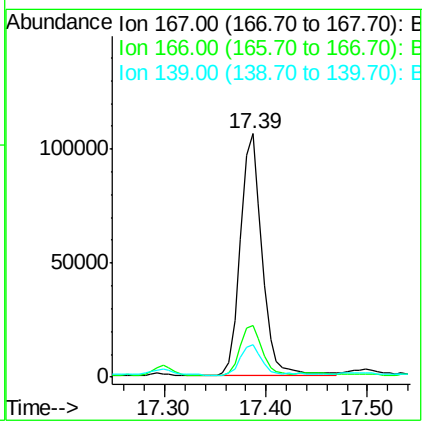


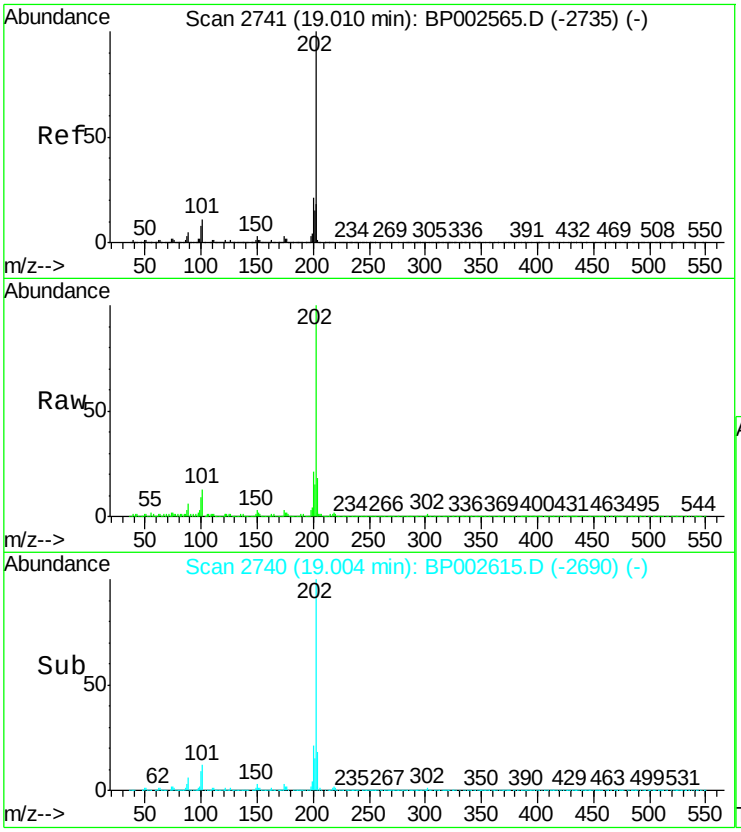


#73
Carbazole
Concen: 2.017 ng
RT: 17.39 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Tgt Ion:167 Resp: 159534

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	13.2	10.5	15.7



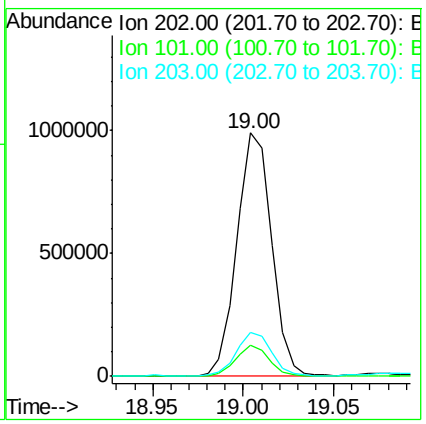


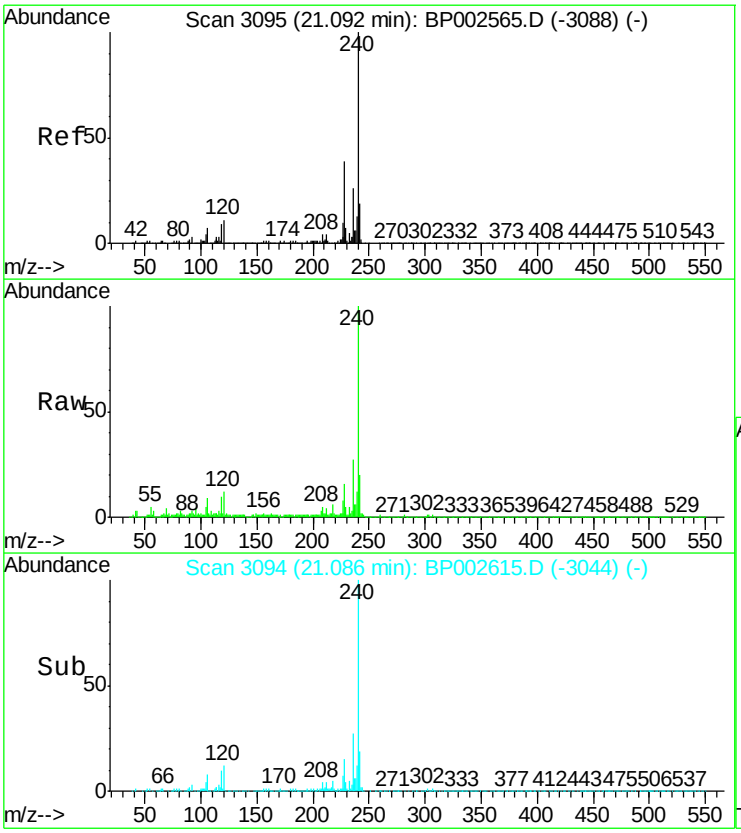
#75
Fluoranthene
Concen: 13.208 ng
RT: 19.00 min Scan# 2740
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Instrument :
BNA_P
ClientSampleId :
CB-D35

Tgt Ion:202 Resp: 1315111

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.6
203	18.1	0.0	37.7

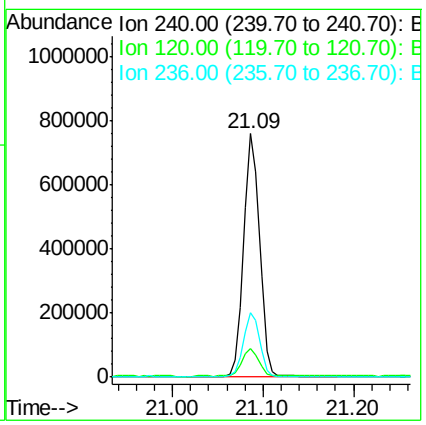


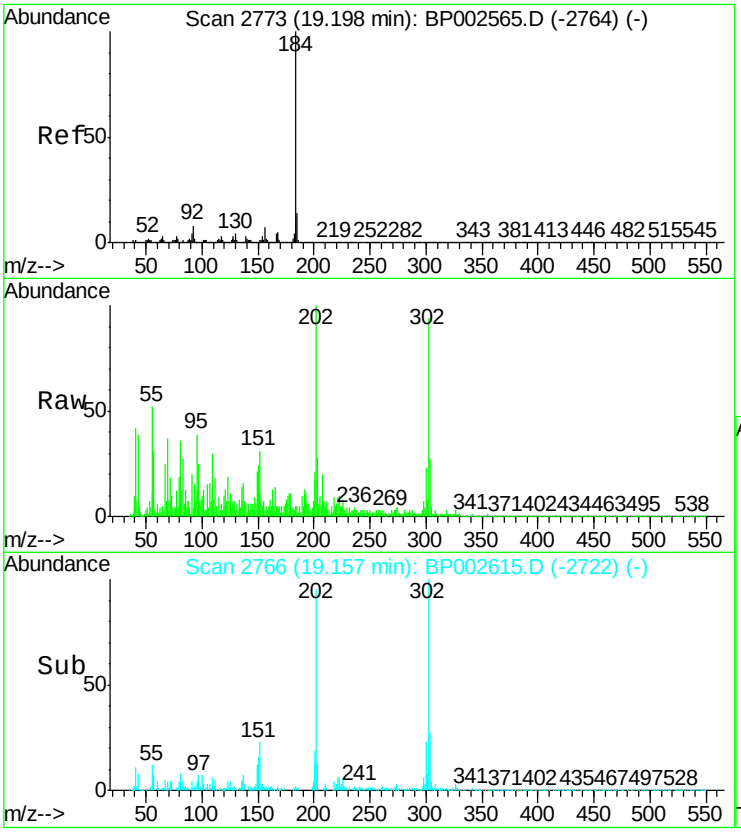


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Tgt Ion:240 Resp: 926199

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.6	13.0
236	26.7	20.8	31.2



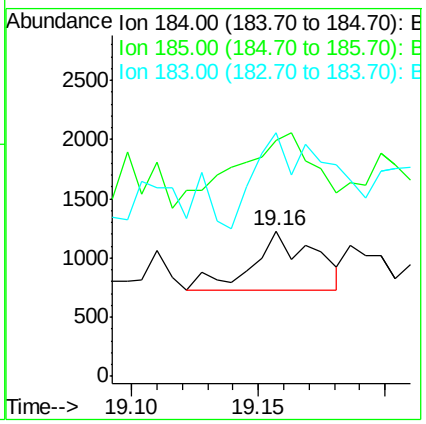


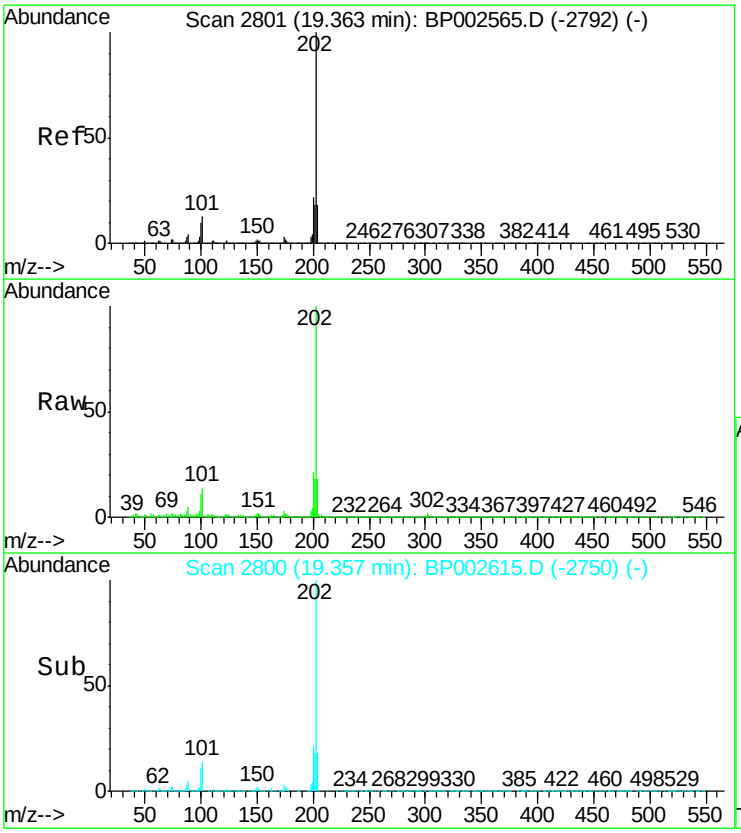
#77
Benzidine
Concen: 3.776 ng
RT: 19.16 min Scan# 2766
Delta R.T. -0.04 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Instrument :
BNA_P
ClientSampleId :
CB-D35

Tgt Ion:184 Resp: 852

Ion	Ratio	Lower	Upper
184	100		
185	162.3	11.4	17.2#
183	167.4	9.2	13.8#

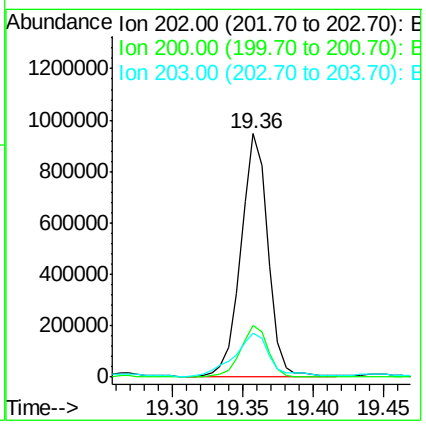


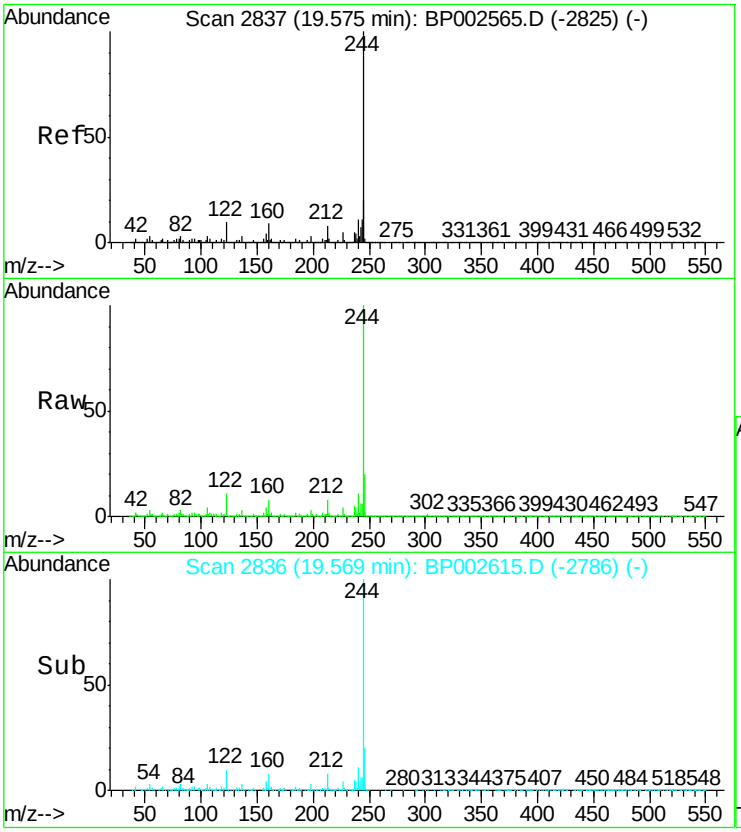


#78
Pyrene
Concen: 20.021 ng
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Tgt Ion:202 Resp: 1262197

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	18.0	14.4	21.6



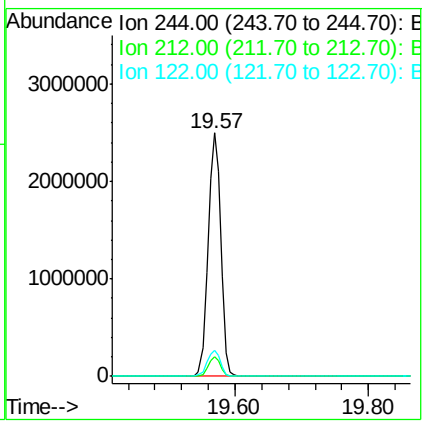


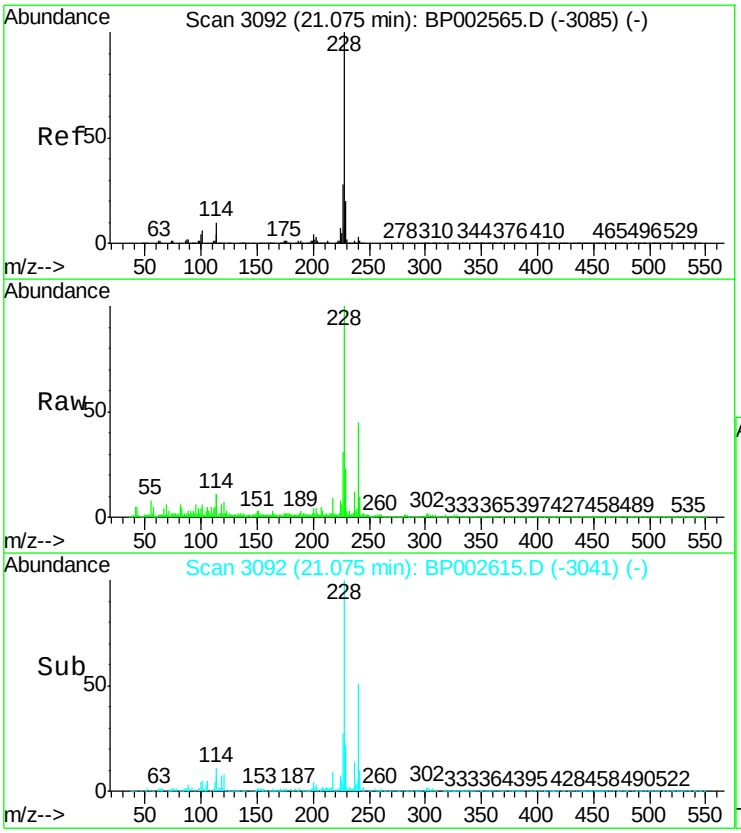
#79
Terphenyl-d14
Concen: 77.311 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Instrument :
BNA_P
ClientSampleId :
CB-D35

Tgt Ion:244 Resp: 3317398

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	10.5	7.9	11.9

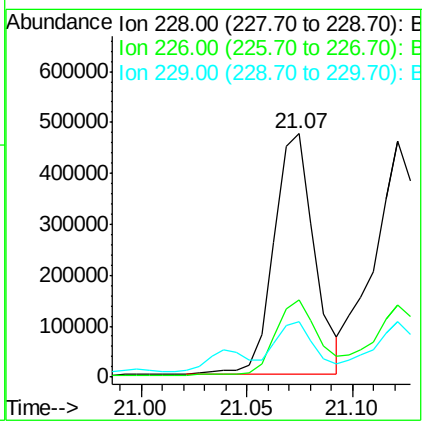


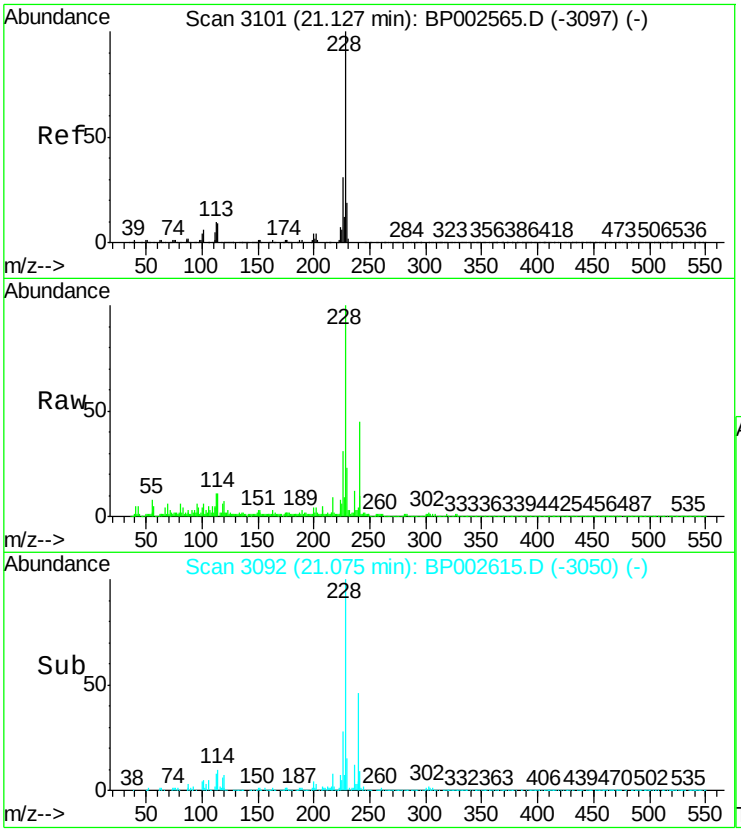


#81
Benzo(a)anthracene
Concen: 10.381 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Tgt Ion:228 Resp: 628568

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.5	33.7
229	22.8	16.4	24.6



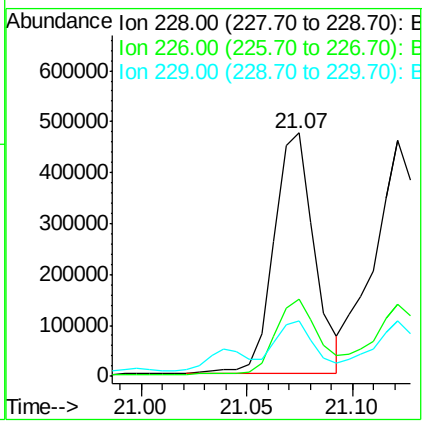


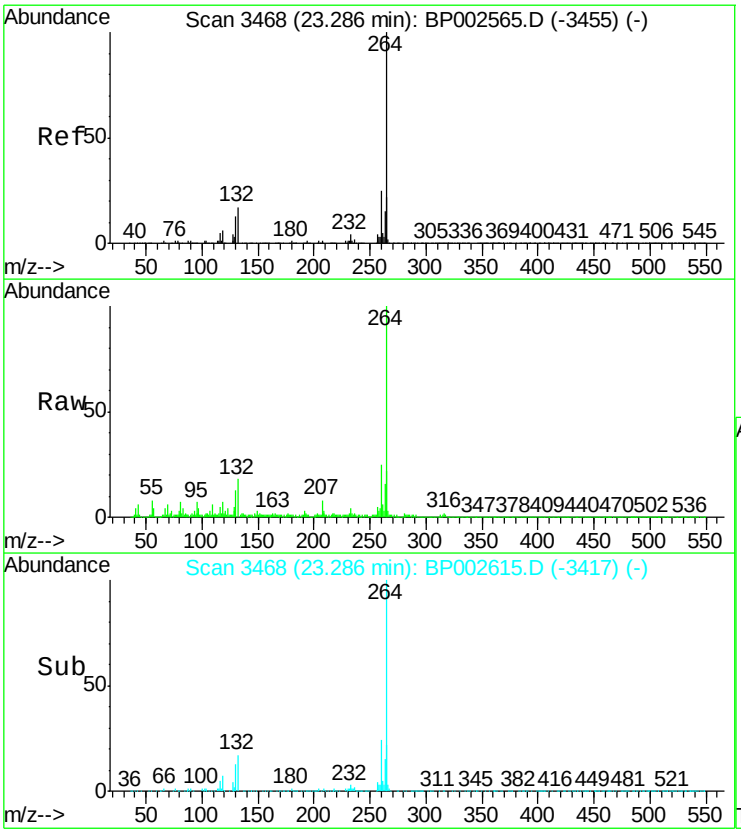
#83
Chrysene
Concen: 10.825 ng
RT: 21.07 min Scan# 3092
Delta R.T. -0.05 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Instrument :
BNA_P
ClientSampleId :
CB-D35

Tgt Ion:228 Resp: 628568

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.6	37.0
229	22.8	15.6	23.4

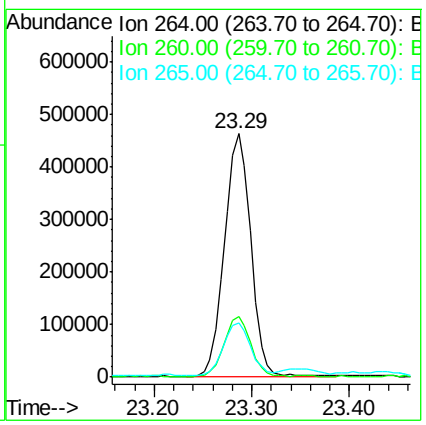


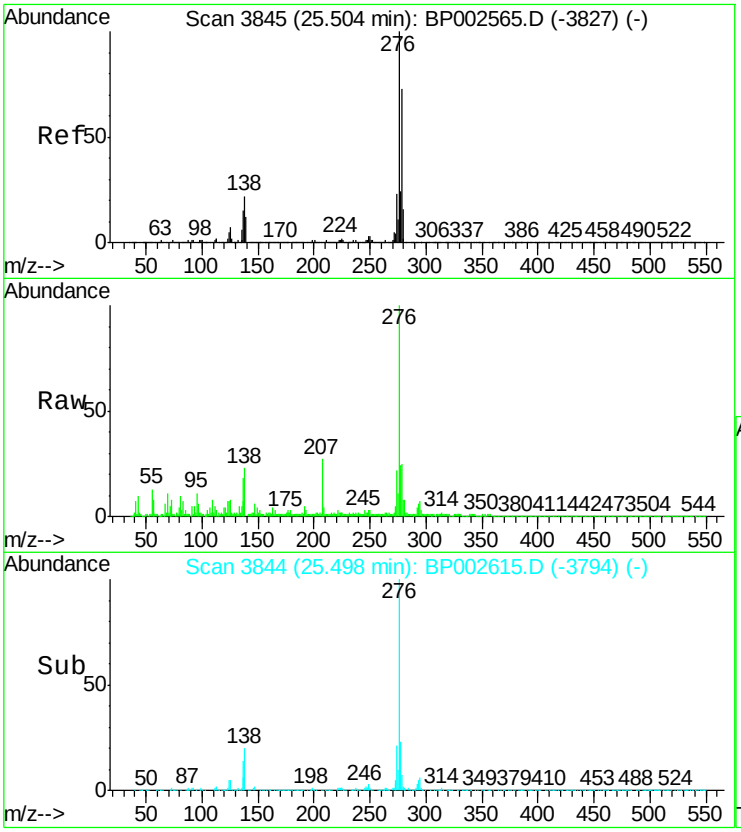


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. 0.00 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Tgt Ion:264 Resp: 859593

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	22.2	17.6	26.4



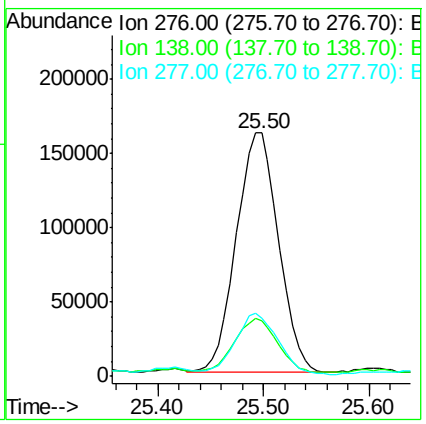


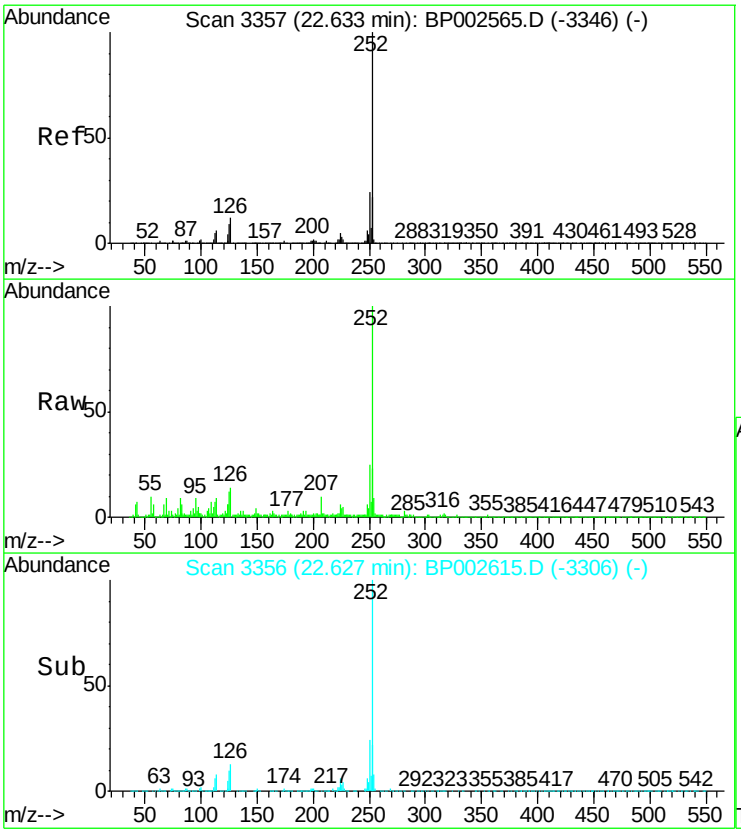
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.198 ng
RT: 25.50 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Instrument :
BNA_P
ClientSampleId :
CB-D35

Tgt Ion:276 Resp: 445518

Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.6	27.8
277	25.6	20.1	30.1

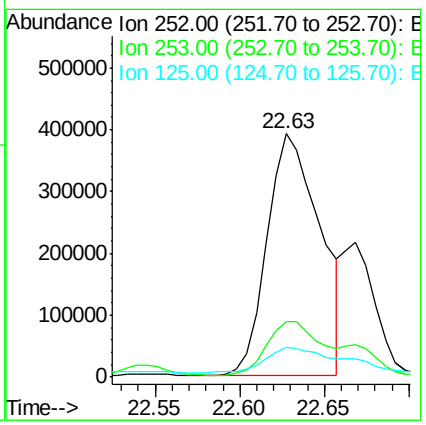


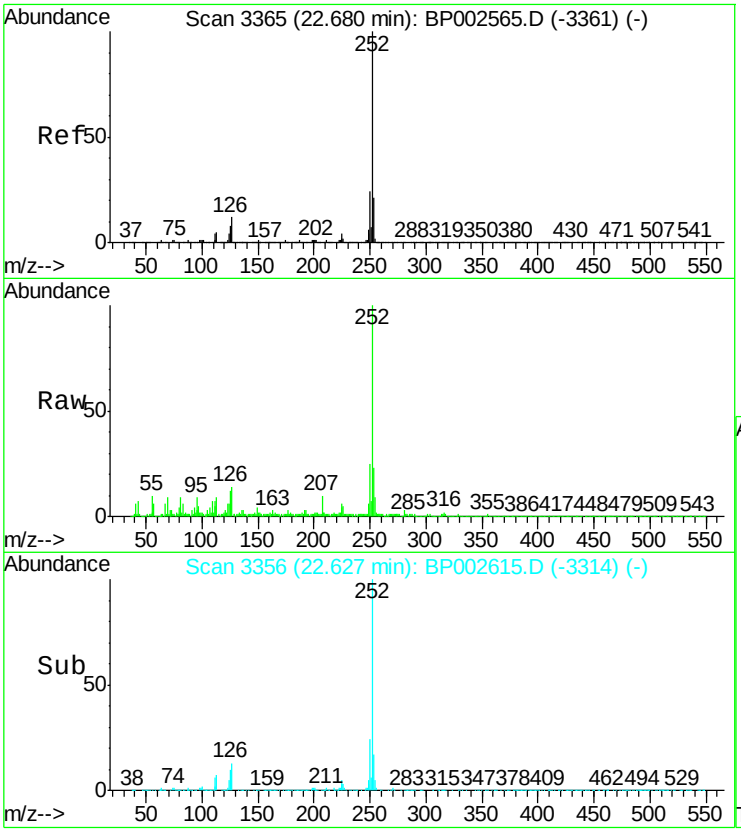


#88
Benzo(b)fluoranthene
Concen: 15.558 ng
RT: 22.63 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Tgt Ion:252 Resp: 853376

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	12.1	7.4	11.2#



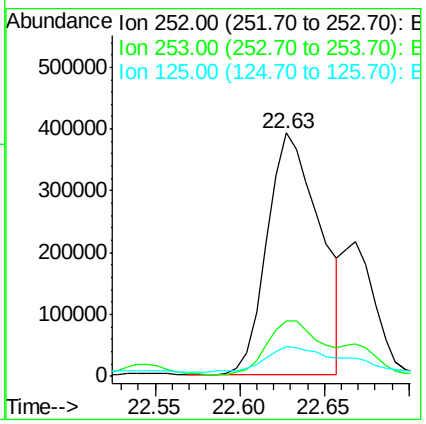


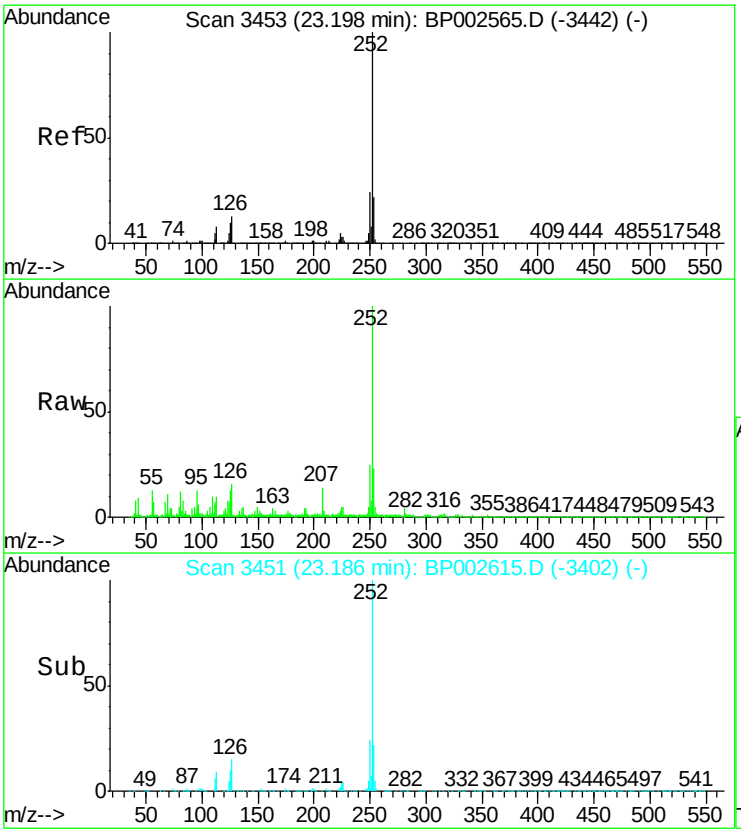
#89
Benzo(k)fluoranthene
Concen: 16.677 ng
RT: 22.63 min Scan# 3356
Delta R.T. -0.05 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Instrument :
BNA_P
ClientSampleId :
CB-D35

Tgt Ion:252 Resp: 853376

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	12.1	6.9	10.3#

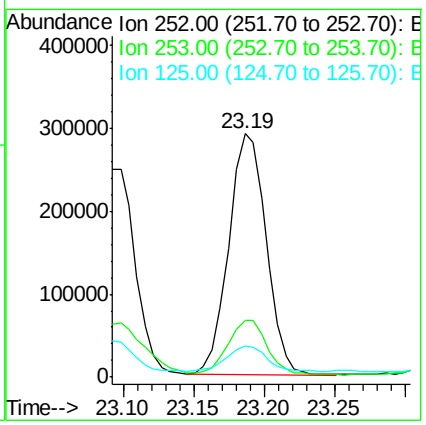


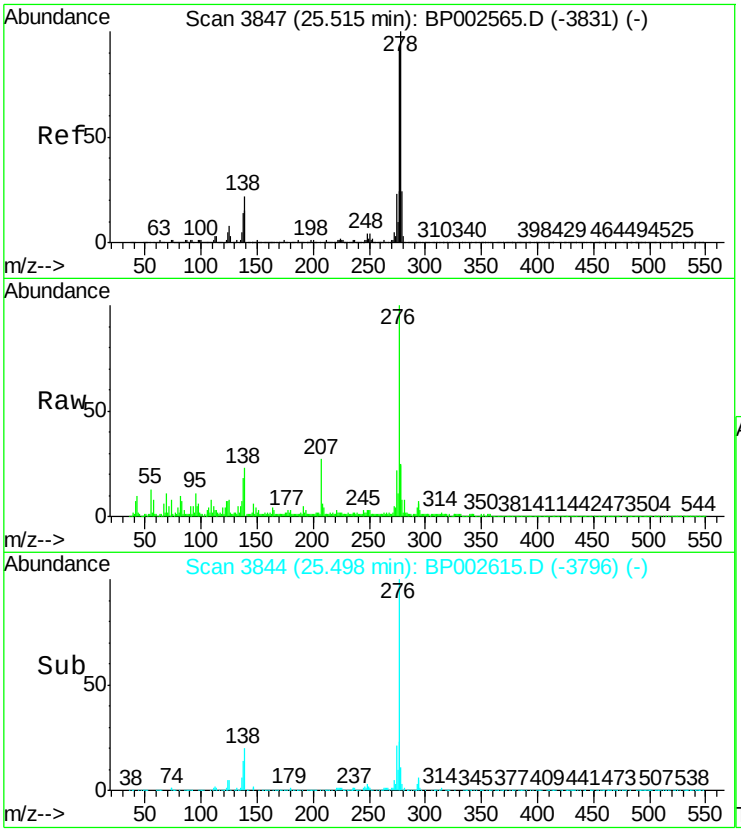


#90
Benzo(a)pyrene
Concen: 10.721 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Tgt Ion:252 Resp: 539653

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	12.6	7.8	11.8#



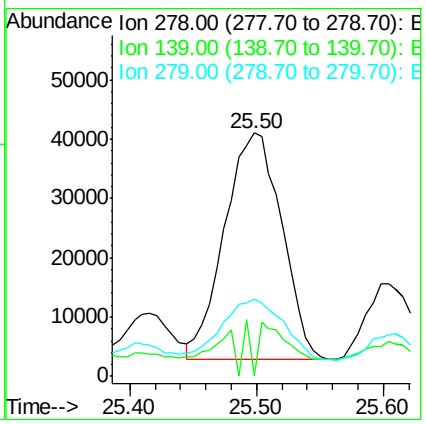


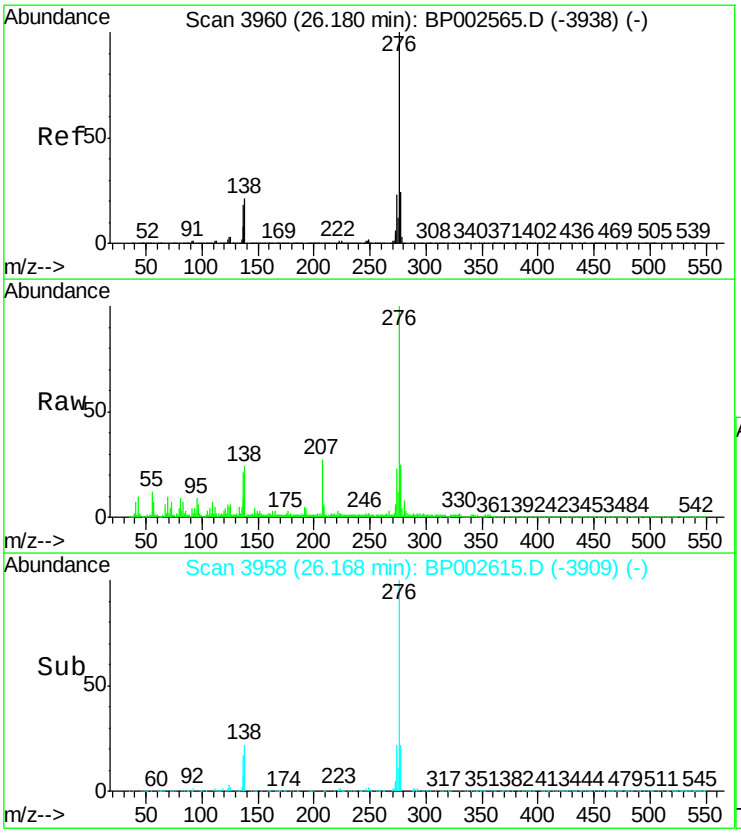
#91
Dibenzo(a,h)anthracene
Concen: 2.366 ng
RT: 25.50 min Scan# 3844
Delta R.T. -0.02 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Instrument :
BNA_P
ClientSampleId :
CB-D35

Tgt Ion:278 Resp: 119654

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.2#
279	31.6	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 9.109 ng
RT: 26.17 min Scan# 3958
Delta R.T. -0.01 min
Lab File: BP002615.D
Acq: 01 Jul 2020 21:20

Tgt Ion:276 Resp: 460723

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.3	28.9
138	24.1	16.9	25.3