Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
Data File : BP000712.D
Acq On : 14 Oct 2019 15:53
Operator : JU
Sample : K5348-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Oct 15 02:43:38 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	199594	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	731310	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	398354	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	721973	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	620450	20.00	ng		0.00
87) Perylene-d12	15.46	264	717840	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	405350	32.65	ng		-0.02
7) Phenol-d6	6.39	99	1280217	85.56	ng		-0.02
23) Nitrobenzene-d5	7.31	82	762404	63.67	ng		-0.02
42) 2,4,6-Tribromophenol	10.59	330	47384	11.16	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	1380088	56.06	ng		-0.02
79) Terphenyl-d14	12.90	244	1585648	51.74	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.30	77	21617	2.774	ng		96
10) Phenol	6.40	94	67145	4.383	ng		93
19) n-Nitroso-di-n-propylamine	7.31	70	95790	13.889	ng	#	73
25) Isophorone	7.31	82	761410	35.829	ng	#	61
41) Hexachlorocyclopentadiene	9.03	237	36	7.304	ng		82
50) Dimethylphthalate	9.51	163	285230	10.305	ng		99
57) 2,4-Dinitrotoluene	9.80	165	51841	6.477	ng	#	32
71) Phenanthrene	11.32	178	93761	2.586	ng		99
75) Fluoranthene	12.52	202	371279	9.117	ng		98
78) Pyrene	12.76	202	442789	10.347	ng		99
81) Benzo(a)anthracene	13.96	228	224516	5.931	ng	#	85
83) Chrysene	14.00	228	246242	6.627	ng		97
84) Bis(2-ethylhexyl)phthalate	13.96	149	93367	3.981	ng		99
86) Indeno(1,2,3-cd)pyrene	16.93	276	182868	3.940	ng		95
88) Benzo(b)fluoranthene	15.03	252	531826	13.059	ng	#	92
89) Benzo(k)fluoranthene	15.03	252	531826	13.717	ng	#	94
90) Benzo(a)pyrene	15.39	252	277240	7.303	ng	#	92
92) Benzo(g,h,i)perylene	17.38	276	180865	4.834	ng		97

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

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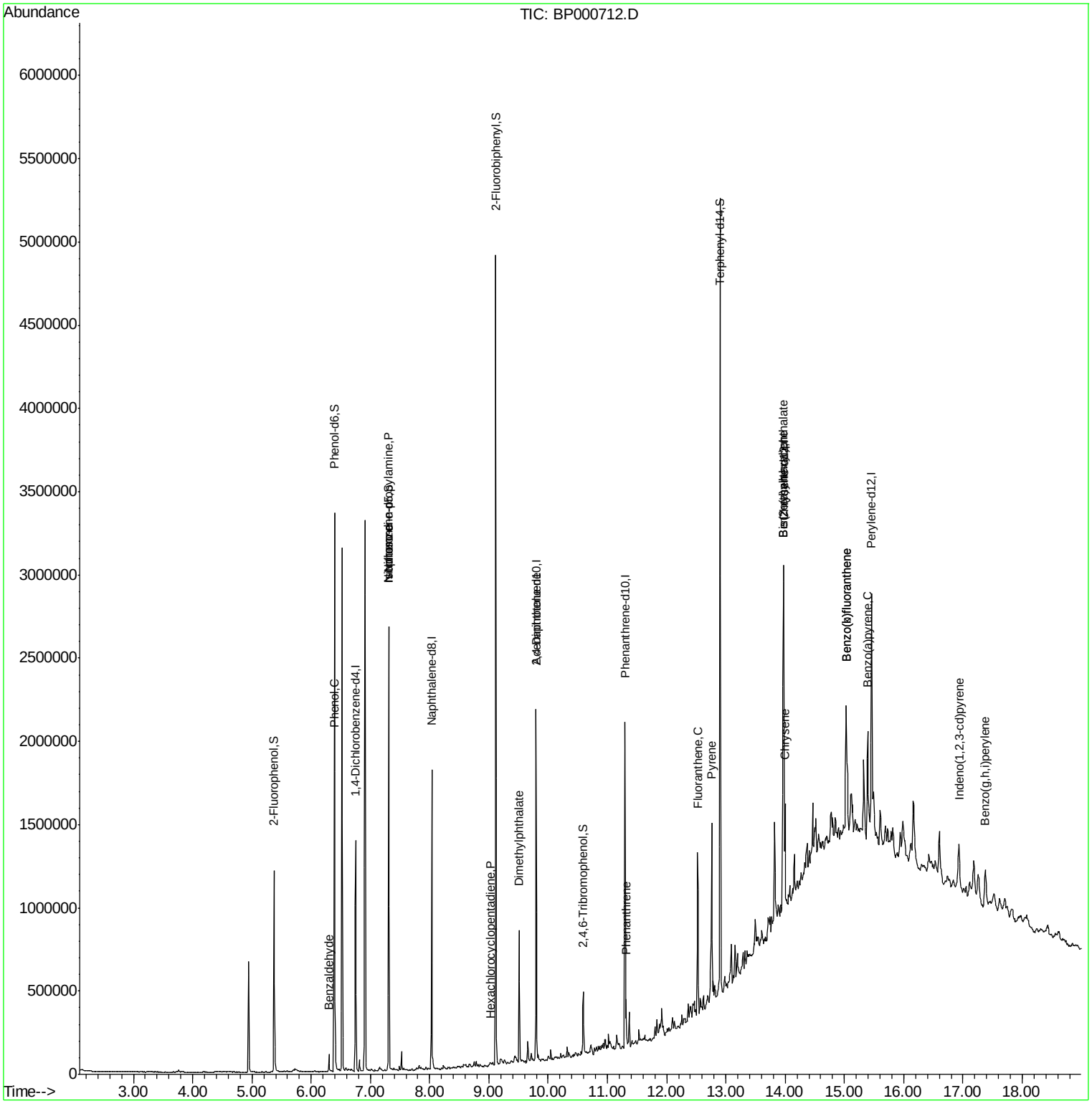
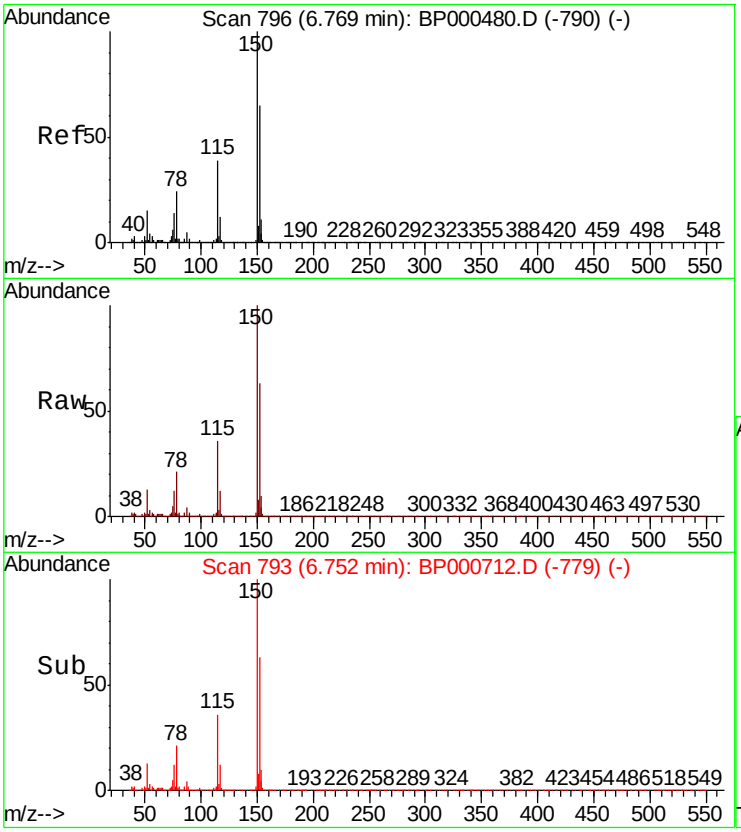


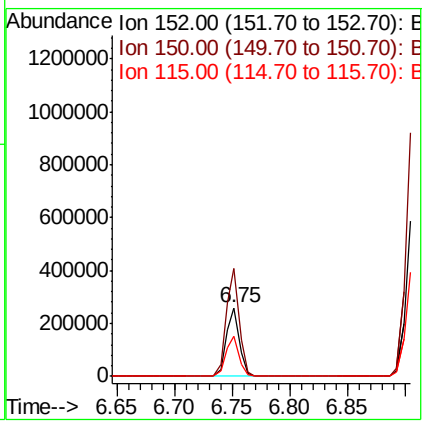


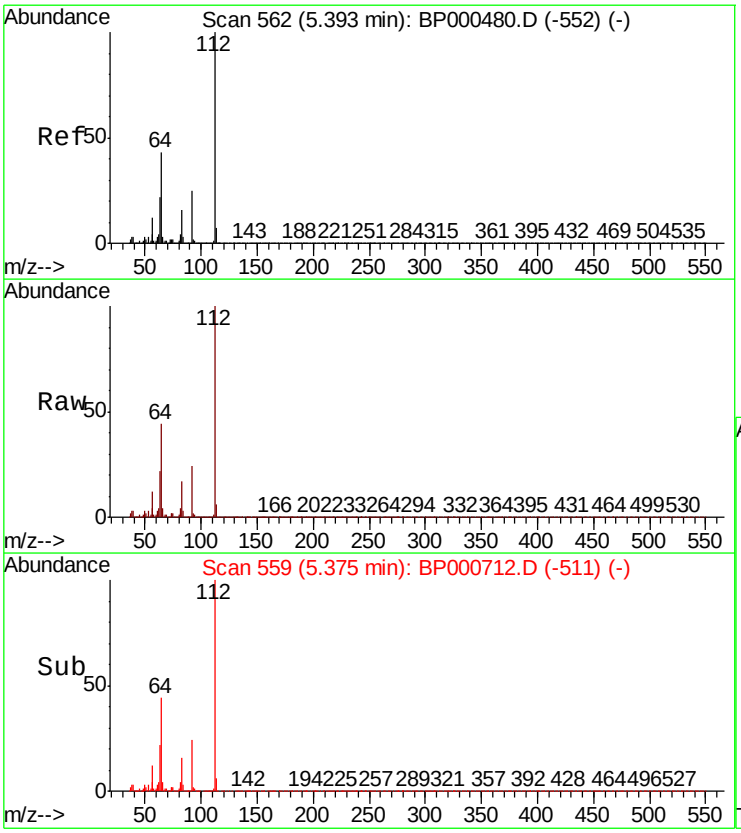
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 199594

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.1	186.1
115	57.8	48.7	73.1

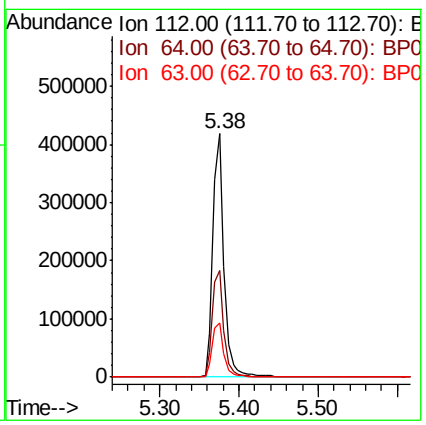


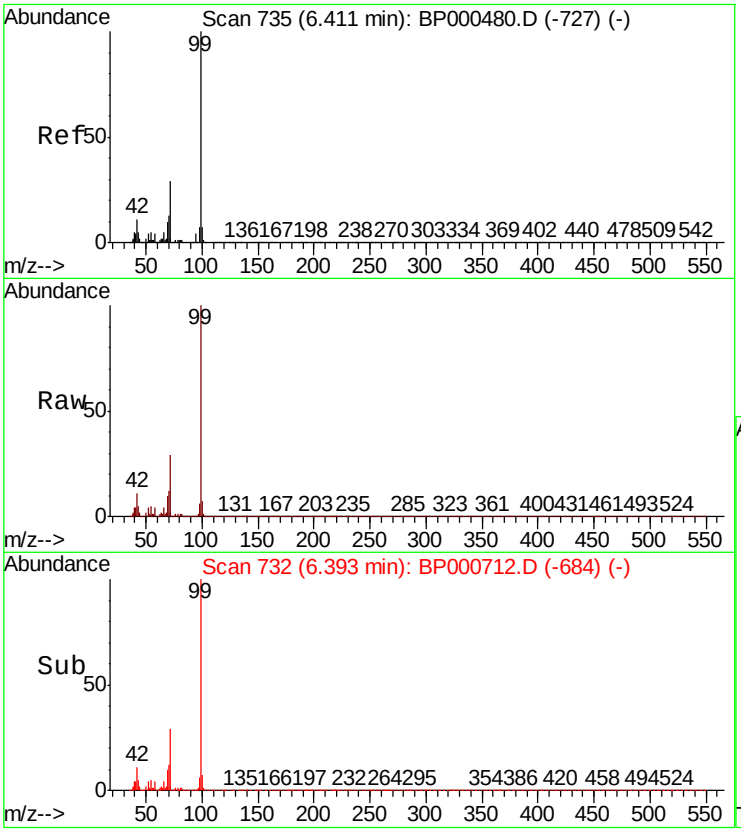


#5
2-Fluorophenol
Concen: 32.645 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion:112 Resp: 405350

Ion	Ratio	Lower	Upper
112	100		
64	43.9	34.2	51.4
63	22.2	17.9	26.9



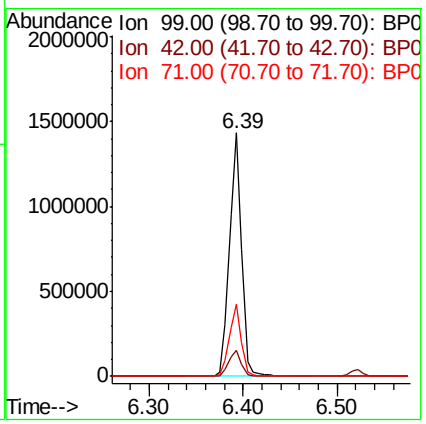


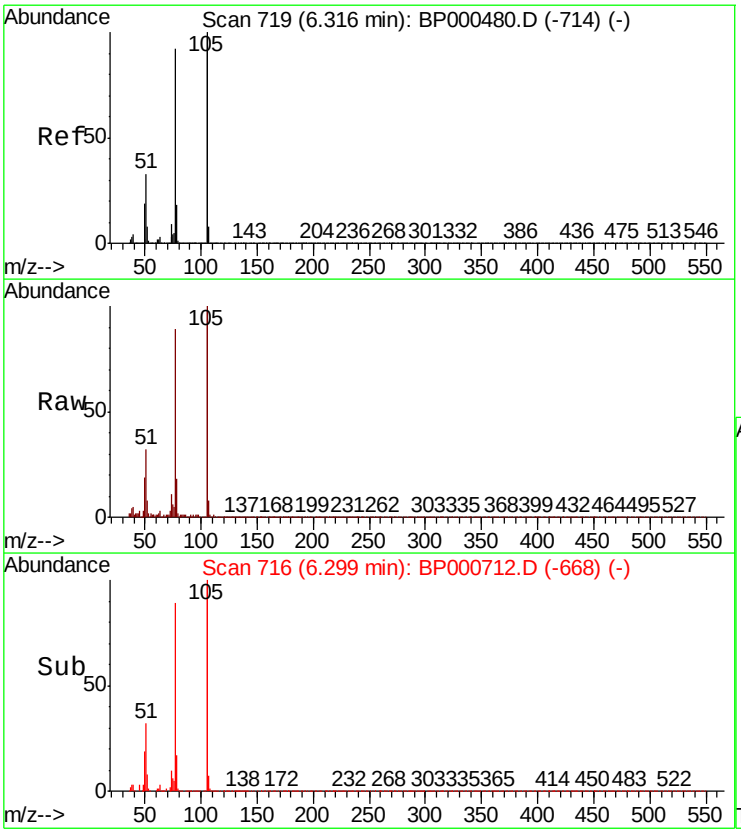
#7
Phenol-d6
Concen: 85.560 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1280217

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.6	12.8
71	29.4	23.0	34.4

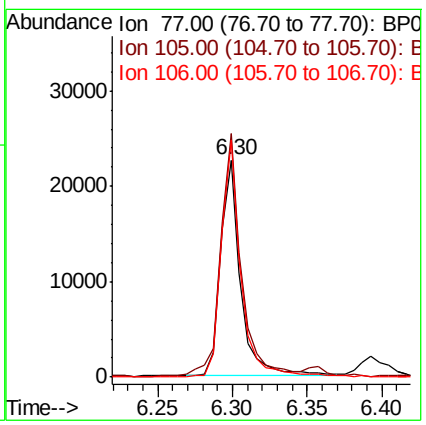


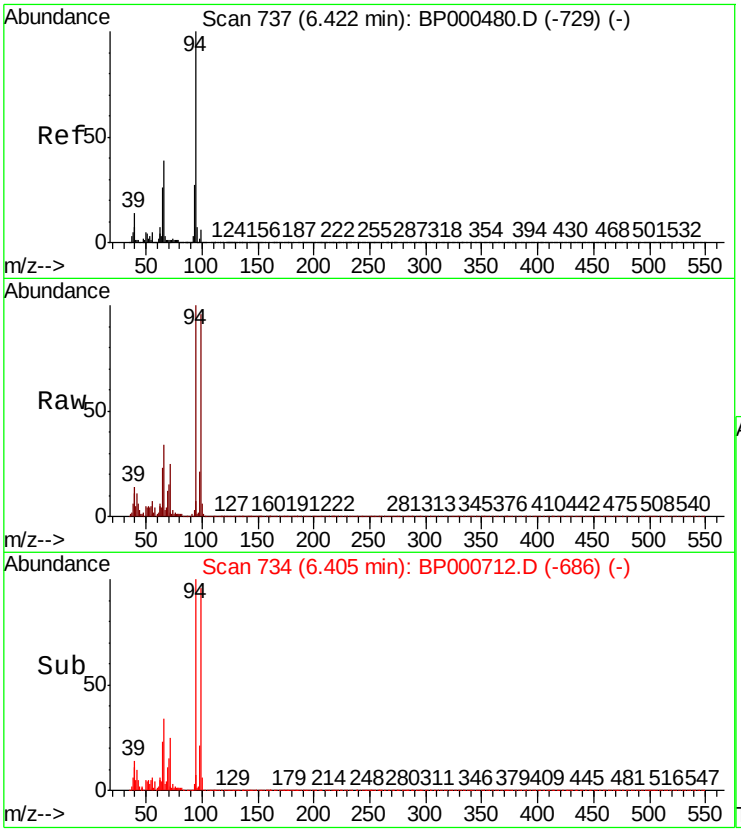


#9
Benzaldehyde
Concen: 2.774 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion: 77 Resp: 21617

Ion	Ratio	Lower	Upper
77	100		
105	112.1	88.3	128.3
106	109.5	85.7	125.7



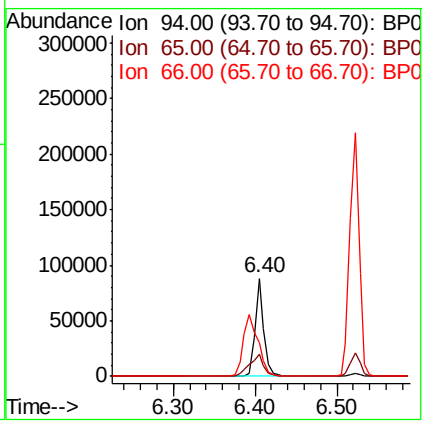


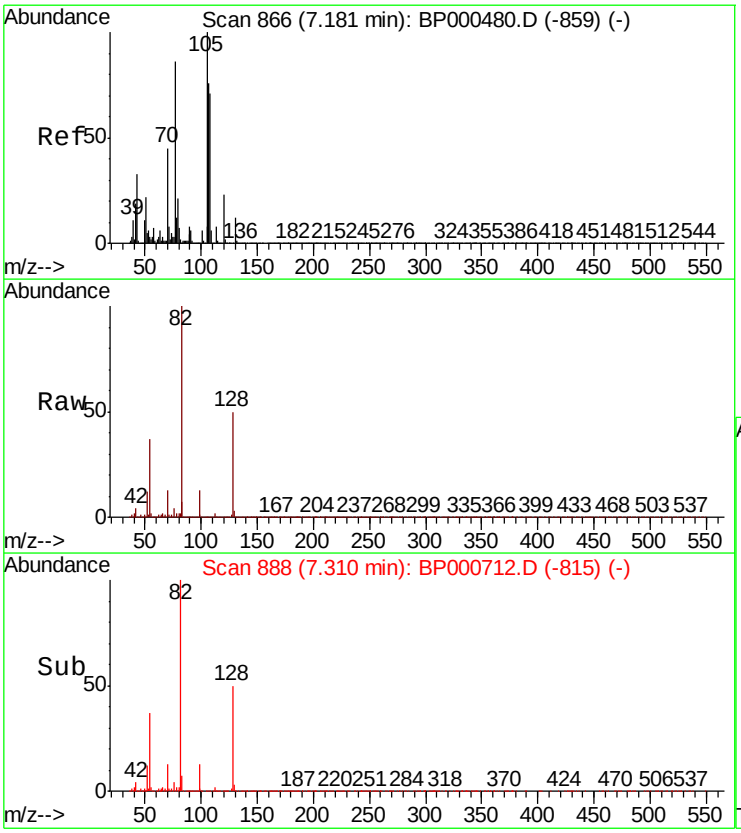
#10
Phenol
Concen: 4.383 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 67145

Ion	Ratio	Lower	Upper
94	100		
65	22.9	5.9	45.9
66	34.0	18.8	58.8

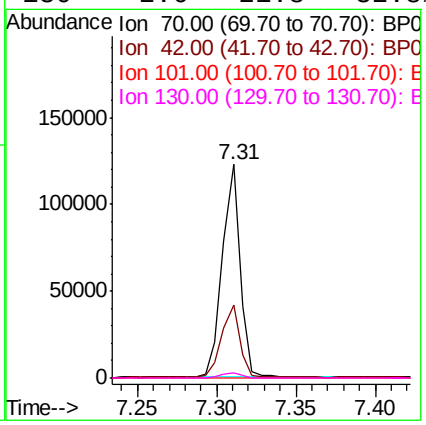


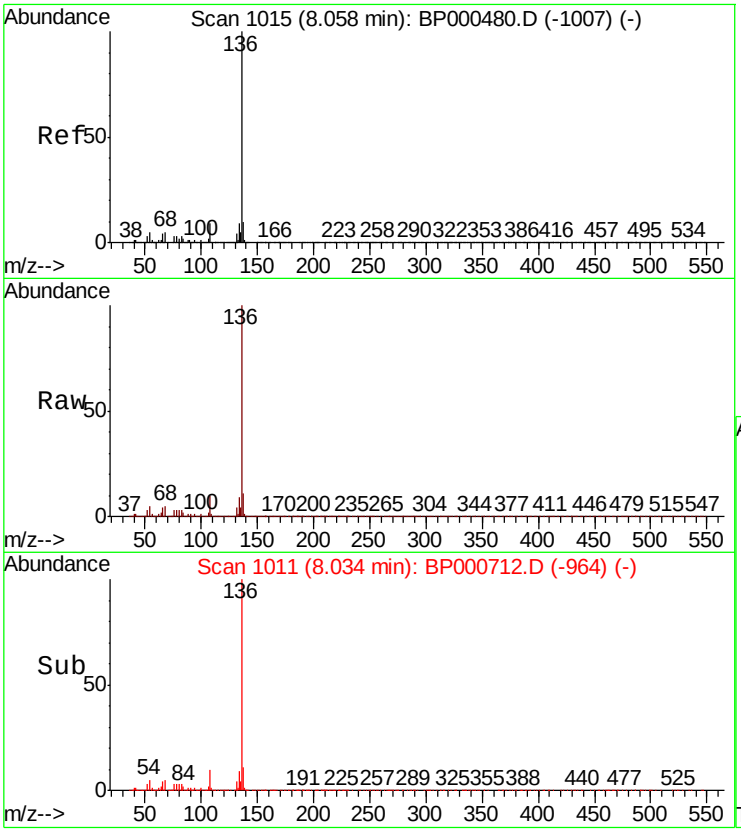


#19
n-Nitroso-di-n-propylamine
Concen: 13.889 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion: 70 Resp: 95790

Ion	Ratio	Lower	Upper
70	100		
42	34.3	33.2	49.8
101	0.1	9.9	14.9#
130	2.6	21.8	32.8#



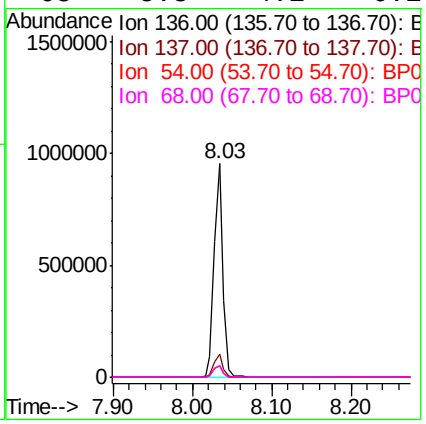


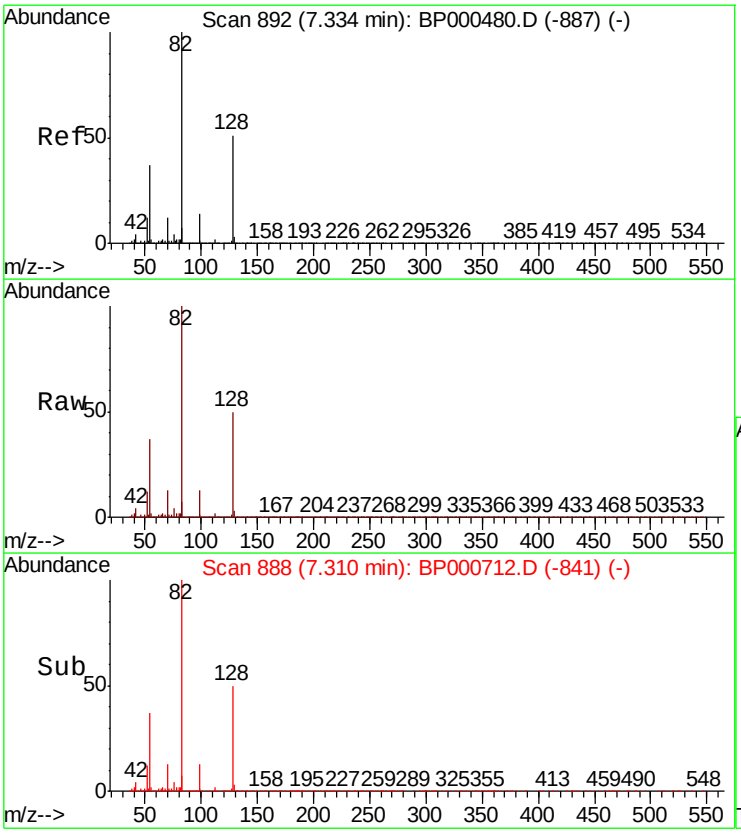
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 731310

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	5.5	4.1	6.1
68	5.3	4.1	6.1

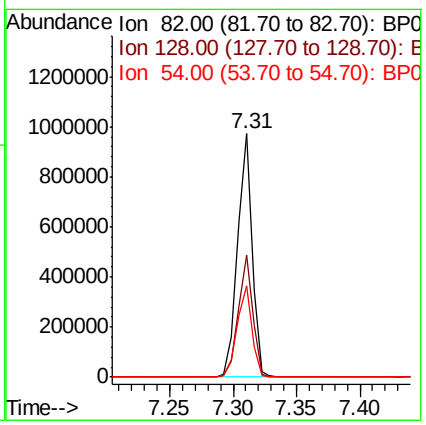


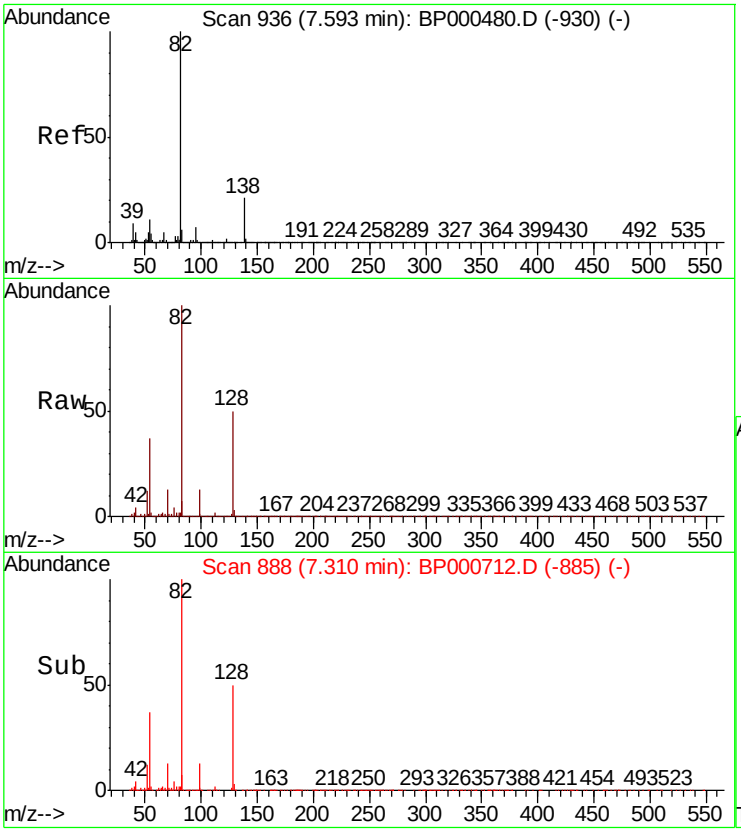


#23
Nitrobenzene-d5
Concen: 63.672 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion: 82 Resp: 762404

Ion	Ratio	Lower	Upper
82	100		
128	50.3	40.9	61.3
54	37.5	29.4	44.2



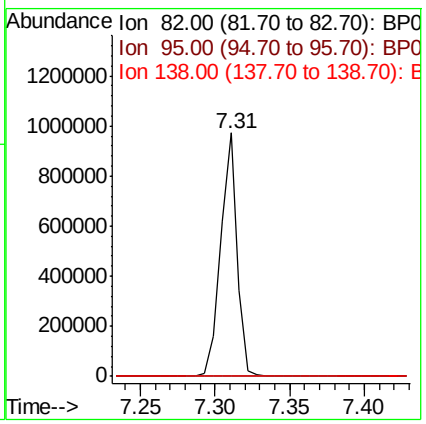


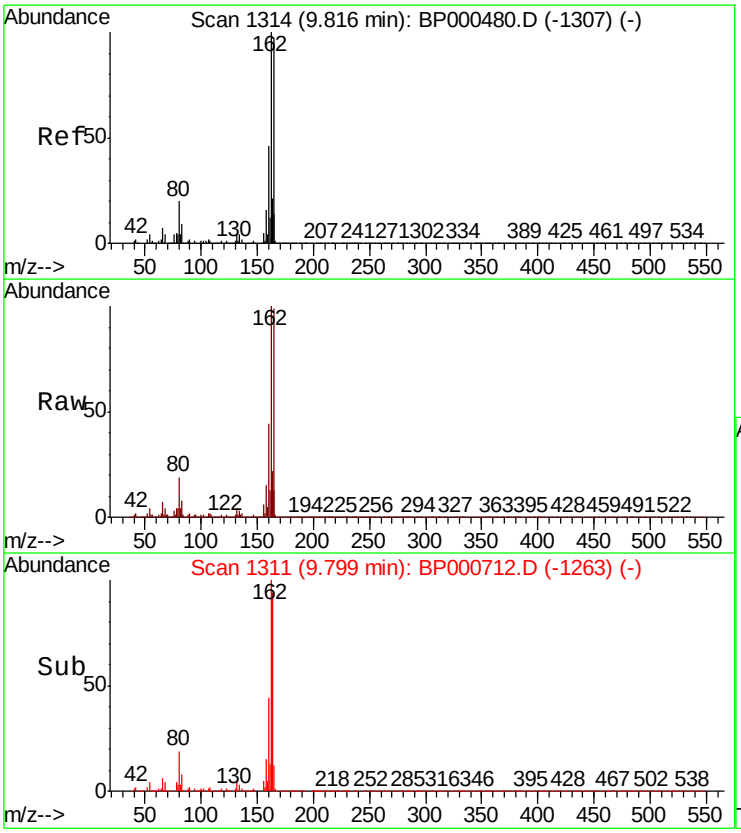
#25
Isophorone
Concen: 35.829 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 761410

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

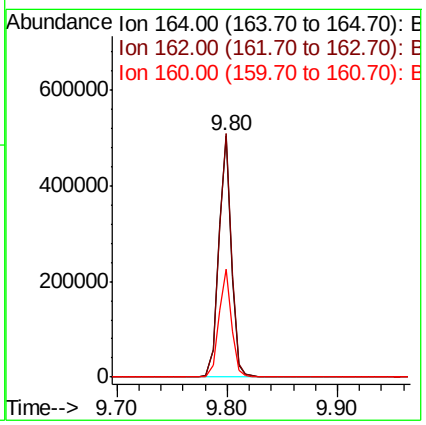


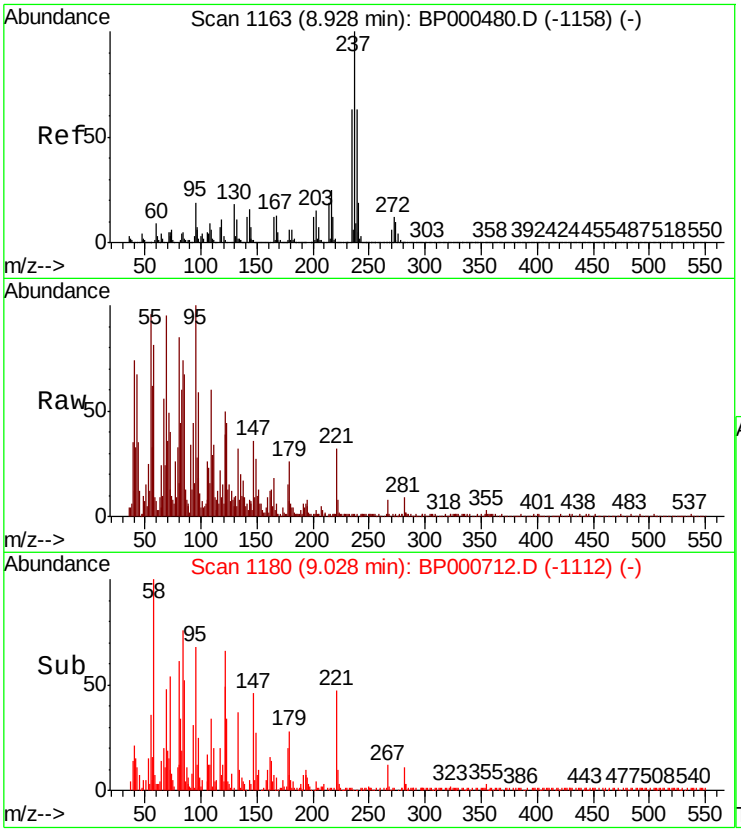


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion:164 Resp: 398354

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.2	123.2
160	44.8	37.6	56.4



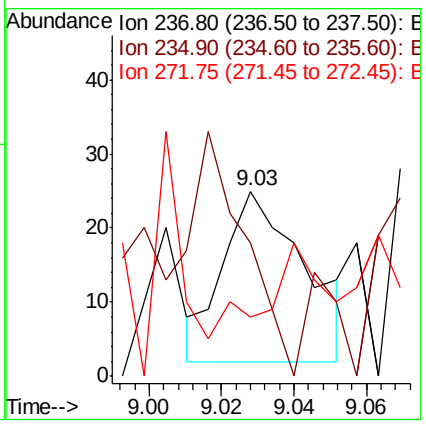


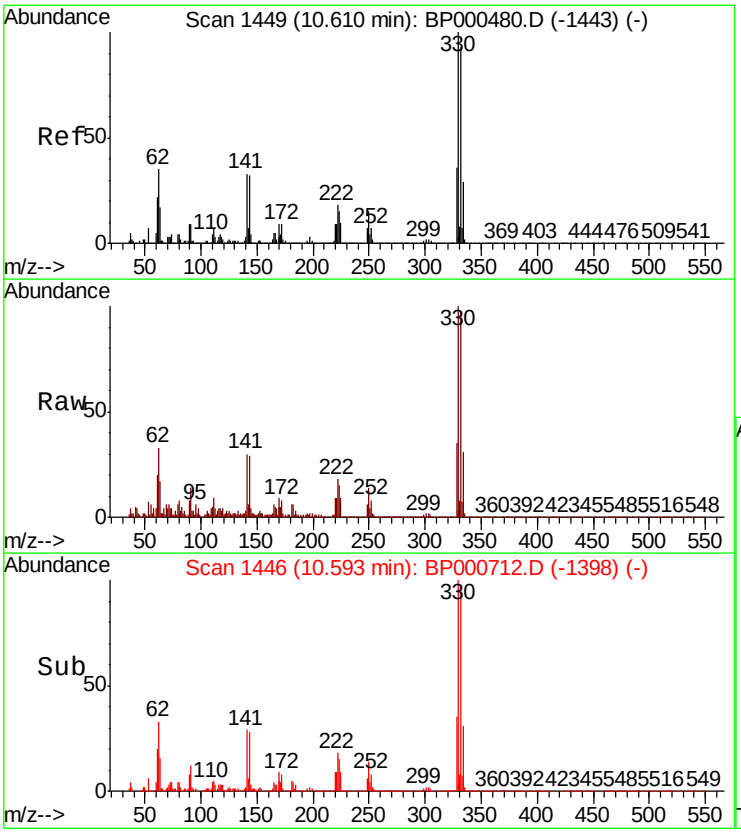
#41
Hexachlorocyclopentadiene
Concen: 7.304 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.10 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:237 Resp: 36

Ion	Ratio	Lower	Upper
237	100		
235	72.0	42.9	82.9
272	32.0	0.0	32.4

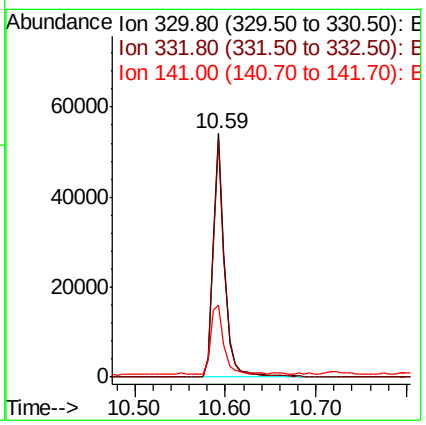


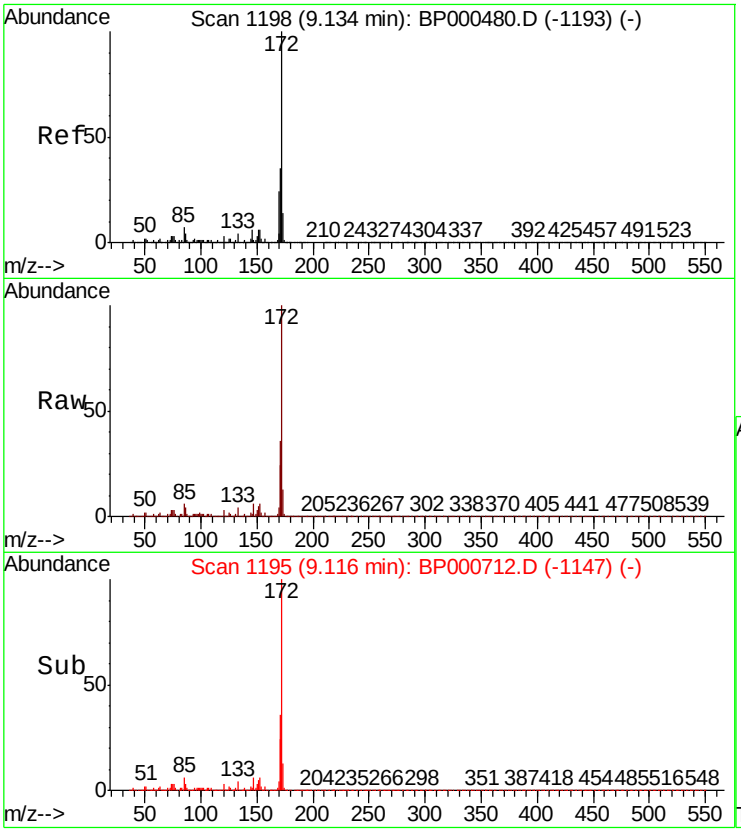


#42
2,4,6-Tribromophenol
Concen: 11.162 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion:330 Resp: 47384

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.1	115.7
141	32.5	26.0	39.0



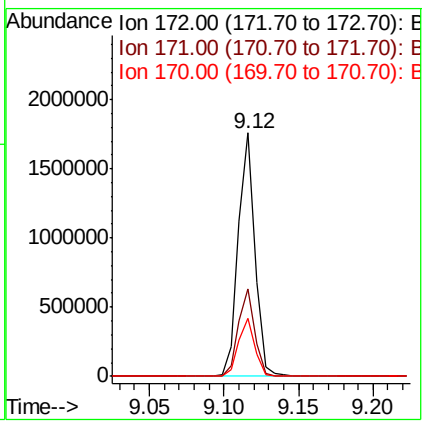


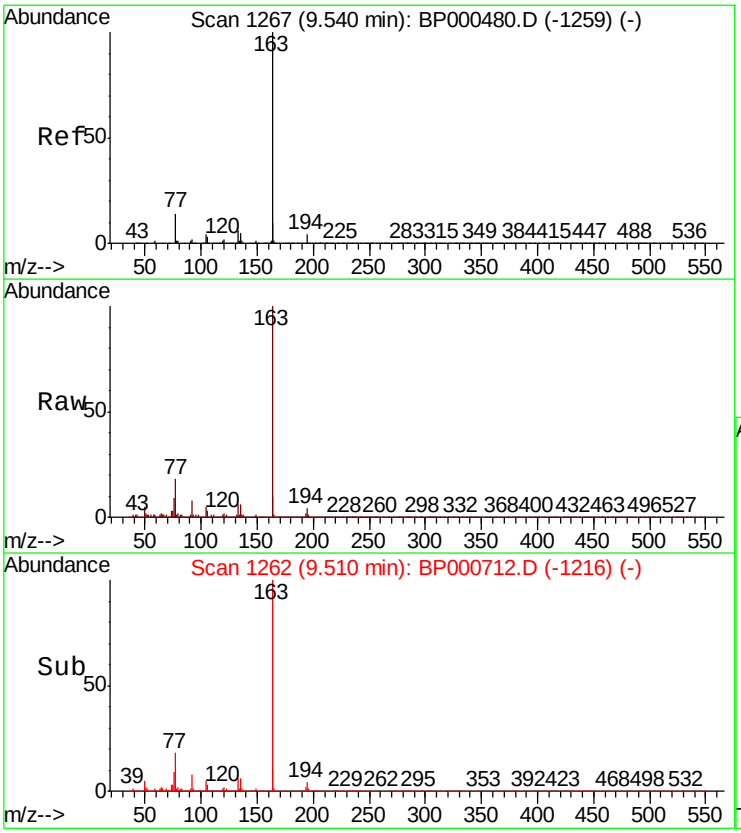
#45
2-Fluorobiphenyl
Concen: 56.055 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 1380088

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.4	42.6
170	23.8	19.1	28.7

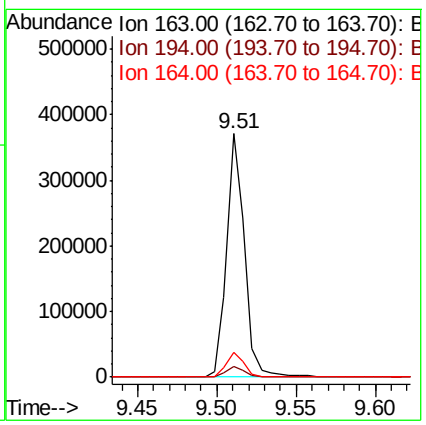


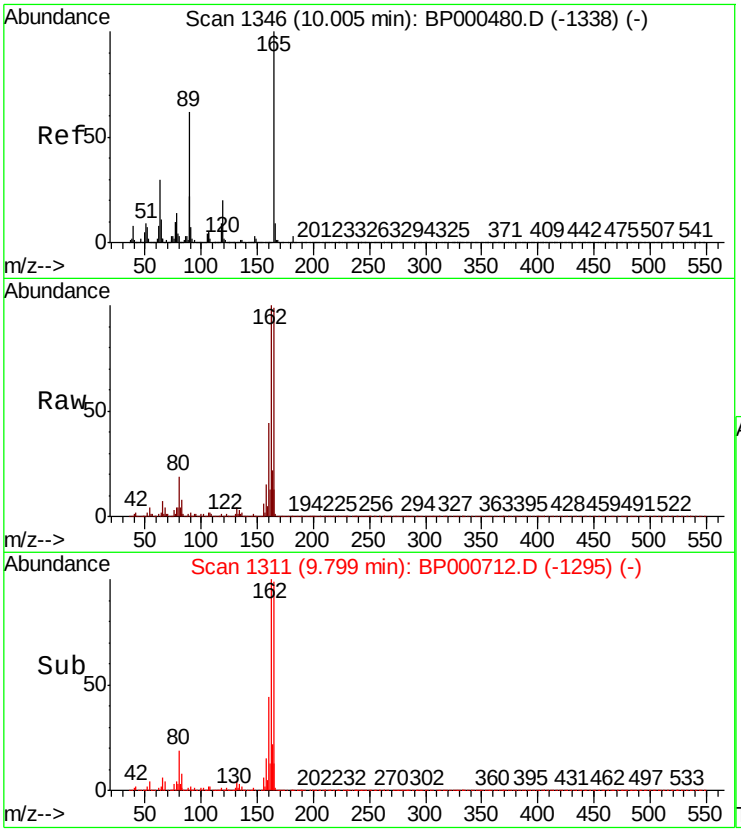


#50
Dimethylphthalate
Concen: 10.305 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion:163 Resp: 285230

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.3	8.0	12.0



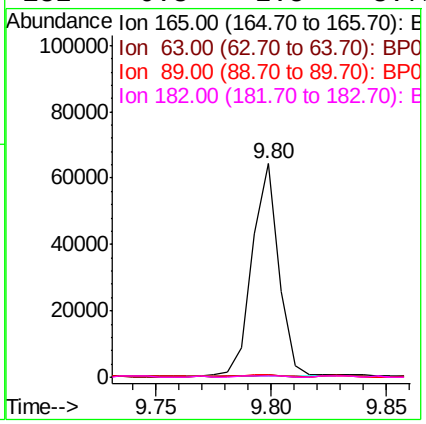


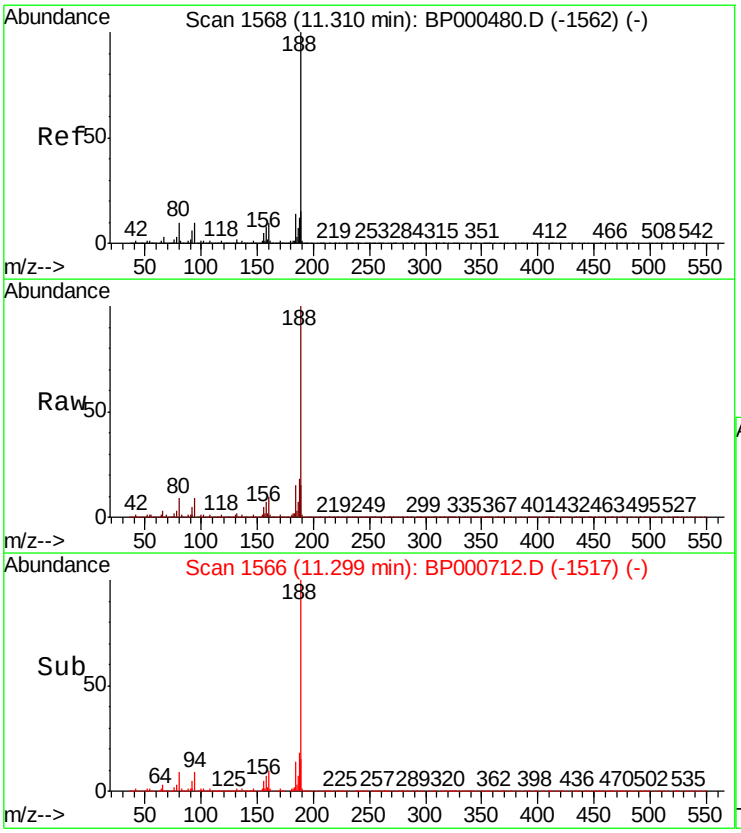
#57
2,4-Dinitrotoluene
Concen: 6.477 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 51841

Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.2	36.4#
89	1.3	49.4	74.0#
182	0.3	2.5	3.7#

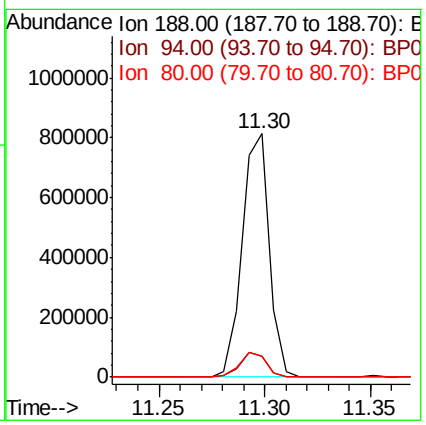


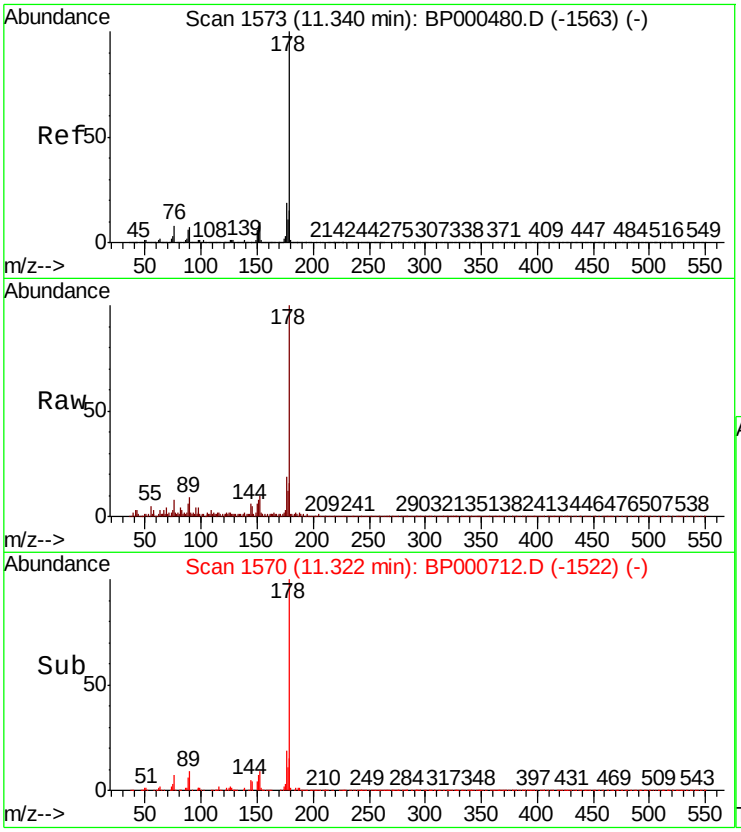


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion:188 Resp: 721973

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	8.7	8.3	12.5



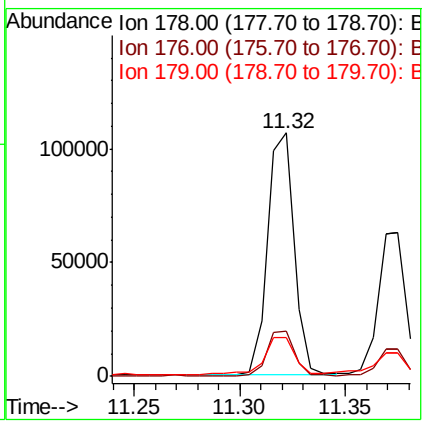


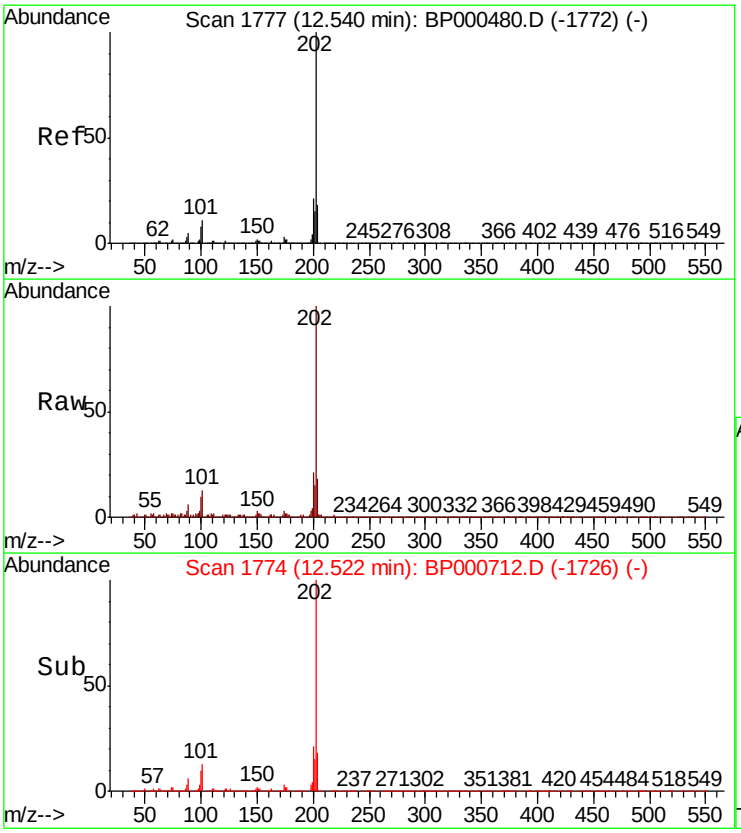
#71
Phenanthrene
Concen: 2.586 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 93761

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.8	12.2	18.4

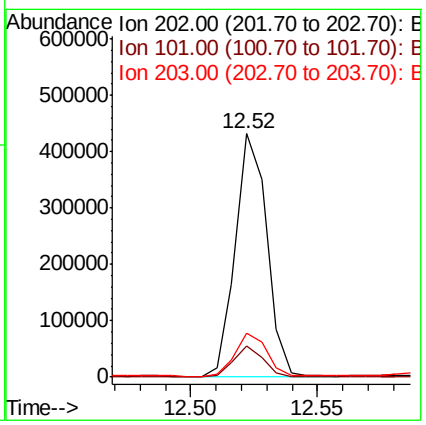


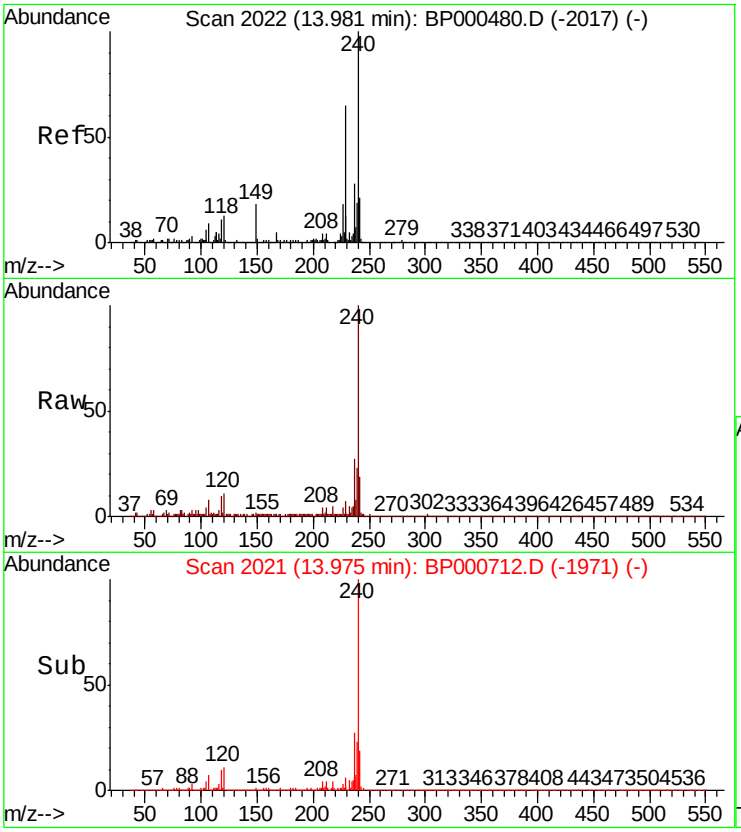


#75
Fluoranthene
Concen: 9.117 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion:202 Resp: 371279

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.3
203	18.2	0.0	38.1



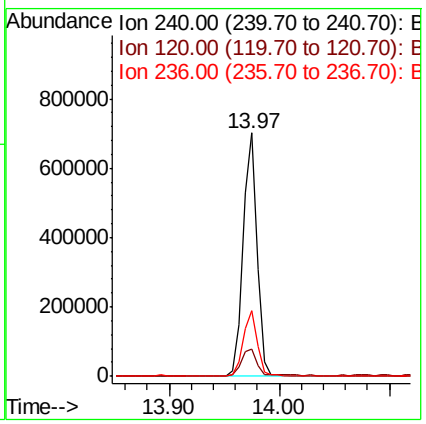


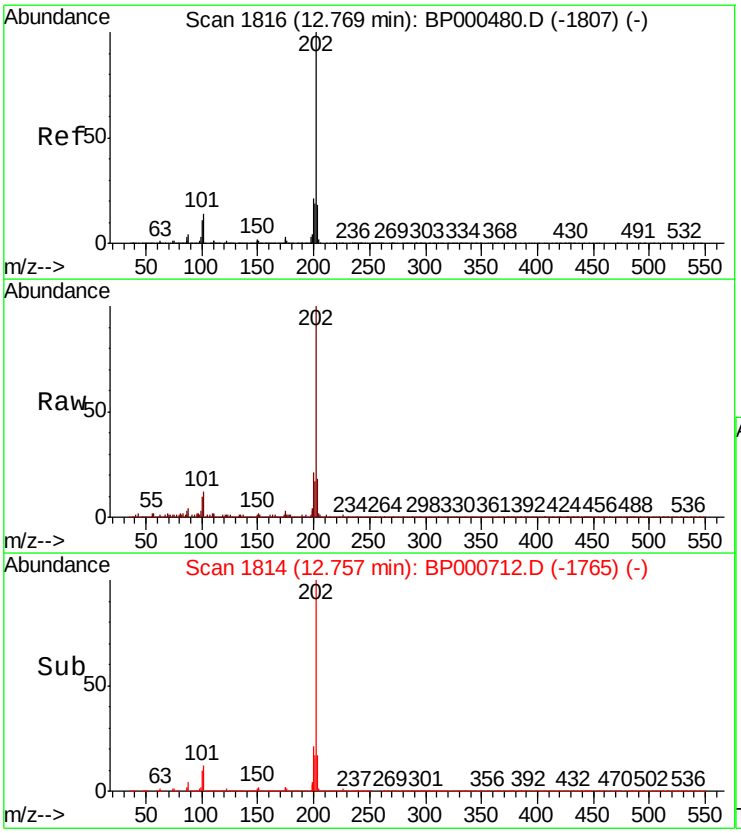
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 620450

Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.1	15.1
236	26.9	22.7	34.1

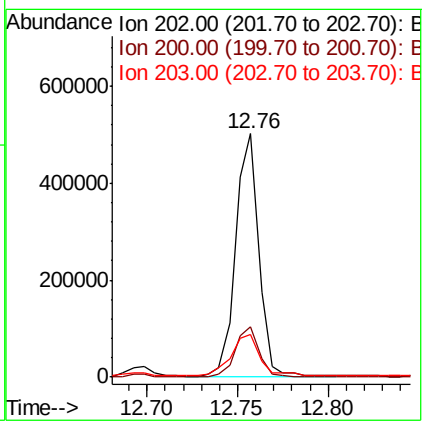


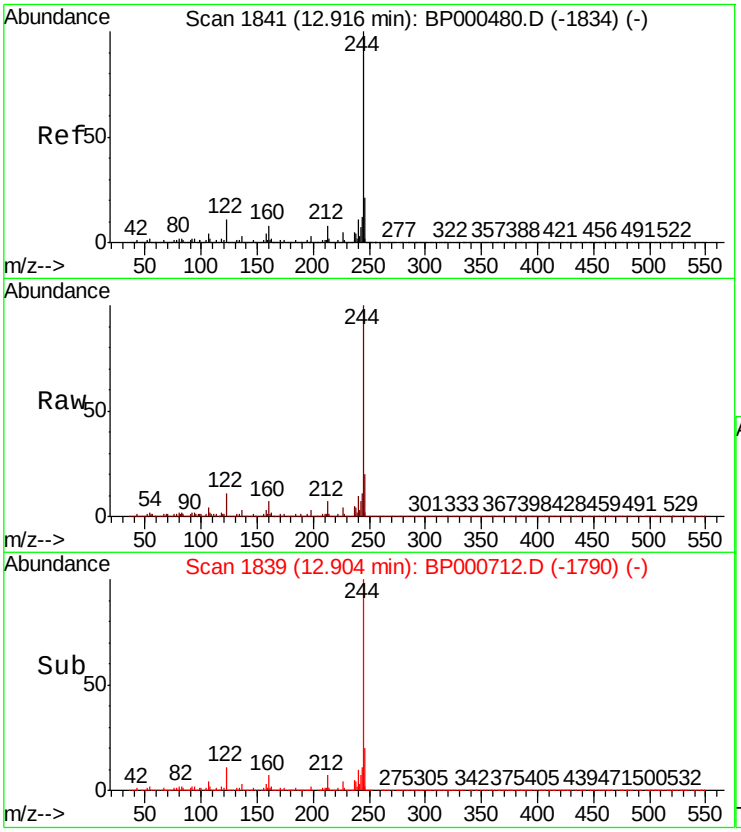


#78
Pyrene
Concen: 10.347 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion:202 Resp: 442789

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.1	25.7
203	17.6	14.6	21.8



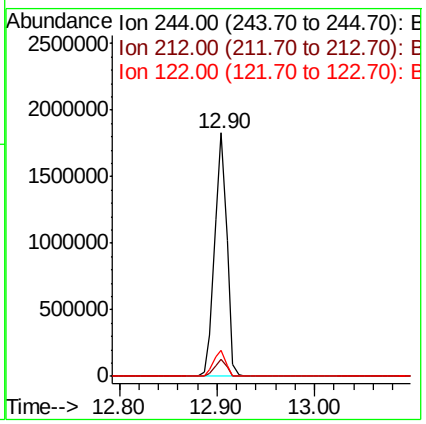


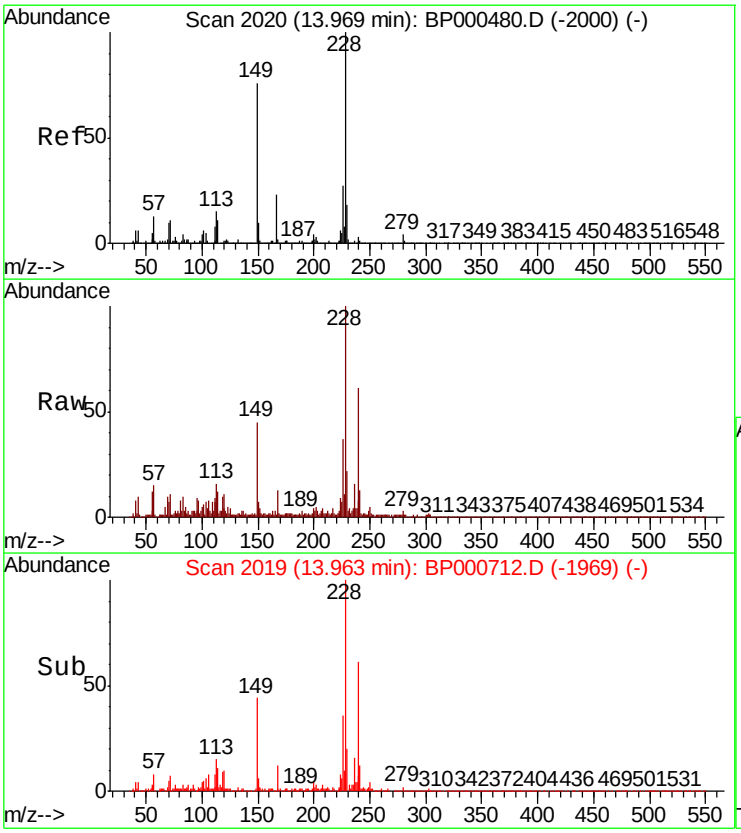
#79
Terphenyl-d14
Concen: 51.745 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 1585648

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	10.8	8.9	13.3

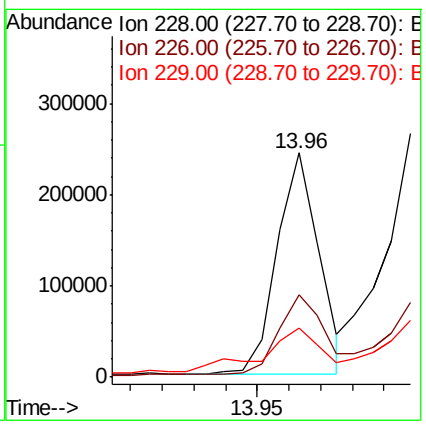


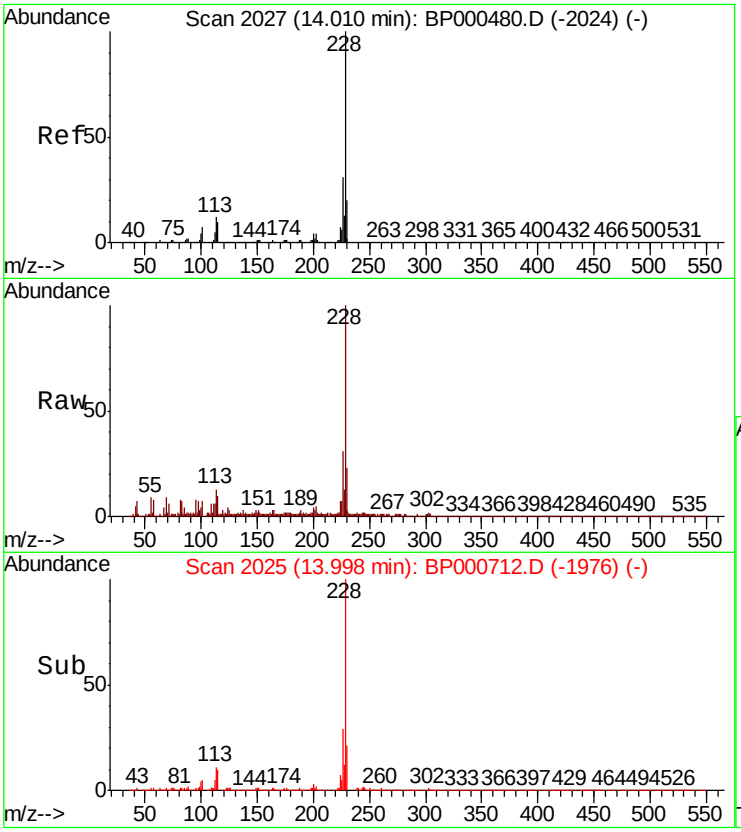


#81
Benzo(a)anthracene
Concen: 5.931 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion:228 Resp: 224516

Ion	Ratio	Lower	Upper
228	100		
226	36.8	21.4	32.2#
229	22.1	14.7	22.1#



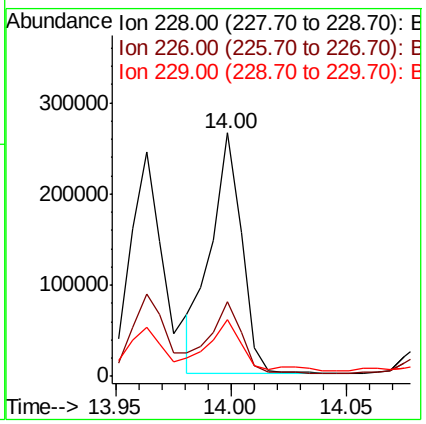


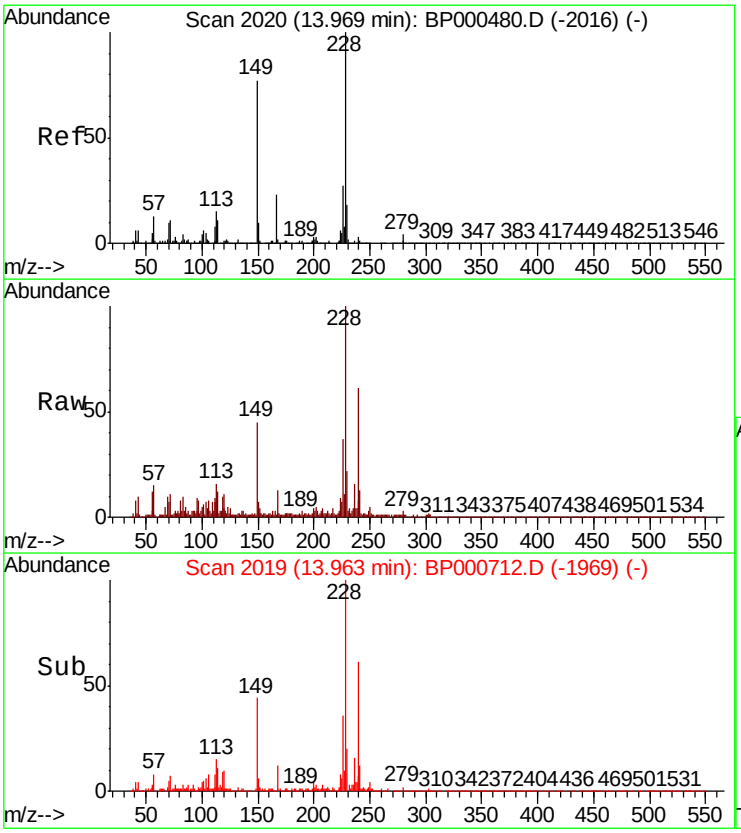
#83
Chrysene
Concen: 6.627 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 246242

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	23.4	16.3	24.5

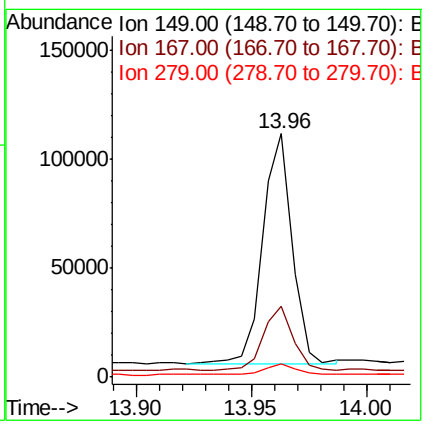


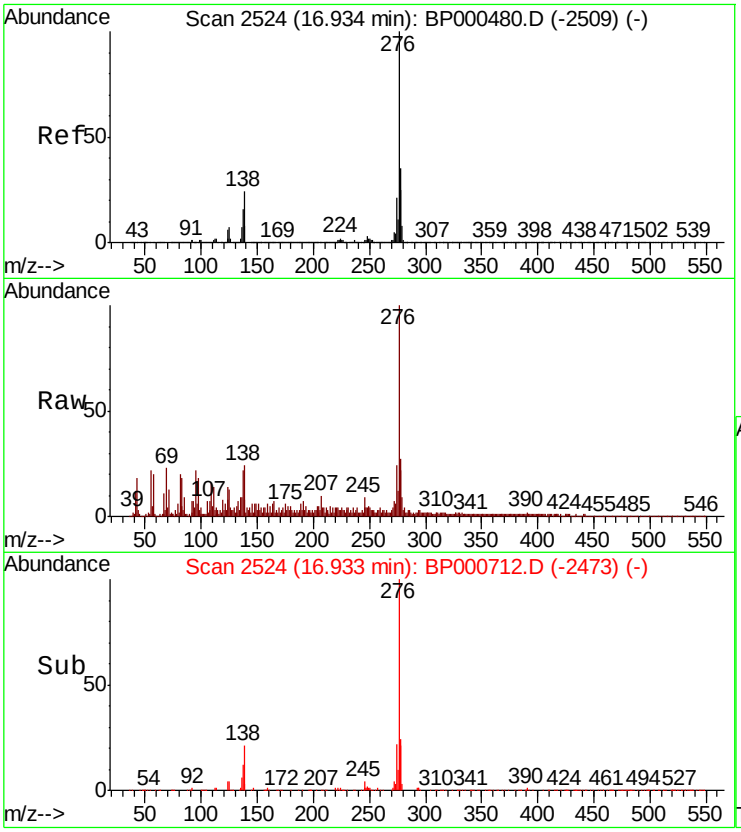


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.981 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion:149 Resp: 93367

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.6	35.4
279	5.5	3.9	5.9



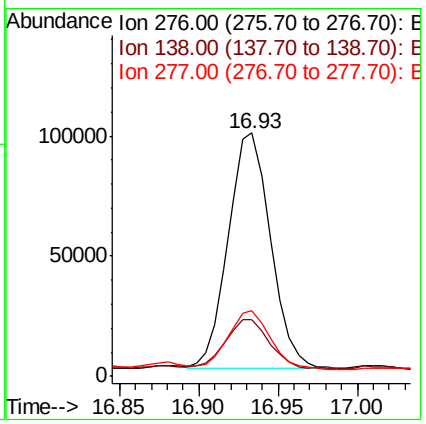


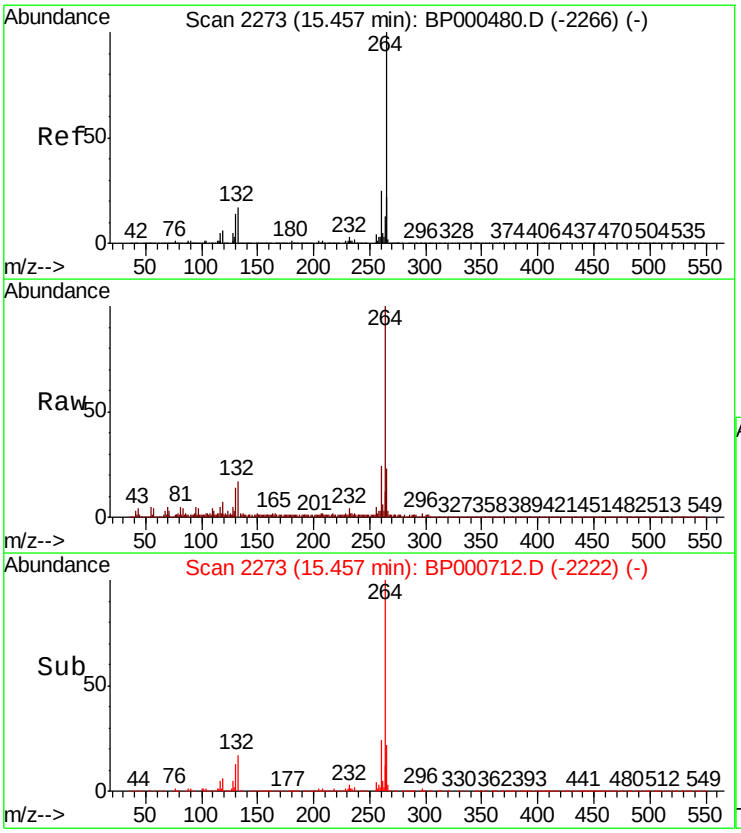
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.940 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 182868

Ion	Ratio	Lower	Upper
276	100		
138	21.4	20.9	31.3
277	25.5	20.6	30.8

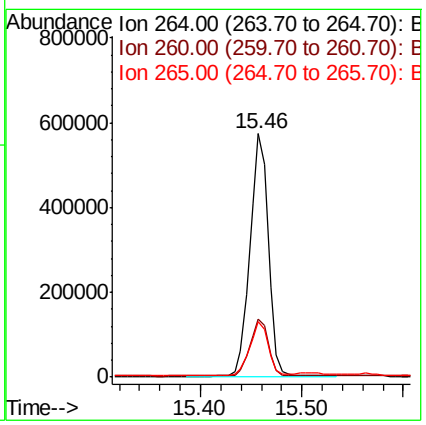


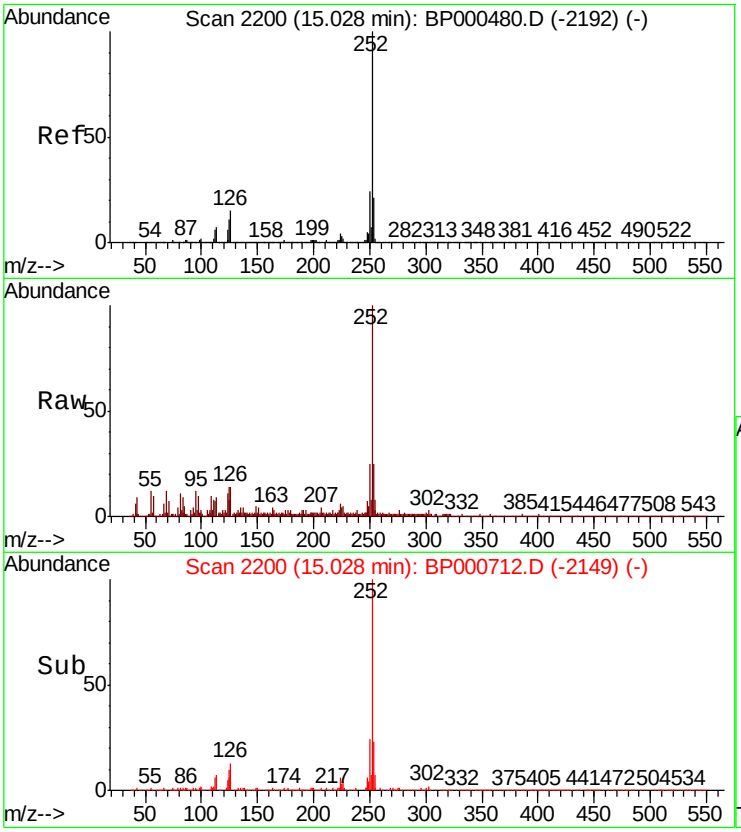


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion:264 Resp: 717840

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.3	30.5
265	22.7	18.0	27.0



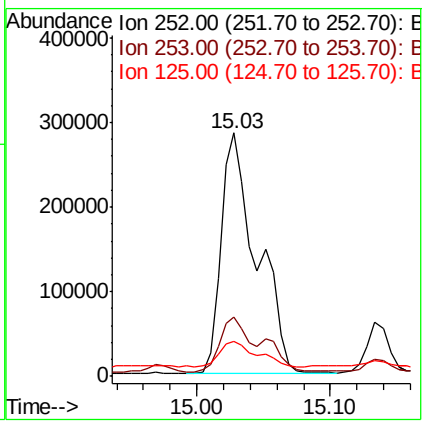


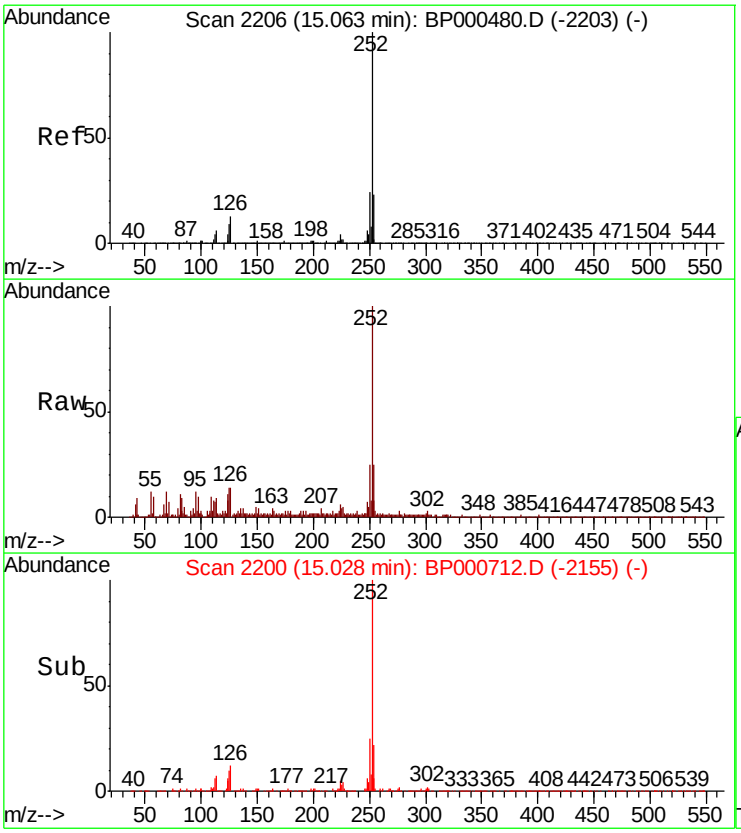
#88
Benzo(b)fluoranthene
Concen: 13.059 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 531826

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.4
125	14.5	8.9	13.3#

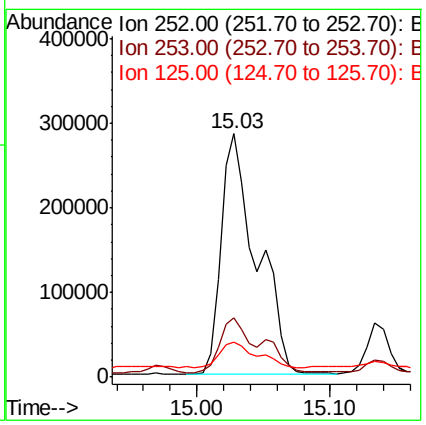


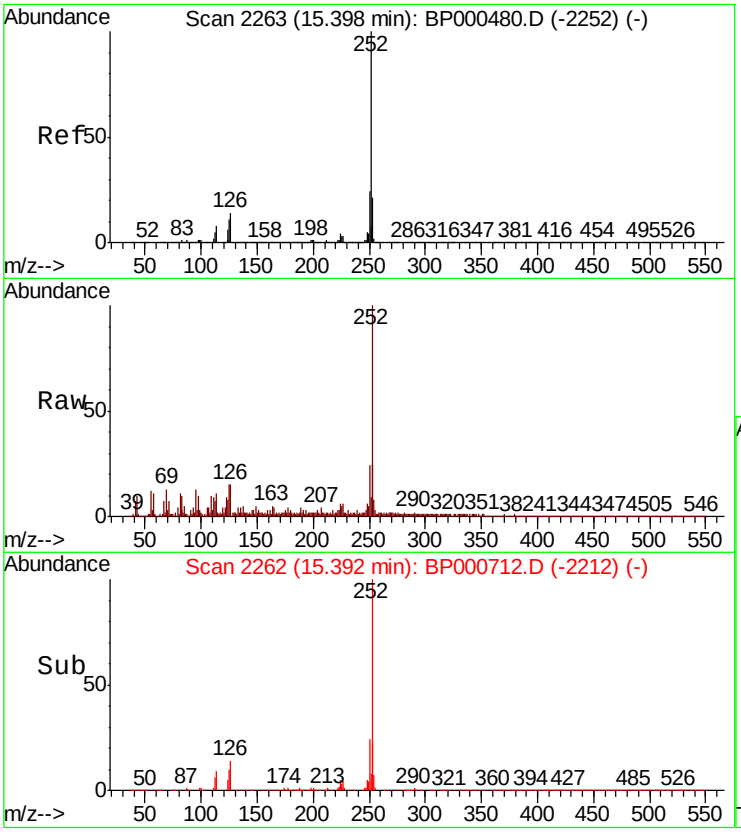


#89
Benzo(k)fluoranthene
Concen: 13.717 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion:252 Resp: 531826

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	14.5	7.8	11.8#



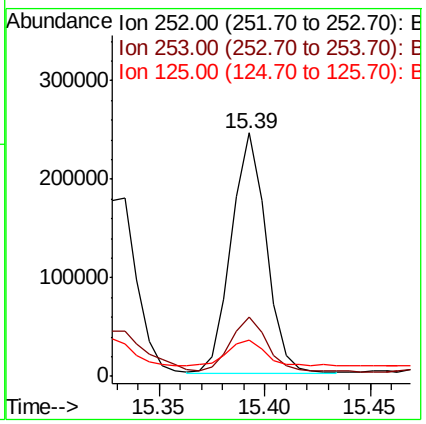


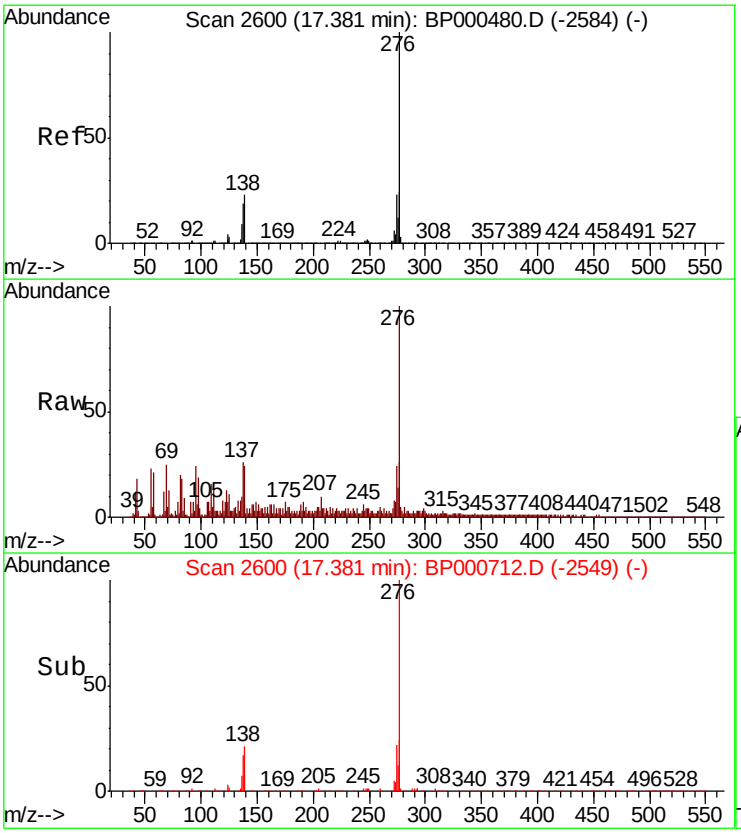
#90
Benzo(a)pyrene
Concen: 7.303 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 277240

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.6
125	14.7	8.4	12.6#





#92
Benzo(g,h,i)perylene
Concen: 4.834 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.00 min
Lab File: BP000712.D
Acq: 14 Oct 2019 15:53

Tgt Ion:276 Resp: 180865

Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.4	29.2
138	24.0	18.5	27.7