Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000697.D
Acq On : 13 Oct 2019 03:16
Operator : JU
Sample : K5348-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Oct 14 04:42:23 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	215449	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	767406	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	417583	20.00	ng		-0.02
64) Phenanthrene-d10	11.29	188	747689	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	629950	20.00	ng		-0.01
87) Perylene-d12	15.45	264	736881	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	366225	27.32	ng		-0.02
7) Phenol-d6	6.39	99	1275229	78.95	ng		-0.02
23) Nitrobenzene-d5	7.31	82	838944	66.77	ng		-0.02
42) 2,4,6-Tribromophenol	10.59	330	63760	14.33	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	1446862	56.06	ng		-0.02
79) Terphenyl-d14	12.90	244	1629073	52.36	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.29	77	40131	4.770	ng		95
10) Phenol	6.40	94	93059	5.627	ng		93
19) n-Nitroso-di-n-propylamine	7.31	70	103484	13.900	ng	#	74
25) Isophorone	7.31	82	838078	37.582	ng	#	61
41) Hexachlorocyclopentadiene	8.96	237	16	7.300	ng		88
50) Dimethylphthalate	9.51	163	283569	9.773	ng		99
57) 2,4-Dinitrotoluene	9.80	165	54635	6.512	ng	#	32
71) Phenanthrene	11.32	178	89185	2.375	ng		99
75) Fluoranthene	12.52	202	305334	7.240	ng		100
78) Pyrene	12.75	202	331619	7.633	ng		99
81) Benzo(a)anthracene	13.96	228	195894	5.097	ng	#	82
83) Chrysene	13.99	228	181494	4.811	ng		96
84) Bis(2-ethylhexyl)phthalate	13.96	149	138594	5.821	ng		99
86) Indeno(1,2,3-cd)pyrene	16.92	276	126163	2.677	ng		97
88) Benzo(b)fluoranthene	15.02	252	352857	8.441	ng	#	87
89) Benzo(k)fluoranthene	15.02	252	352857	8.866	ng	#	89
90) Benzo(a)pyrene	15.38	252	215753	5.536	ng	#	87
92) Benzo(g,h,i)perylene	17.36	276	130529	3.399	ng		97

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

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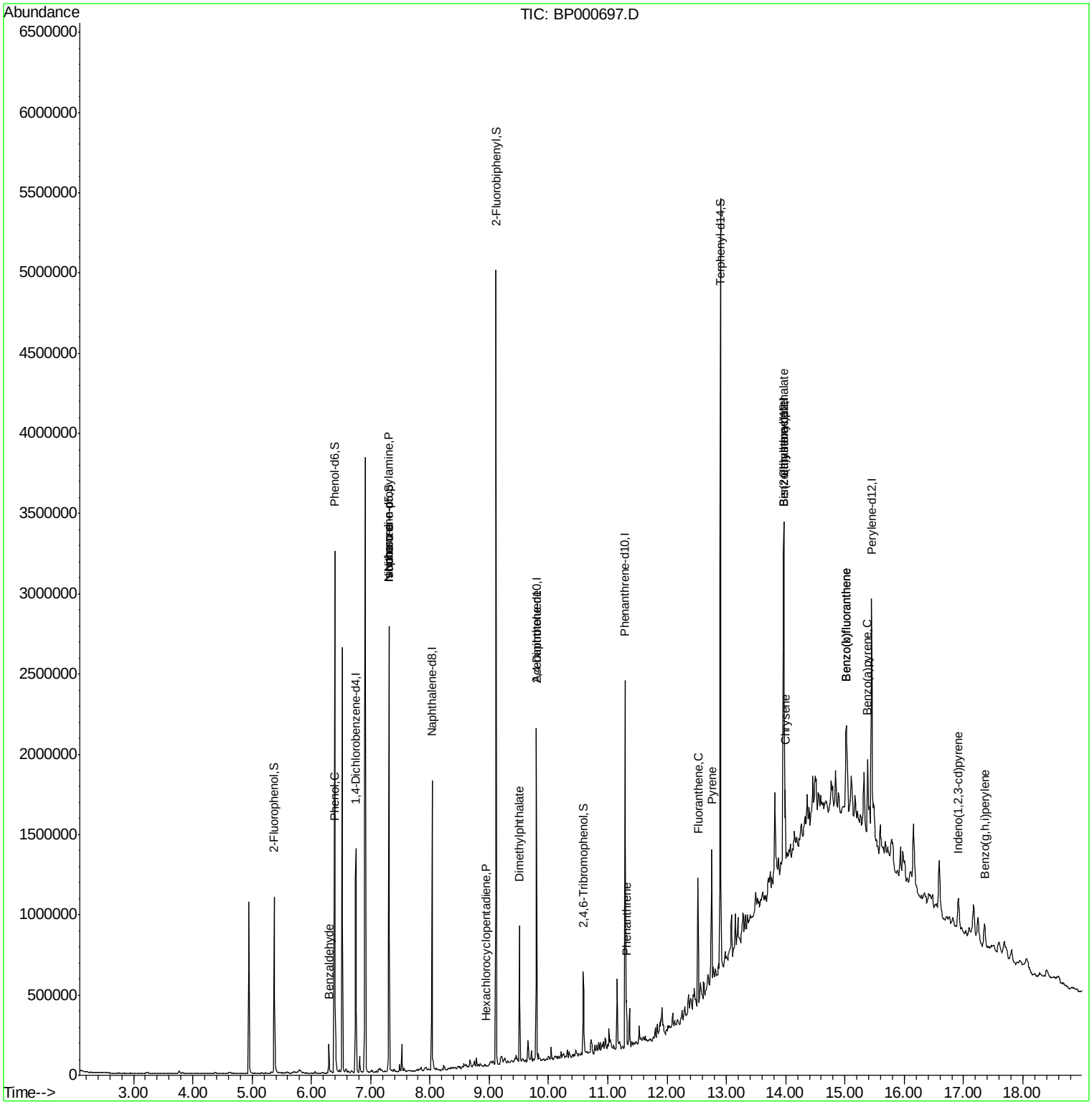
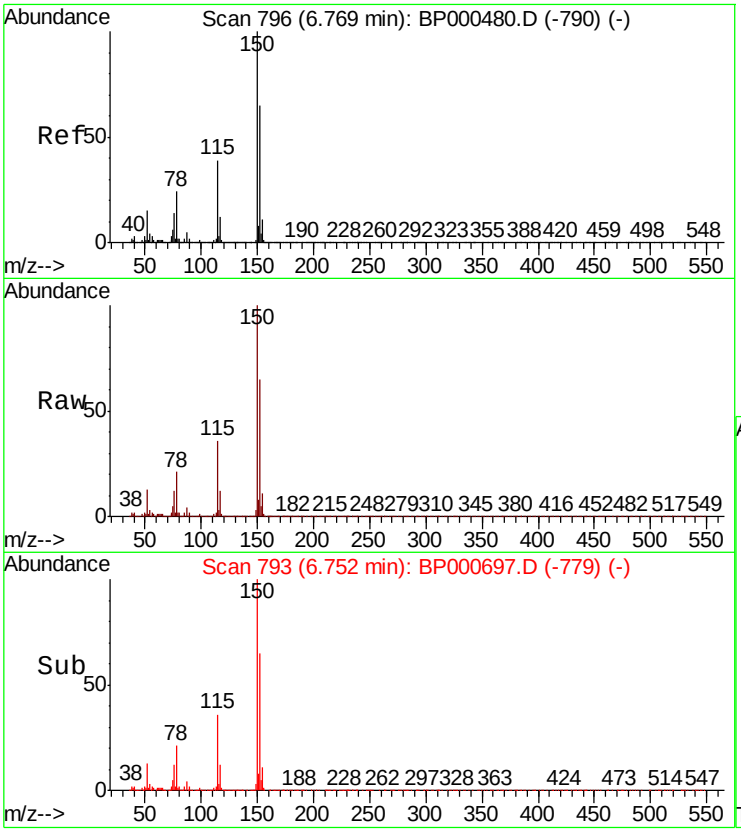


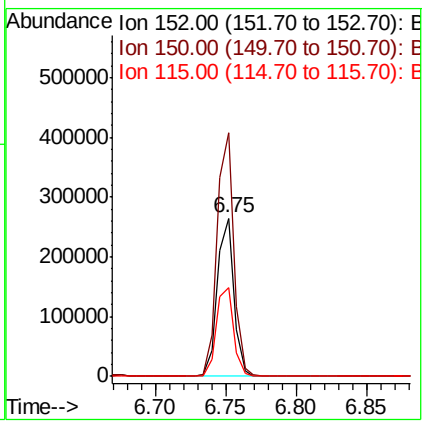


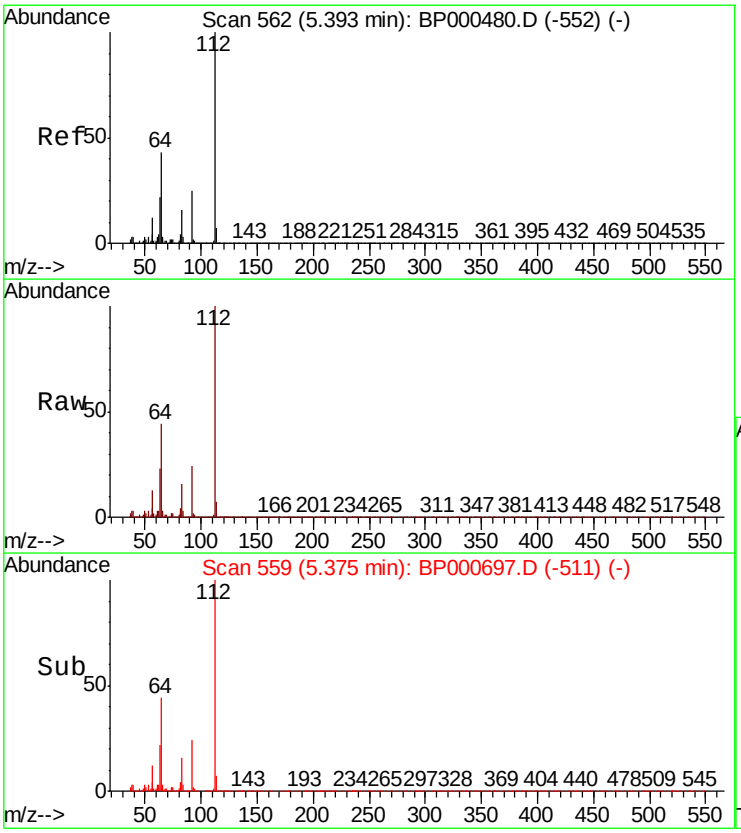
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 215449

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.1	186.1
115	56.0	48.7	73.1

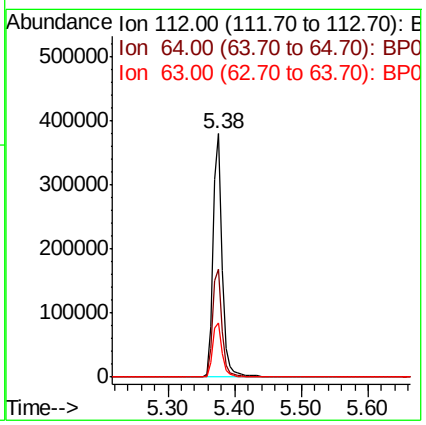


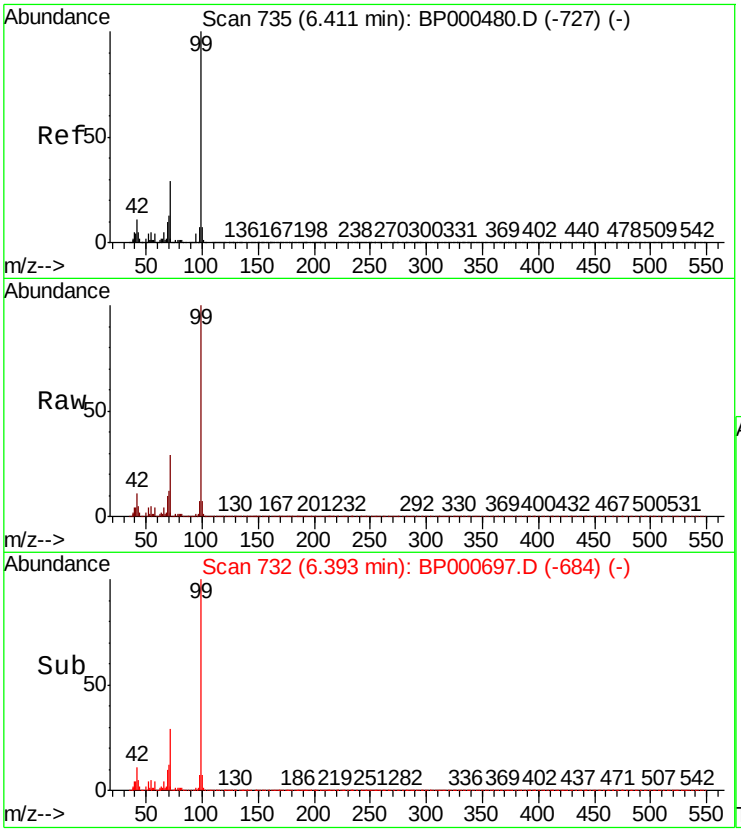


#5
2-Fluorophenol
Concen: 27.324 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion:112 Resp: 366225

Ion	Ratio	Lower	Upper
112	100		
64	44.2	34.2	51.4
63	22.5	17.9	26.9



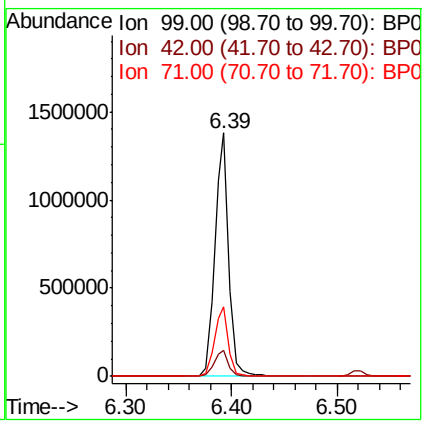


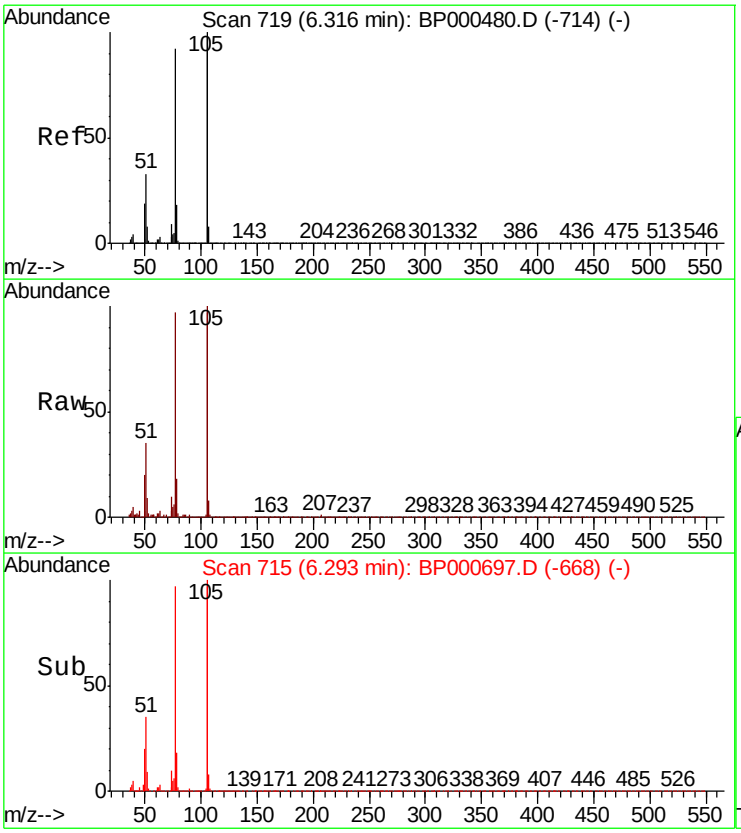
#7
Phenol-d6
Concen: 78.954 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1275229

Ion	Ratio	Lower	Upper
99	100		
42	10.8	8.6	12.8
71	28.7	23.0	34.4

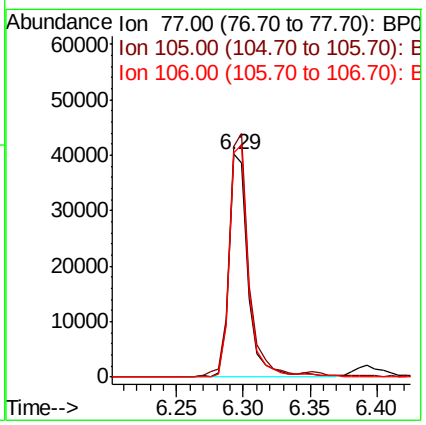


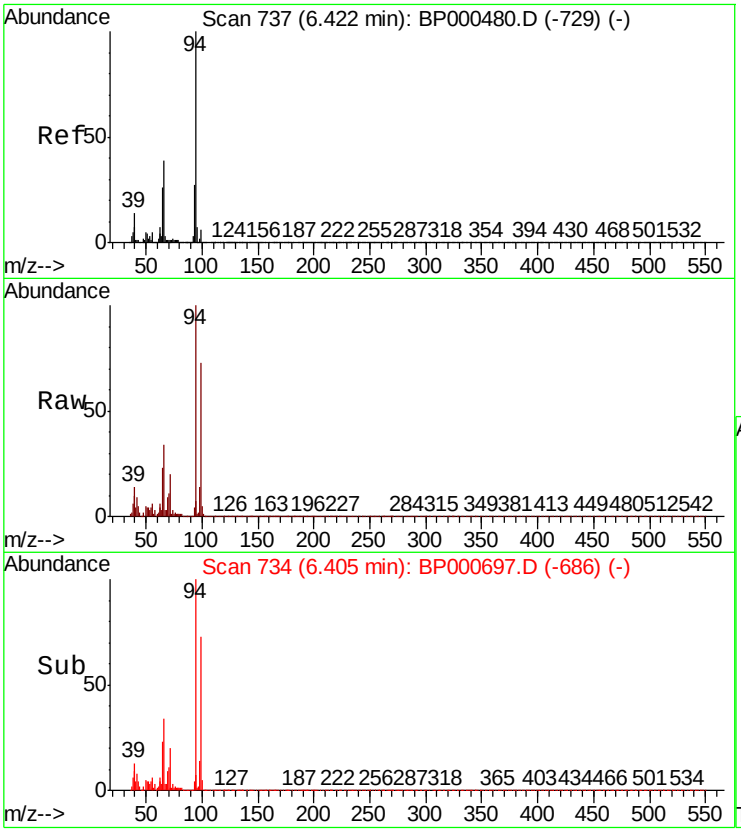


#9
Benzaldehyde
Concen: 4.770 ng
RT: 6.29 min Scan# 715
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion: 77 Resp: 40131

Ion	Ratio	Lower	Upper
77	100		
105	103.4	88.3	128.3
106	100.4	85.7	125.7



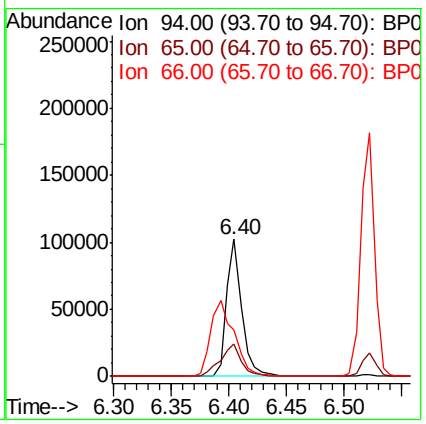


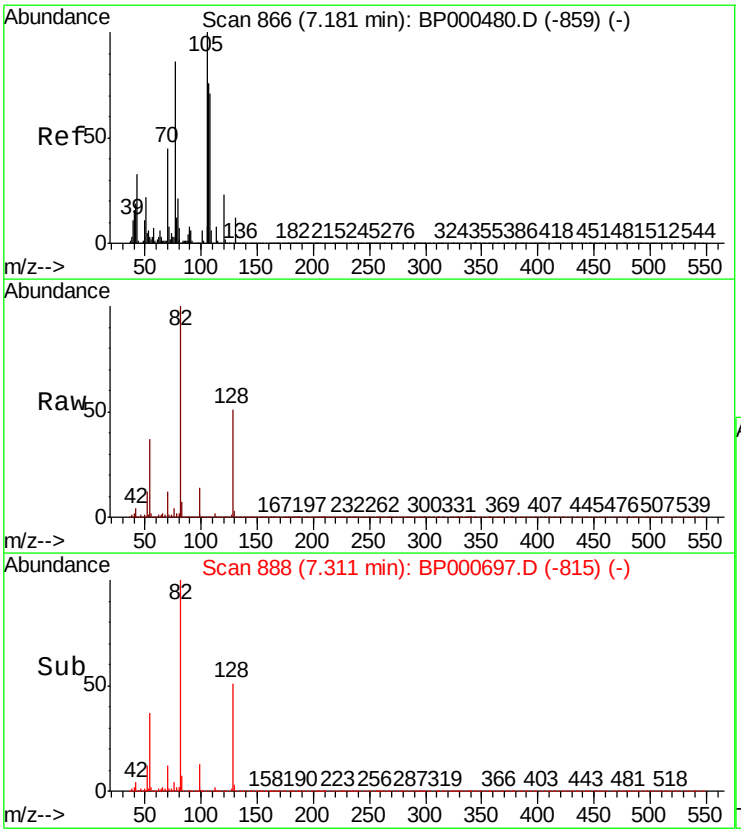
#10
Phenol
Concen: 5.627 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 93059

Ion	Ratio	Lower	Upper
94	100		
65	23.4	5.9	45.9
66	33.9	18.8	58.8

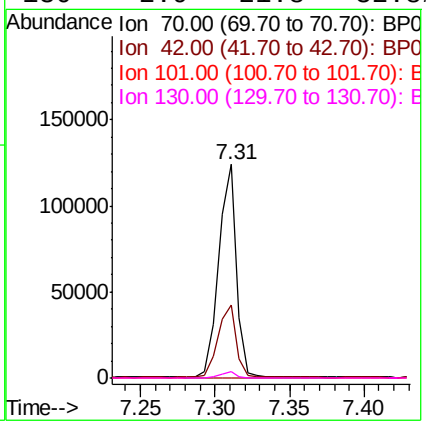


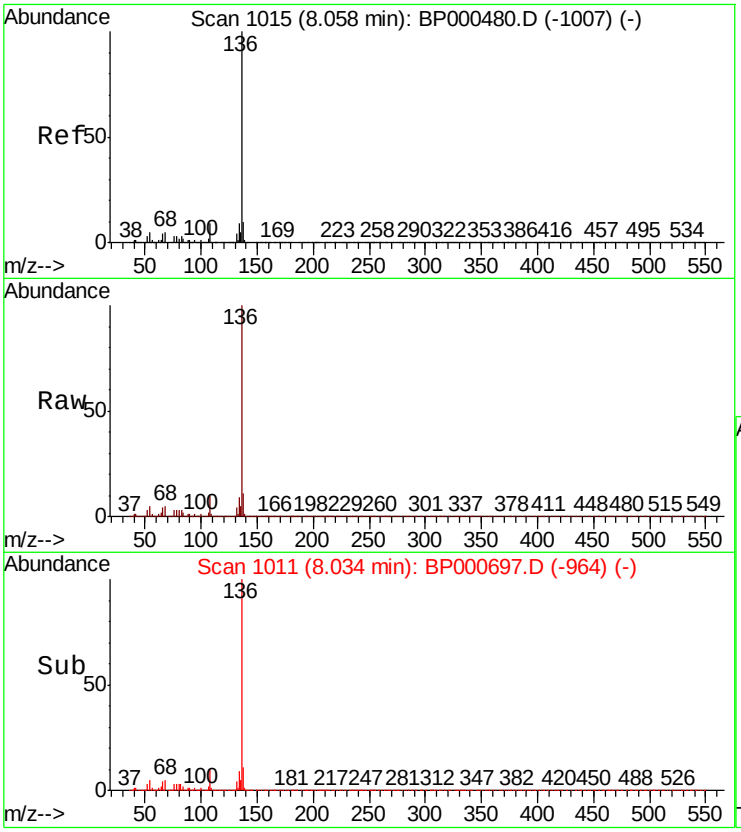


#19
n-Nitroso-di-n-propylamine
Concen: 13.900 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion: 70 Resp: 103484

Ion	Ratio	Lower	Upper
70	100		
42	34.4	33.2	49.8
101	0.1	9.9	14.9#
130	2.9	21.8	32.8#



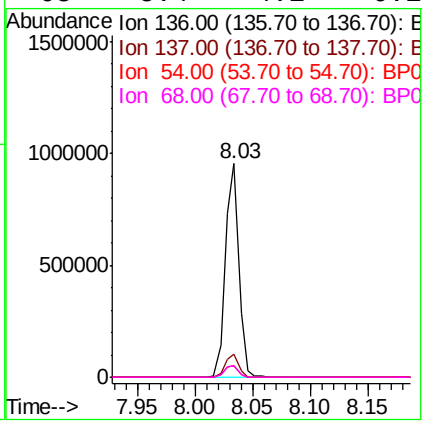


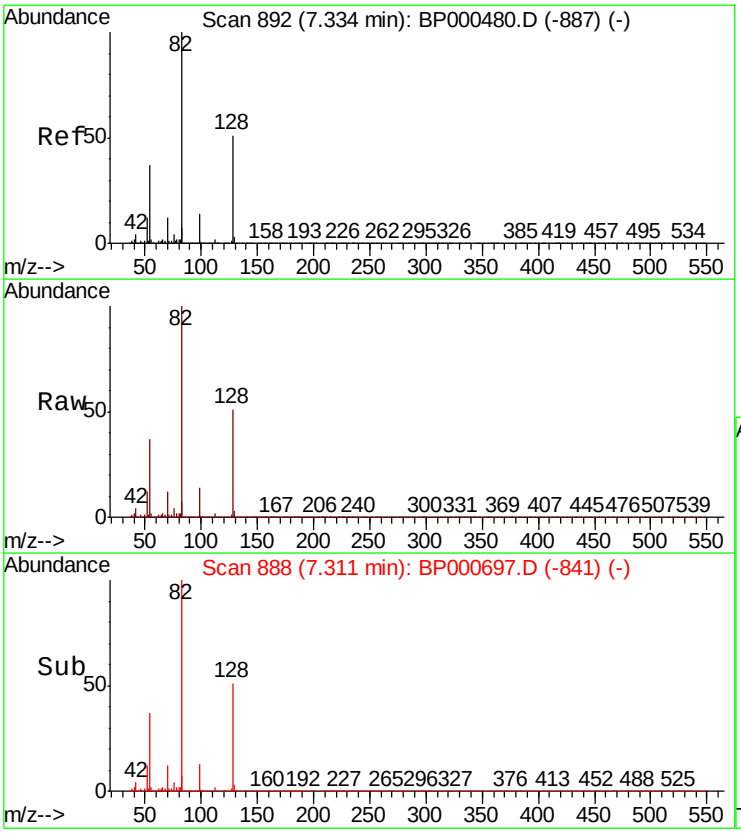
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 767406

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	5.2	4.1	6.1
68	5.4	4.1	6.1

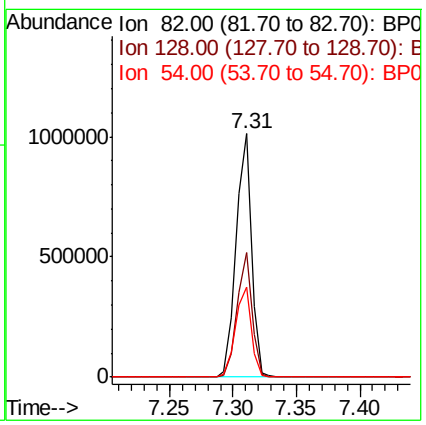


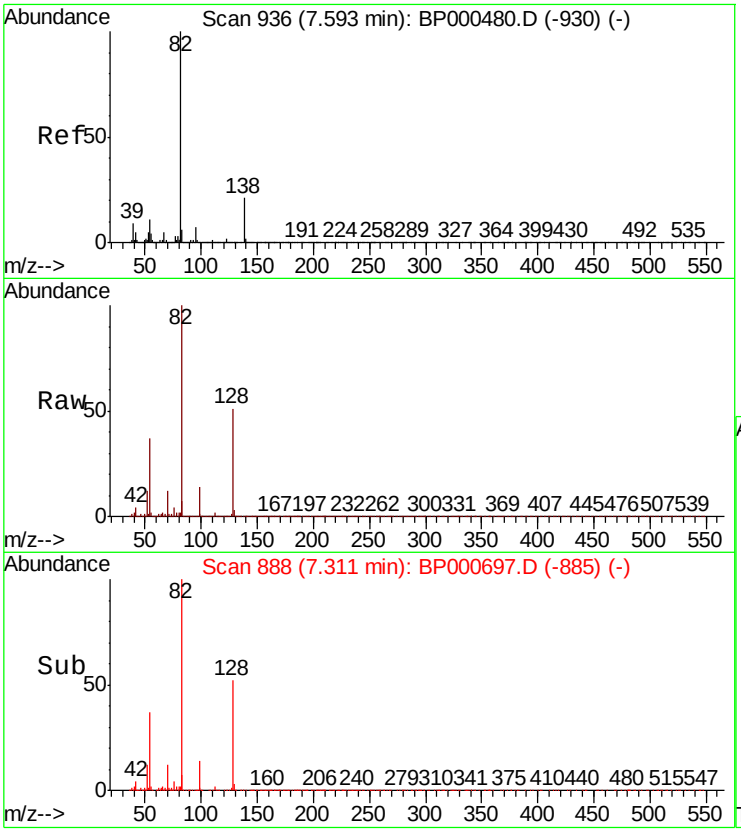


#23
Nitrobenzene-d5
Concen: 66.769 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion: 82 Resp: 838944

Ion	Ratio	Lower	Upper
82	100		
128	51.2	40.9	61.3
54	37.1	29.4	44.2



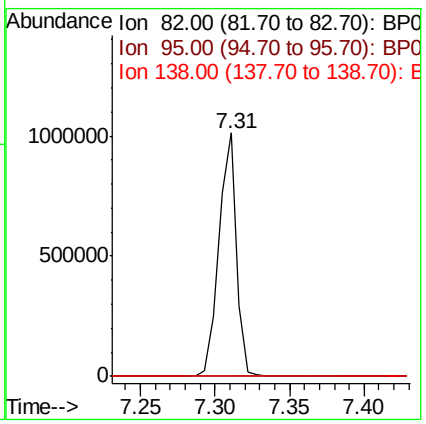


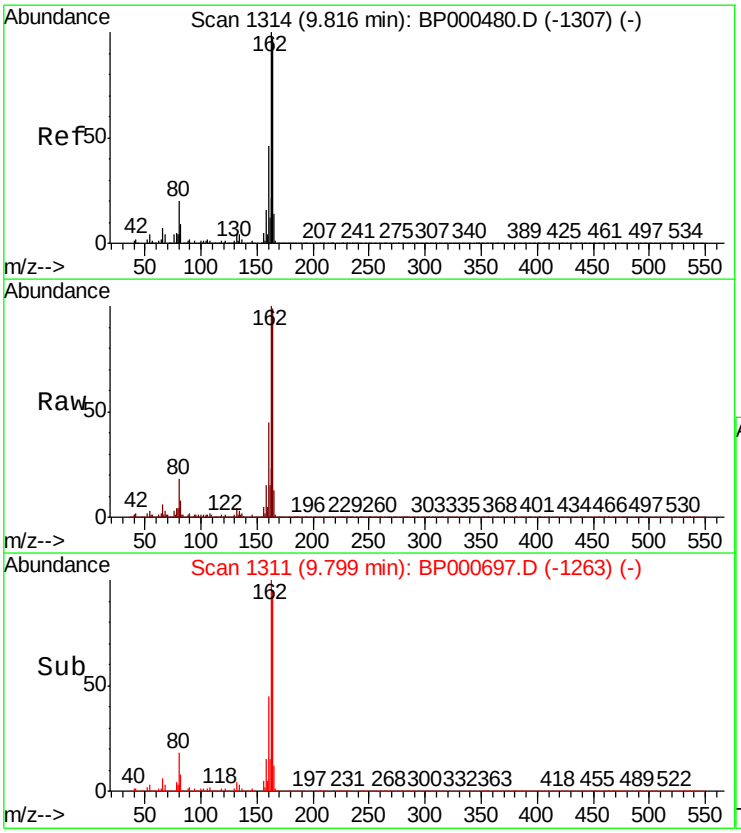
#25
Isophorone
Concen: 37.582 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 838078

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	17.0	25.4#

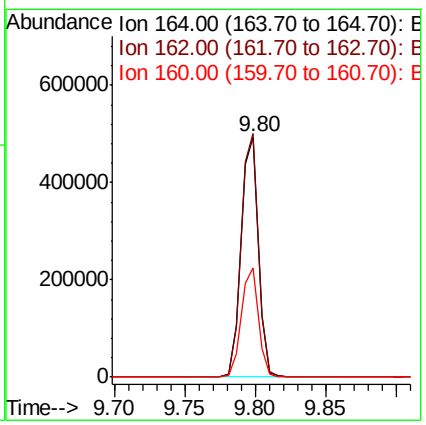


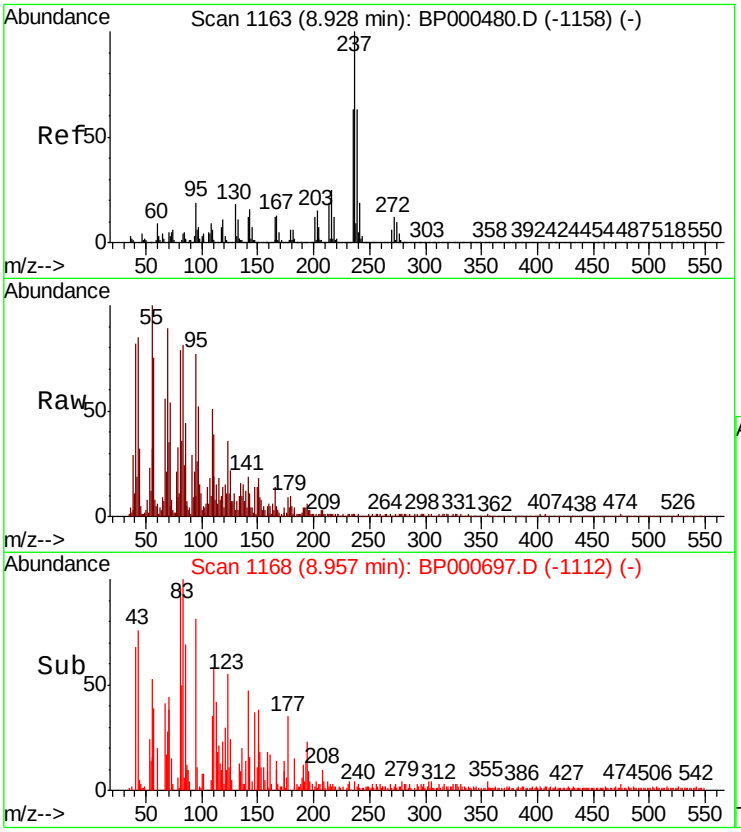


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion:164 Resp: 417583

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.2	123.2
160	45.2	37.6	56.4



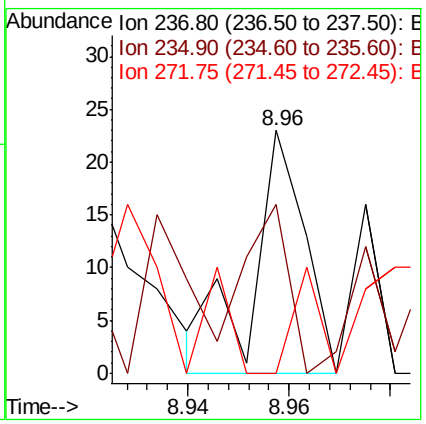


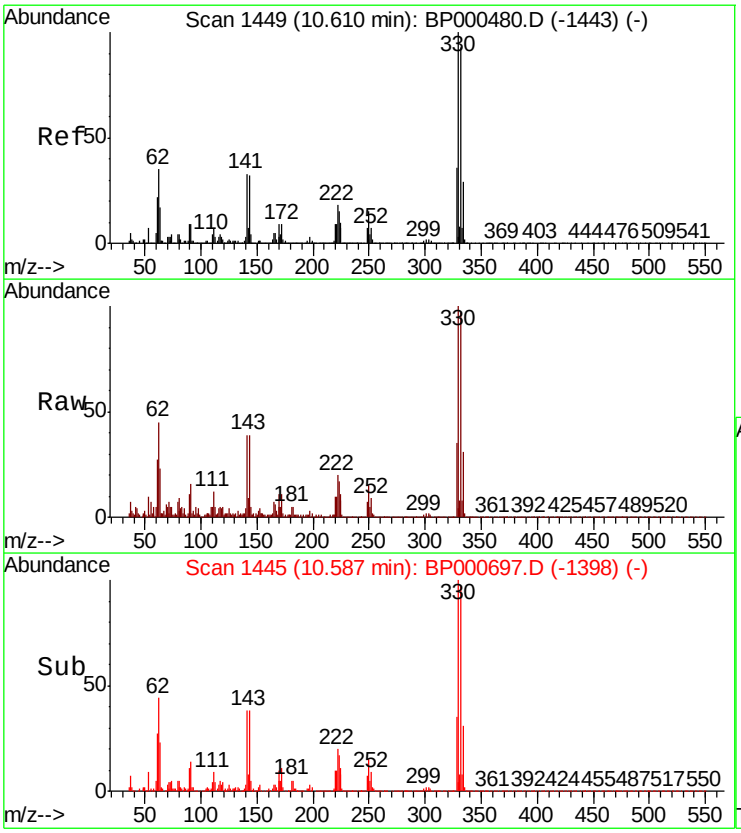
#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.03 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:237 Resp: 16

Ion	Ratio	Lower	Upper
237	100		
235	69.6	42.9	82.9
272	0.0	0.0	32.4

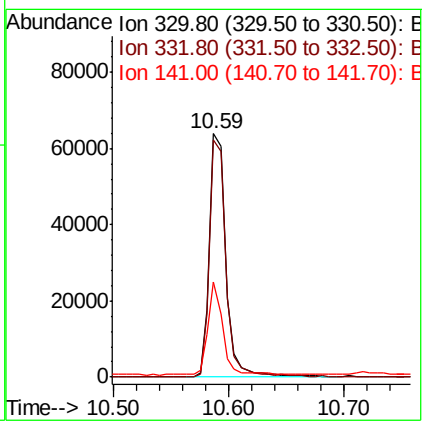


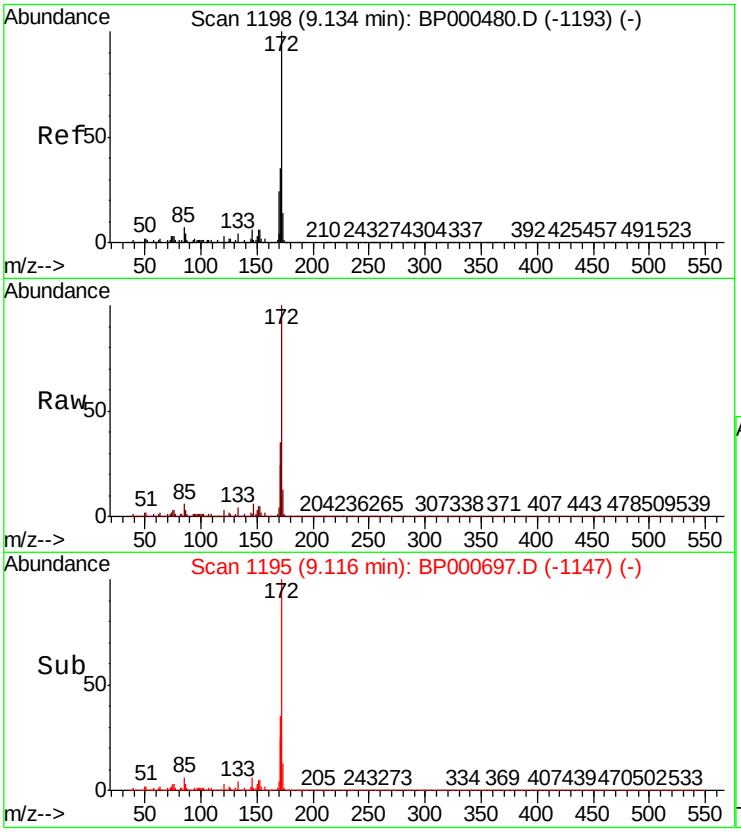


#42
2,4,6-Tribromophenol
Concen: 14.329 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion:330 Resp: 63760

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	33.4	26.0	39.0



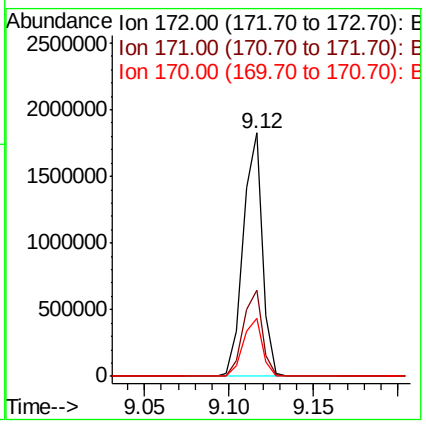


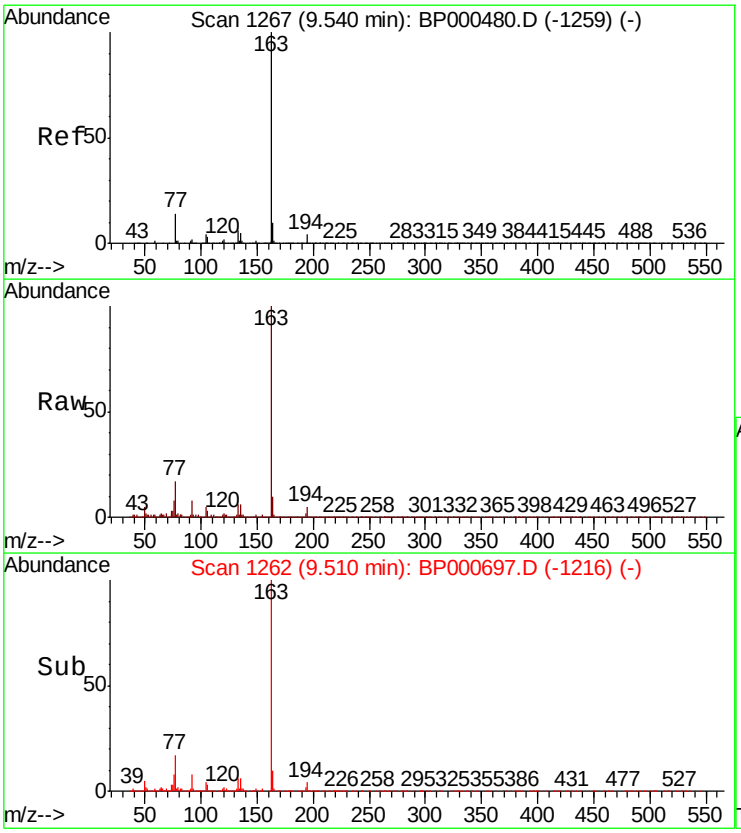
#45
2-Fluorobiphenyl
Concen: 56.061 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 1446862

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.4	42.6
170	23.7	19.1	28.7

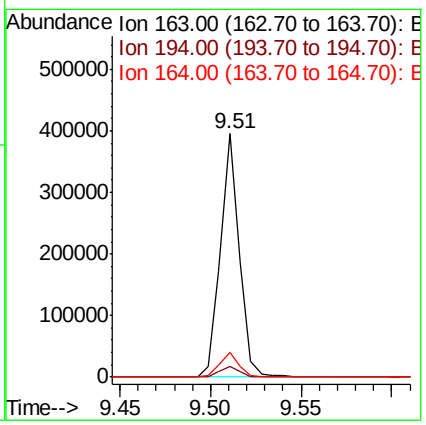


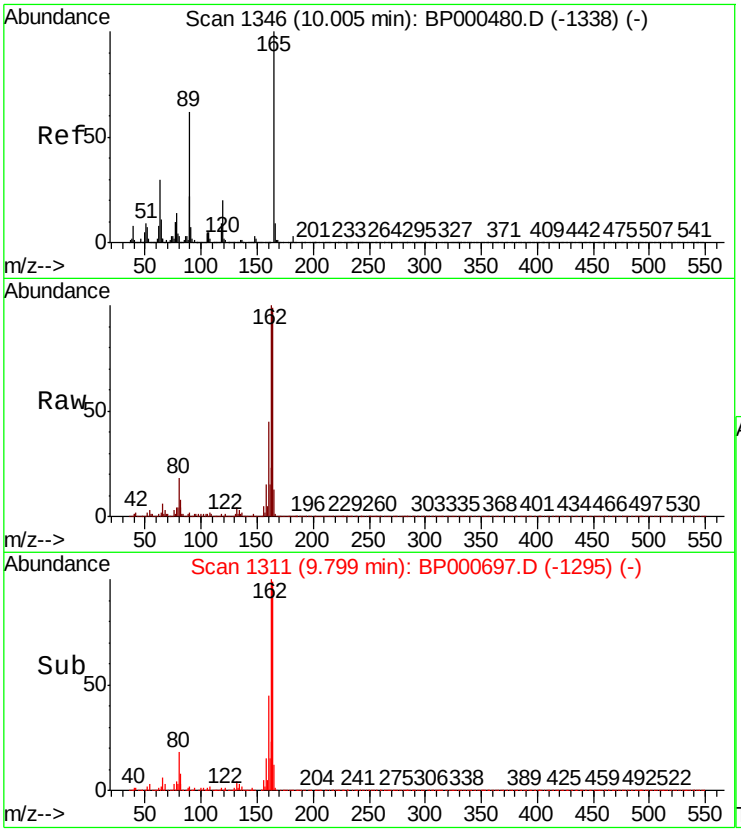


#50
Dimethylphthalate
Concen: 9.773 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion:163 Resp: 283569

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



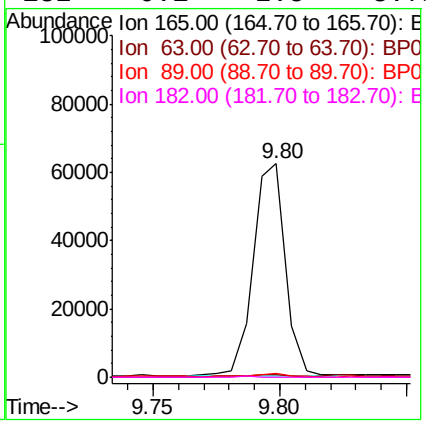


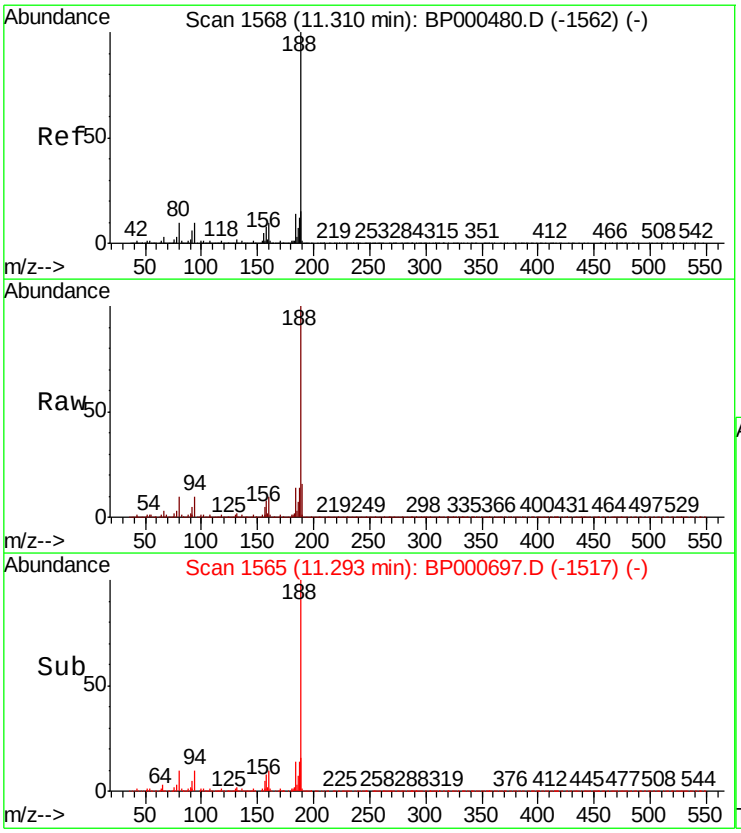
#57
2,4-Dinitrotoluene
Concen: 6.512 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 54635

Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.2	36.4#
89	1.6	49.4	74.0#
182	0.1	2.5	3.7#

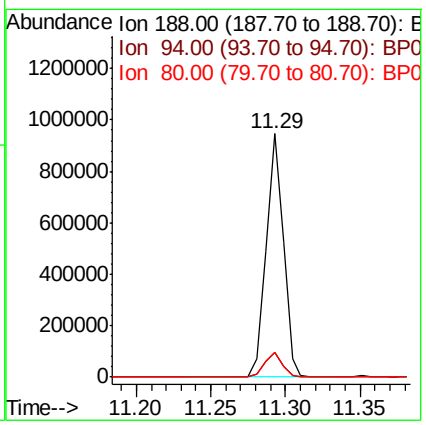


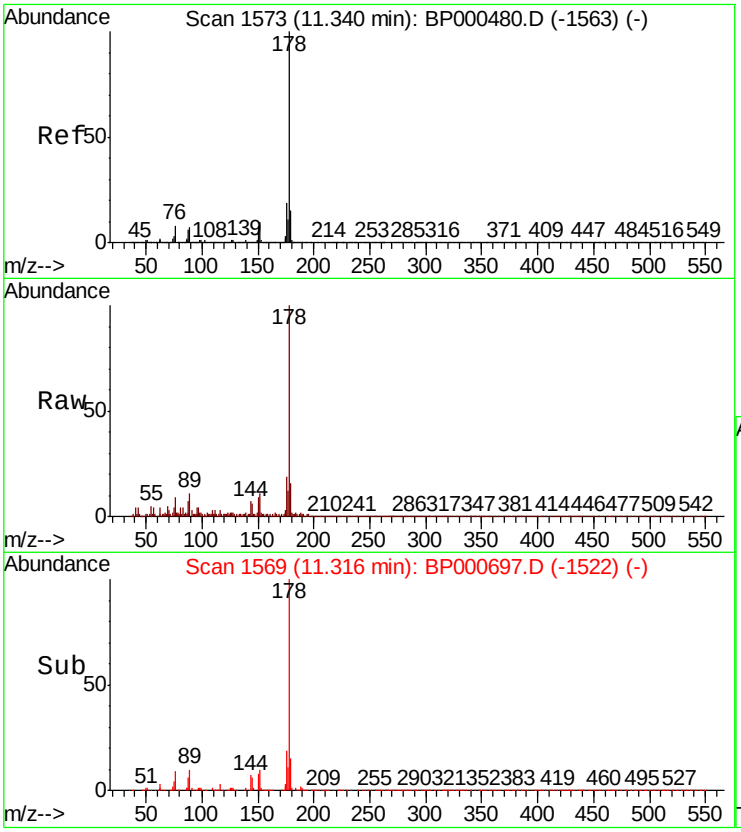


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion:188 Resp: 747689

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	10.1	8.3	12.5



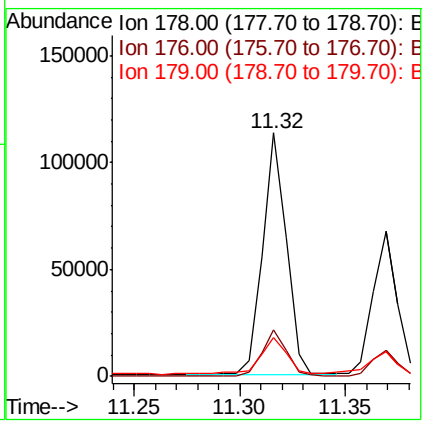


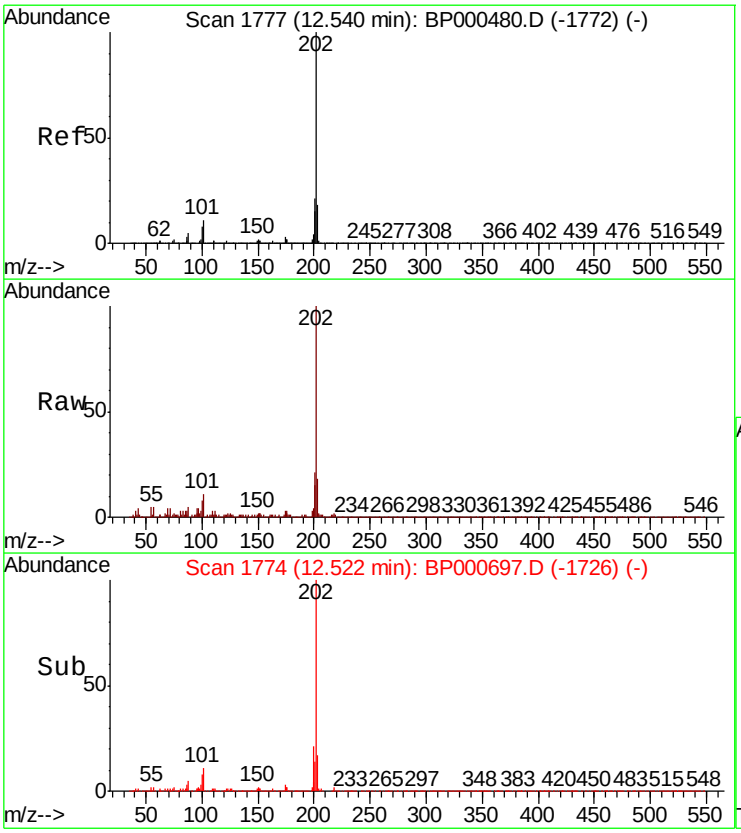
#71
Phenanthrene
Concen: 2.375 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 89185

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	16.2	12.2	18.4

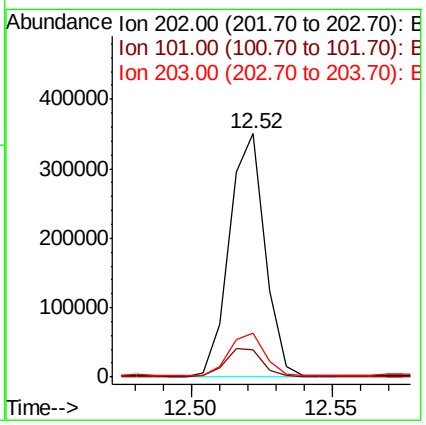


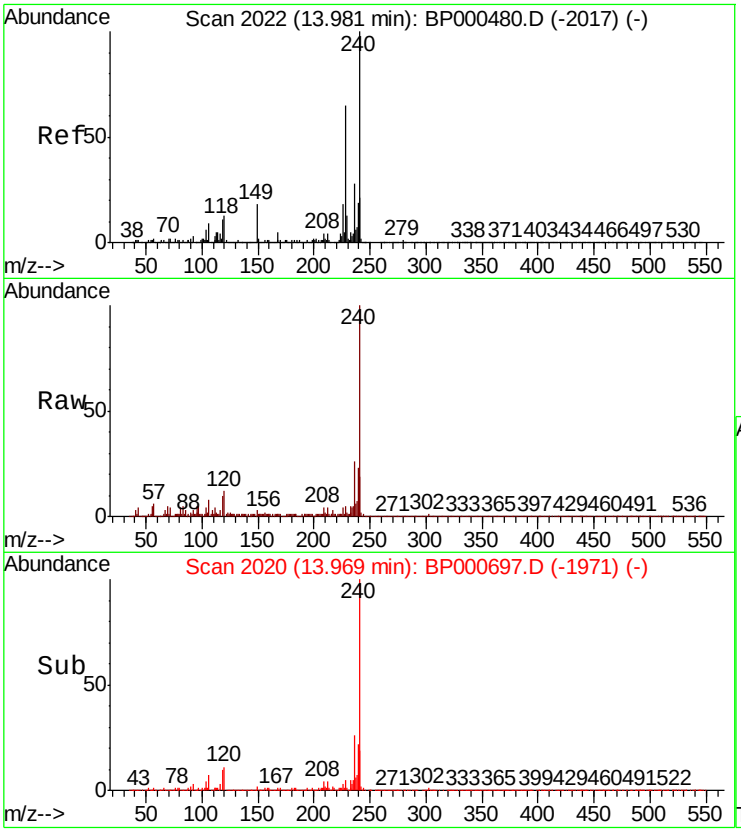


#75
Fluoranthene
Concen: 7.240 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion:202 Resp: 305334

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.3
203	17.9	0.0	38.1



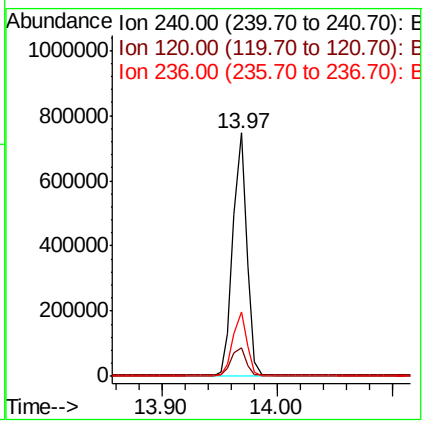


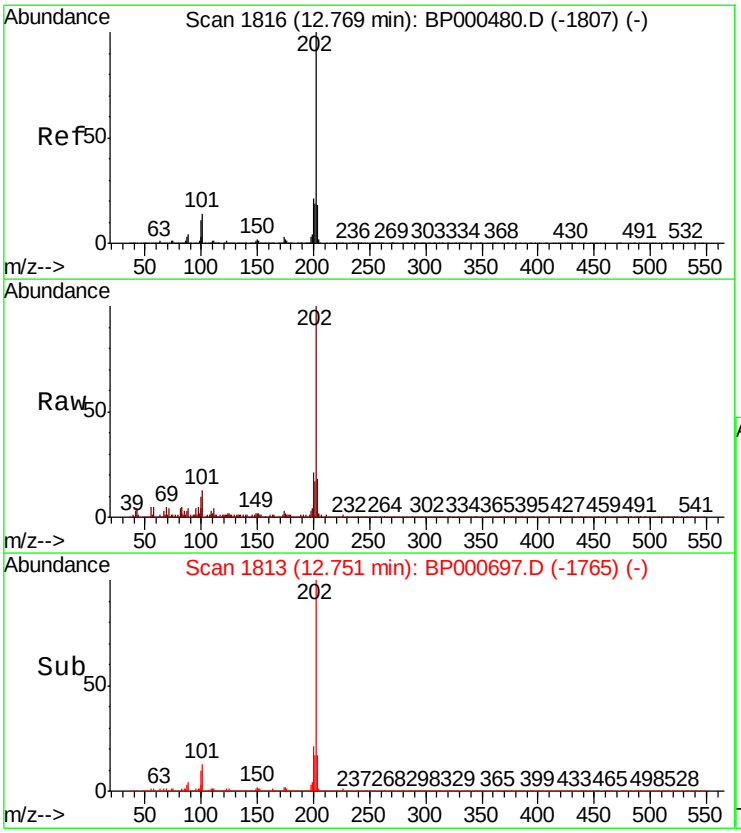
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 629950

Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.1	15.1
236	26.2	22.7	34.1

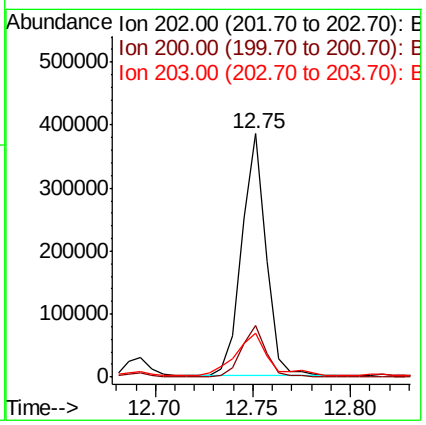


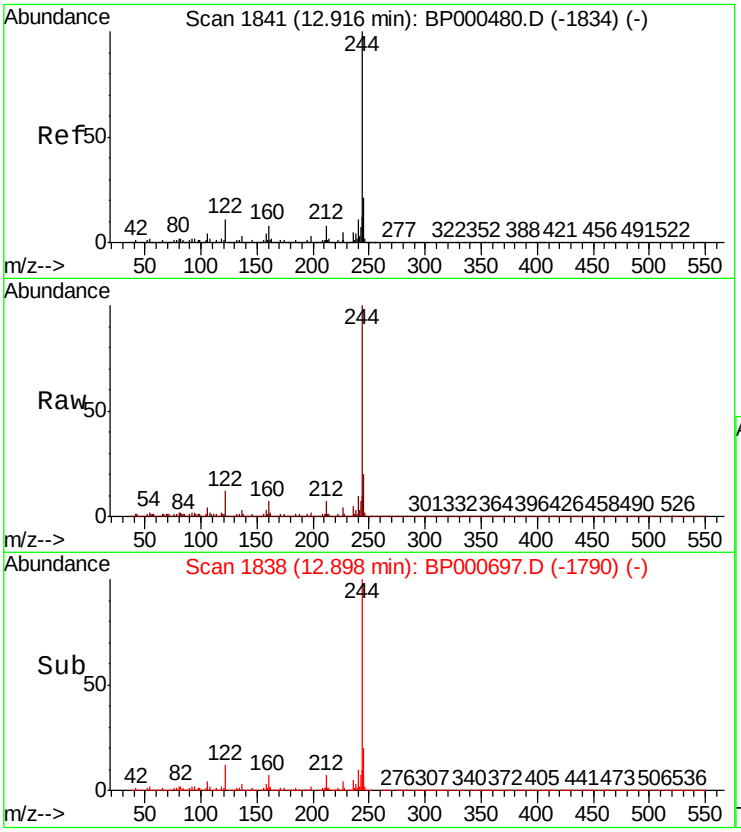


#78
Pyrene
Concen: 7.633 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion:202 Resp: 331619

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	18.0	14.6	21.8



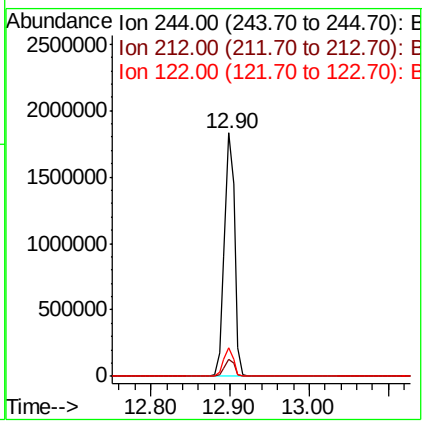


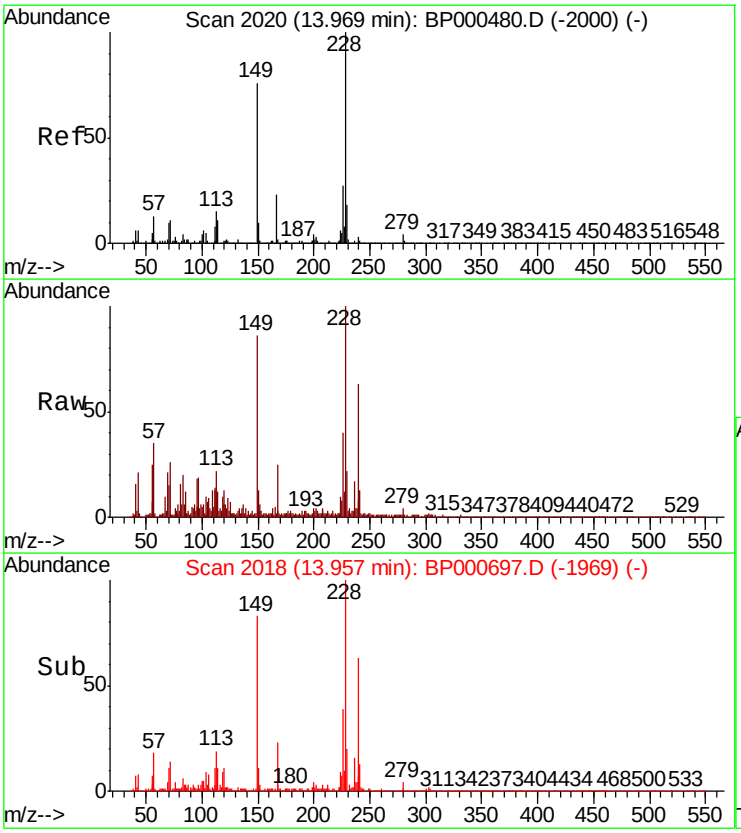
#79
Terphenyl-d14
Concen: 52.360 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 1629073

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.6	8.9	13.3

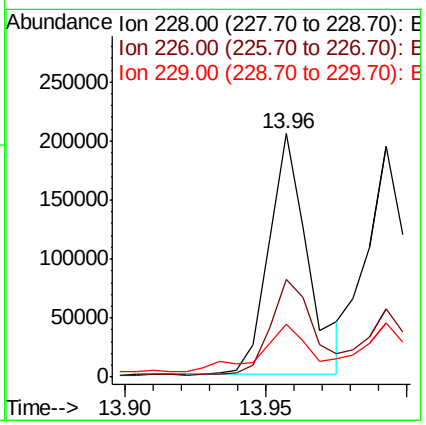


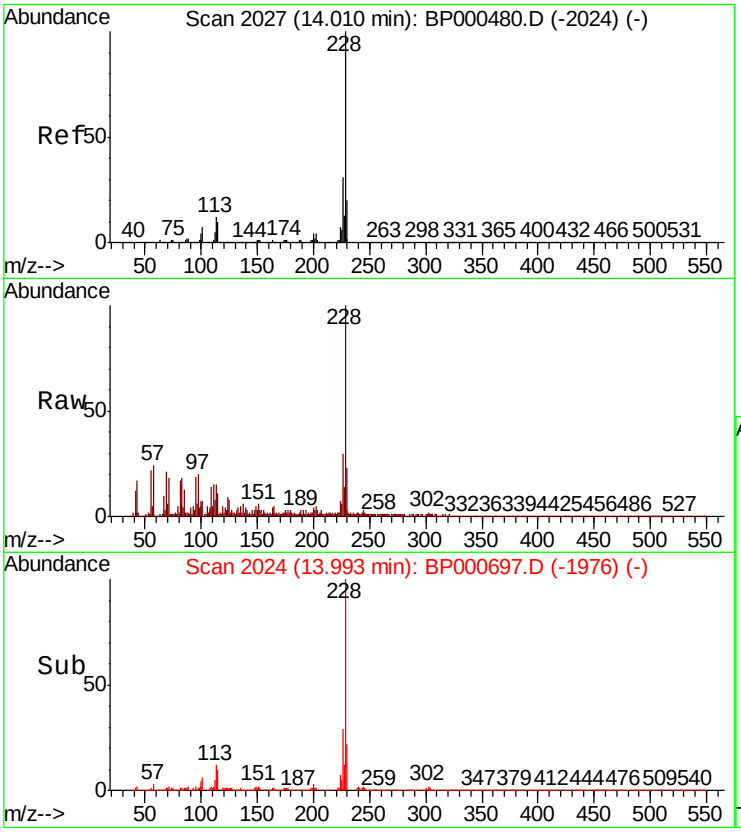


#81
Benzo(a)anthracene
Concen: 5.097 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion:228 Resp: 195894

Ion	Ratio	Lower	Upper
228	100		
226	40.1	21.4	32.2#
229	22.0	14.7	22.1



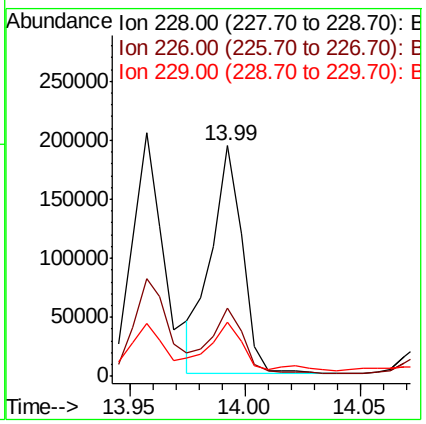


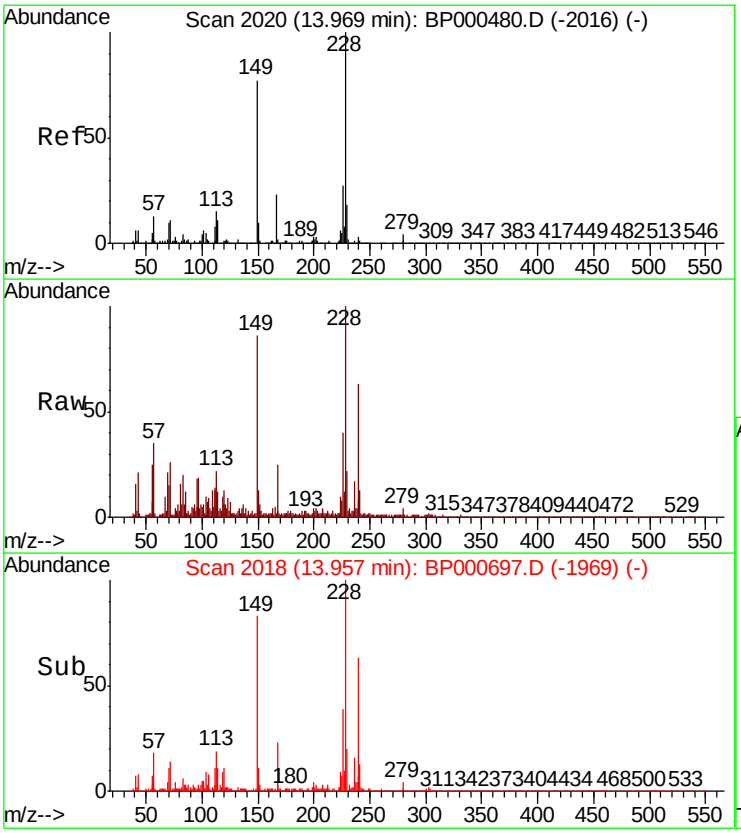
#83
Chrysene
Concen: 4.811 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 181494

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.7	37.1
229	23.5	16.3	24.5

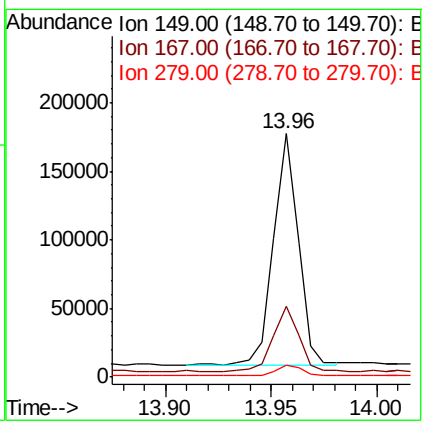


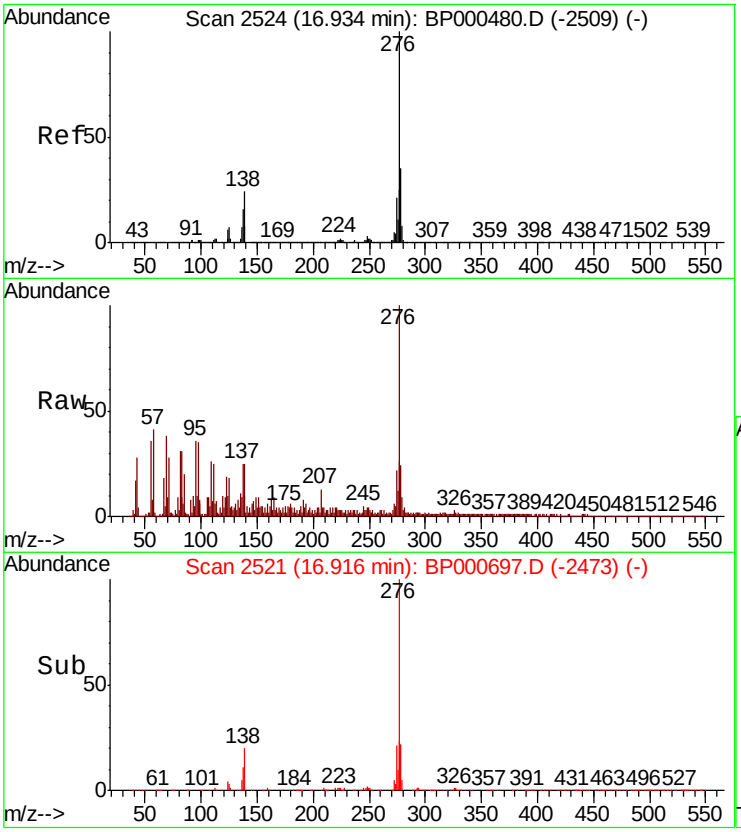


#84
Bis(2-ethylhexyl)phthalate
Concen: 5.821 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion:149 Resp: 138594

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.6	35.4
279	4.8	3.9	5.9



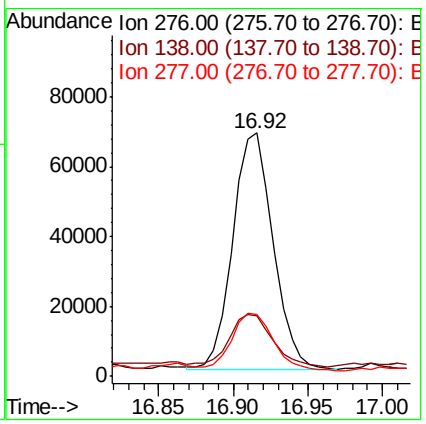


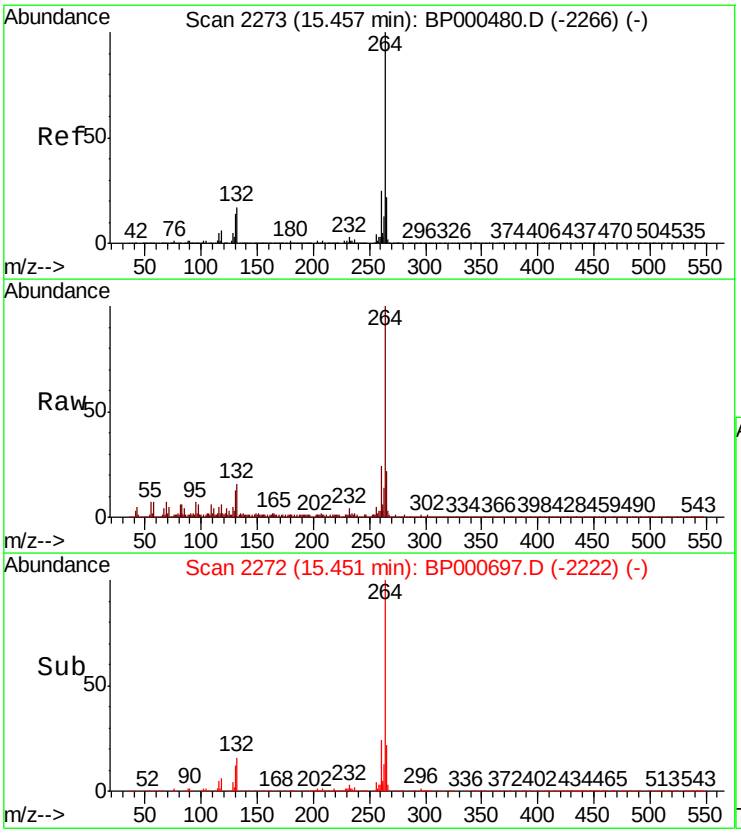
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.677 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 126163

Ion	Ratio	Lower	Upper
276	100		
138	24.2	20.9	31.3
277	24.9	20.6	30.8

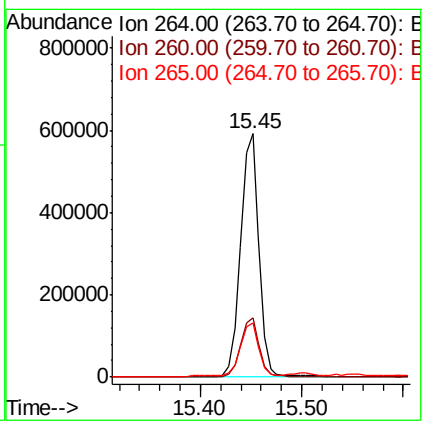


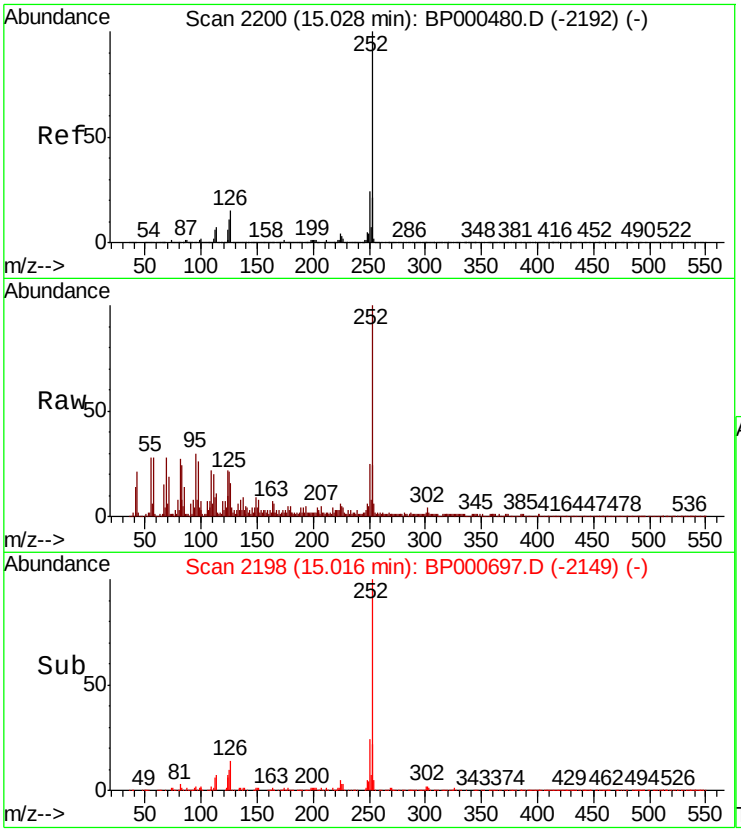


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion:264 Resp: 736881

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.3	30.5
265	22.0	18.0	27.0



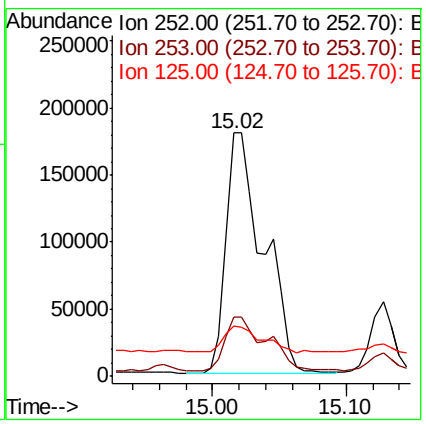


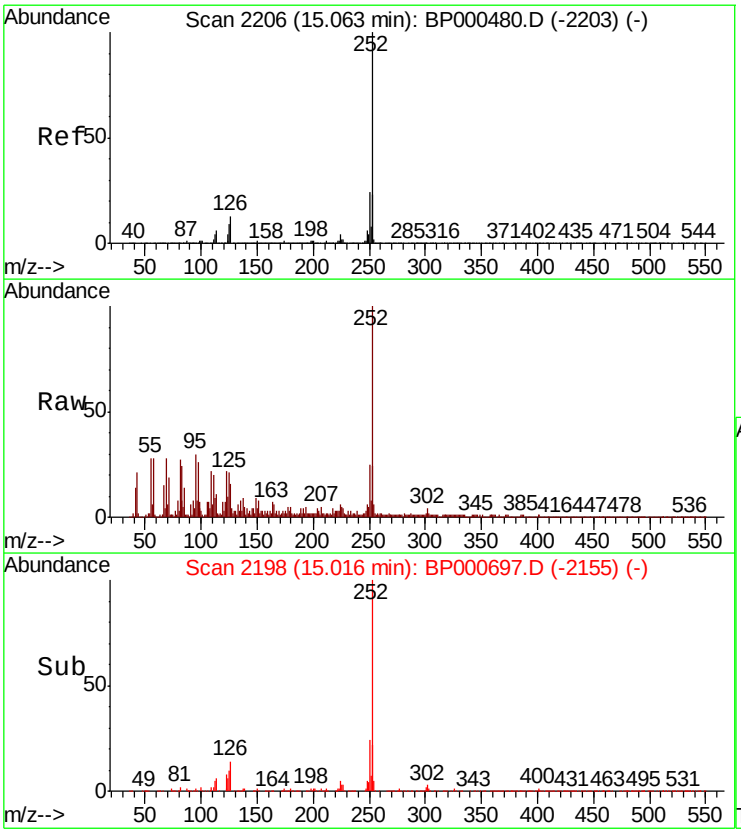
#88
Benzo(b)fluoranthene
Concen: 8.441 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 352857

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.4
125	20.7	8.9	13.3#

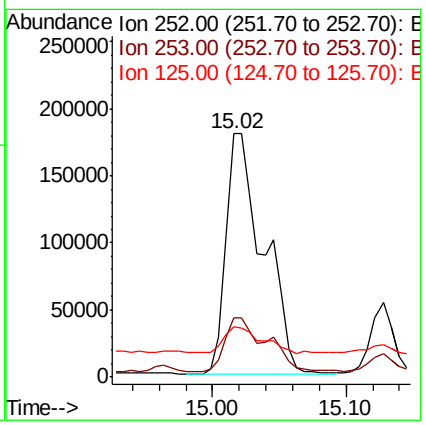


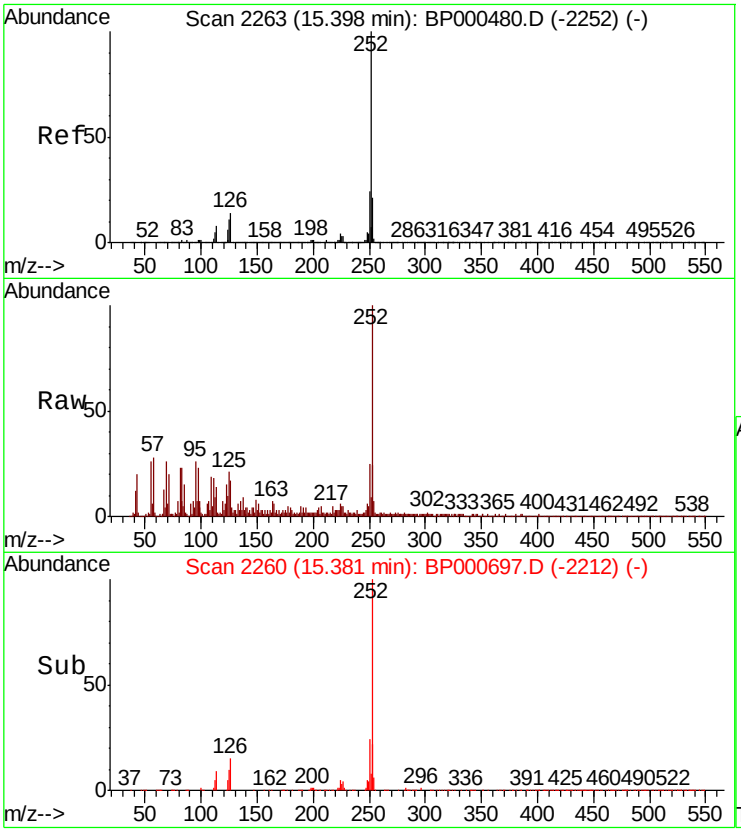


#89
Benzo(k)fluoranthene
Concen: 8.866 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.05 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion:252 Resp: 352857

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.4	27.6
125	20.7	7.8	11.8#



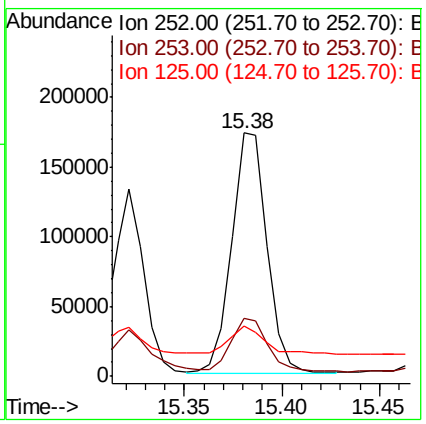


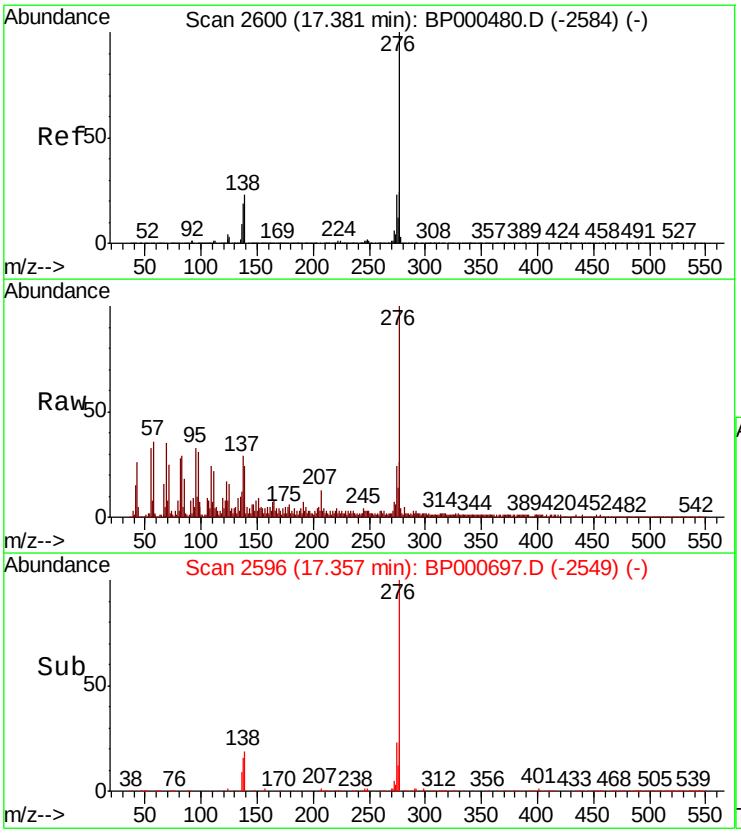
#90
Benzo(a)pyrene
Concen: 5.536 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 215753

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	20.6	8.4	12.6#





#92
Benzo(g,h,i)perylene
Concen: 3.399 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.02 min
Lab File: BP000697.D
Acq: 13 Oct 2019 03:16

Tgt Ion:276 Resp: 130529

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.4	29.2
138	24.2	18.5	27.7