Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
Data File : BP002614.D
Acq On : 01 Jul 2020 20:46
Operator : CG/JU
Sample : L3157-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-D19

Quant Time: Jul 02 00:57:04 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	313357	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	1256894	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	746848	20.00	ng		0.00
64) Phenanthrene-d10	16.98	188	1520272	20.00	ng		0.00
76) Chrysene-d12	21.09	240	858263	20.00	ng		0.00
86) Perylene-d12	23.29	264	881611	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1585097	85.65	ng		0.00
7) Phenol-d6	6.77	99	2176008	84.24	ng		0.00
23) Nitrobenzene-d5	8.72	82	1514135	62.07	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	725351	79.85	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	3025098	59.62	ng		0.00
79) Terphenyl-d14	19.57	244	3156764	79.39	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.72	77	2689	Below Cal			97
31) Naphthalene	10.39	128	144132	2.166	ng		100
32) Benzoic acid	9.67	122	44	8.702	ng	#	28
41) Hexachlorocyclopentadiene	12.12	237	20	4.383	ng		84
49) Acenaphthylene	13.93	152	227532	3.144	ng		97
50) Dimethylphthalate	13.68	163	615843	10.499	ng		99
52) Acenaphthene	14.28	154	109994	2.576	ng		99
54) 2,4-Dinitrophenol	14.32	184	19	6.011	ng	#	1
56) 4-Nitrophenol	14.45	139	1573	2.576	ng	#	44
58) Fluorene	15.27	166	160972	3.054	ng		98
65) 4,6-Dinitro-2-methylphenol	15.36	198	29	2.712	ng	#	1
70) Pentachlorophenol	16.82	266	11	2.663	ng		95
71) Phenanthrene	17.02	178	3642759	44.534	ng		99
72) Anthracene	17.11	178	1176055	14.448	ng		98
75) Fluoranthene	19.02	202	5422719	54.769	ng		98
77) Benzidine	19.22	184	81	3.758	ng	#	1
78) Pyrene	19.37	202	5197441	88.968	ng		97
81) Benzo(a)anthracene	21.07	228	2988572	53.262	ng		96
83) Chrysene	21.13	228	2584096	48.027	ng		95
87) Indeno(1,2,3-cd)pyrene	25.50	276	1855882	29.237	ng		99
88) Benzo(b)fluoranthene	22.64	252	4517997	80.313	ng		98
89) Benzo(k)fluoranthene	22.64	252	4517997	86.090	ng	#	96
90) Benzo(a)pyrene	23.20	252	2704688	52.393	ng		97
91) Dibenzo(a,h)anthracene	25.75	278	432029	8.329	ng		95
92) Benzo(g,h,i)perylene	26.17	276	1818942	35.064	ng		97

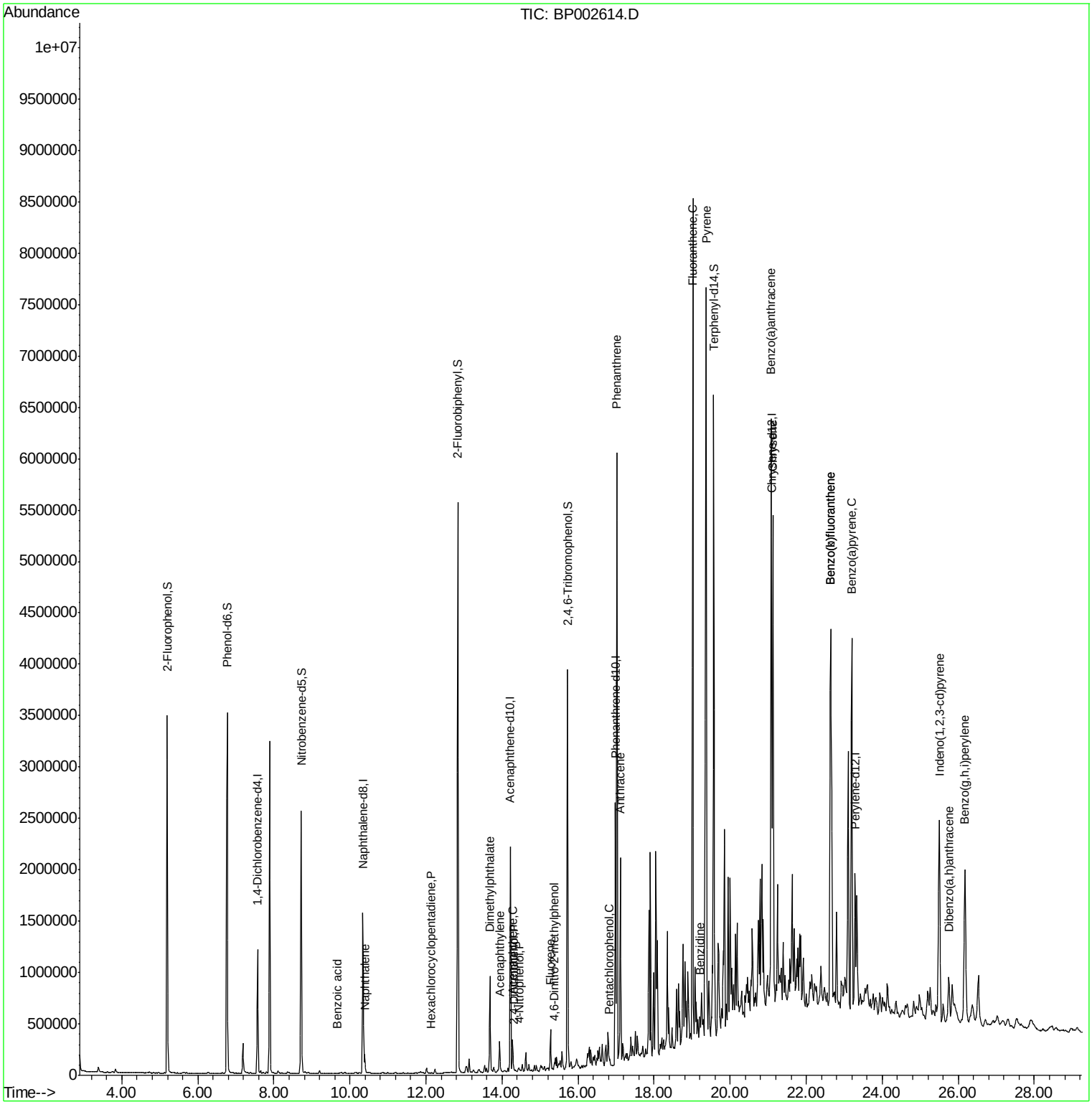
(#) = qualifier out of range (m) = manual integration (+) = signals summed

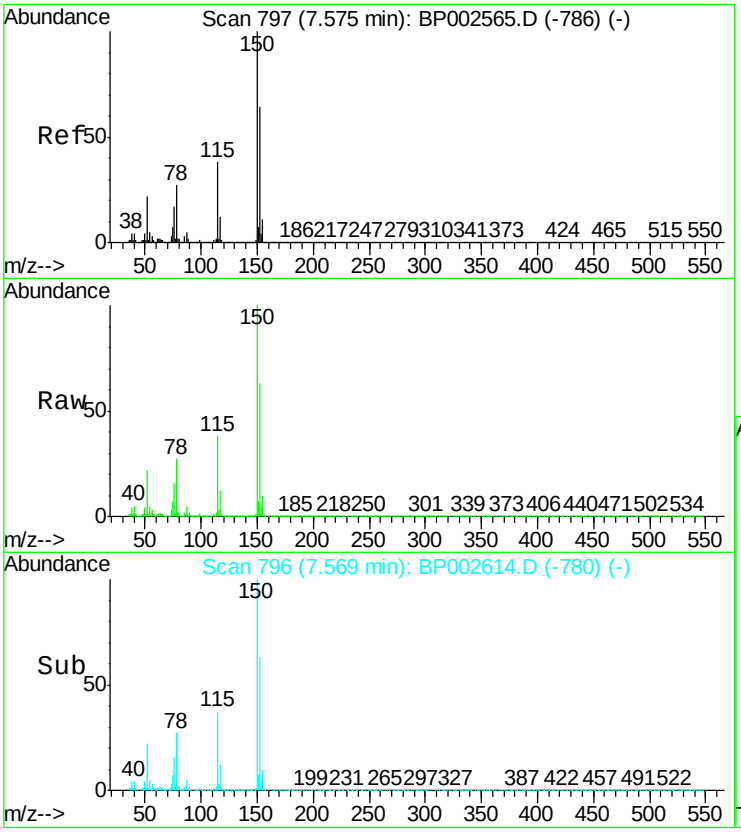
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
Data File : BP002614.D
Acq On : 01 Jul 2020 20:46
Operator : CG/JU
Sample : L3157-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-D19

Quant Time: Jul 02 00:57:04 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



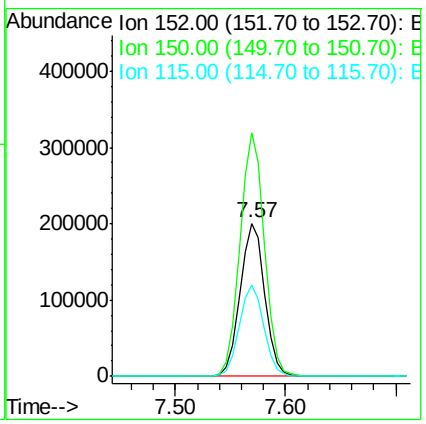


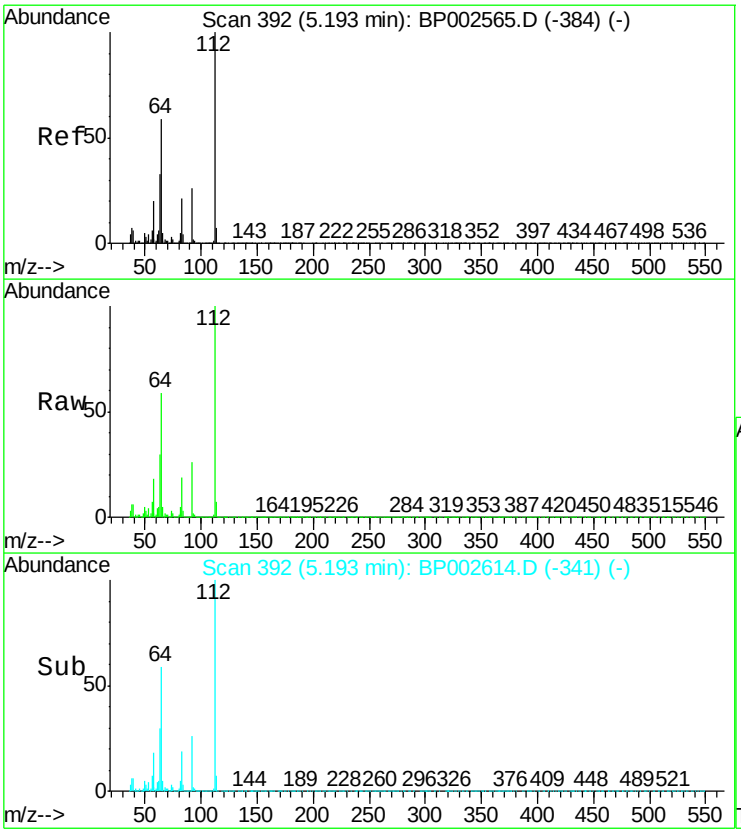
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:152 Resp: 313357

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.2	186.2
115	59.6	47.1	70.7

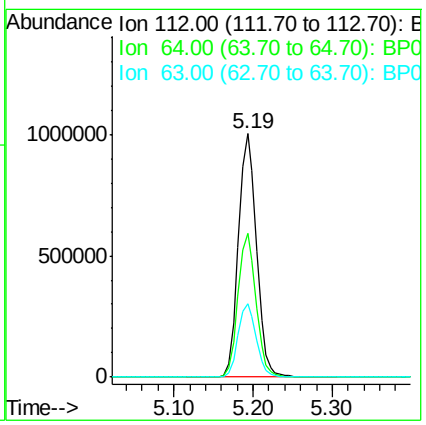


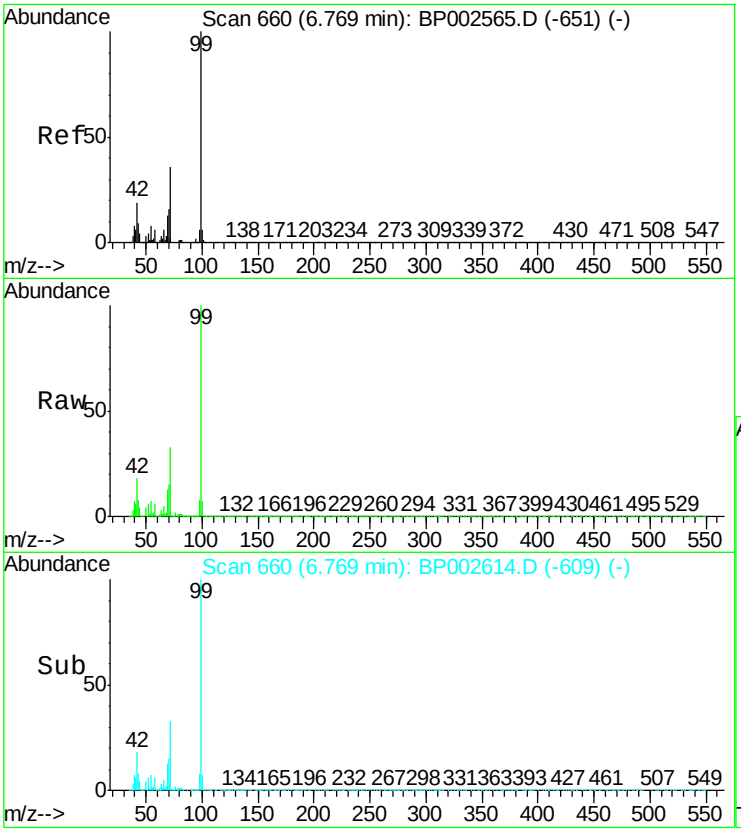


#5
2-Fluorophenol
Concen: 85.645 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Tgt Ion:112 Resp: 1585097

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.0	70.6
63	30.2	26.1	39.1



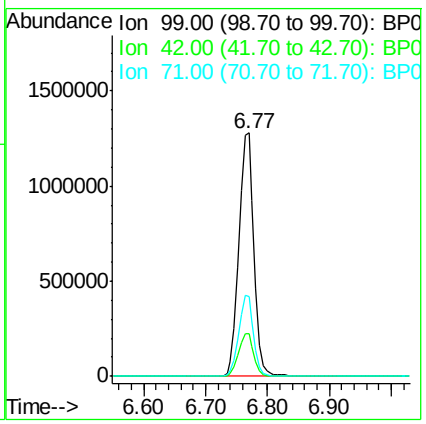


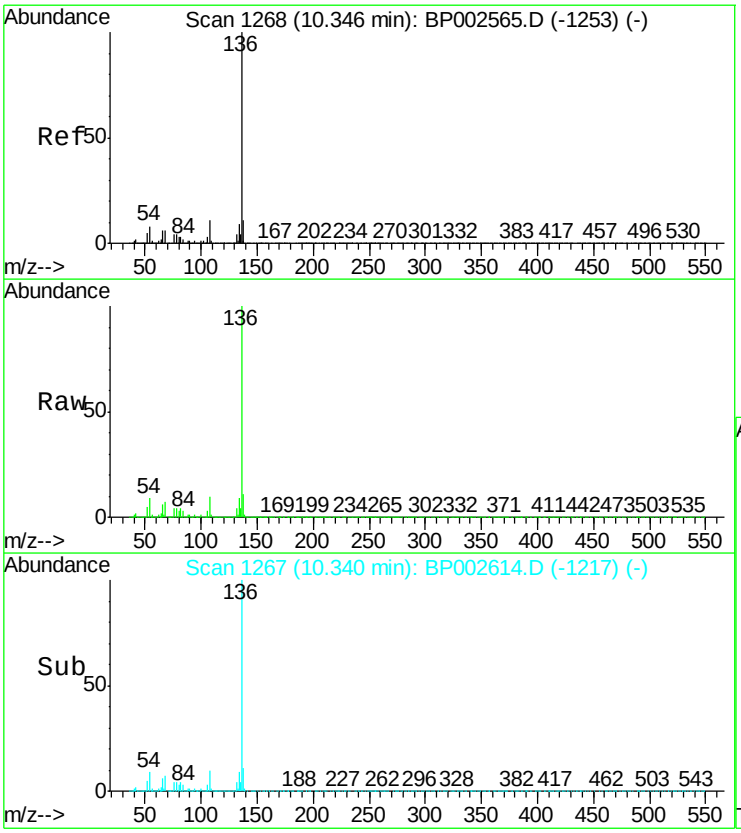
#7
Phenol-d6
Concen: 84.237 ng
RT: 6.77 min Scan# 660
Delta R.T. -0.00 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion: 99 Resp: 2176008

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.5	23.3
71	32.8	28.9	43.3

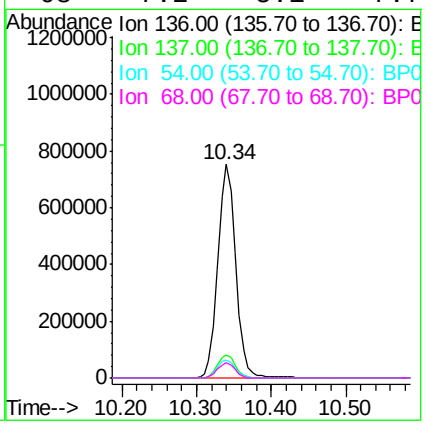


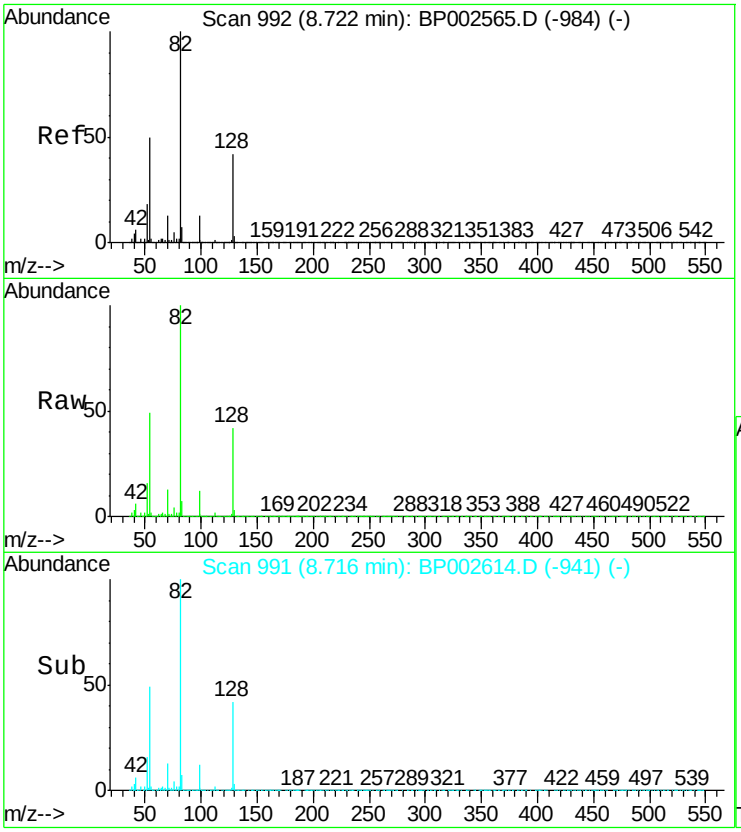


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Tgt Ion:136 Resp: 1256894

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.6	6.4	9.6
68	7.2	5.1	7.7



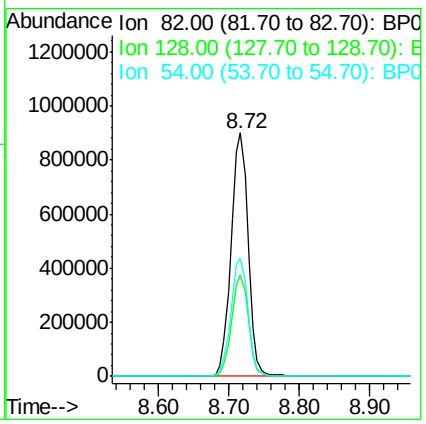


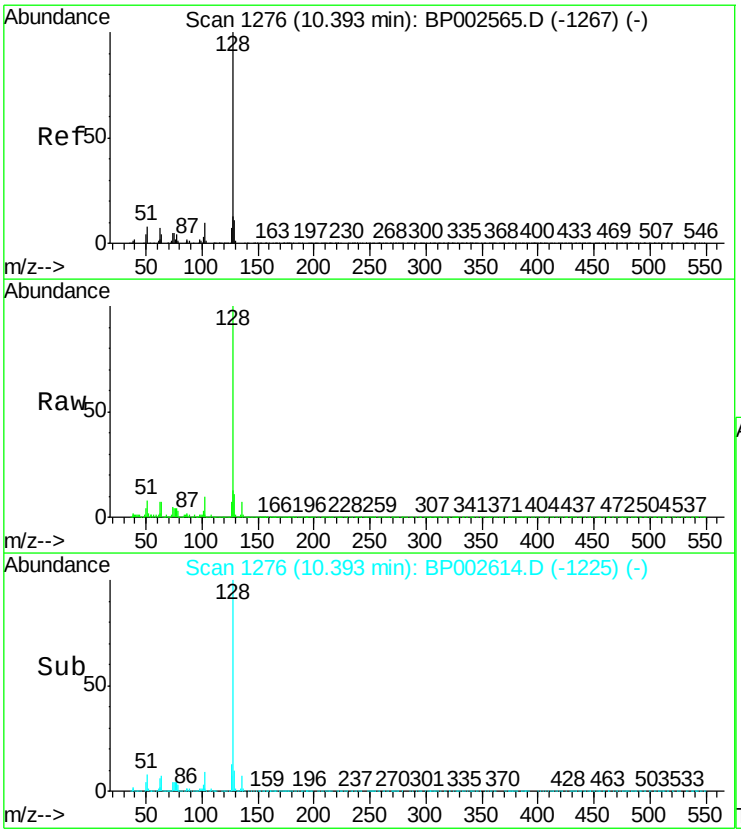
#23
Nitrobenzene-d5
Concen: 62.071 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion: 82 Resp: 1514135

Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.4	50.2
54	48.8	40.1	60.1

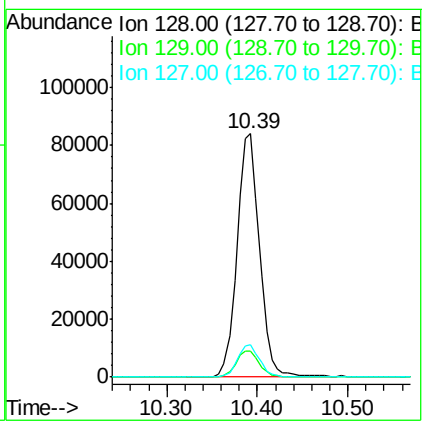


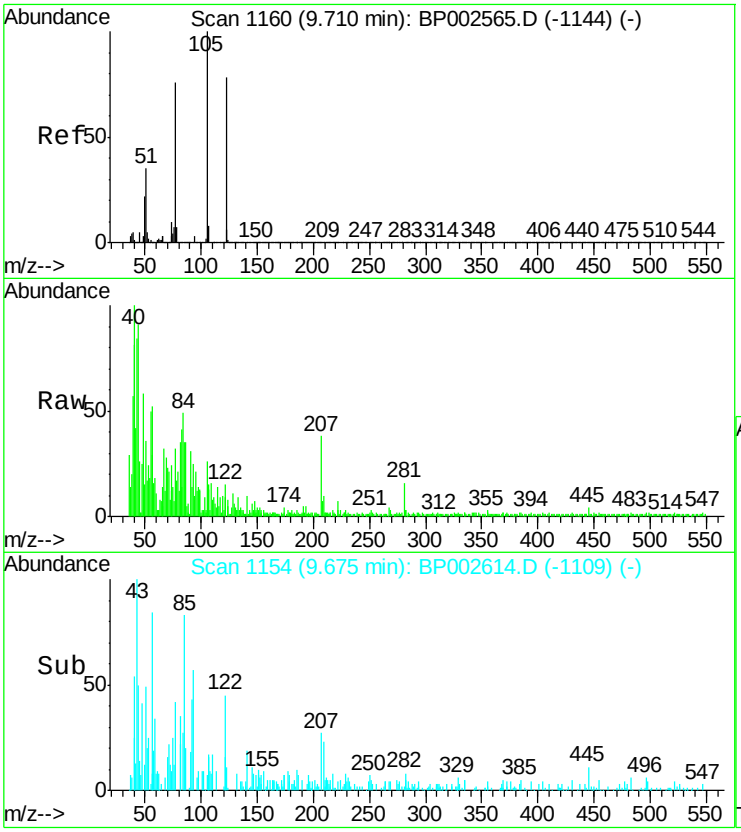


#31
Naphthalene
Concen: 2.166 ng
RT: 10.39 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Tgt Ion:128 Resp: 144132

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	13.1	10.3	15.5



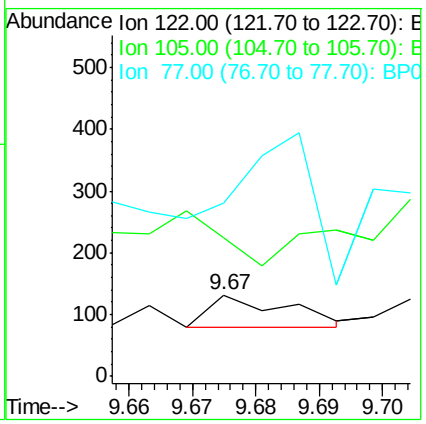


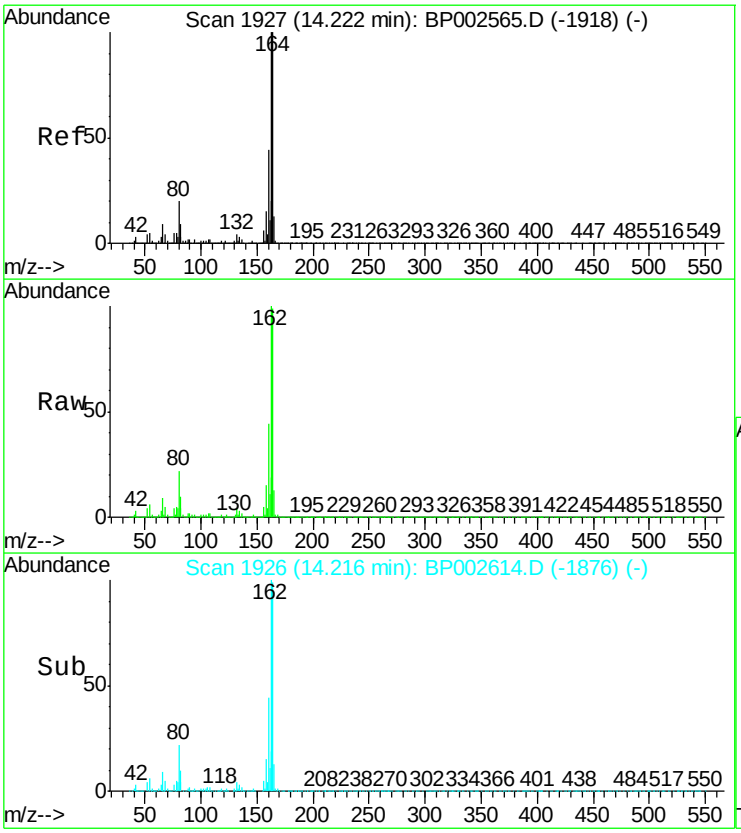
#32
Benzoic acid
Concen: 8.702 ng
RT: 9.67 min Scan# 1154
Delta R.T. -0.04 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:122 Resp: 44

Ion	Ratio	Lower	Upper
122	100		
105	169.7	106.6	146.6#
77	212.1	76.5	116.5#

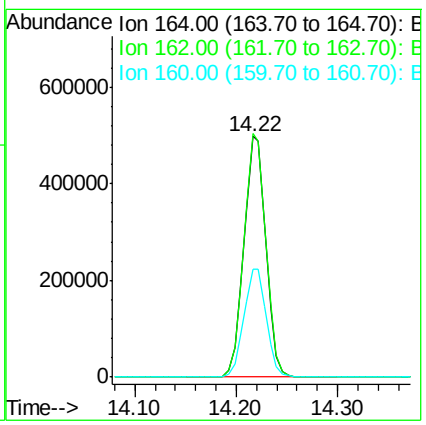


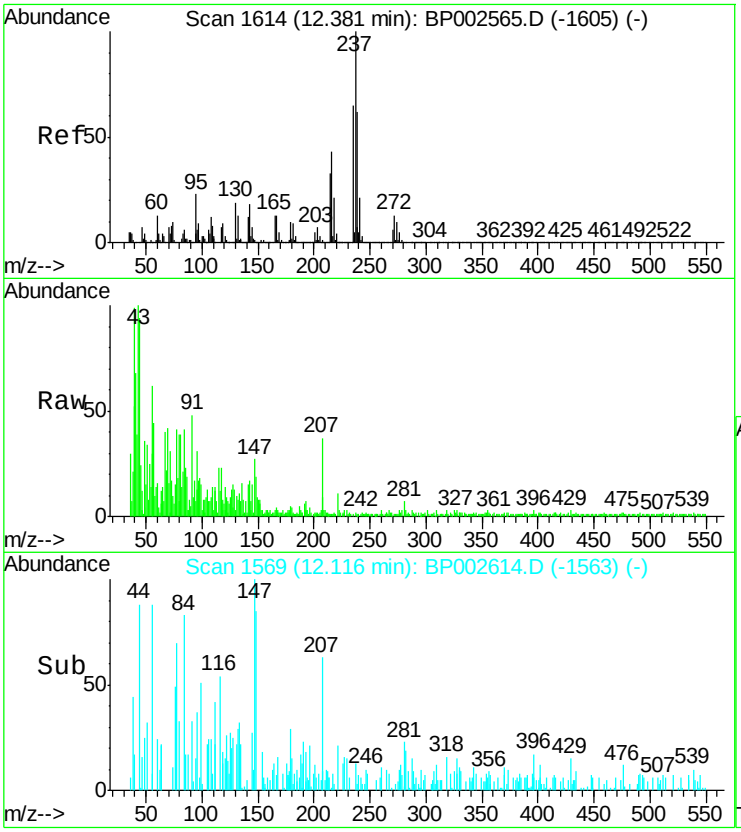


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Tgt Ion:164 Resp: 746848

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.3	120.5
160	45.0	35.0	52.6



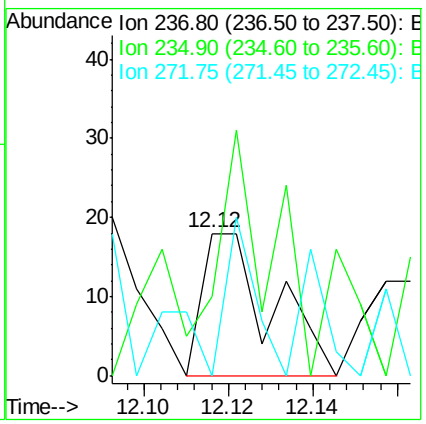


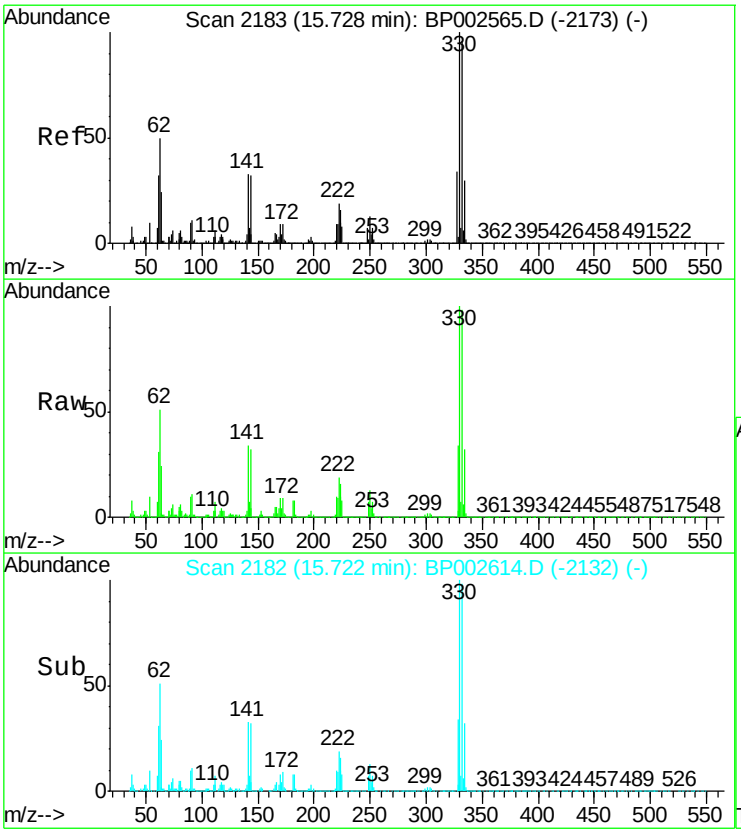
#41
Hexachlorocyclopentadiene
Concen: 4.383 ng
RT: 12.12 min Scan# 1569
Delta R.T. -0.26 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:237 Resp: 20

Ion	Ratio	Lower	Upper
237	100		
235	55.6	45.4	85.4
272	0.0	0.0	32.6

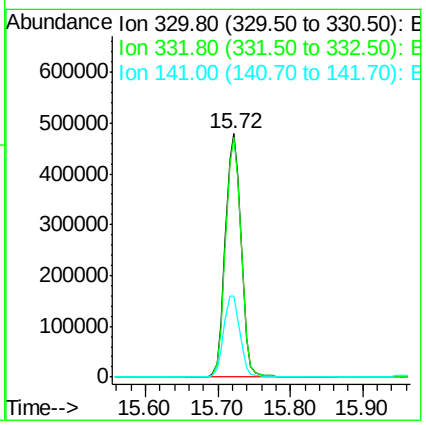


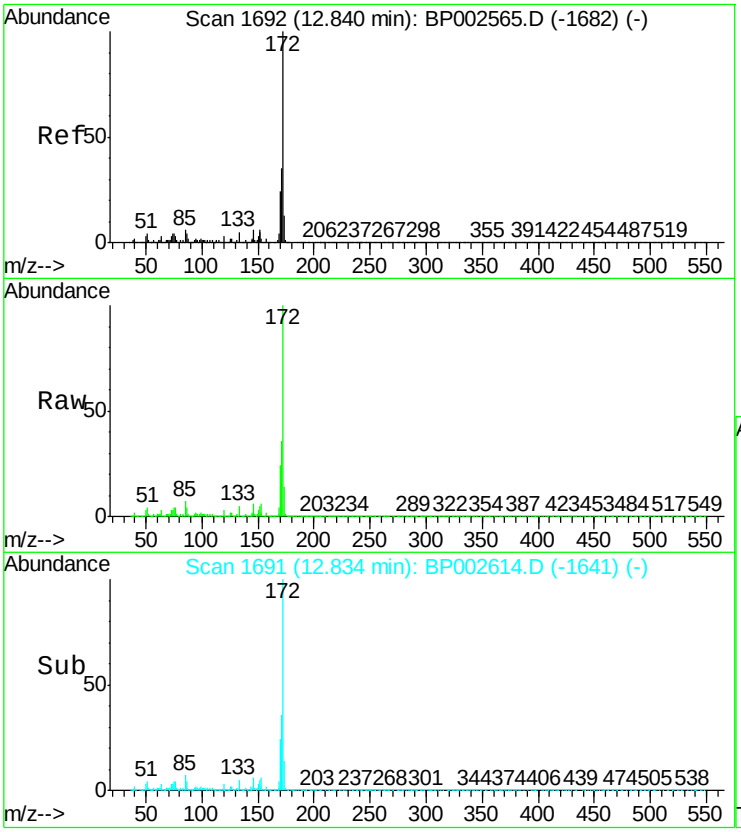


#42
2,4,6-Tribromophenol
Concen: 79.851 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Tgt Ion:330 Resp: 725351

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.7	116.5
141	34.5	29.0	43.6



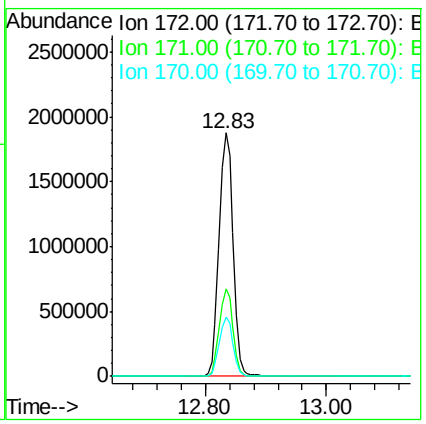


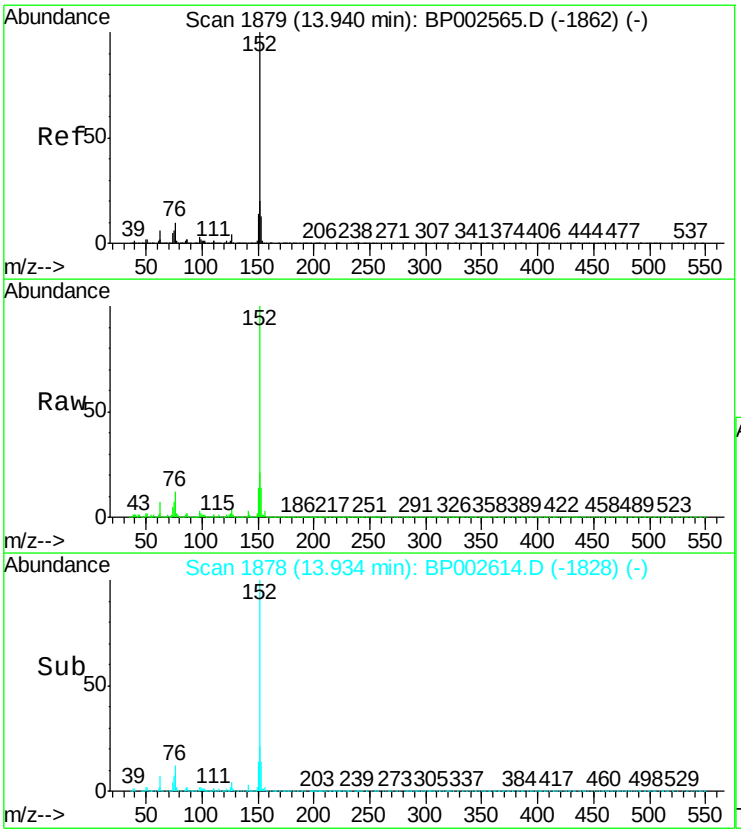
#45
2-Fluorobiphenyl
Concen: 59.616 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:172 Resp: 3025098

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.0	42.0
170	24.2	19.0	28.4

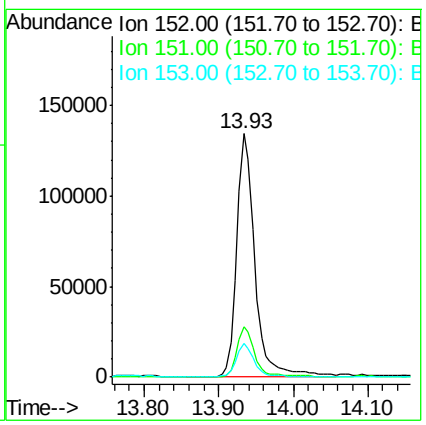


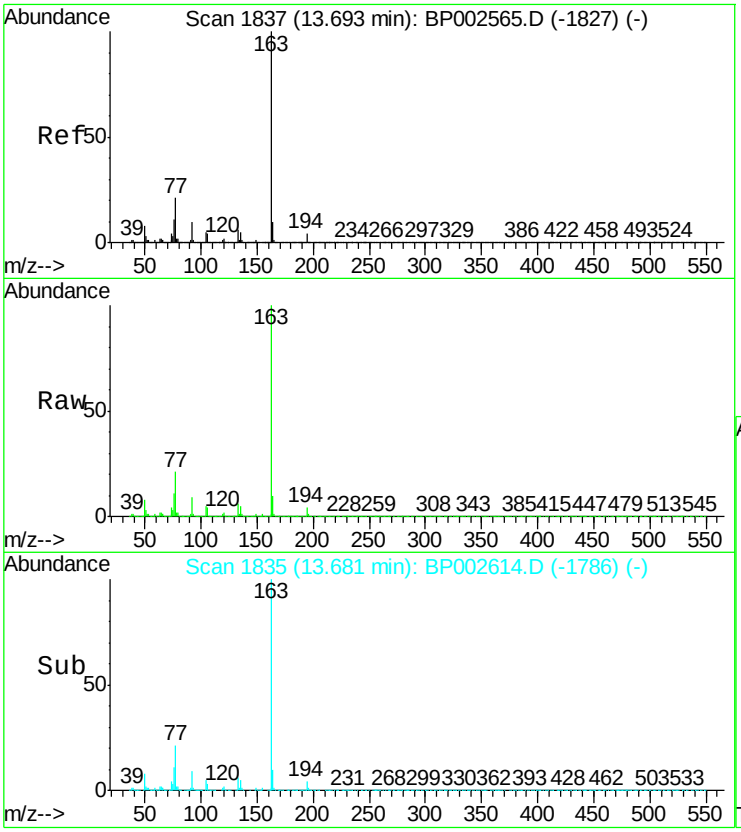


#49
Acenaphthylene
Concen: 3.144 ng
RT: 13.93 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Tgt Ion:152 Resp: 227532

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.7	23.5
153	13.8	10.2	15.2



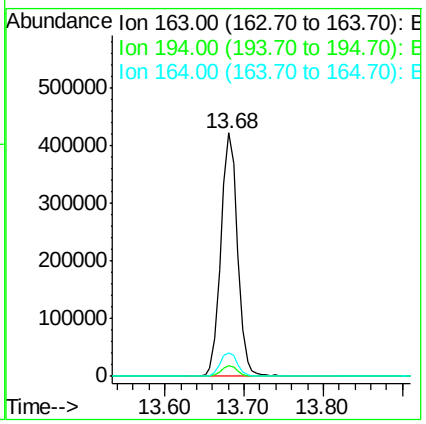


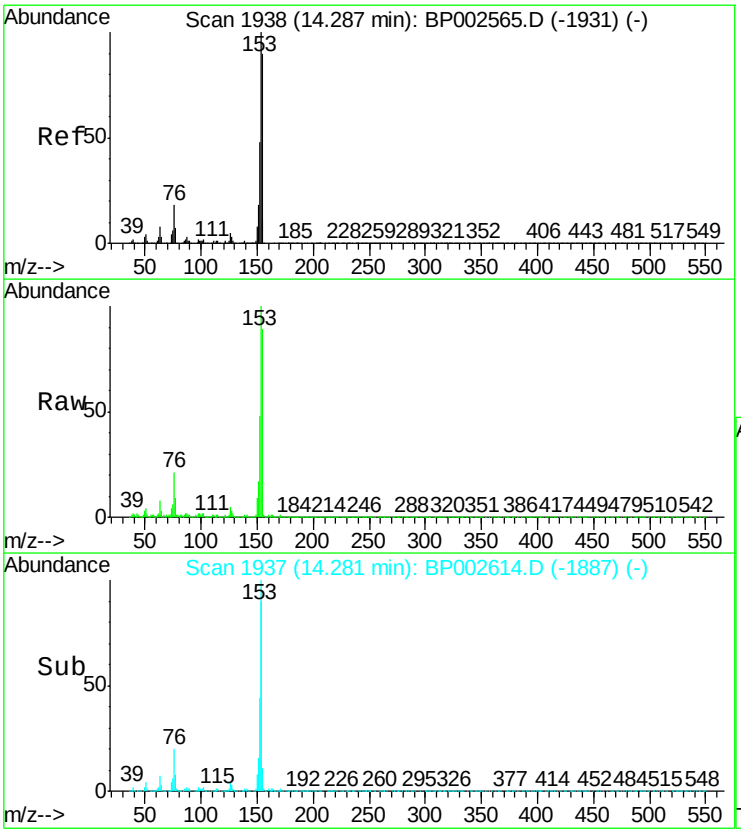
#50
Dimethylphthalate
Concen: 10.499 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:163 Resp: 615843

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.9	8.2	12.4

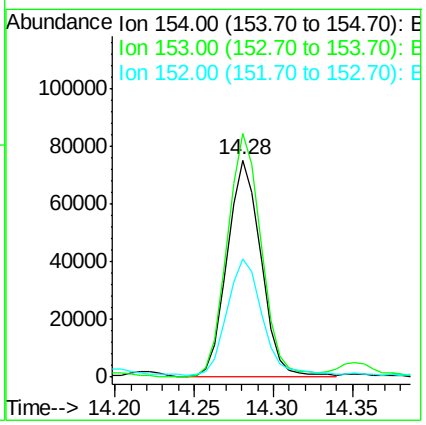


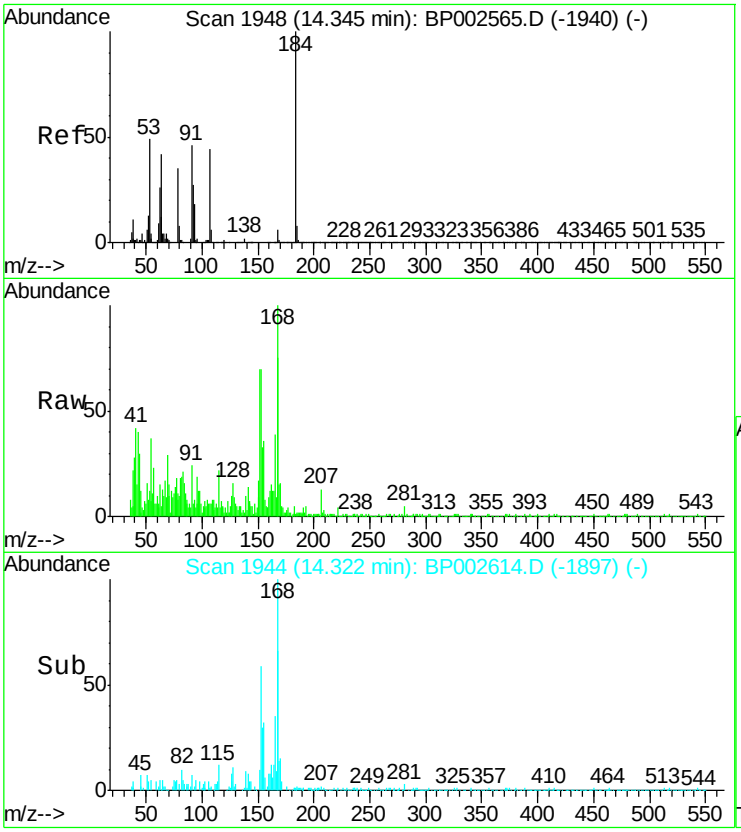


#52
Acenaphthene
Concen: 2.576 ng
RT: 14.28 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Tgt Ion:154 Resp: 109994

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.1	133.7
152	54.4	43.2	64.8



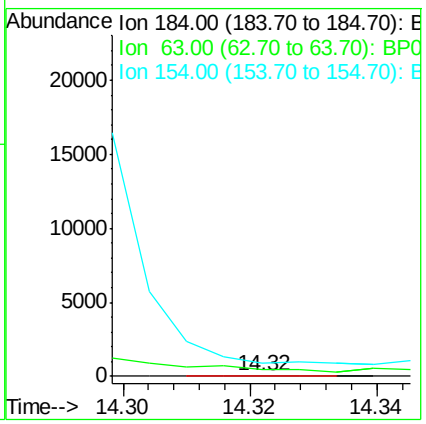


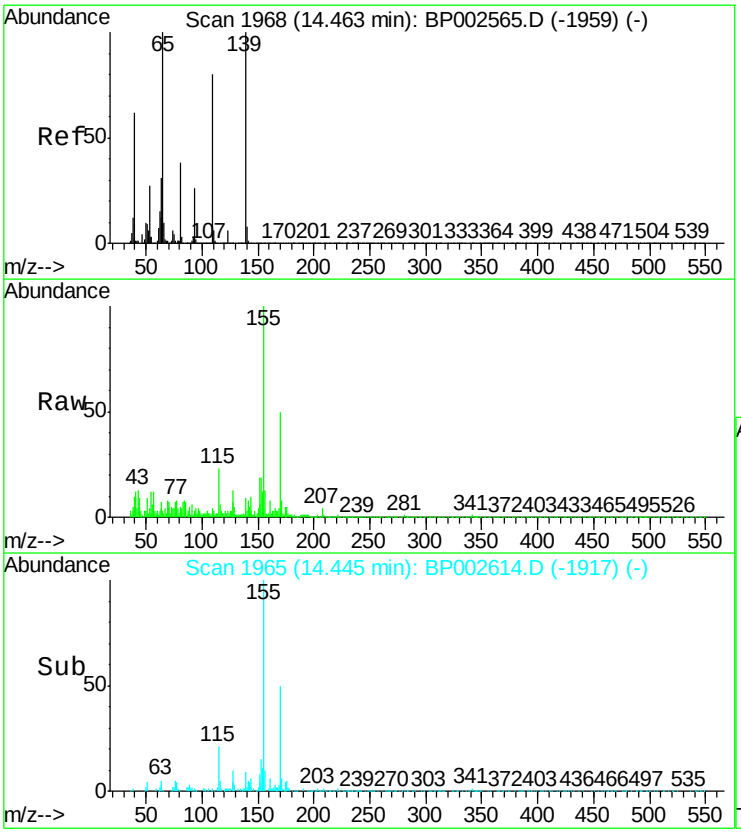
#54
2,4-Dinitrophenol
Concen: 6.011 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.02 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:184 Resp: 19

Ion	Ratio	Lower	Upper
184	100		
63	1400.0	56.2	84.2#
154	3113.3	50.9	76.3#

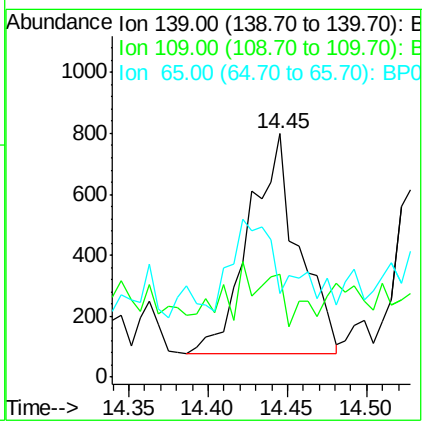


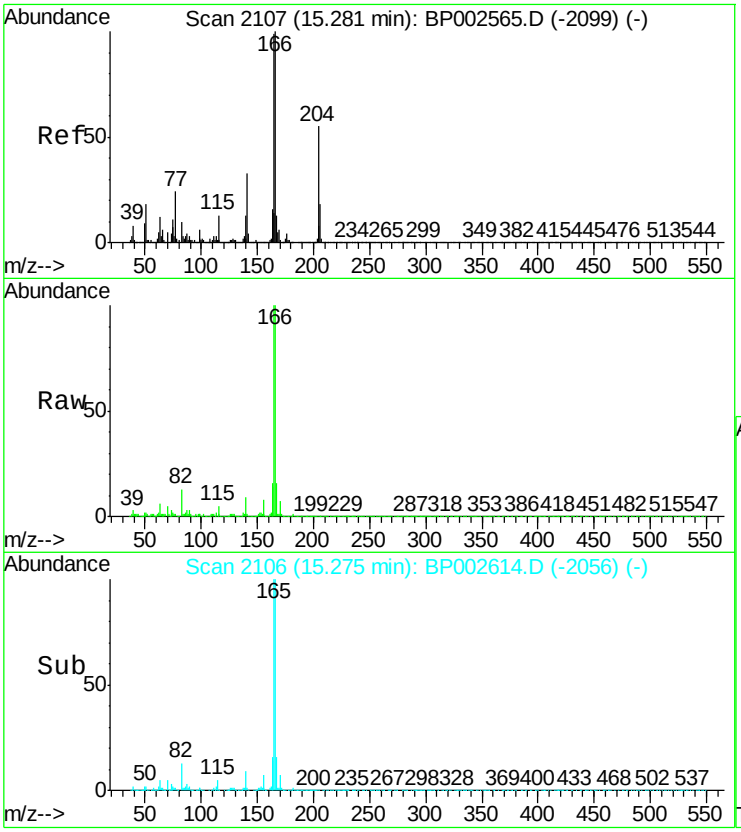


#56
4-Nitrophenol
Concen: 2.576 ng
RT: 14.45 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Tgt Ion:139 Resp: 1573

Ion	Ratio	Lower	Upper
139	100		
109	42.2	60.1	100.1#
65	34.4	80.3	120.3#



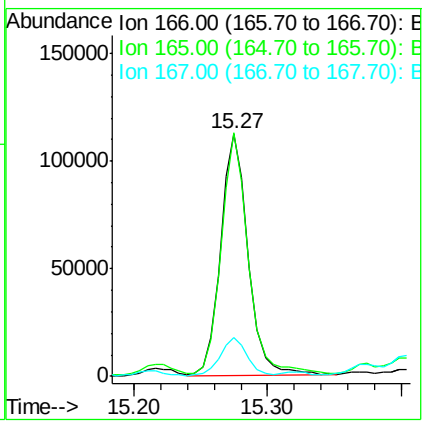


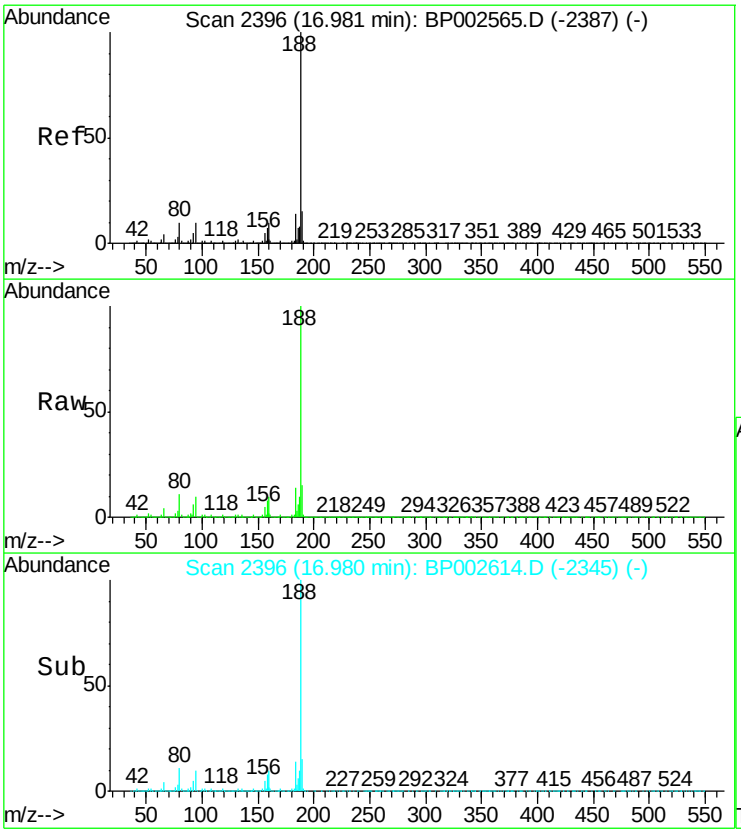
#58
Fluorene
Concen: 3.054 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:166 Resp: 160972

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.1	118.7
167	15.9	10.8	16.2

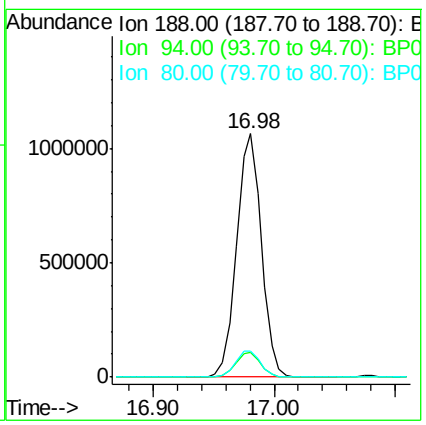


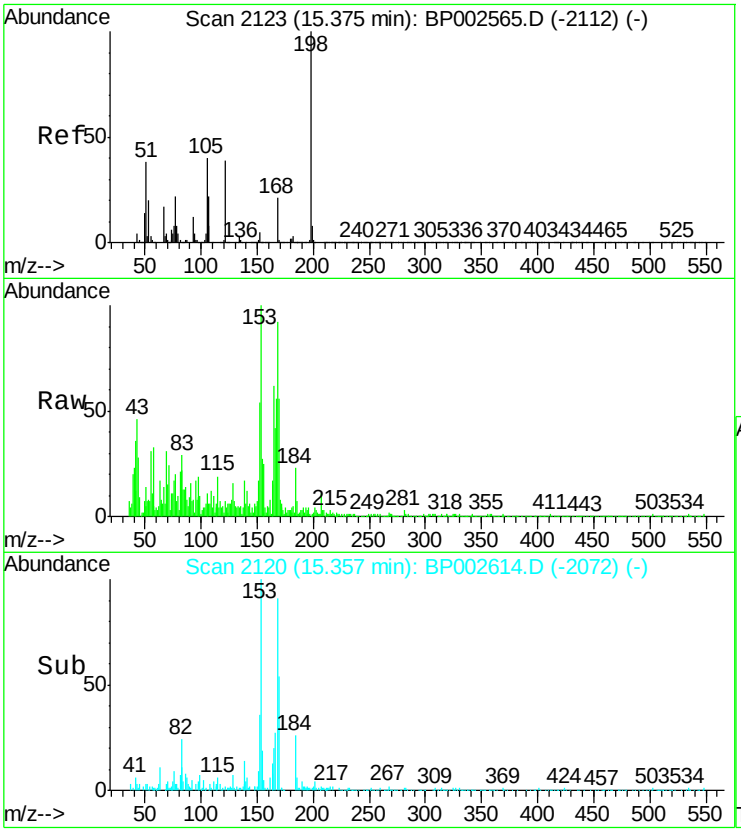


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Tgt Ion:188 Resp: 1520272

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.8	11.6
80	10.8	8.2	12.4



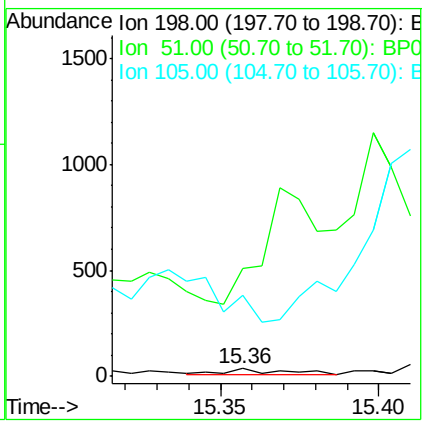


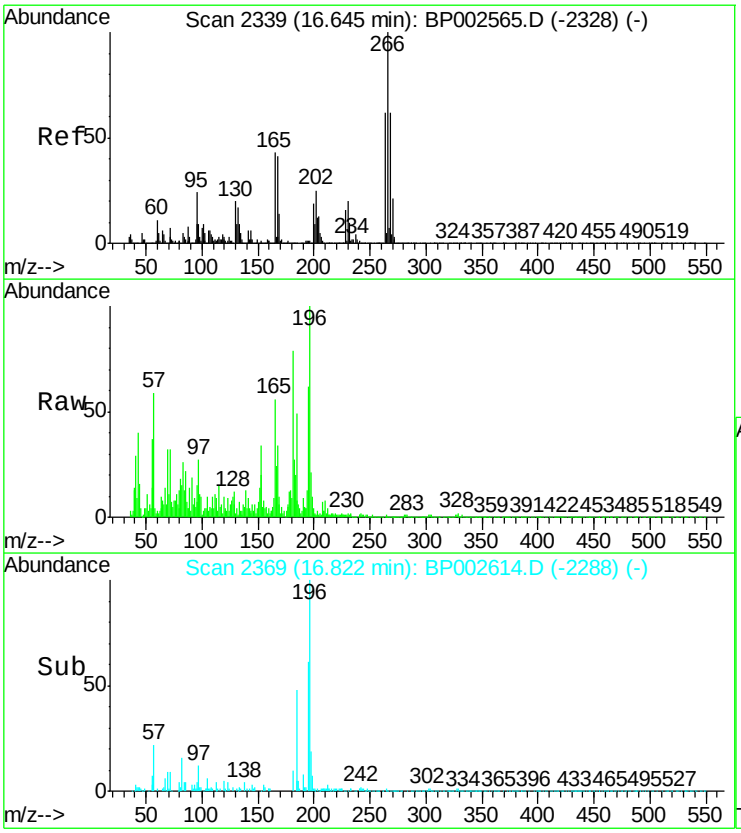
#65
4,6-Dinitro-2-methylphenol
Concen: 2.712 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:198 Resp: 29

Ion	Ratio	Lower	Upper
198	100		
51	1462.9	24.2	64.2#
105	1091.4	20.7	60.7#

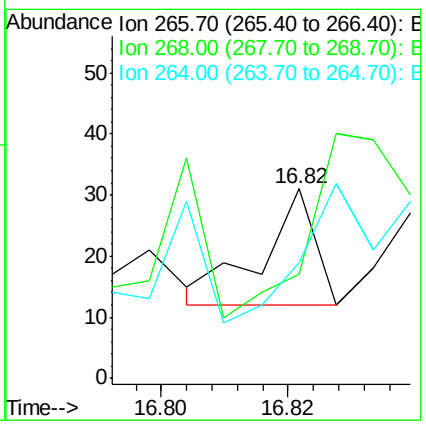


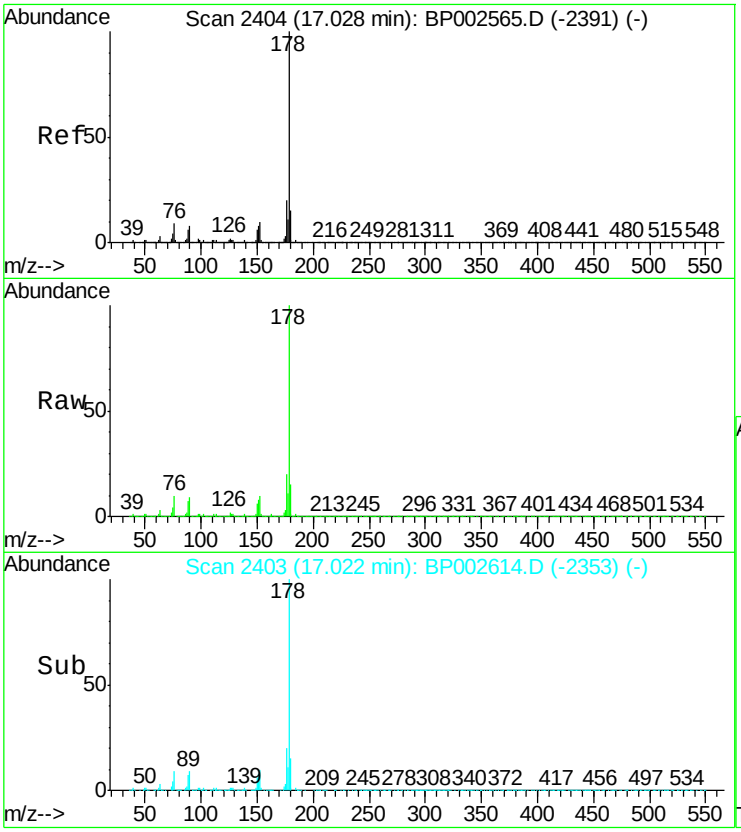


#70
Pentachlorophenol
Concen: 2.663 ng
RT: 16.82 min Scan# 2369
Delta R.T. 0.18 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Tgt Ion:266 Resp: 11

Ion	Ratio	Lower	Upper
266	100		
268	54.8	49.7	74.5
264	61.3	49.3	73.9



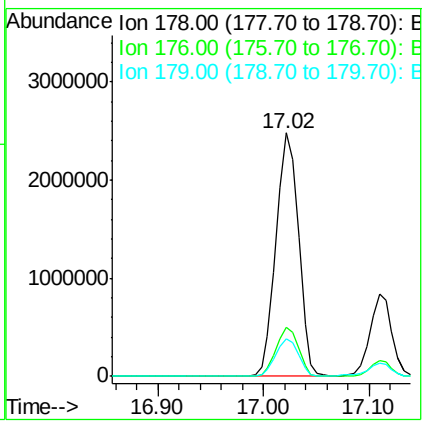


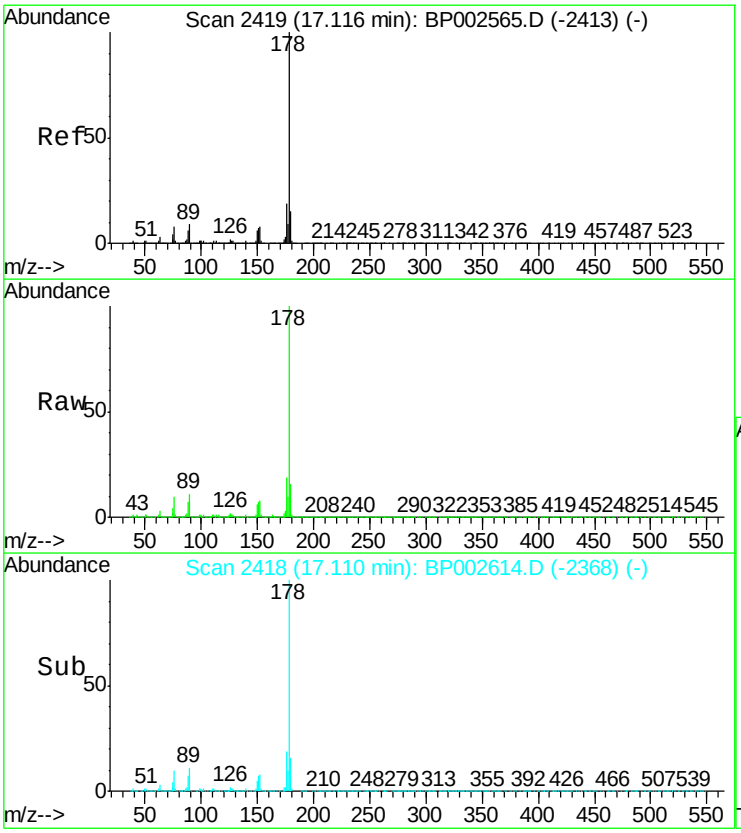
#71
Phenanthrene
Concen: 44.534 ng
RT: 17.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:178 Resp: 3642759

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.6	23.4
179	15.5	12.1	18.1

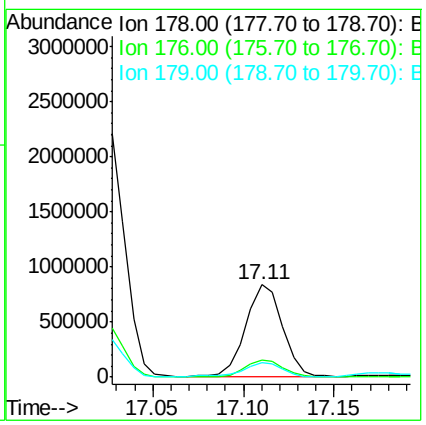


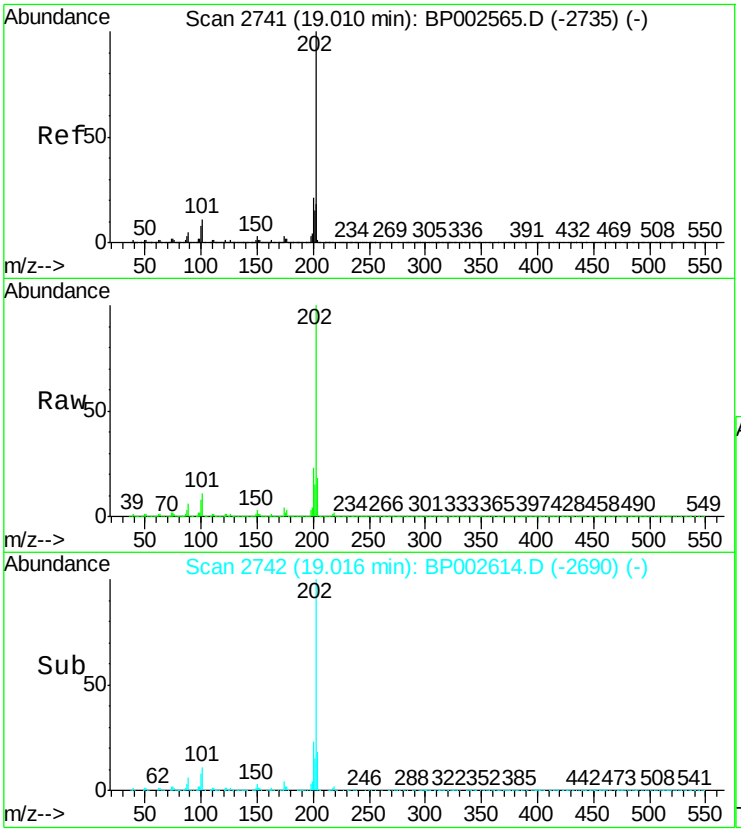


#72
Anthracene
Concen: 14.448 ng
RT: 17.11 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Tgt Ion:178 Resp: 1176055

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	16.2	12.2	18.2



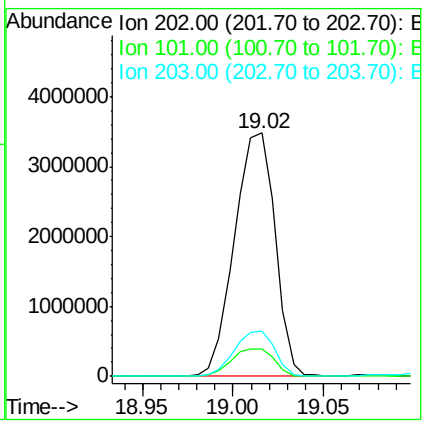


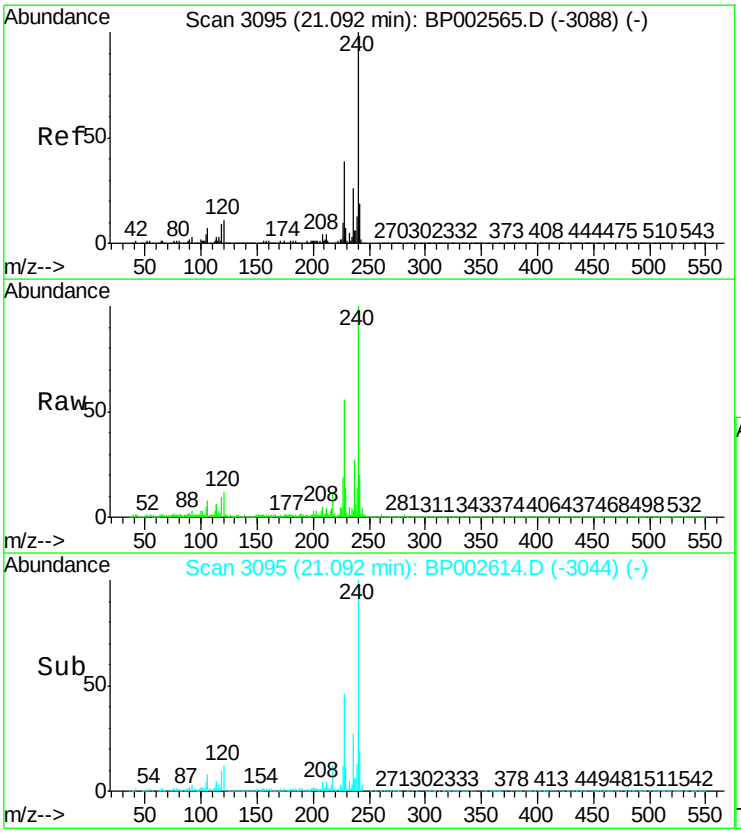
#75
Fluoranthene
Concen: 54.769 ng
RT: 19.02 min Scan# 2742
Delta R.T. 0.01 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:202 Resp: 5422719

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.6
203	18.4	0.0	37.7

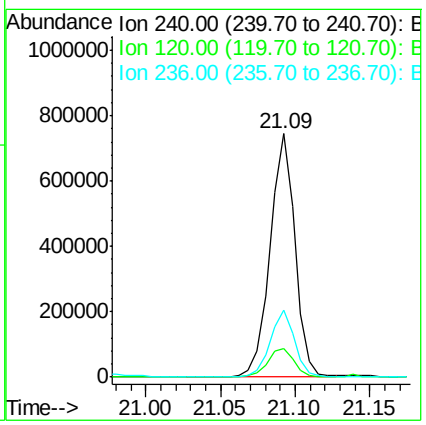


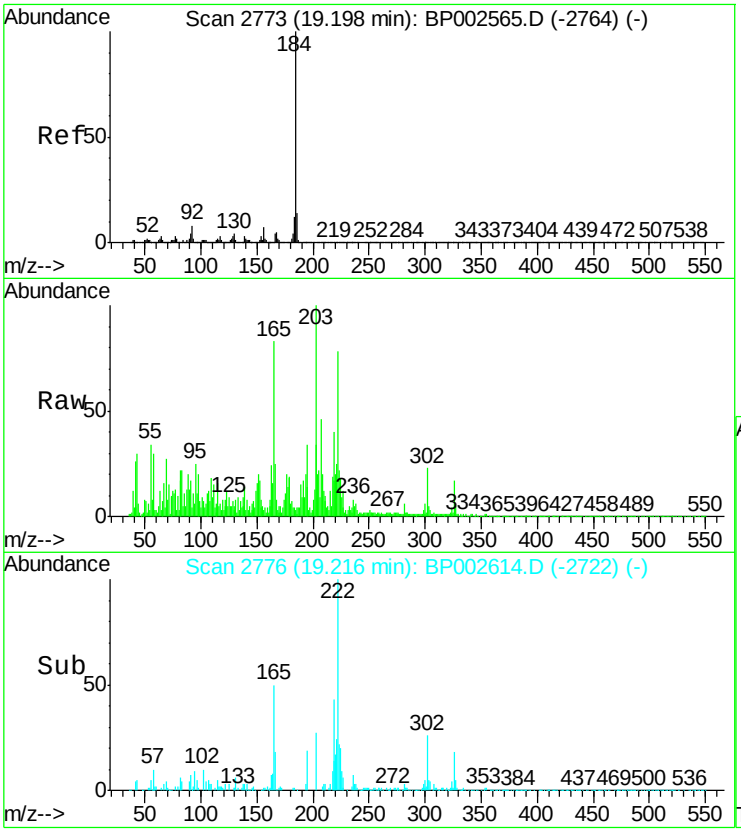


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Tgt Ion:240 Resp: 858263

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.6	13.0
236	27.5	20.8	31.2



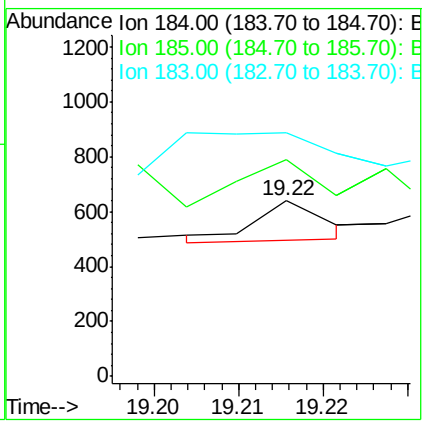


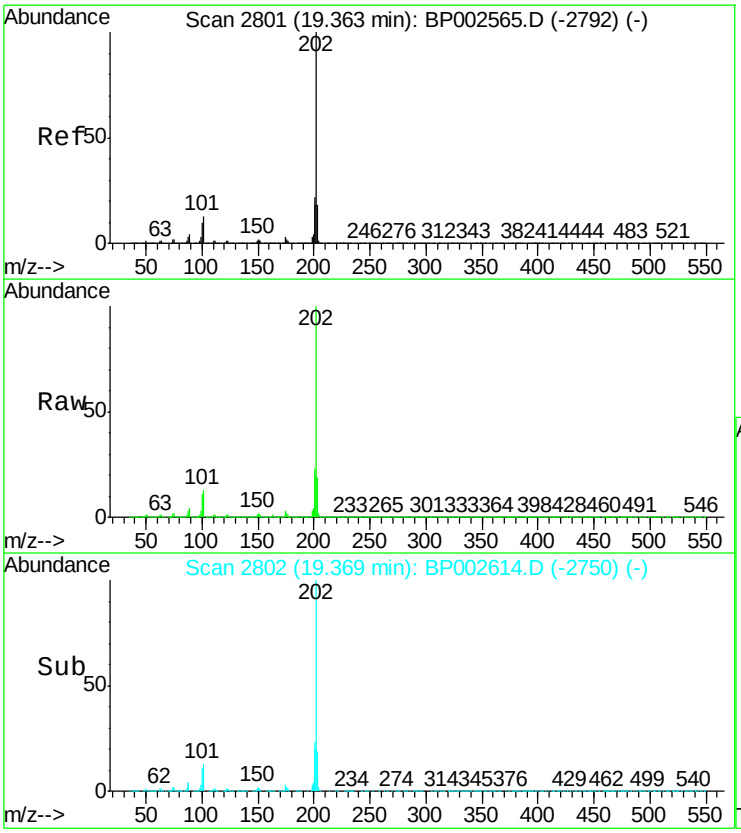
#77
Benzidine
Concen: 3.758 ng
RT: 19.22 min Scan# 2776
Delta R.T. 0.02 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:184 Resp: 81

Ion	Ratio	Lower	Upper
184	100		
185	123.8	11.4	17.2#
183	138.8	9.2	13.8#

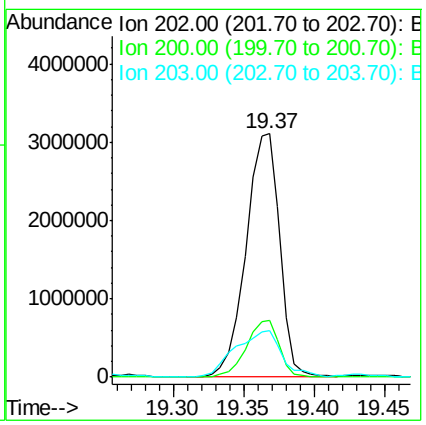


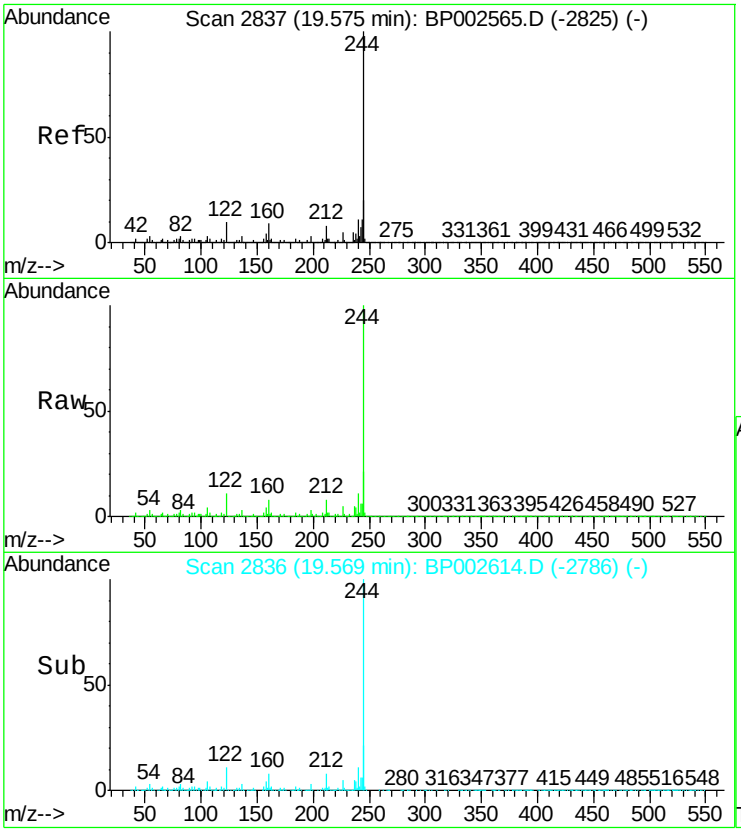


#78
Pyrene
Concen: 88.968 ng
RT: 19.37 min Scan# 2802
Delta R.T. 0.01 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Tgt Ion:202 Resp: 5197441

Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.6	26.4
203	19.1	14.4	21.6



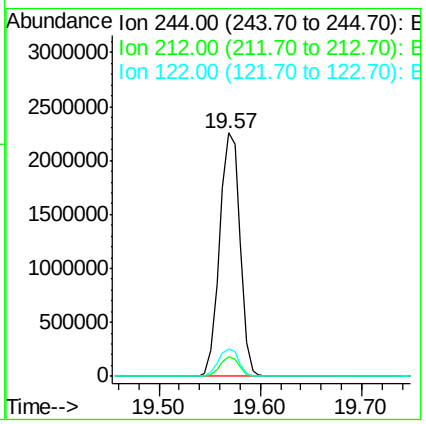


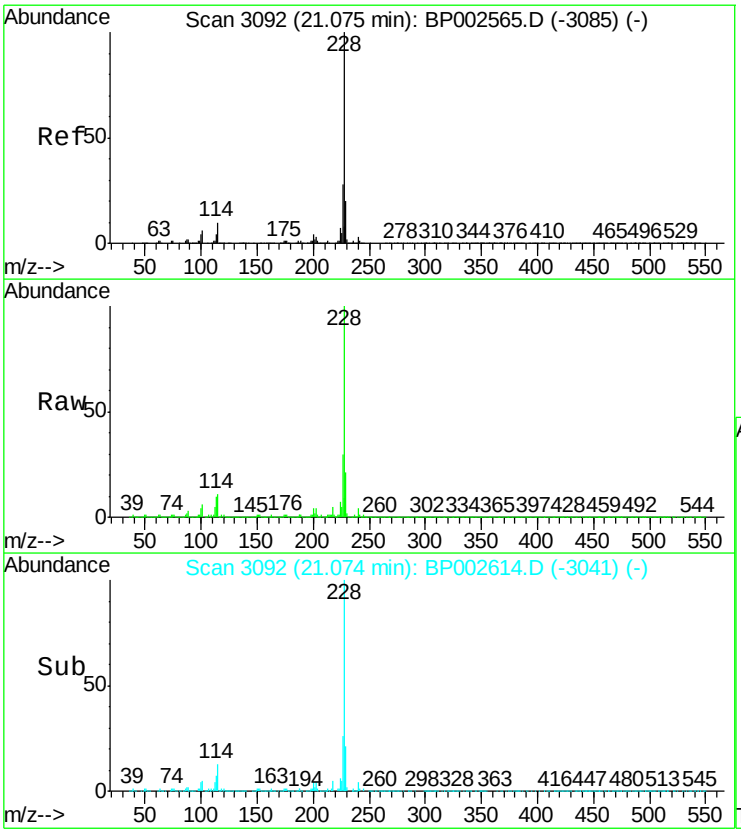
#79
Terphenyl-d14
Concen: 79.391 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:244 Resp: 3156764

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	11.1	7.9	11.9

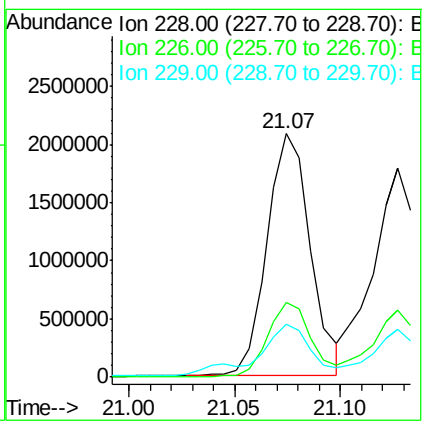


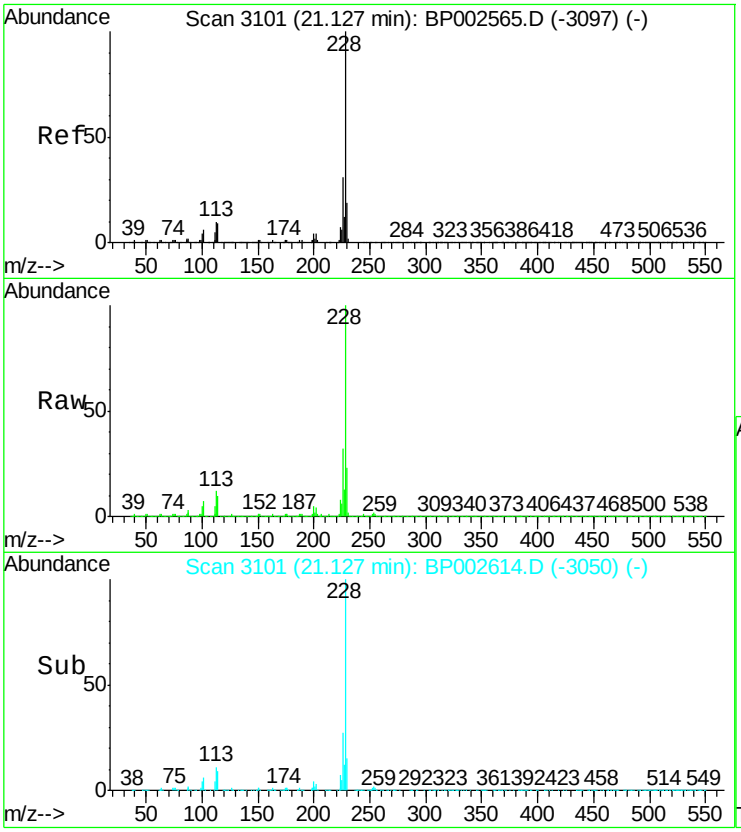


#81
Benzo(a)anthracene
Concen: 53.262 ng
RT: 21.07 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Tgt Ion:228 Resp: 2988572

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.5	33.7
229	21.5	16.4	24.6



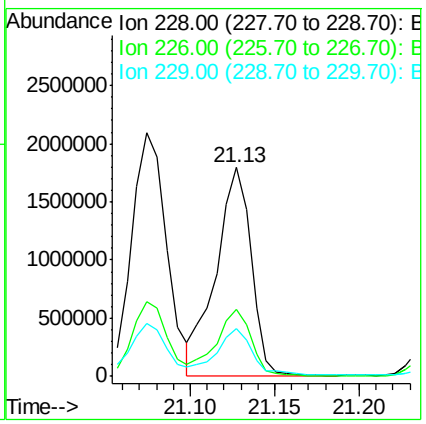


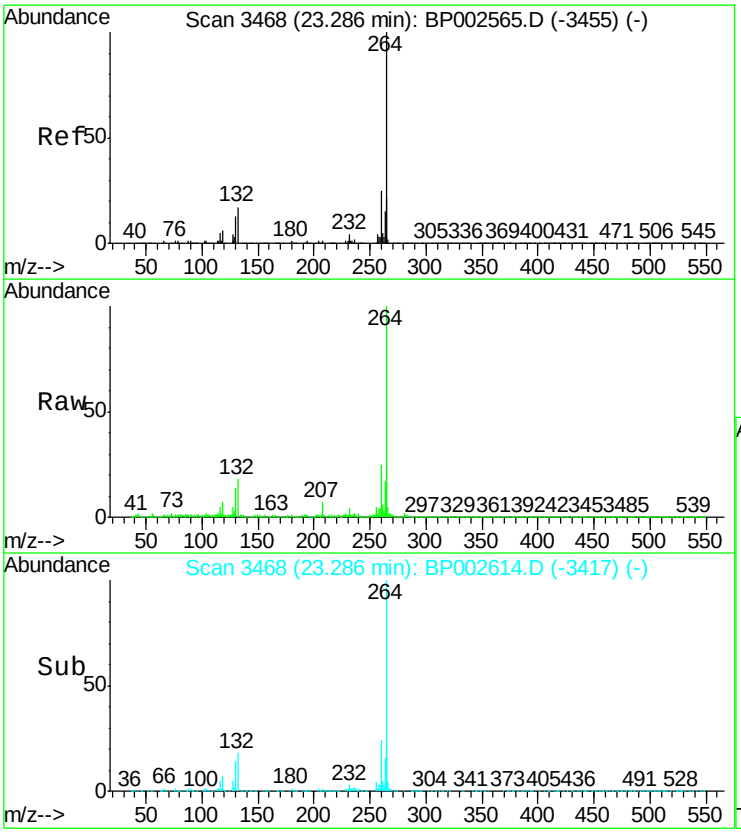
#83
Chrysene
Concen: 48.027 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:228 Resp: 2584096

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.6	37.0
229	22.9	15.6	23.4

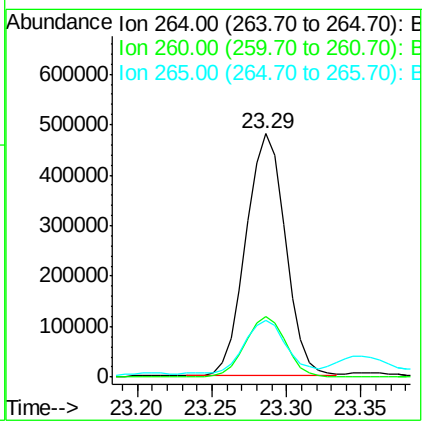


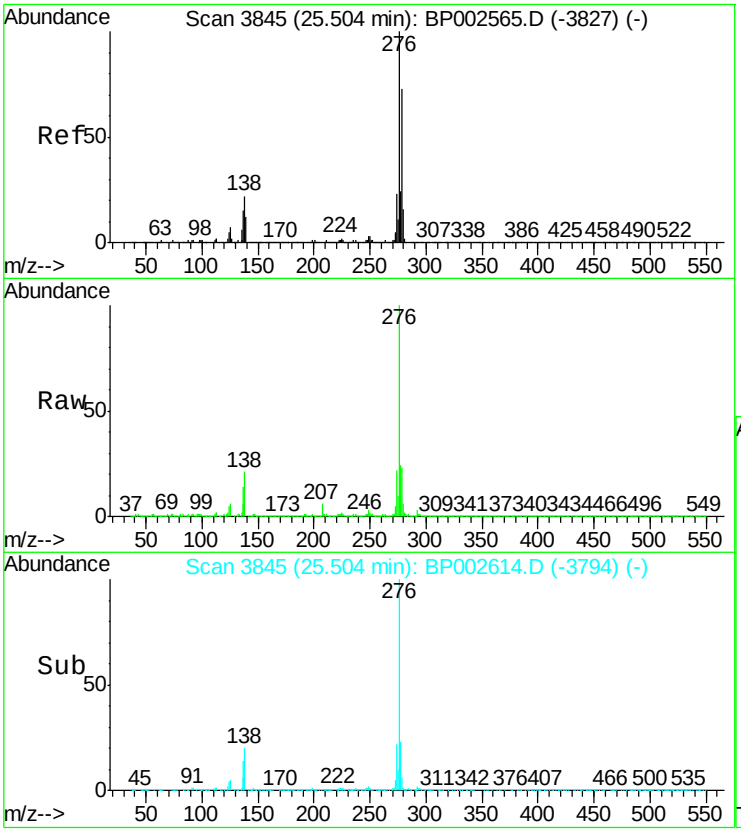


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.00 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Tgt Ion:264 Resp: 881611

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	23.3	17.6	26.4



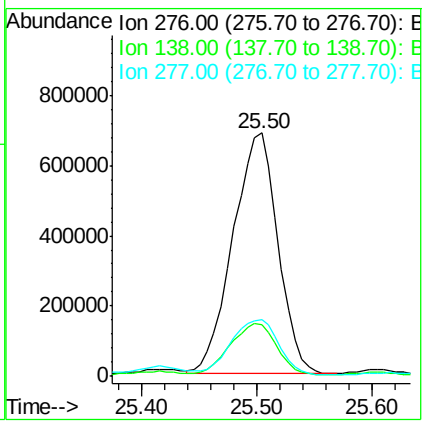


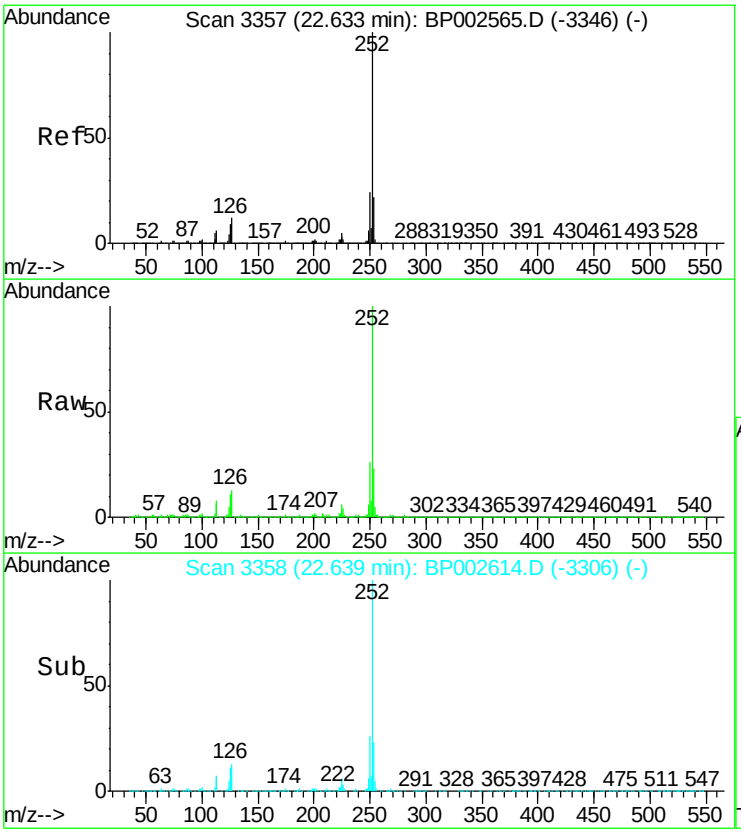
#87
Indeno(1,2,3-cd)pyrene
Concen: 29.237 ng
RT: 25.50 min Scan# 3845
Delta R.T. -0.00 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:276 Resp: 1855882

Ion	Ratio	Lower	Upper
276	100		
138	22.4	18.6	27.8
277	24.7	20.1	30.1

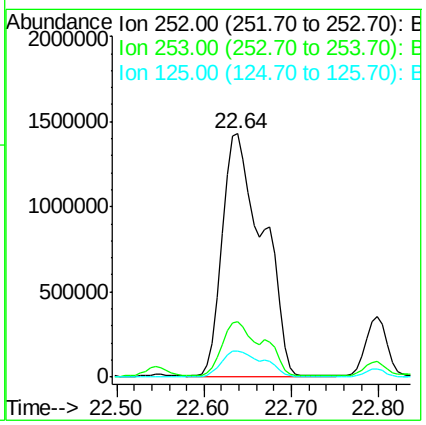


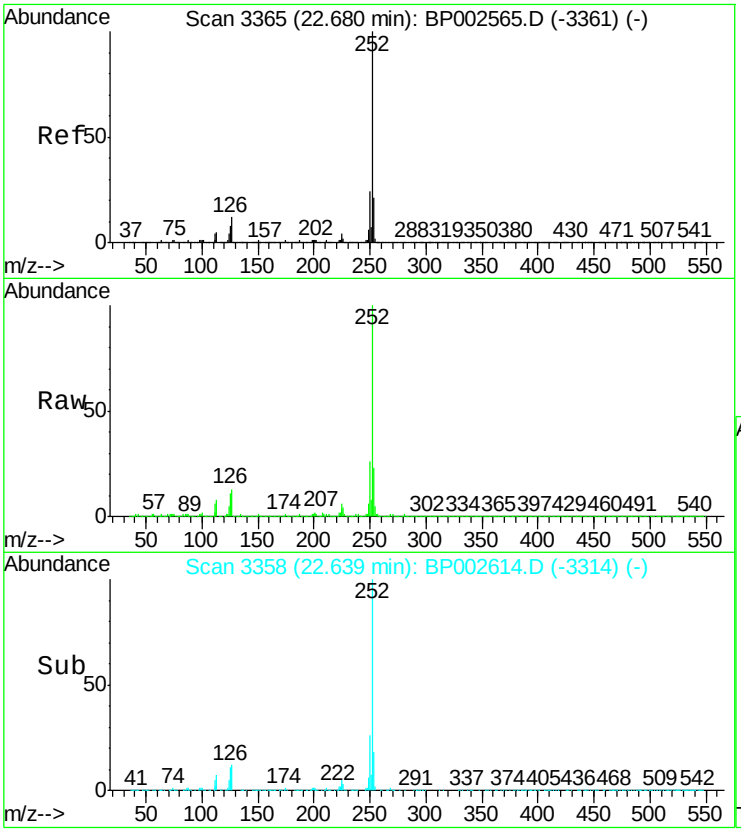


#88
Benzo(b)fluoranthene
Concen: 80.313 ng
RT: 22.64 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Tgt Ion:252 Resp: 4517997

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	10.9	7.4	11.2



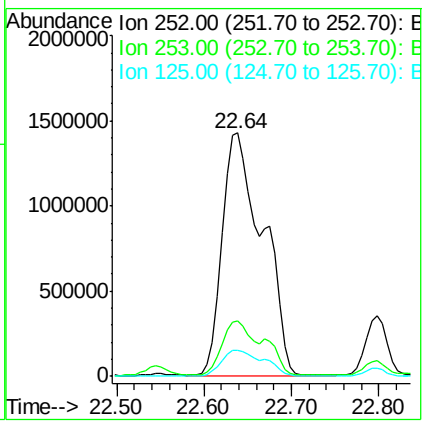


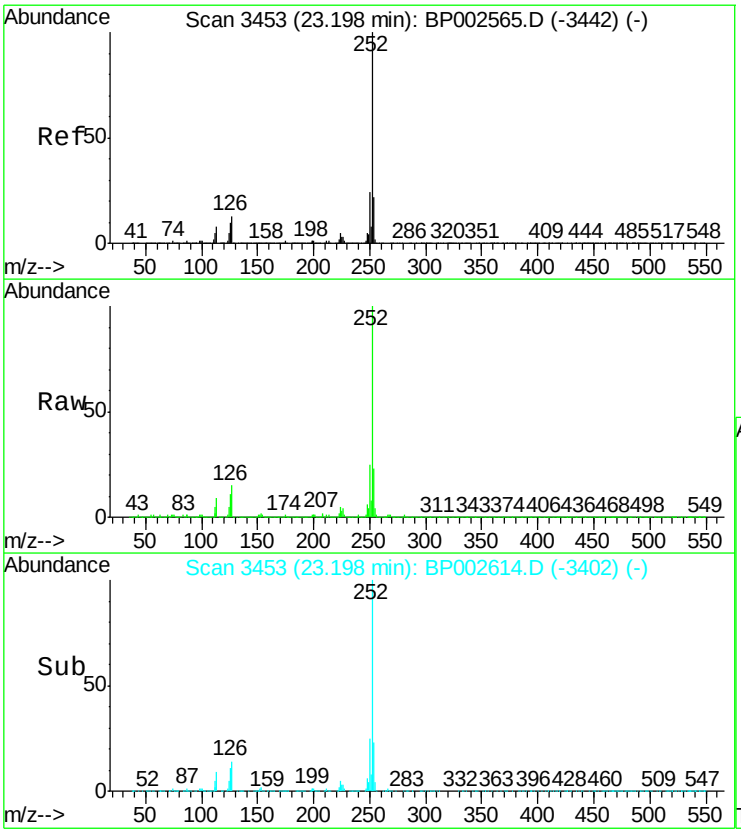
#89
Benzo(k)fluoranthene
Concen: 86.090 ng
RT: 22.64 min Scan# 3358
Delta R.T. -0.04 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:252 Resp: 4517997

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	10.9	6.9	10.3#

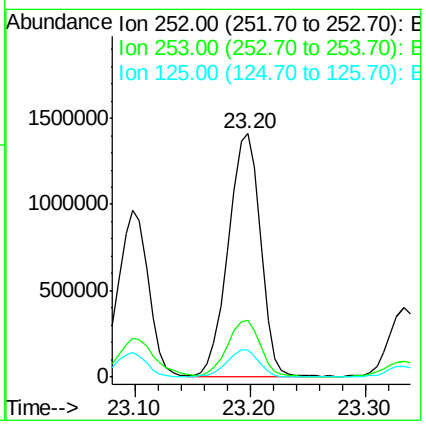


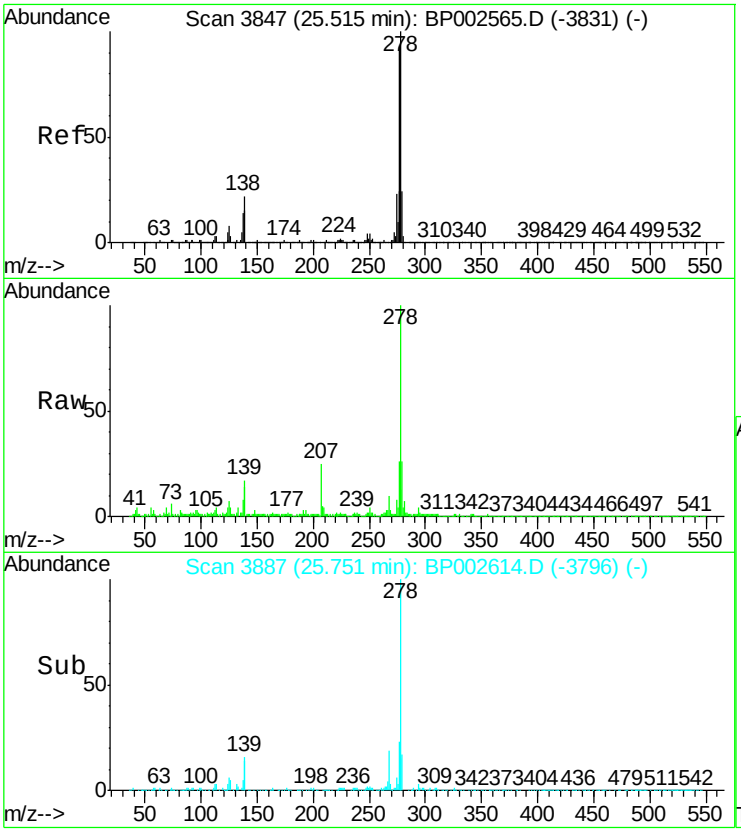


#90
Benzo(a)pyrene
Concen: 52.393 ng
RT: 23.20 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Tgt Ion:252 Resp: 2704688

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	11.1	7.8	11.8



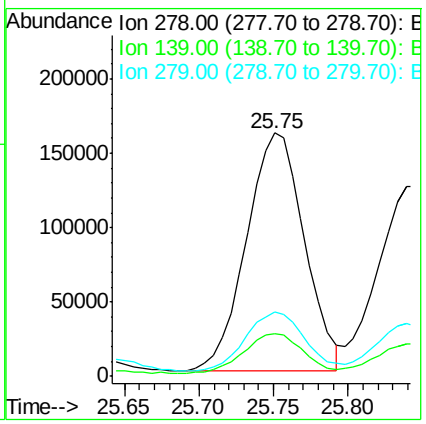


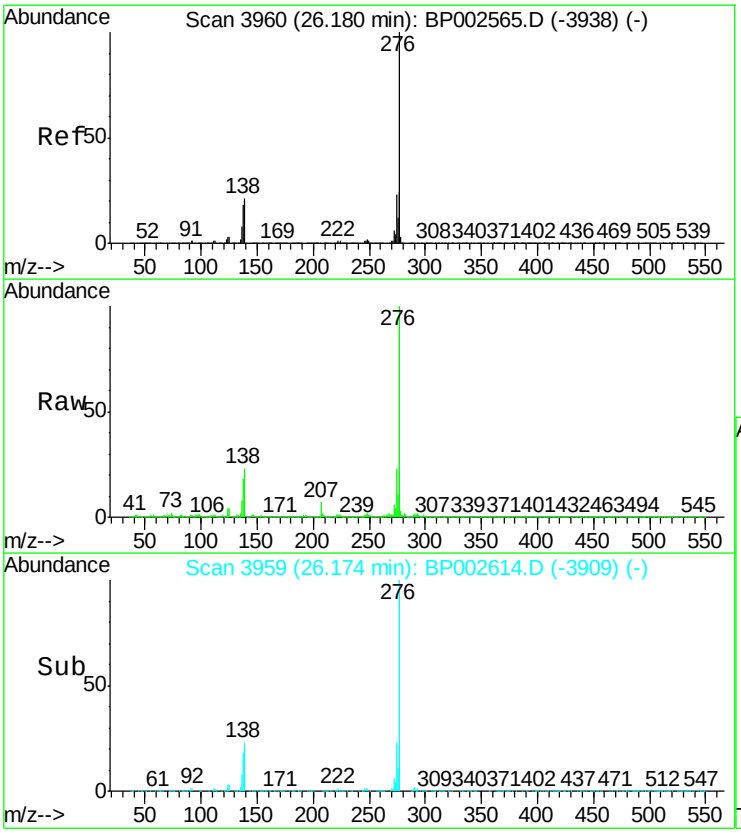
#91
Dibenzo(a,h)anthracene
Concen: 8.329 ng
RT: 25.75 min Scan# 3887
Delta R.T. 0.24 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Instrument :
BNA_P
ClientSampleId :
MH-D19

Tgt Ion:278 Resp: 432029

Ion	Ratio	Lower	Upper
278	100		
139	17.4	12.2	18.2
279	26.3	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 35.064 ng
RT: 26.17 min Scan# 3959
Delta R.T. -0.01 min
Lab File: BP002614.D
Acq: 01 Jul 2020 20:46

Tgt Ion:276 Resp: 1818942

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	23.1	16.9	25.3