Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
Data File : BP000706.D
Acq On : 14 Oct 2019 13:28
Operator : JU
Sample : K5348-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Oct 15 02:41:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	204398	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	748392	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	410161	20.00	ng		-0.02
64) Phenanthrene-d10	11.29	188	747793	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	659699	20.00	ng		-0.01
87) Perylene-d12	15.45	264	757725	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	252974	19.89	ng		-0.02
7) Phenol-d6	6.39	99	1102850	71.97	ng		-0.02
23) Nitrobenzene-d5	7.31	82	693893	56.63	ng		-0.02
42) 2,4,6-Tribromophenol	10.59	330	16233	3.71	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	1215528	47.95	ng		-0.02
79) Terphenyl-d14	12.90	244	1443223	44.29	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.30	77	34000	4.260	ng		95
10) Phenol	6.40	94	61836	3.941	ng		91
19) n-Nitroso-di-n-propylamine	7.31	70	87761	12.426	ng	#	73
25) Isophorone	7.31	82	692788	31.856	ng	#	61
41) Hexachlorocyclopentadiene	8.86	237	24	7.301	ng		83
50) Dimethylphthalate	9.51	163	292309	10.256	ng		100
57) 2,4-Dinitrotoluene	9.80	165	53393	6.479	ng	#	32
71) Phenanthrene	11.32	178	89735	2.389	ng		97
75) Fluoranthene	12.52	202	295552	7.007	ng		99
78) Pyrene	12.75	202	316201	6.950	ng		99
81) Benzo(a)anthracene	13.96	228	184441	4.582	ng	#	78
83) Chrysene	14.00	228	181912	4.605	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	123639	4.958	ng		96
86) Indeno(1,2,3-cd)pyrene	16.92	276	116784	2.366	ng		95
88) Benzo(b)fluoranthene	15.02	252	320091	7.446	ng		96
89) Benzo(k)fluoranthene	15.02	252	320091	7.821	ng	#	97
90) Benzo(a)pyrene	15.39	252	194989	4.866	ng	#	95
92) Benzo(g,h,i)perylene	17.36	276	125183	3.170	ng		100

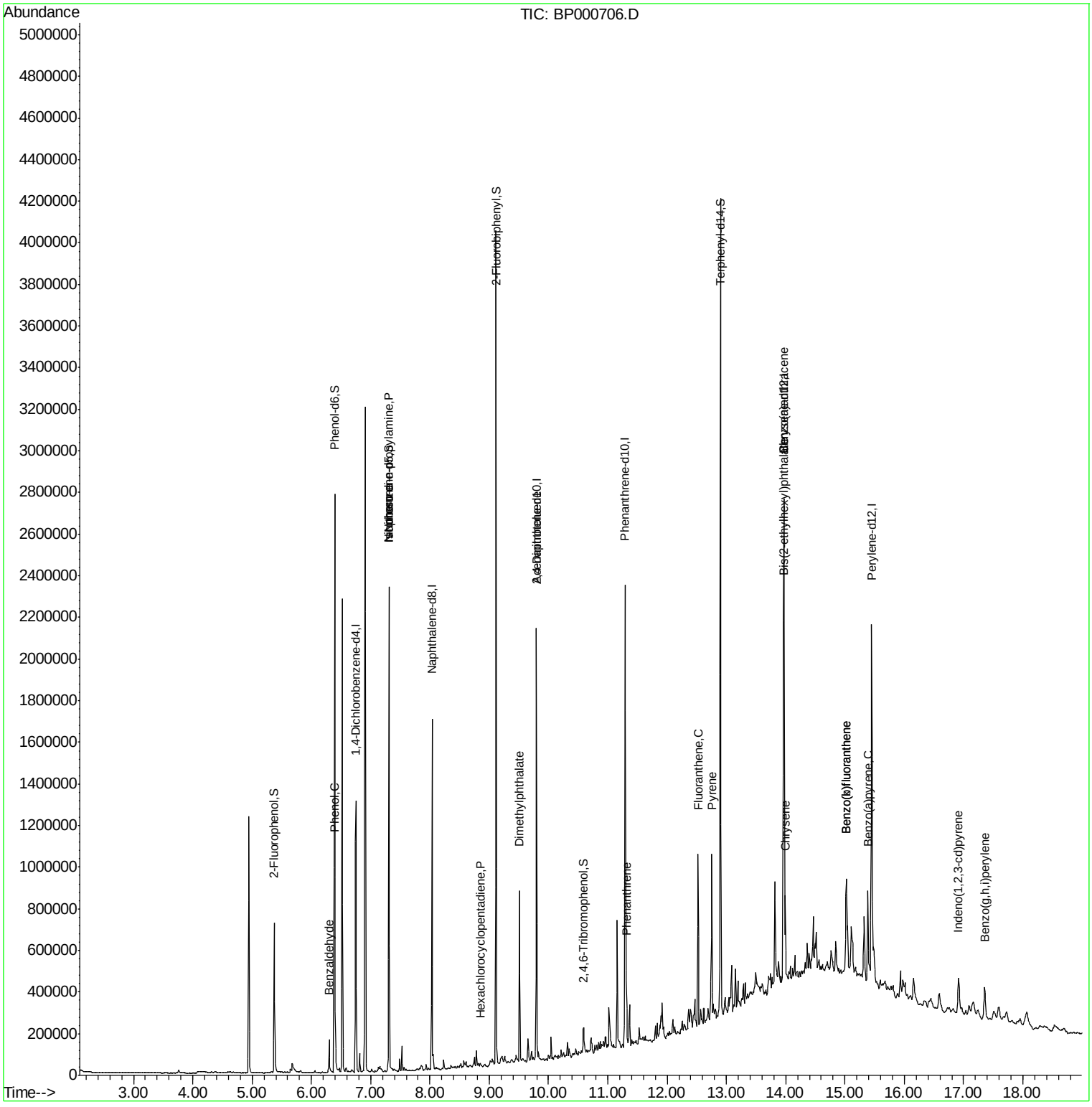
(#) = qualifier out of range (m) = manual integration (+) = signals summed

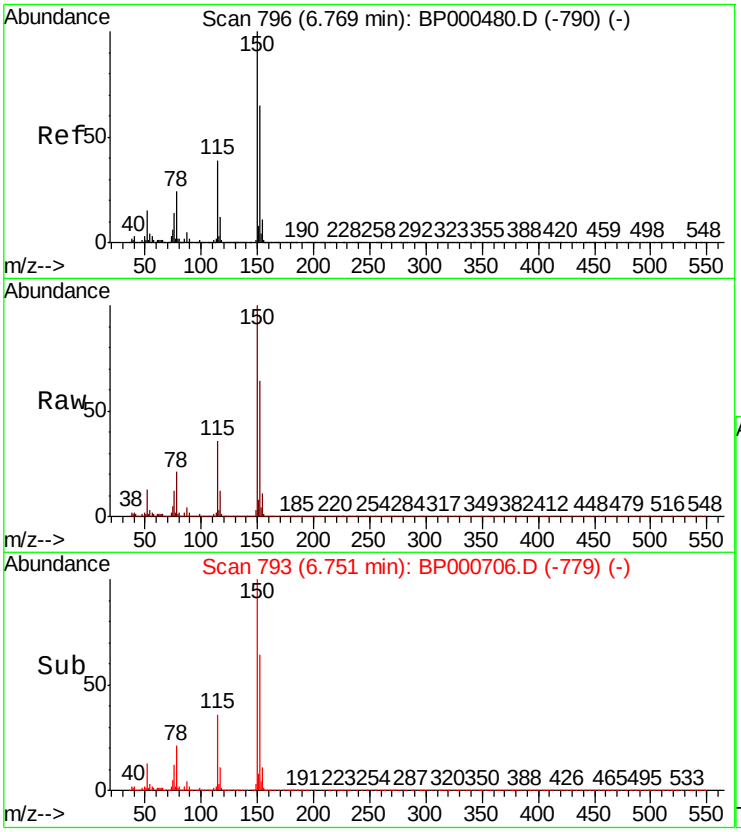
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
Data File : BP000706.D
Acq On : 14 Oct 2019 13:28
Operator : JU
Sample : K5348-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Oct 15 02:41:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration



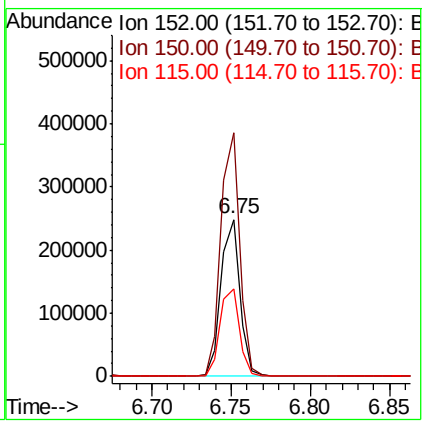


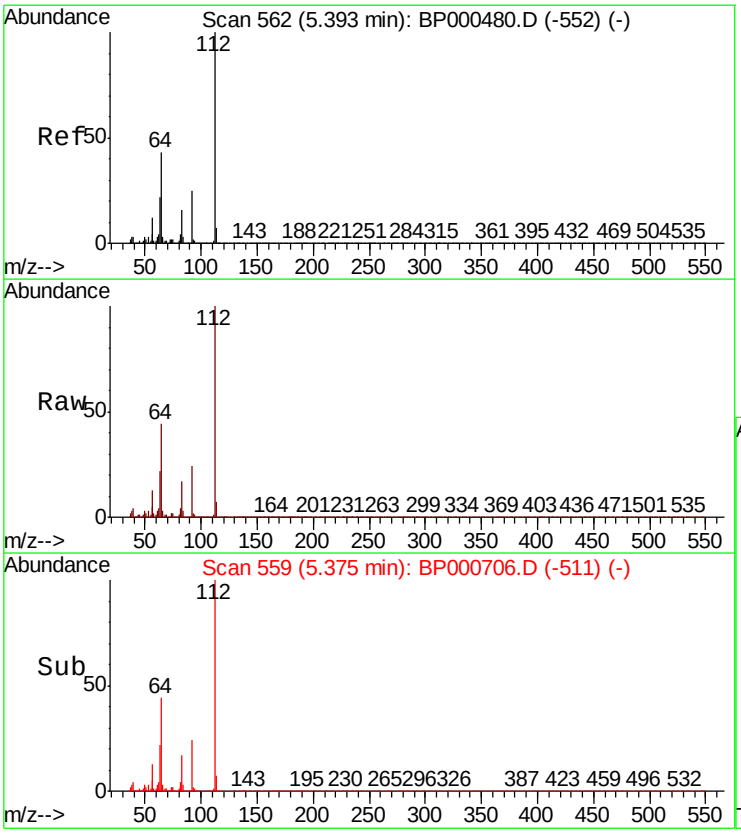
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 204398

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.1	186.1
115	55.9	48.7	73.1

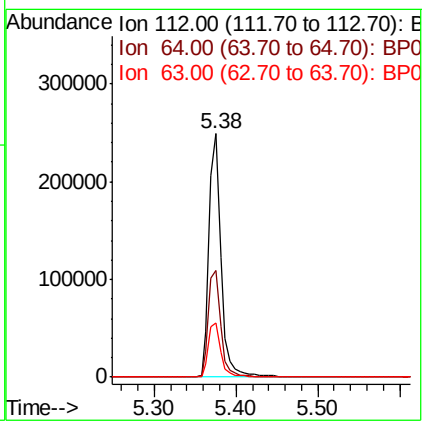


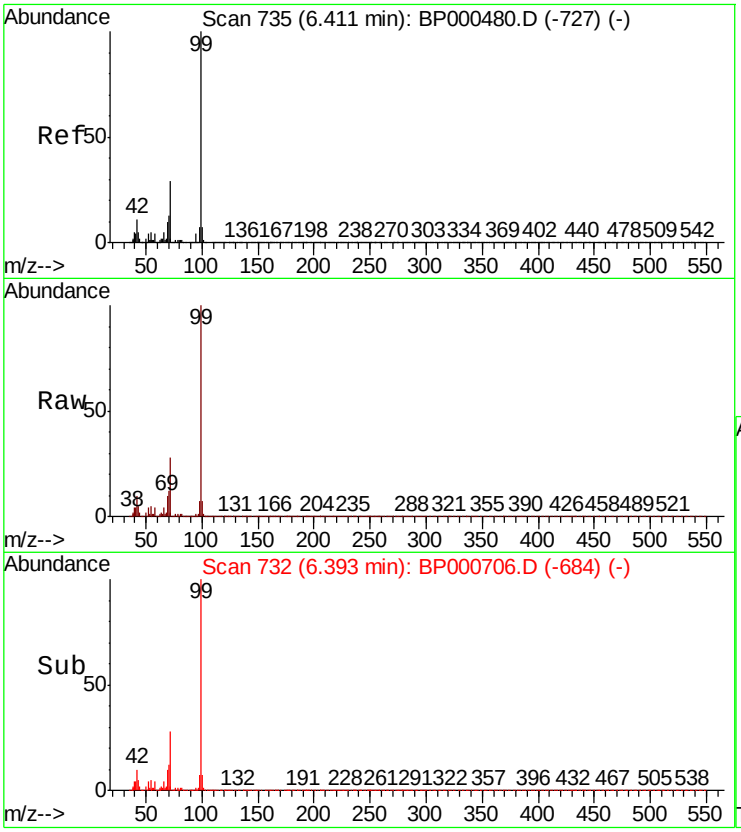


#5
2-Fluorophenol
Concen: 19.895 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion:112 Resp: 252974

Ion	Ratio	Lower	Upper
112	100		
64	44.0	34.2	51.4
63	22.0	17.9	26.9



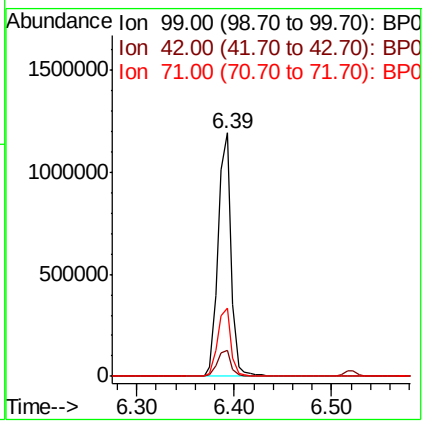


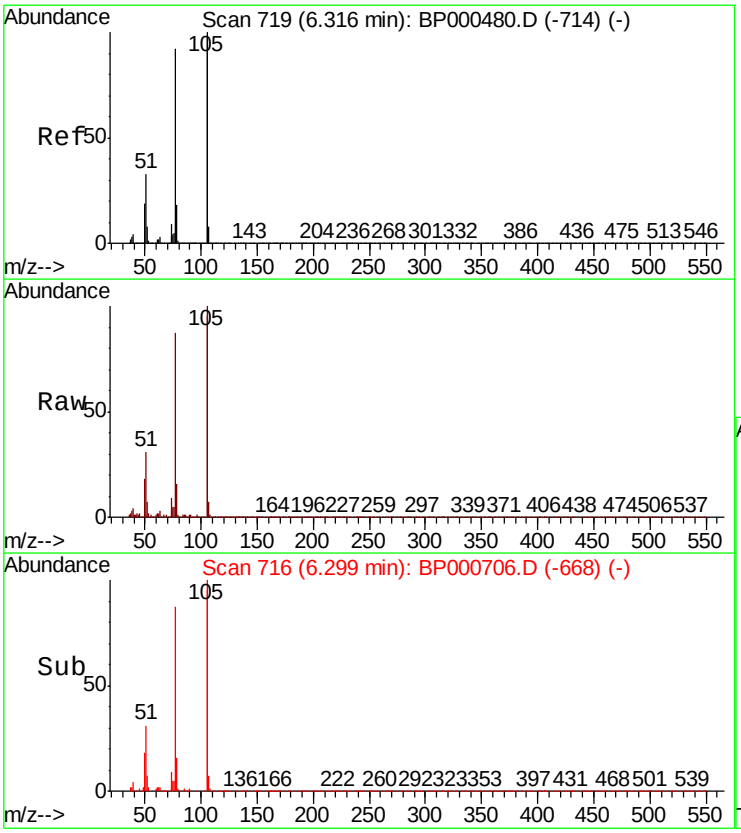
#7
Phenol-d6
Concen: 71.974 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1102850

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.6	12.8
71	28.2	23.0	34.4

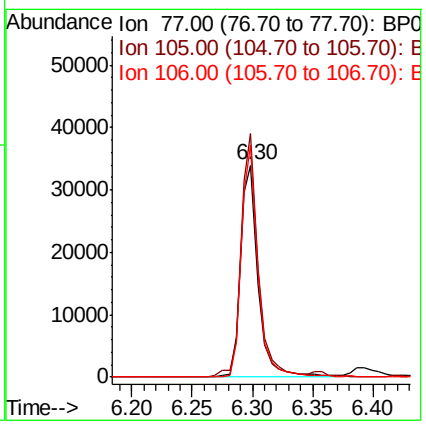


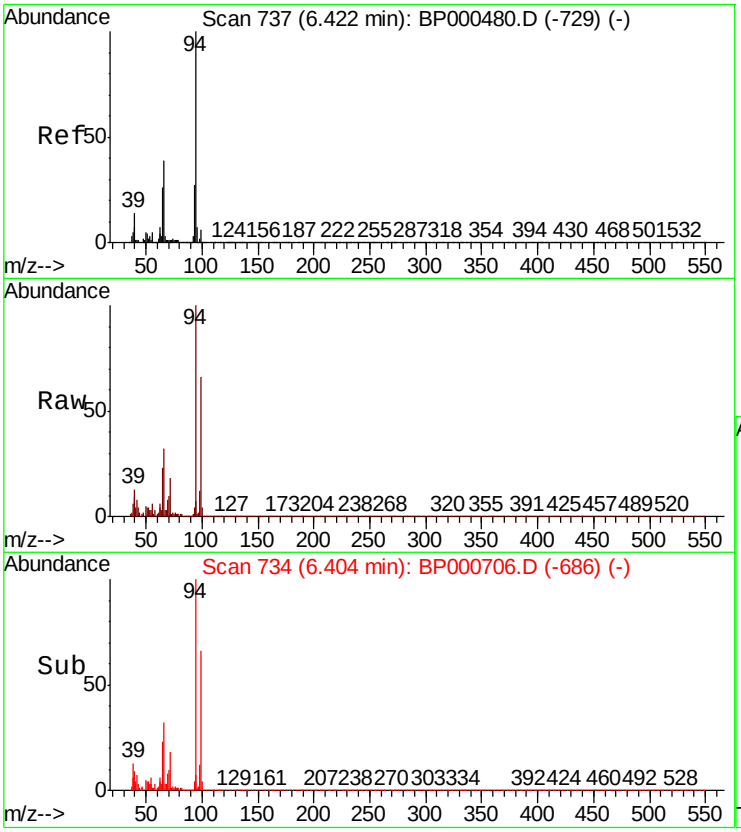


#9
Benzaldehyde
Concen: 4.260 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion: 77 Resp: 34000

Ion	Ratio	Lower	Upper
77	100		
105	115.0	88.3	128.3
106	109.5	85.7	125.7



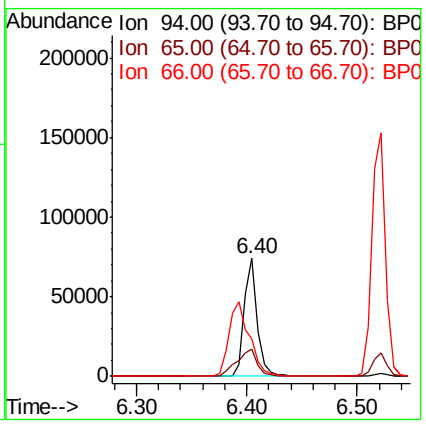


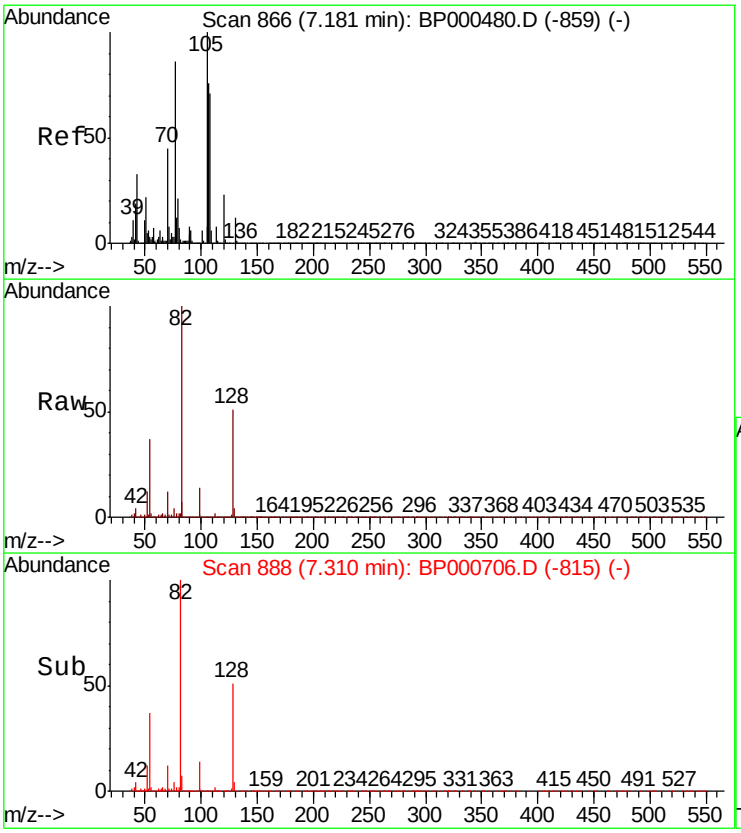
#10
Phenol
Concen: 3.941 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 61836

Ion	Ratio	Lower	Upper
94	100		
65	23.0	5.9	45.9
66	31.7	18.8	58.8

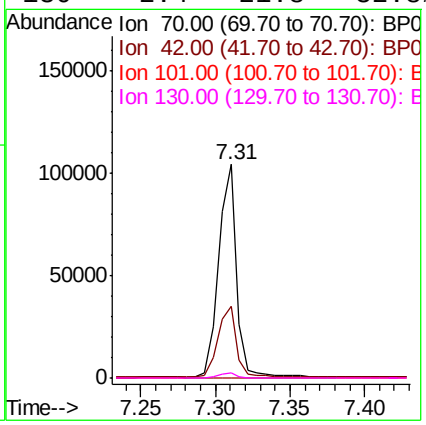


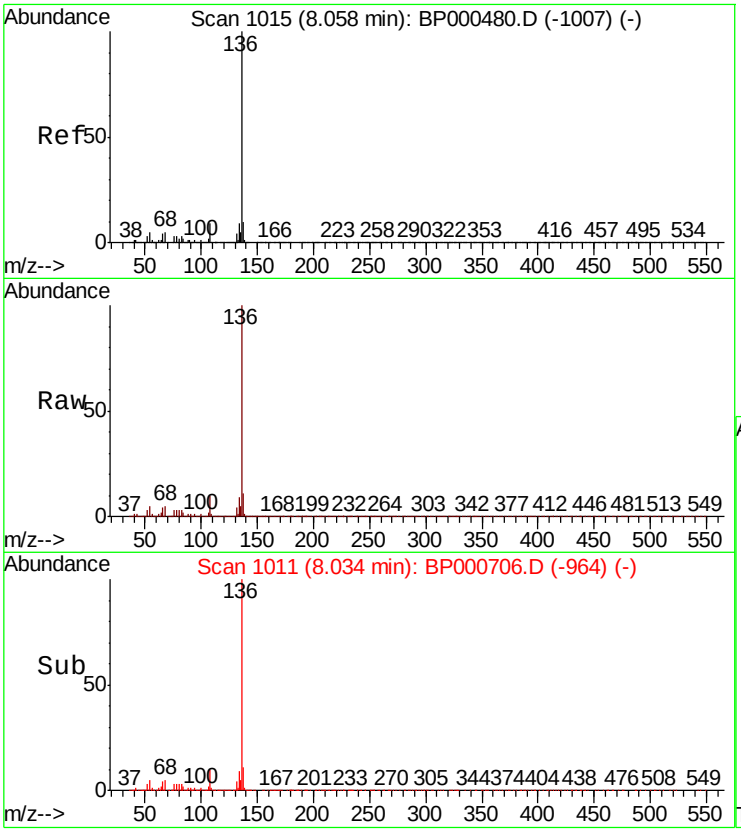


#19
n-Nitroso-di-n-propylamine
Concen: 12.426 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion: 70 Resp: 87761

Ion	Ratio	Lower	Upper
70	100		
42	33.6	33.2	49.8
101	0.1	9.9	14.9#
130	2.4	21.8	32.8#



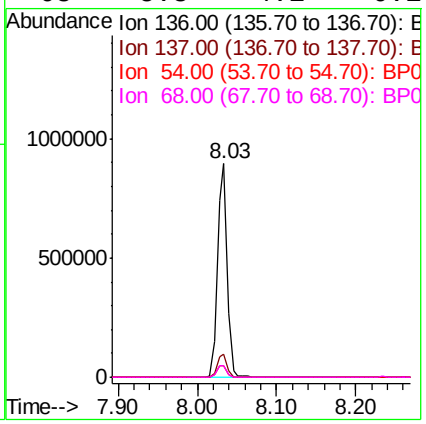


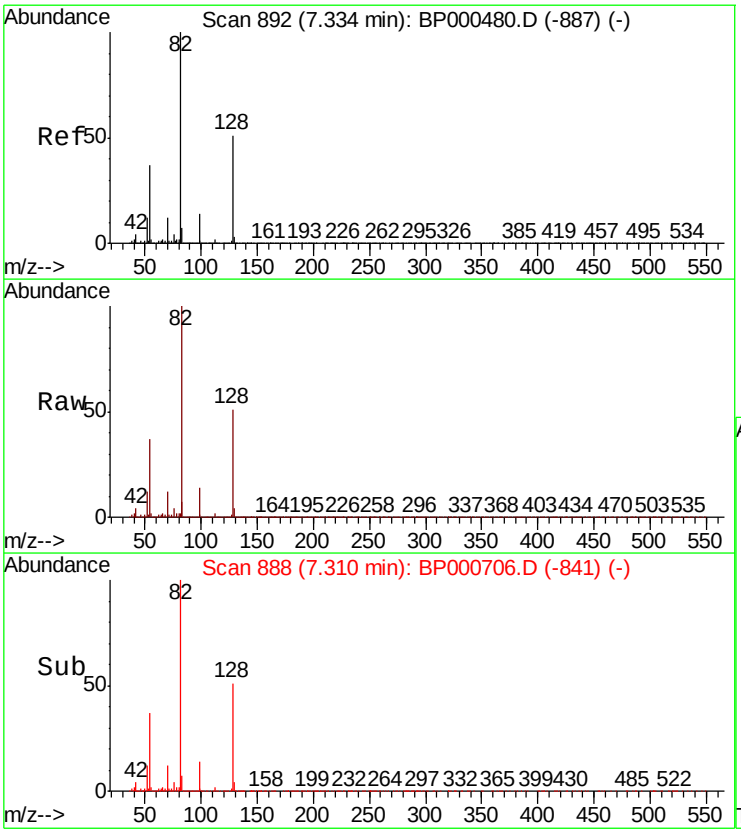
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 748392

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	5.2	4.1	6.1
68	5.3	4.1	6.1

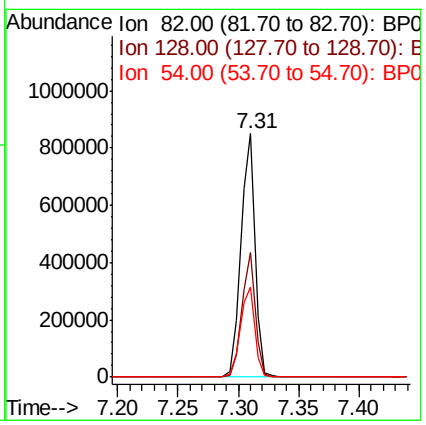


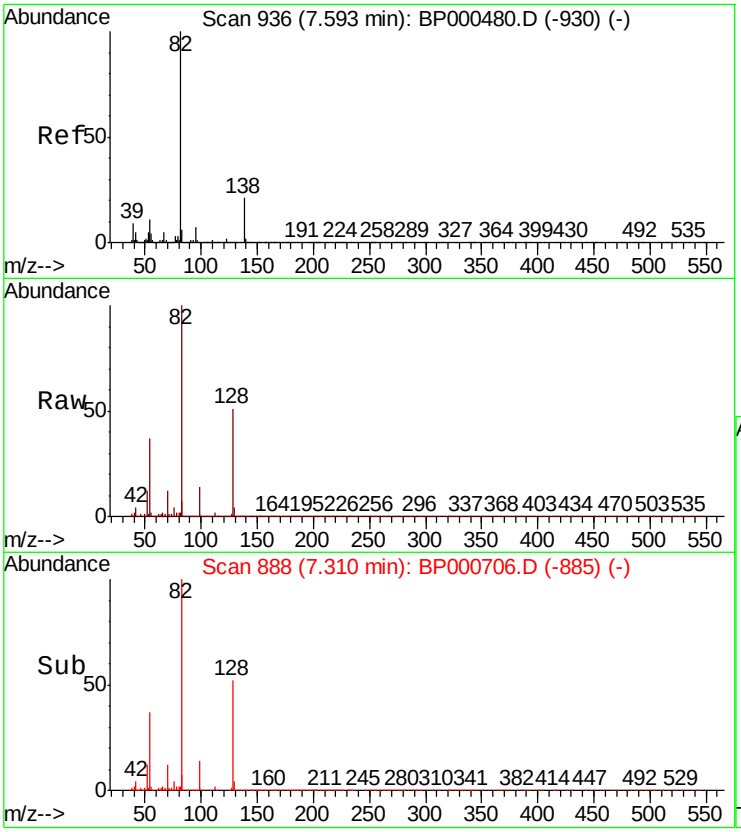


#23
Nitrobenzene-d5
Concen: 56.628 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion: 82 Resp: 693893

Ion	Ratio	Lower	Upper
82	100		
128	51.3	40.9	61.3
54	37.0	29.4	44.2



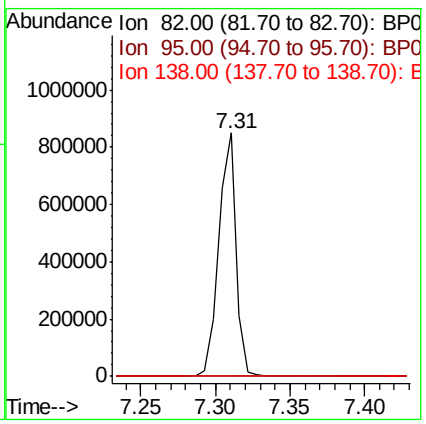


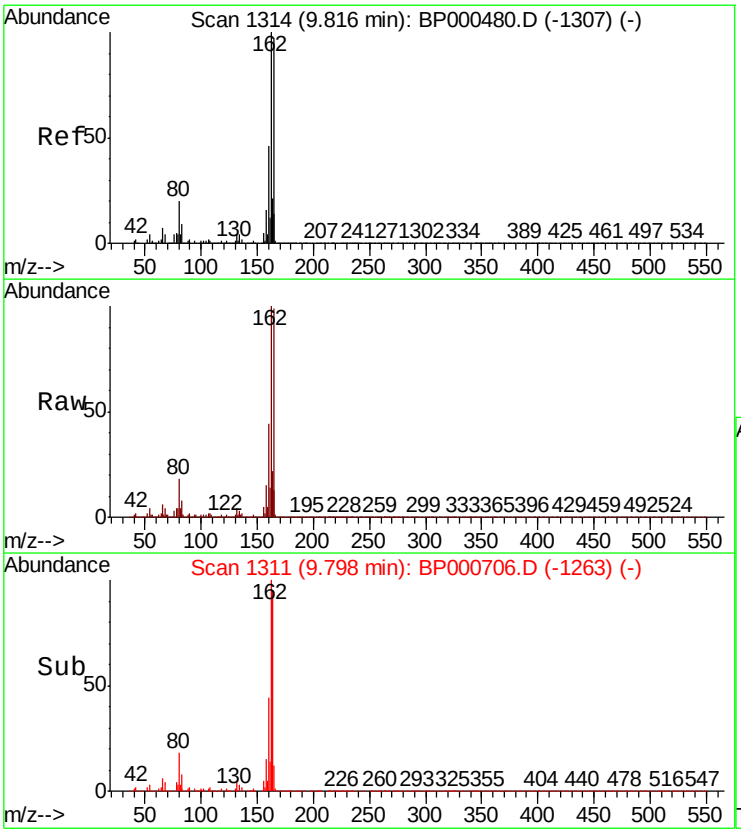
#25
Isophorone
Concen: 31.856 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 692788

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	17.0	25.4#

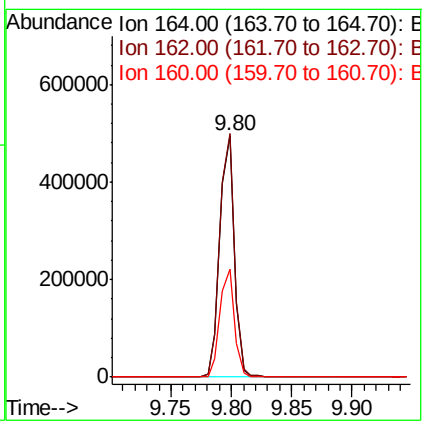


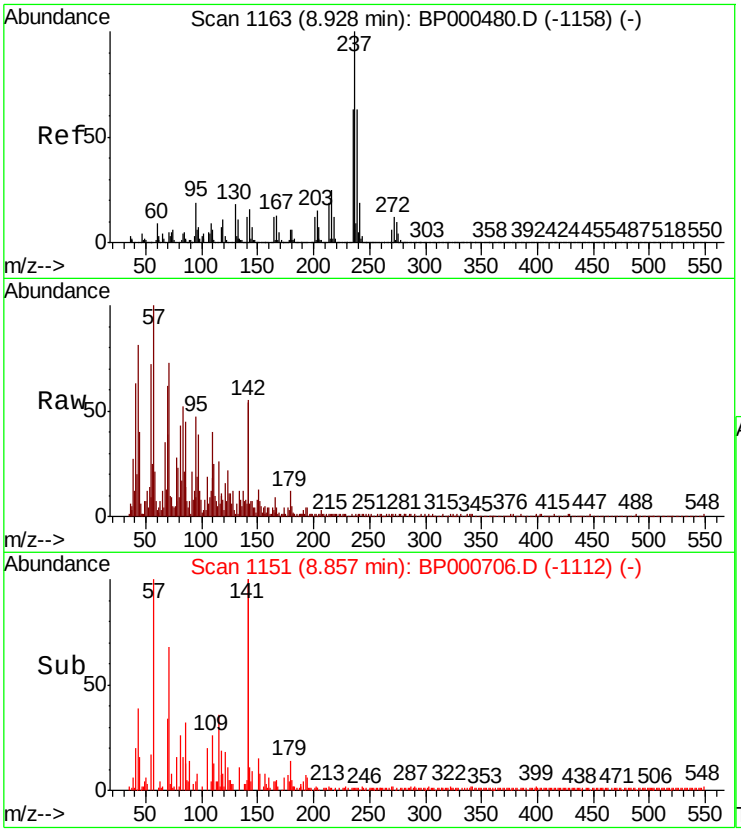


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion:164 Resp: 410161

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.2	123.2
160	44.6	37.6	56.4



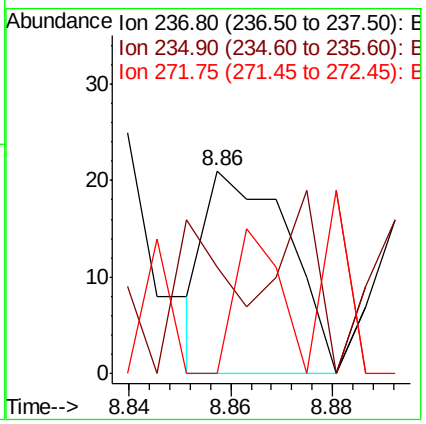


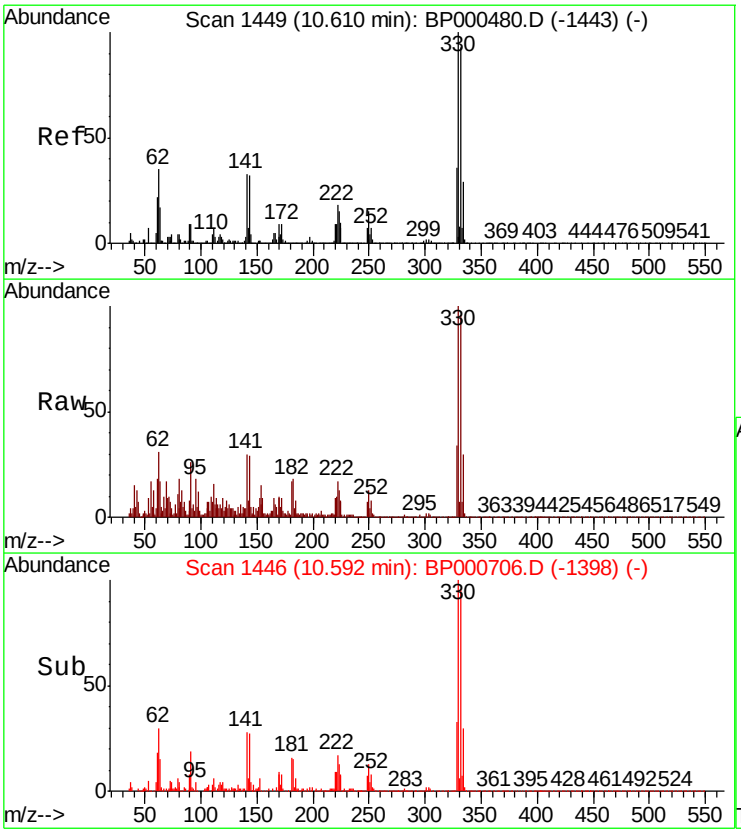
#41
Hexachlorocyclopentadiene
Concen: 7.301 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.07 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:237 Resp: 24

Ion	Ratio	Lower	Upper
237	100		
235	52.4	42.9	82.9
272	0.0	0.0	32.4

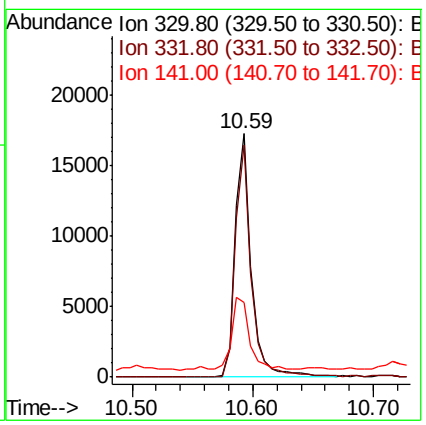


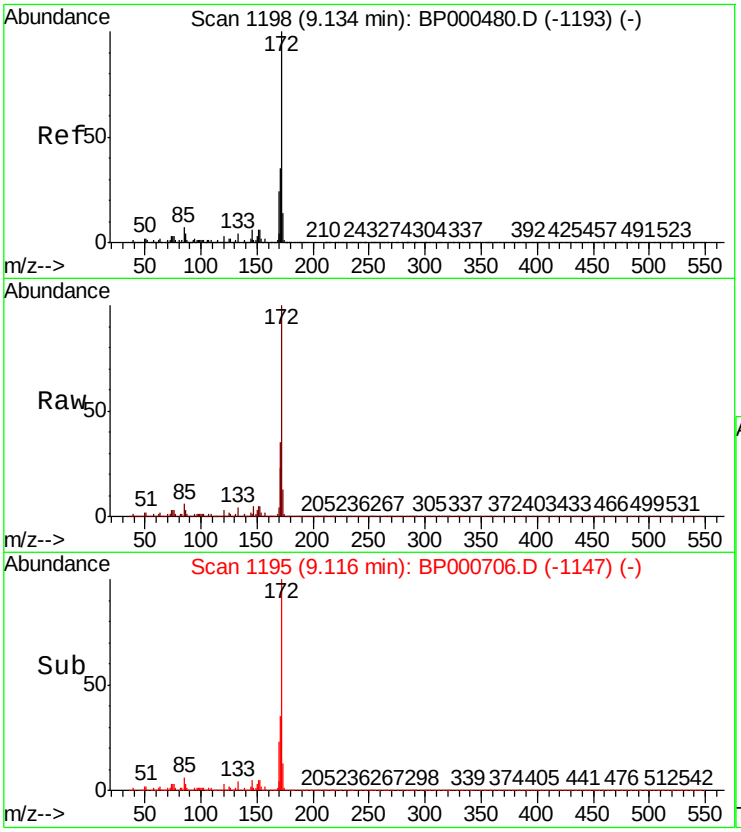


#42
2,4,6-Tribromophenol
Concen: 3.714 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion:330 Resp: 16233

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.1	115.7
141	33.0	26.0	39.0



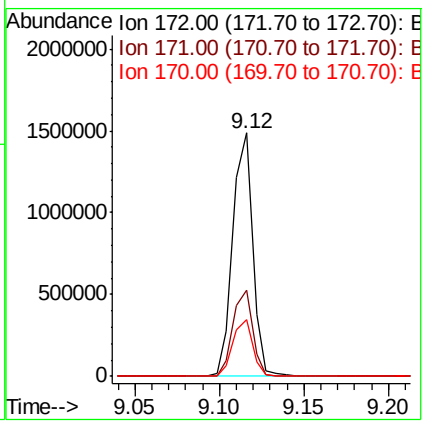


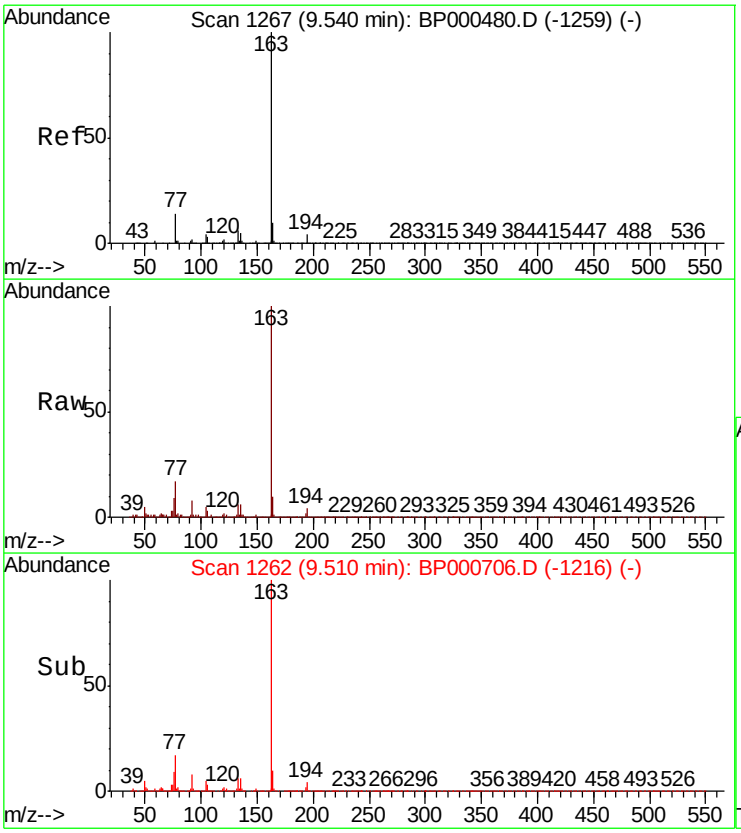
#45
2-Fluorobiphenyl
Concen: 47.950 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 1215528

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.4	42.6
170	23.4	19.1	28.7

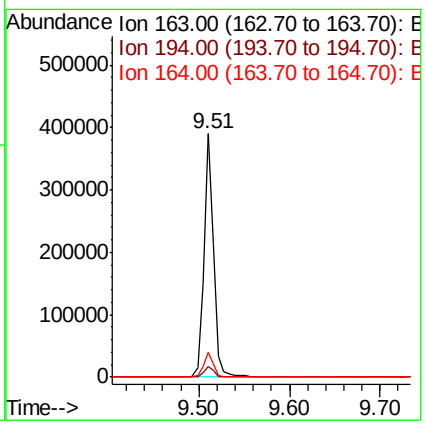


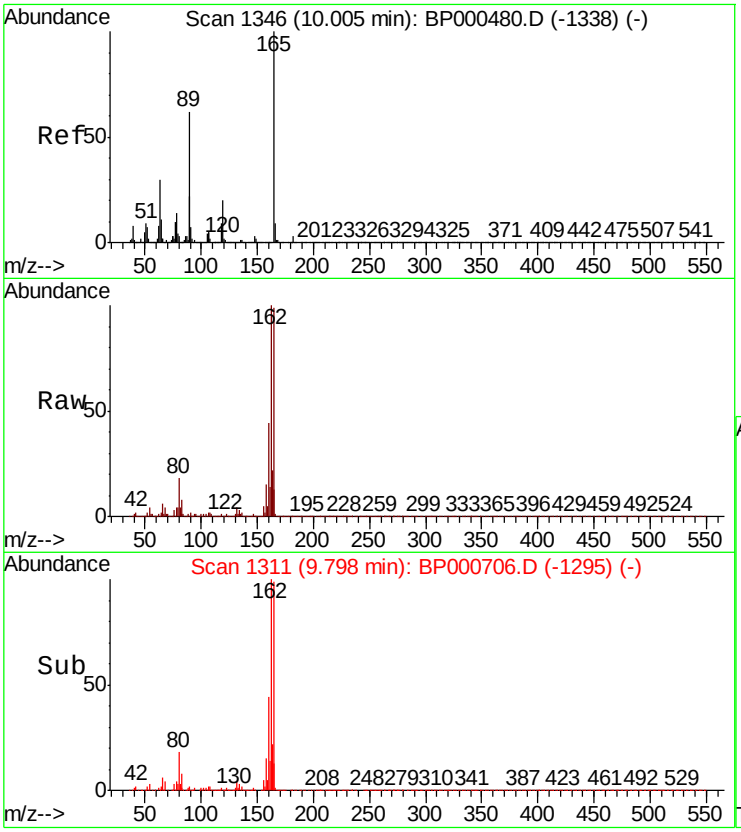


#50
Dimethylphthalate
Concen: 10.256 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion:163 Resp: 292309

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.1	8.0	12.0



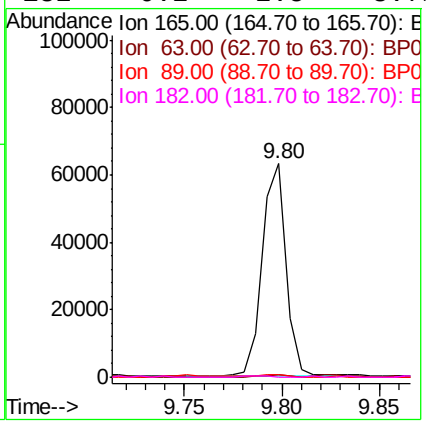


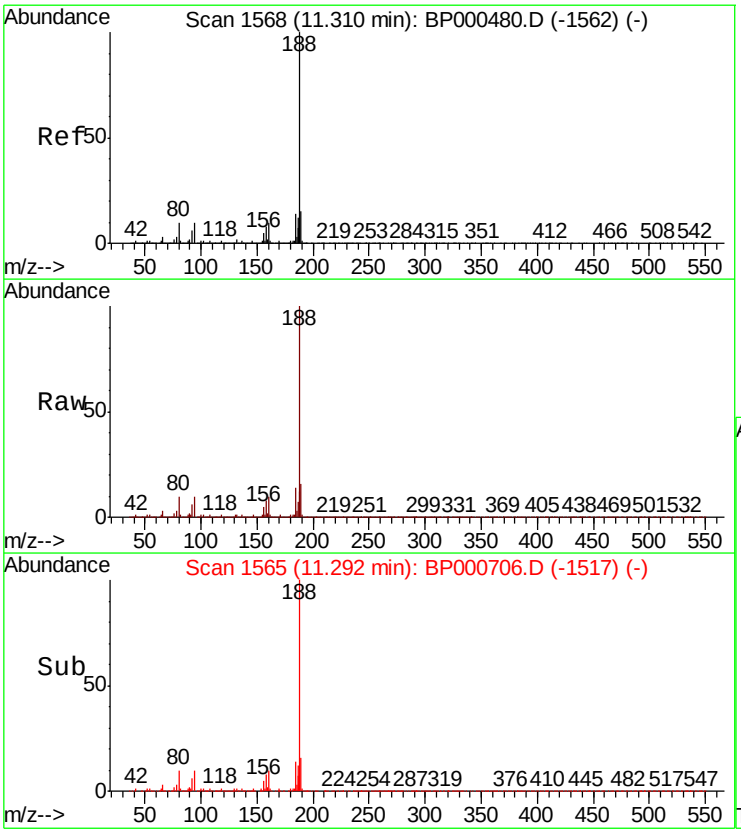
#57
2,4-Dinitrotoluene
Concen: 6.479 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 53393

Ion	Ratio	Lower	Upper
165	100		
63	1.0	24.2	36.4#
89	1.3	49.4	74.0#
182	0.2	2.5	3.7#

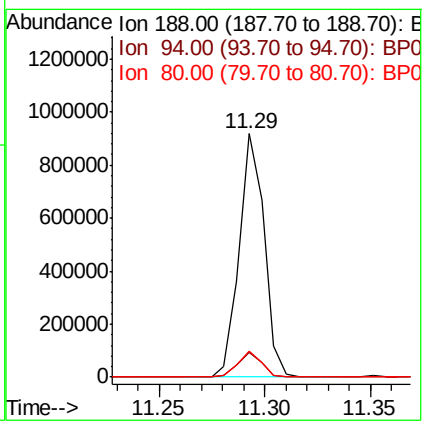


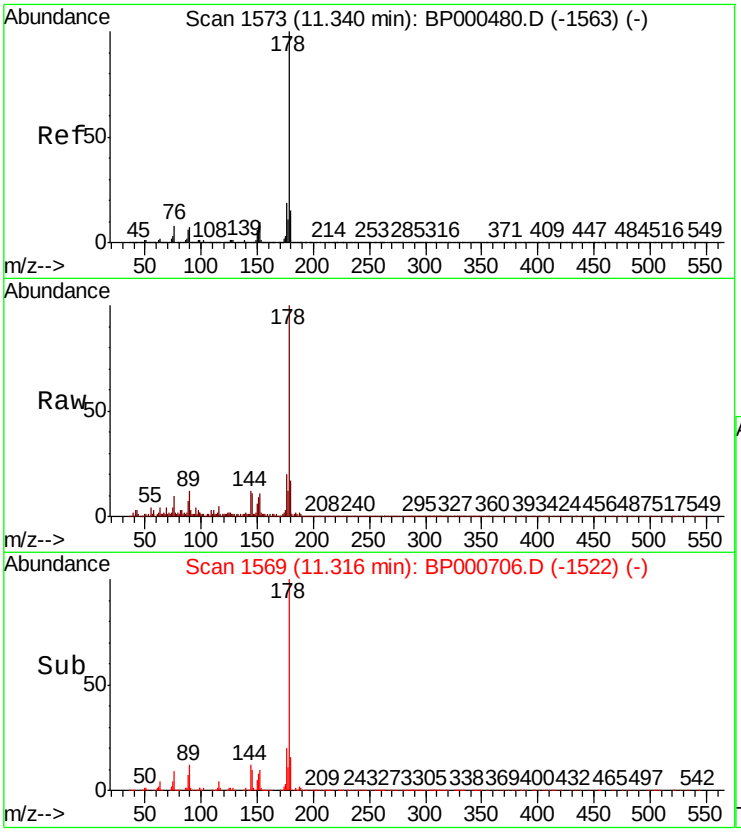


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion:188 Resp: 747793

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.2
80	10.5	8.3	12.5



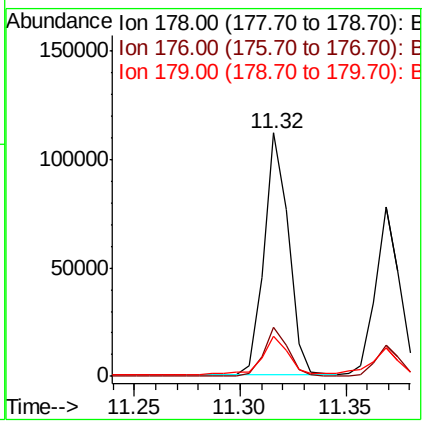


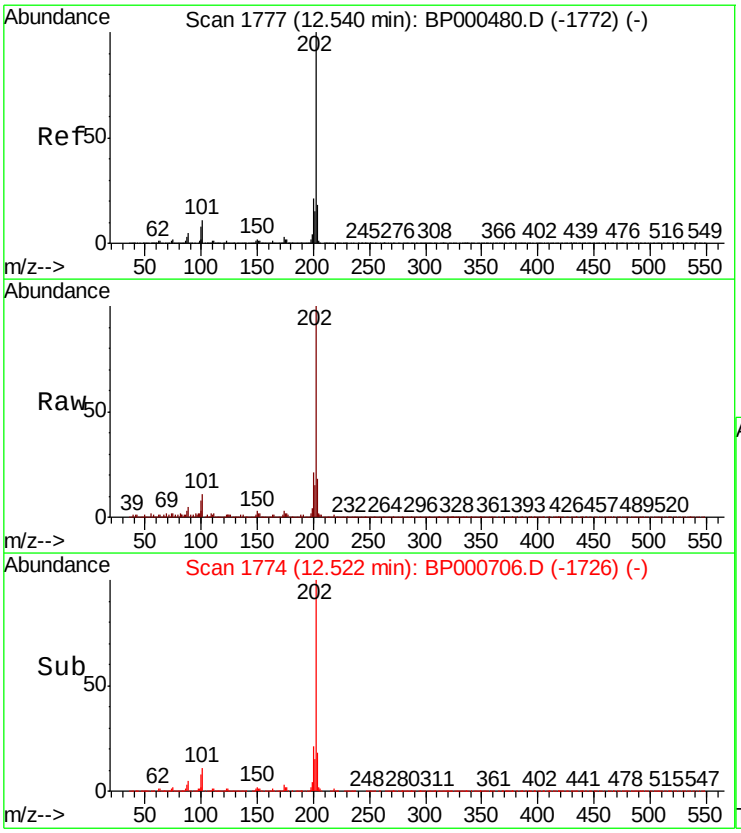
#71
Phenanthrene
Concen: 2.389 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 89735

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	16.6	12.2	18.4

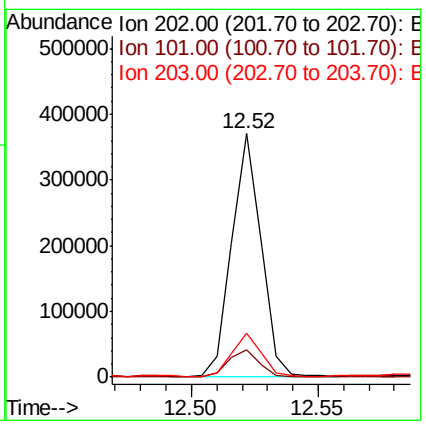


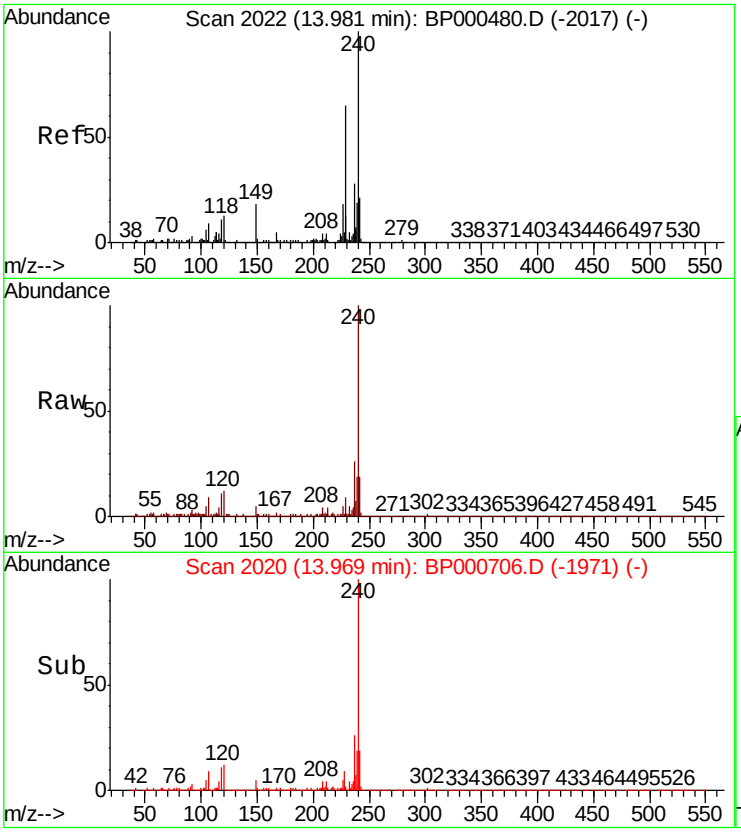


#75
Fluoranthene
Concen: 7.007 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion:202 Resp: 295552

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.3
203	17.8	0.0	38.1



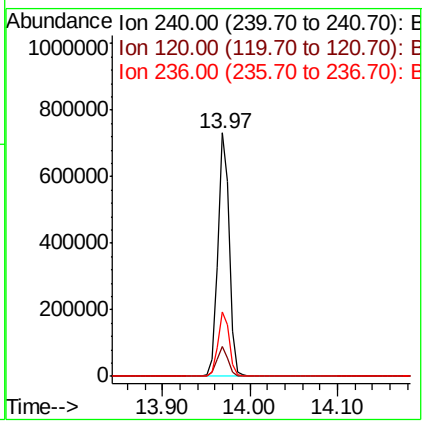


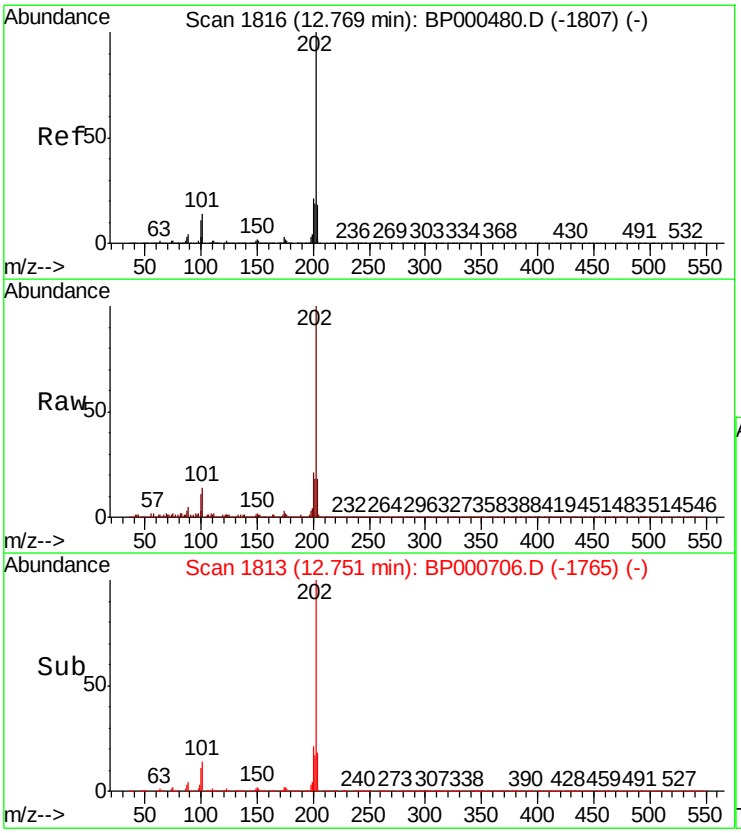
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 659699

Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.1	15.1
236	26.3	22.7	34.1

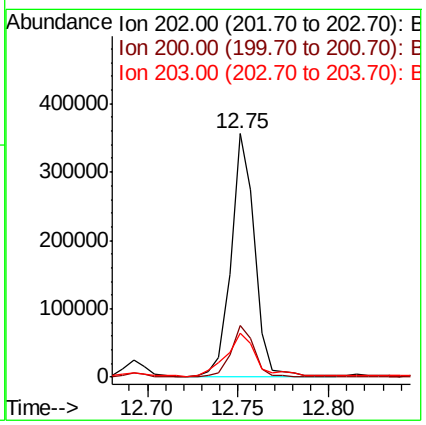


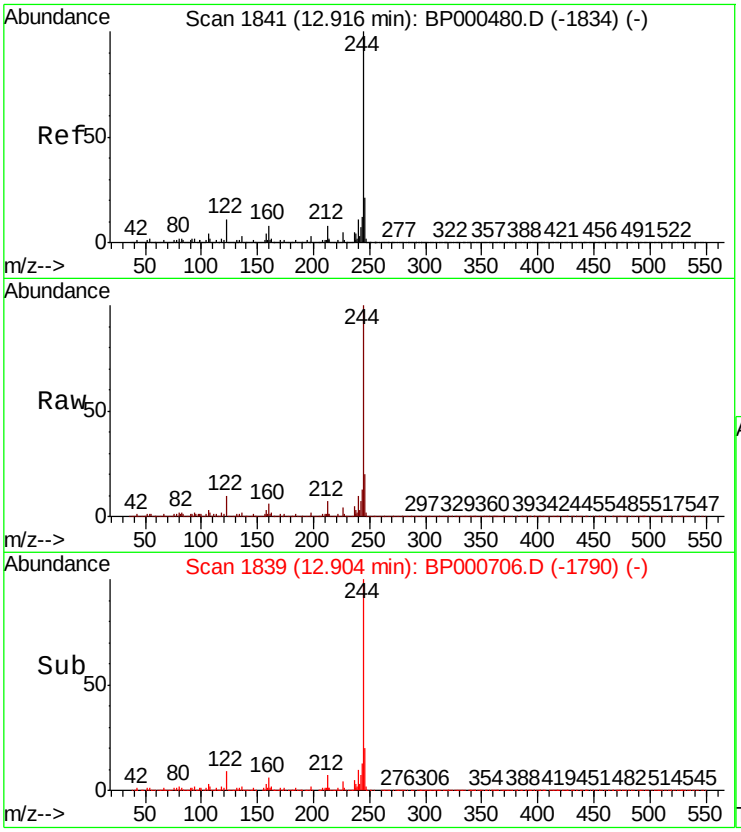


#78
Pyrene
Concen: 6.950 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion:202 Resp: 316201

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	18.1	14.6	21.8



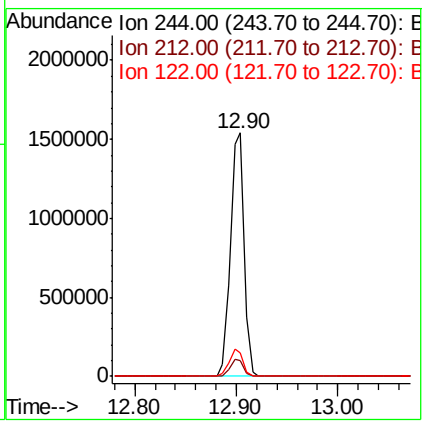


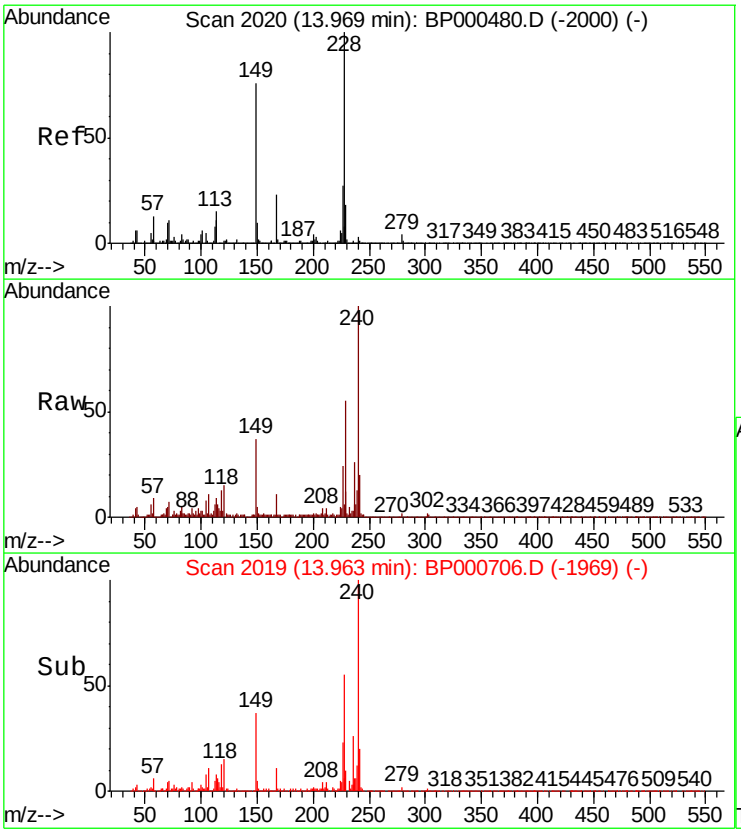
#79
Terphenyl-d14
Concen: 44.295 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 1443223

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	9.6	8.9	13.3

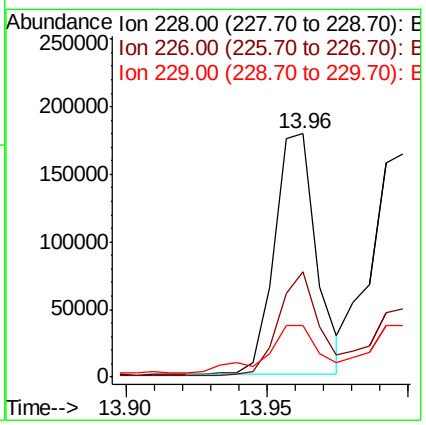


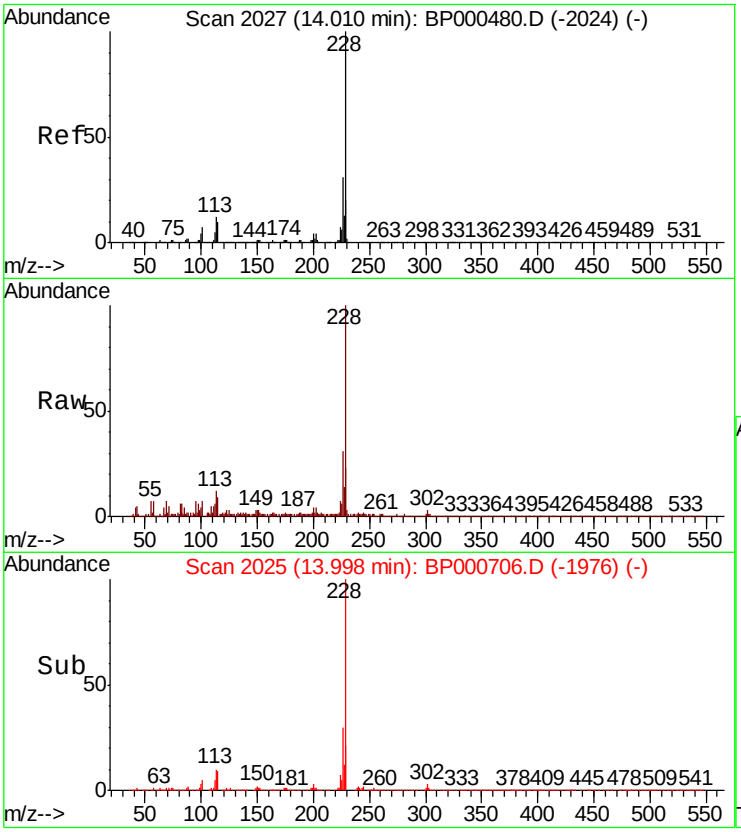


#81
Benzo(a)anthracene
Concen: 4.582 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion:228 Resp: 184441

Ion	Ratio	Lower	Upper
228	100		
226	43.3	21.4	32.2#
229	21.3	14.7	22.1



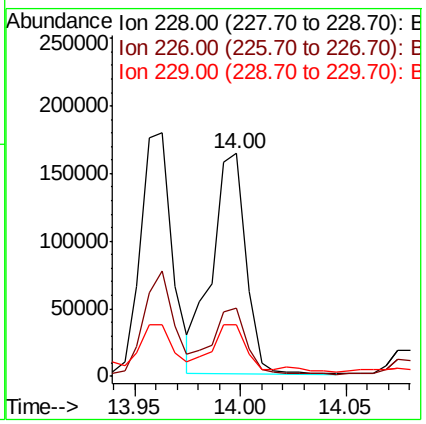


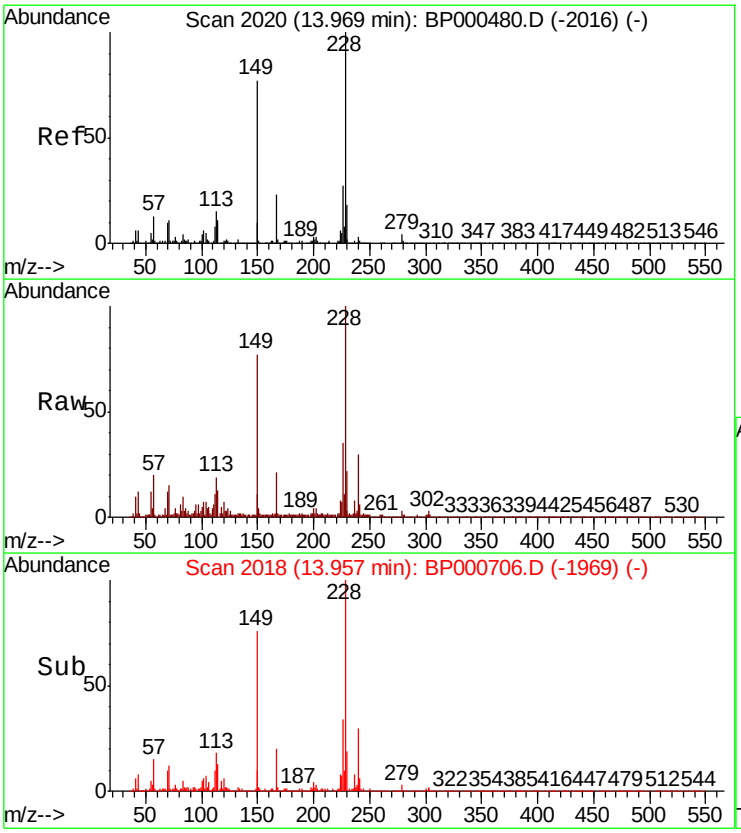
#83
Chrysene
Concen: 4.605 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 181912

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	23.1	16.3	24.5

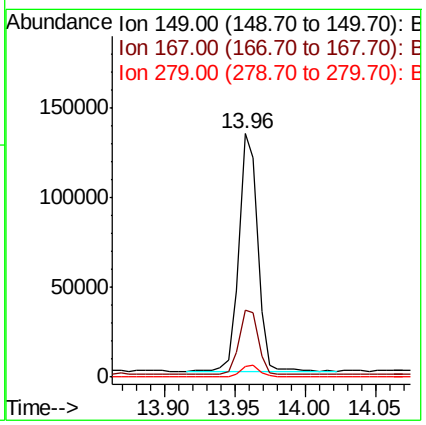


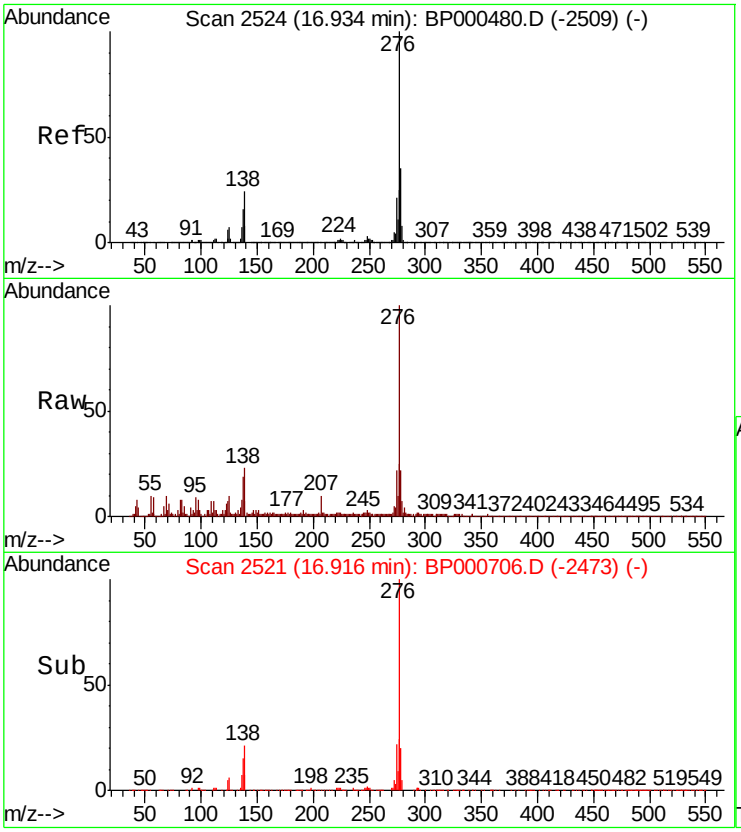


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.958 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion:149 Resp: 123639

Ion	Ratio	Lower	Upper
149	100		
167	27.3	23.6	35.4
279	4.1	3.9	5.9



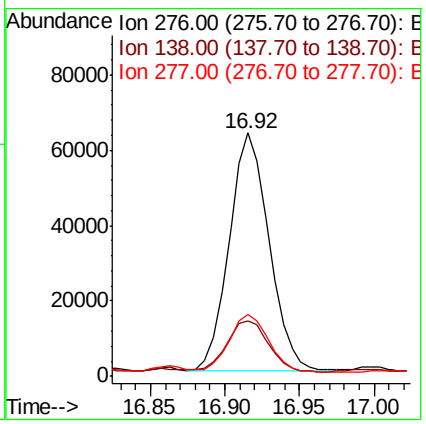


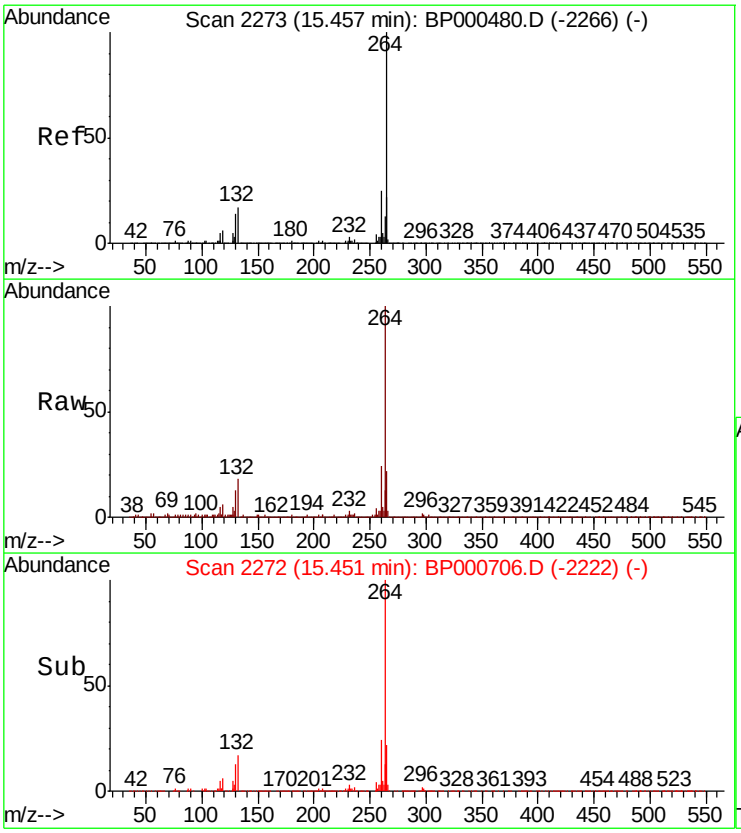
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.366 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 116784

Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.9	31.3
277	24.0	20.6	30.8

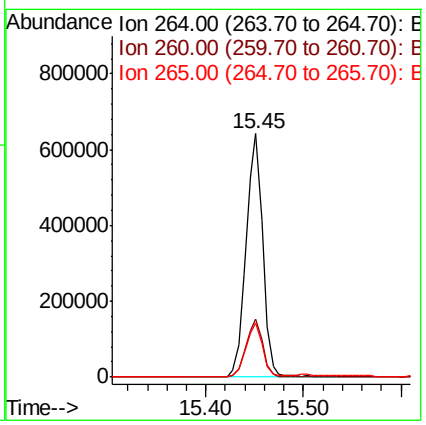


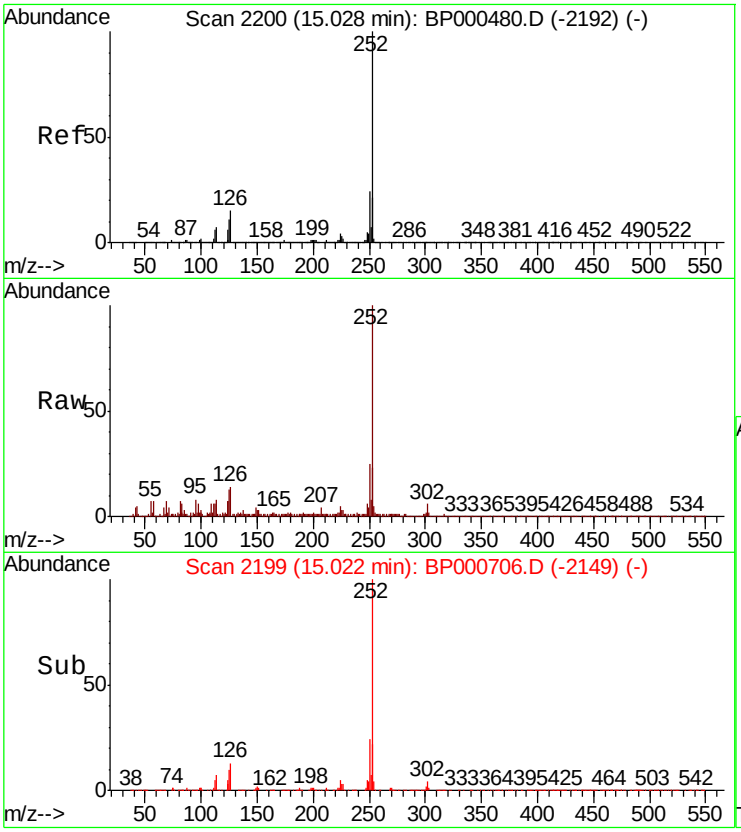


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion:264 Resp: 757725

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.3	30.5
265	22.2	18.0	27.0



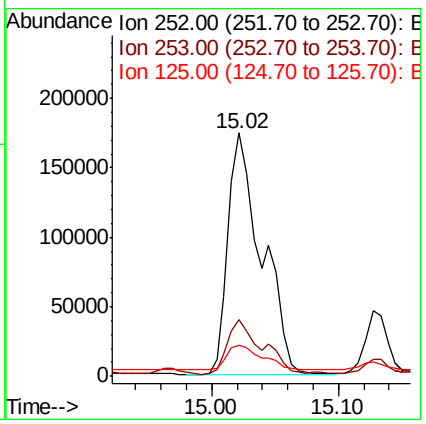


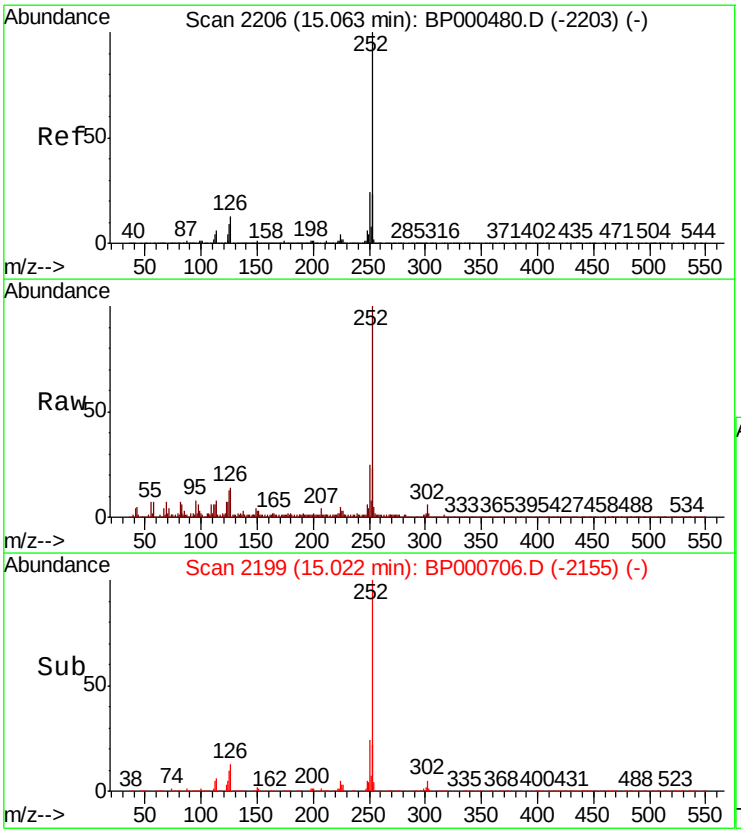
#88
Benzo(b)fluoranthene
Concen: 7.446 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 320091

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.4
125	13.0	8.9	13.3

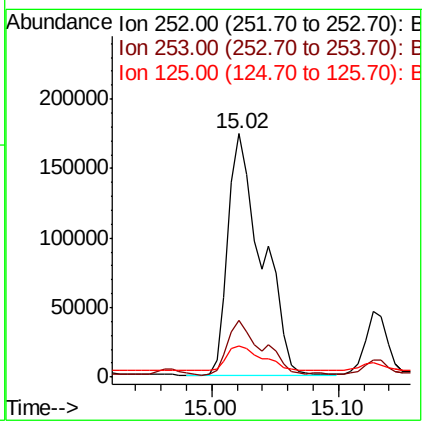


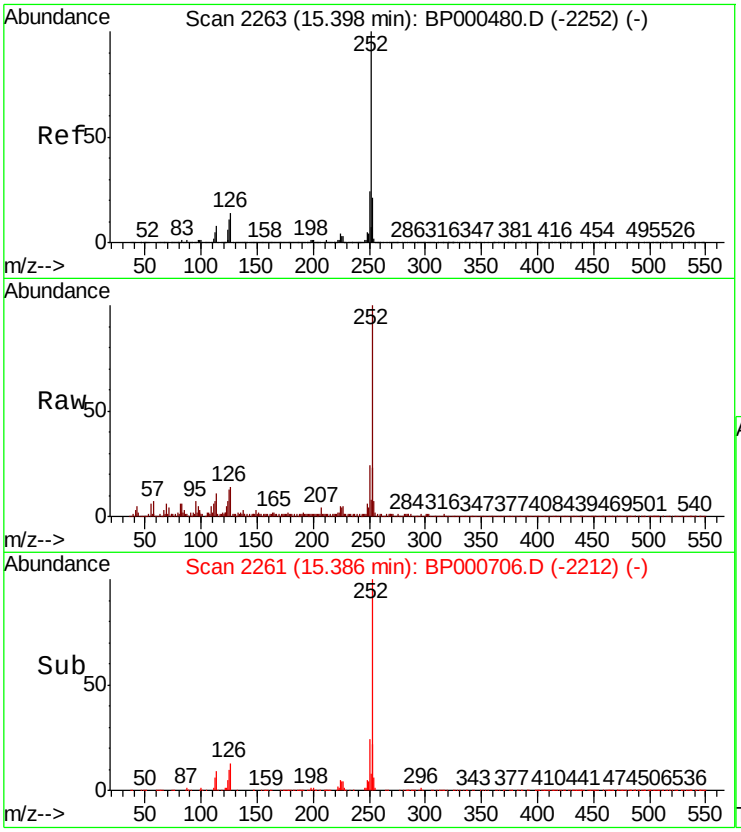


#89
Benzo(k)fluoranthene
Concen: 7.821 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion:252 Resp: 320091

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	13.0	7.8	11.8#



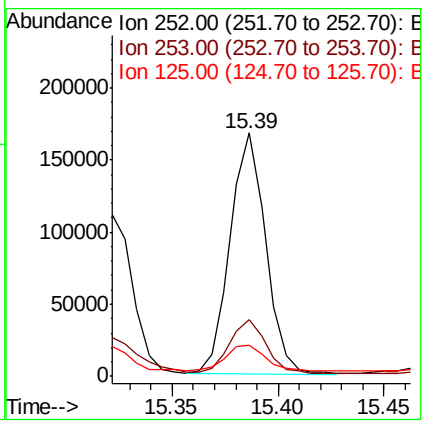


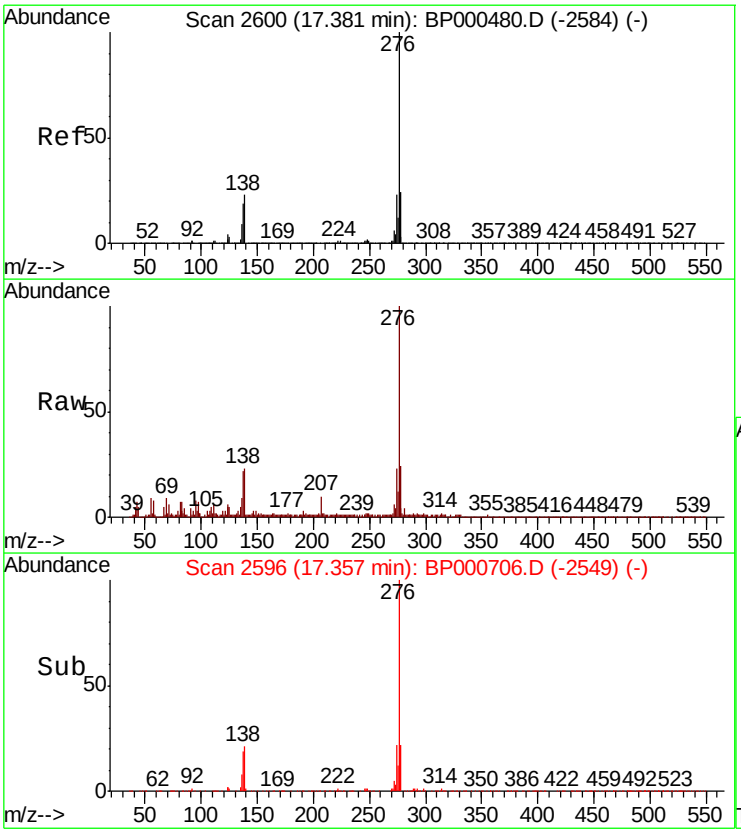
#90
Benzo(a)pyrene
Concen: 4.866 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 194989

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	12.7	8.4	12.6#





#92
Benzo(g,h,i)perylene
Concen: 3.170 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.02 min
Lab File: BP000706.D
Acq: 14 Oct 2019 13:28

Tgt Ion:276 Resp: 125183

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.2
138	23.3	18.5	27.7