Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000701.D
Acq On : 13 Oct 2019 04:54
Operator : JU
Sample : K5348-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Oct 14 04:43:45 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	231406	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	824396	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	443110	20.00	ng		-0.02
64) Phenanthrene-d10	11.29	188	786873	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	649348	20.00	ng		-0.01
87) Perylene-d12	15.45	264	688553	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	231470	16.08	ng		-0.02
7) Phenol-d6	6.39	99	1458324	84.06	ng		-0.02
23) Nitrobenzene-d5	7.31	82	913317	67.66	ng		-0.02
42) 2,4,6-Tribromophenol	10.59	330	9233	1.96	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	1587668	57.97	ng		-0.02
79) Terphenyl-d14	12.90	244	1705599	53.18	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.29	77	68284	7.557	ng		98
10) Phenol	6.40	94	144764	8.150	ng		92
15) Benzyl Alcohol	6.90	79	28596	2.552	ng	#	47
19) n-Nitroso-di-n-propylamine	7.31	70	114477	14.316	ng	#	73
25) Isophorone	7.31	82	912368	38.085	ng	#	61
41) Hexachlorocyclopentadiene	8.90	237	17	7.300	ng		95
49) Acenaphthylene	9.66	152	80099	2.053	ng		99
50) Dimethylphthalate	9.51	163	352836	11.460	ng		99
57) 2,4-Dinitrotoluene	9.80	165	57948	6.509	ng	#	32
71) Phenanthrene	11.32	178	130807	3.310	ng		99
72) Anthracene	11.37	178	87920	2.244	ng		99
75) Fluoranthene	12.52	202	465961	10.498	ng		99
78) Pyrene	12.75	202	475329	10.614	ng		99
81) Benzo(a)anthracene	13.96	228	290442	7.331	ng	#	84
83) Chrysene	13.99	228	274969	7.071	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	175986	7.170	ng		99
86) Indeno(1,2,3-cd)pyrene	16.91	276	145035	2.986	ng		96
88) Benzo(b)fluoranthene	15.02	252	506829	12.975	ng	#	95
89) Benzo(k)fluoranthene	15.02	252	506829	13.628	ng	#	96
90) Benzo(a)pyrene	15.38	252	285426	7.838	ng	#	93
92) Benzo(g,h,i)perylene	17.35	276	141987	3.956	ng		100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000701.D
Acq On : 13 Oct 2019 04:54
Operator : JU
Sample : K5348-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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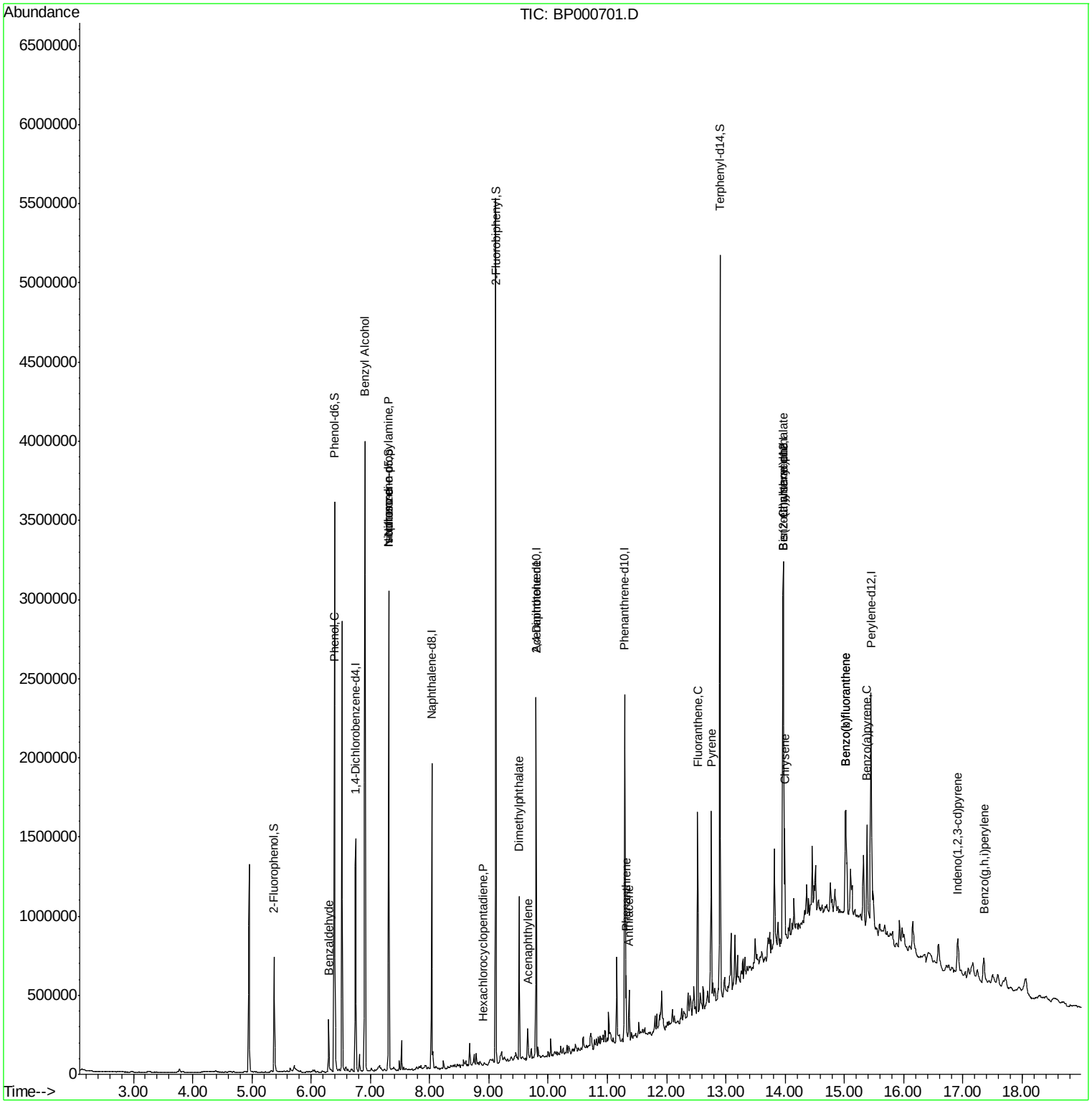
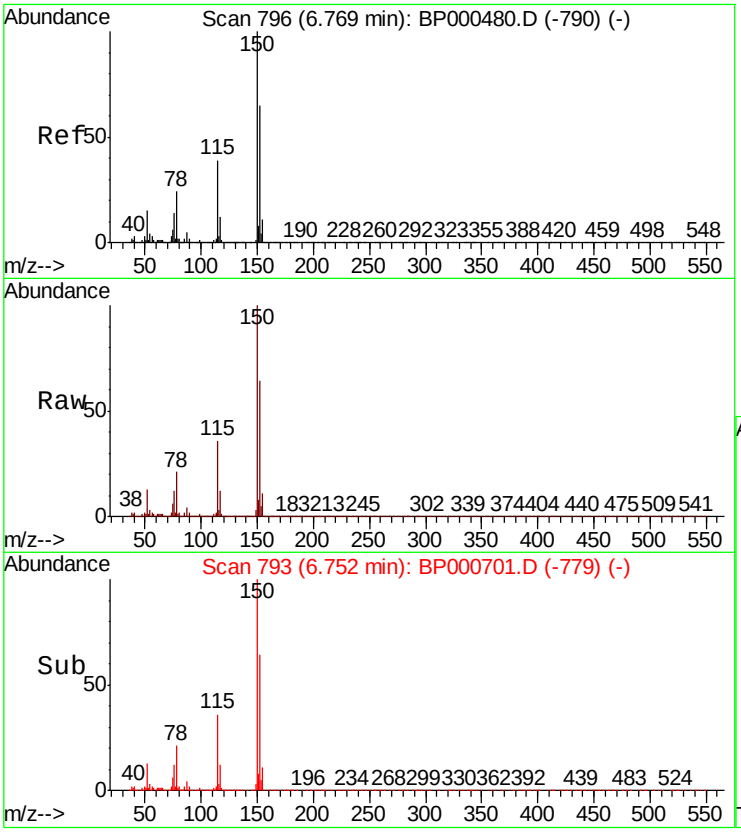


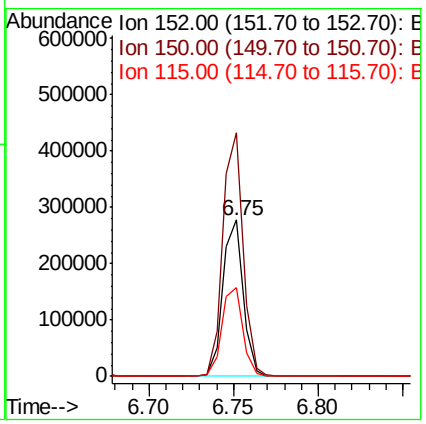


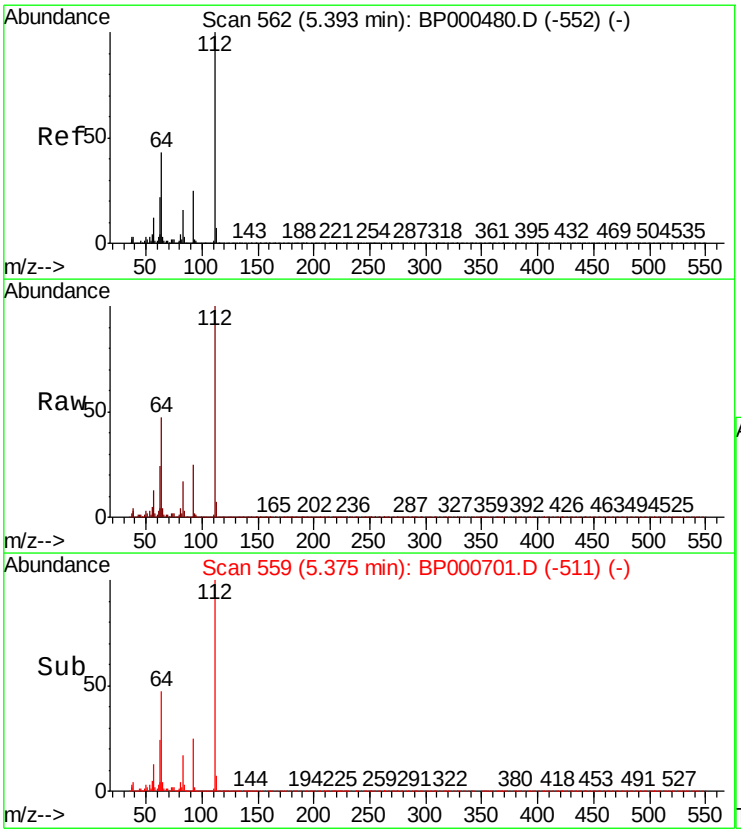
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 231406

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.1	186.1
115	56.9	48.7	73.1

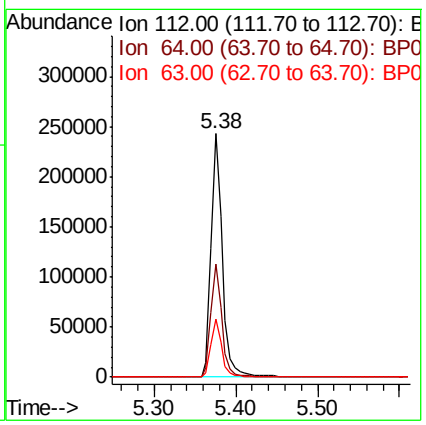


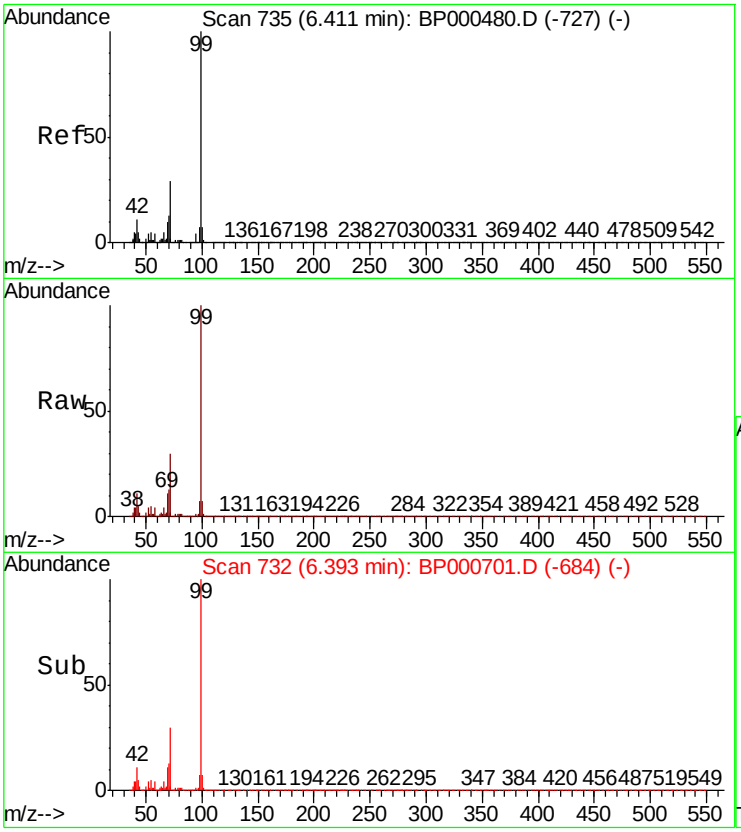


#5
2-Fluorophenol
Concen: 16.079 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Tgt Ion:112 Resp: 231470

Ion	Ratio	Lower	Upper
112	100		
64	46.5	34.2	51.4
63	23.7	17.9	26.9



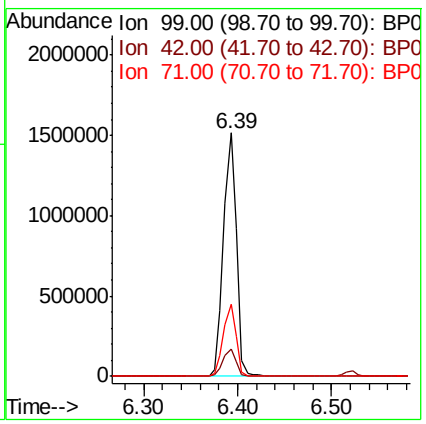


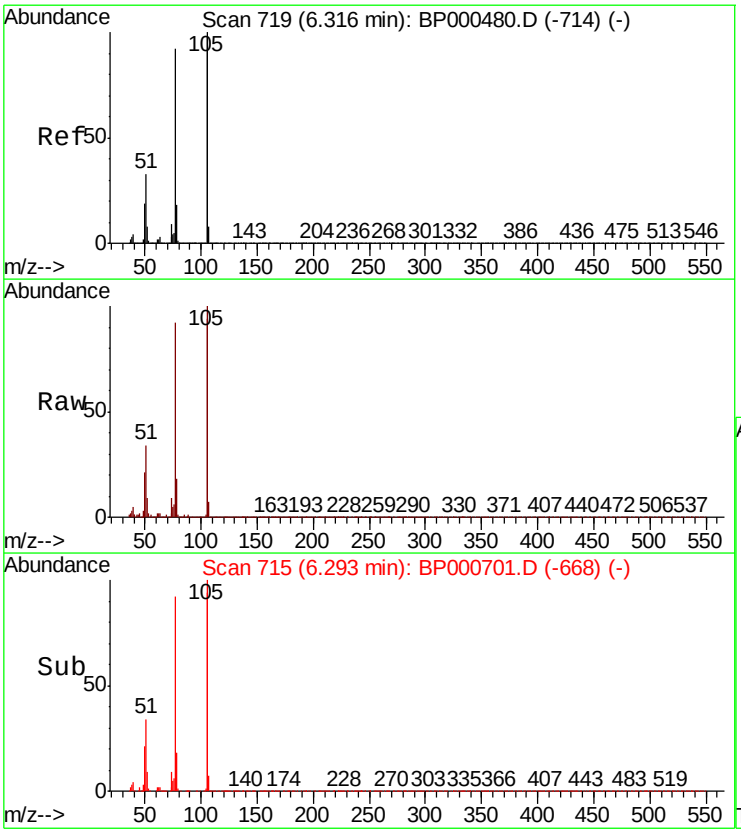
#7
Phenol-d6
Concen: 84.064 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1458324

Ion	Ratio	Lower	Upper
99	100		
42	11.1	8.6	12.8
71	29.6	23.0	34.4

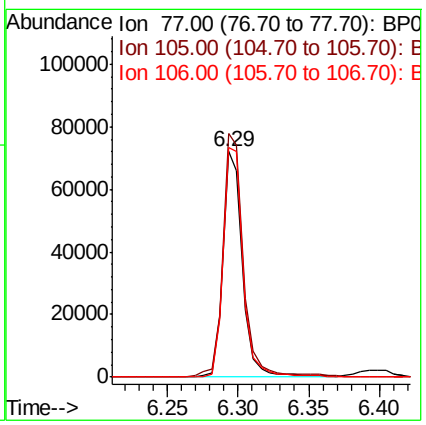


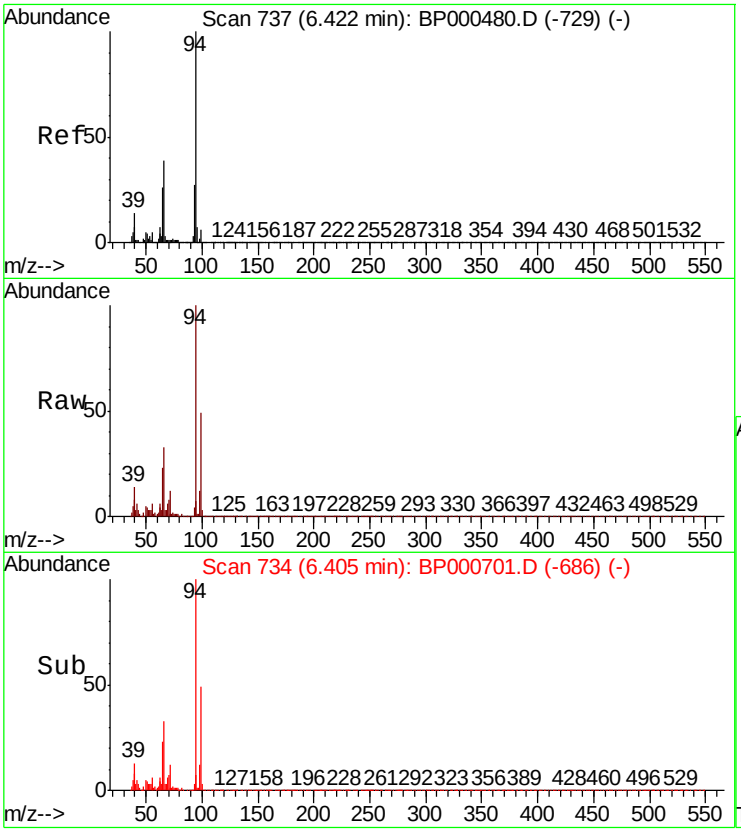


#9
Benzaldehyde
Concen: 7.557 ng
RT: 6.29 min Scan# 715
Delta R.T. -0.02 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Tgt Ion: 77 Resp: 68284

Ion	Ratio	Lower	Upper
77	100		
105	108.1	88.3	128.3
106	101.8	85.7	125.7



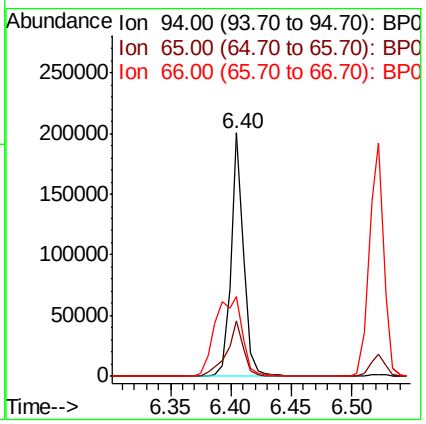


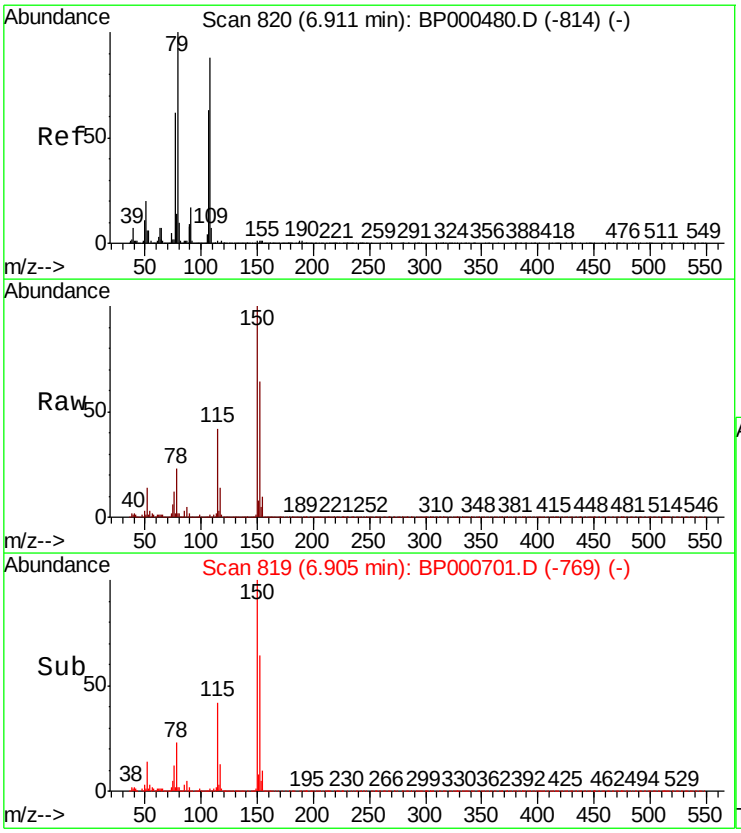
#10
Phenol
Concen: 8.150 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 144764

Ion	Ratio	Lower	Upper
94	100		
65	23.0	5.9	45.9
66	32.8	18.8	58.8

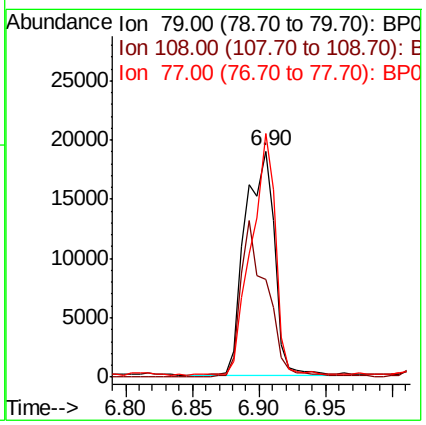


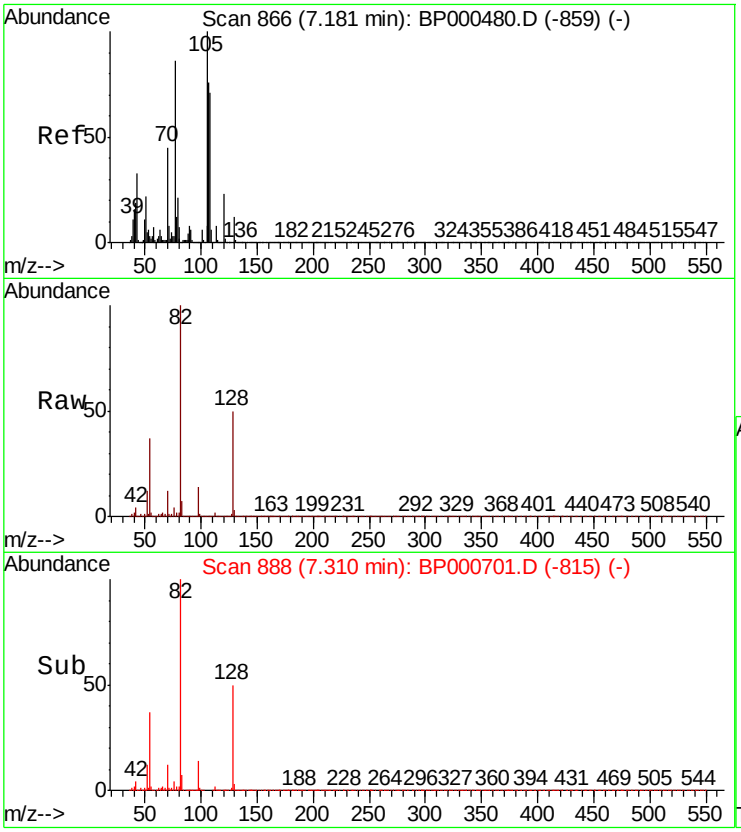


#15
Benzyl Alcohol
Concen: 2.552 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Tgt Ion: 79 Resp: 28596

Ion	Ratio	Lower	Upper
79	100		
108	42.9	70.8	106.2#
77	107.7	50.0	75.0#



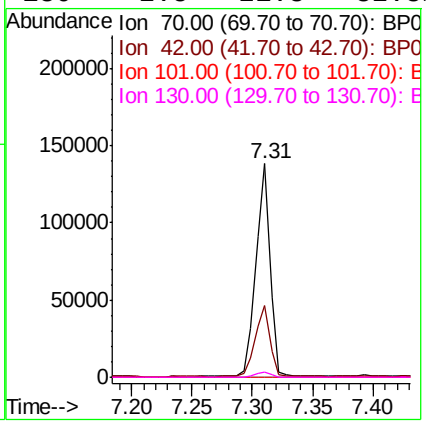


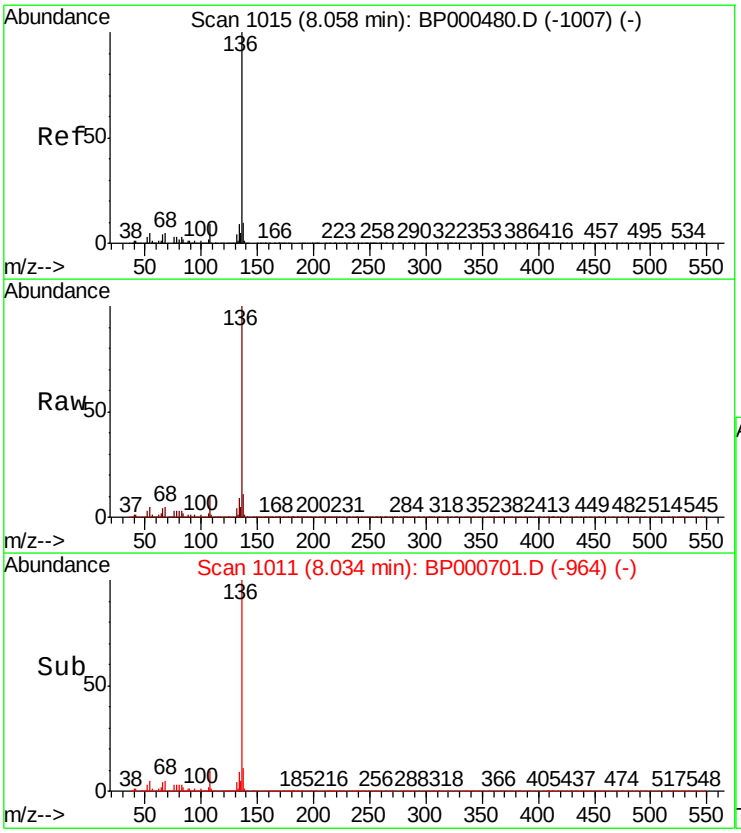
#19
n-Nitroso-di-n-propylamine
Concen: 14.316 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 114477

Ion	Ratio	Lower	Upper
70	100		
42	33.7	33.2	49.8
101	0.1	9.9	14.9#
130	2.5	21.8	32.8#

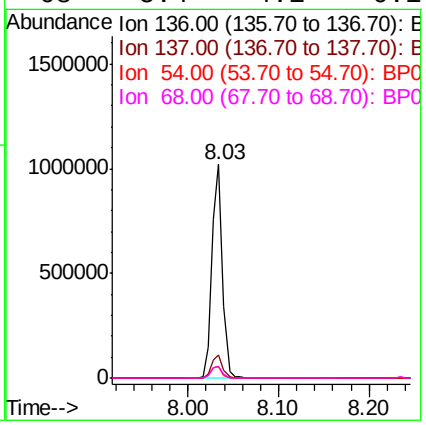


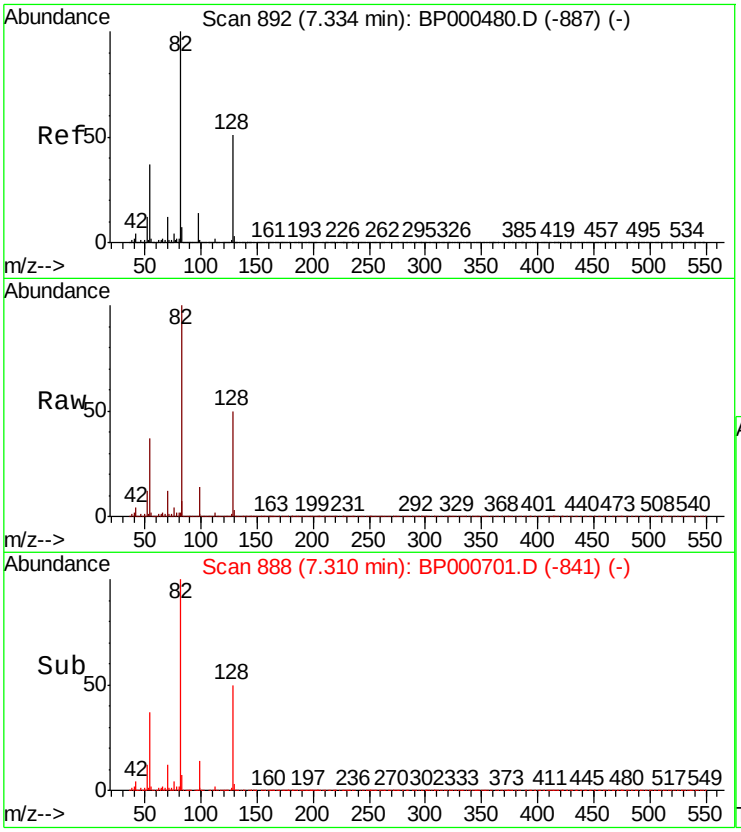


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Tgt Ion:136 Resp: 824396

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	5.4	4.1	6.1
68	5.4	4.1	6.1



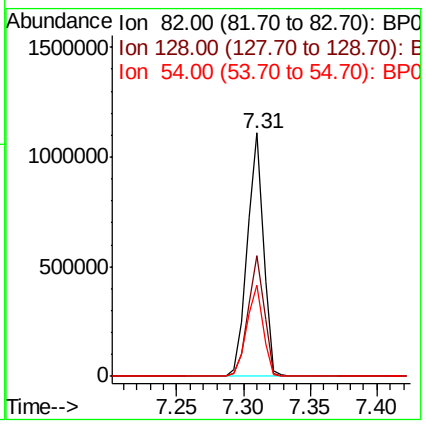


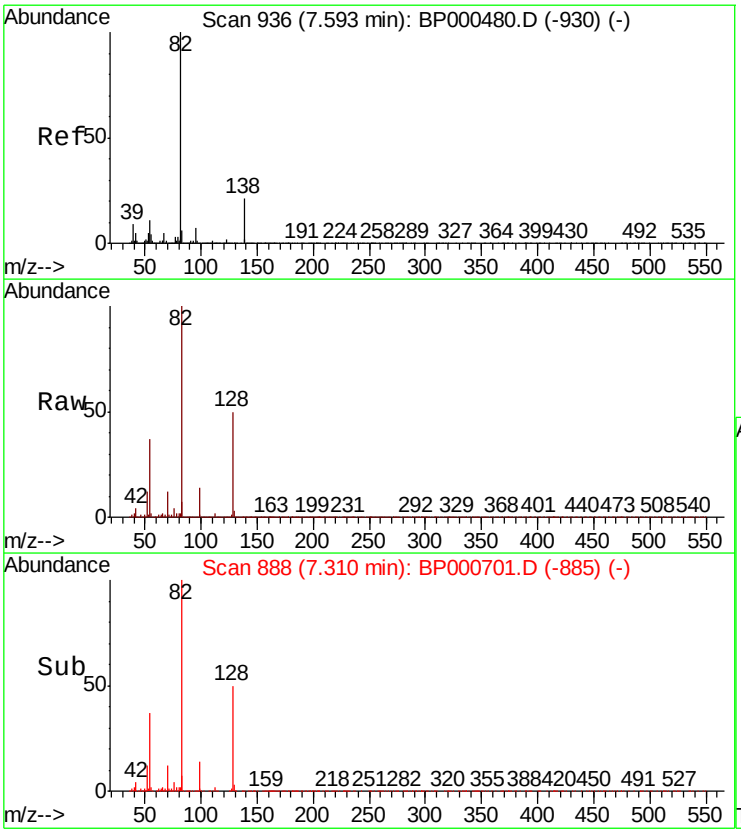
#23
Nitrobenzene-d5
Concen: 67.663 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 913317

Ion	Ratio	Lower	Upper
82	100		
128	49.6	40.9	61.3
54	37.2	29.4	44.2

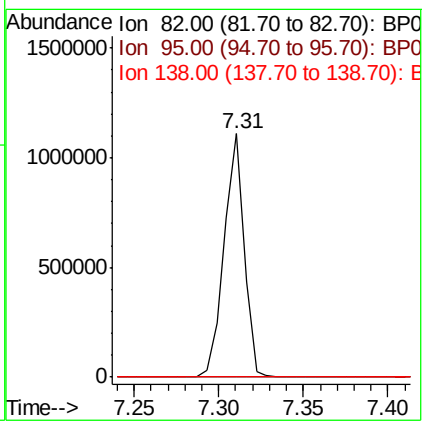


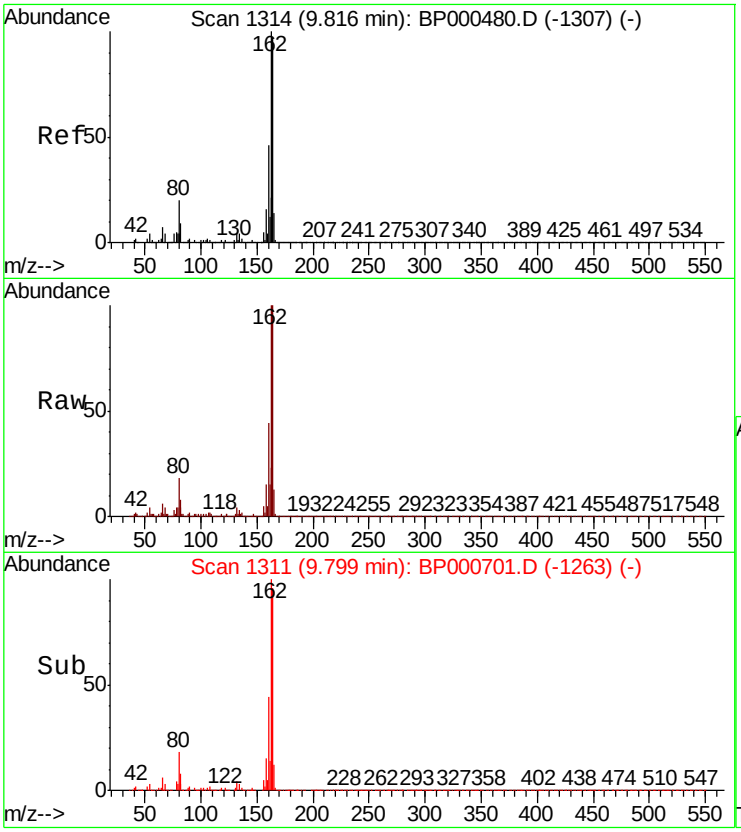


#25
Isophorone
Concen: 38.085 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Tgt Ion: 82 Resp: 912368

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



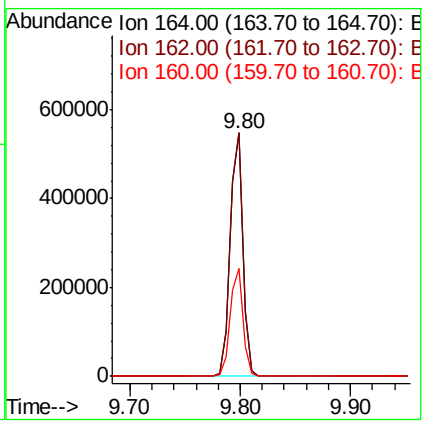


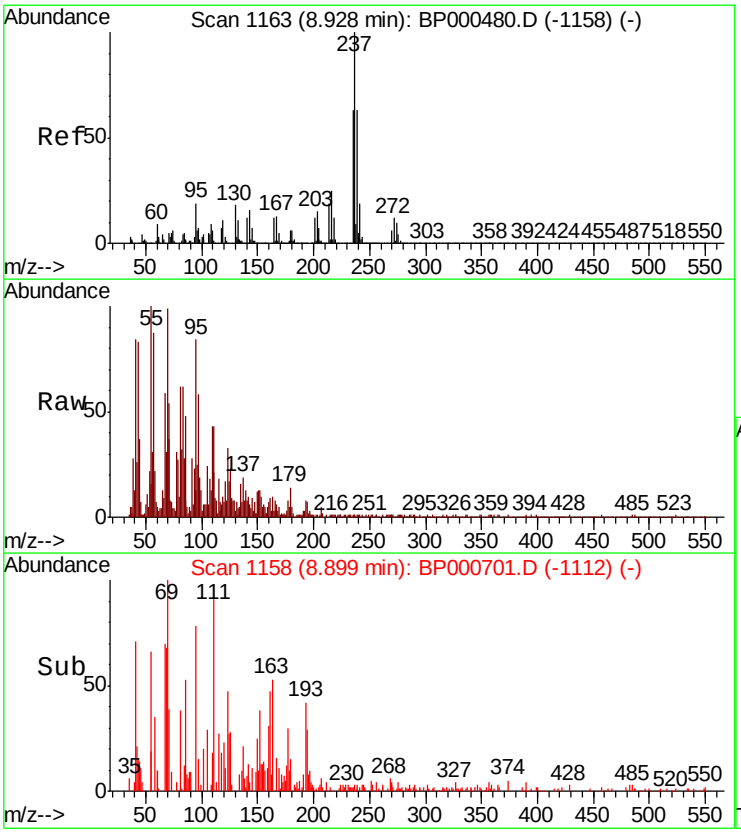
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 443110

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.2	123.2
160	44.4	37.6	56.4

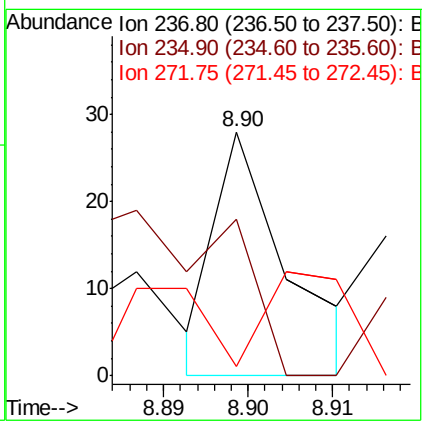


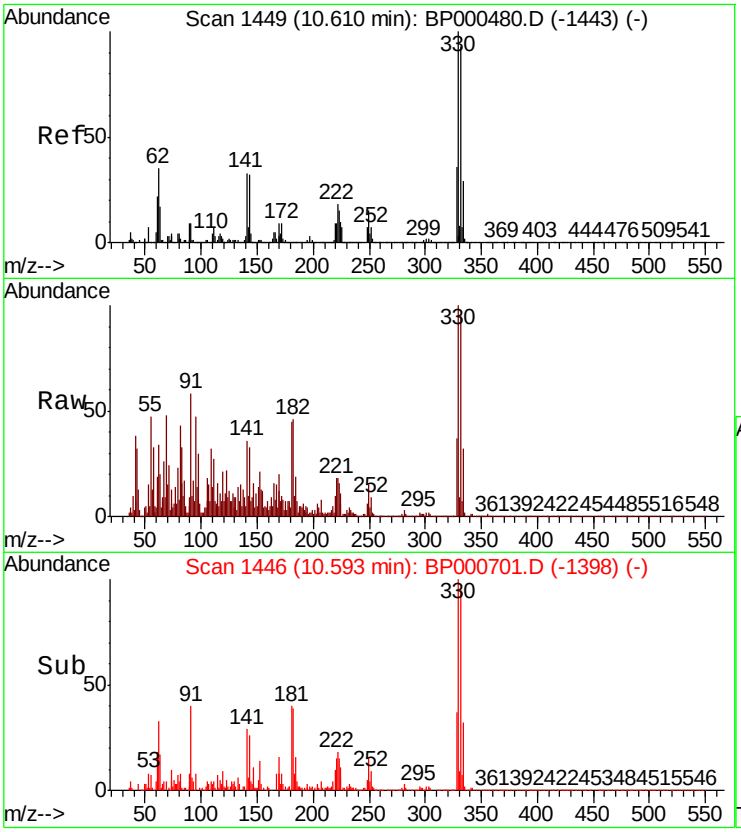


#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Tgt Ion:237 Resp: 17

Ion	Ratio	Lower	Upper
237	100		
235	64.3	42.9	82.9
272	3.6	0.0	32.4



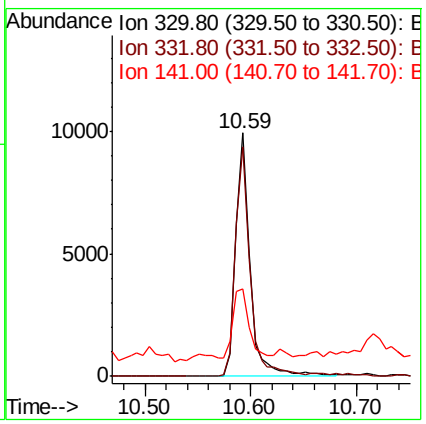


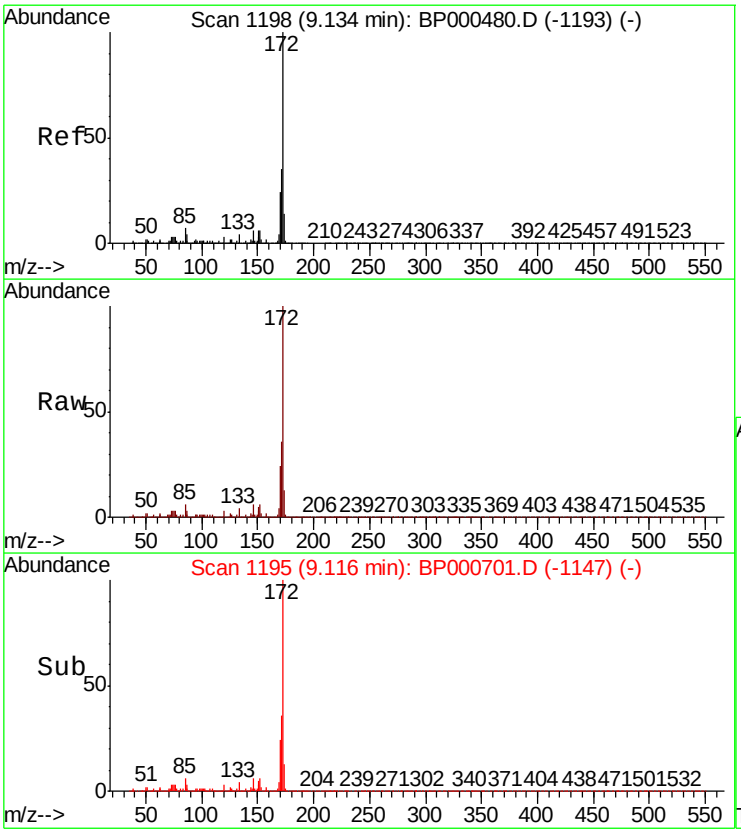
#42
2,4,6-Tribromophenol
Concen: 1.955 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 9233

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	30.9	26.0	39.0

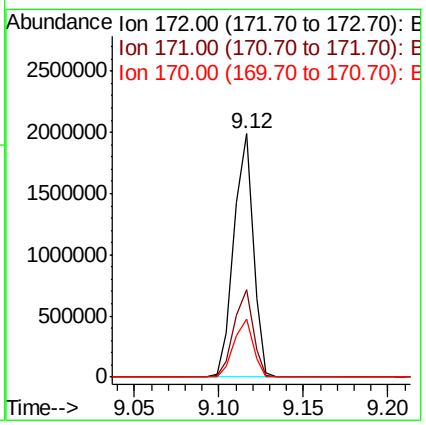


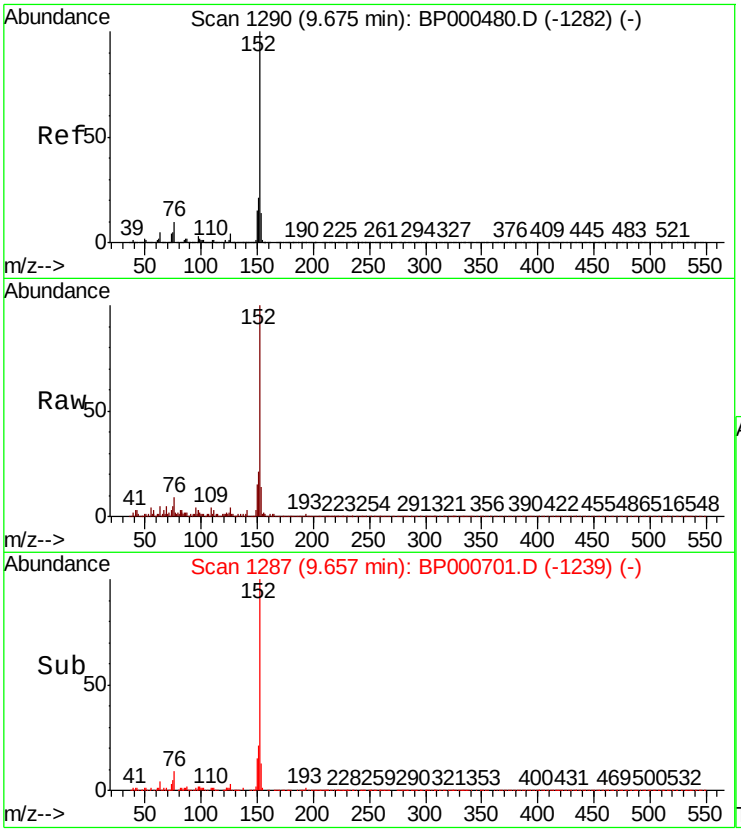


#45
2-Fluorobiphenyl
Concen: 57.973 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Tgt Ion:172 Resp: 1587668

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.4	42.6
170	24.0	19.1	28.7



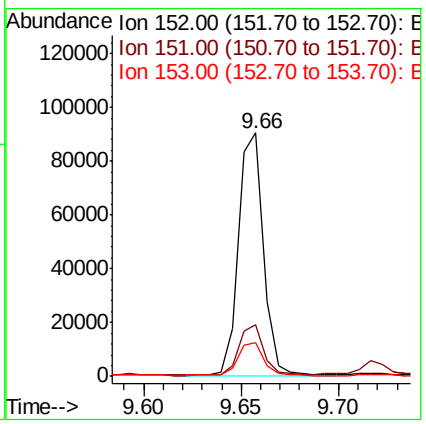


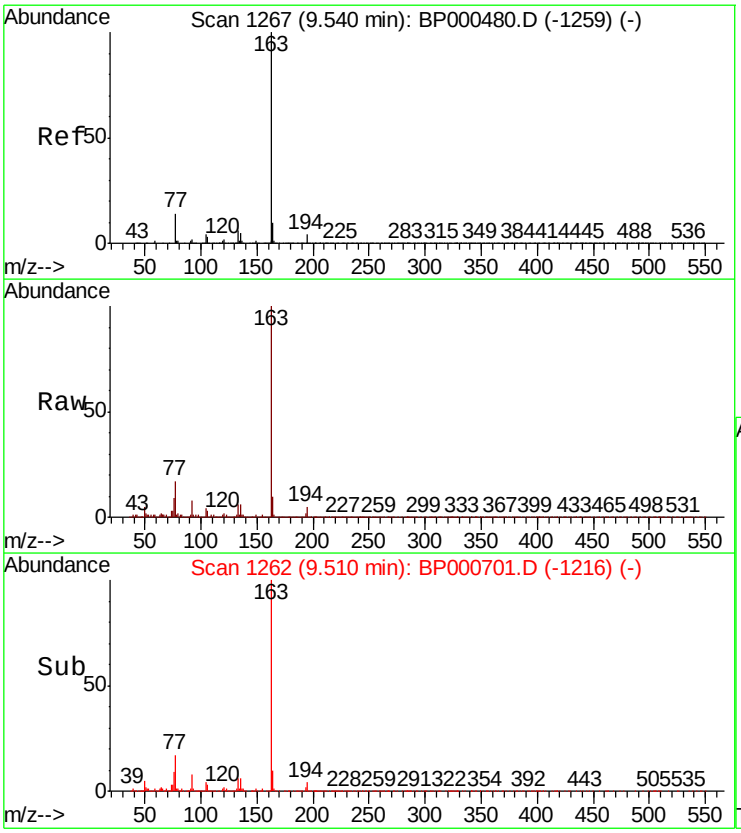
#49
Acenaphthylene
Concen: 2.053 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 80099

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.6	25.0
153	13.8	11.0	16.6

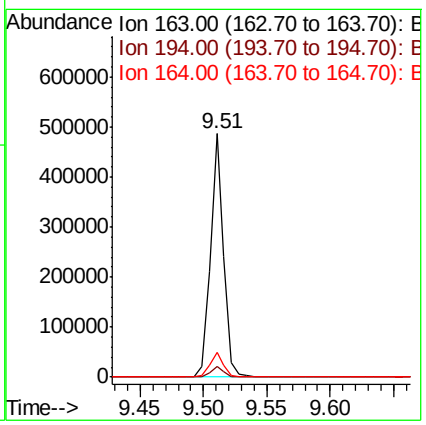


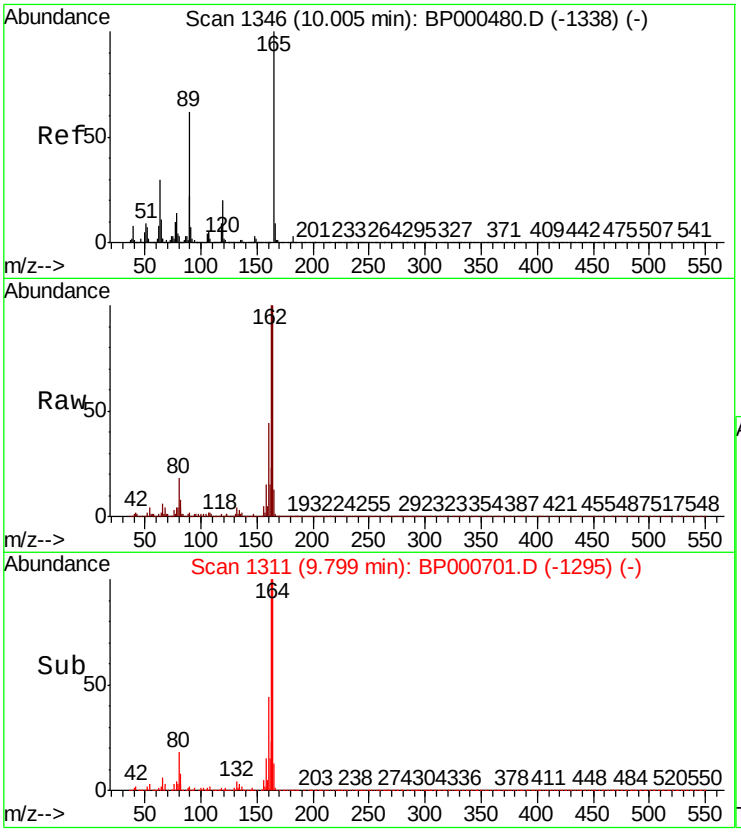


#50
Dimethylphthalate
Concen: 11.460 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Tgt Ion:163 Resp: 352836

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.2	8.0	12.0



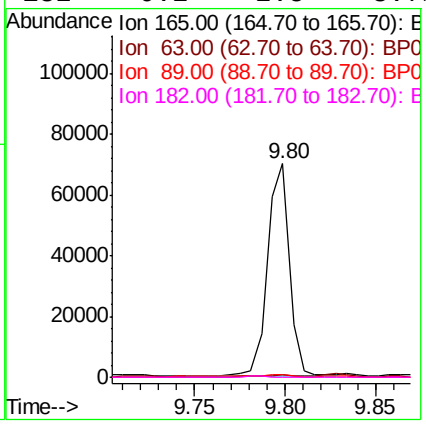


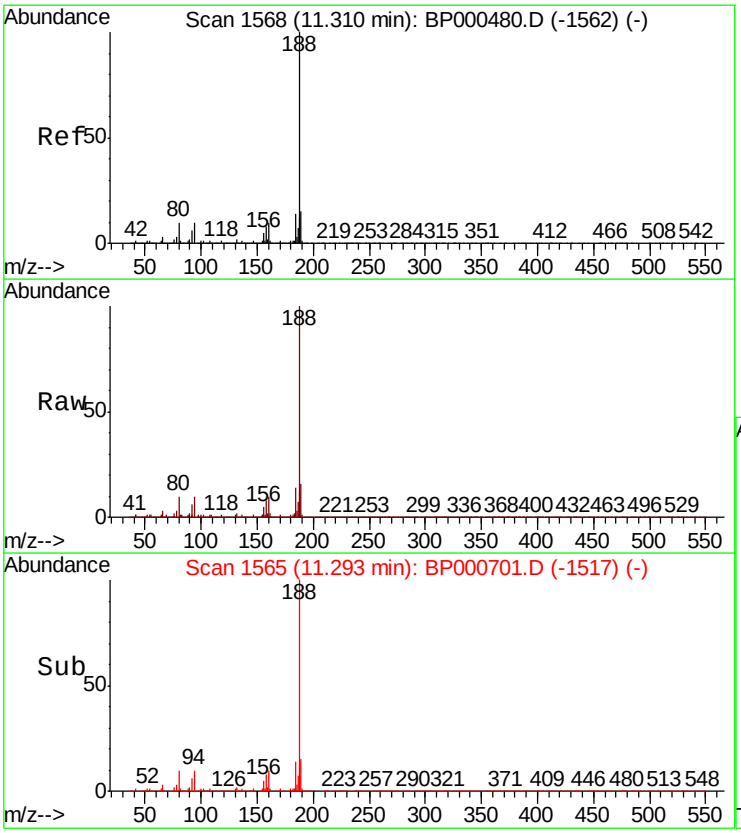
#57
2,4-Dinitrotoluene
Concen: 6.509 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 57948

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#

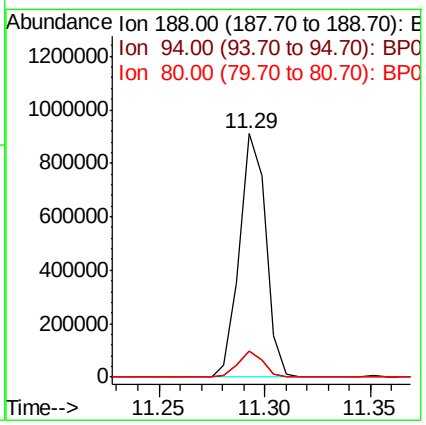


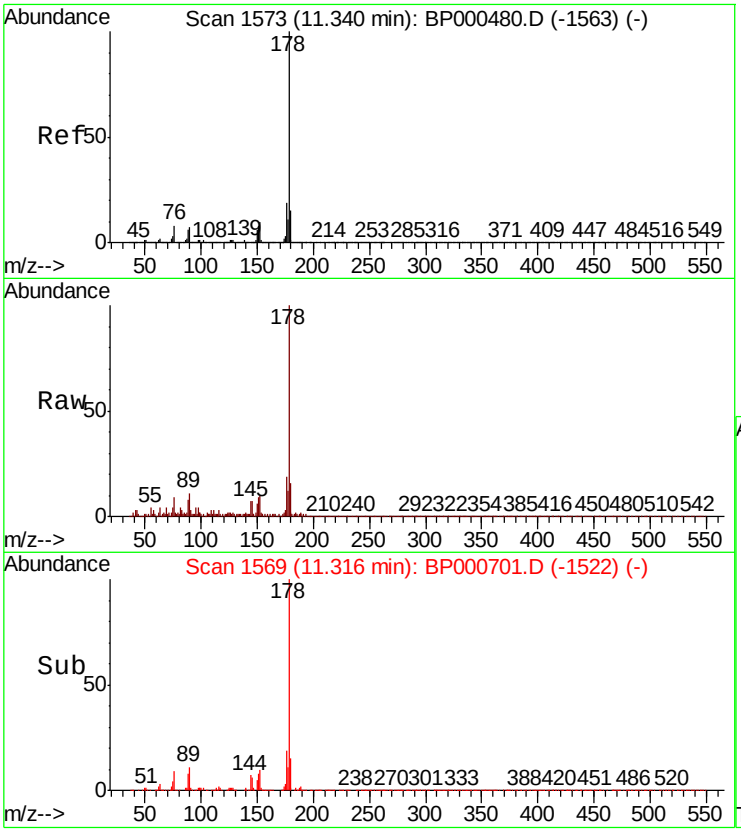


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Tgt Ion:188 Resp: 786873

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.2	12.2
80	10.4	8.3	12.5



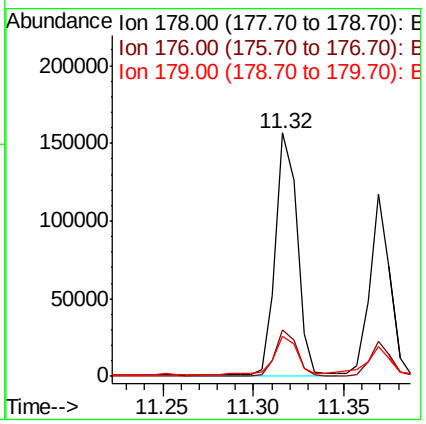


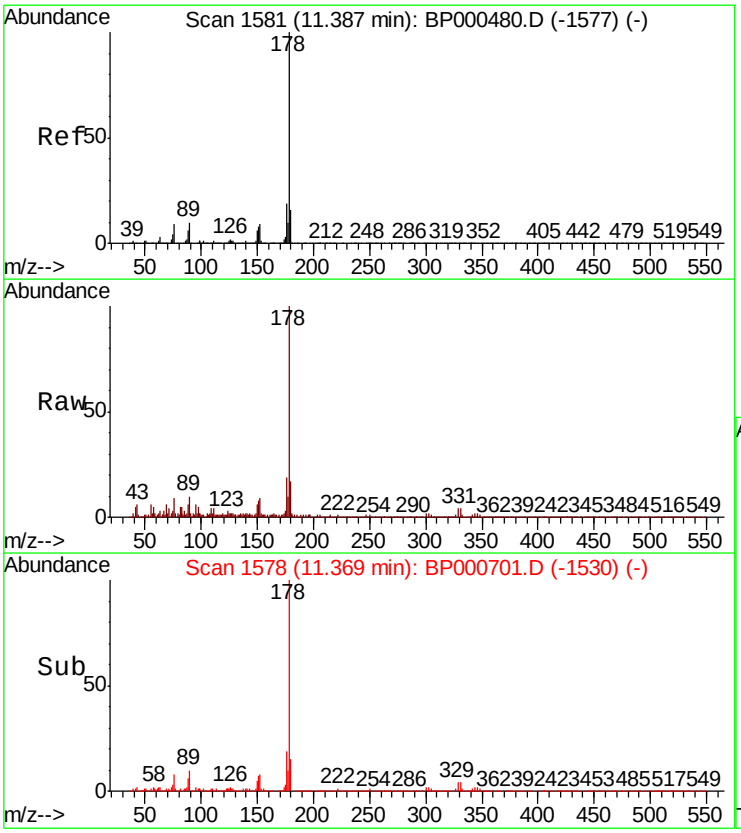
#71
Phenanthrene
Concen: 3.310 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 130807

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.4	12.2	18.4

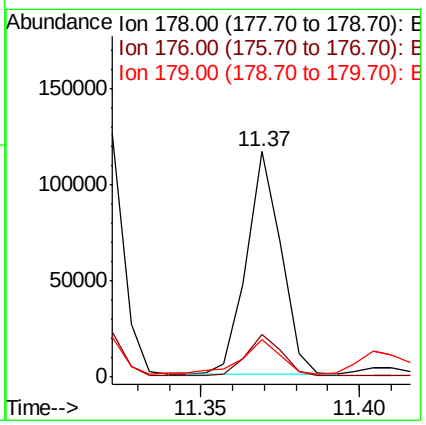


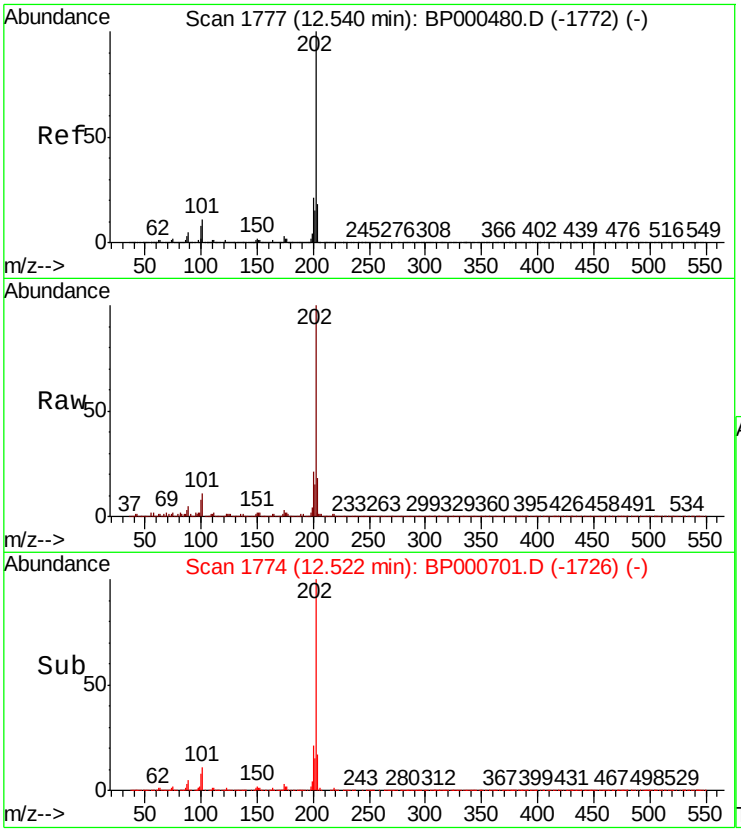


#72
Anthracene
Concen: 2.244 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Tgt Ion:178 Resp: 87920

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	16.6	12.6	19.0



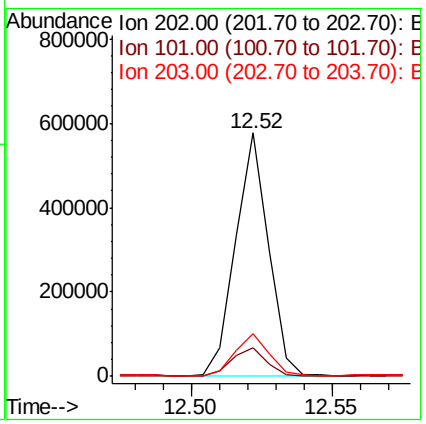


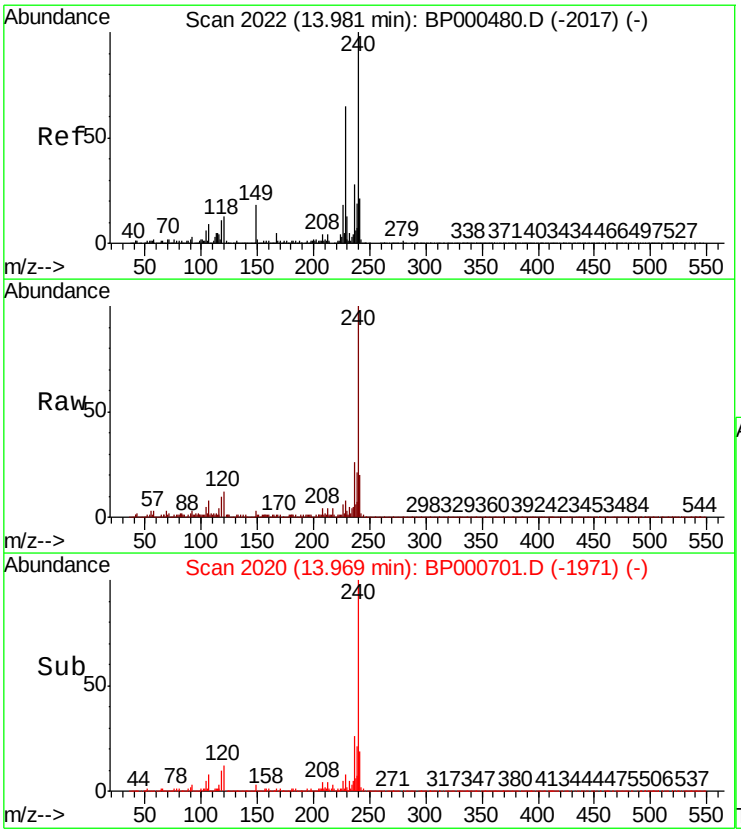
#75
Fluoranthene
Concen: 10.498 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 465961

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.3
203	17.7	0.0	38.1

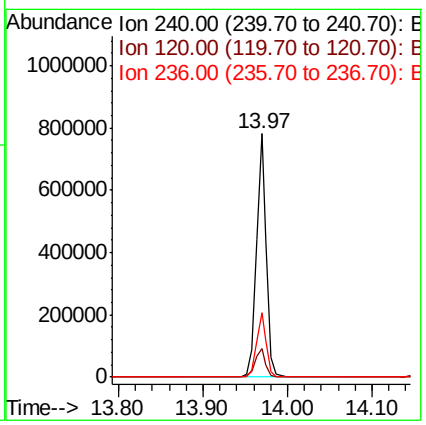


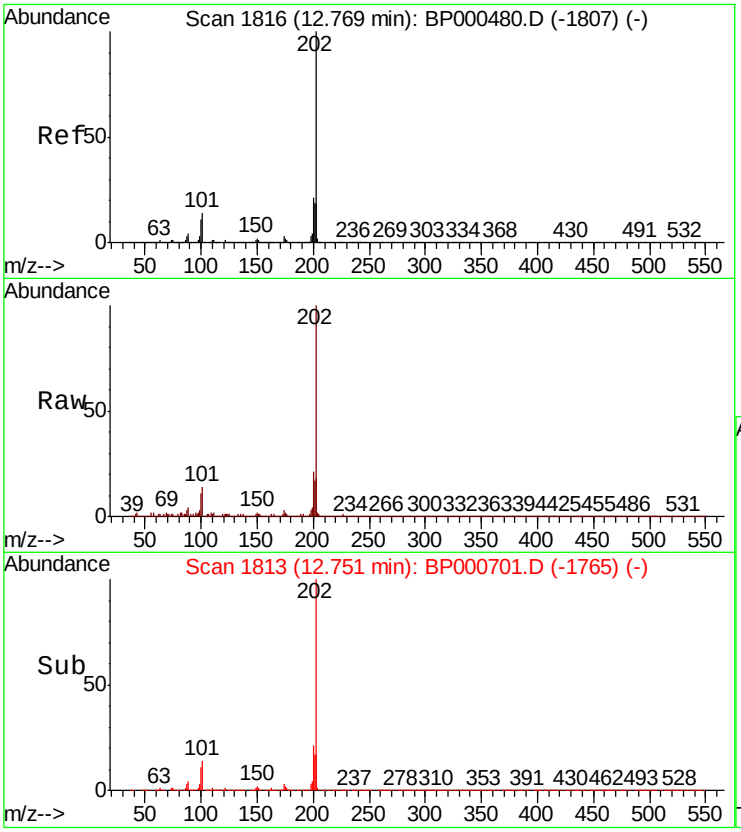


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Tgt Ion:240 Resp: 649348

Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.1	15.1
236	26.3	22.7	34.1



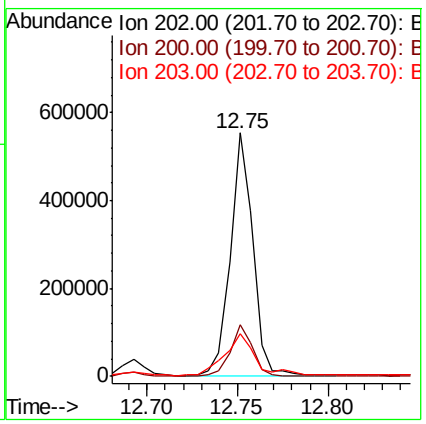


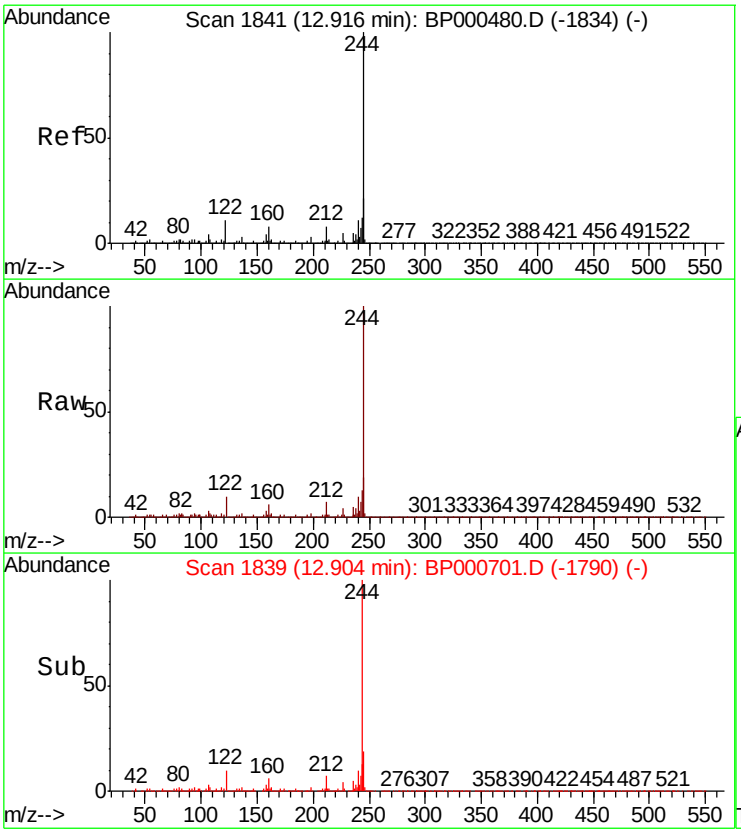
#78
Pyrene
Concen: 10.614 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 475329

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	17.8	14.6	21.8

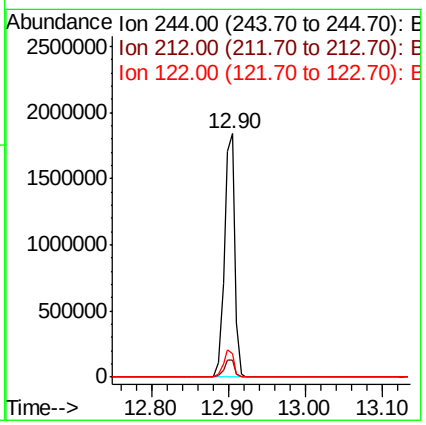


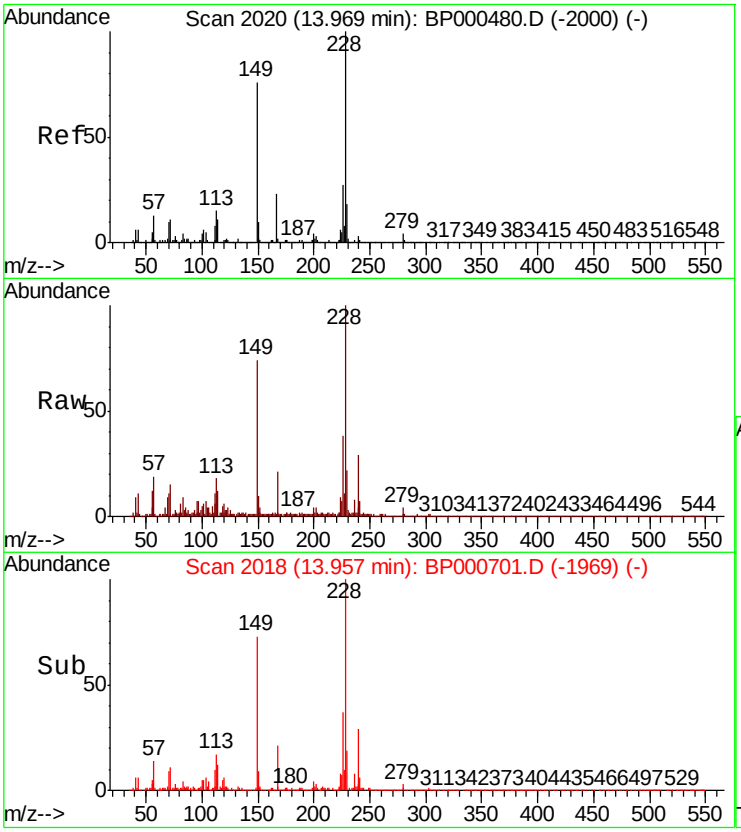


#79
Terphenyl-d14
Concen: 53.182 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Tgt Ion:244 Resp: 1705599

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	9.7	8.9	13.3



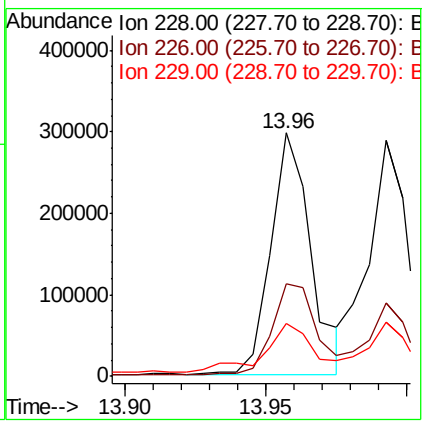


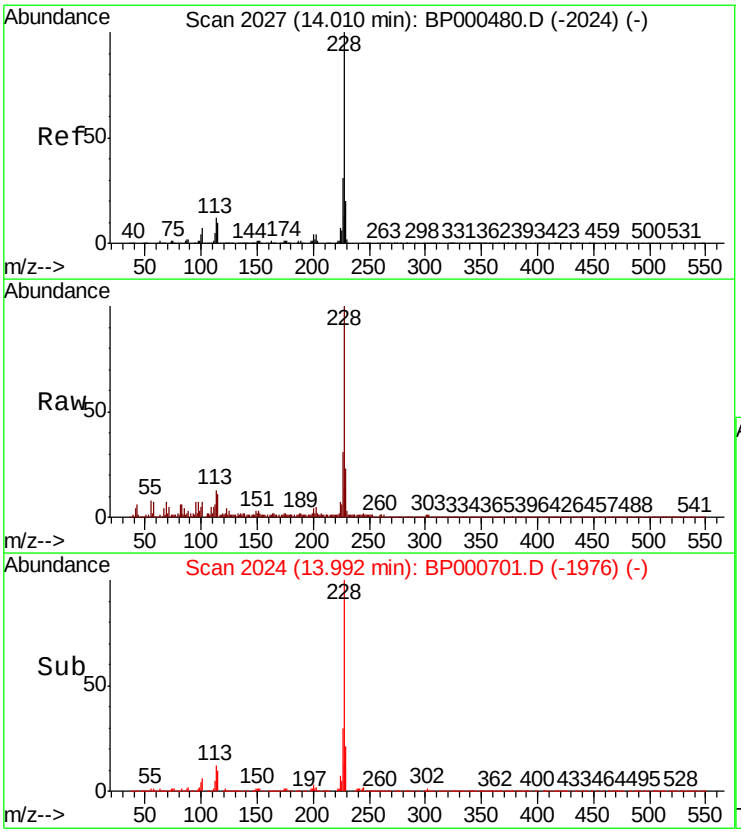
#81
Benzo(a)anthracene
Concen: 7.331 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 290442

Ion	Ratio	Lower	Upper
228	100		
226	38.2	21.4	32.2#
229	21.5	14.7	22.1

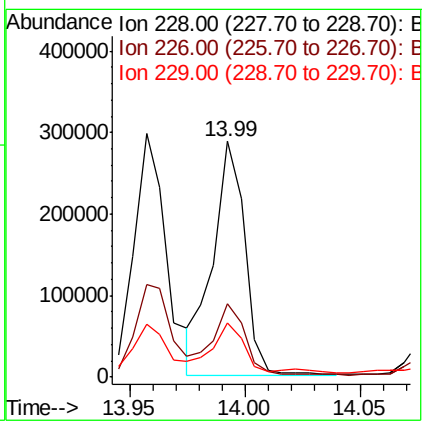


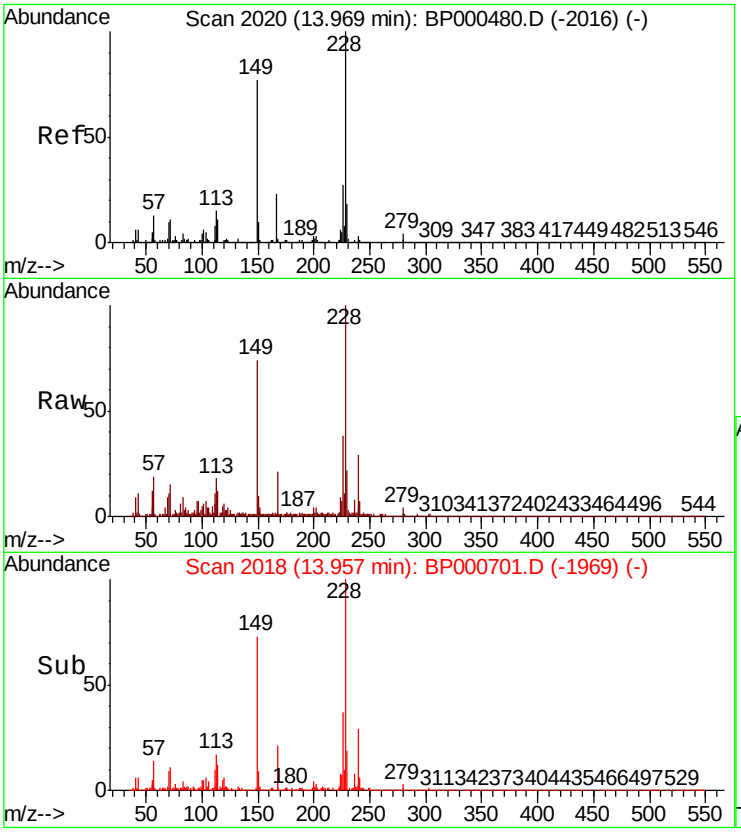


#83
Chrysene
Concen: 7.071 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Tgt Ion:228 Resp: 274969

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	22.9	16.3	24.5



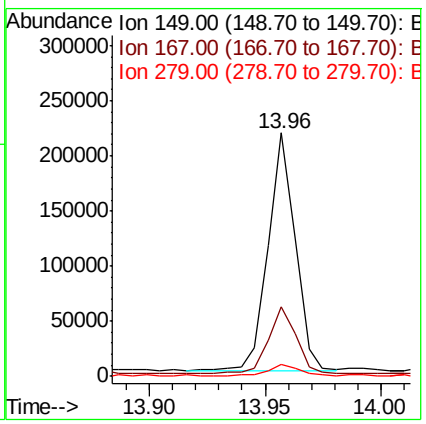


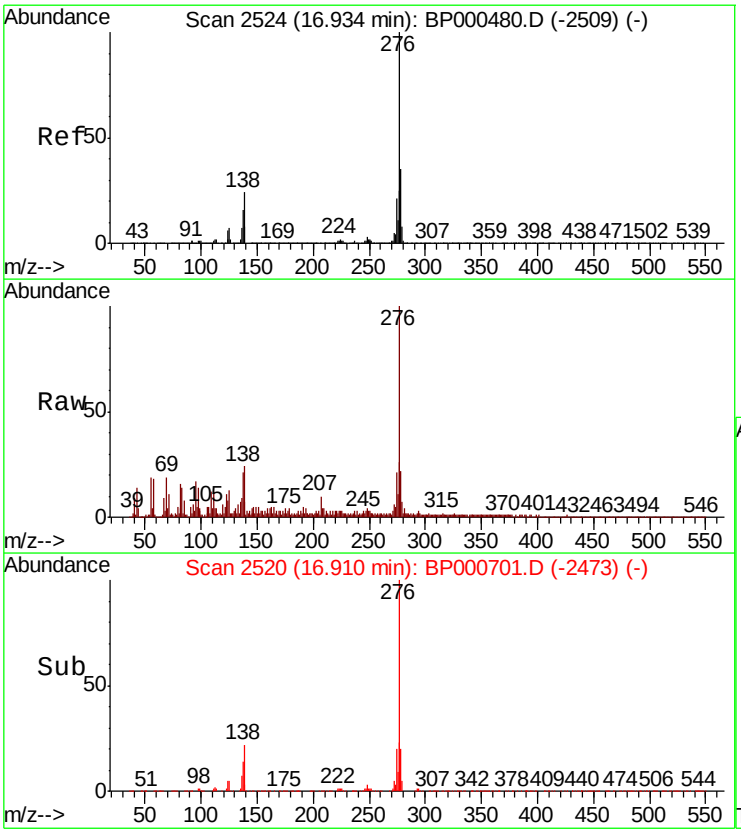
#84
Bis(2-ethylhexyl)phthalate
Concen: 7.170 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 175986

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.6	35.4
279	4.7	3.9	5.9

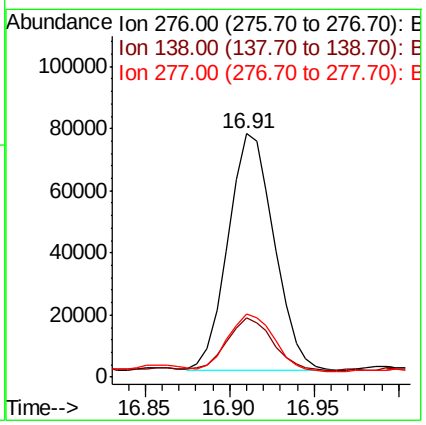


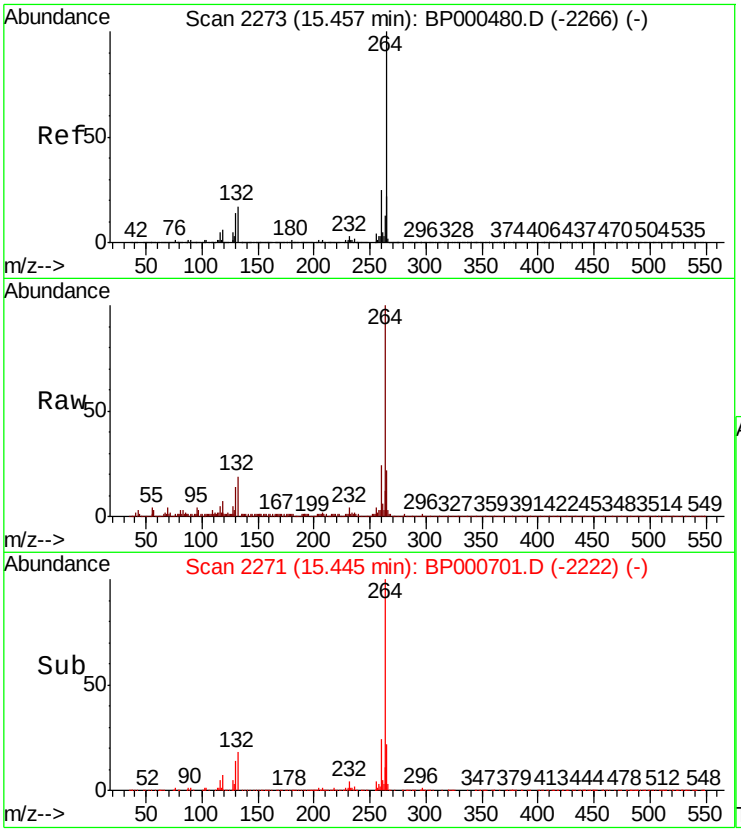


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.986 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Tgt Ion:276 Resp: 145035

Ion	Ratio	Lower	Upper
276	100		
138	22.8	20.9	31.3
277	24.9	20.6	30.8



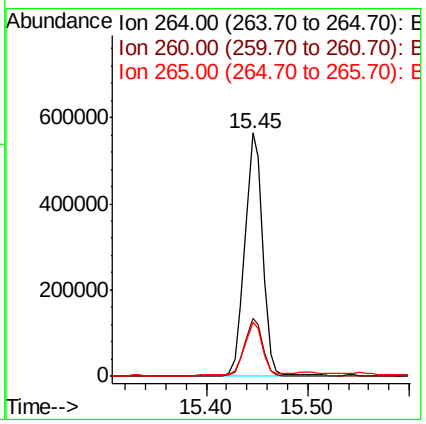


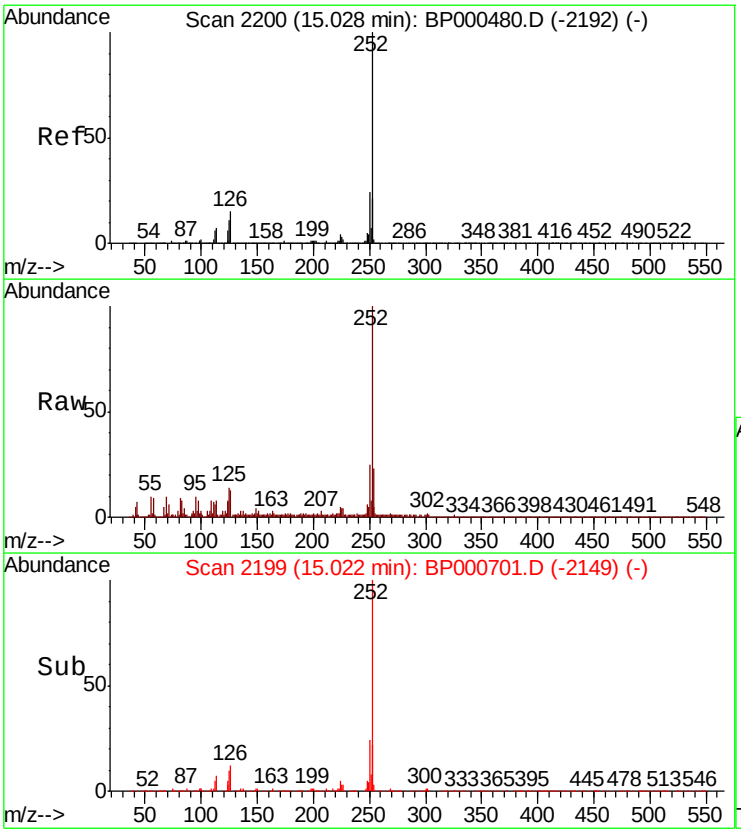
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 688553

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.3	30.5
265	22.5	18.0	27.0

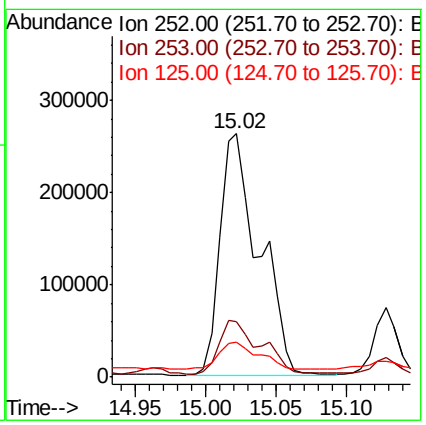


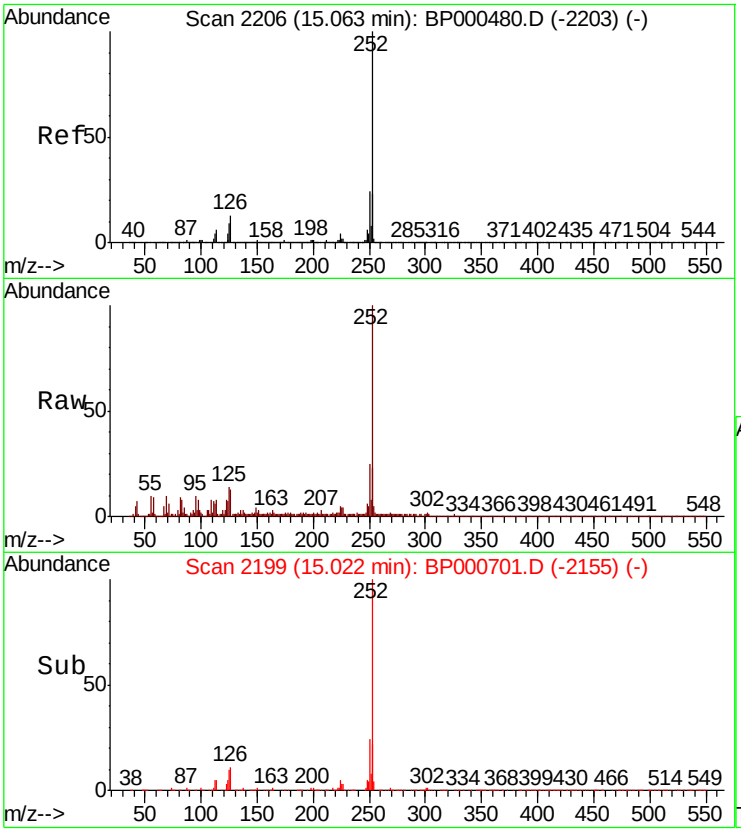


#88
Benzo(b)fluoranthene
Concen: 12.975 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Tgt Ion:252 Resp: 506829

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.4
125	14.1	8.9	13.3#



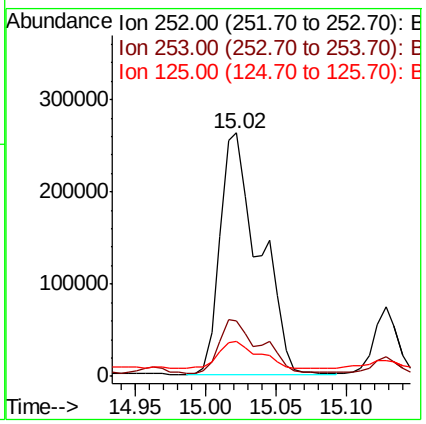


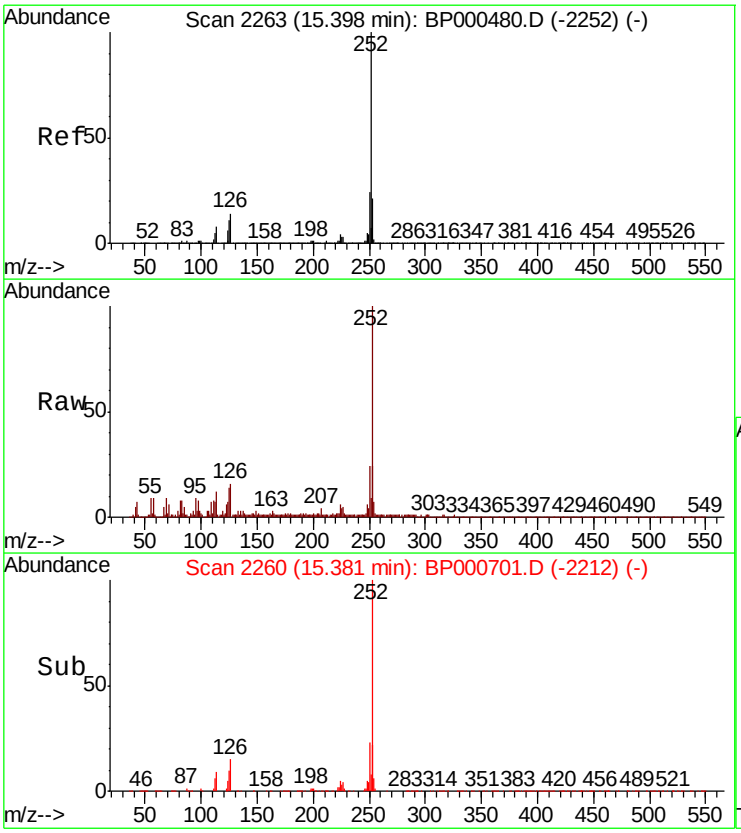
#89
Benzo(k)fluoranthene
Concen: 13.628 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 506829

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	14.1	7.8	11.8#

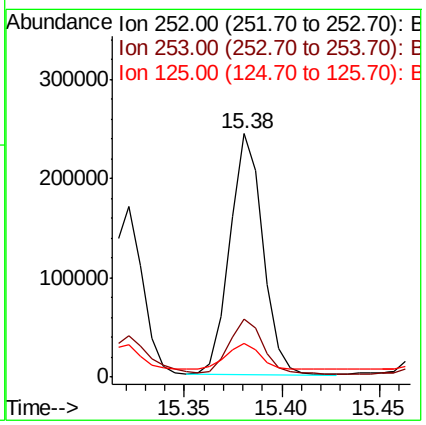


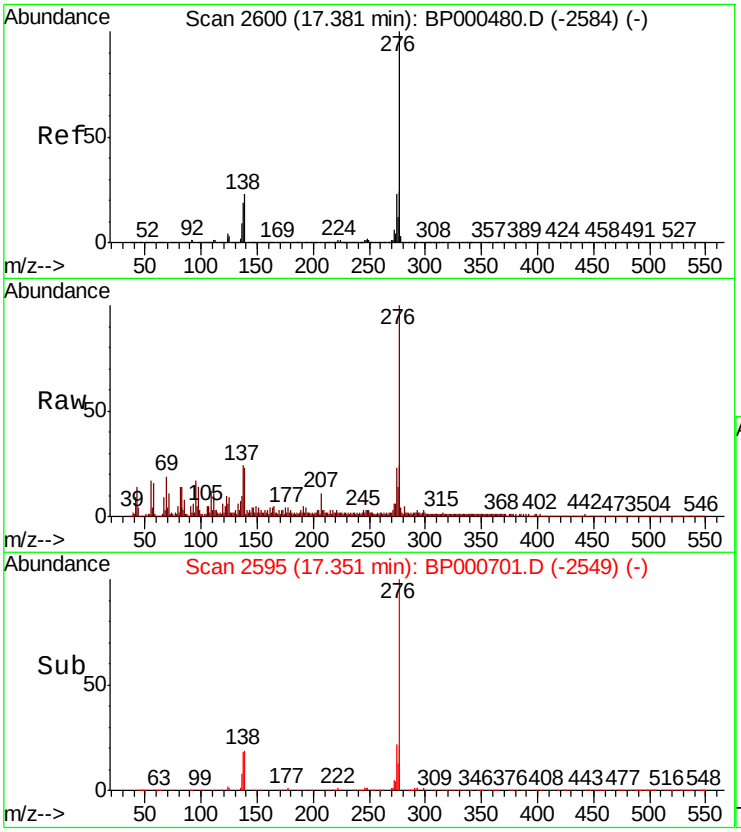


#90
Benzo(a)pyrene
Concen: 7.838 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Tgt Ion:252 Resp: 285426

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	13.9	8.4	12.6#





#92
Benzo(g,h,i)perylene
Concen: 3.956 ng
RT: 17.35 min Scan# 2595
Delta R.T. -0.03 min
Lab File: BP000701.D
Acq: 13 Oct 2019 04:54

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 141987

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	22.9	18.5	27.7