Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001665.D
Acq On : 17 Jan 2020 19:34
Operator : JU
Sample : L1017-04 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Jan 18 02:34:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	71031	20.00	ng		0.00
21) Naphthalene-d8	10.41	136	247326	20.00	ng		0.00
39) Acenaphthene-d10	14.28	164	136384	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	240947	20.00	ng		0.00
76) Chrysene-d12	21.15	240	222461	20.00	ng		0.00
87) Perylene-d12	23.38	264	249087	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	155870	42.99	ng		0.00
7) Phenol-d6	6.83	99	227485	39.25	ng		0.00
23) Nitrobenzene-d5	8.78	82	156995	27.74	ng		0.00
42) 2,4,6-Tribromophenol	15.78	330	50567	24.36	ng		-0.01
45) 2-Fluorobiphenyl	12.90	172	280876	30.28	ng		0.00
79) Terphenyl-d14	19.63	244	291136	23.94	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.76	122	16	4.708	ng	#	1
49) Acenaphthylene	14.00	152	33599	2.682	ng		95
52) Acenaphthene	14.35	154	39781	5.128	ng		96
55) Dibenzofuran	14.69	168	80332	6.123	ng		96
56) 4-Nitrophenol	14.68	139	29623	14.750	ng	#	1
58) Fluorene	15.34	166	123534	11.636	ng		100
71) Phenanthrene	17.09	178	755107	57.627	ng		99
72) Anthracene	17.17	178	246637	19.335	ng		98
73) Carbazole	17.45	167	45012	3.758	ng		98
75) Fluoranthene	19.07	202	874638	50.728	ng		99
78) Pyrene	19.43	202	747503	45.742	ng		99
81) Benzo(a)anthracene	21.13	228	448006	28.917	ng		98
83) Chrysene	21.19	228	364108	24.115	ng		96
86) Indeno(1,2,3-cd)pyrene	25.64	276	200937	11.369	ng		98
88) Benzo(b)fluoranthene	22.72	252	463489	29.529	ng	#	97
89) Benzo(k)fluoranthene	22.72	252	463489	30.286	ng	#	98
90) Benzo(a)pyrene	23.29	252	355167	23.832	ng	#	98
91) Dibenzo(a,h)anthracene	25.64	278	54376	3.536	ng	#	86
92) Benzo(g,h,i)perylene	26.33	276	184669	12.081	ng	#	97

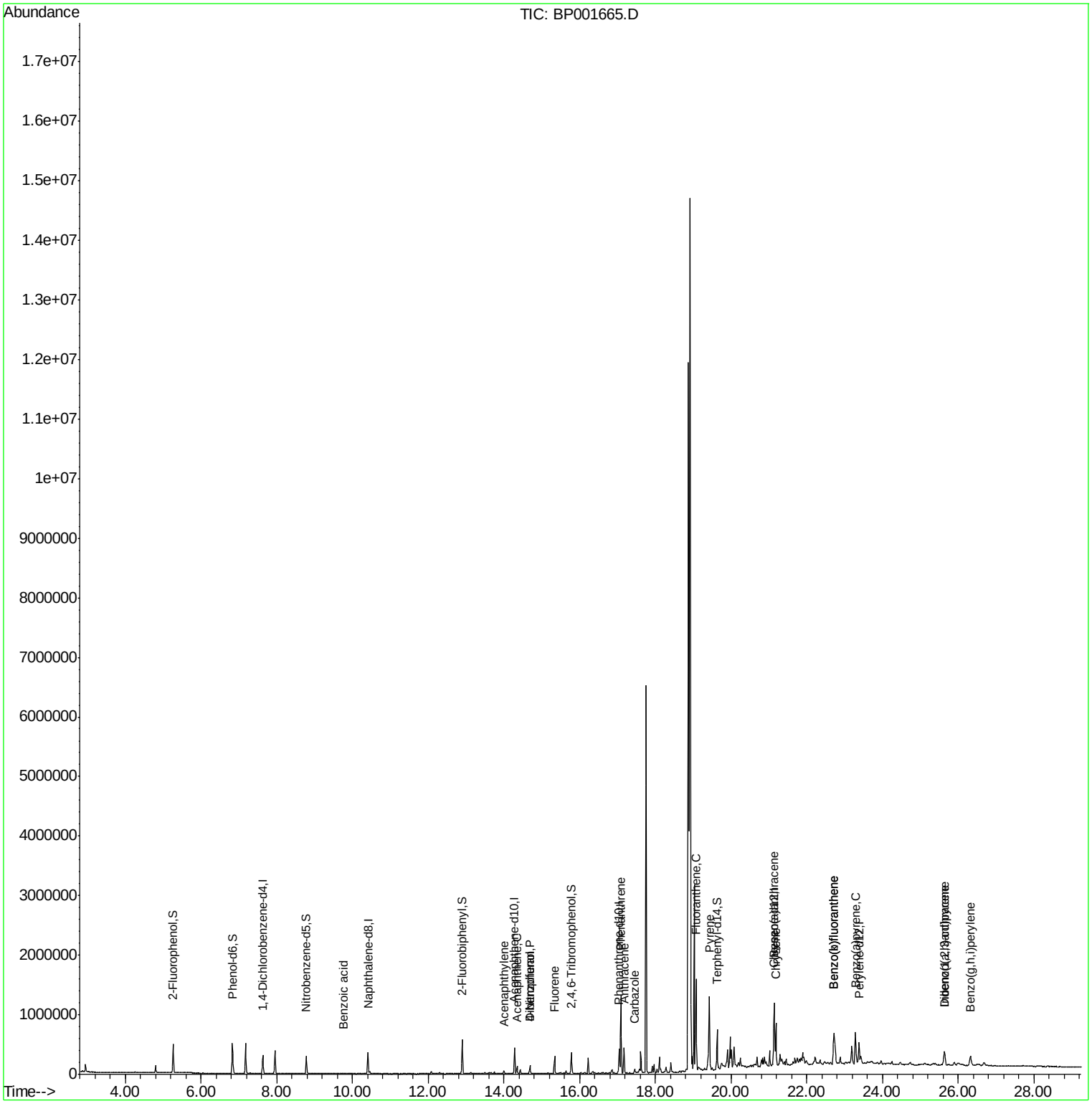
(#) = qualifier out of range (m) = manual integration (+) = signals summed

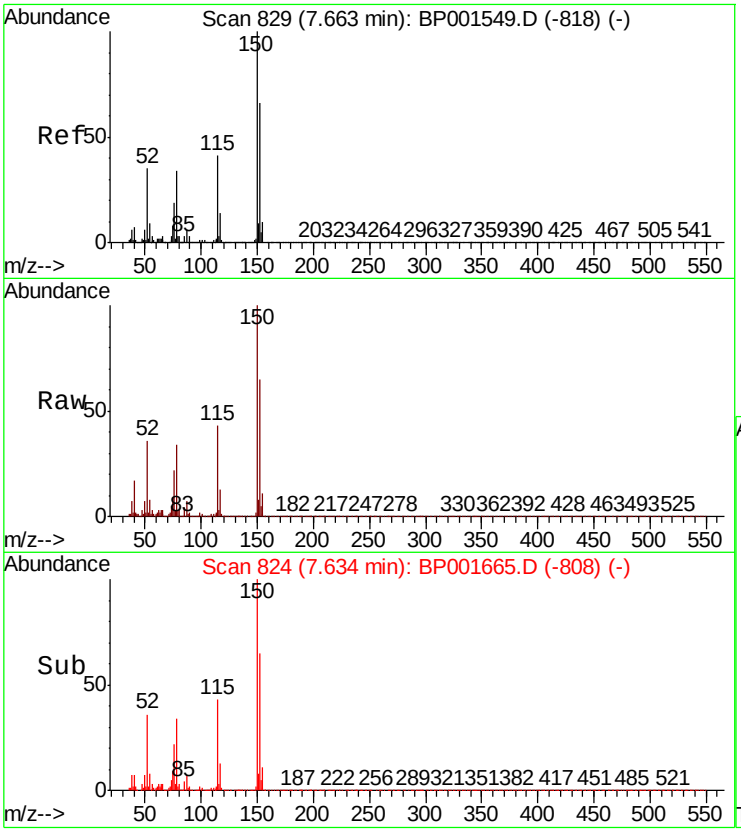
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001665.D
Acq On : 17 Jan 2020 19:34
Operator : JU
Sample : L1017-04 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Jan 18 02:34:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration



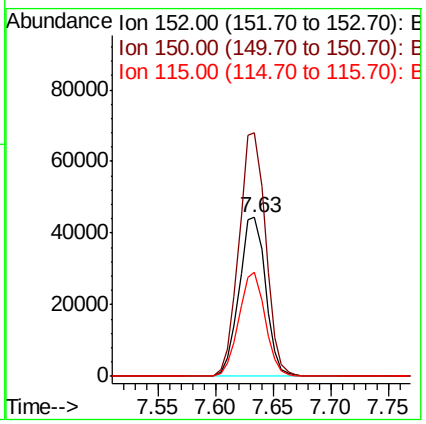


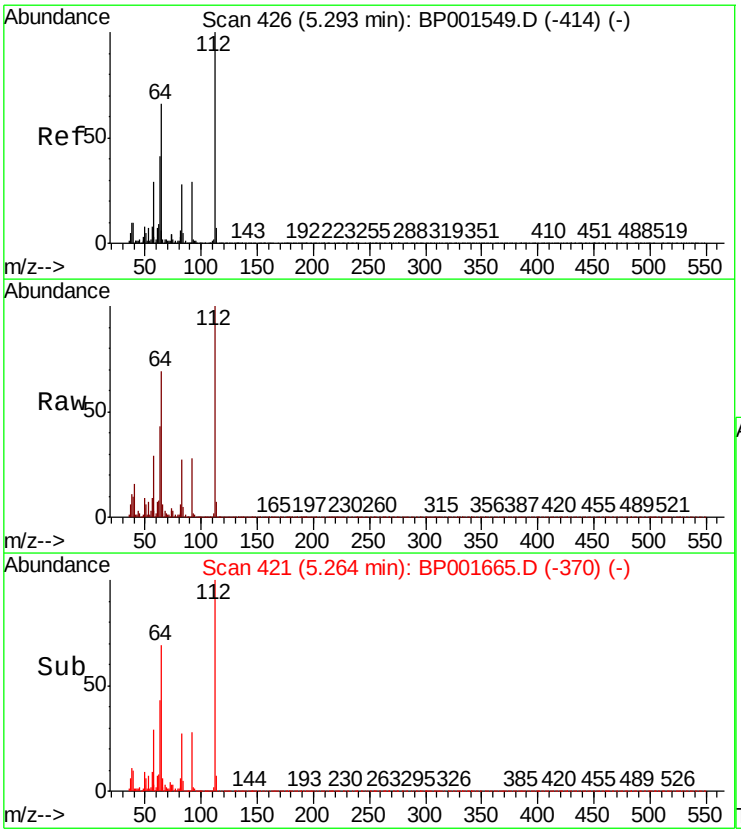
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 71031

Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.0	183.0
115	65.8	50.7	76.1

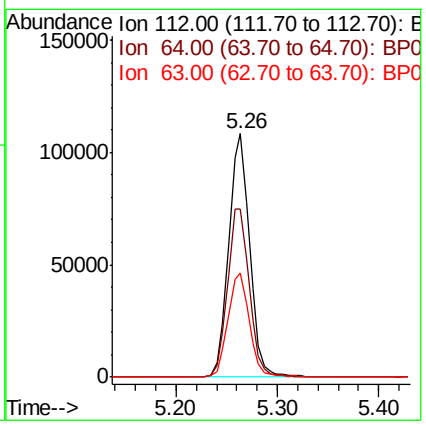


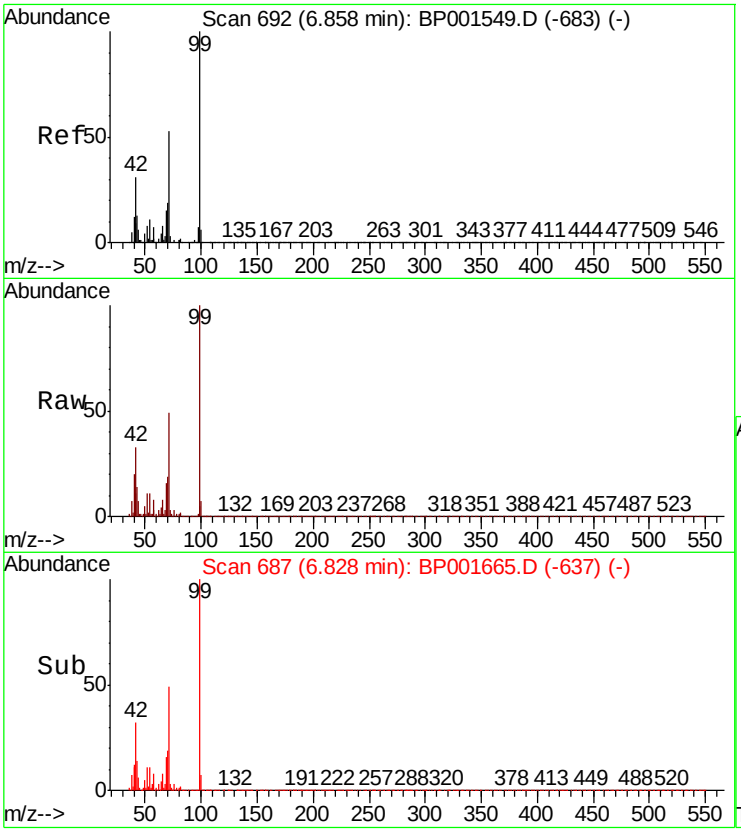


#5
2-Fluorophenol
Concen: 42.986 ng
RT: 5.26 min Scan# 421
Delta R.T. 0.00 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Tgt Ion:112 Resp: 155870

Ion	Ratio	Lower	Upper
112	100		
64	68.9	52.8	79.2
63	42.8	33.1	49.7



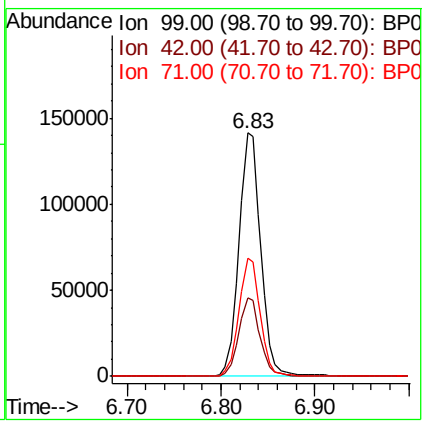


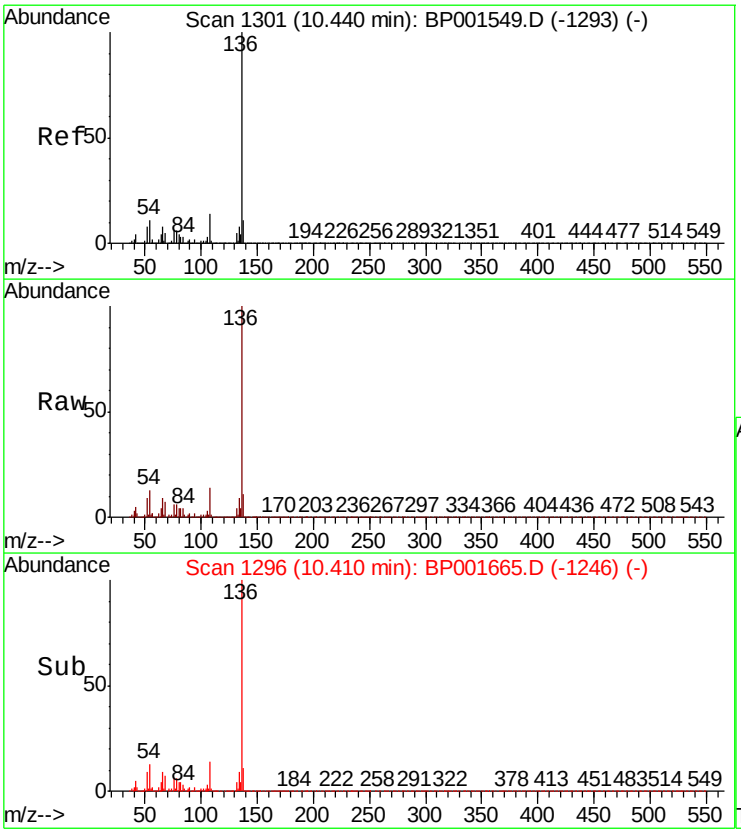
#7
Phenol-d6
Concen: 39.254 ng
RT: 6.83 min Scan# 687
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 227485

Ion	Ratio	Lower	Upper
99	100		
42	32.5	24.5	36.7
71	48.6	42.4	63.6

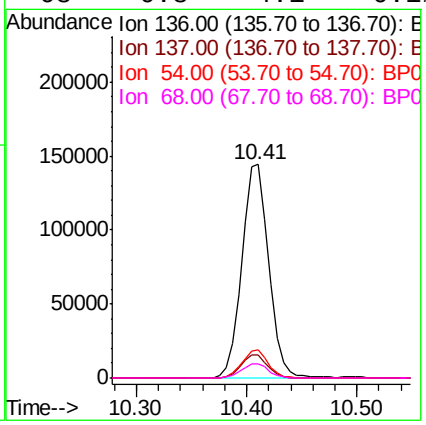


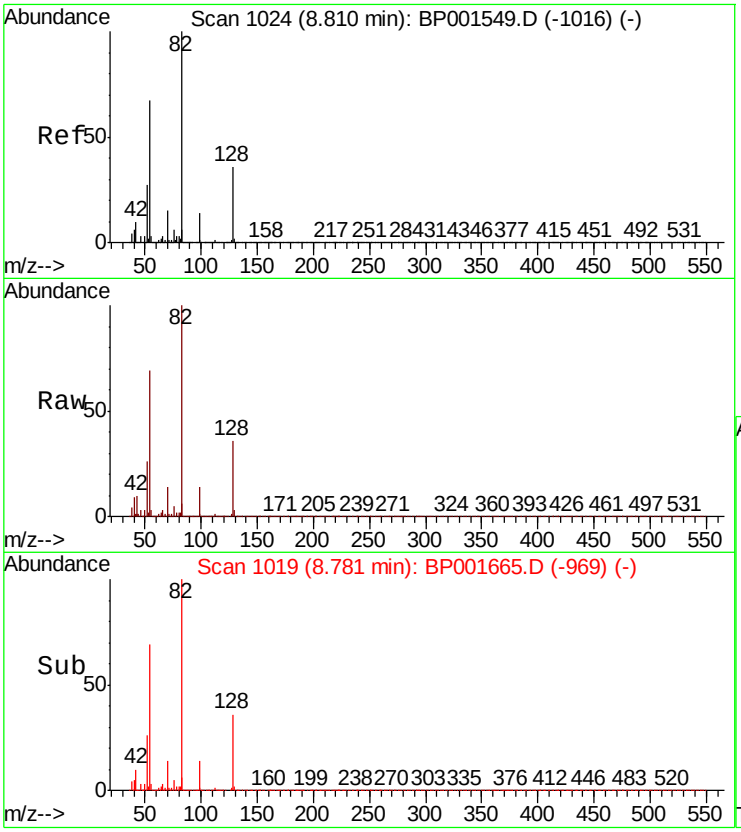


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Tgt Ion:136 Resp: 247326

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	13.1	9.2	13.8
68	6.8	4.1	6.1#

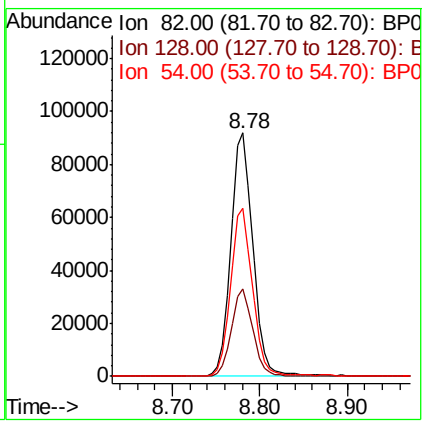




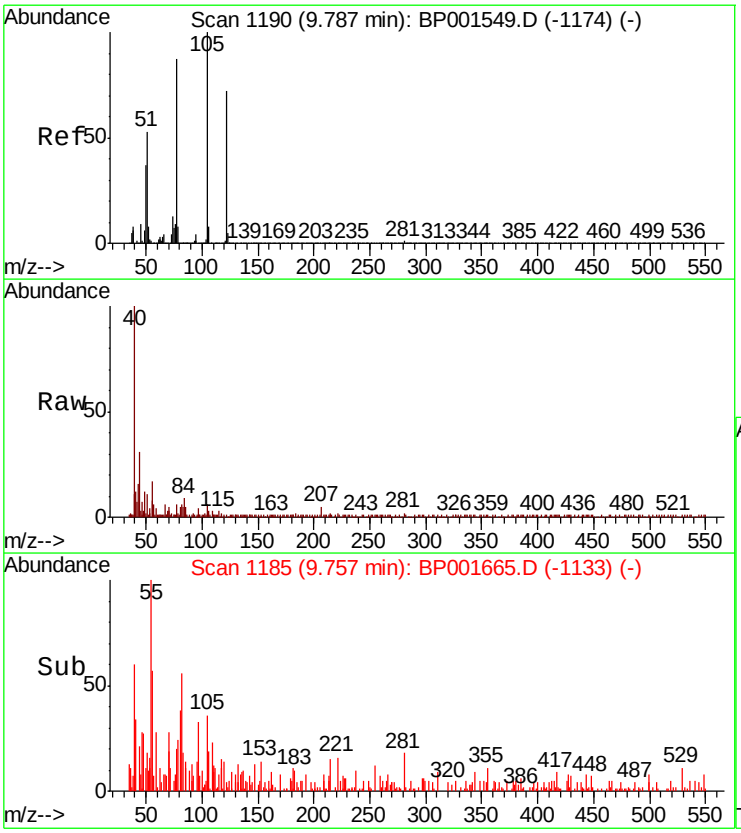
#23
Nitrobenzene-d5
Concen: 27.738 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Tgt Ion: 82 Resp: 156995

Ion	Ratio	Lower	Upper
82	100		
128	35.9	28.4	42.6
54	68.9	53.4	80.2



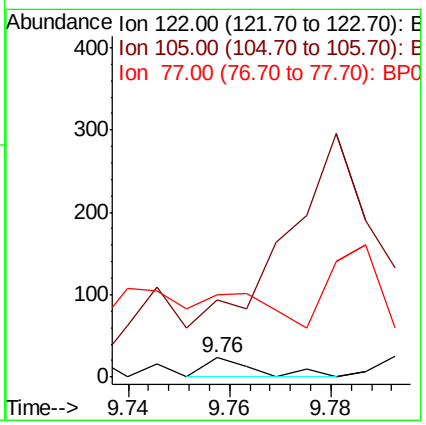
Instrument :
BNA_P
ClientSampleId :

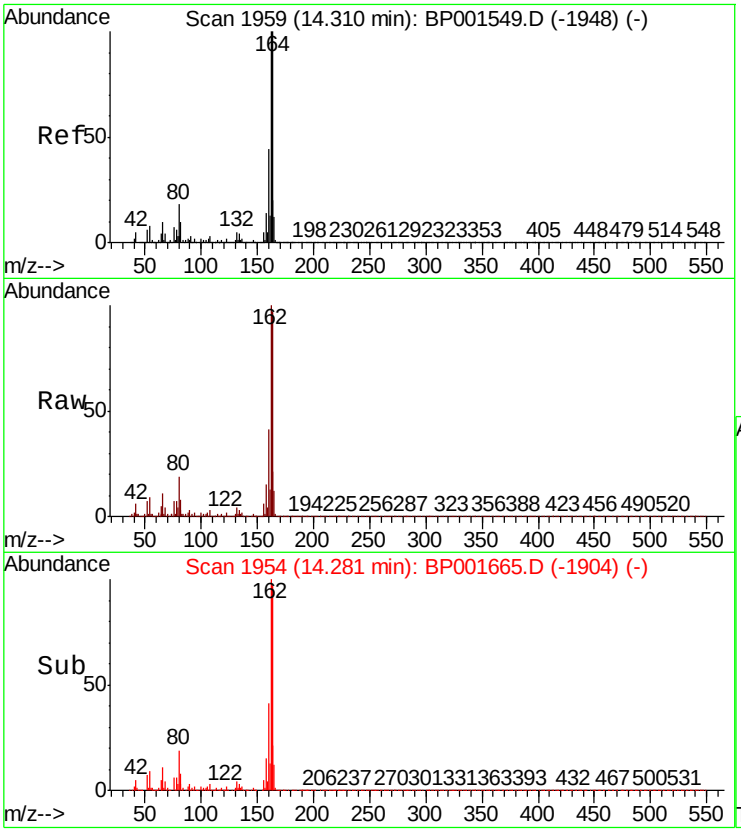


#32
Benzoic acid
Concen: 4.708 ng
RT: 9.76 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Tgt Ion:122 Resp: 16

Ion	Ratio	Lower	Upper
122	100		
105	344.4	119.5	159.5#
77	370.4	102.8	142.8#



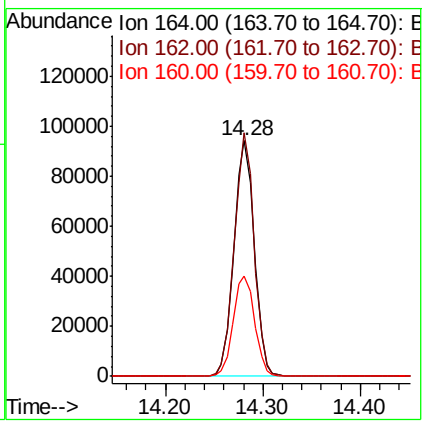


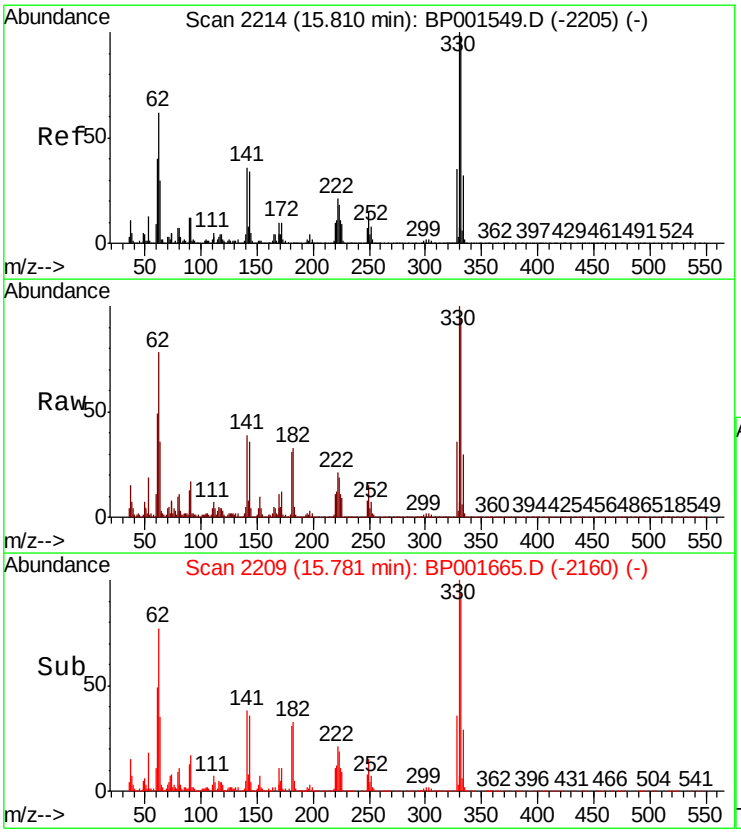
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 136384

Ion	Ratio	Lower	Upper
164	100		
162	103.3	79.8	119.6
160	42.4	35.0	52.6

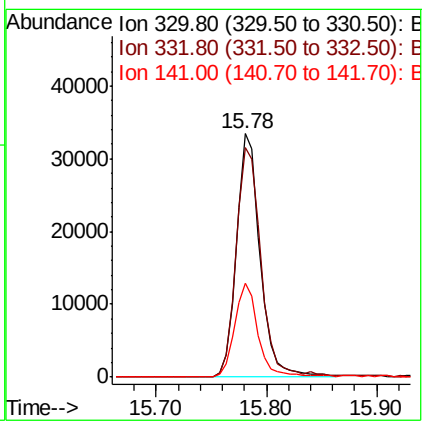


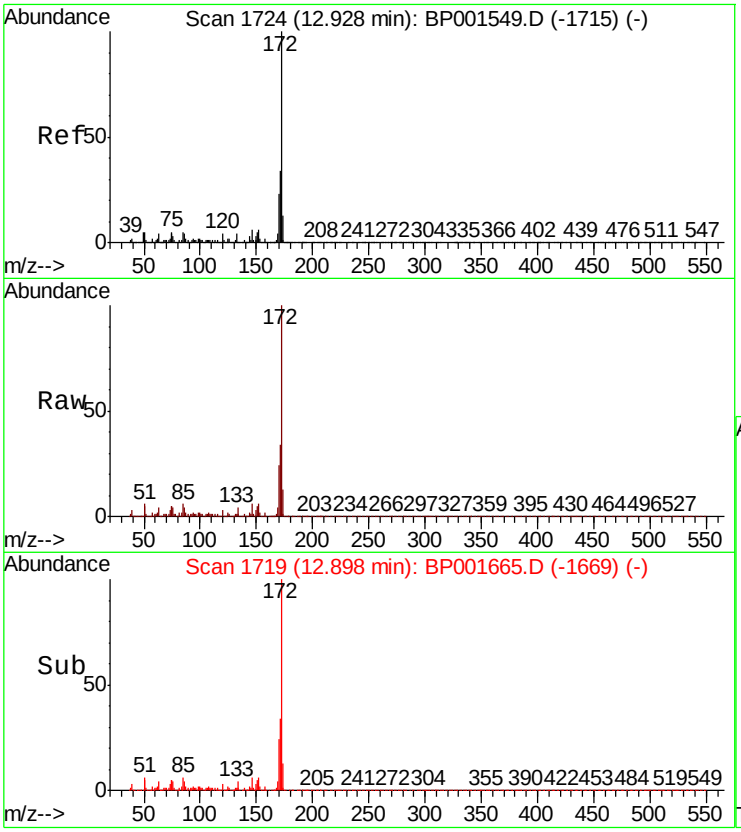


#42
2,4,6-Tribromophenol
Concen: 24.357 ng
RT: 15.78 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Tgt Ion:330 Resp: 50567

Ion	Ratio	Lower	Upper
330	100		
332	99.9	77.8	116.6
141	37.8	28.7	43.1



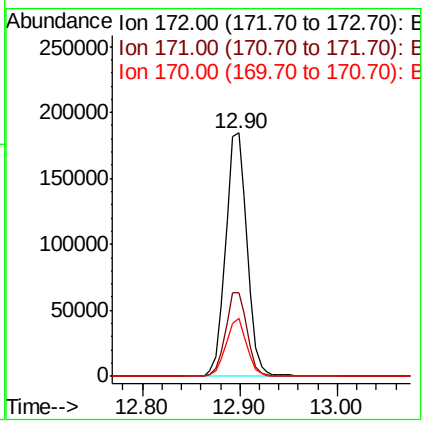


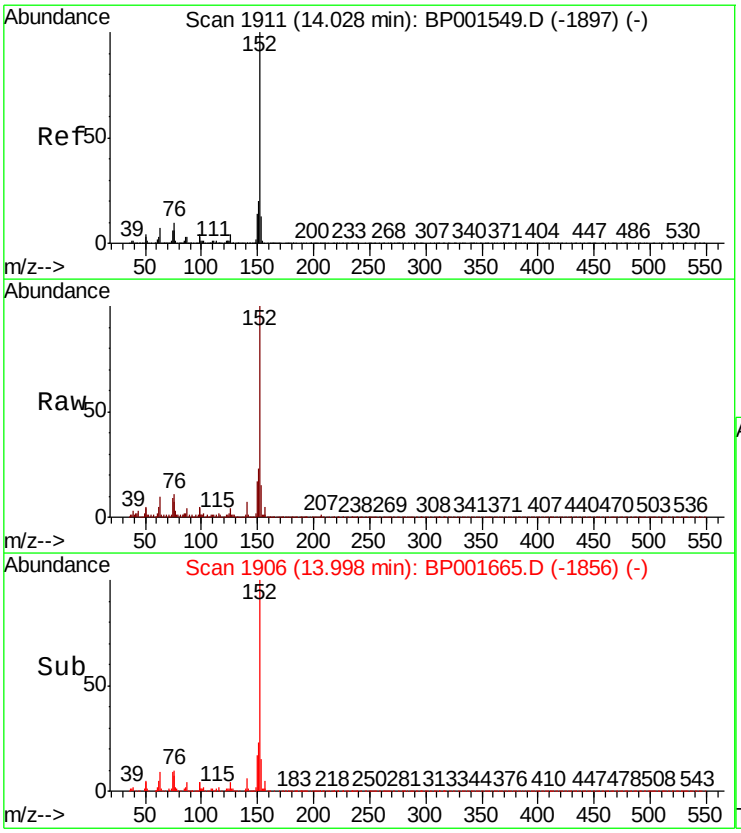
#45
2-Fluorobiphenyl
Concen: 30.280 ng
RT: 12.90 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 280876

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.6	41.4
170	23.9	18.3	27.5

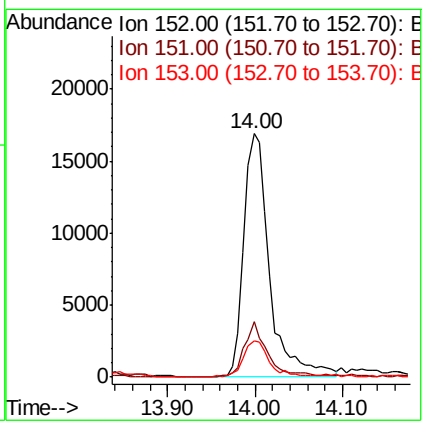


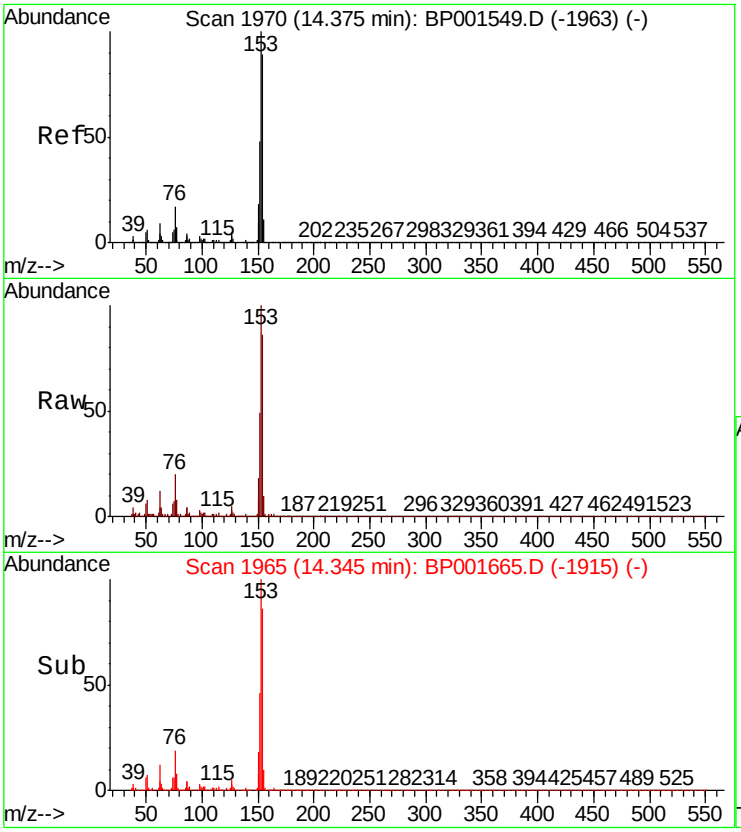


#49
Acenaphthylene
Concen: 2.682 ng
RT: 14.00 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Tgt Ion:152 Resp: 33599

Ion	Ratio	Lower	Upper
152	100		
151	22.6	15.9	23.9
153	14.9	10.4	15.6



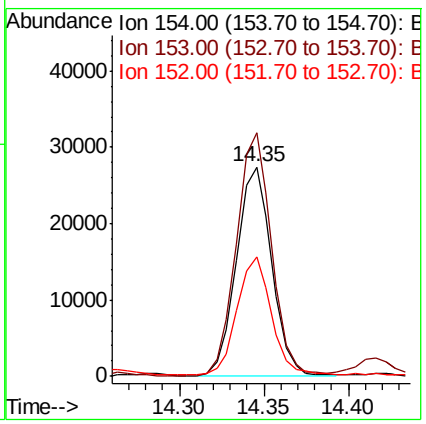


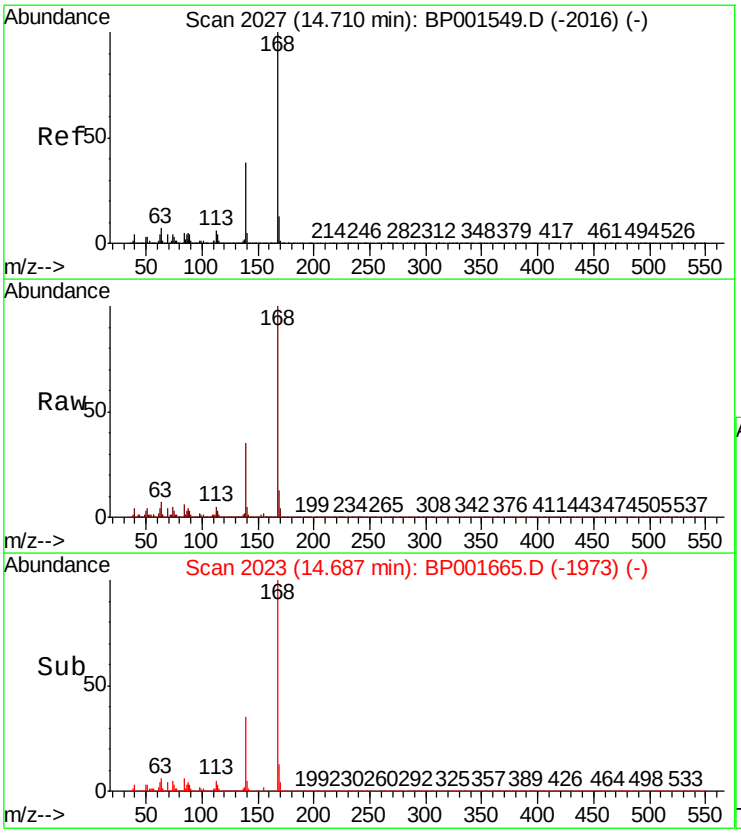
#52
Acenaphthene
Concen: 5.128 ng
RT: 14.35 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:154 Resp: 39781

Ion	Ratio	Lower	Upper
154	100		
153	116.3	89.4	134.2
152	56.8	42.6	64.0

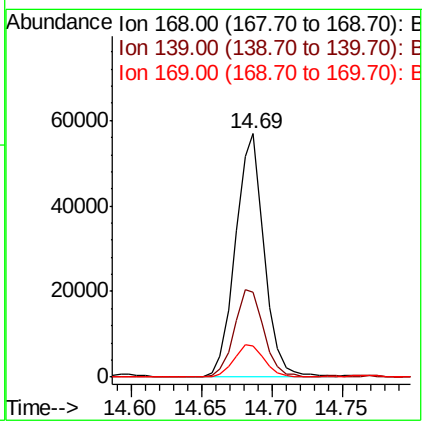


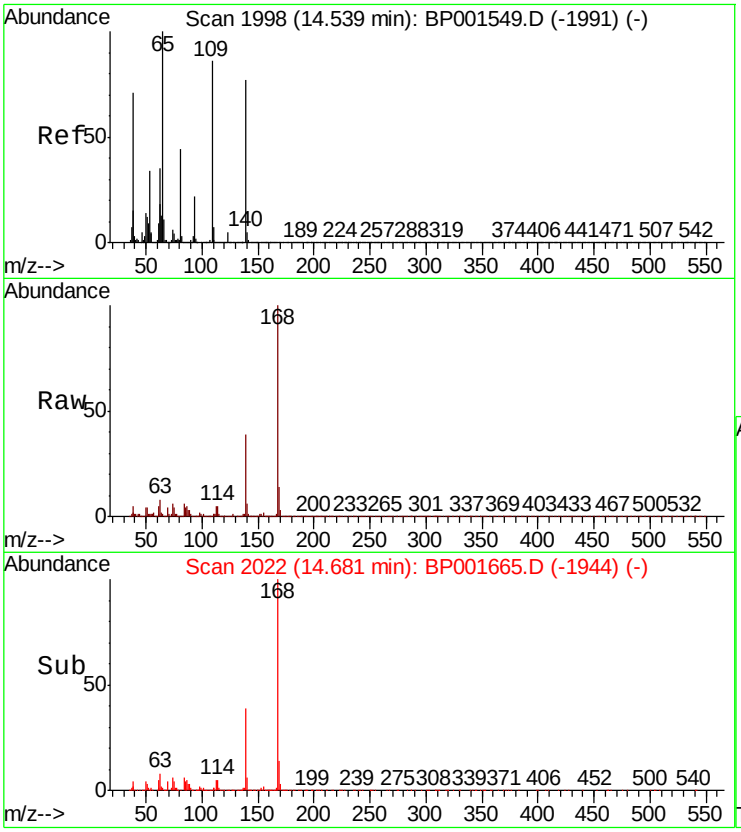


#55
Dibenzofuran
Concen: 6.123 ng
RT: 14.69 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Tgt Ion:168 Resp: 80332

Ion	Ratio	Lower	Upper
168	100		
139	35.1	30.2	45.4
169	12.6	10.6	16.0



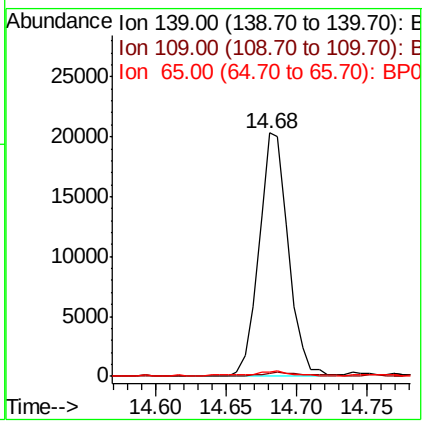


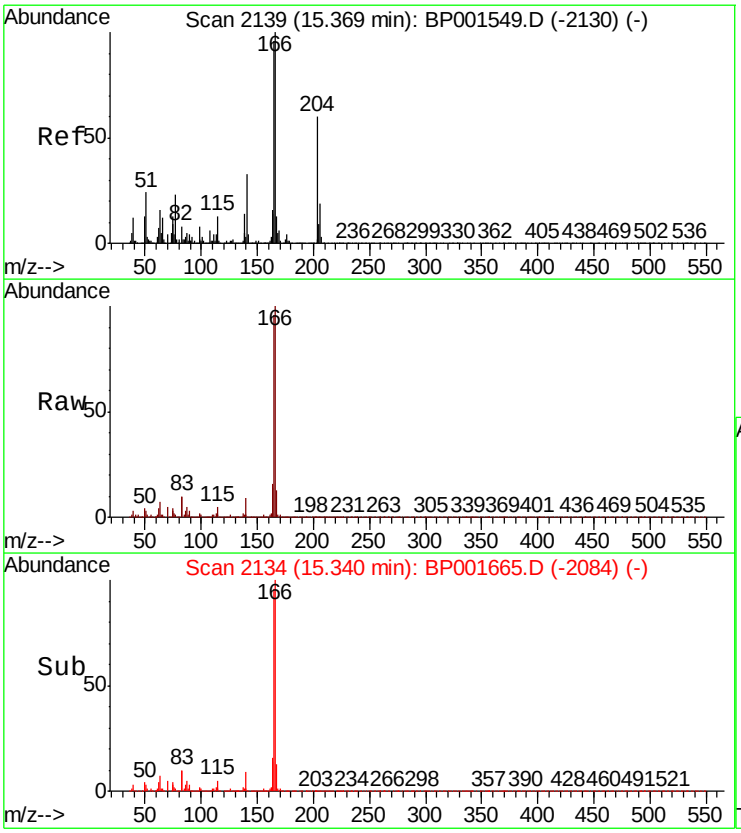
#56
4-Nitrophenol
Concen: 14.750 ng
RT: 14.68 min Scan# 2022
Delta R.T. 0.16 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:139 Resp: 29623

Ion	Ratio	Lower	Upper
139	100		
109	1.2	92.7	132.7#
65	1.7	111.1	151.1#

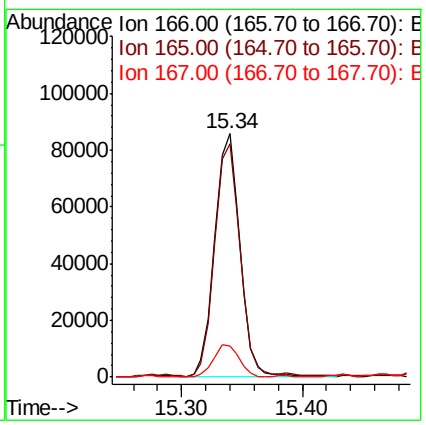


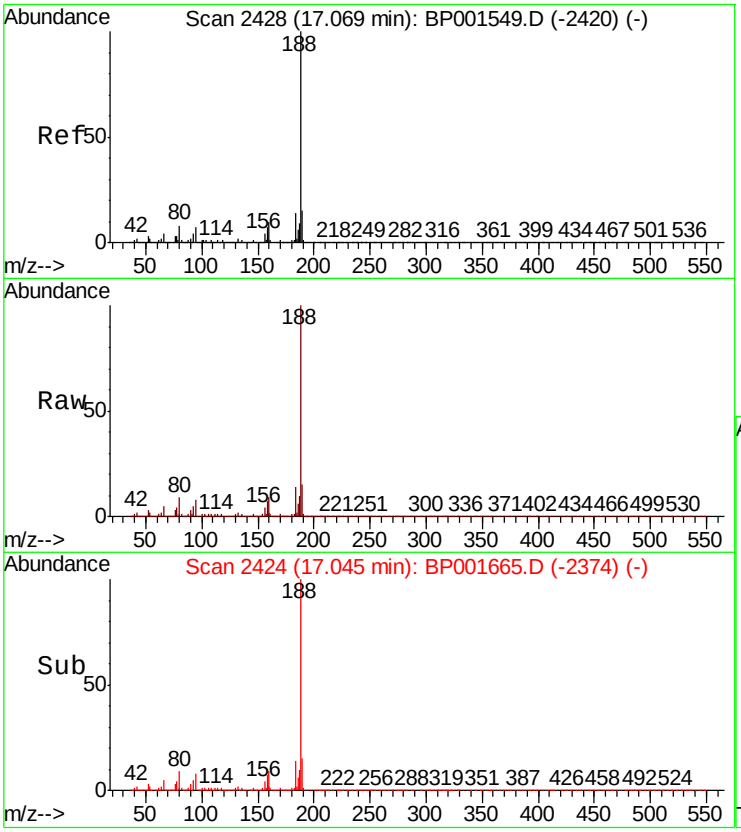


#58
Fluorene
Concen: 11.636 ng
RT: 15.34 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Tgt Ion:166 Resp: 123534

Ion	Ratio	Lower	Upper
166	100		
165	95.8	76.9	115.3
167	12.9	10.3	15.5



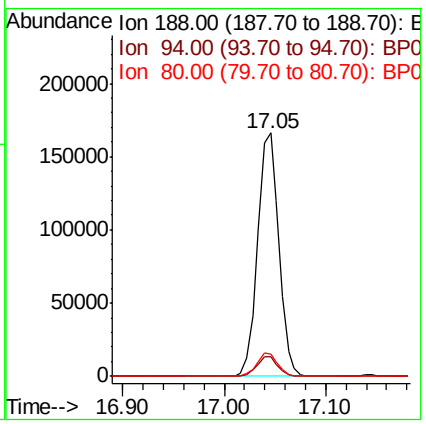


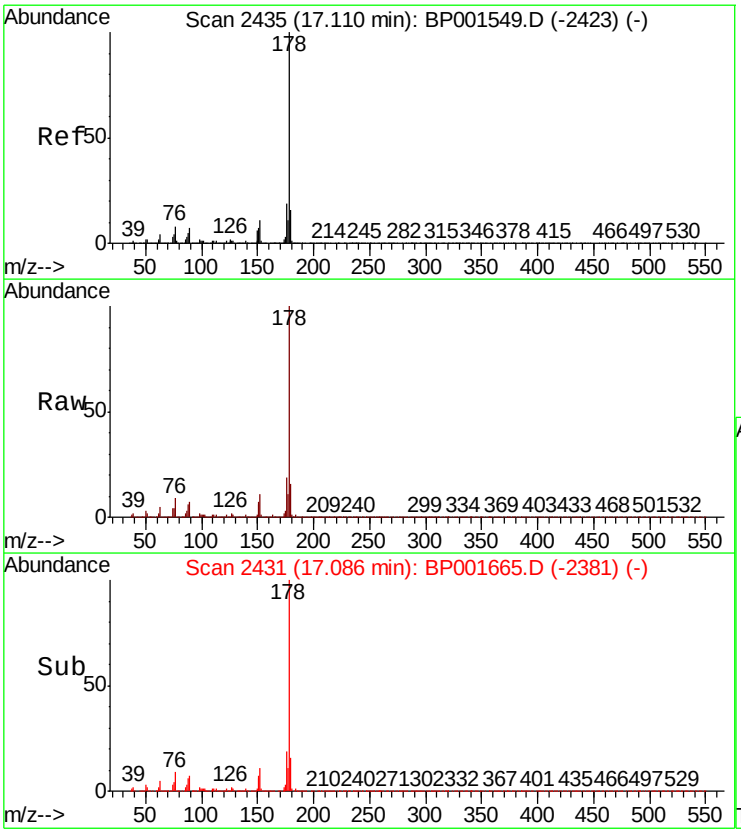
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 240947

Ion	Ratio	Lower	Upper
188	100		
94	8.3	5.9	8.9
80	9.0	6.8	10.2

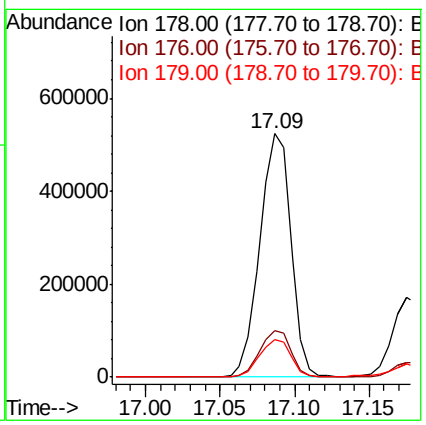


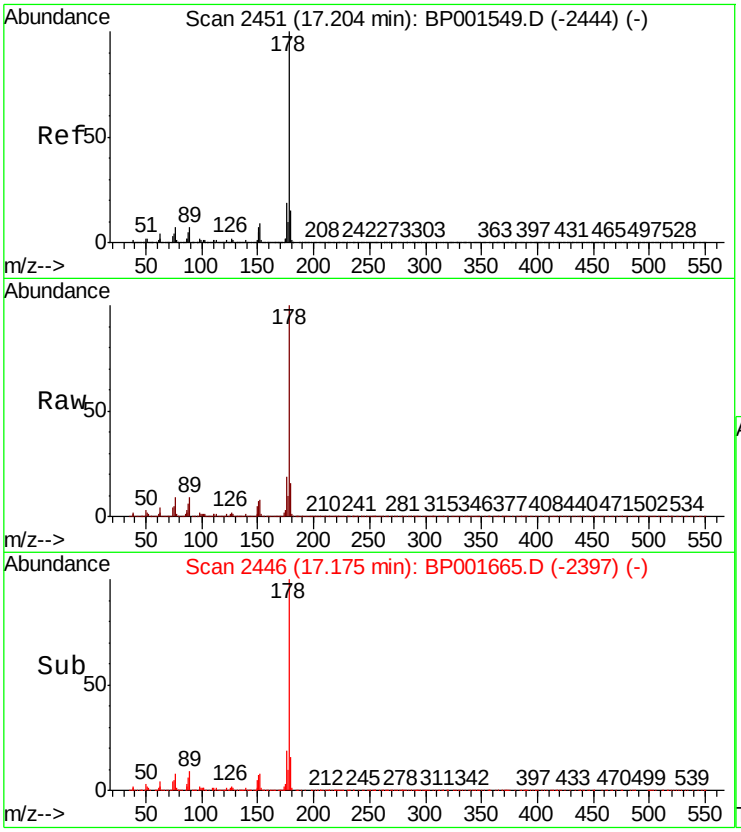


#71
Phenanthrene
Concen: 57.627 ng
RT: 17.09 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Tgt Ion:178 Resp: 755107

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.9	22.3
179	15.7	12.5	18.7



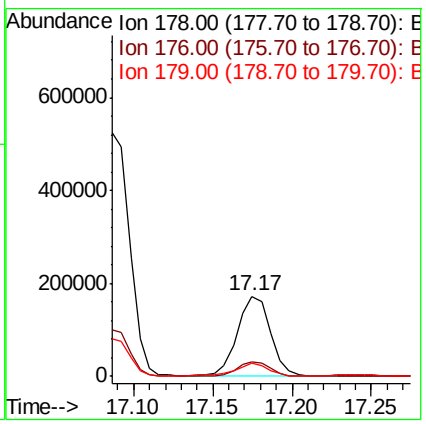


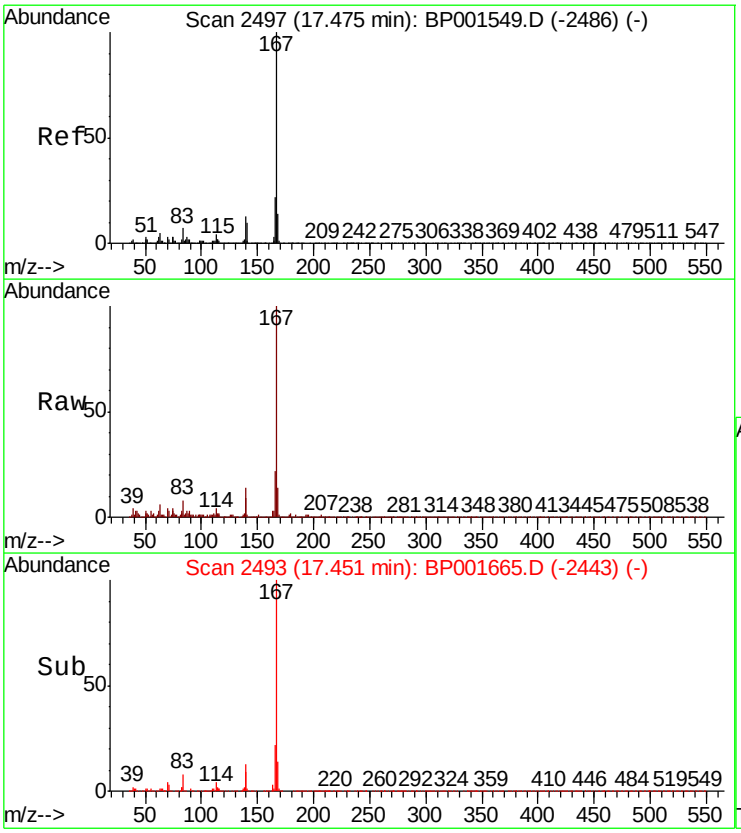
#72
Anthracene
Concen: 19.335 ng
RT: 17.17 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 246637

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.9	11.8	17.8

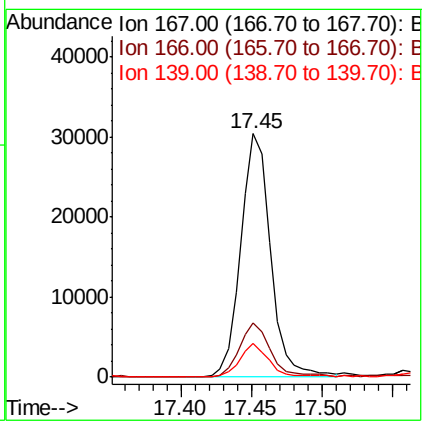


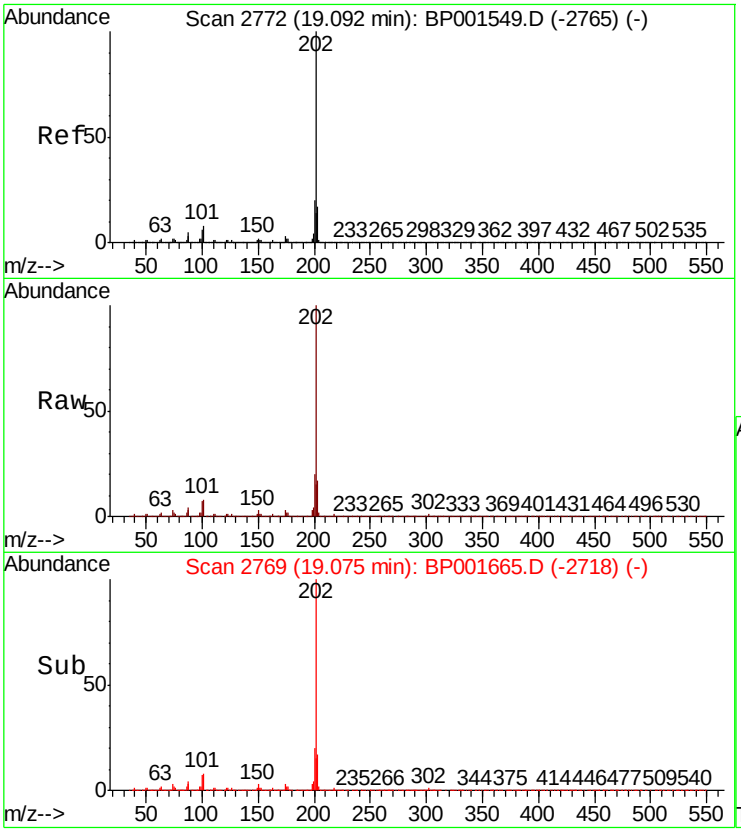


#73
Carbazole
Concen: 3.758 ng
RT: 17.45 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Tgt Ion:167 Resp: 45012

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.2	25.8
139	13.6	10.0	15.0



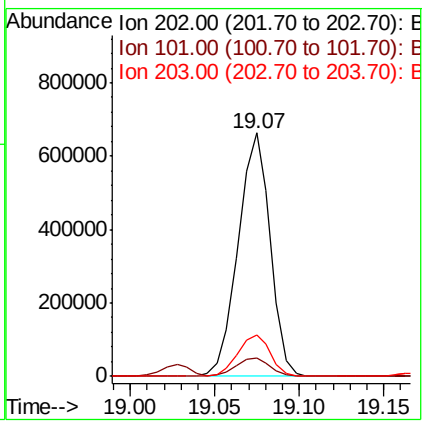


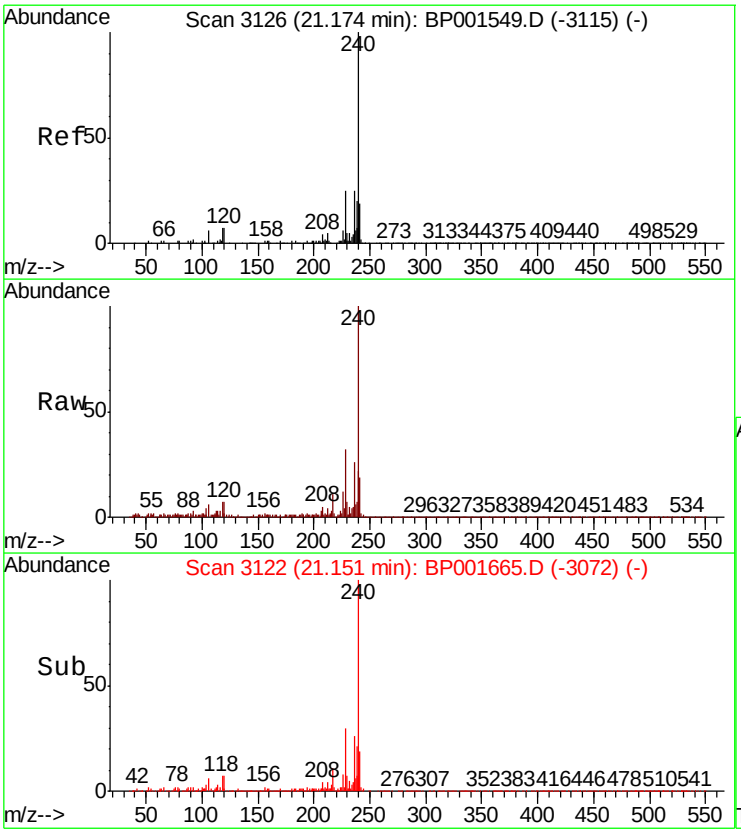
#75
Fluoranthene
Concen: 50.728 ng
RT: 19.07 min Scan# 2769
Delta R.T. 0.00 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 874638

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	28.4
203	17.2	0.0	37.4

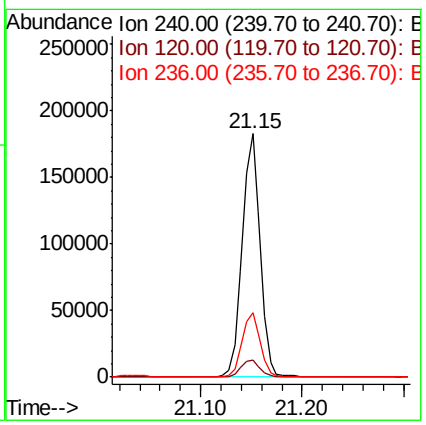


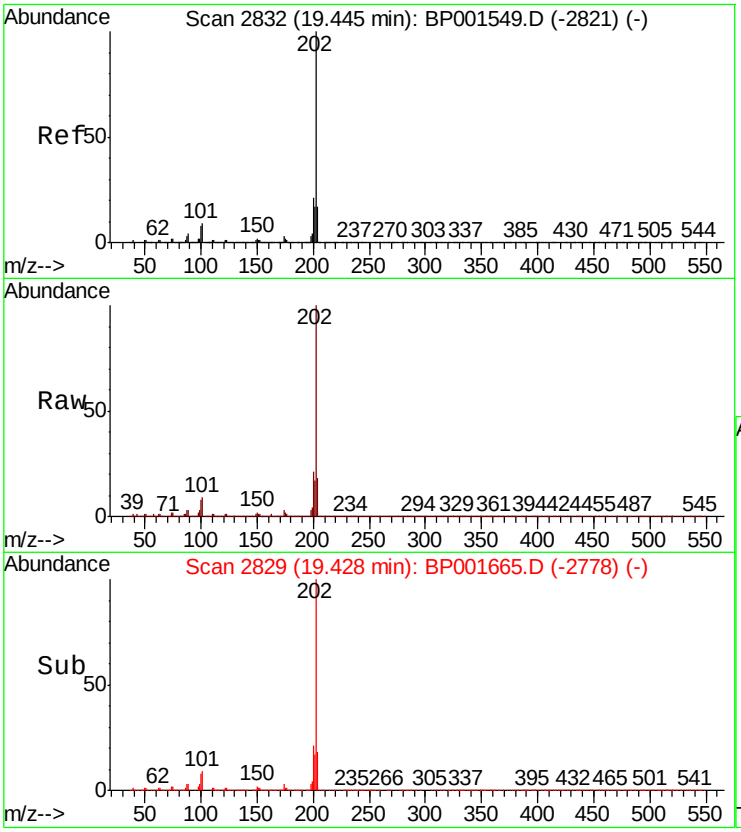


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Tgt Ion:240 Resp: 222461

Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.7	8.5
236	26.4	20.4	30.6



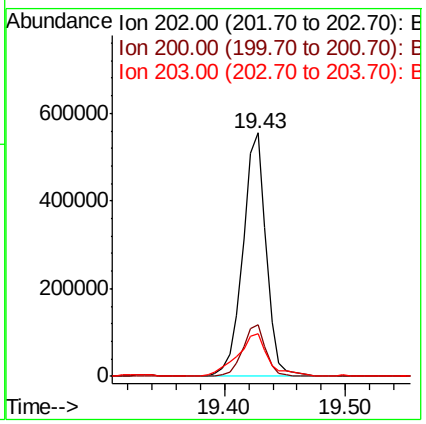


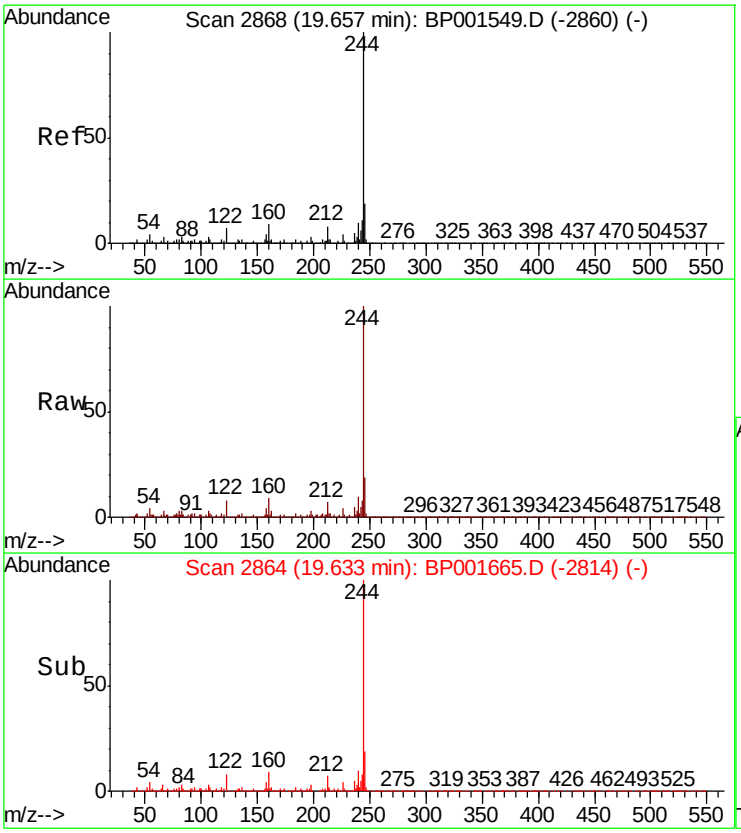
#78
Pyrene
Concen: 45.742 ng
RT: 19.43 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 747503

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	17.7	13.7	20.5

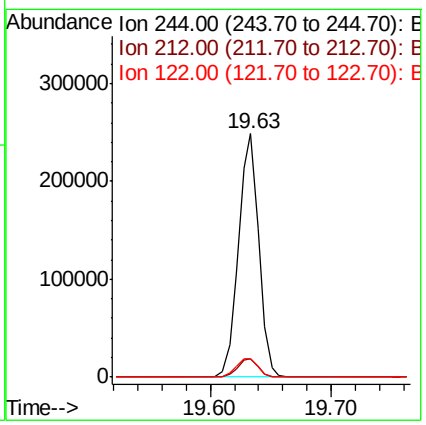


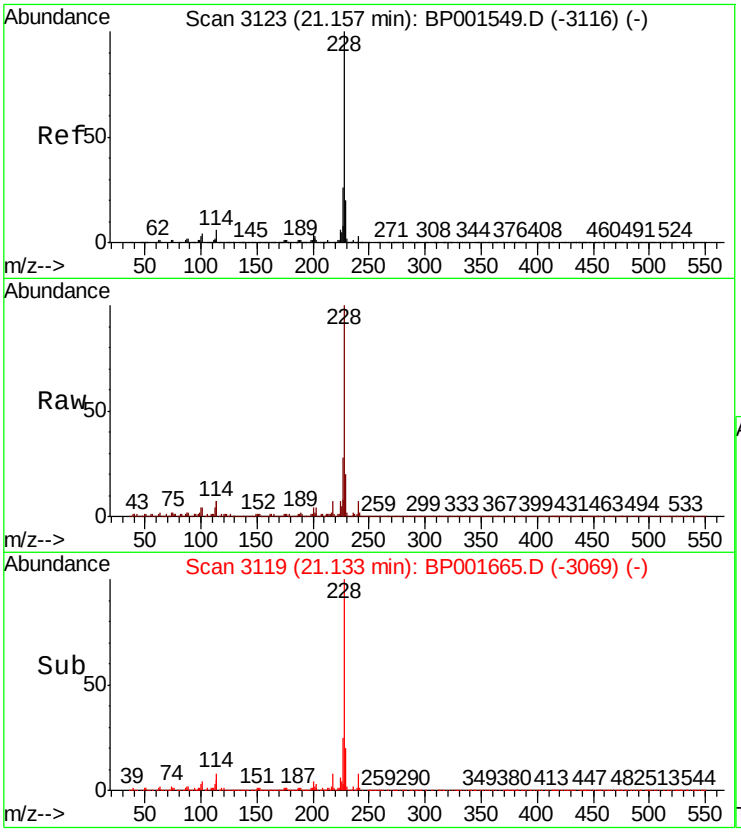


#79
Terphenyl-d14
Concen: 23.937 ng
RT: 19.63 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Tgt Ion:244 Resp: 291136

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	7.6	5.8	8.6



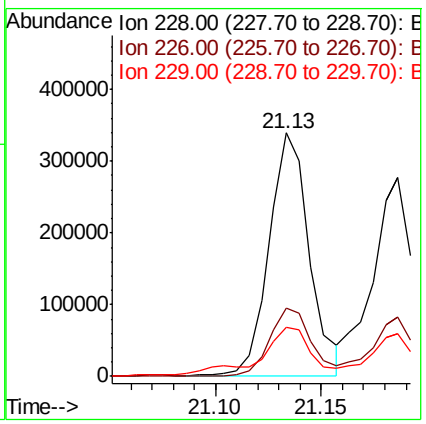


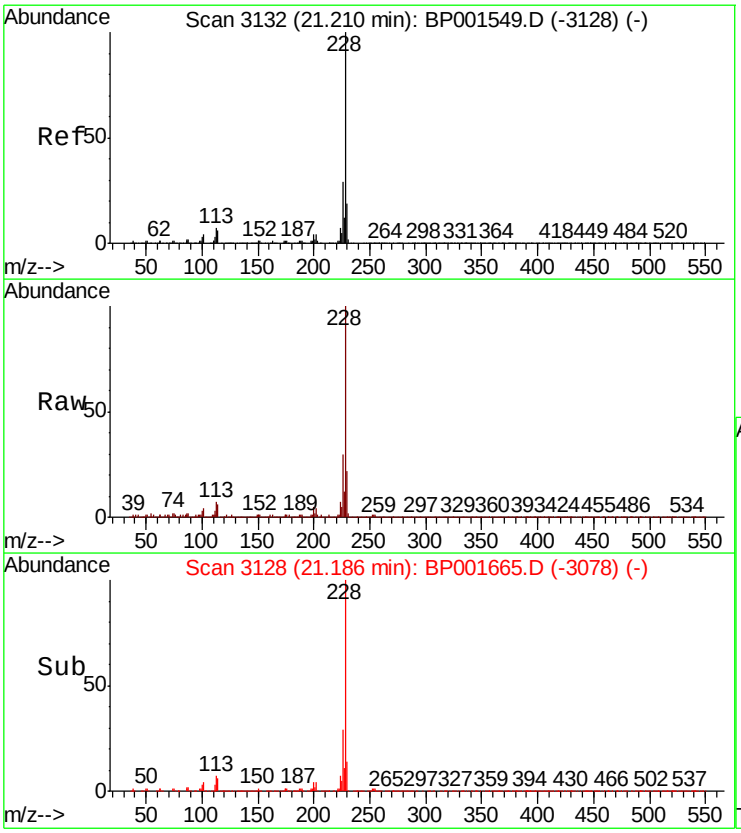
#81
Benzo(a)anthracene
Concen: 28.917 ng
RT: 21.13 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 448006

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.2	31.8
229	20.2	16.1	24.1

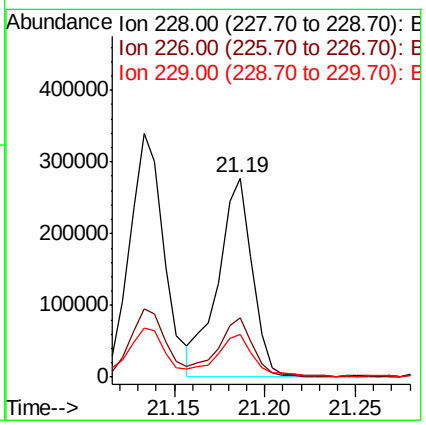


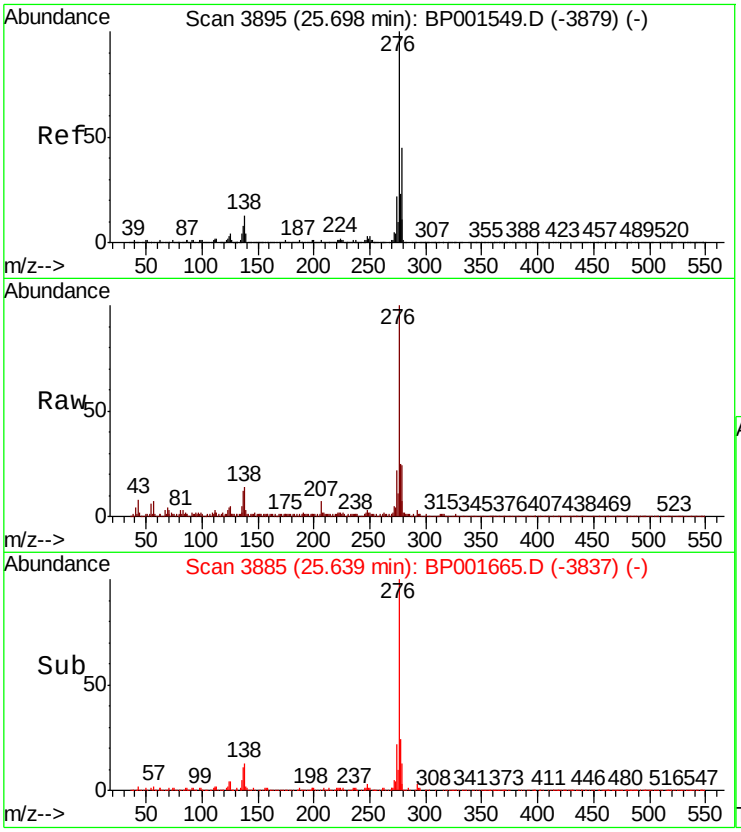


#83
Chrysene
Concen: 24.115 ng
RT: 21.19 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Tgt Ion:228 Resp: 364108

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.2	34.8
229	21.7	15.2	22.8



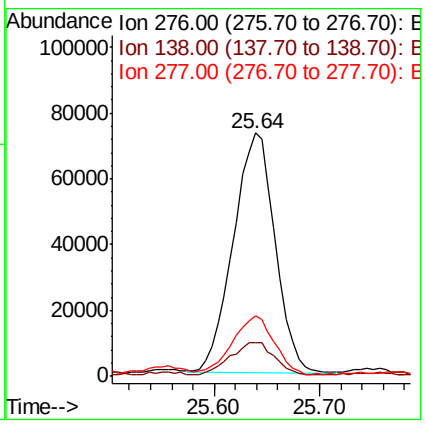


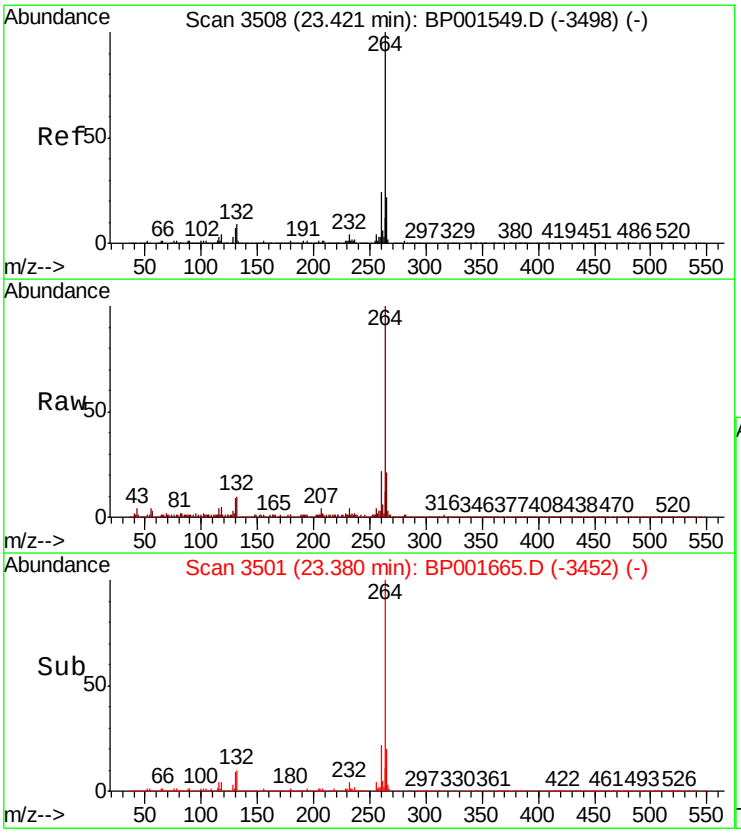
#86
Indeno(1,2,3-cd)pyrene
Concen: 11.369 ng
RT: 25.64 min Scan# 3885
Delta R.T. -0.02 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 200937

Ion	Ratio	Lower	Upper
276	100		
138	14.4	11.1	16.7
277	23.9	20.4	30.6

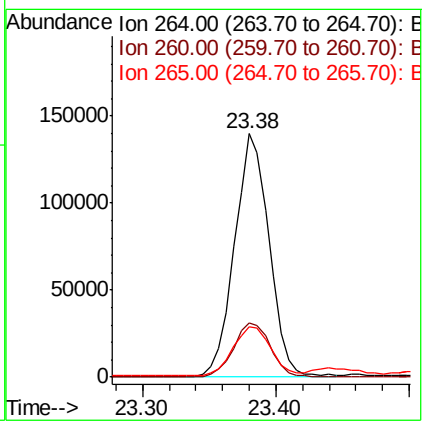


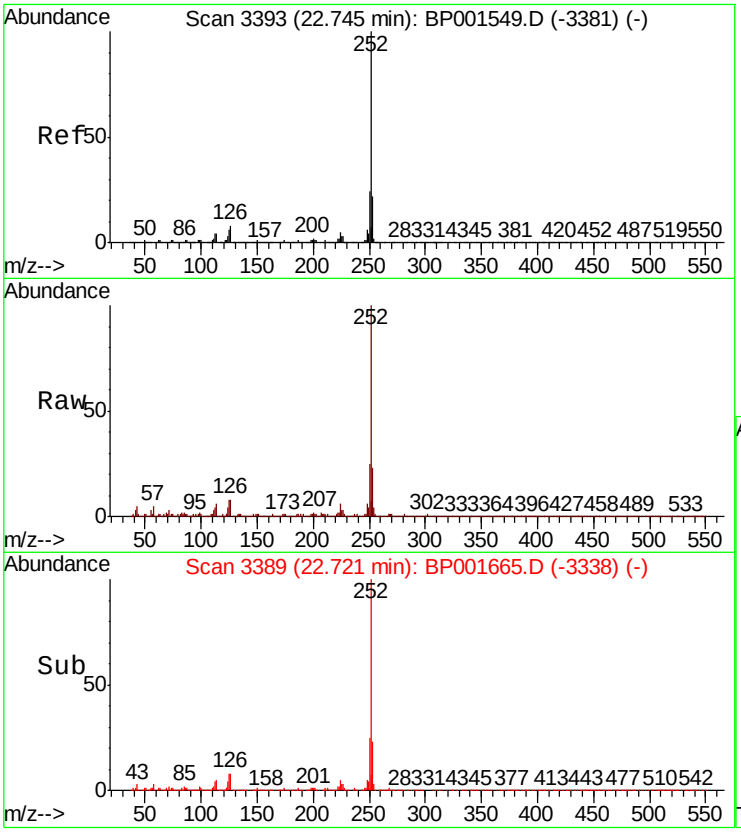


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Tgt Ion:264 Resp: 249087

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.0	28.6
265	20.7	18.2	27.4



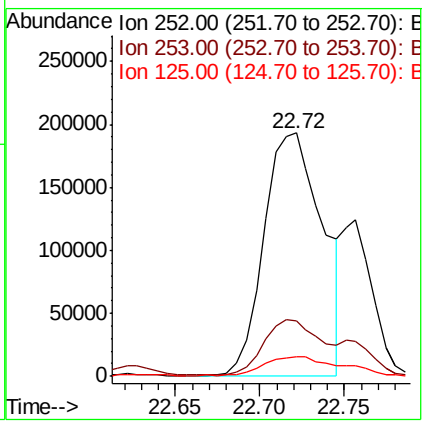


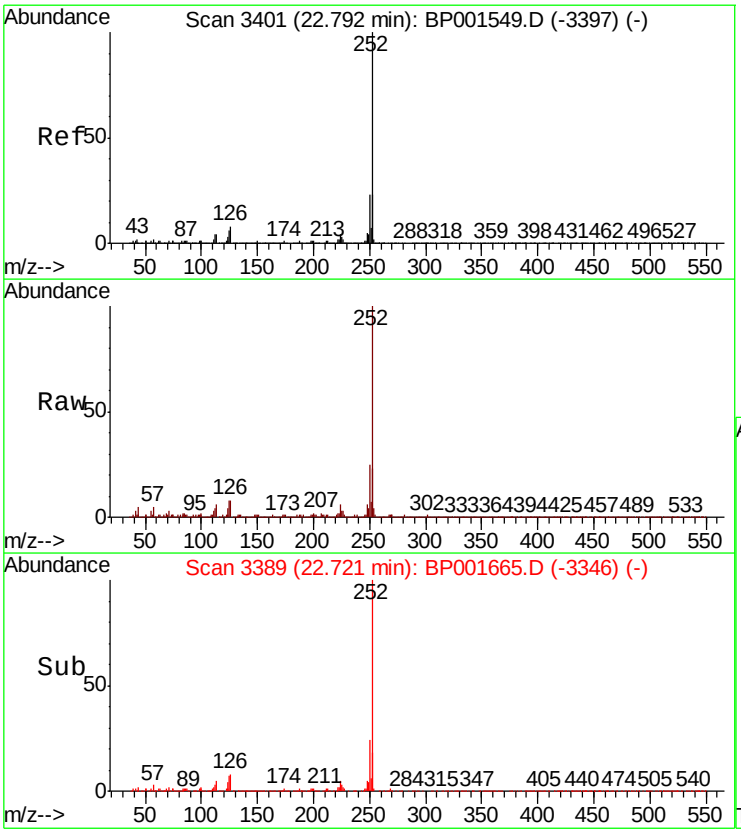
#88
Benzo(b)fluoranthene
Concen: 29.529 ng
RT: 22.72 min Scan# 3389
Delta R.T. 0.00 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 463489

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	7.9	4.6	7.0#

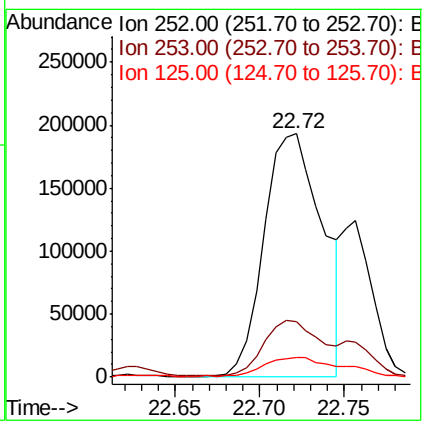


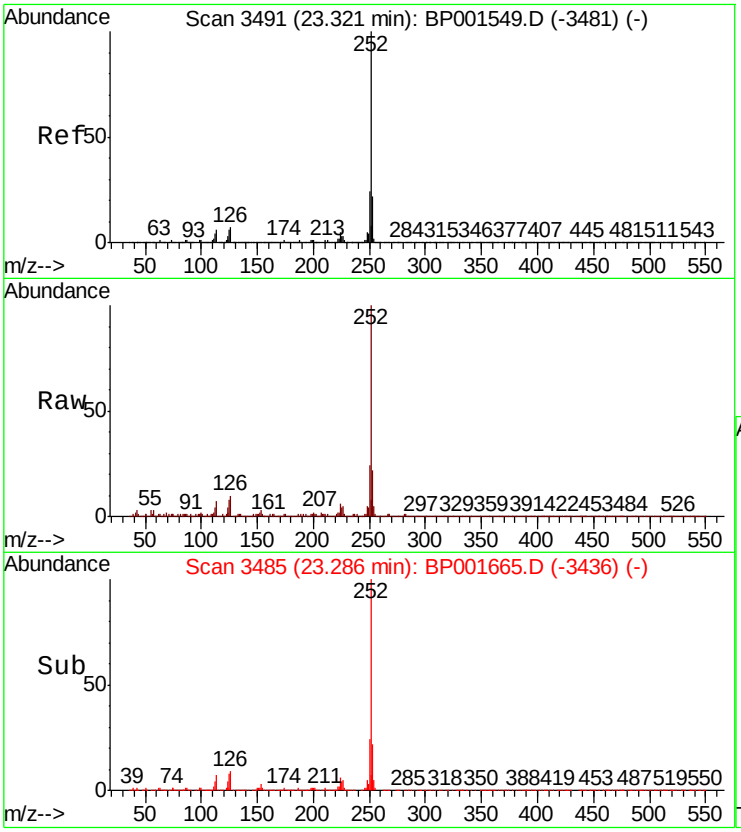


#89
Benzo(k)fluoranthene
Concen: 30.286 ng
RT: 22.72 min Scan# 3389
Delta R.T. -0.05 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Tgt Ion:252 Resp: 463489

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	7.9	4.6	6.8#



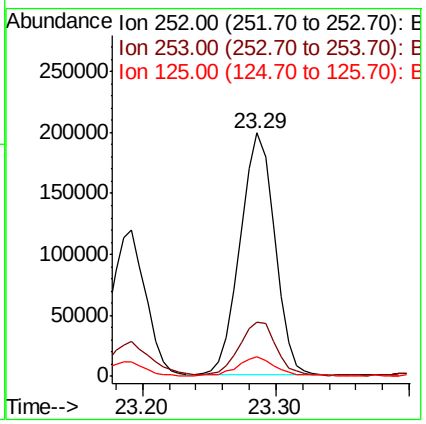


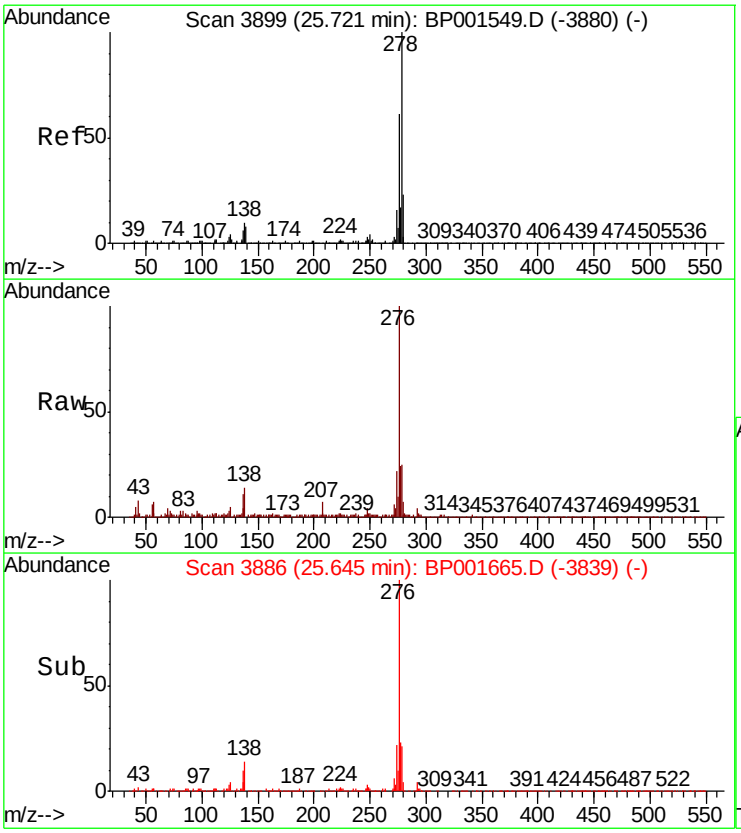
#90
Benzo(a)pyrene
Concen: 23.832 ng
RT: 23.29 min Scan# 3485
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 355167

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	8.1	5.0	7.4#

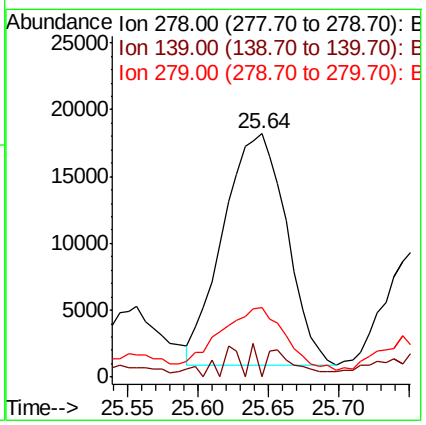


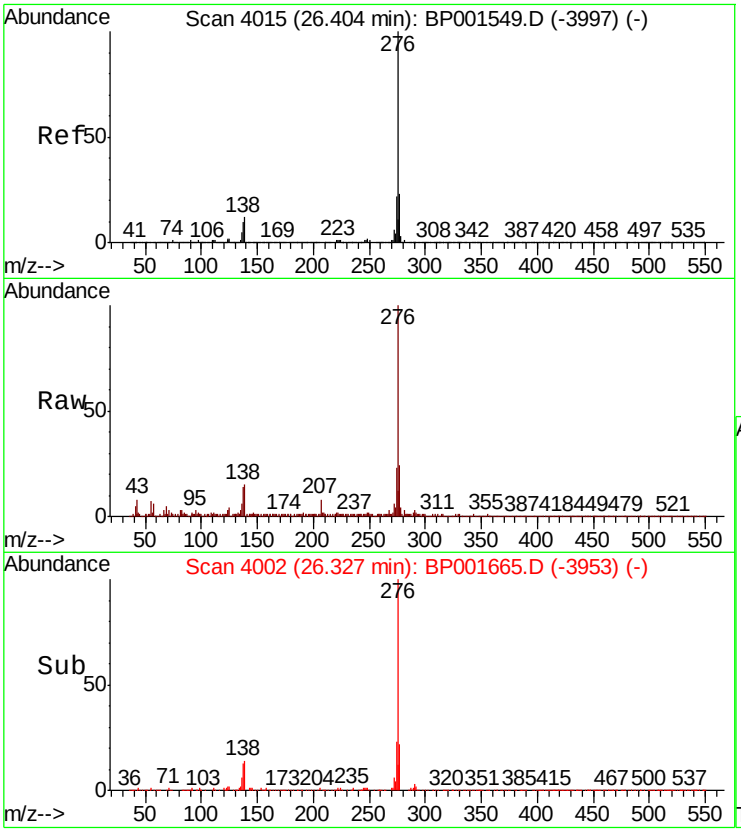


#91
Dibenzo(a,h)anthracene
Concen: 3.536 ng
RT: 25.64 min Scan# 3886
Delta R.T. -0.02 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Tgt Ion:278 Resp: 54376

Ion	Ratio	Lower	Upper
278	100		
139	0.0	6.7	10.1#
279	28.5	18.6	28.0#





#92
Benzo(g,h,i)perylene
Concen: 12.081 ng
RT: 26.33 min Scan# 4002
Delta R.T. -0.01 min
Lab File: BP001665.D
Acq: 17 Jan 2020 19:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 184669

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	14.9	9.4	14.2#