Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000693.D
Acq On : 13 Oct 2019 01:38
Operator : JU
Sample : K5348-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Oct 14 04:41:06 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	217067	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	781356	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	422536	20.00	ng		-0.02
64) Phenanthrene-d10	11.29	188	772134	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	660951	20.00	ng		-0.01
87) Perylene-d12	15.45	264	753880	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	264335	19.57	ng		-0.02
7) Phenol-d6	6.39	99	1136459	69.84	ng		-0.02
23) Nitrobenzene-d5	7.31	82	725286	56.69	ng		-0.02
42) 2,4,6-Tribromophenol	10.59	330	15779	3.50	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	1270758	48.66	ng		-0.02
79) Terphenyl-d14	12.90	244	1489802	45.64	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.30	77	36353	4.289	ng		96
10) Phenol	6.40	94	65470	3.930	ng		94
19) n-Nitroso-di-n-propylamine	7.31	70	89052	11.872	ng	#	73
25) Isophorone	7.31	82	724547	31.911	ng	#	61
41) Hexachlorocyclopentadiene	8.84	237	22	7.301	ng		84
50) Dimethylphthalate	9.51	163	303941	10.352	ng		99
57) 2,4-Dinitrotoluene	9.80	165	56578	6.665	ng	#	32
71) Phenanthrene	11.32	178	93582	2.413	ng		99
75) Fluoranthene	12.52	202	300848	6.908	ng		99
78) Pyrene	12.75	202	322557	7.076	ng		100
81) Benzo(a)anthracene	13.96	228	179470	4.450	ng	#	82
83) Chrysene	13.99	228	188078	4.752	ng		97
84) Bis(2-ethylhexyl)phthalate	13.96	149	125562	5.026	ng		98
86) Indeno(1,2,3-cd)pyrene	16.90	276	116524	2.357	ng		95
88) Benzo(b)fluoranthene	15.02	252	316509	7.400	ng	#	96
89) Benzo(k)fluoranthene	15.02	252	316509	7.773	ng	#	97
90) Benzo(a)pyrene	15.38	252	194423	4.876	ng	#	95
92) Benzo(g,h,i)perylene	17.35	276	120748	3.073	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000693.D
Acq On : 13 Oct 2019 01:38
Operator : JU
Sample : K5348-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Oct 14 04:41:06 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
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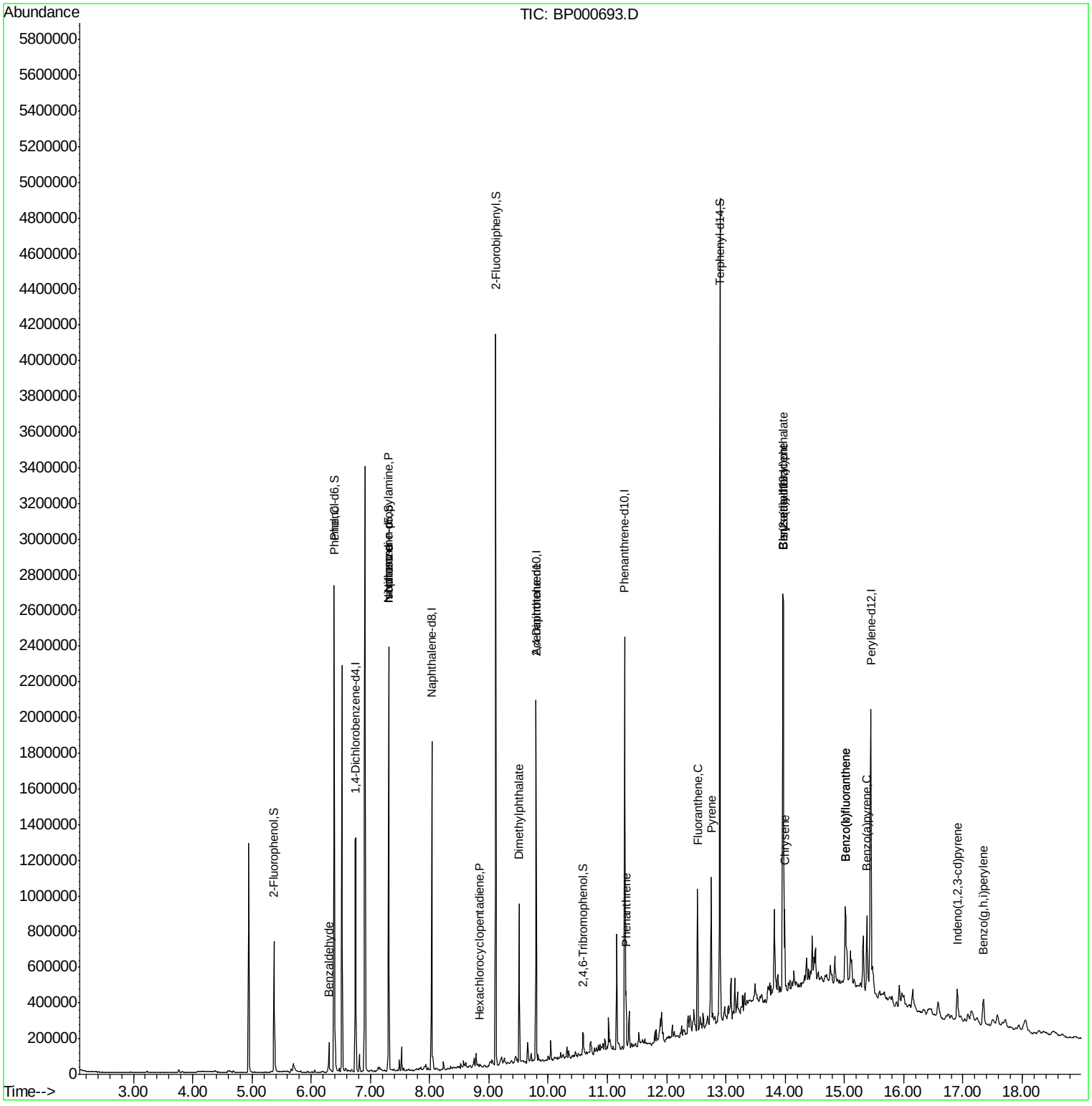
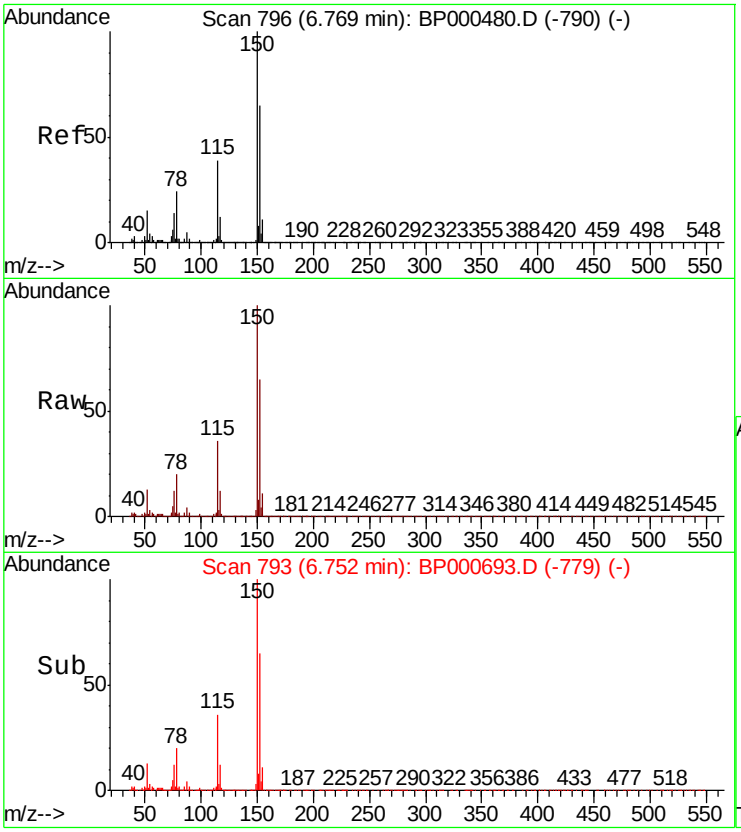


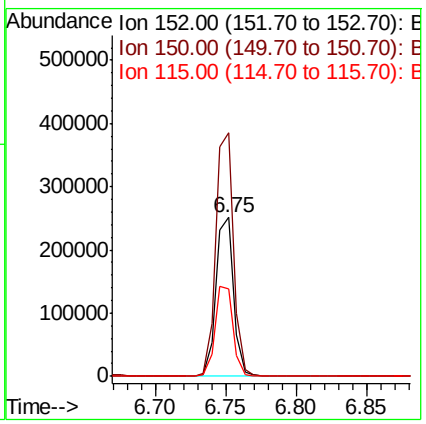


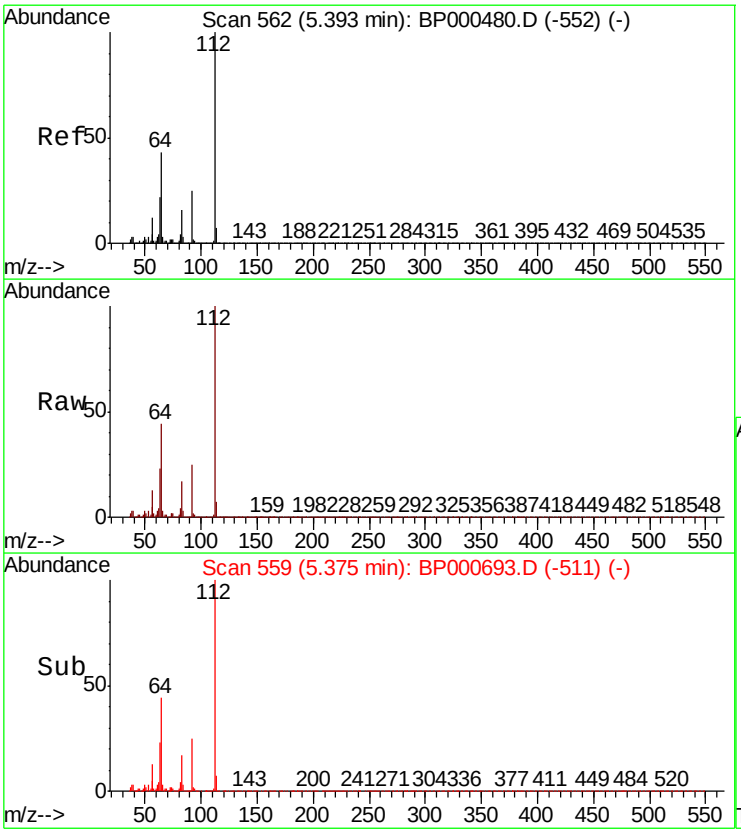
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 217067

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.1	186.1
115	55.2	48.7	73.1

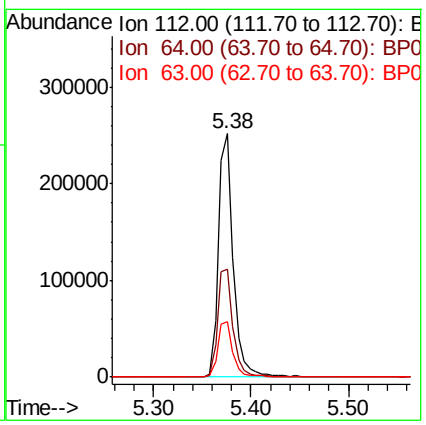


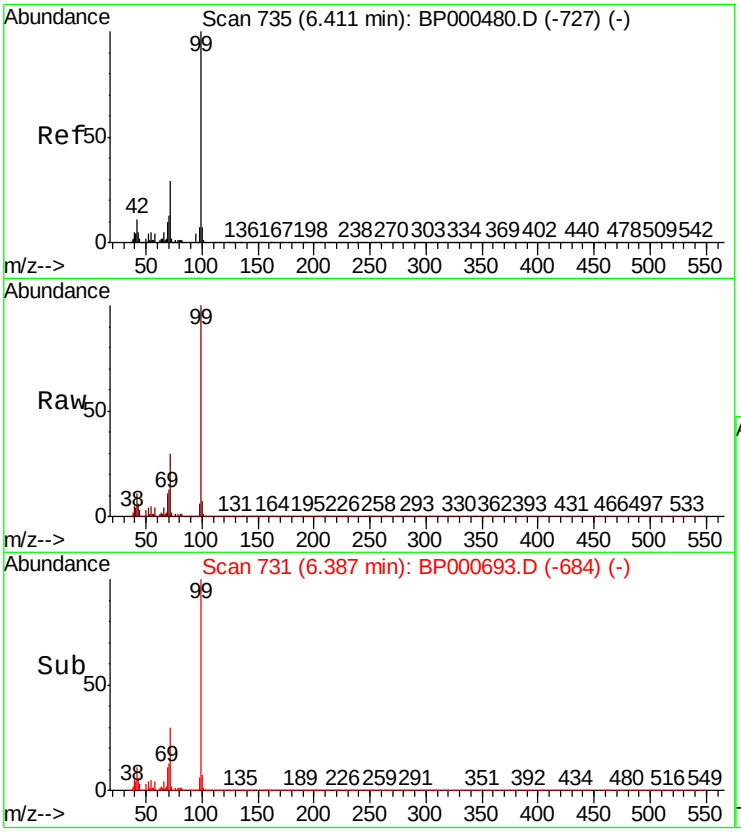


#5
2-Fluorophenol
Concen: 19.575 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion:112 Resp: 264335

Ion	Ratio	Lower	Upper
112	100		
64	44.3	34.2	51.4
63	22.6	17.9	26.9



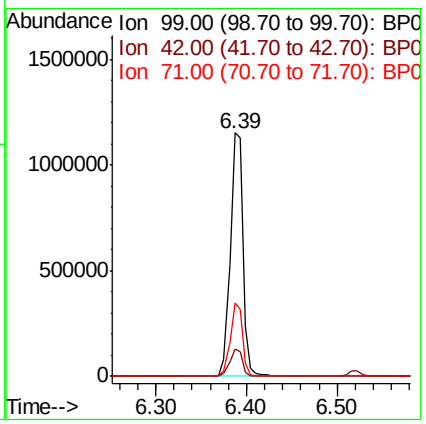


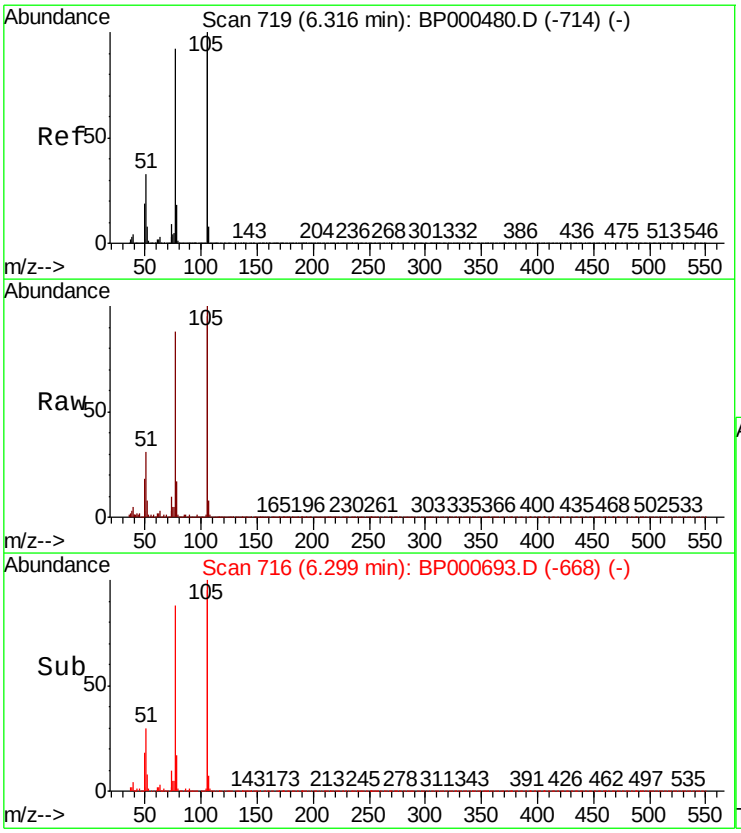
#7
Phenol-d6
Concen: 69.838 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1136459

Ion	Ratio	Lower	Upper
99	100		
42	11.5	8.6	12.8
71	29.9	23.0	34.4

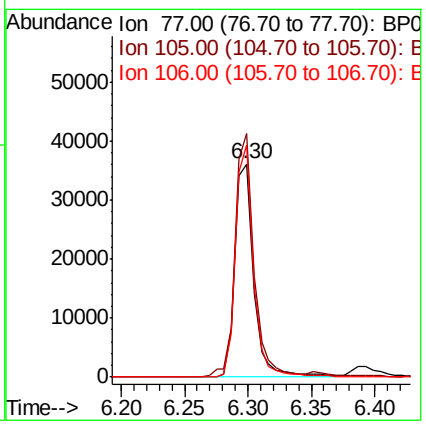


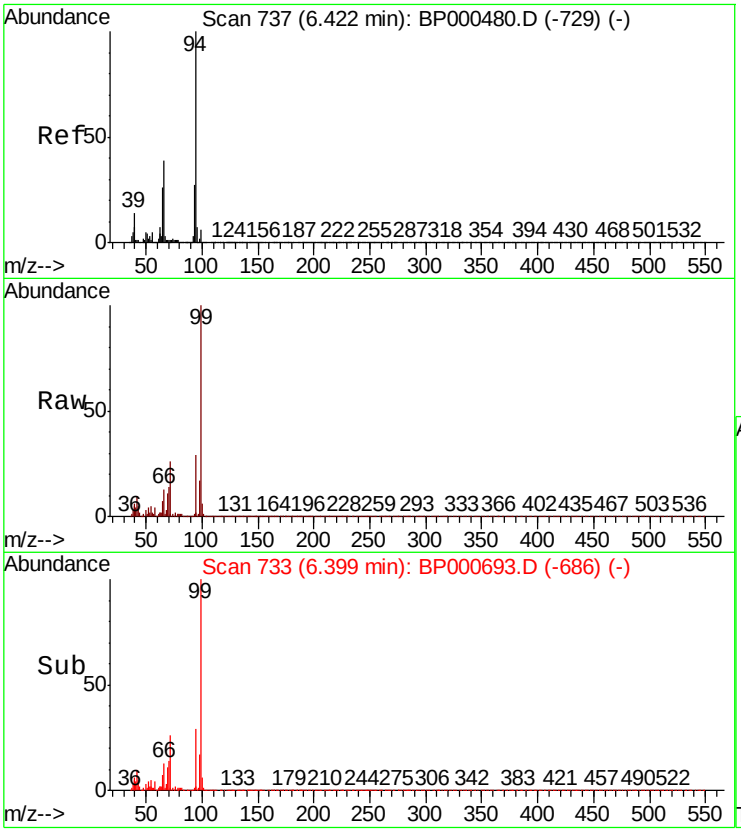


#9
Benzaldehyde
Concen: 4.289 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion: 77 Resp: 36353

Ion	Ratio	Lower	Upper
77	100		
105	114.0	88.3	128.3
106	108.6	85.7	125.7



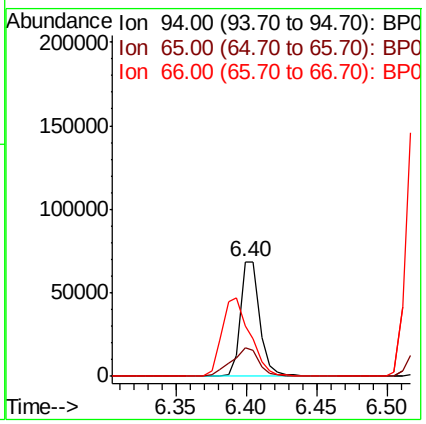


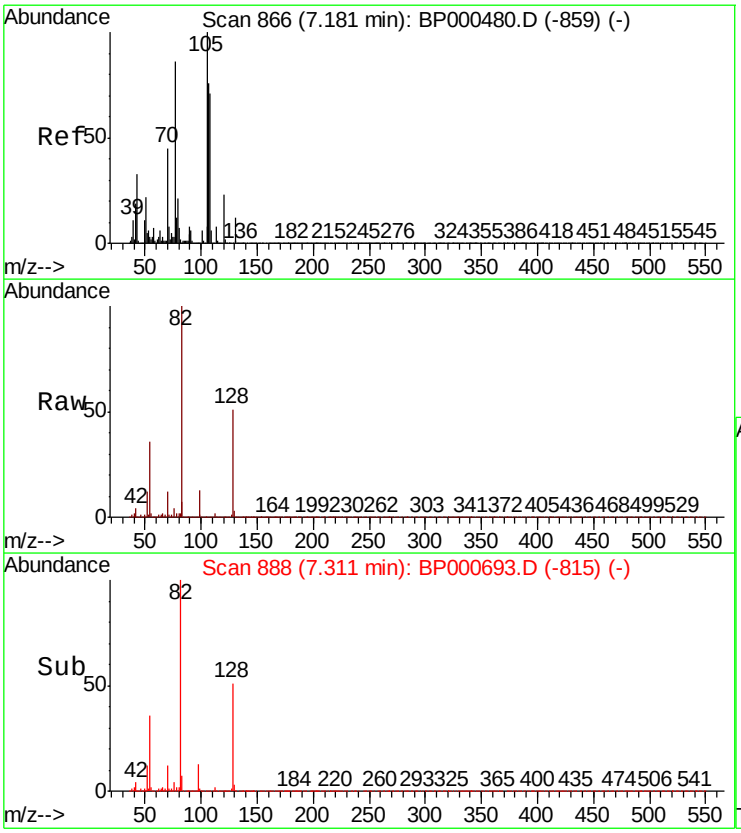
#10
Phenol
Concen: 3.930 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 65470

Ion	Ratio	Lower	Upper
94	100		
65	25.3	5.9	45.9
66	44.1	18.8	58.8

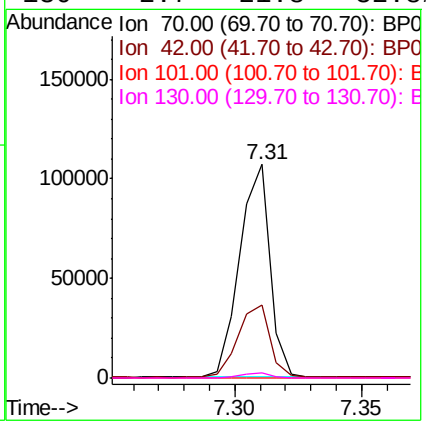


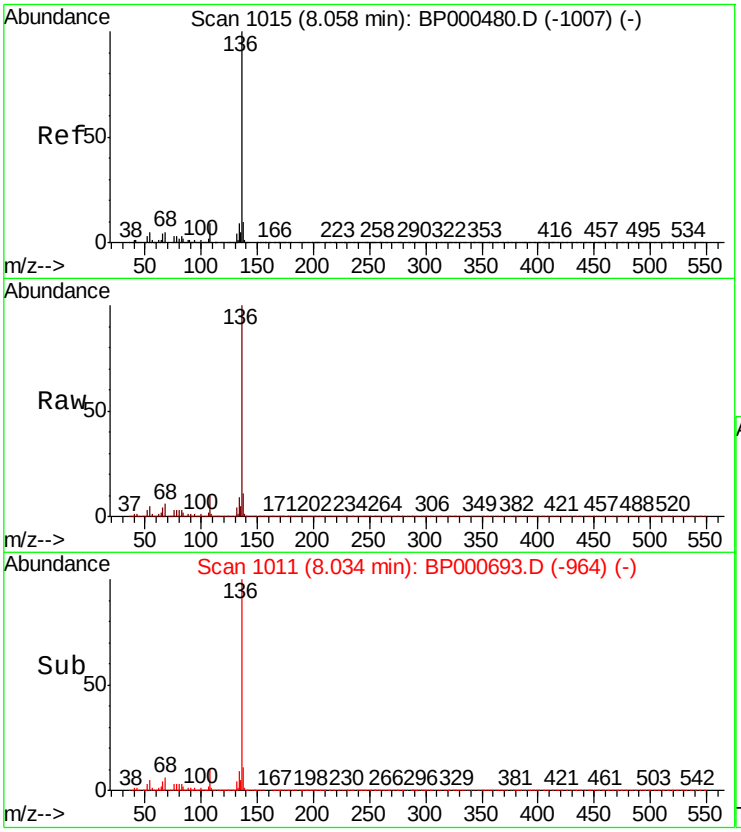


#19
n-Nitroso-di-n-propylamine
Concen: 11.872 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion: 70 Resp: 89052

Ion	Ratio	Lower	Upper
70	100		
42	33.9	33.2	49.8
101	0.1	9.9	14.9#
130	2.7	21.8	32.8#



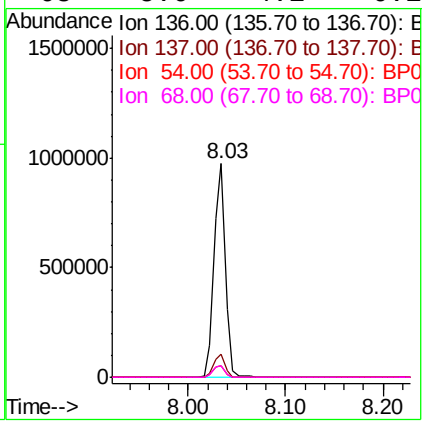


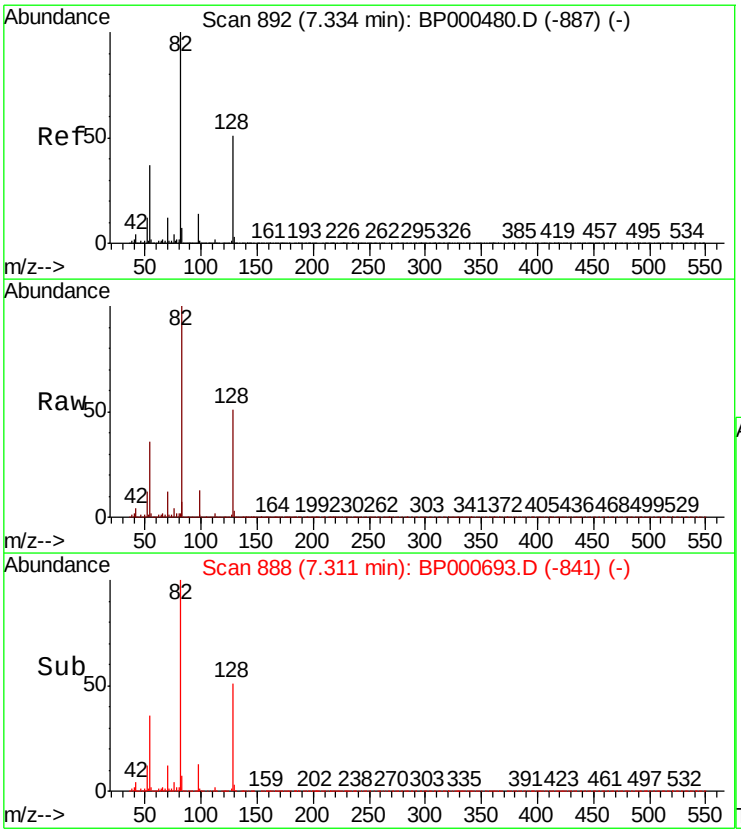
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 781356

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	5.3	4.1	6.1
68	5.6	4.1	6.1

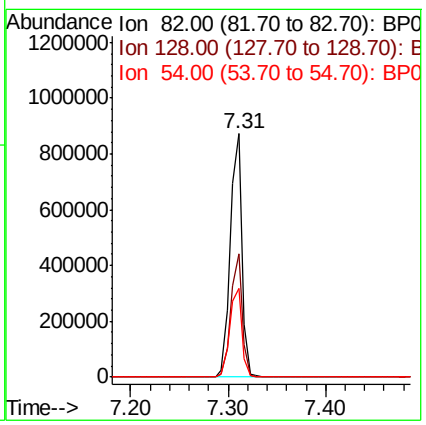


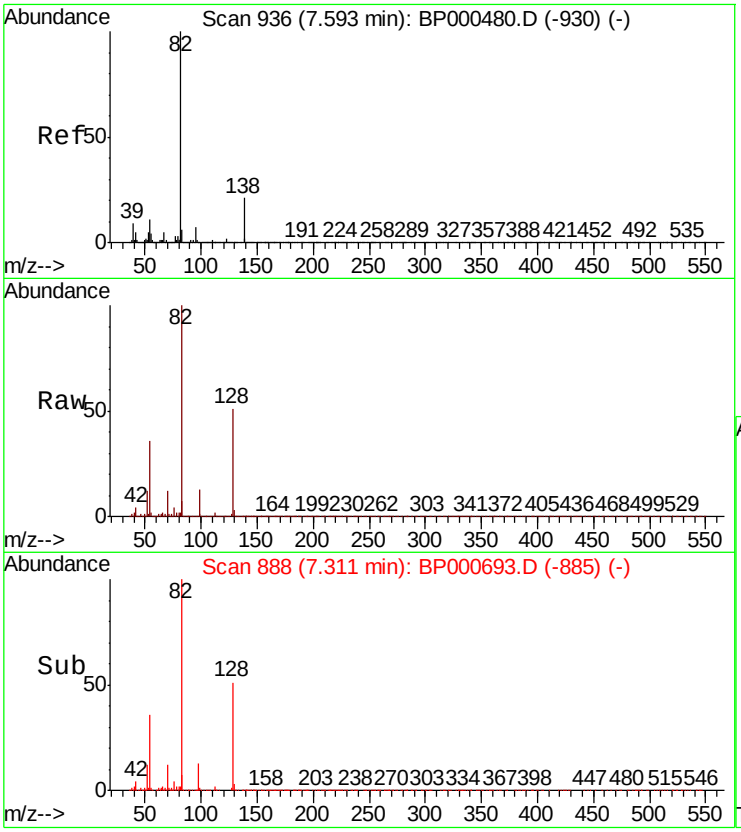


#23
Nitrobenzene-d5
Concen: 56.693 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion: 82 Resp: 725286

Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.9	61.3
54	36.4	29.4	44.2



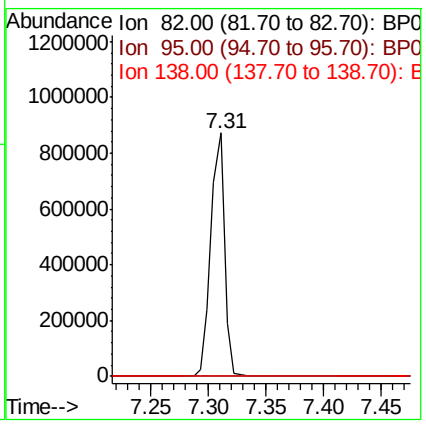


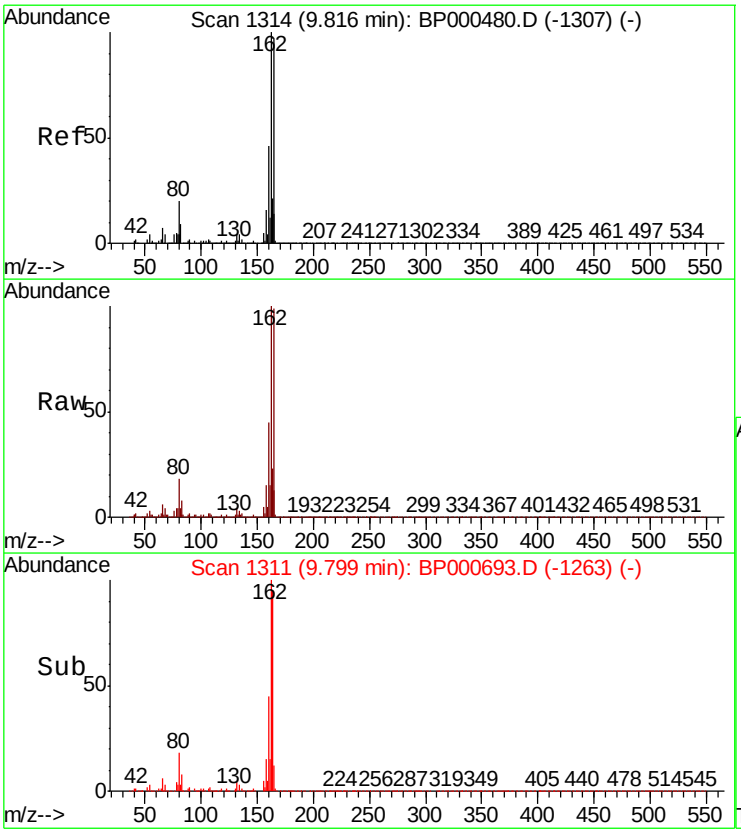
#25
Isophorone
Concen: 31.911 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 724547

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

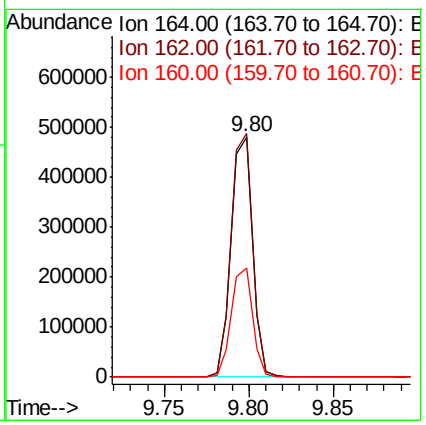


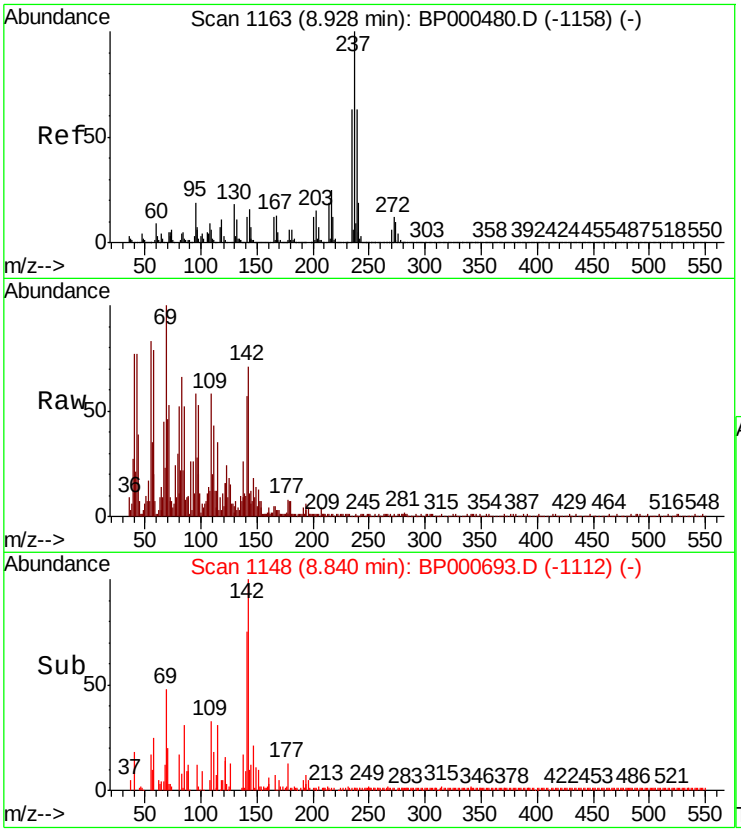


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion:164 Resp: 422536

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.2	123.2
160	45.3	37.6	56.4



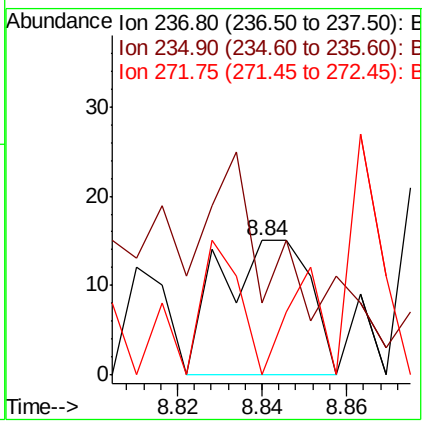


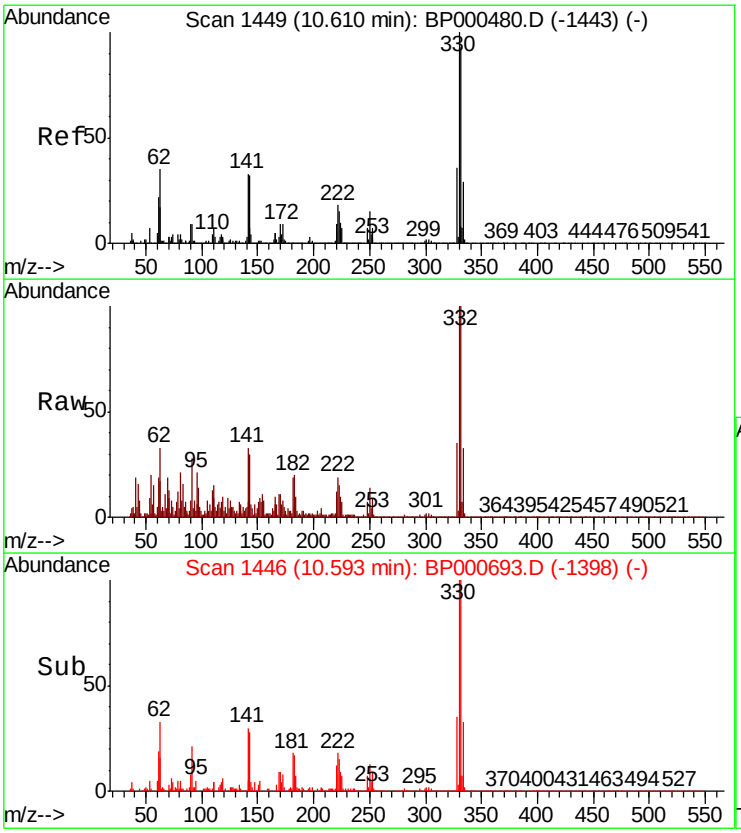
#41
Hexachlorocyclopentadiene
Concen: 7.301 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.09 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:237 Resp: 22

Ion	Ratio	Lower	Upper
237	100		
235	53.3	42.9	82.9
272	0.0	0.0	32.4

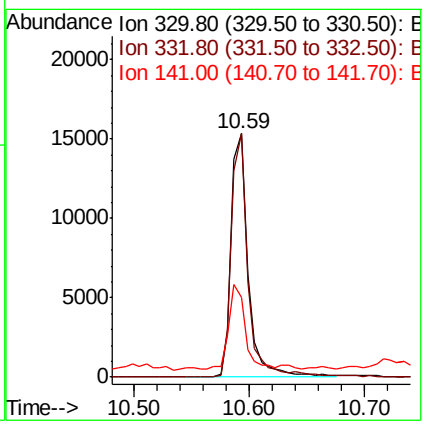


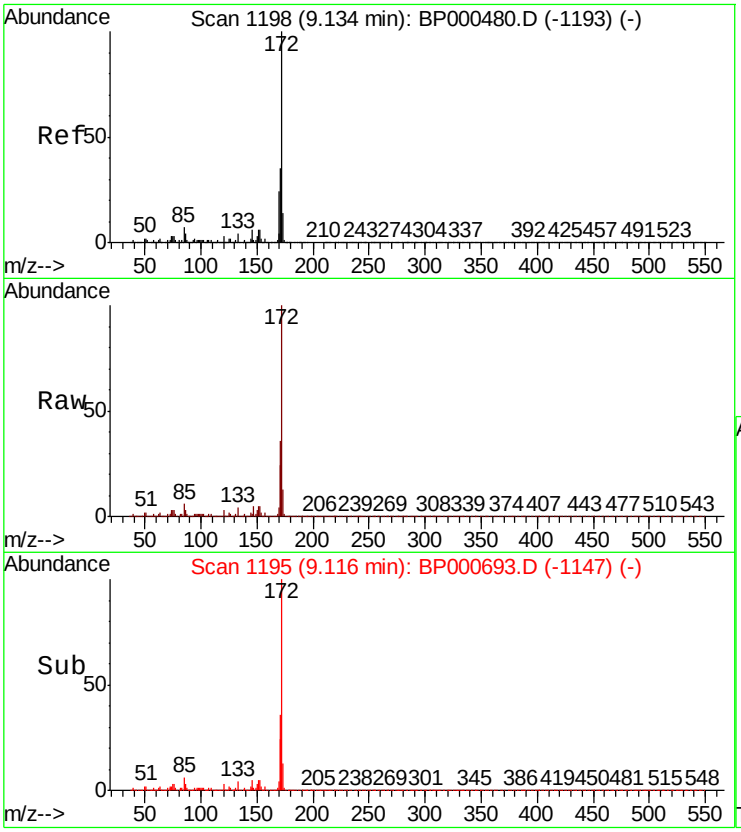


#42
2,4,6-Tribromophenol
Concen: 3.504 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion:330 Resp: 15779

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.1	115.7
141	33.9	26.0	39.0



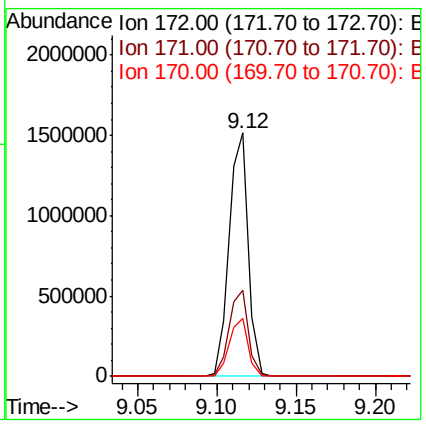


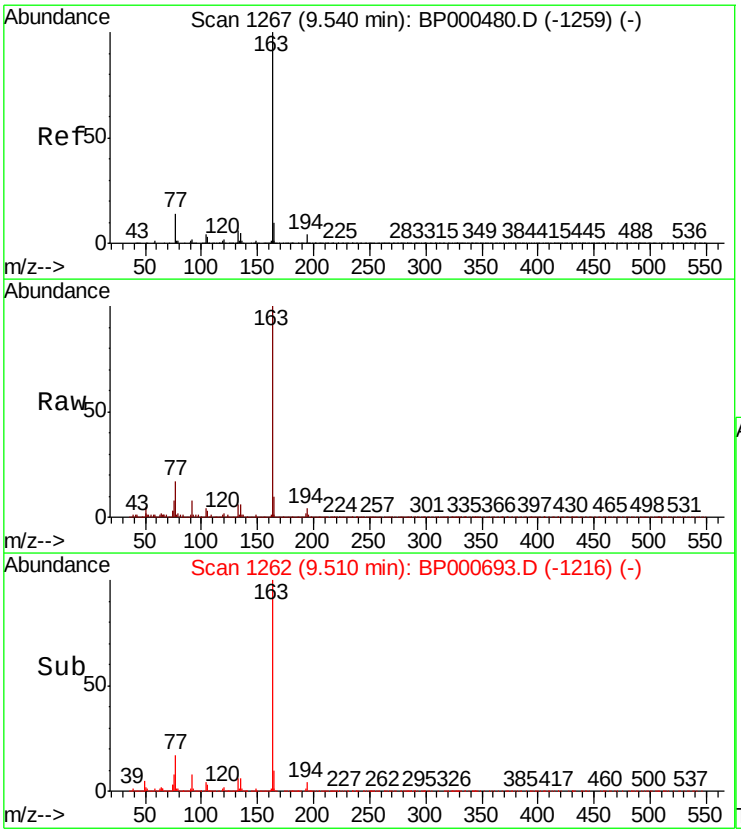
#45
2-Fluorobiphenyl
Concen: 48.660 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 1270758

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.4	42.6
170	23.8	19.1	28.7

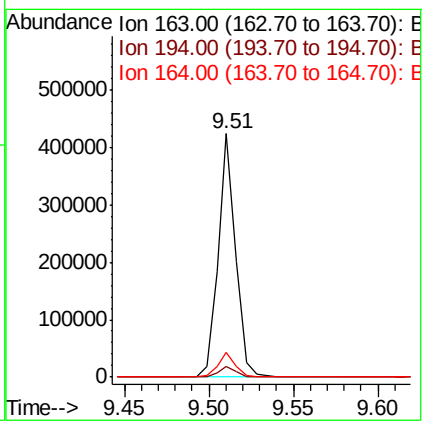


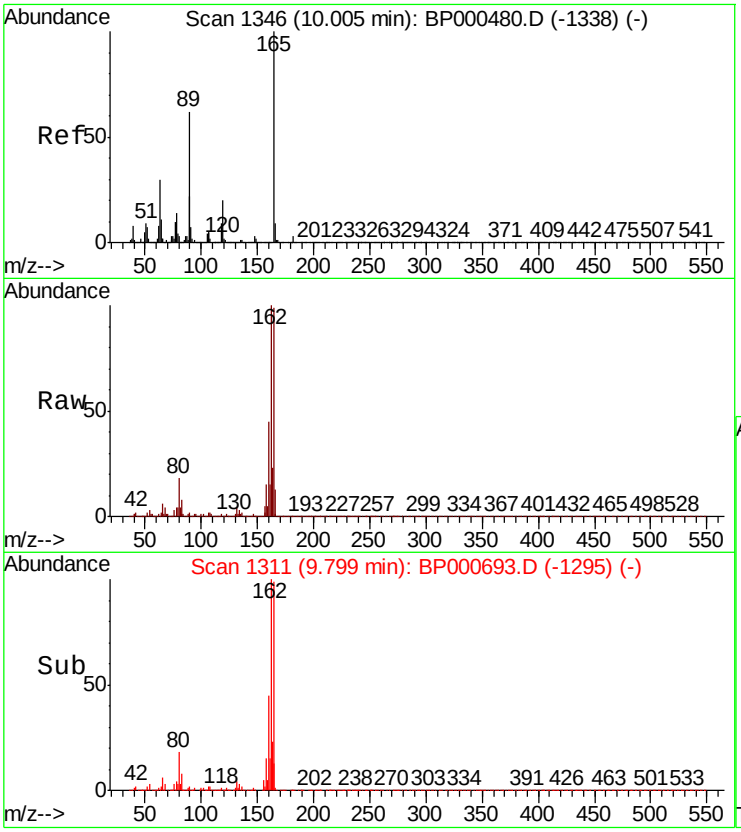


#50
Dimethylphthalate
Concen: 10.352 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion:163 Resp: 303941

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



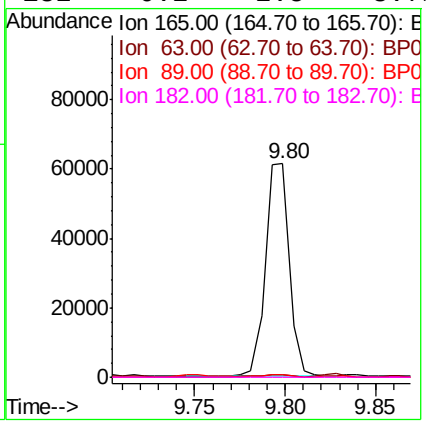


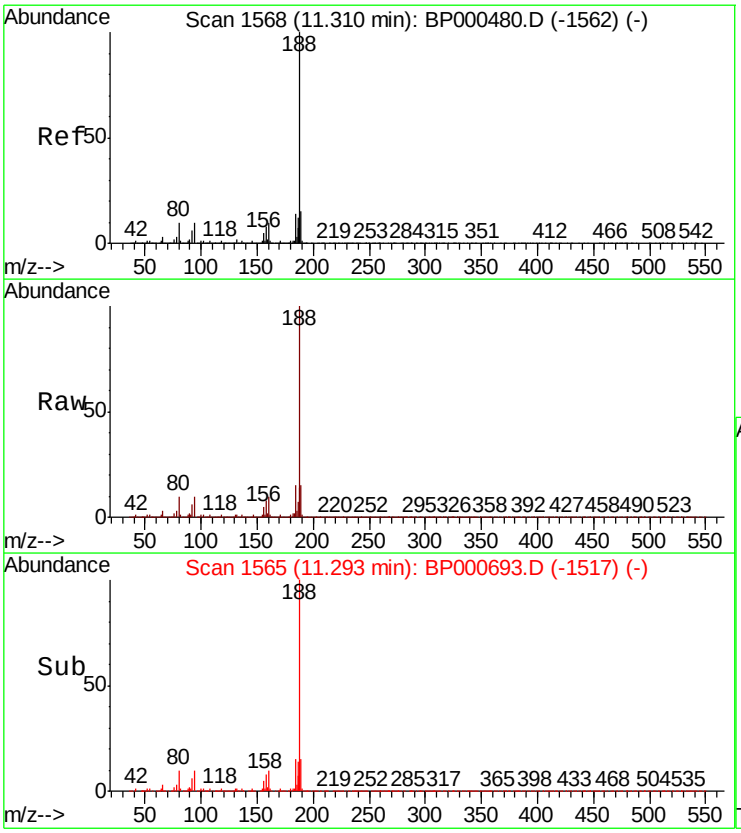
#57
2,4-Dinitrotoluene
Concen: 6.665 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 56578

Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.2	36.4#
89	1.5	49.4	74.0#
182	0.2	2.5	3.7#

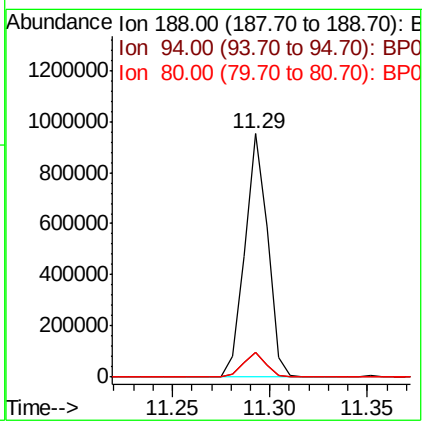


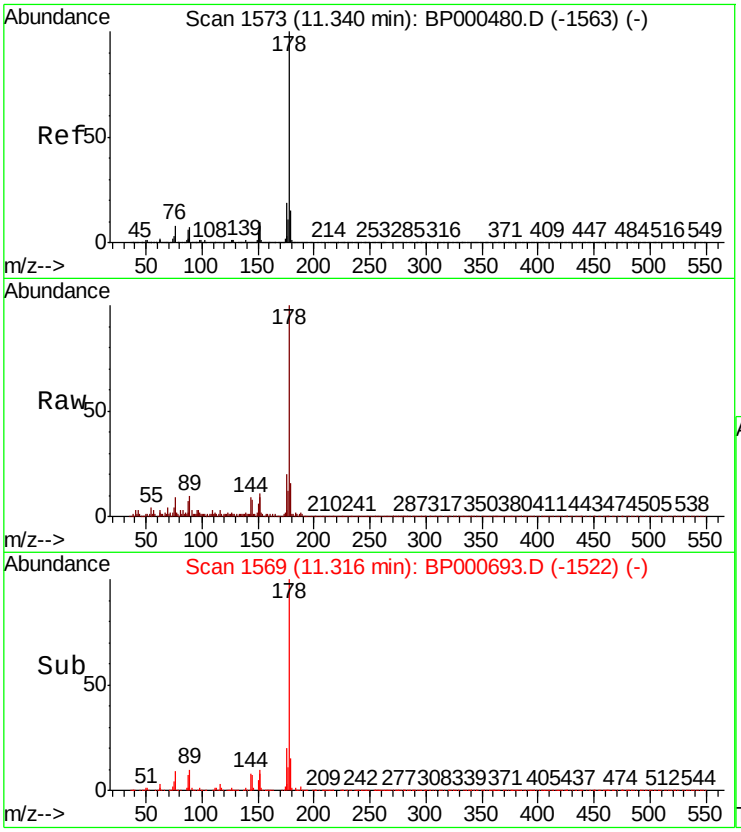


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion:188 Resp: 772134

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



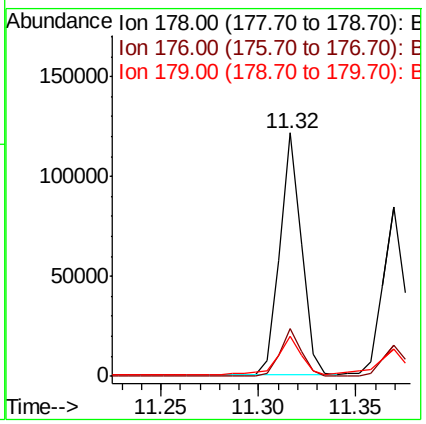


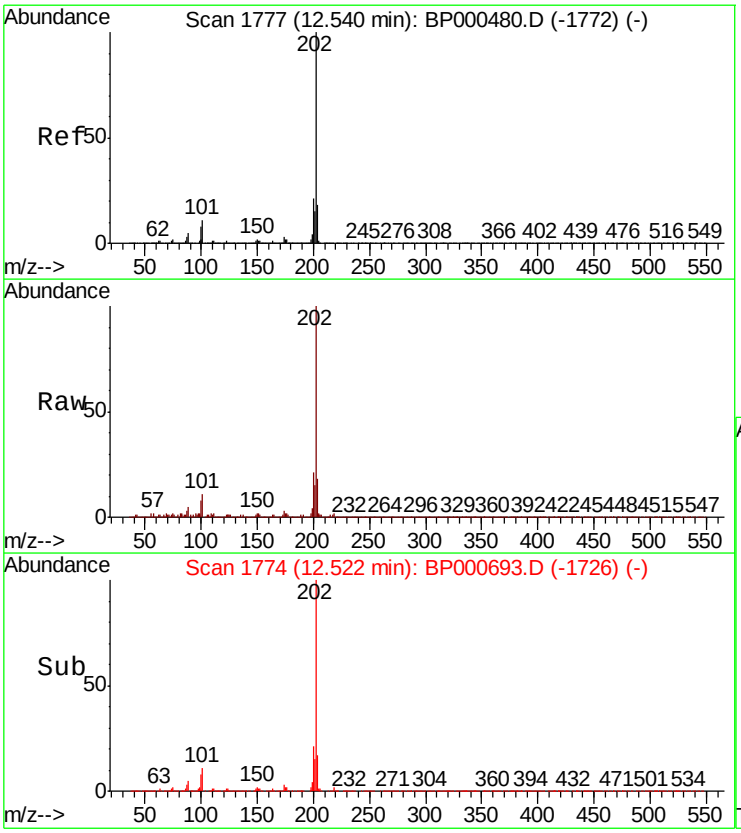
#71
Phenanthrene
Concen: 2.413 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 93582

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.2	12.2	18.4

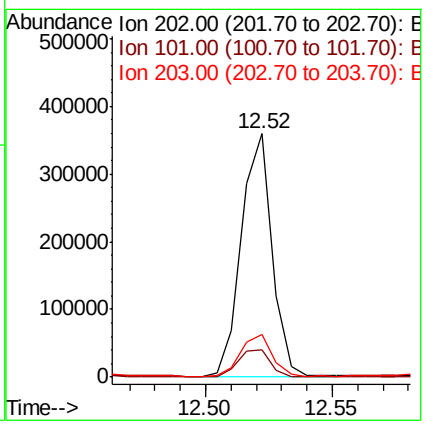


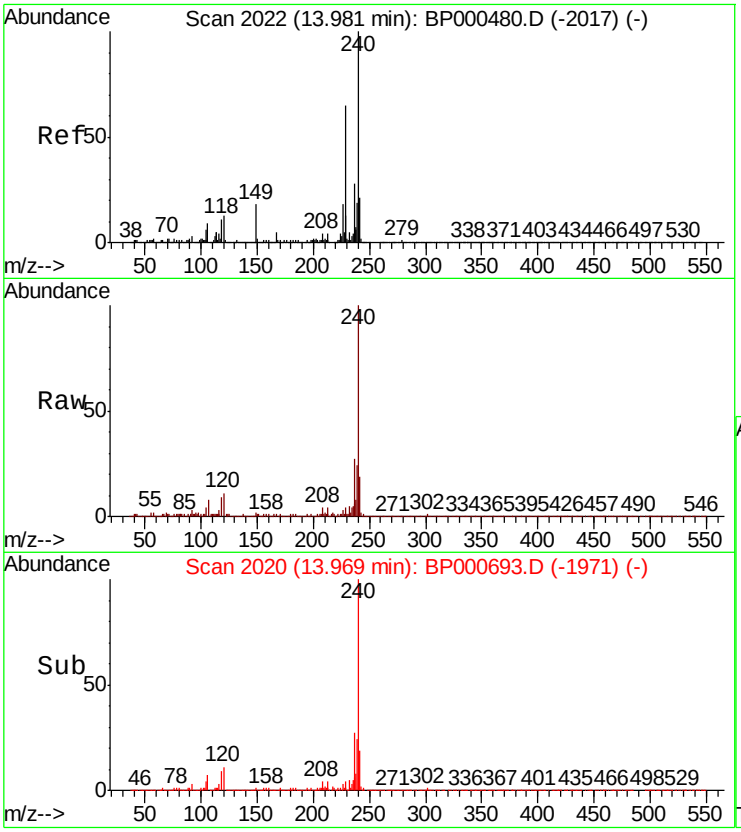


#75
Fluoranthene
Concen: 6.908 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion:202 Resp: 300848

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.3
203	17.7	0.0	38.1



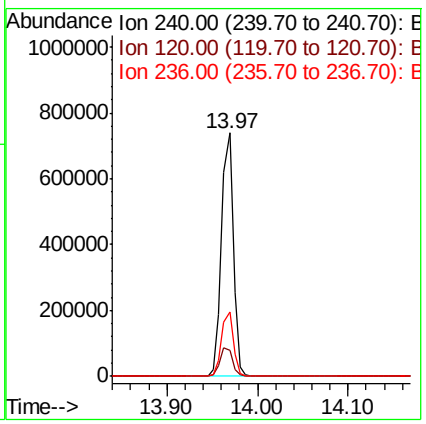


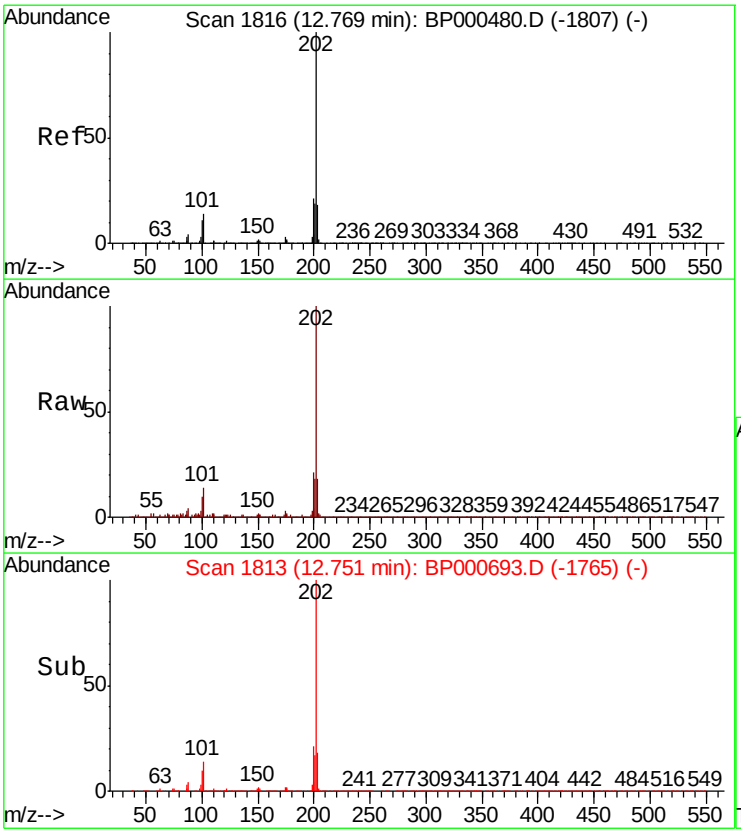
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 660951

Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.1	15.1
236	26.6	22.7	34.1

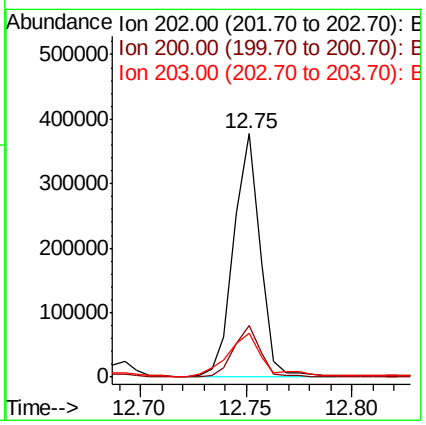


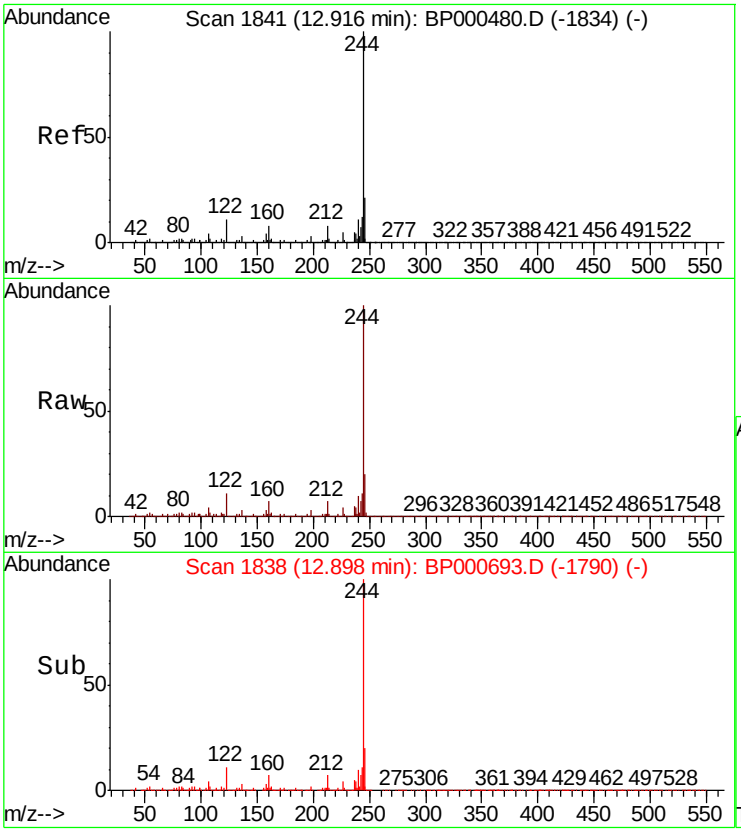


#78
Pyrene
Concen: 7.076 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion:202 Resp: 322557

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	18.2	14.6	21.8



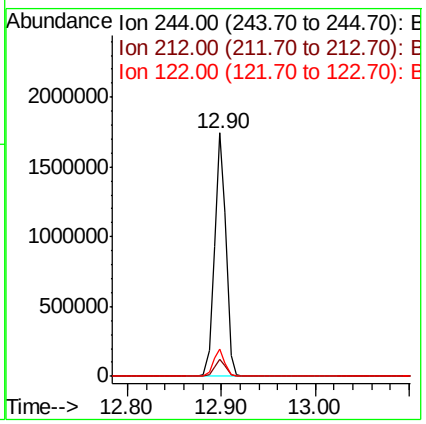


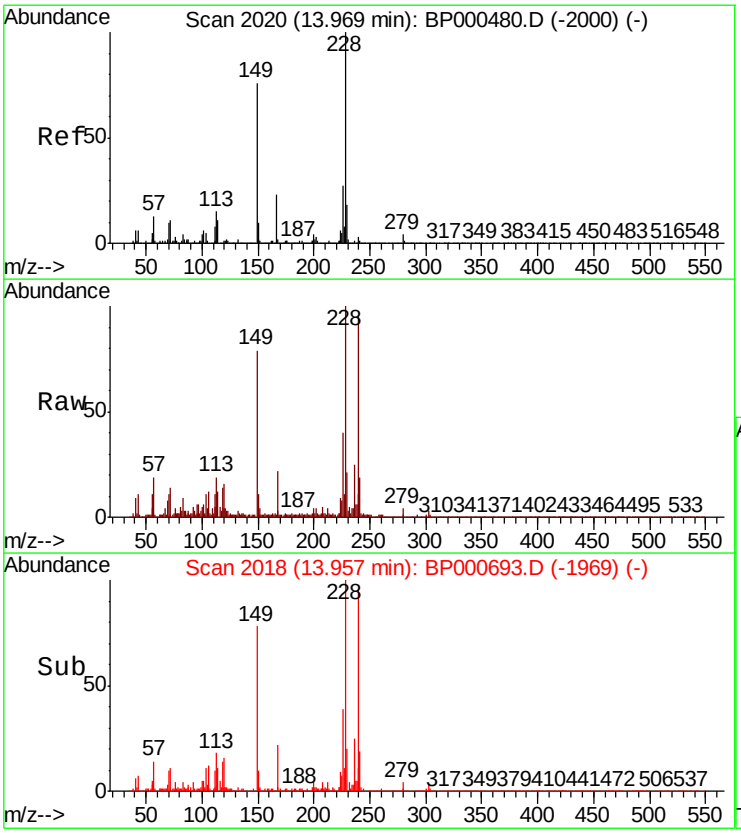
#79
Terphenyl-d14
Concen: 45.638 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 1489802

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.3	8.9	13.3

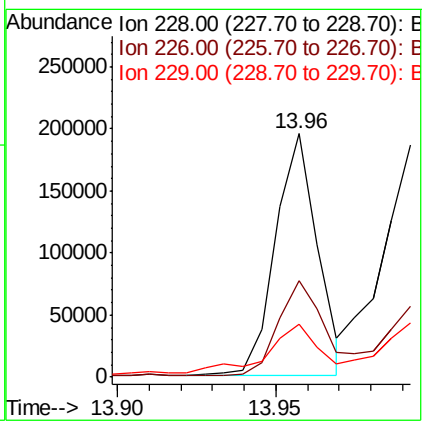


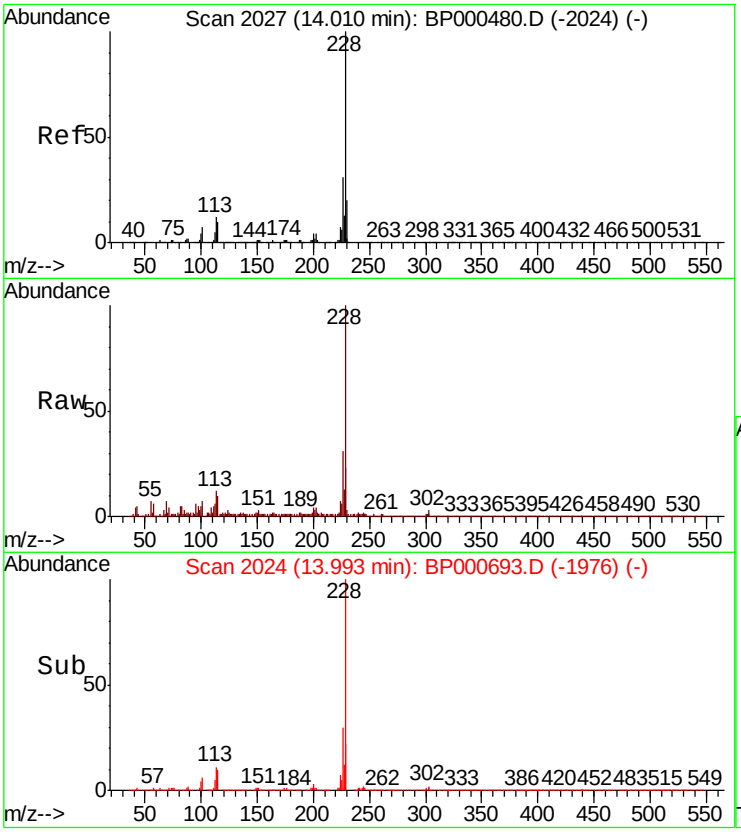


#81
Benzo(a)anthracene
Concen: 4.450 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion:228 Resp: 179470

Ion	Ratio	Lower	Upper
228	100		
226	39.9	21.4	32.2#
229	21.5	14.7	22.1



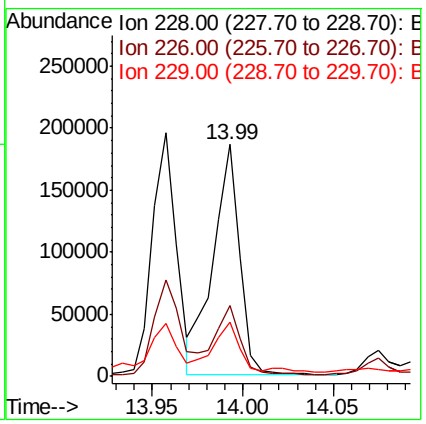


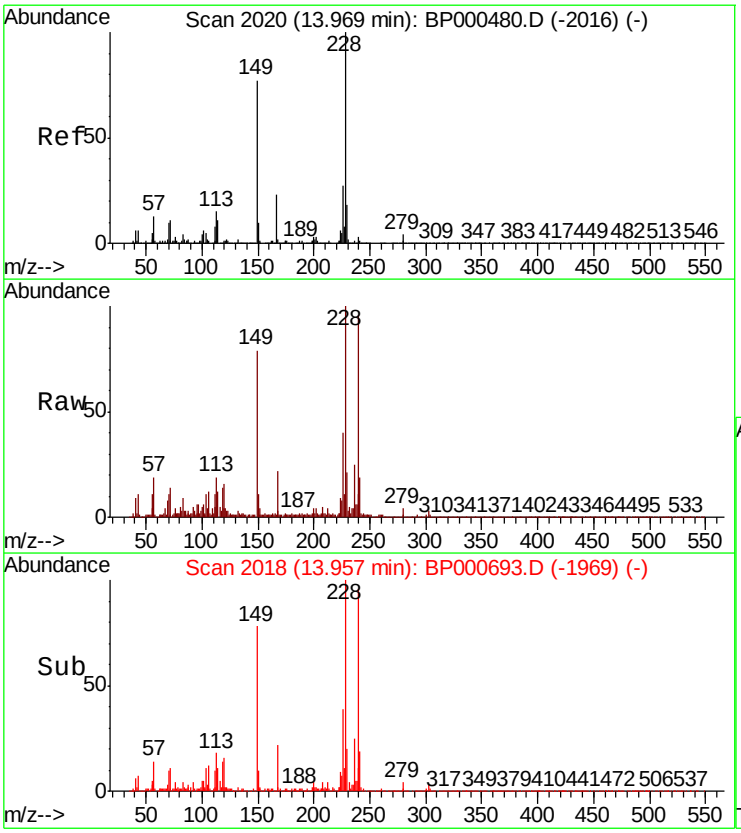
#83
Chrysene
Concen: 4.752 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 188078

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	23.1	16.3	24.5

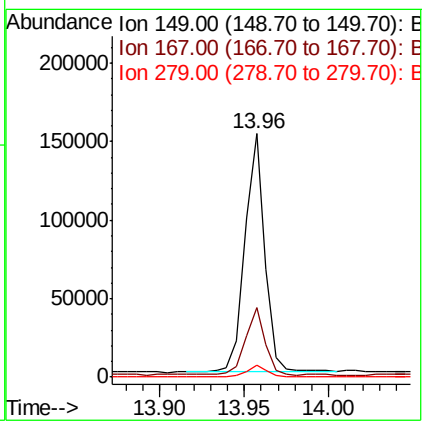


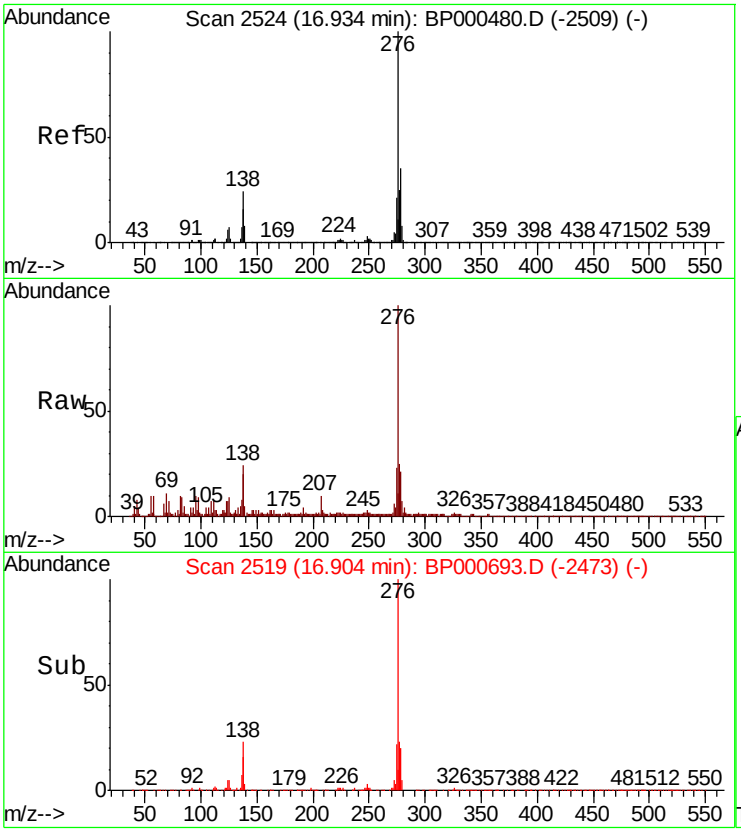


#84
Bis(2-ethylhexyl)phthalate
Concen: 5.026 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion:149 Resp: 125562

Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.6	35.4
279	5.0	3.9	5.9



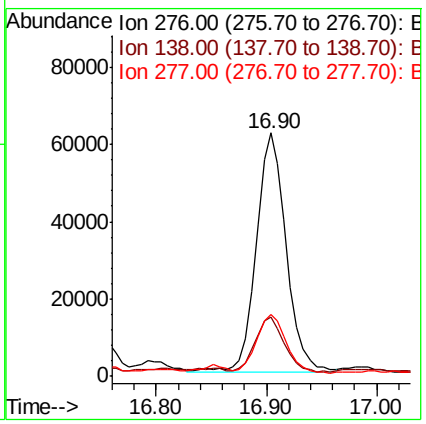


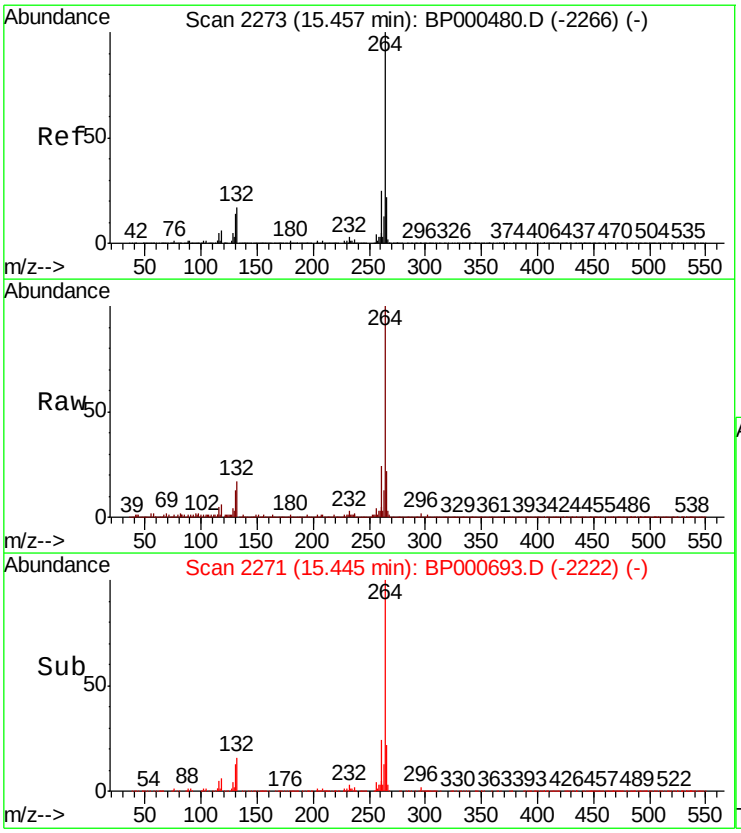
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.357 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.03 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 116524

Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.9	31.3
277	24.2	20.6	30.8

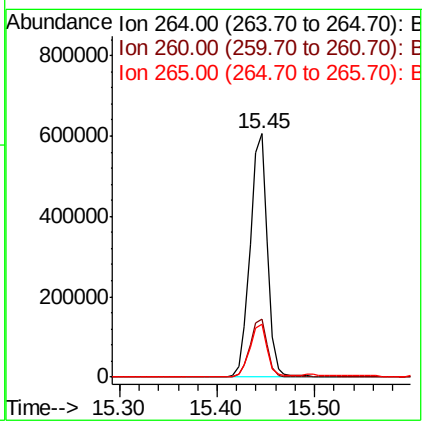


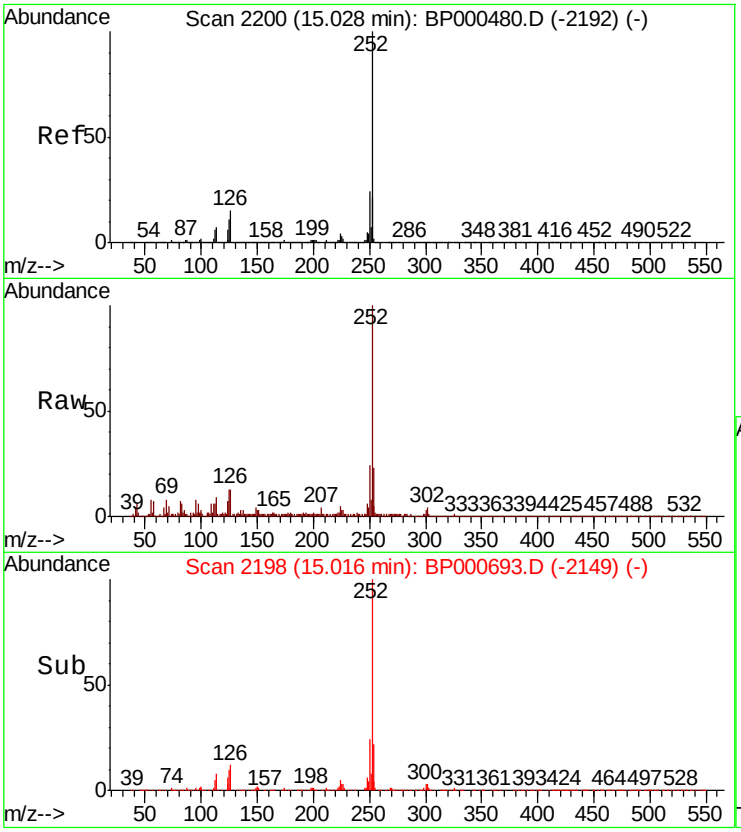


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion:264 Resp: 753880

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.3	30.5
265	21.8	18.0	27.0



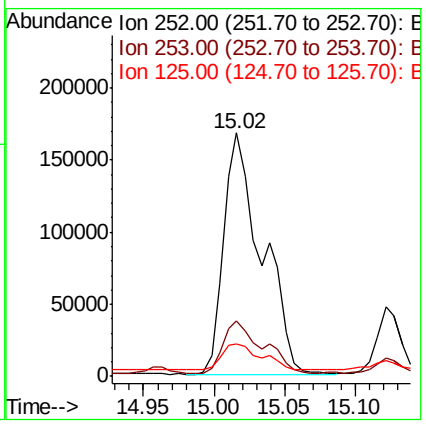


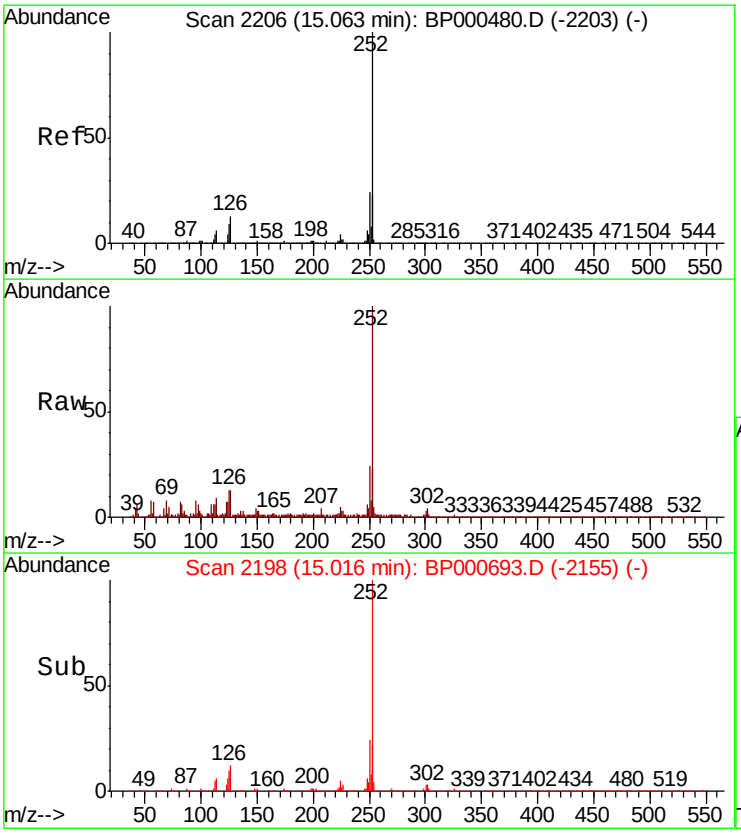
#88
Benzo(b)fluoranthene
Concen: 7.400 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 316509

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	13.4	8.9	13.3#

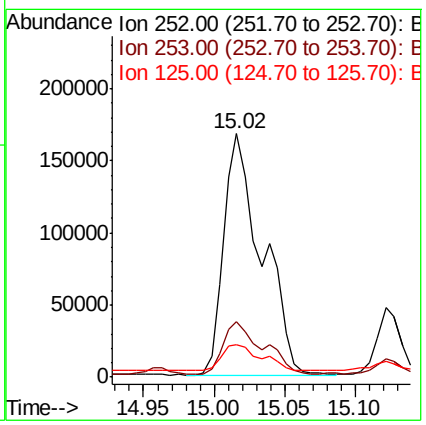


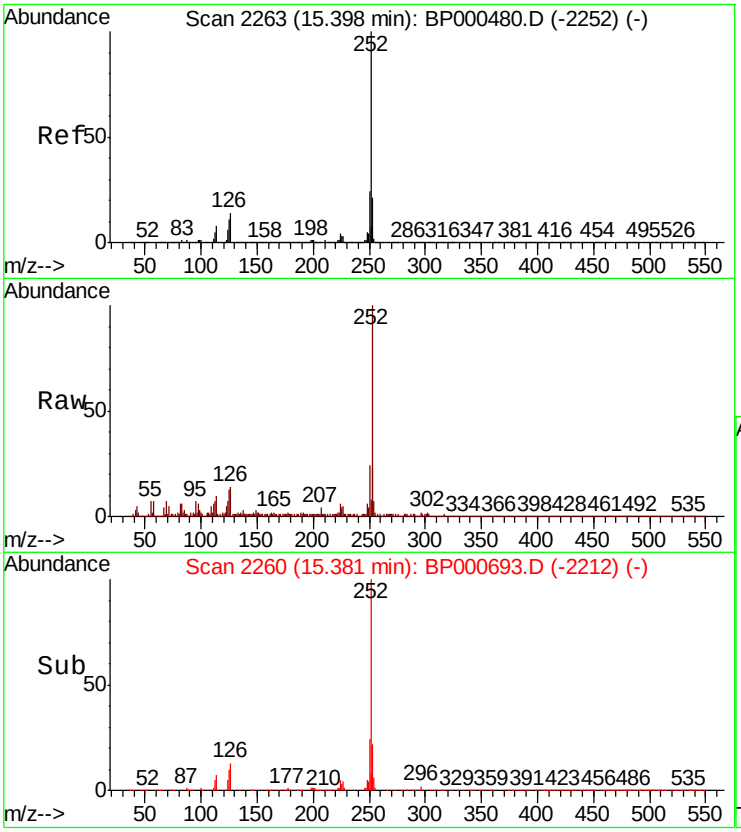


#89
Benzo(k)fluoranthene
Concen: 7.773 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.05 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion:252 Resp: 316509

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	13.4	7.8	11.8#



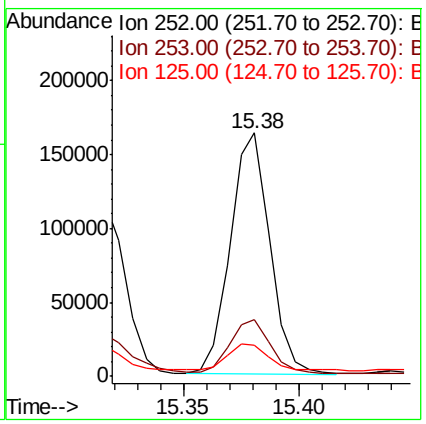


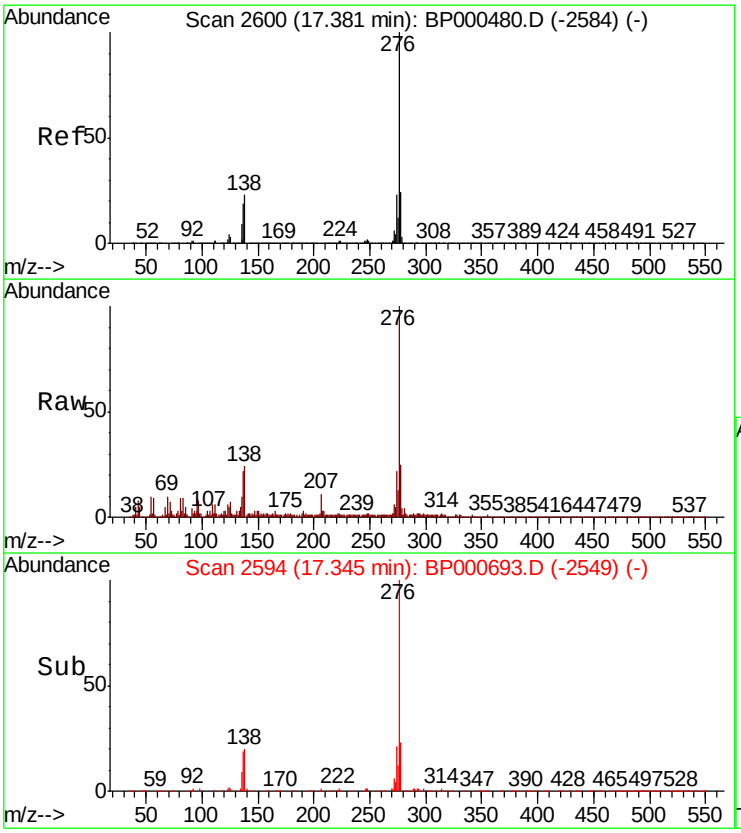
#90
Benzo(a)pyrene
Concen: 4.876 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 194423

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	12.9	8.4	12.6#





#92
Benzo(g,h,i)perylene
Concen: 3.073 ng
RT: 17.35 min Scan# 2594
Delta R.T. -0.04 min
Lab File: BP000693.D
Acq: 13 Oct 2019 01:38

Tgt Ion:276 Resp: 120748

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.2
138	23.6	18.5	27.7