Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001656.D
Acq On : 17 Jan 2020 14:31
Operator : JU
Sample : L1148-04 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Jan 18 02:32:03 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	42007	20.00	ng		-0.01
21) Naphthalene-d8	10.41	136	167554	20.00	ng		0.00
39) Acenaphthene-d10	14.28	164	117058	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	262423	20.00	ng		0.00
76) Chrysene-d12	21.15	240	210605	20.00	ng		0.00
87) Perylene-d12	23.38	264	178046	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	45606	21.27	ng		0.00
7) Phenol-d6	6.83	99	70882	20.68	ng		0.00
23) Nitrobenzene-d5	8.78	82	52335	13.65	ng		-0.01
42) 2,4,6-Tribromophenol	15.78	330	28880	16.21	ng		-0.01
45) 2-Fluorobiphenyl	12.89	172	87084	10.94	ng		-0.01
79) Terphenyl-d14	19.63	244	137724	11.96	ng		-0.01
Target Compounds							Qvalue
3) Pyridine	3.59	79	5384	2.177	ng	#	35
31) Naphthalene	10.46	128	419805	47.473	ng		99
32) Benzoic acid	9.75	122	92	4.745	ng	#	1
33) 4-Chloroaniline	10.46	127	56455	13.866	ng	#	31
37) 2-Methylnaphthalene	12.08	142	62434	8.859	ng		97
38) 1-Methylnaphthalene	12.30	142	59621	8.791	ng		95
49) Acenaphthylene	14.00	152	90217	8.391	ng		98
52) Acenaphthene	14.35	154	19851	2.981	ng		98
55) Dibenzofuran	14.68	168	25560	2.270	ng	#	92
58) Fluorene	15.34	166	61897	6.793	ng		99
71) Phenanthrene	17.09	178	332954	23.330	ng		100
72) Anthracene	17.17	178	92144	6.632	ng		99
75) Fluoranthene	19.07	202	395974	21.086	ng		99
78) Pyrene	19.42	202	559983	36.196	ng		98
81) Benzo(a)anthracene	21.13	228	230988	15.748	ng		97
83) Chrysene	21.19	228	218970	15.319	ng		97
86) Indeno(1,2,3-cd)pyrene	25.63	276	67725	4.048	ng		97
88) Benzo(b)fluoranthene	22.72	252	215598	19.216	ng	#	96
89) Benzo(k)fluoranthene	22.72	252	215598	19.709	ng	#	97
90) Benzo(a)pyrene	23.28	252	139781	13.122	ng	#	97
92) Benzo(g,h,i)perylene	26.32	276	73030	6.684	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
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Acq On : 17 Jan 2020 14:31
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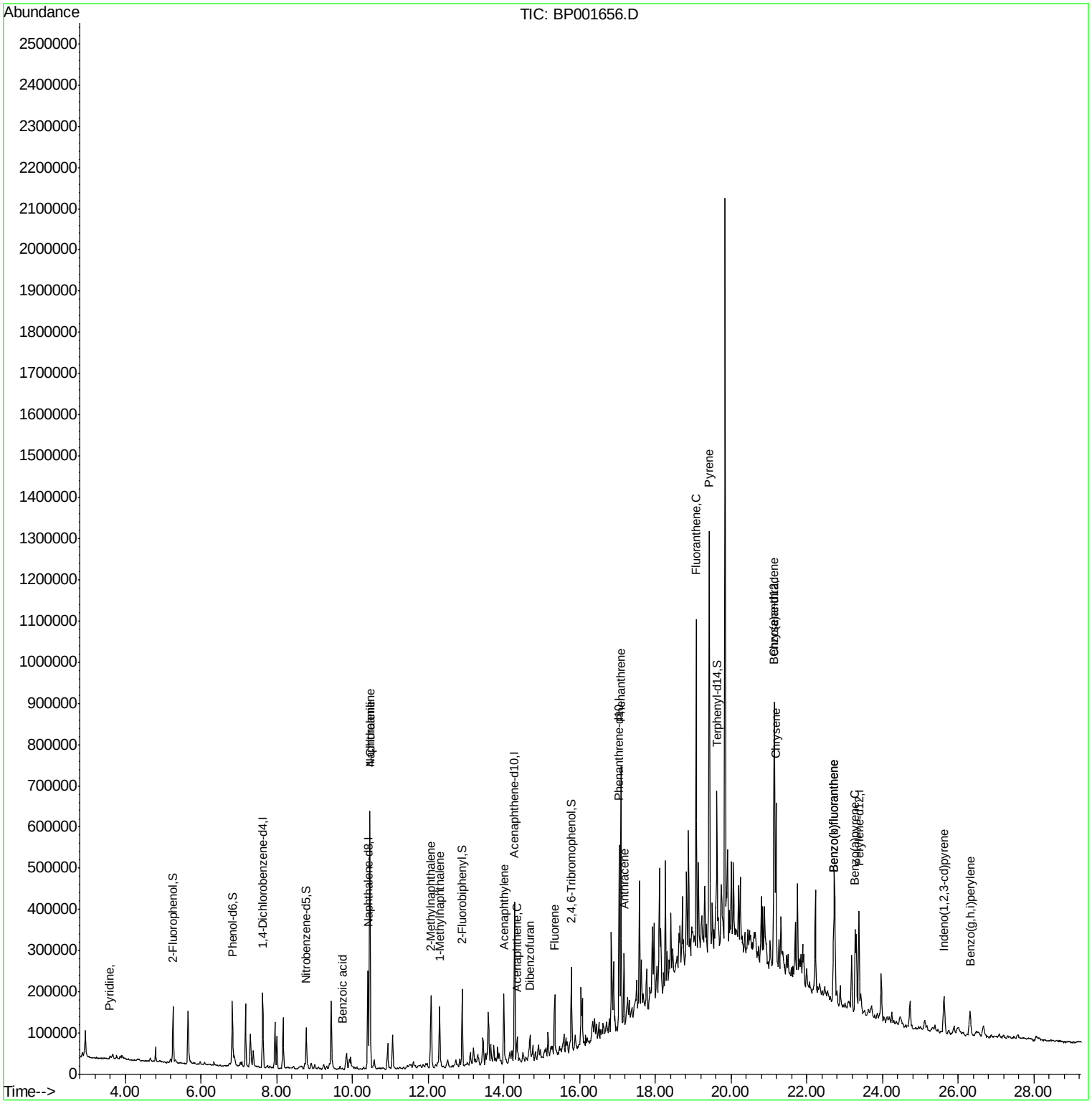
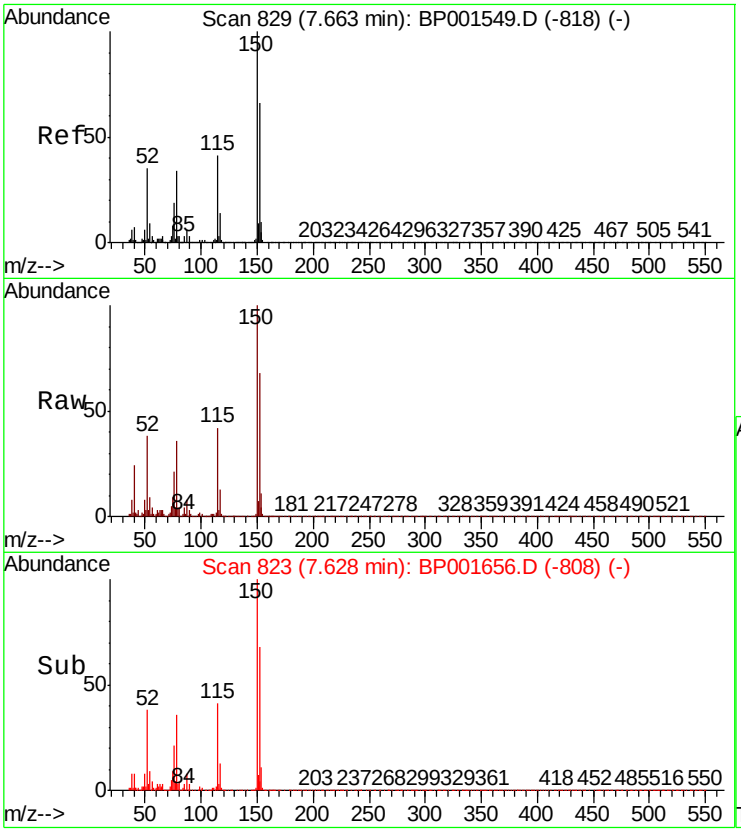
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Jan 18 02:32:03 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



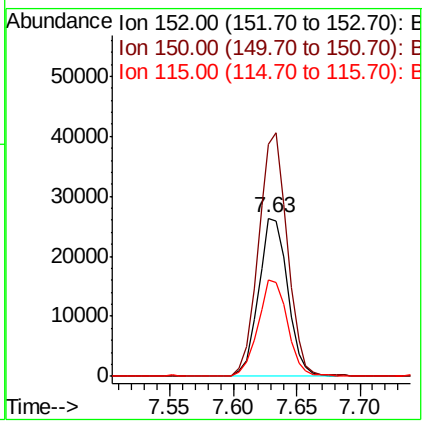


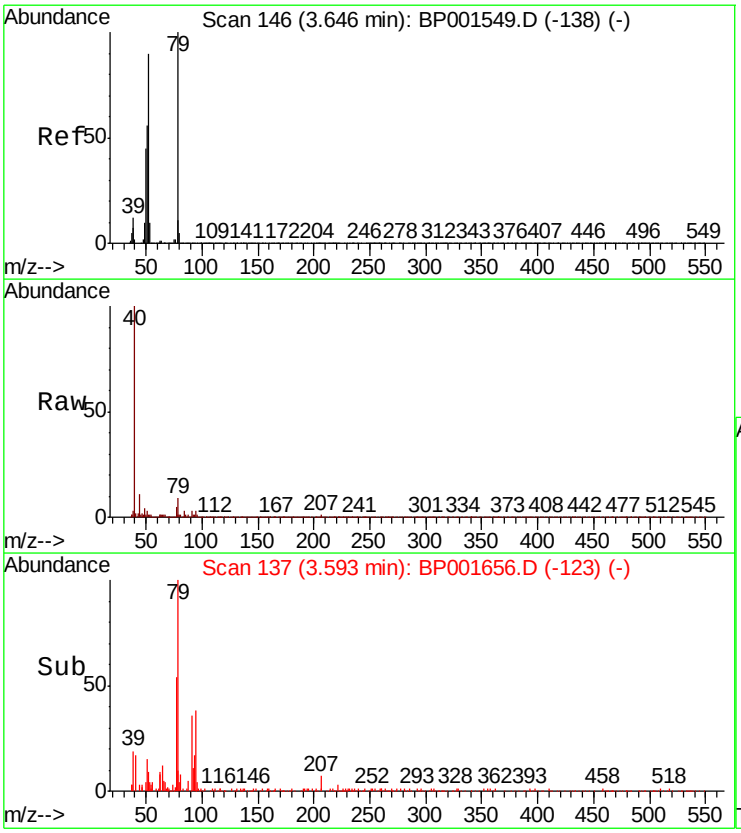
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 823
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 42007

Ion	Ratio	Lower	Upper
152	100		
150	146.6	122.0	183.0
115	60.9	50.7	76.1

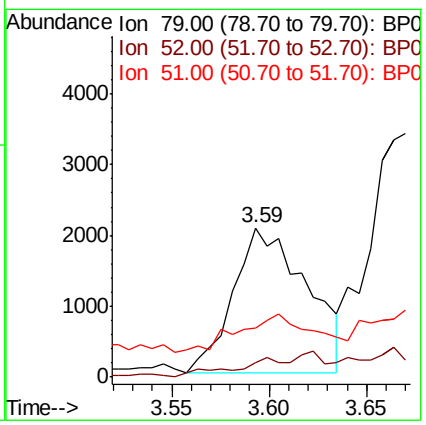


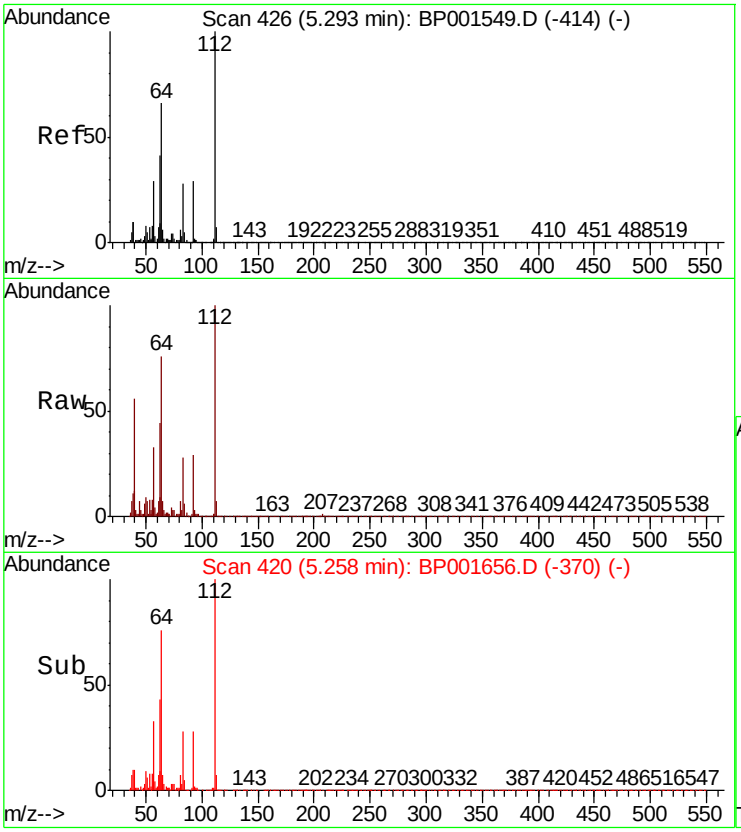


#3
Pyridine
Concen: 2.177 ng
RT: 3.59 min Scan# 137
Delta R.T. -0.02 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Tgt Ion: 79 Resp: 5384

Ion	Ratio	Lower	Upper
79	100		
52	9.8	72.1	108.1#
51	32.5	44.8	67.2#



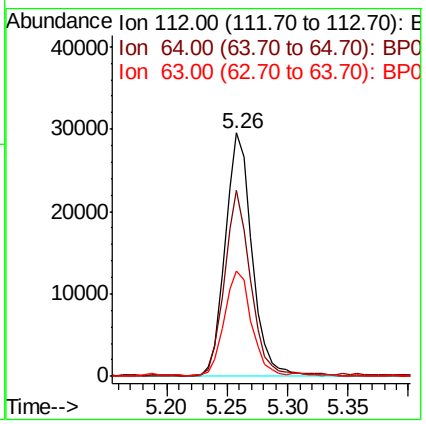


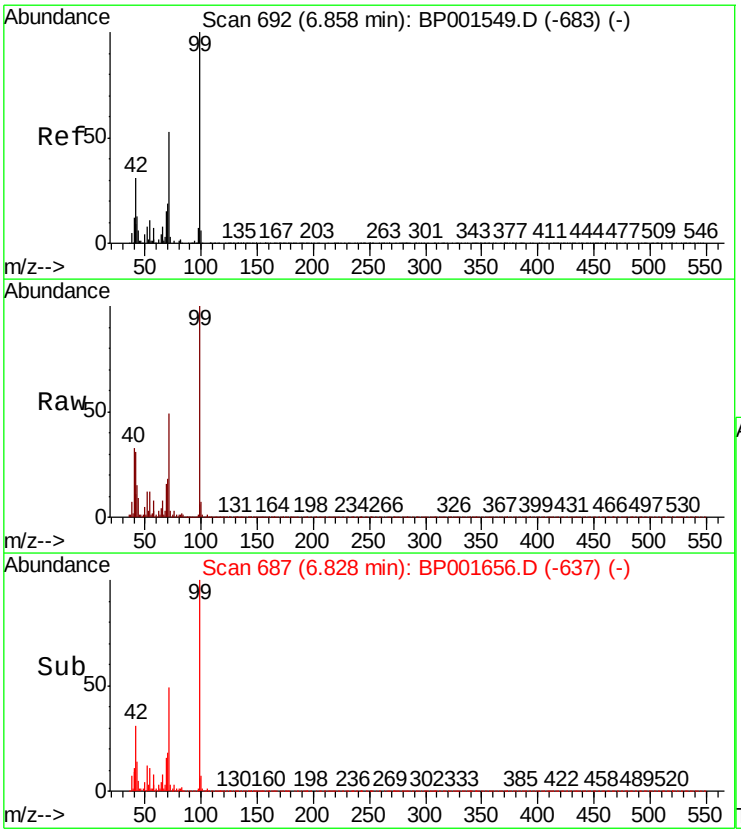
#5
2-Fluorophenol
Concen: 21.267 ng
RT: 5.26 min Scan# 420
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:112 Resp: 45606

Ion	Ratio	Lower	Upper
112	100		
64	76.2	52.8	79.2
63	43.5	33.1	49.7

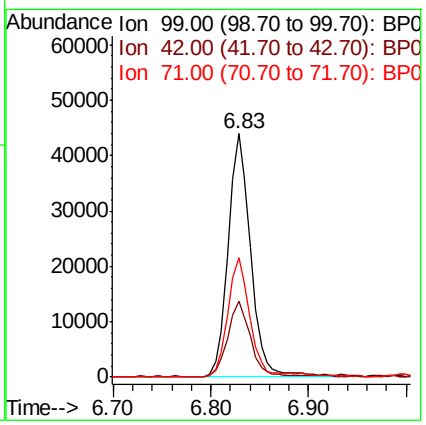


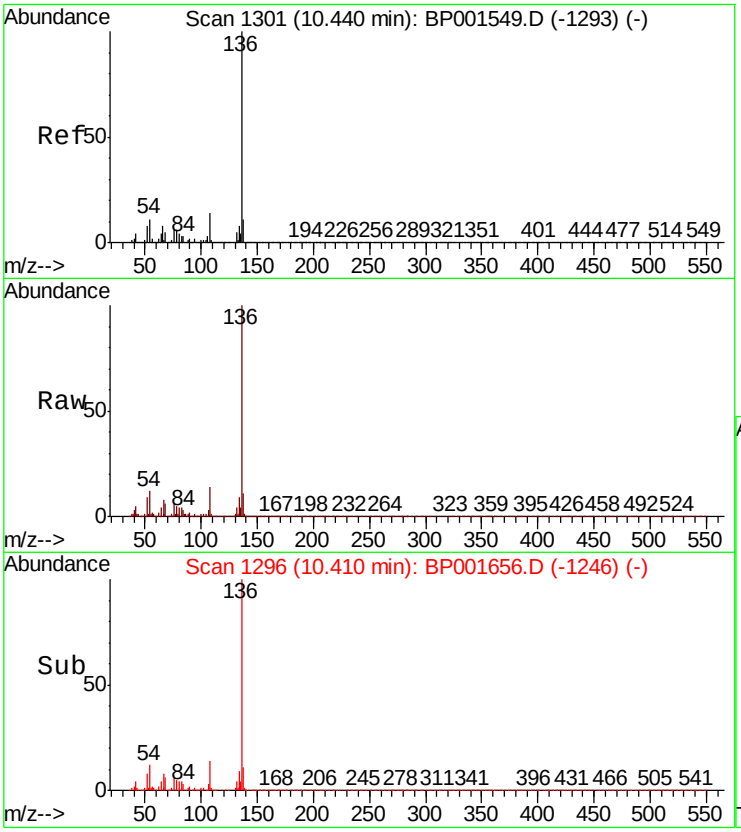


#7
Phenol-d6
Concen: 20.682 ng
RT: 6.83 min Scan# 687
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Tgt Ion: 99 Resp: 70882

Ion	Ratio	Lower	Upper
99	100		
42	31.4	24.5	36.7
71	48.9	42.4	63.6



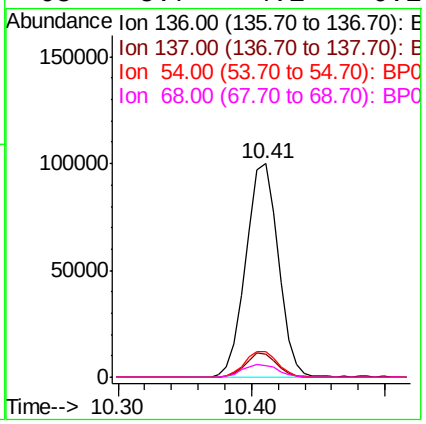


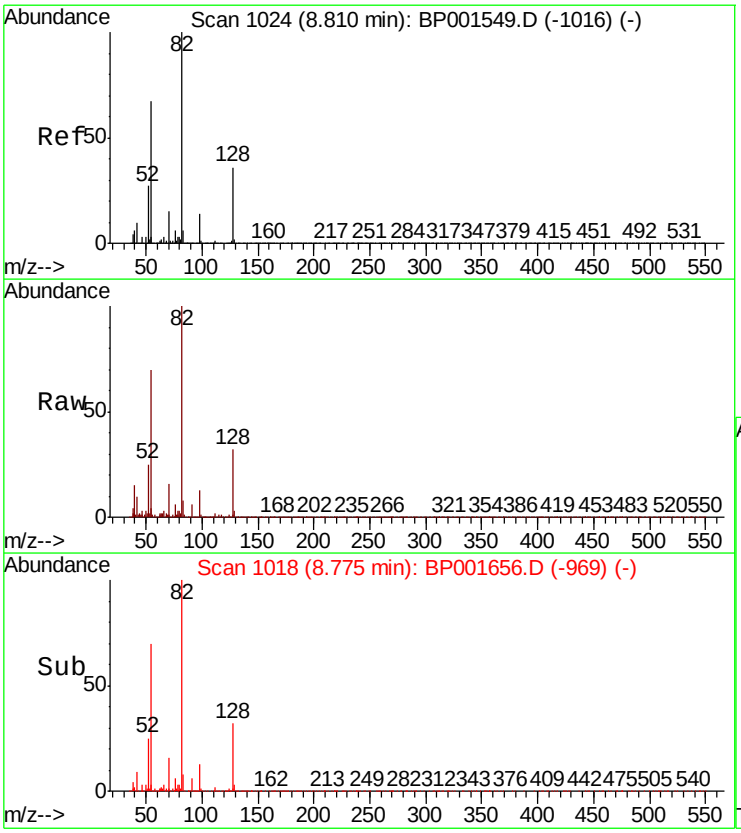
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 167554

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	11.9	9.2	13.8
68	5.7	4.1	6.1

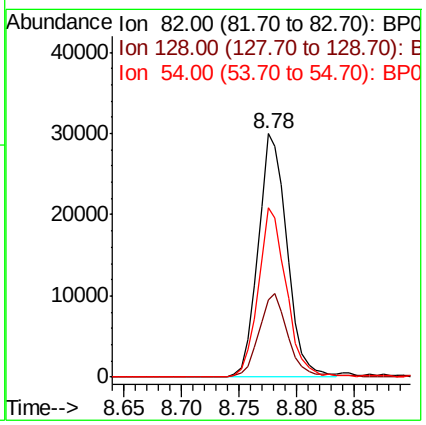


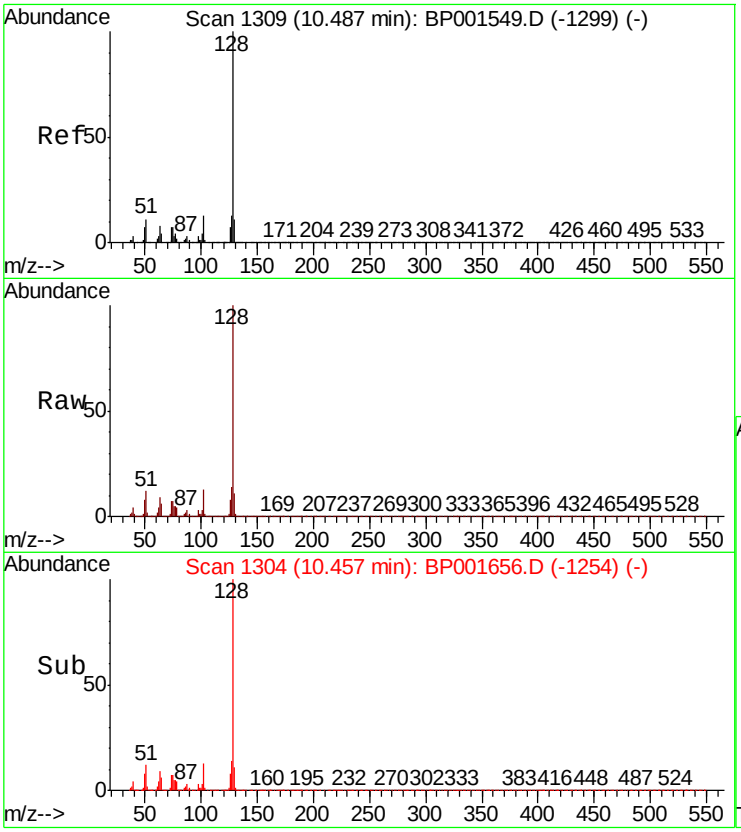


#23
Nitrobenzene-d5
Concen: 13.649 ng
RT: 8.78 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Tgt Ion: 82 Resp: 52335

Ion	Ratio	Lower	Upper
82	100		
128	31.8	28.4	42.6
54	69.5	53.4	80.2



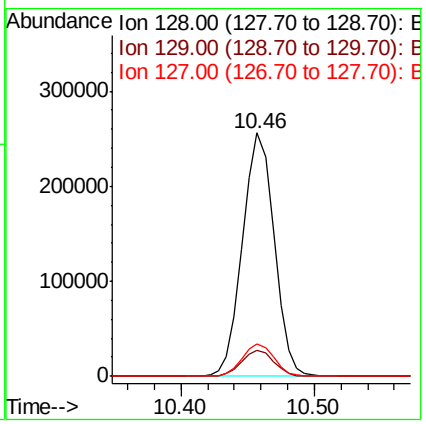


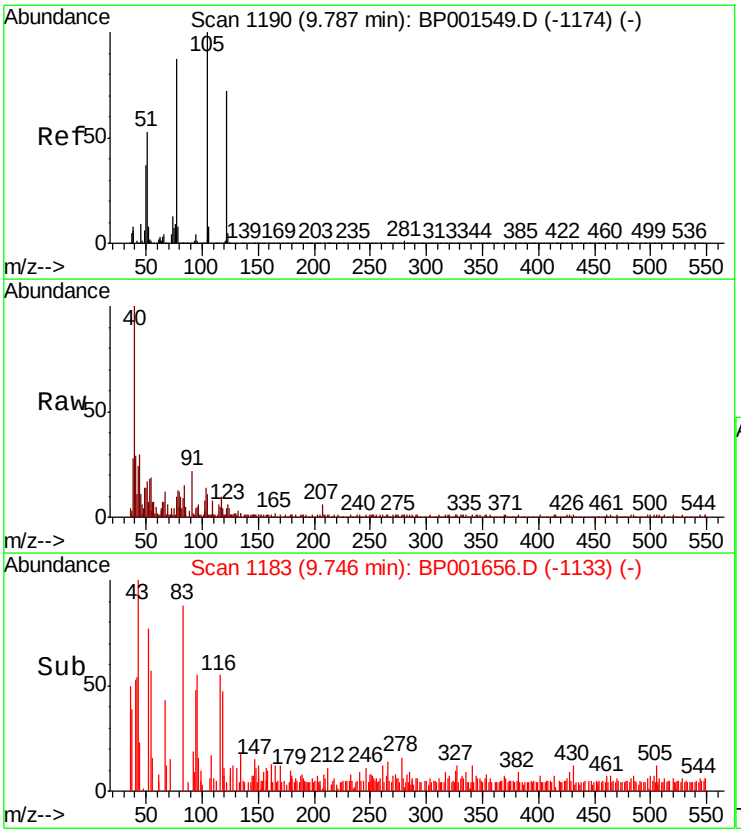
#31
Naphthalene
Concen: 47.473 ng
RT: 10.46 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:128 Resp: 419805

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	13.6	10.6	16.0

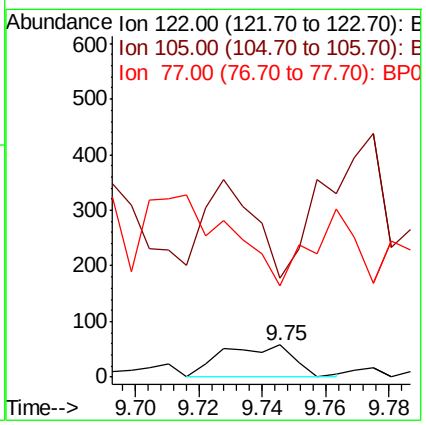


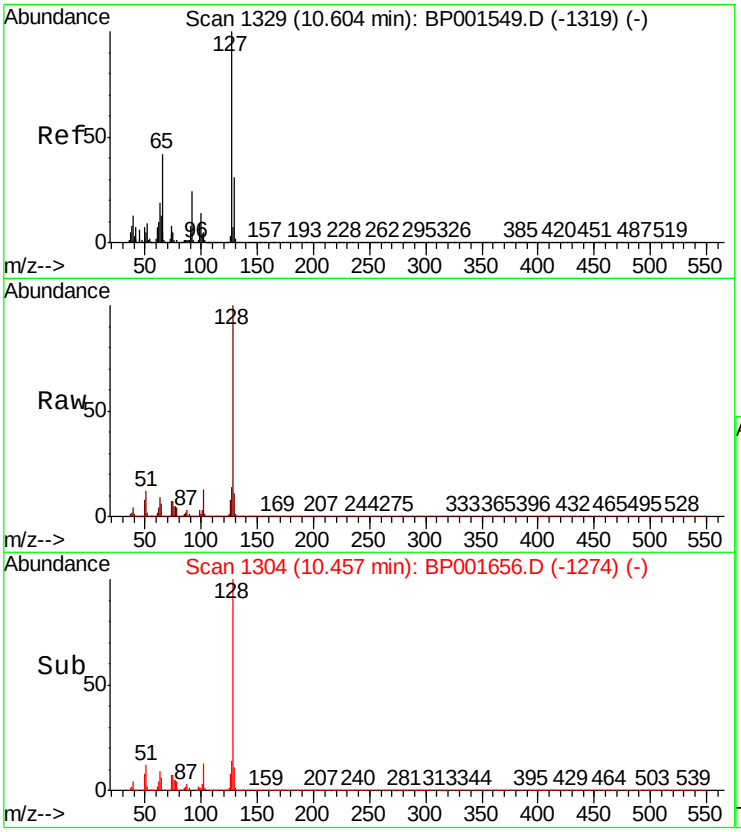


#32
Benzoic acid
Concen: 4.745 ng
RT: 9.75 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Tgt Ion:122 Resp: 92

Ion	Ratio	Lower	Upper
122	100		
105	308.6	119.5	159.5#
77	282.8	102.8	142.8#



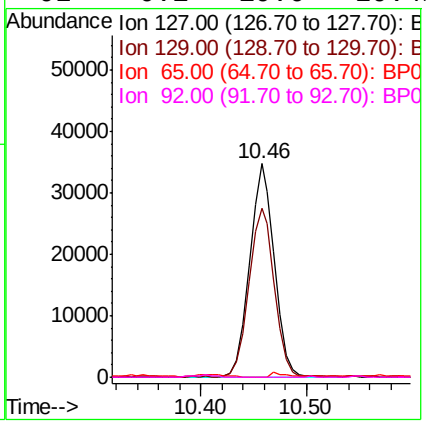


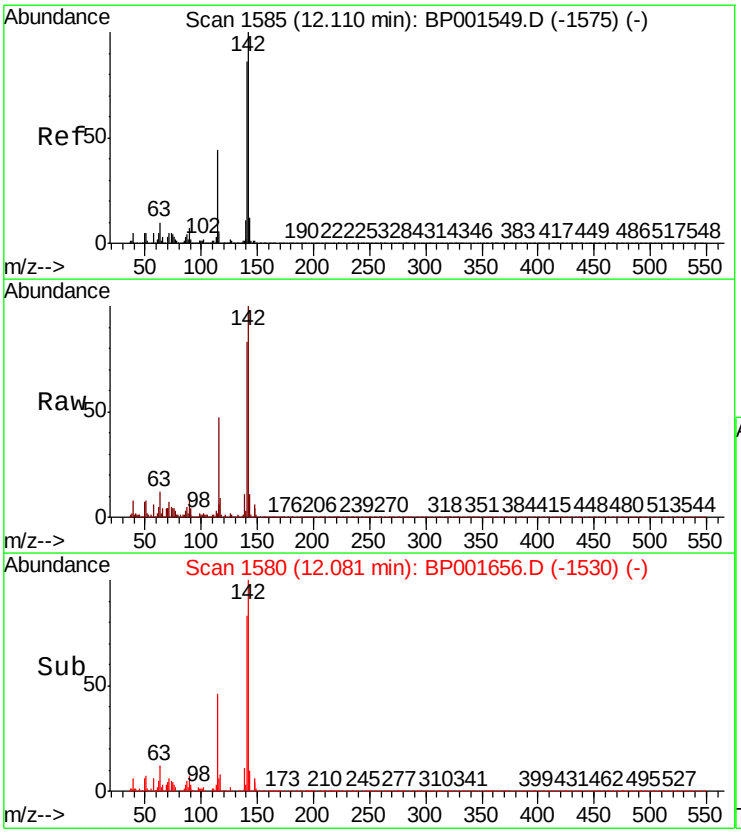
#33
4-Chloroaniline
Concen: 13.866 ng
RT: 10.46 min Scan# 1304
Delta R.T. -0.12 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:127 Resp: 56455

Ion	Ratio	Lower	Upper
127	100		
129	79.1	24.9	37.3#
65	0.0	33.3	49.9#
92	0.1	19.6	29.4#

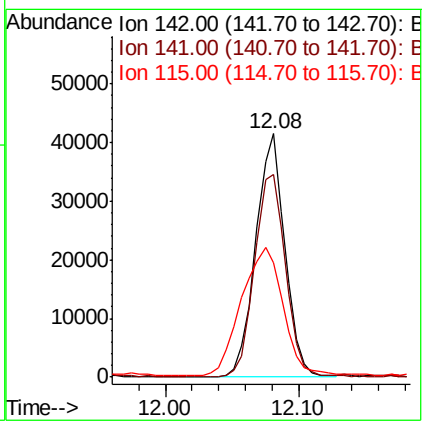


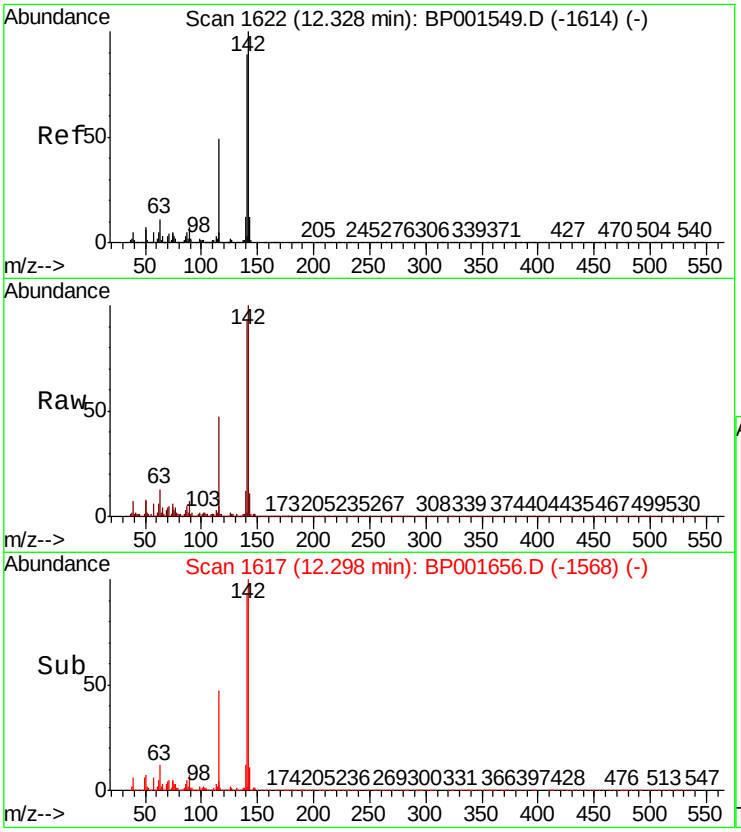


#37
2-Methylnaphthalene
Concen: 8.859 ng
RT: 12.08 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Tgt Ion:142 Resp: 62434

Ion	Ratio	Lower	Upper
142	100		
141	83.1	68.4	102.6
115	47.0	35.1	52.7



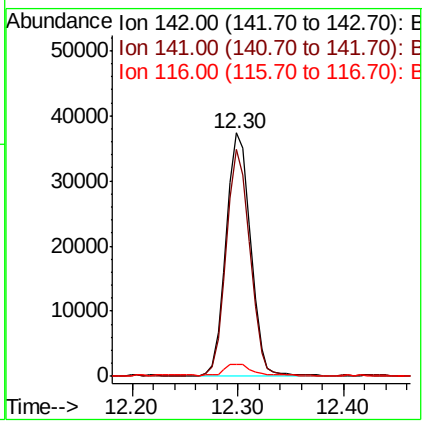


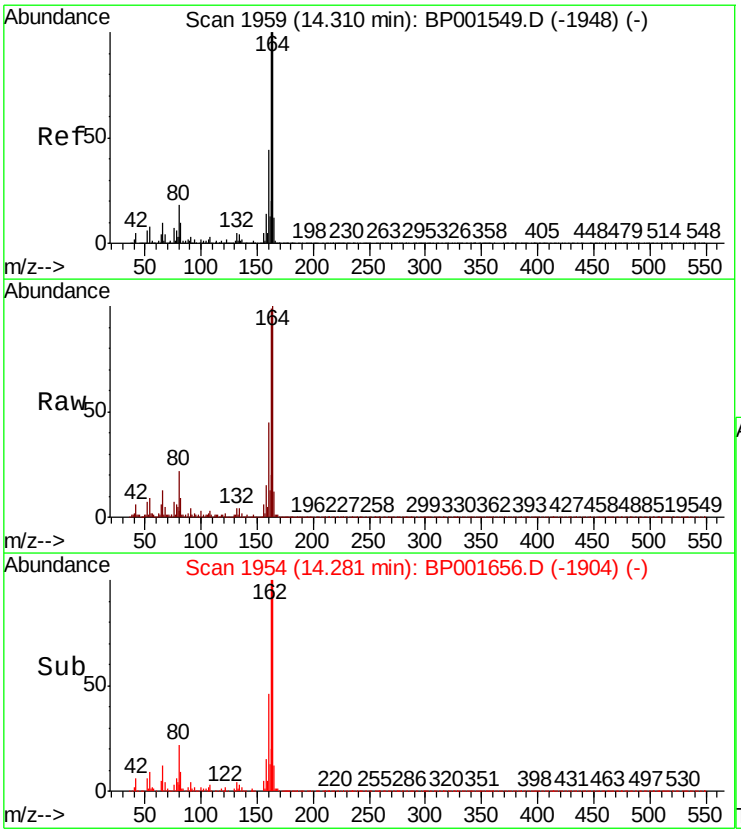
#38
1-Methylnaphthalene
Concen: 8.791 ng
RT: 12.30 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:142 Resp: 59621

Ion	Ratio	Lower	Upper
142	100		
141	93.2	70.9	106.3
116	4.7	4.1	6.1

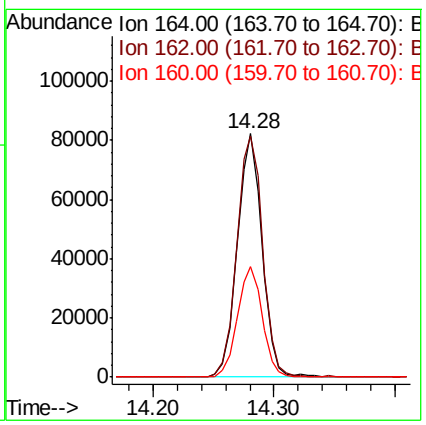


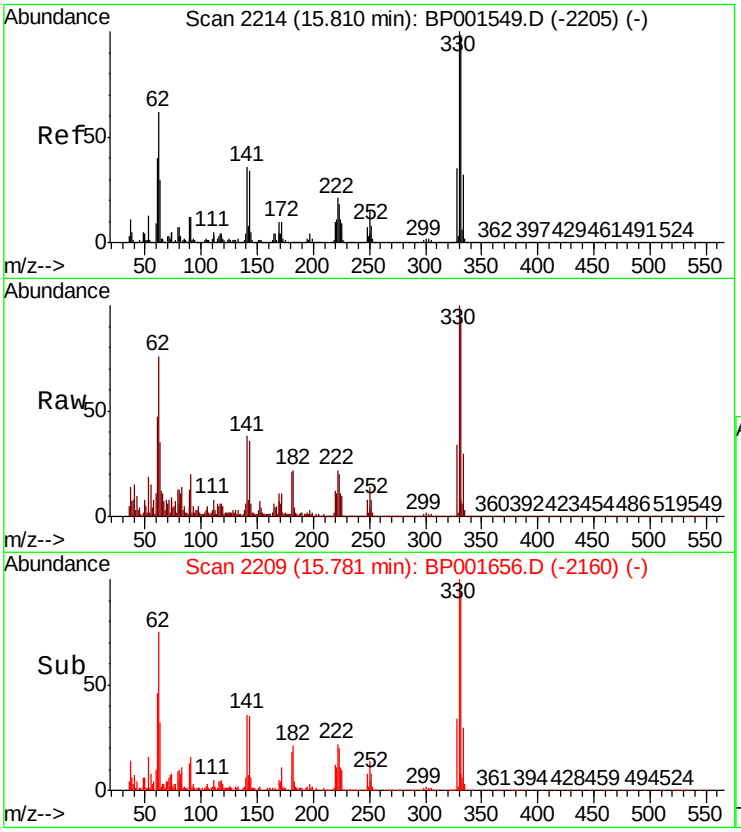


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Tgt Ion:164 Resp: 117058

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.8	119.6
160	45.4	35.0	52.6



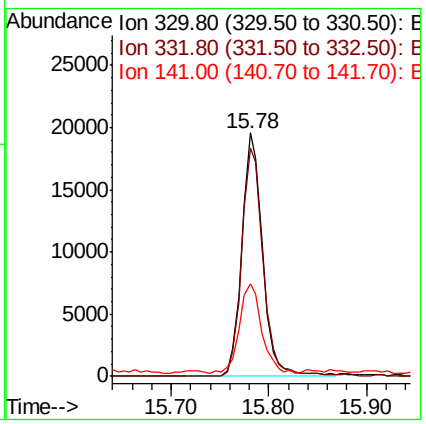


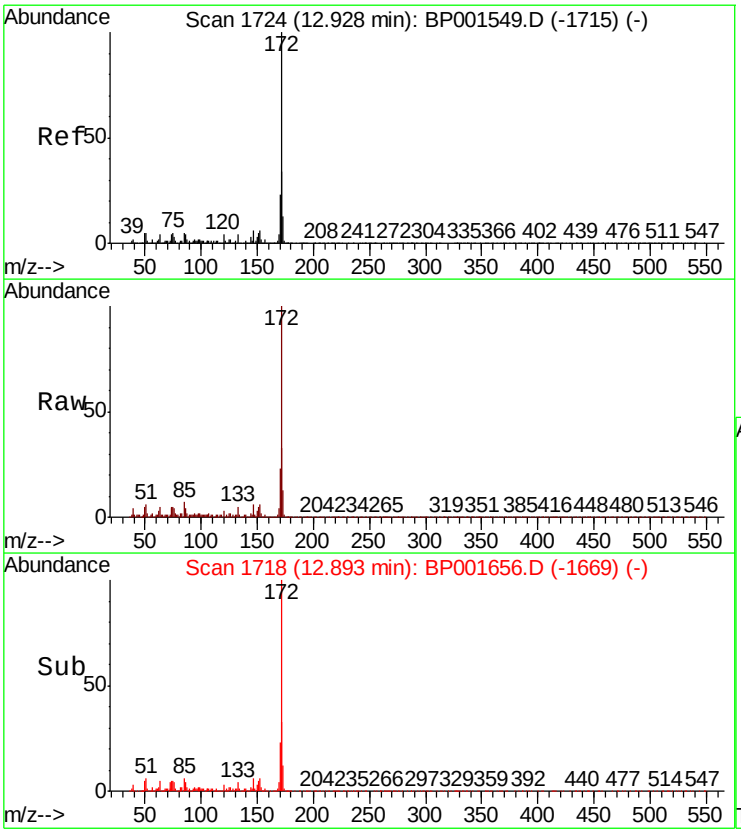
#42
2,4,6-Tribromophenol
Concen: 16.208 ng
RT: 15.78 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 28880

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.6
141	39.0	28.7	43.1

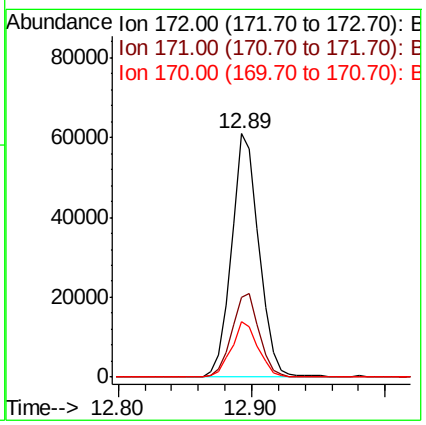


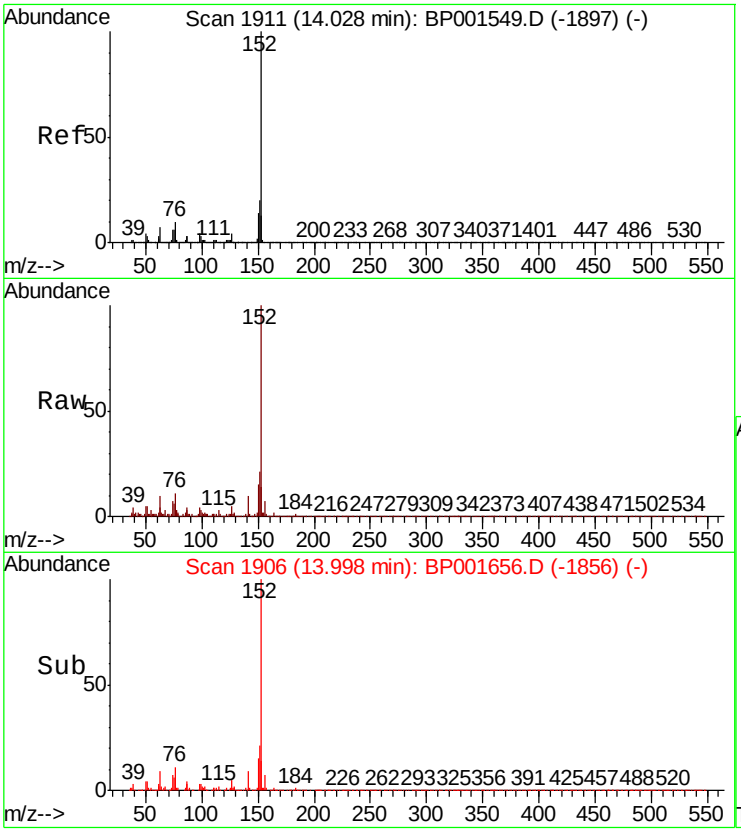


#45
2-Fluorobiphenyl
Concen: 10.938 ng
RT: 12.89 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Tgt Ion:172 Resp: 87084

Ion	Ratio	Lower	Upper
172	100		
171	32.9	27.6	41.4
170	23.0	18.3	27.5



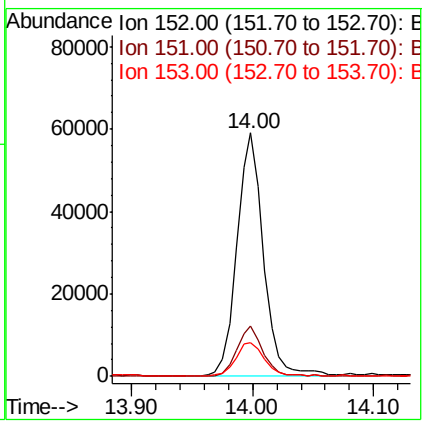


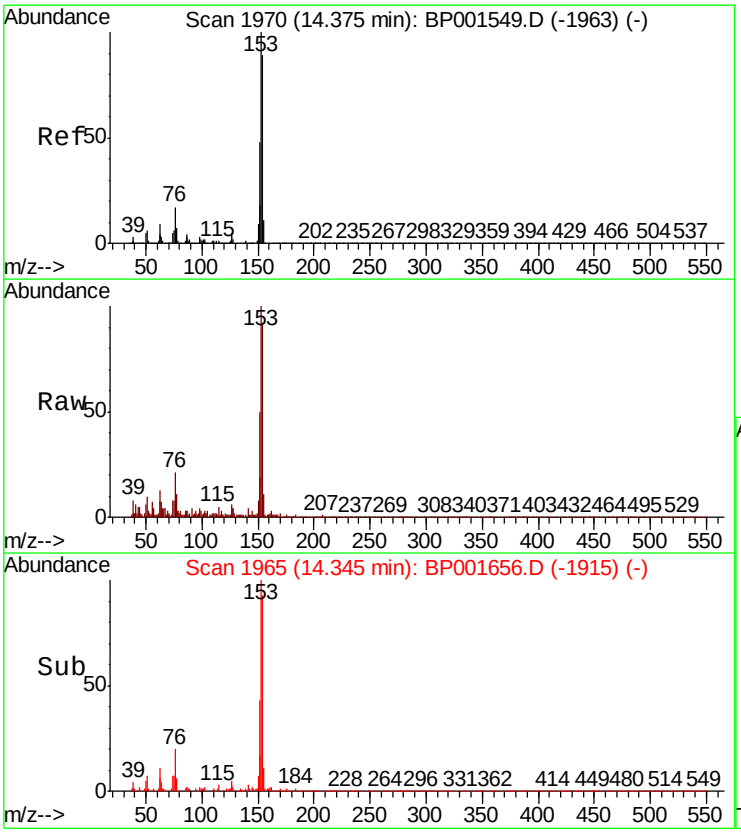
#49
Acenaphthylene
Concen: 8.391 ng
RT: 14.00 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 90217

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.9	23.9
153	14.1	10.4	15.6

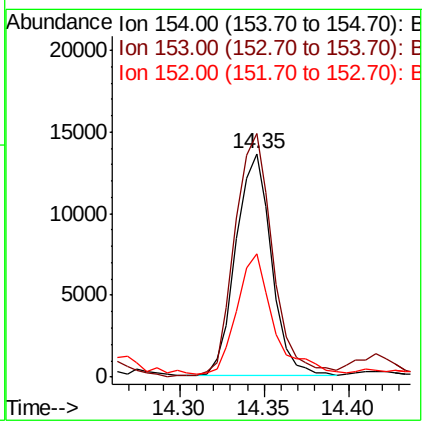


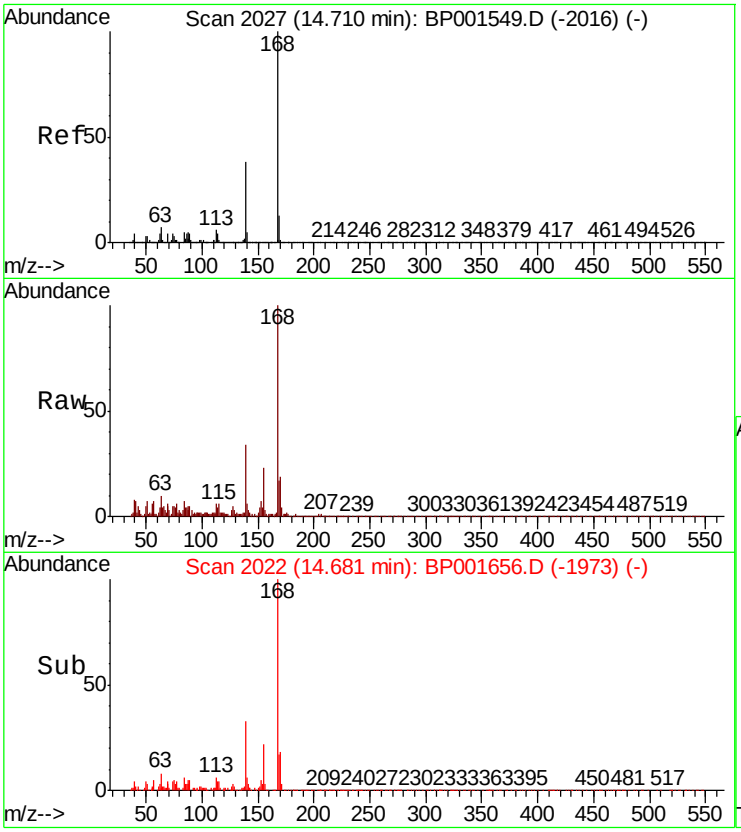


#52
Acenaphthene
Concen: 2.981 ng
RT: 14.35 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Tgt Ion:154 Resp: 19851

Ion	Ratio	Lower	Upper
154	100		
153	109.1	89.4	134.2
152	55.0	42.6	64.0



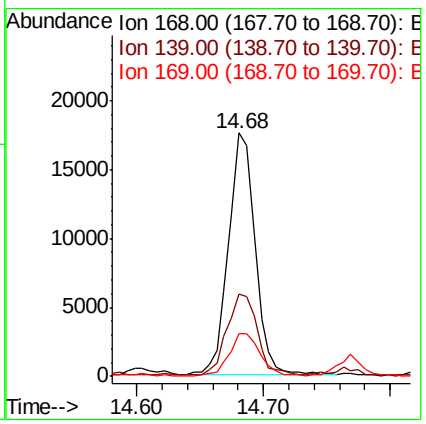


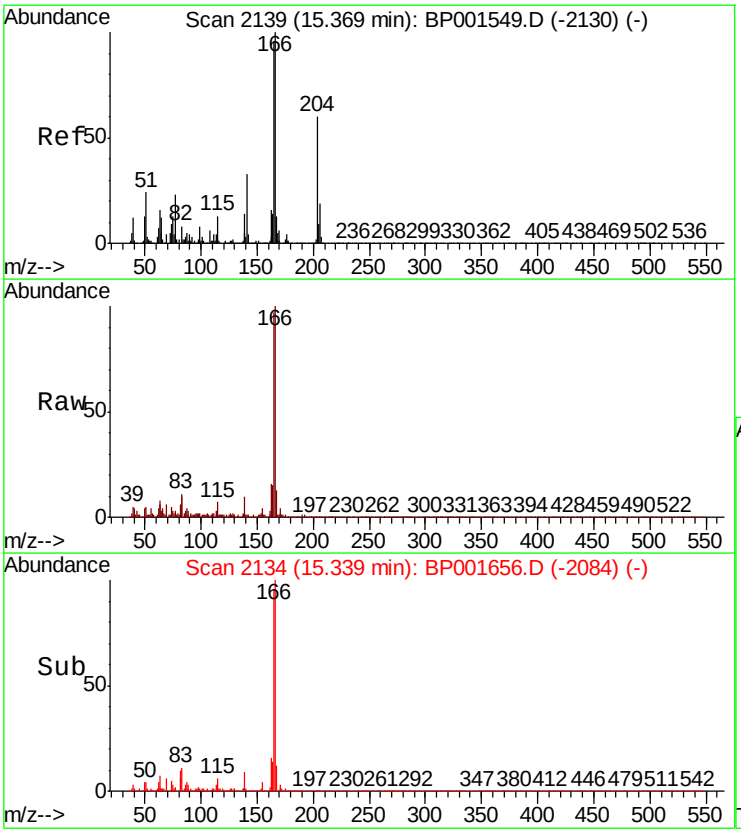
#55
Dibenzofuran
Concen: 2.270 ng
RT: 14.68 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:168 Resp: 25560

Ion	Ratio	Lower	Upper
168	100		
139	33.7	30.2	45.4
169	17.4	10.6	16.0#

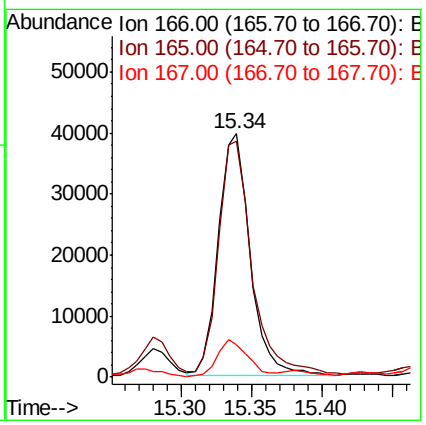


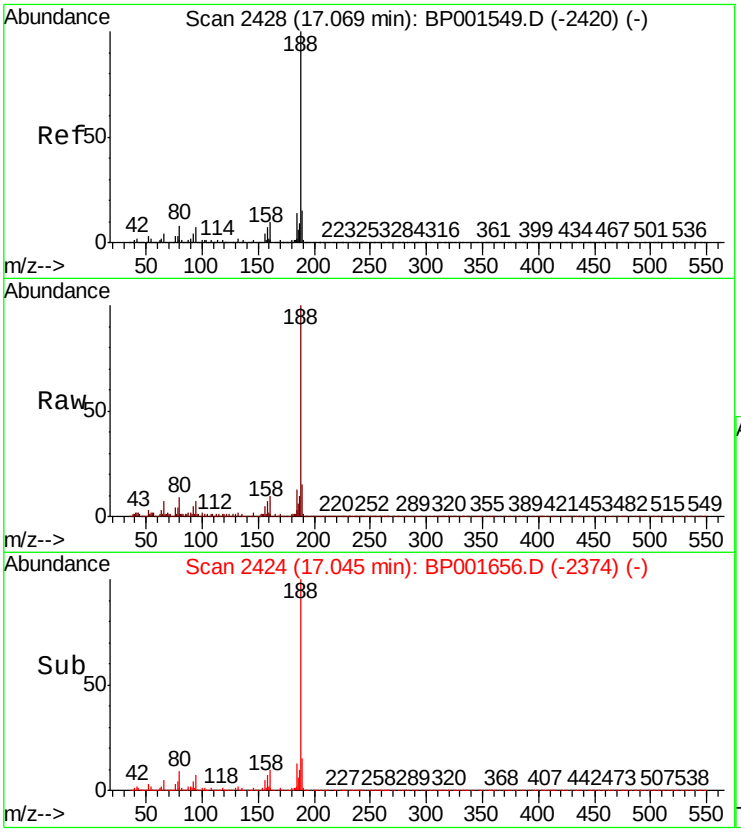


#58
Fluorene
Concen: 6.793 ng
RT: 15.34 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Tgt Ion:166 Resp: 61897

Ion	Ratio	Lower	Upper
166	100		
165	96.7	76.9	115.3
167	13.1	10.3	15.5



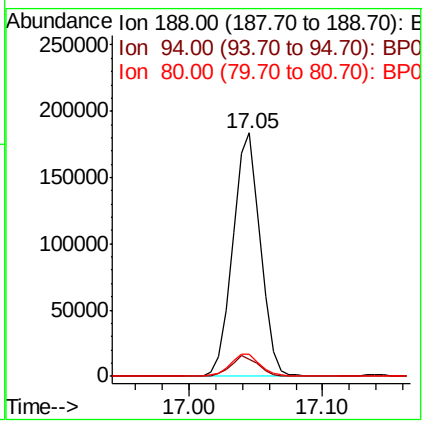


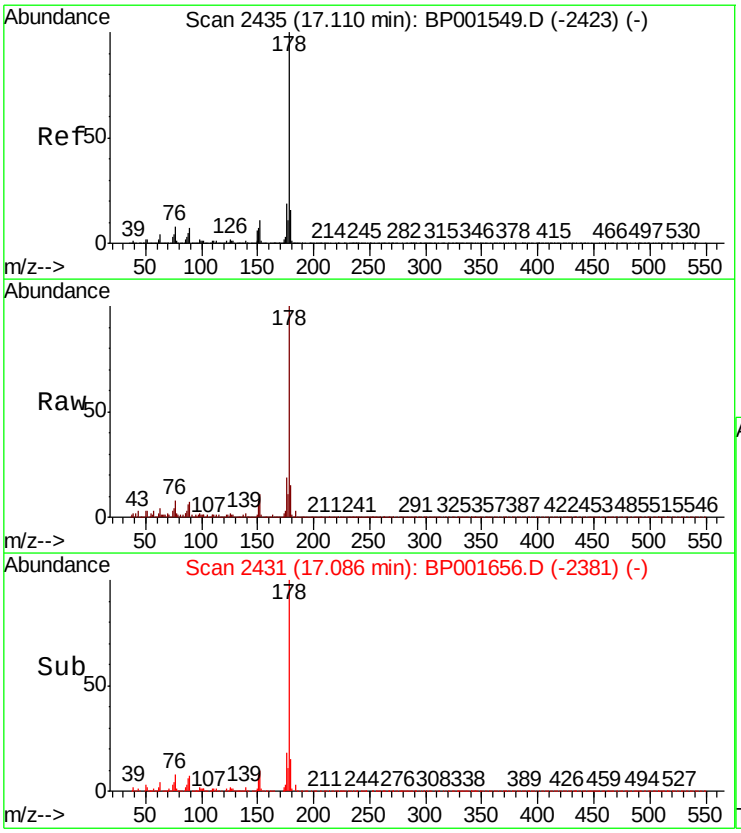
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 262423

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.9	8.9
80	9.2	6.8	10.2

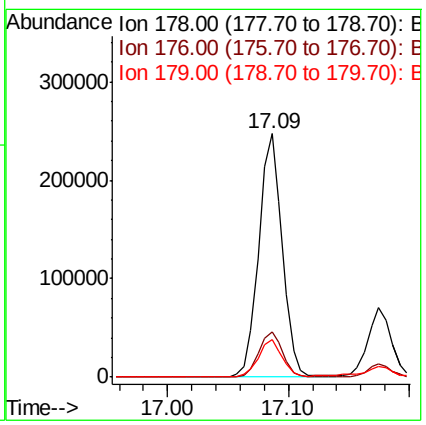


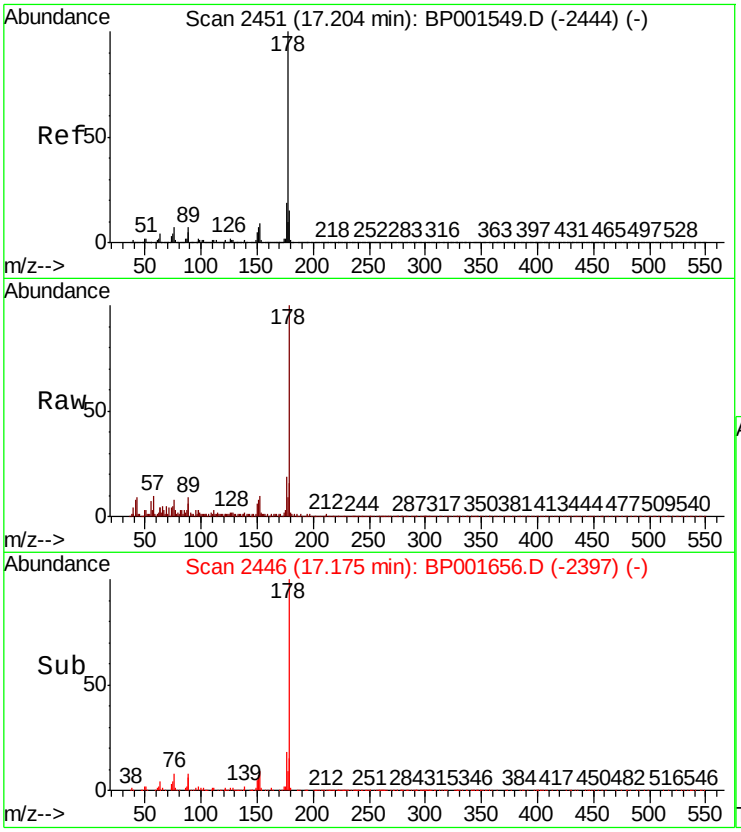


#71
Phenanthrene
Concen: 23.330 ng
RT: 17.09 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Tgt Ion:178 Resp: 332954

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.4	12.5	18.7



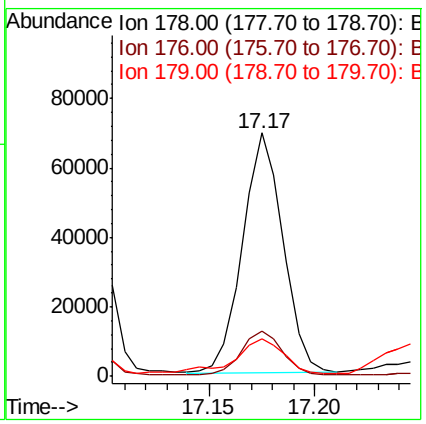


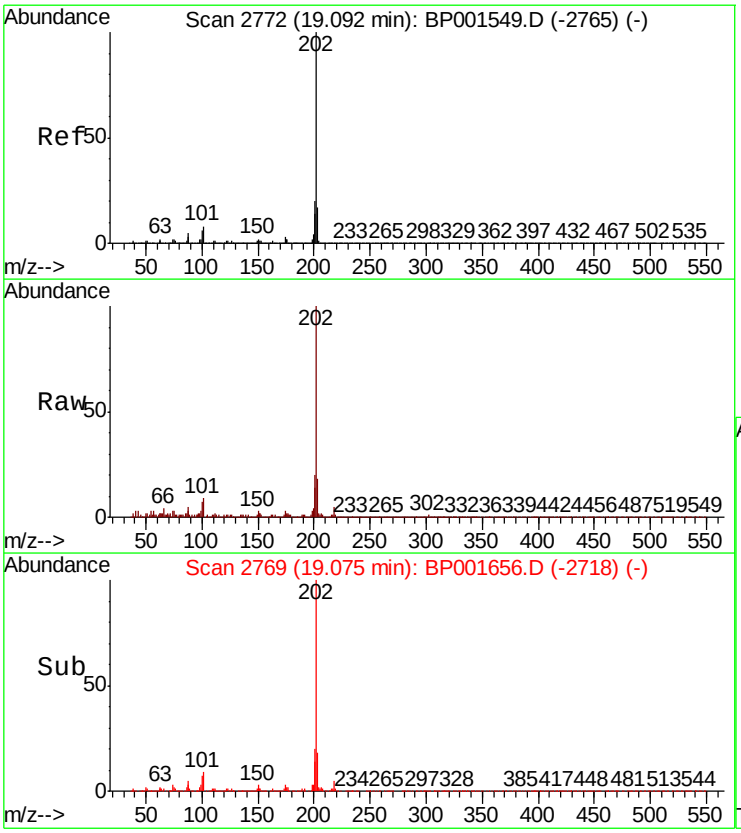
#72
Anthracene
Concen: 6.632 ng
RT: 17.17 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 92144

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.5	11.8	17.8

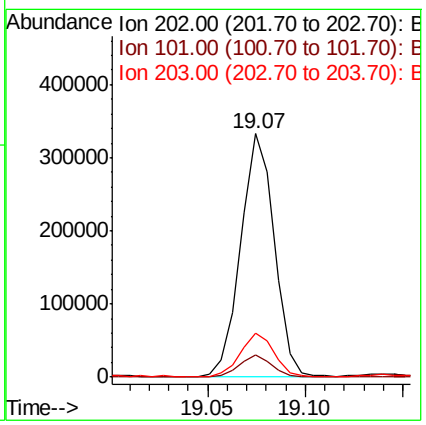


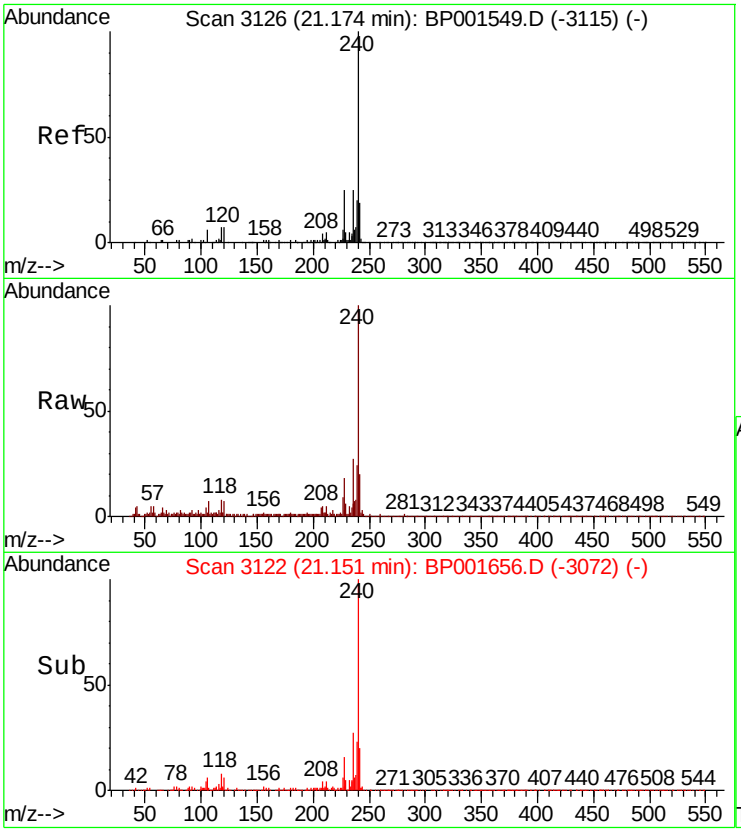


#75
Fluoranthene
Concen: 21.086 ng
RT: 19.07 min Scan# 2769
Delta R.T. -0.00 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Tgt Ion:202 Resp: 395974

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	28.4
203	17.9	0.0	37.4



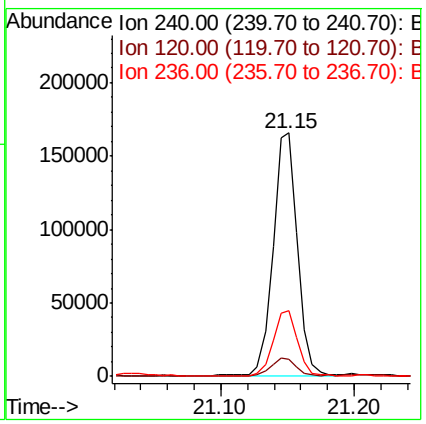


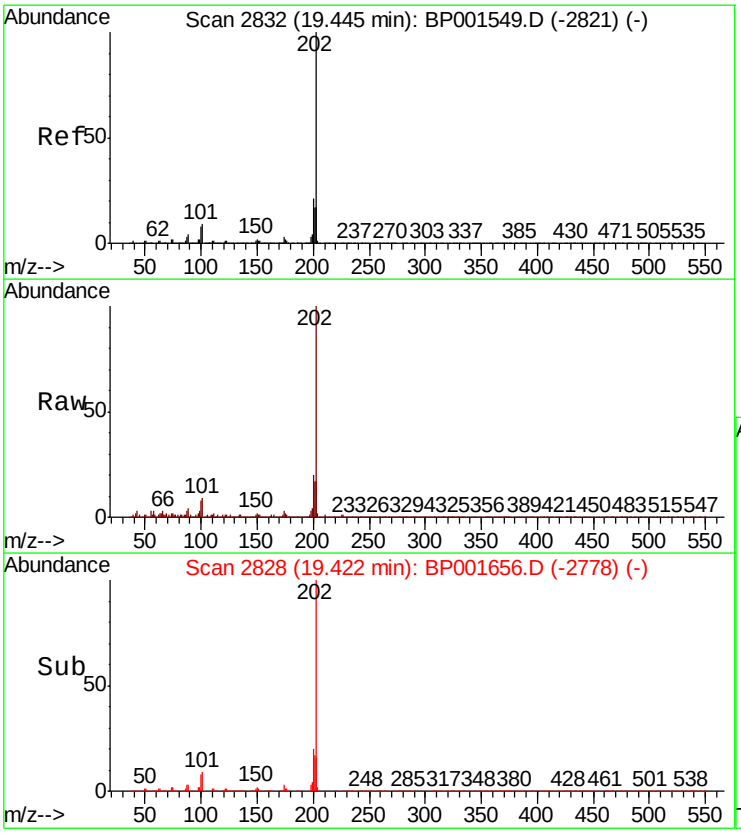
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 210605

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.7	8.5
236	26.9	20.4	30.6

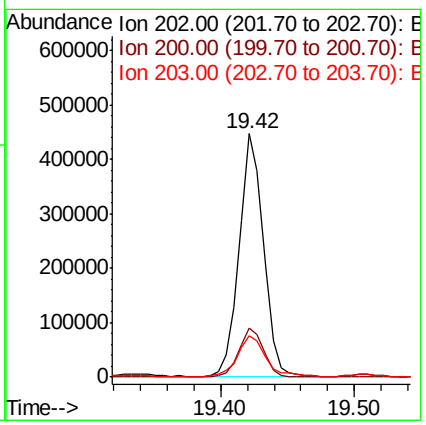


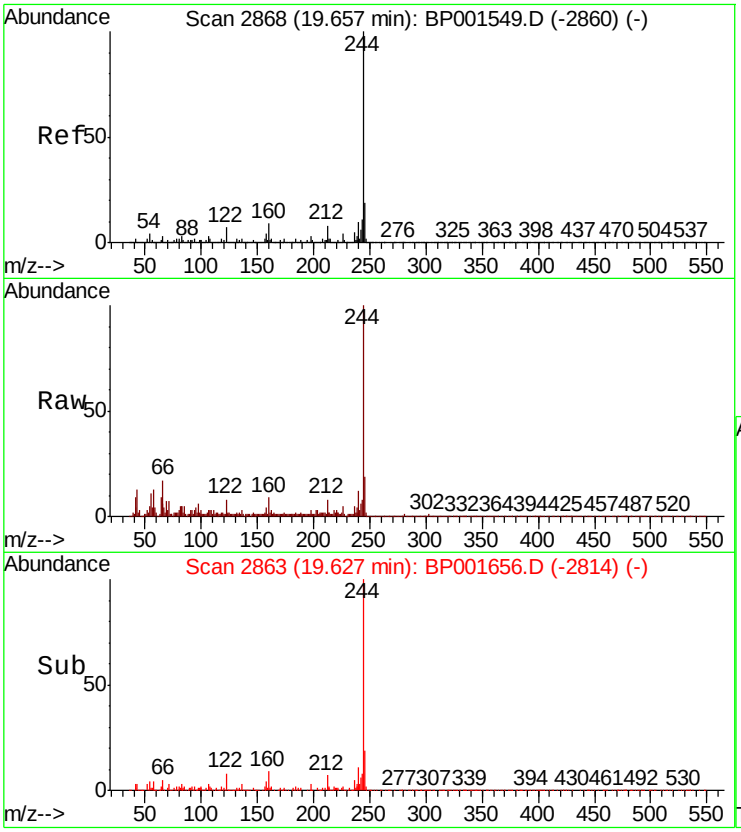


#78
Pyrene
Concen: 36.196 ng
RT: 19.42 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Tgt Ion:202 Resp: 559983

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.0	25.6
203	16.8	13.7	20.5



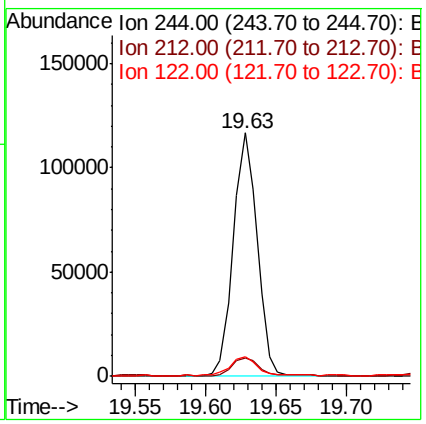


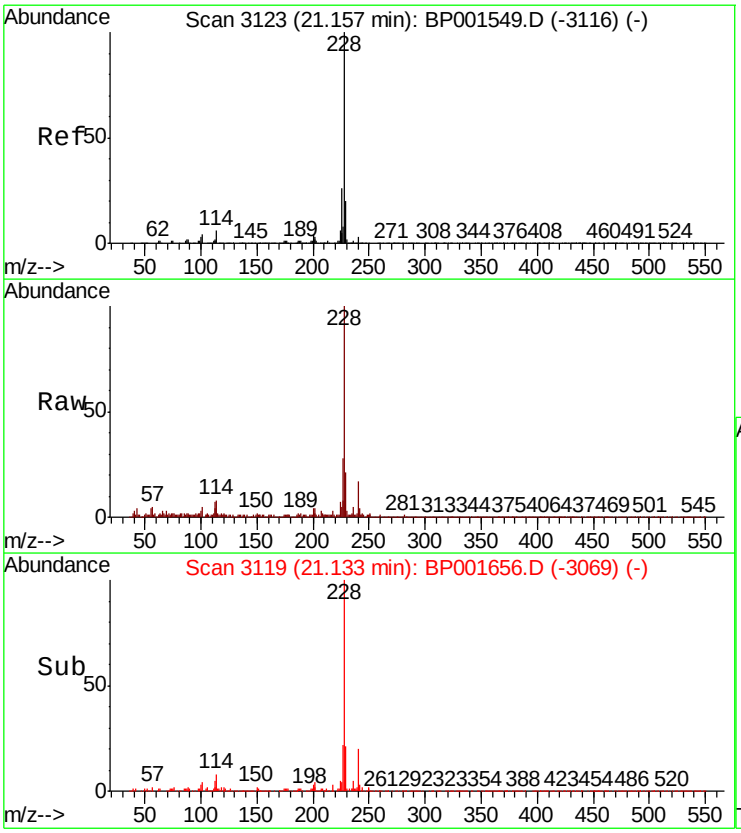
#79
Terphenyl-d14
Concen: 11.961 ng
RT: 19.63 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 137724

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	8.0	5.8	8.6

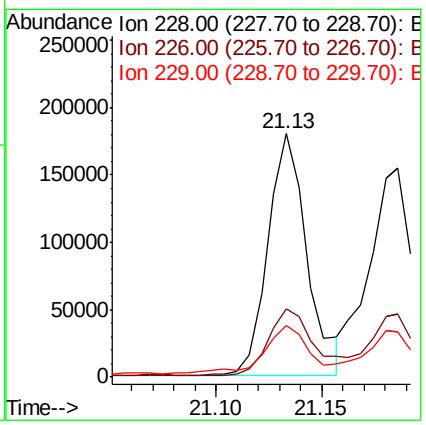


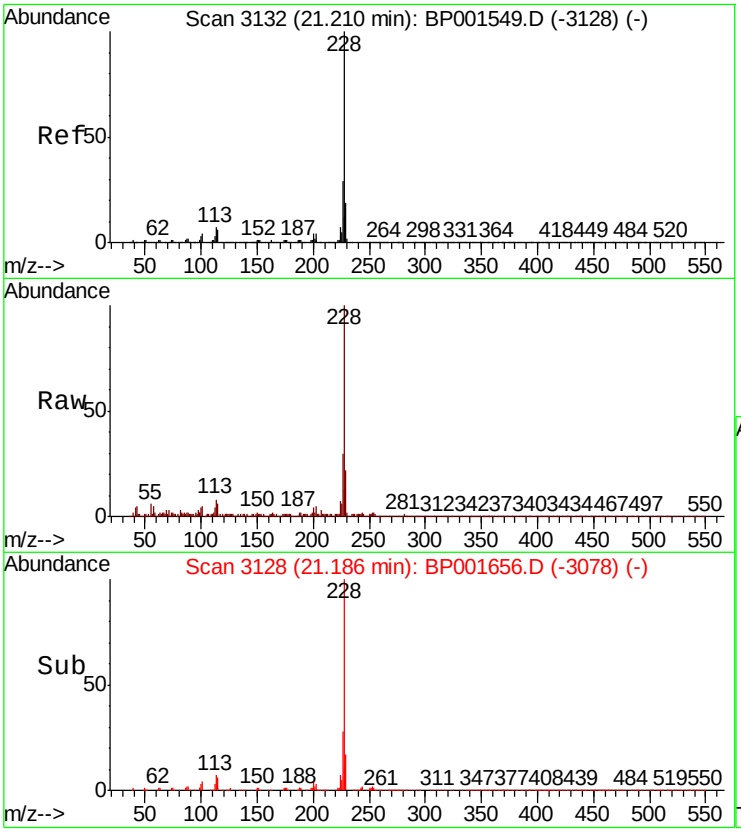


#81
Benzo(a)anthracene
Concen: 15.748 ng
RT: 21.13 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Tgt Ion:228 Resp: 230988

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.2	31.8
229	21.4	16.1	24.1



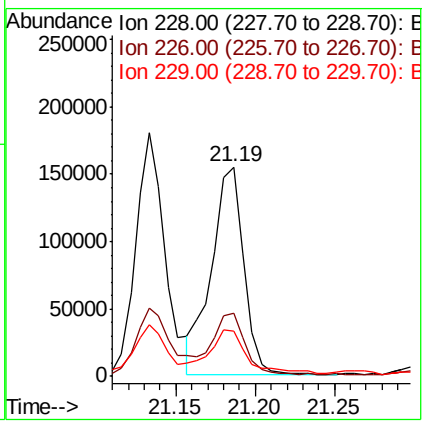


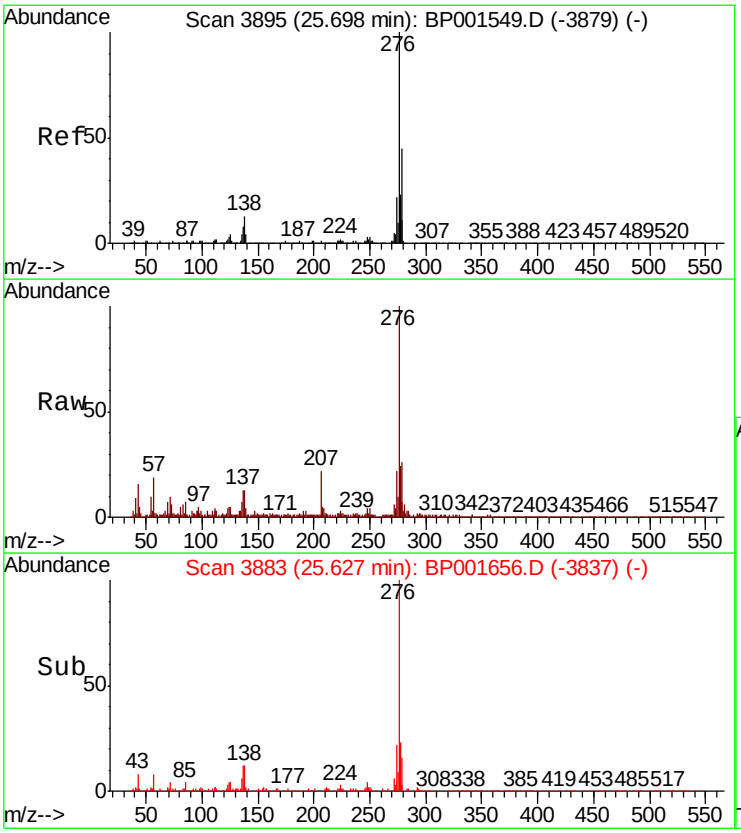
#83
Chrysene
Concen: 15.319 ng
RT: 21.19 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 218970

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.2	34.8
229	21.7	15.2	22.8

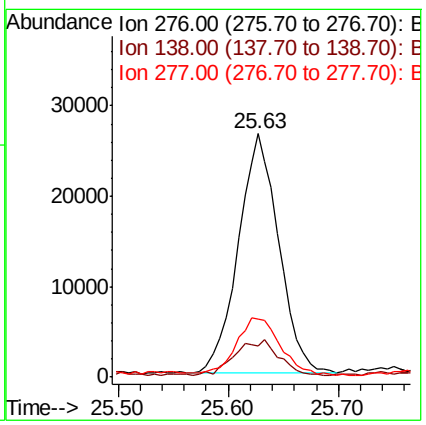


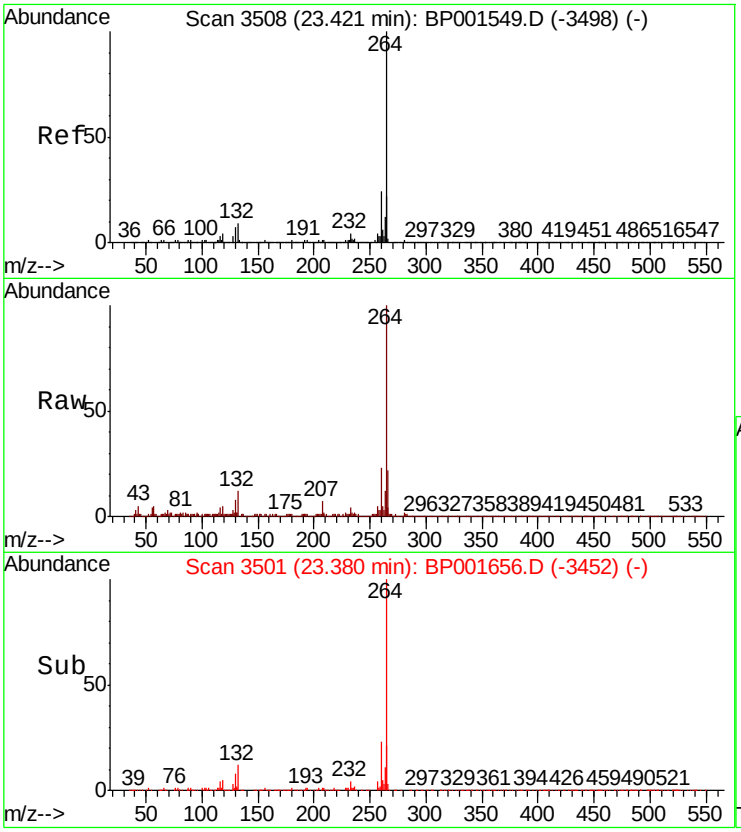


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.048 ng
RT: 25.63 min Scan# 3883
Delta R.T. -0.03 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Tgt Ion:276 Resp: 67725

Ion	Ratio	Lower	Upper
276	100		
138	16.2	11.1	16.7
277	26.7	20.4	30.6



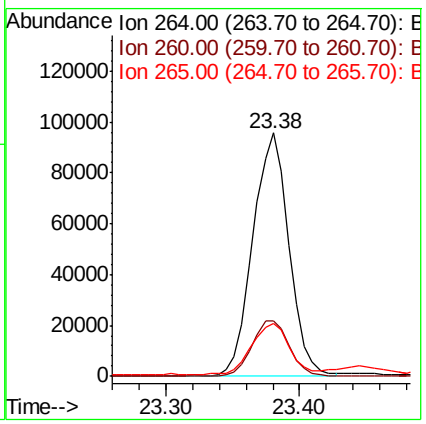


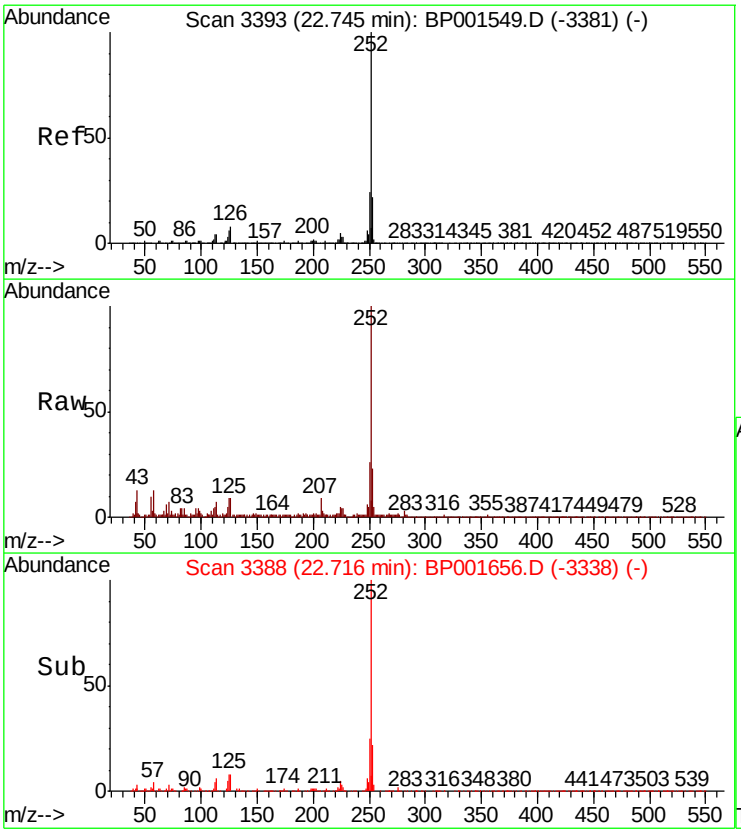
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 178046

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.6
265	21.6	18.2	27.4

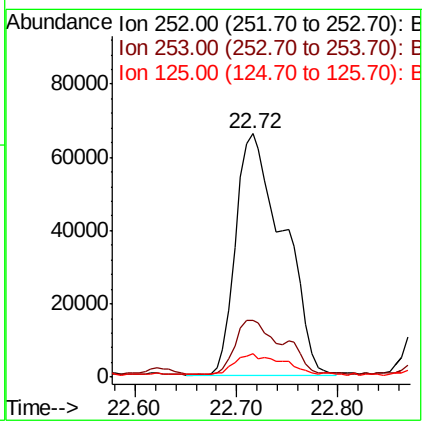


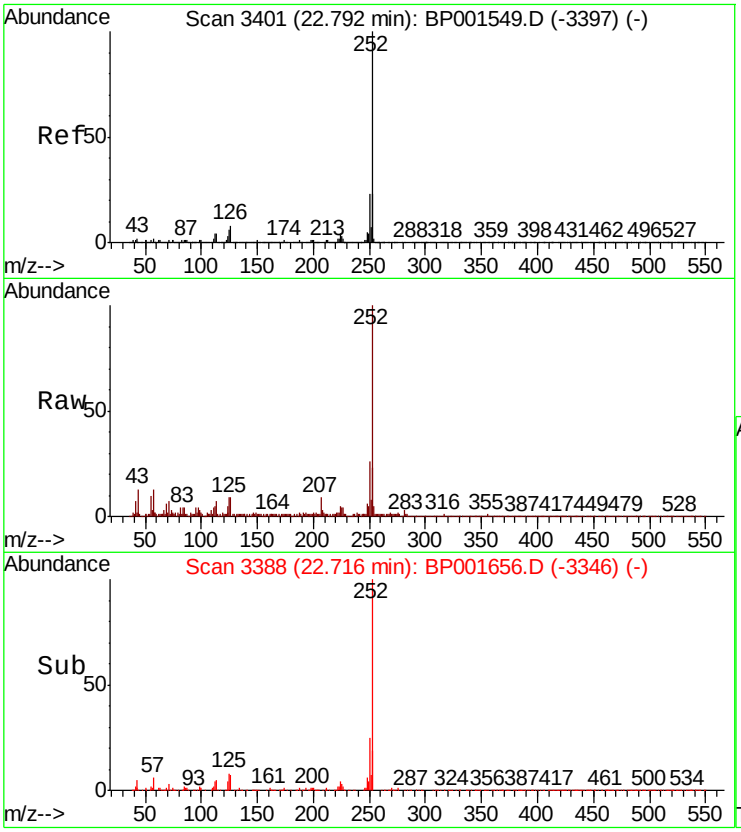


#88
Benzo(b)fluoranthene
Concen: 19.216 ng
RT: 22.72 min Scan# 3388
Delta R.T. -0.01 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Tgt Ion:252 Resp: 215598

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	9.4	4.6	7.0#



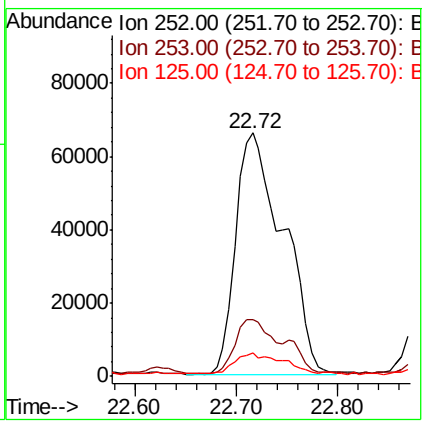


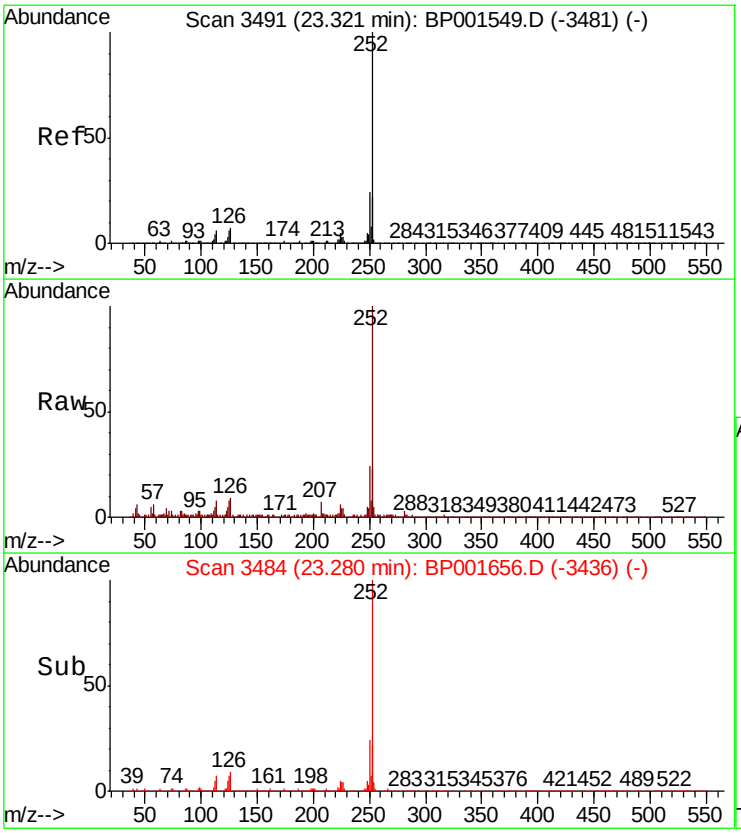
#89
Benzo(k)fluoranthene
Concen: 19.709 ng
RT: 22.72 min Scan# 3388
Delta R.T. -0.05 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 215598

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	9.4	4.6	6.8#

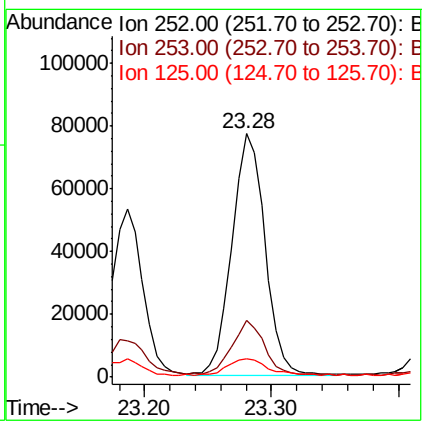


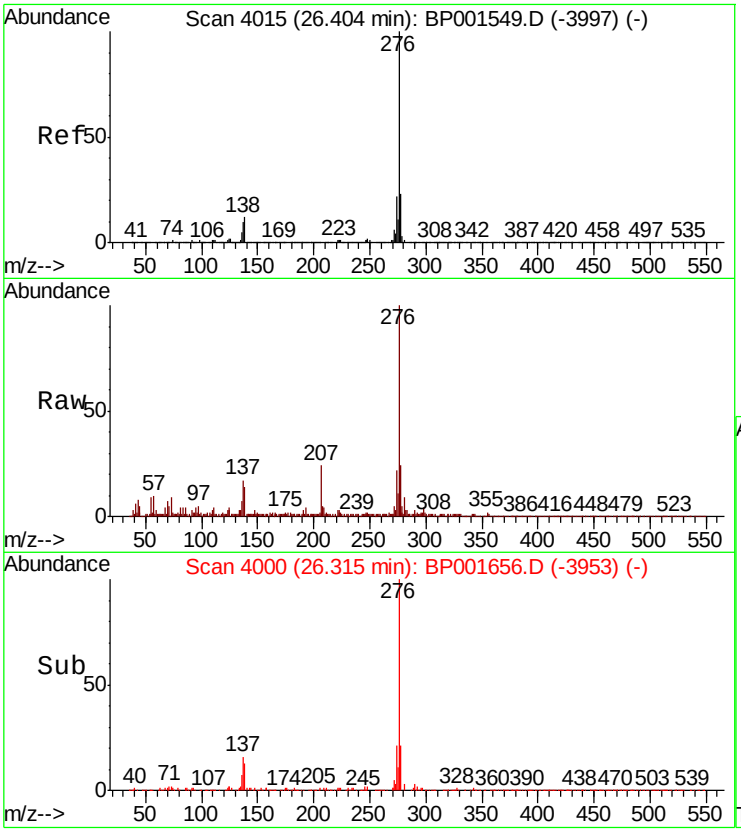


#90
Benzo(a)pyrene
Concen: 13.122 ng
RT: 23.28 min Scan# 3484
Delta R.T. -0.02 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Tgt Ion:252 Resp: 139781

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	7.8	5.0	7.4#





#92
Benzo(g,h,i)perylene
Concen: 6.684 ng
RT: 26.32 min Scan# 4000
Delta R.T. -0.02 min
Lab File: BP001656.D
Acq: 17 Jan 2020 14:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 73030

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	13.8	9.4	14.2