Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001023.D
Acq On : 11 Nov 2019 18:41
Operator : JU
Sample : K5749-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Nov 12 04:15:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	260419	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	953915	20.00	ng		0.00
39) Acenaphthene-d10	13.26	164	528469	20.00	ng		0.00
64) Phenanthrene-d10	15.66	188	969759	20.00	ng		0.00
76) Chrysene-d12	19.30	240	675104	20.00	ng		0.00
87) Perylene-d12	21.09	264	834071	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	1354769	94.69	ng		0.00
7) Phenol-d6	7.82	99	1782541	98.52	ng		0.00
23) Nitrobenzene-d5	9.25	82	1076909	62.45	ng		-0.01
42) 2,4,6-Tribromophenol	14.55	330	606246	96.10	ng		0.00
45) 2-Fluorobiphenyl	12.18	172	2247329	64.05	ng		0.00
79) Terphenyl-d14	17.94	244	2340485	68.96	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.83	94	116962	5.910	ng		92
19) n-Nitroso-di-n-propylamine	9.25	70	144556	13.306	ng	#	79
31) Naphthalene	10.43	128	604876	12.692	ng		99
32) Benzoic acid	10.09	122	6043	8.362	ng	#	16
33) 4-Chloroaniline	10.43	127	82012	4.013	ng	#	39
37) 2-Methylnaphthalene	11.56	142	313351	9.394	ng		99
38) 1-Methylnaphthalene	11.72	142	279910	8.880	ng		99
46) 1,1'-Biphenyl	12.33	154	145015	3.670	ng		97
49) Acenaphthylene	13.02	152	272432	5.633	ng		98
50) Dimethylphthalate	12.85	163	174685	4.470	ng		99
52) Acenaphthene	13.32	154	761329	26.322	ng		97
54) 2,4-Dinitrophenol	13.36	184	31	8.319	ng	#	1
55) Dibenzofuran	13.60	168	978468	21.658	ng		97
56) 4-Nitrophenol	13.60	139	394875	63.869	ng	#	7
58) Fluorene	14.16	166	891301	24.789	ng		99
65) 4,6-Dinitro-2-methylphenol	14.26	198	76	9.901	ng	#	1
71) Phenanthrene	15.72	178	8635384	173.983	ng		96
72) Anthracene	15.78	178	2721742	56.214	ng		99
73) Carbazole	16.02	167	784550	17.674	ng		100
75) Fluoranthene	17.42	202	8705500	155.176	ng		97
78) Pyrene	17.73	202	7330027	153.637	ng		96
81) Benzo(a)anthracene	19.30	228	4143259	91.125	ng		97
83) Chrysene	19.35	228	3376971	84.598	ng		97
86) Indeno(1,2,3-cd)pyrene	22.57	276	288001	5.273	ng		96
88) Benzo(b)fluoranthene	20.60	252	3805460	76.541	ng		98
89) Benzo(k)fluoranthene	20.60	252	3805460	81.312	ng		97
90) Benzo(a)pyrene	21.03	252	2841396	62.152	ng		96
91) Dibenzo(a,h)anthracene	22.96	278	425501	9.119	ng		94
92) Benzo(g,h,i)perylene	23.26	276	1202462	25.593	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001023.D
Acq On : 11 Nov 2019 18:41
Operator : JU
Sample : K5749-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Nov 12 04:15:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
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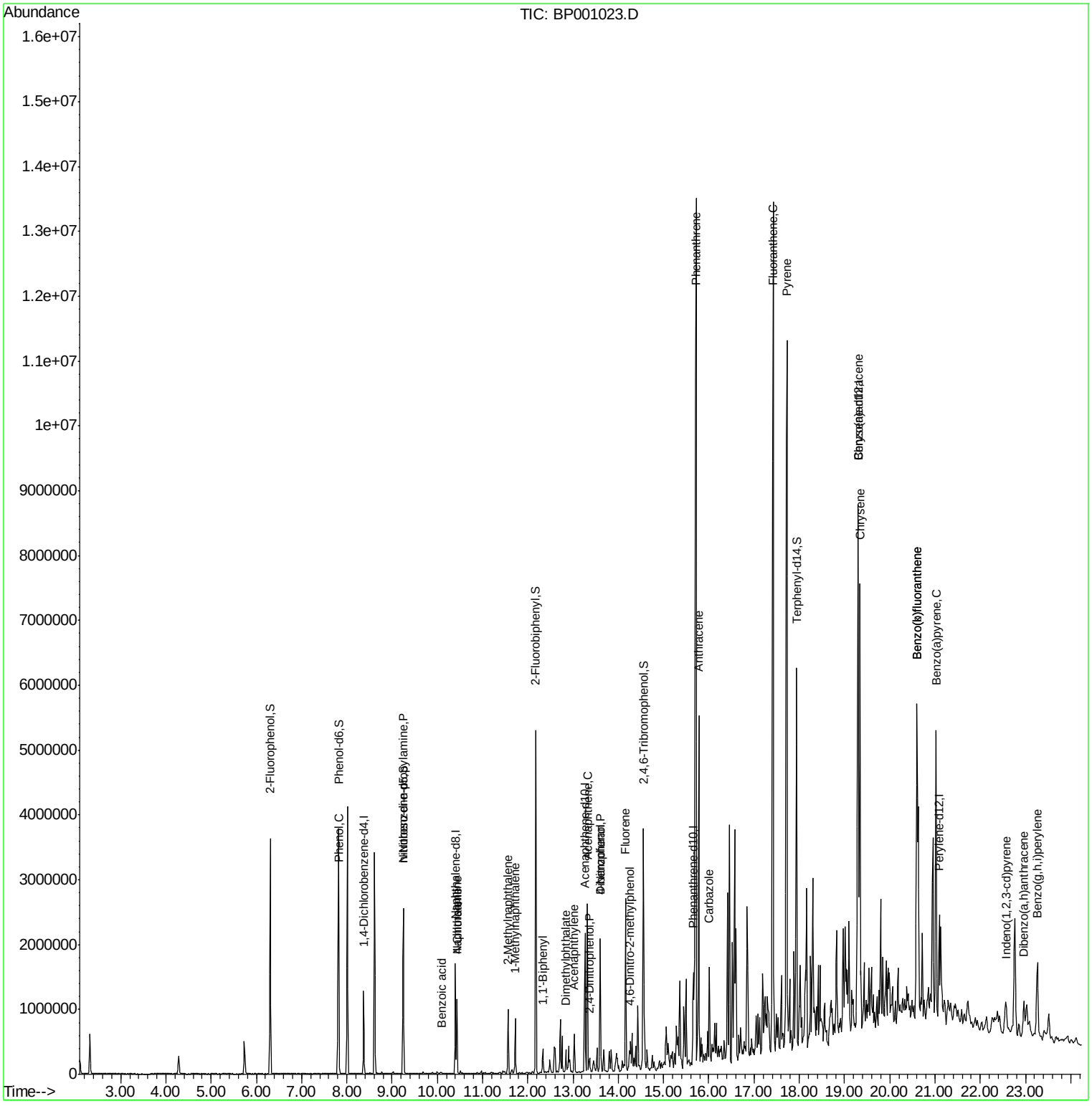
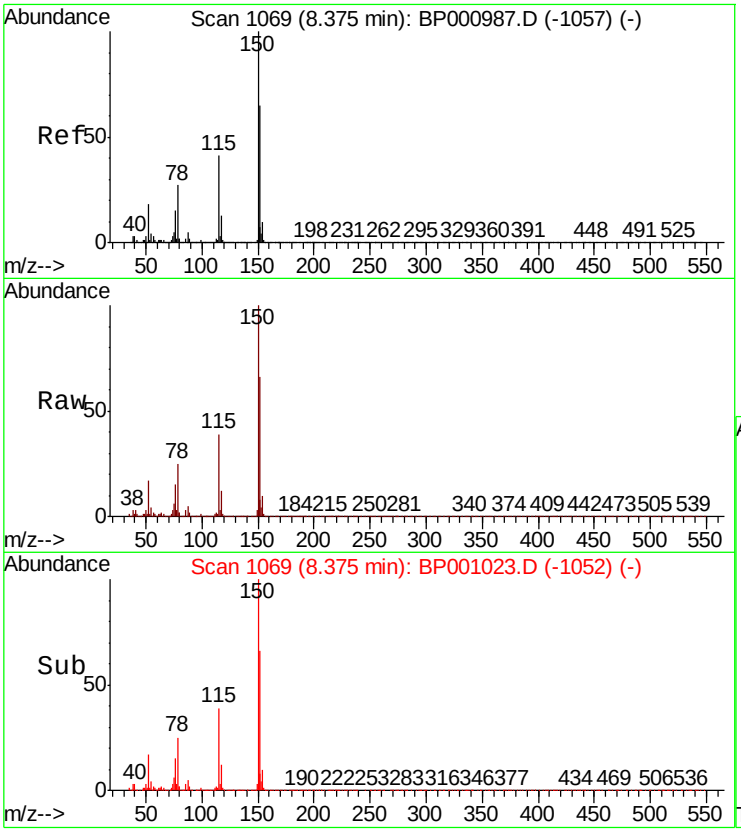


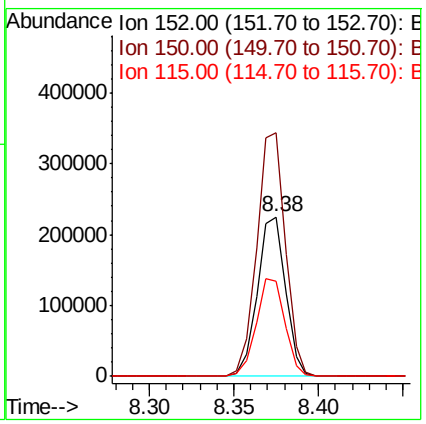


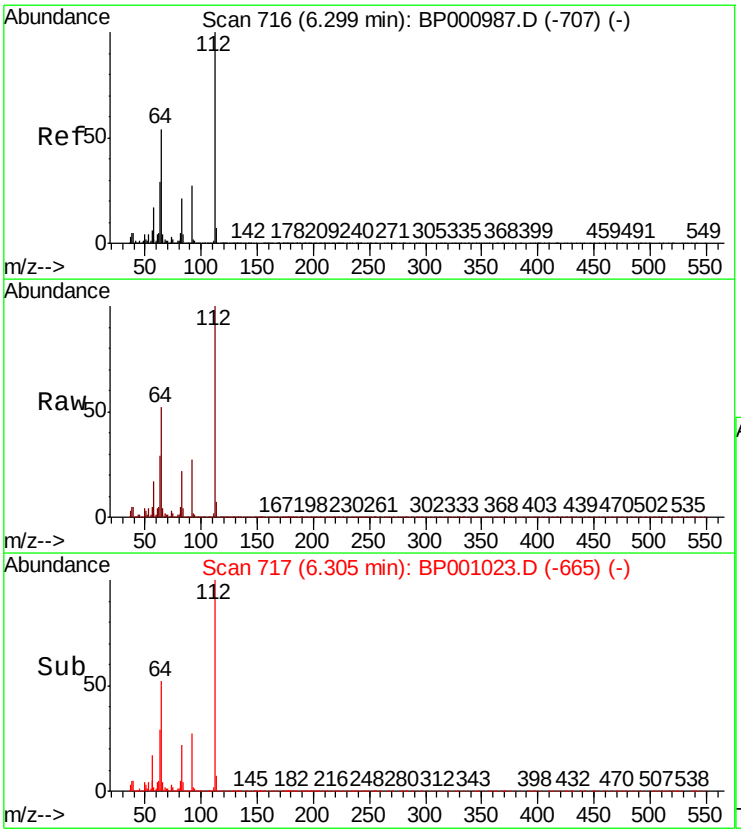
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.38 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 260419

Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.6	185.4
115	59.9	50.1	75.1

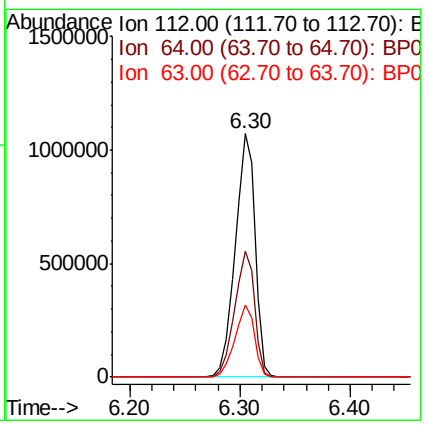


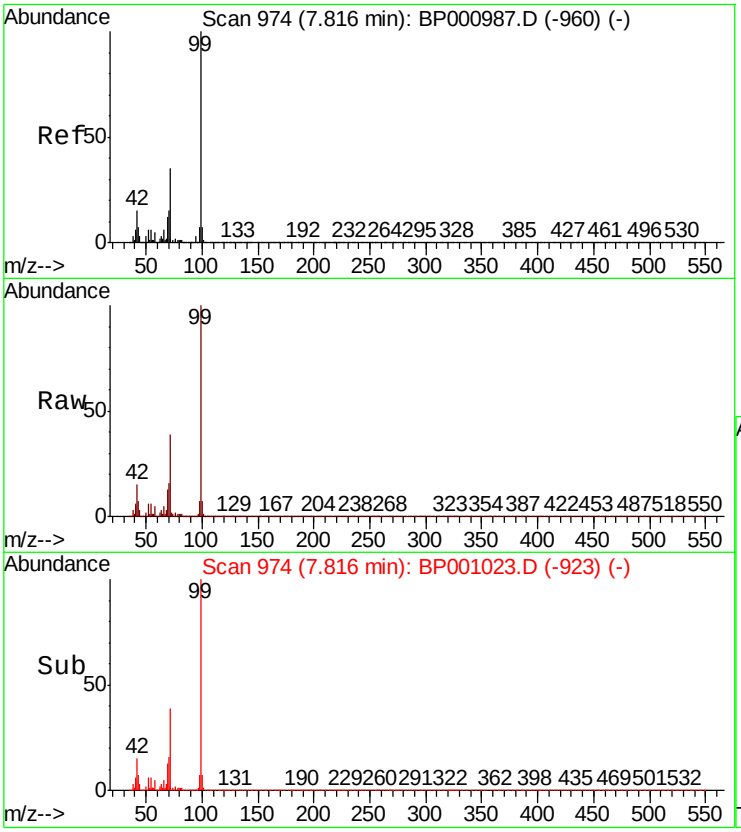


#5
2-Fluorophenol
Concen: 94.690 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:112 Resp: 1354769

Ion	Ratio	Lower	Upper
112	100		
64	51.8	43.4	65.0
63	29.4	23.4	35.0



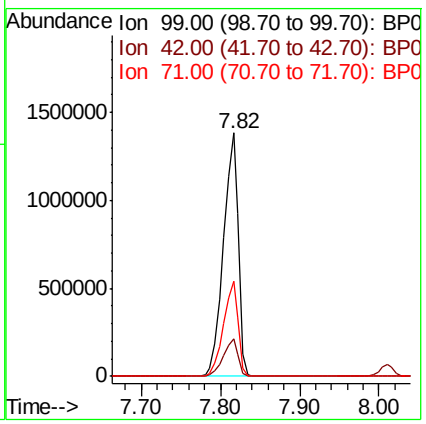


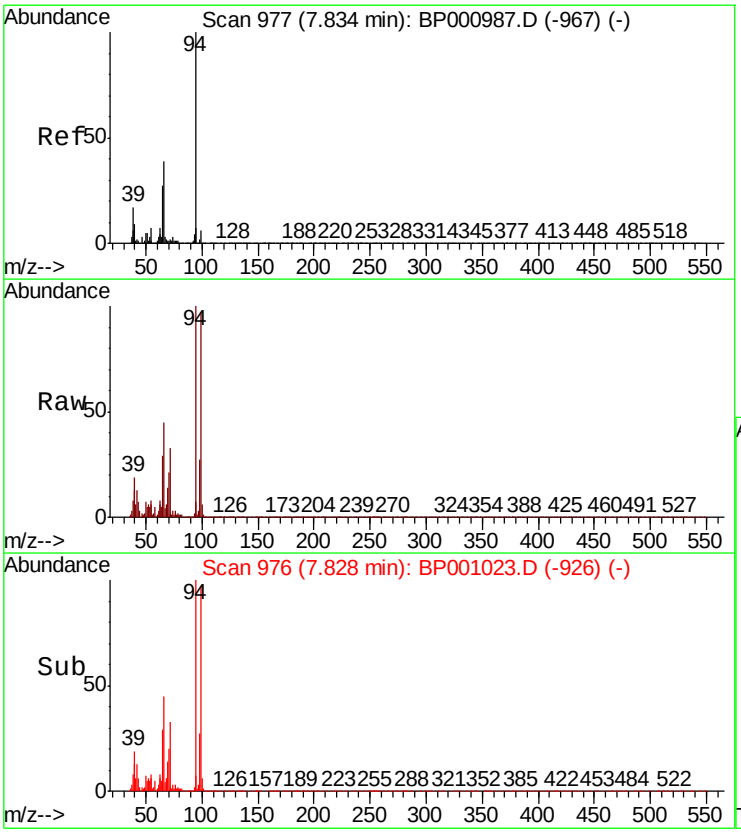
#7
Phenol-d6
Concen: 98.524 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1782541

Ion	Ratio	Lower	Upper
99	100		
42	15.4	11.6	17.4
71	38.9	28.0	42.0

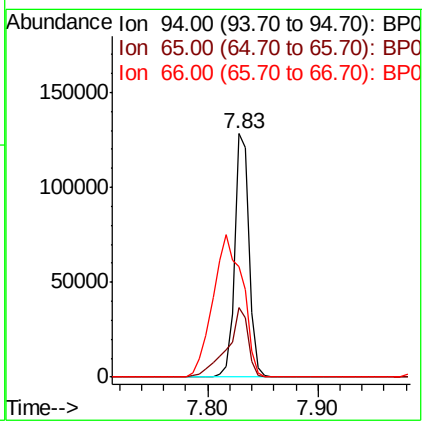


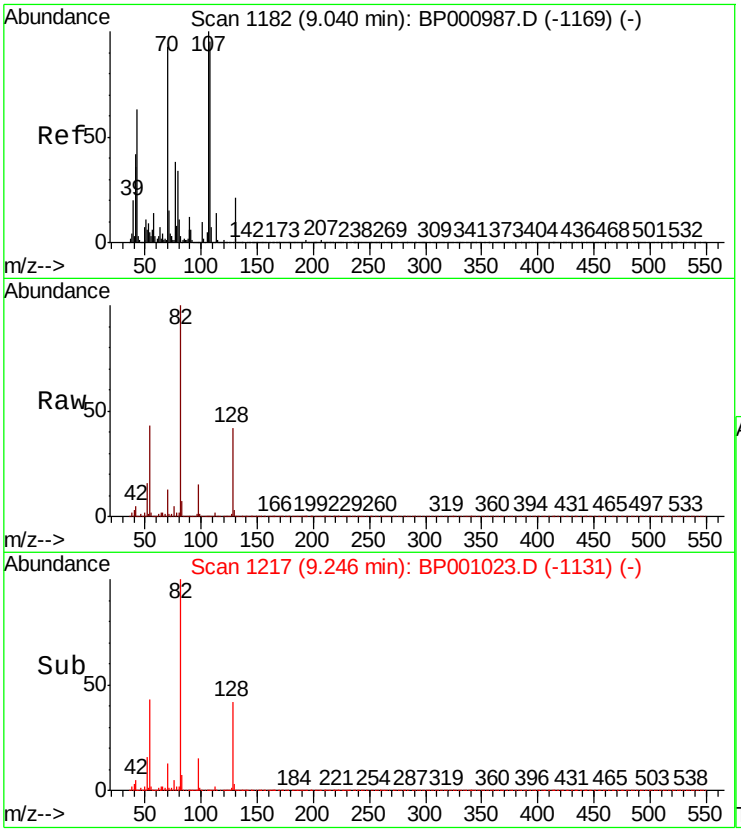


#10
Phenol
Concen: 5.910 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion: 94 Resp: 116962

Ion	Ratio	Lower	Upper
94	100		
65	28.5	6.7	46.7
66	45.5	18.6	58.6



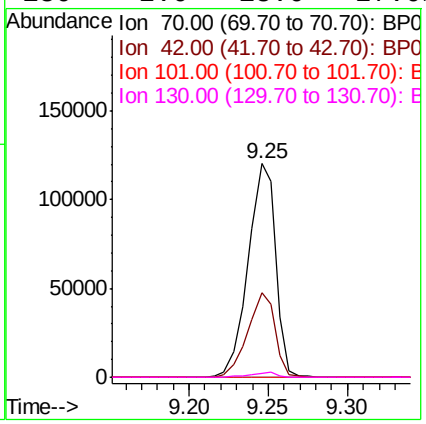


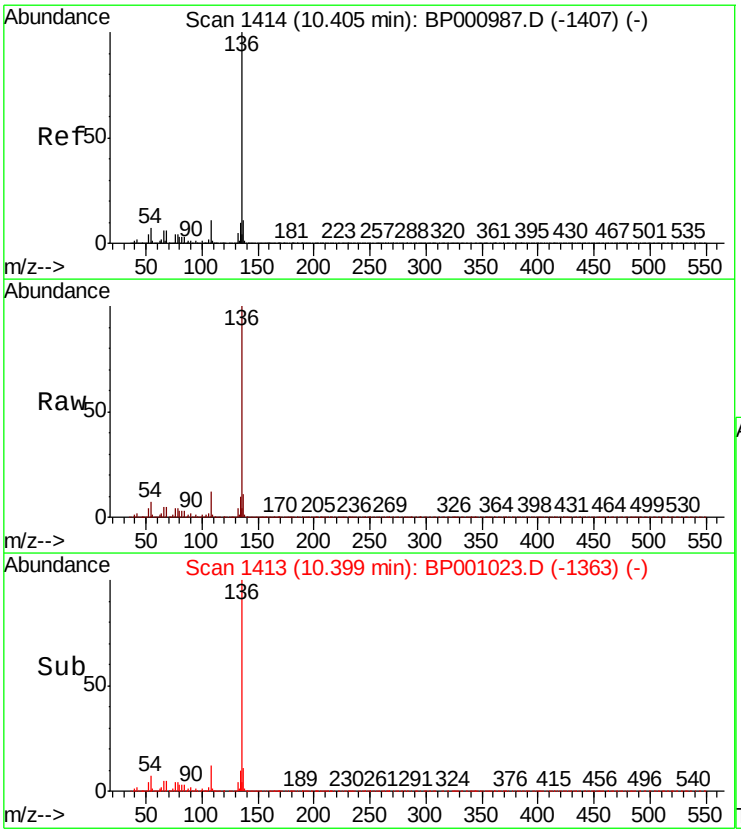
#19
n-Nitroso-di-n-propylamine
Concen: 13.306 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.21 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 144556

Ion	Ratio	Lower	Upper
70	100		
42	39.7	36.3	54.5
101	0.0	8.7	13.1#
130	2.0	18.0	27.0#

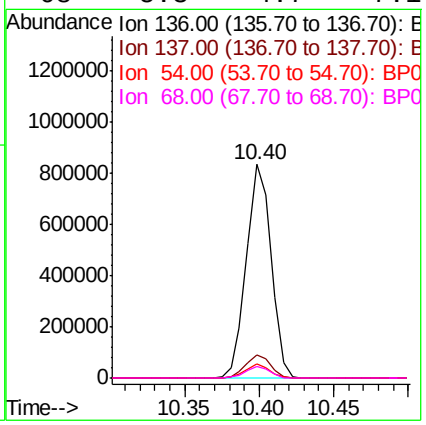


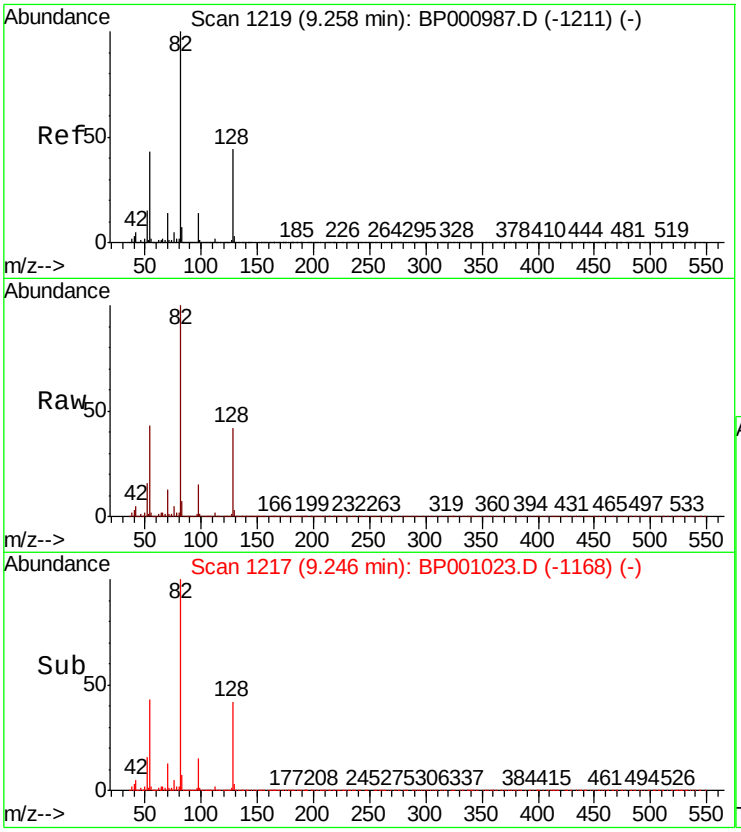


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:136 Resp: 953915

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	6.5	5.4	8.2
68	5.3	4.7	7.1



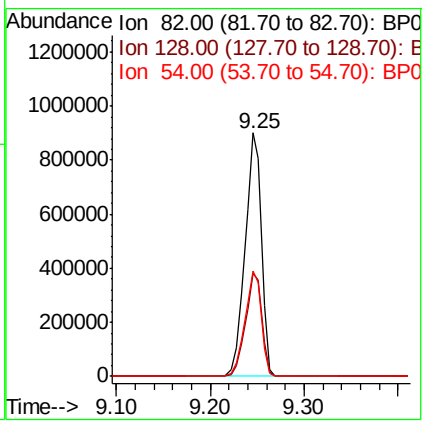


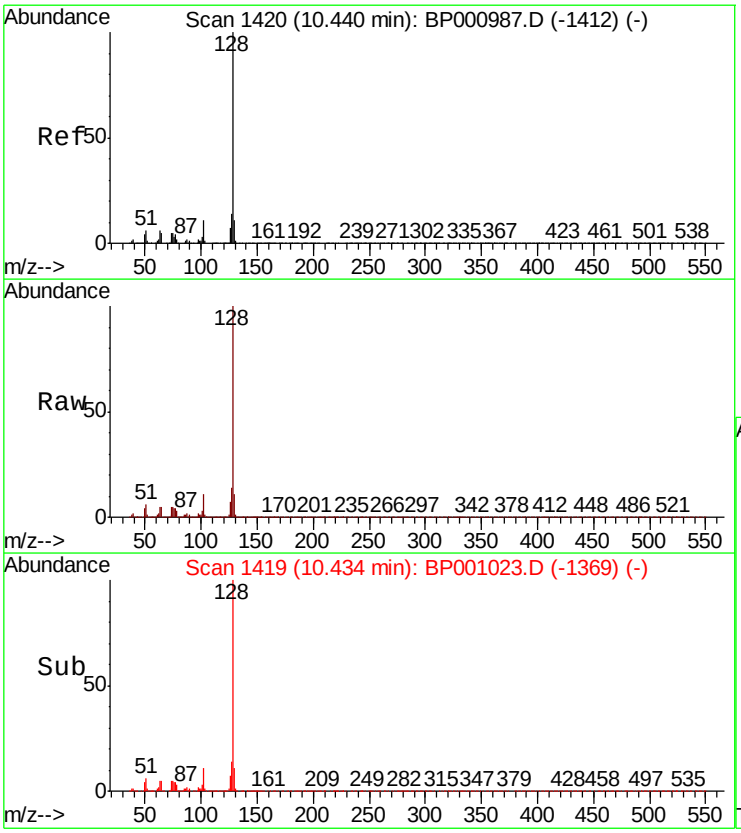
#23
Nitrobenzene-d5
Concen: 62.449 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1076909

Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.3	52.9
54	43.4	34.3	51.5

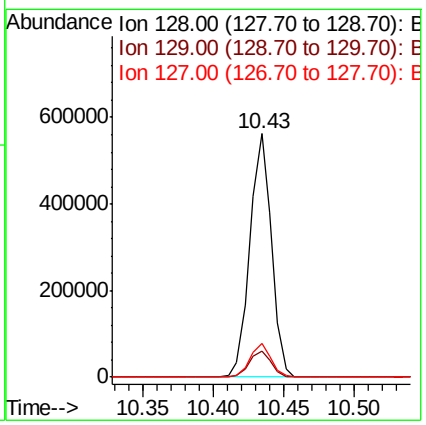


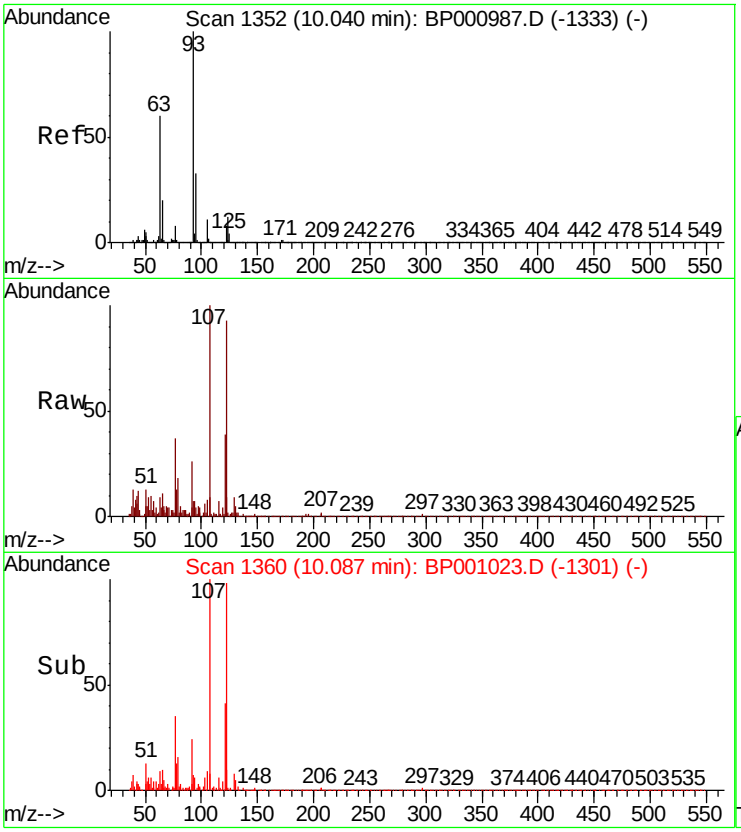


#31
Naphthalene
Concen: 12.692 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:128 Resp: 604876

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	13.9	10.8	16.2



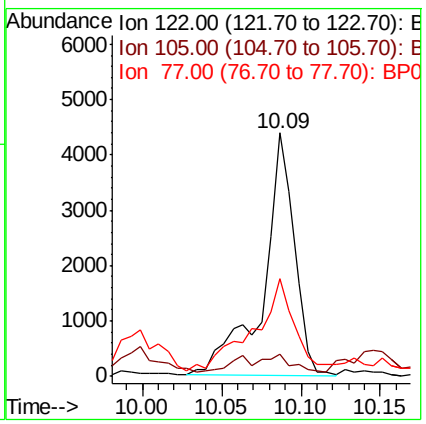


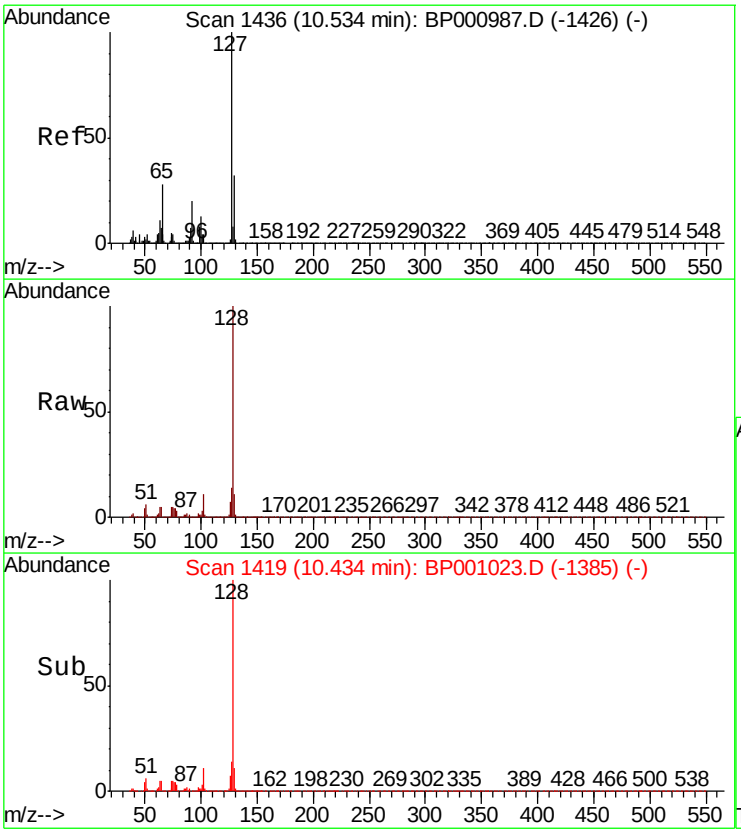
#32
Benzoic acid
Concen: 8.362 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.05 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:122 Resp: 6043

Ion	Ratio	Lower	Upper
122	100		
105	9.1	110.5	150.5#
77	40.1	77.9	117.9#

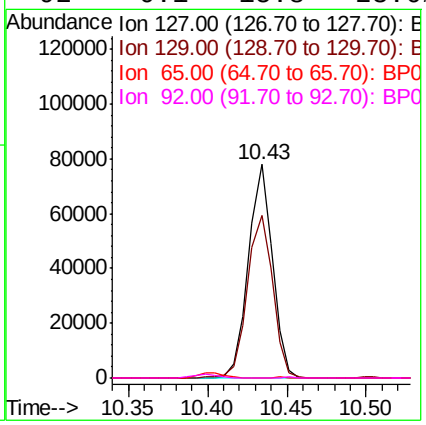


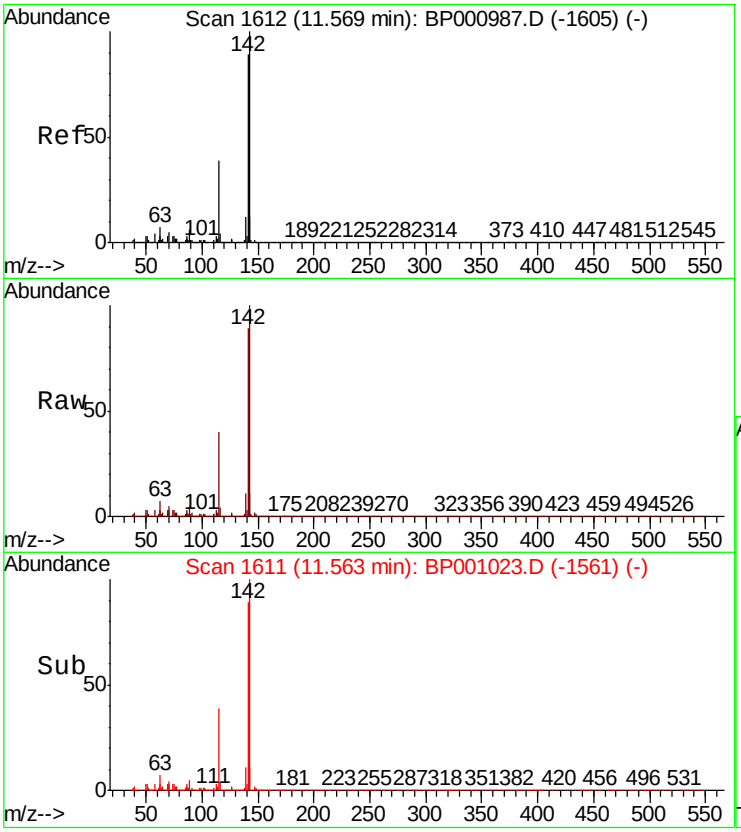


#33
4-Chloroaniline
Concen: 4.013 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.10 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:127 Resp: 82012

Ion	Ratio	Lower	Upper
127	100		
129	76.3	25.8	38.6#
65	0.0	22.7	34.1#
92	0.1	15.8	23.6#



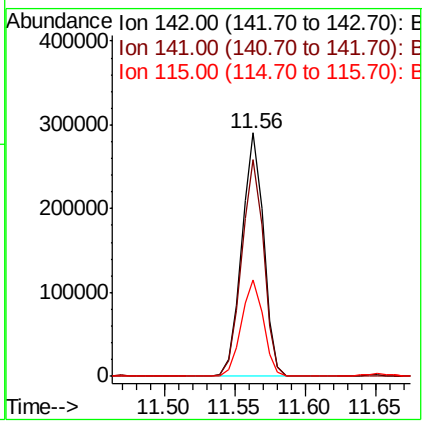


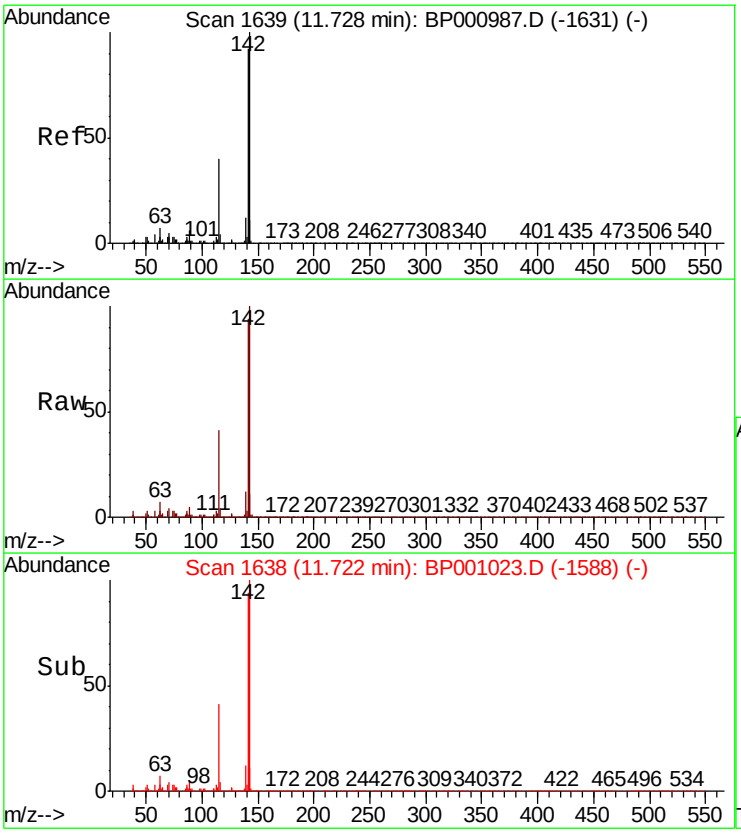
#37
2-Methylnaphthalene
Concen: 9.394 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:142 Resp: 313351

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.5	107.3
115	39.5	30.8	46.2

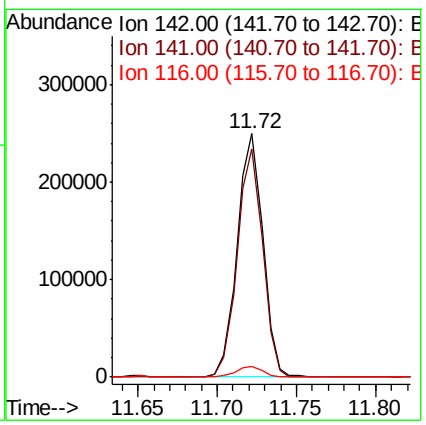


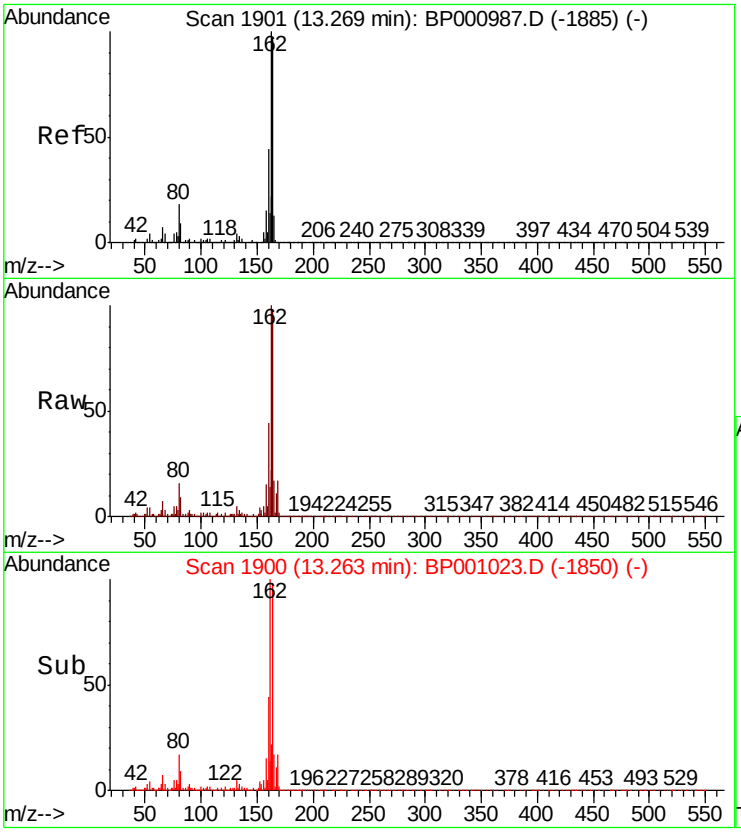


#38
1-Methylnaphthalene
Concen: 8.880 ng
RT: 11.72 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:142 Resp: 279910

Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.9	110.9
116	4.2	3.4	5.0



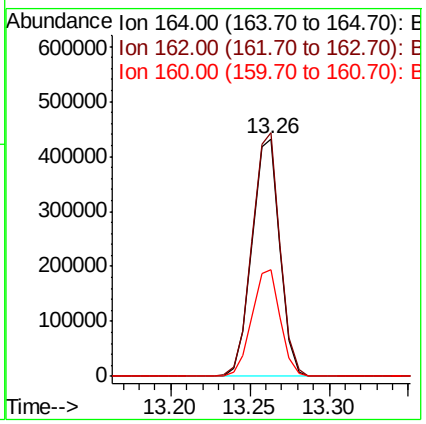


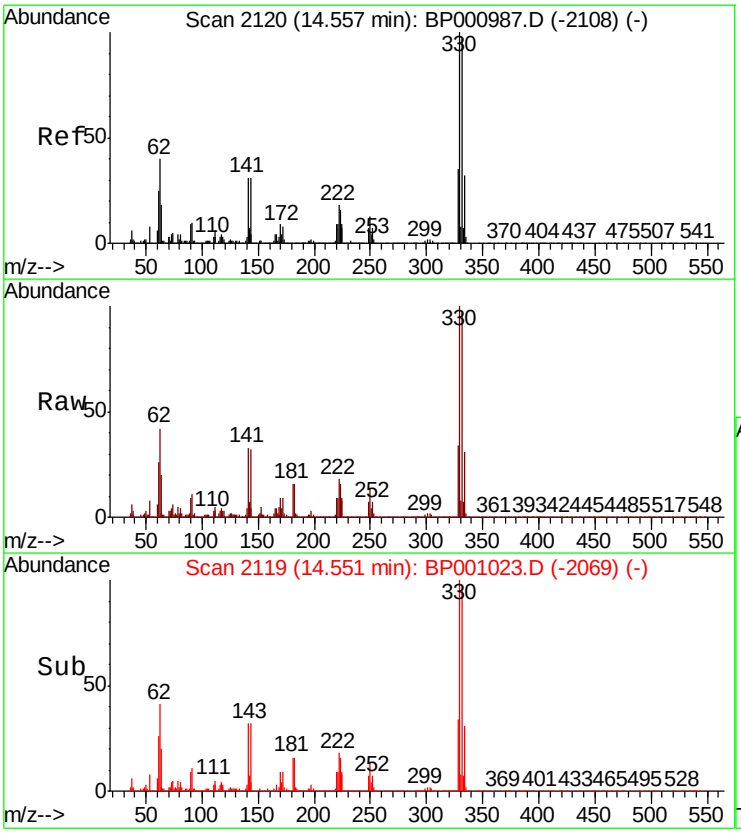
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 528469

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	44.9	36.5	54.7

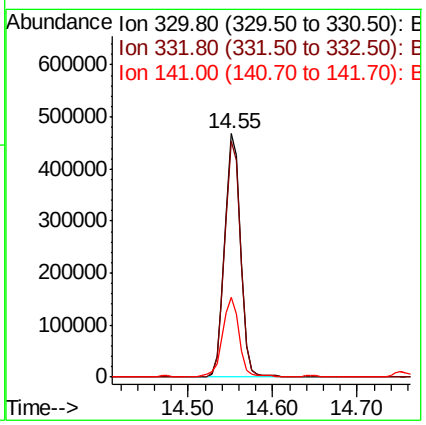


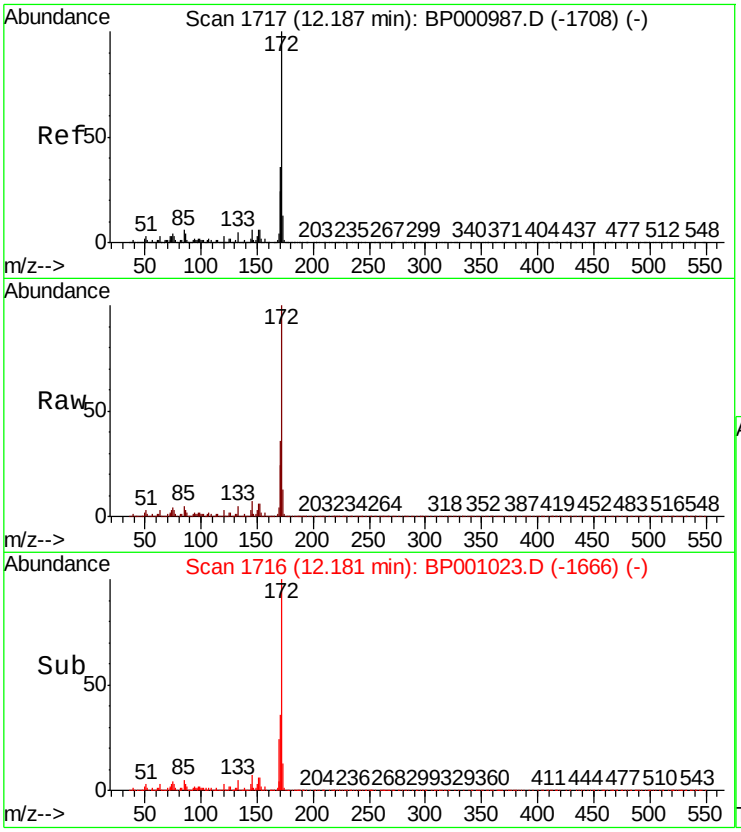


#42
2,4,6-Tribromophenol
Concen: 96.097 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:330 Resp: 606246

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.3	117.5
141	33.6	25.0	37.4



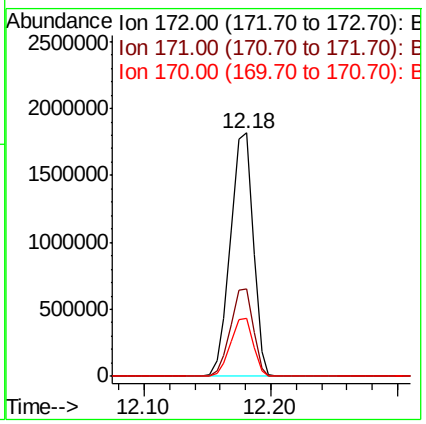


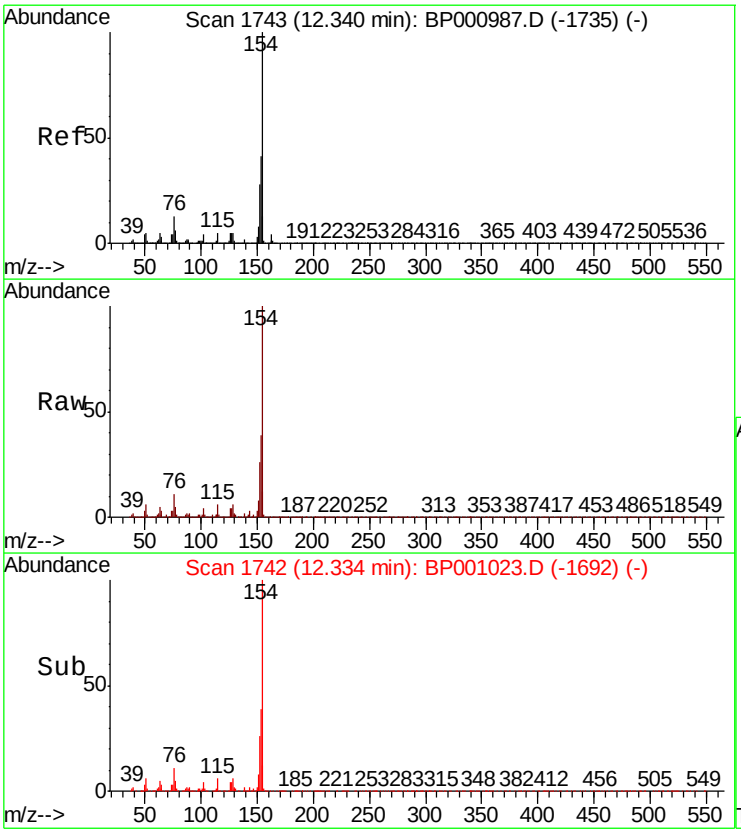
#45
2-Fluorobiphenyl
Concen: 64.047 ng
RT: 12.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 2247329

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.6	18.9	28.3

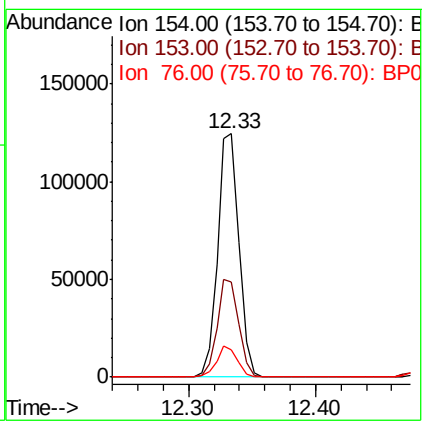


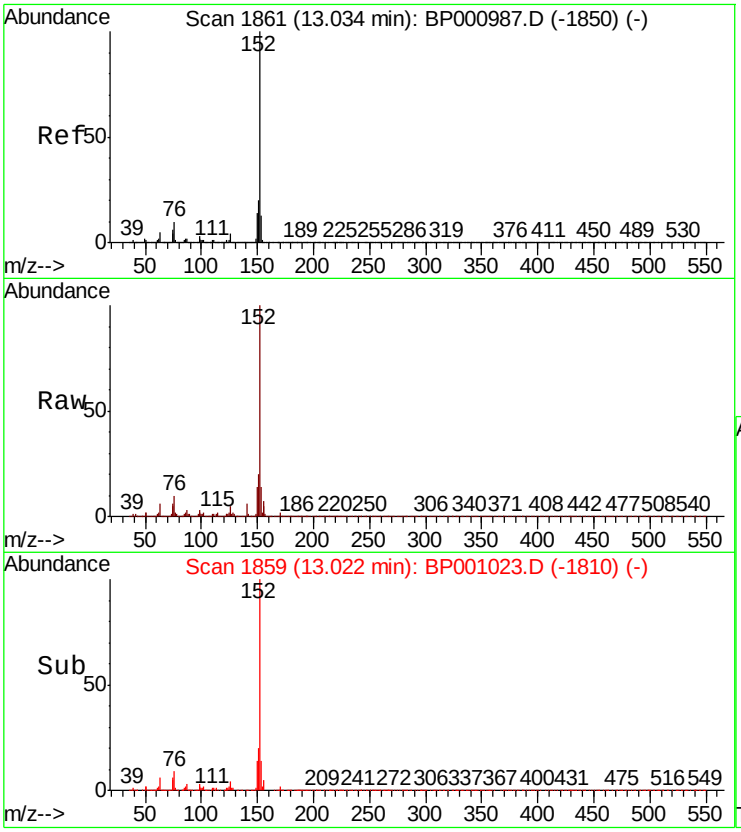


#46
1,1'-Biphenyl
Concen: 3.670 ng
RT: 12.33 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:154 Resp: 145015

Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.9	60.9
76	11.1	0.0	32.5



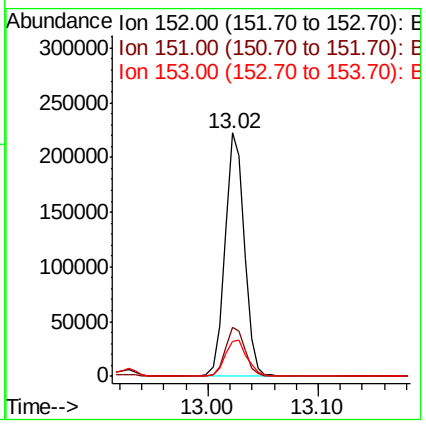


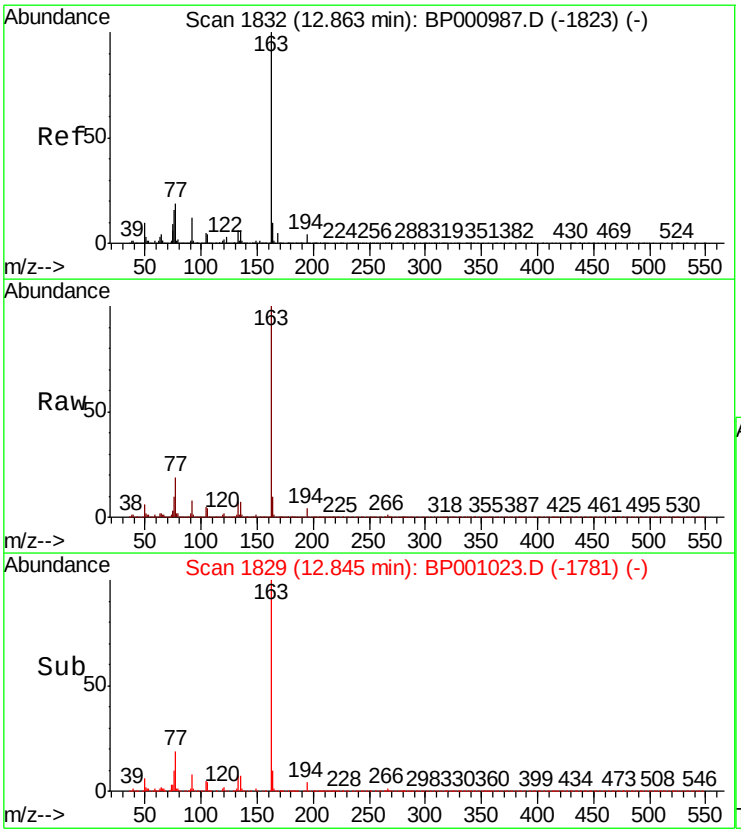
#49
Acenaphthylene
Concen: 5.633 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 272432

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	14.5	10.6	16.0

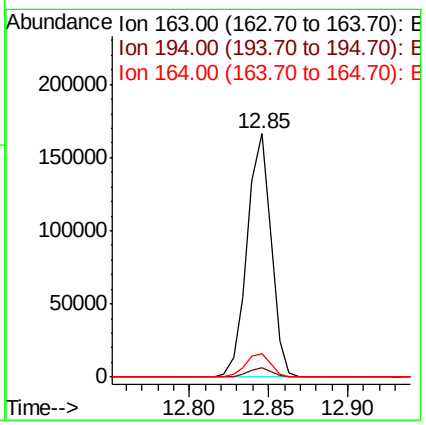


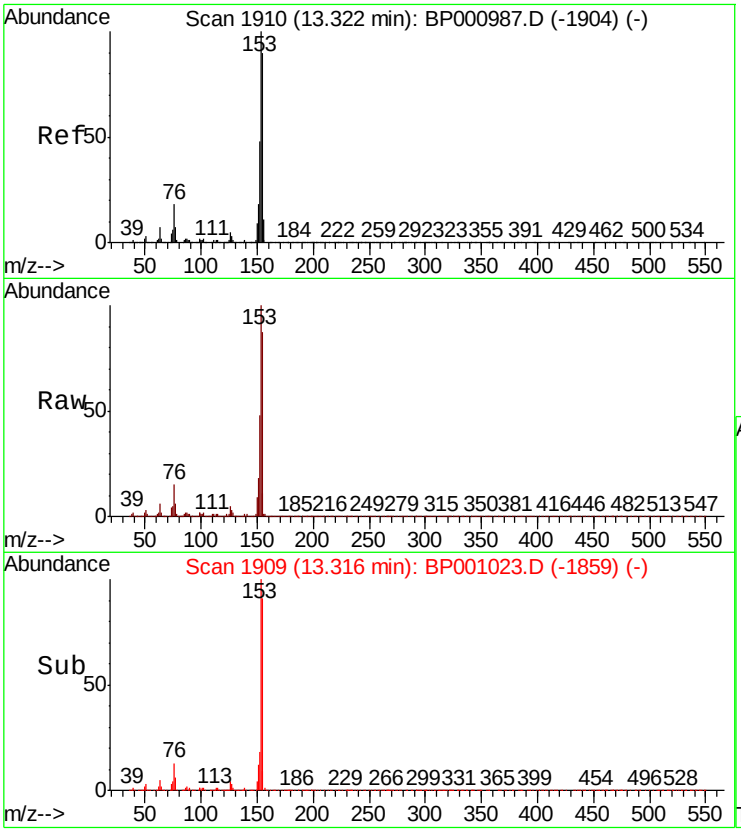


#50
Dimethylphthalate
Concen: 4.470 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:163 Resp: 174685

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	9.8	7.9	11.9



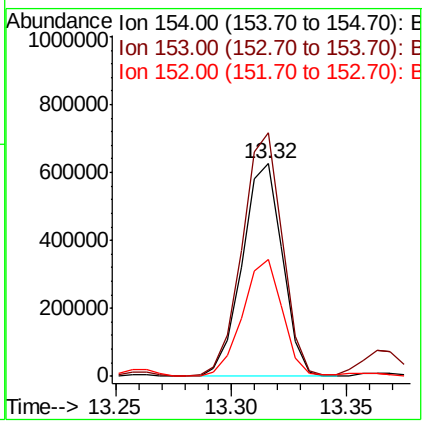


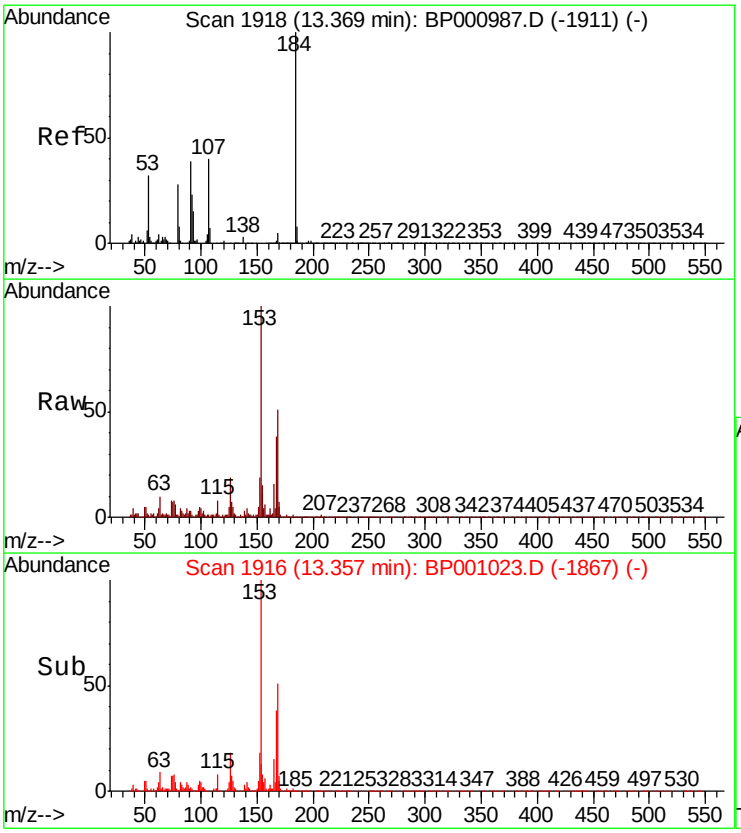
#52
Acenaphthene
Concen: 26.322 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:154 Resp: 761329

Ion	Ratio	Lower	Upper
154	100		
153	114.4	88.9	133.3
152	55.0	42.4	63.6

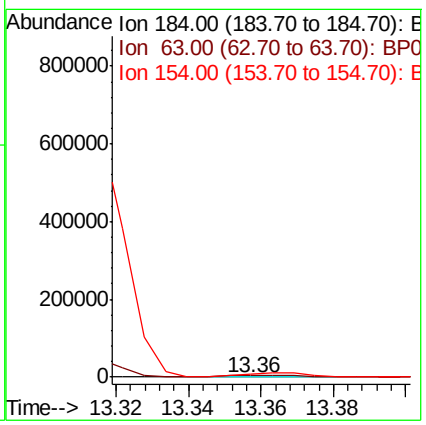


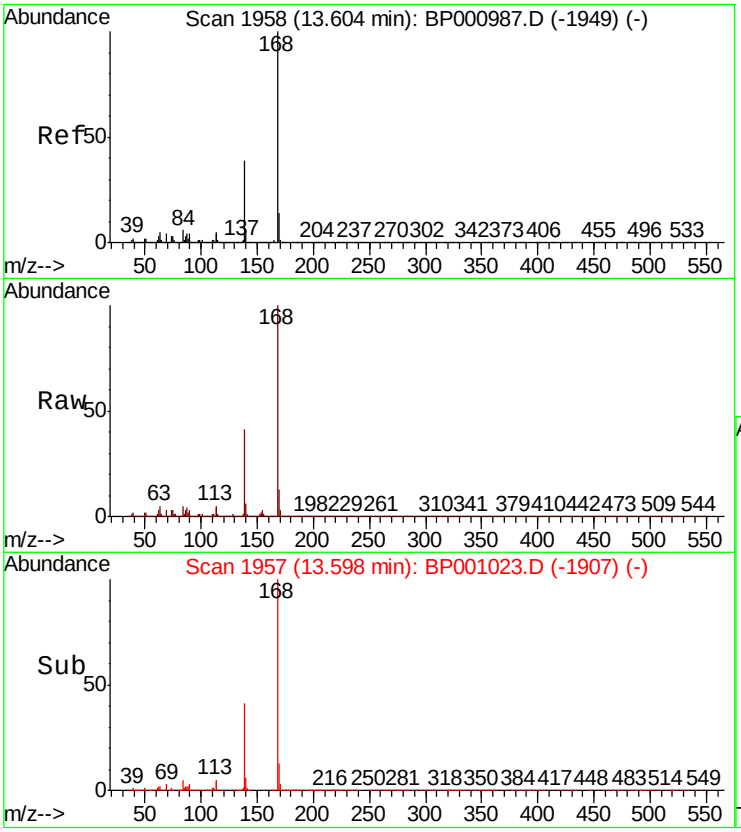


#54
2,4-Dinitrophenol
Concen: 8.319 ng
RT: 13.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:184 Resp: 31

Ion	Ratio	Lower	Upper
184	100		
63	21561.9	41.0	61.6#
154	33123.8	48.1	72.1#



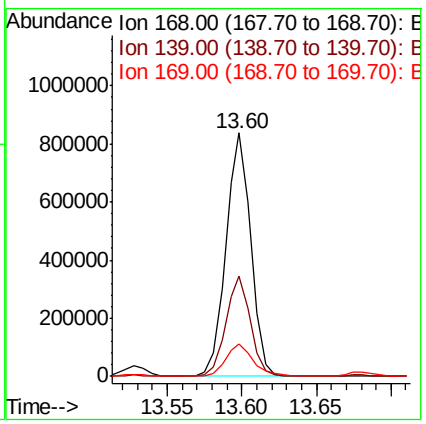


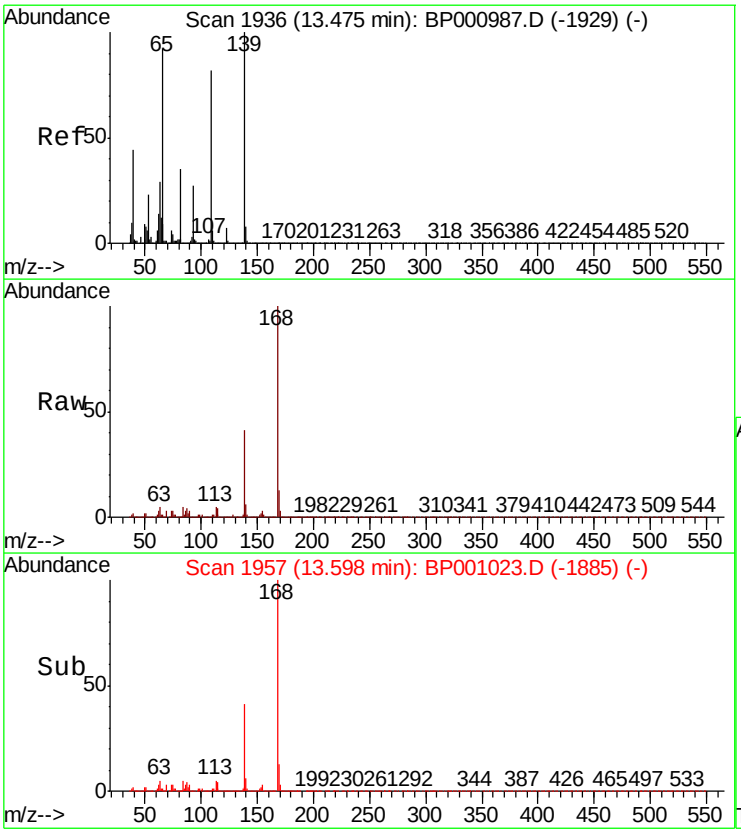
#55
Dibenzofuran
Concen: 21.658 ng
RT: 13.60 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:168 Resp: 978468

Ion	Ratio	Lower	Upper
168	100		
139	41.2	30.9	46.3
169	13.3	10.9	16.3

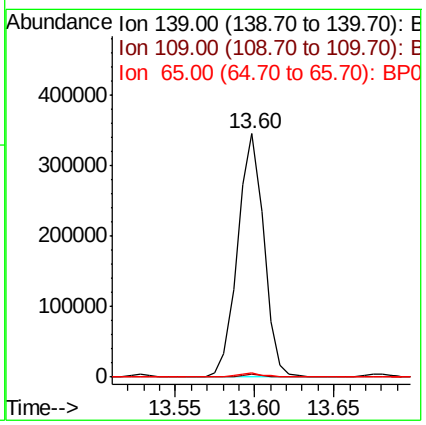


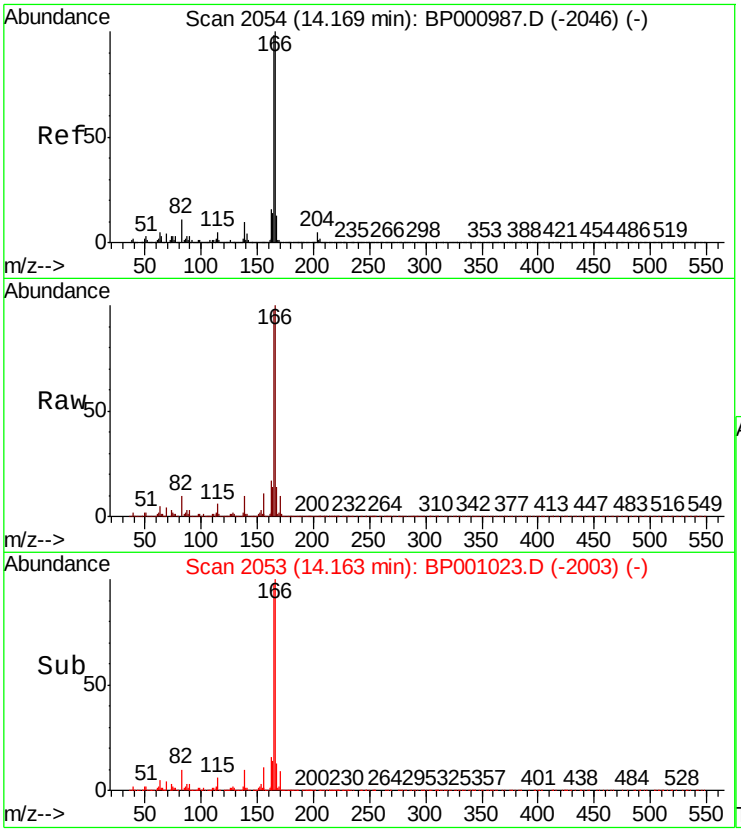


#56
4-Nitrophenol
Concen: 63.869 ng
RT: 13.60 min Scan# 1957
Delta R.T. 0.12 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:139 Resp: 394875

Ion	Ratio	Lower	Upper
139	100		
109	1.0	61.6	101.6#
65	1.5	72.0	112.0#



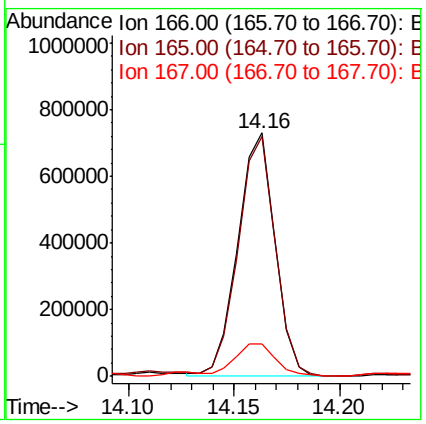


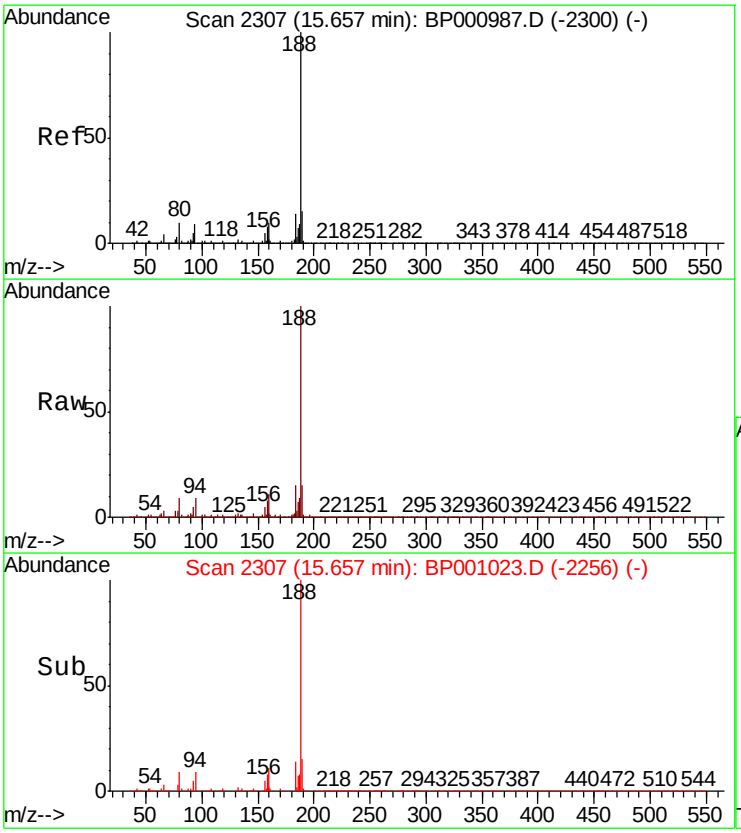
#58
Fluorene
Concen: 24.789 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 891301

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.2	117.2
167	13.5	10.7	16.1

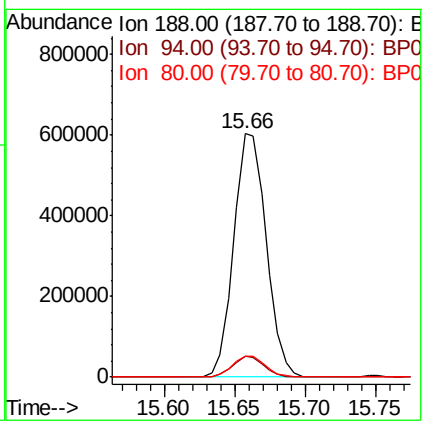


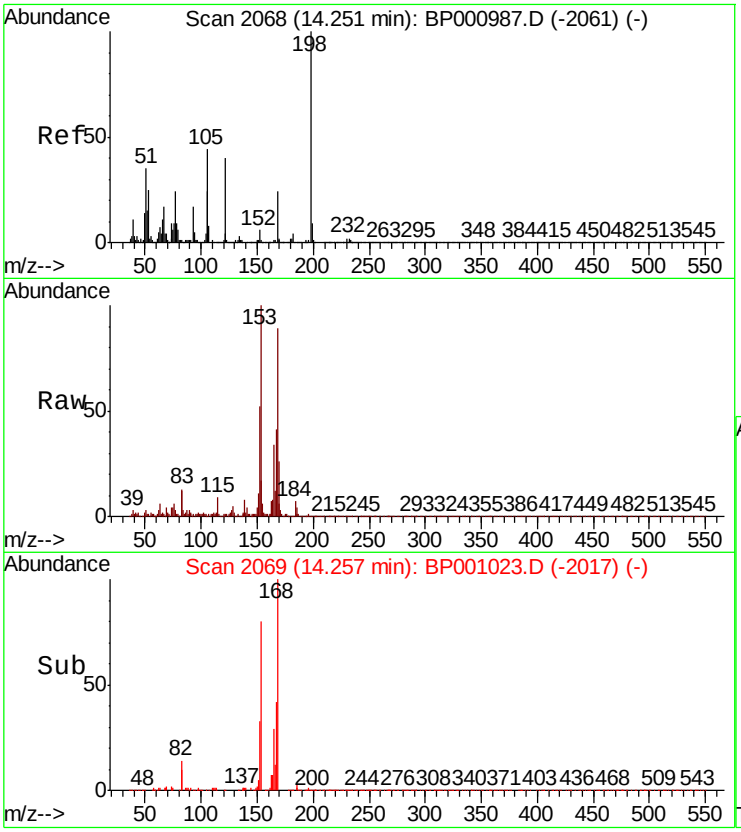


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:188 Resp: 969759

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.2
80	8.6	7.9	11.9



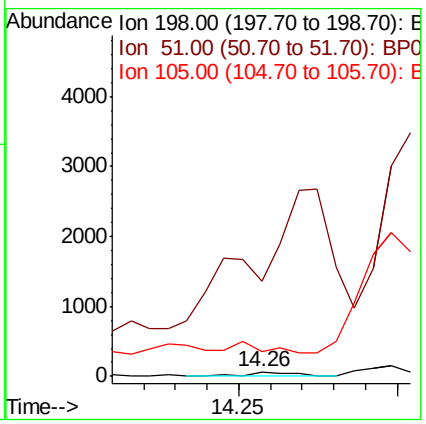


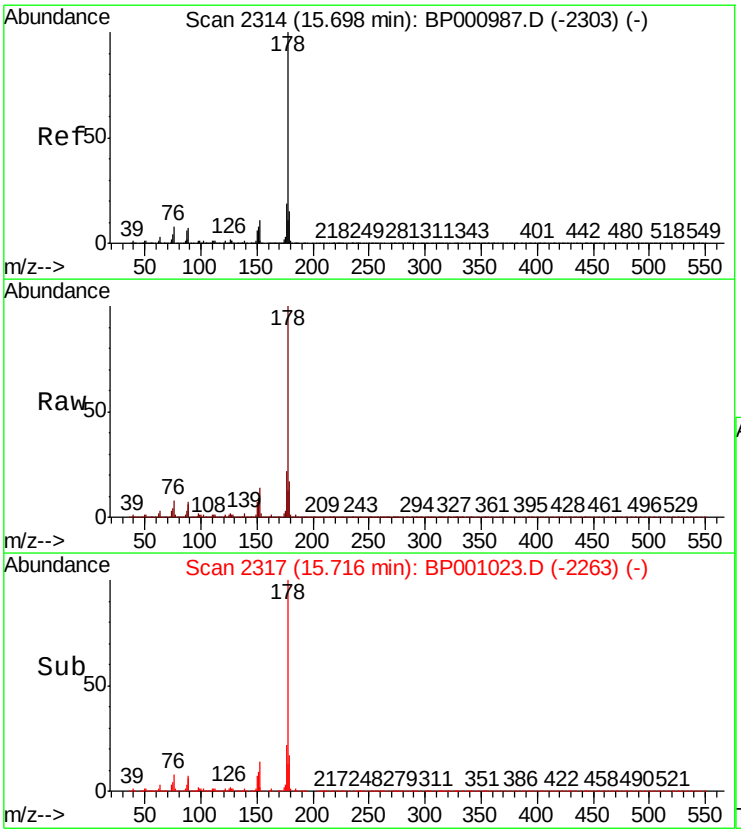
#65
4,6-Dinitro-2-methylphenol
Concen: 9.901 ng
RT: 14.26 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:198 Resp: 76

Ion	Ratio	Lower	Upper
198	100		
51	2244.3	16.0	56.0#
105	734.4	24.9	64.9#

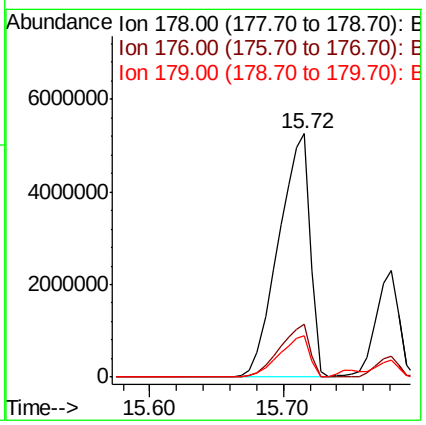


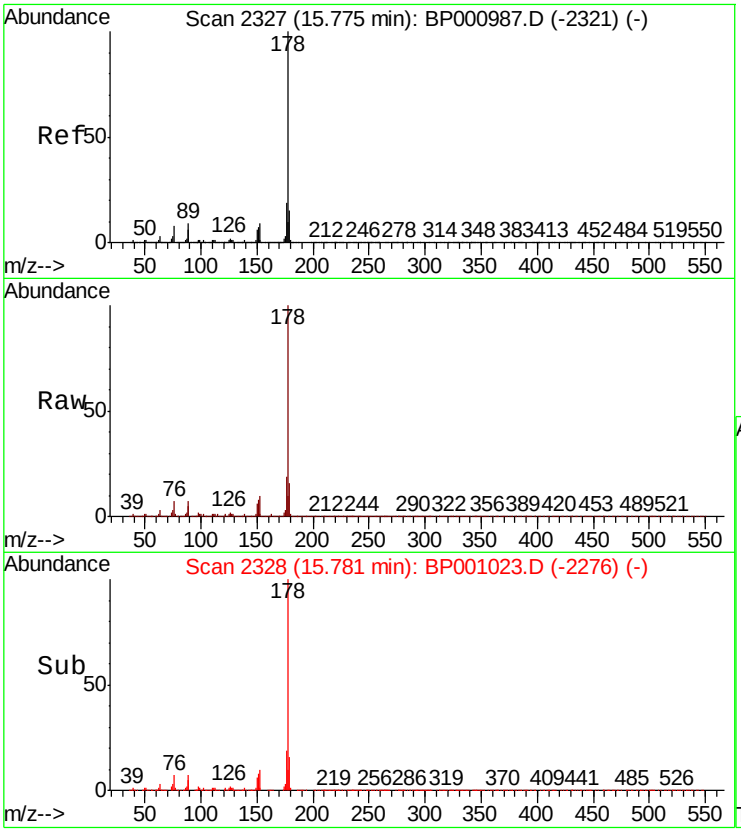


#71
Phenanthrene
Concen: 173.983 ng
RT: 15.72 min Scan# 2317
Delta R.T. 0.02 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:178 Resp: 8635384

Ion	Ratio	Lower	Upper
178	100		
176	21.6	15.5	23.3
179	16.7	12.3	18.5



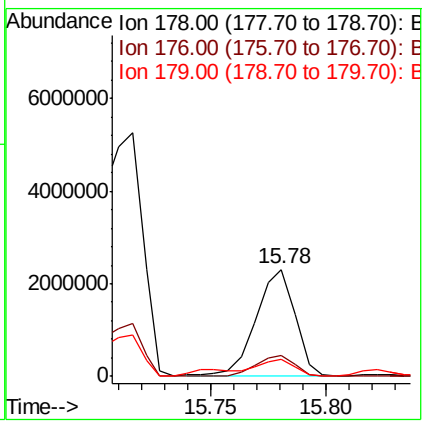


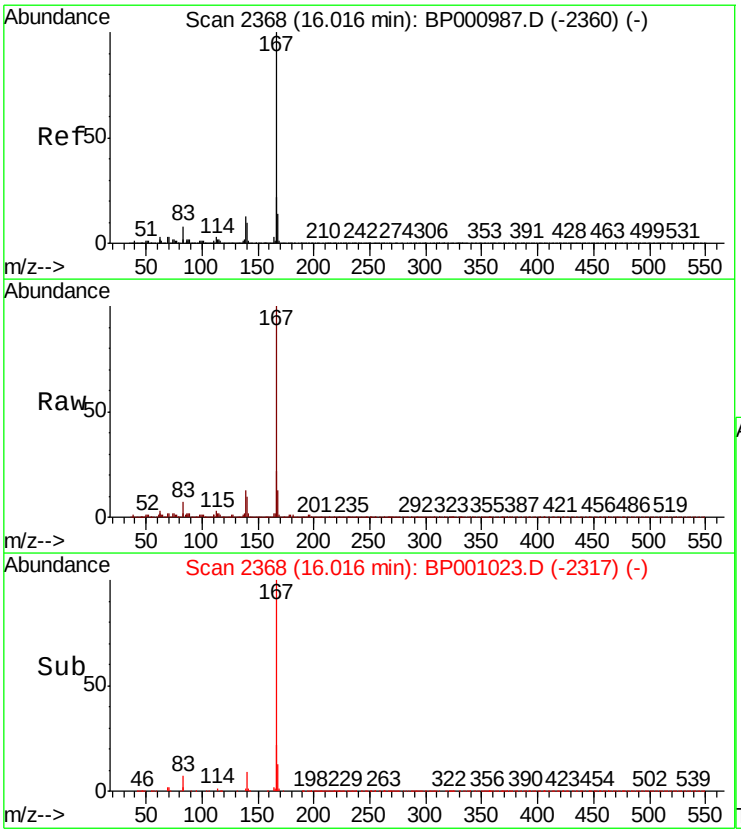
#72
Anthracene
Concen: 56.214 ng
RT: 15.78 min Scan# 2328
Delta R.T. 0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 2721742

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.8	12.3	18.5

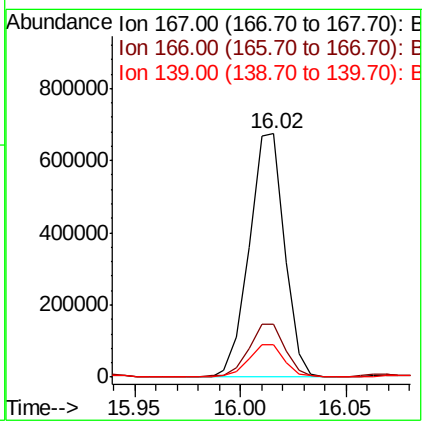


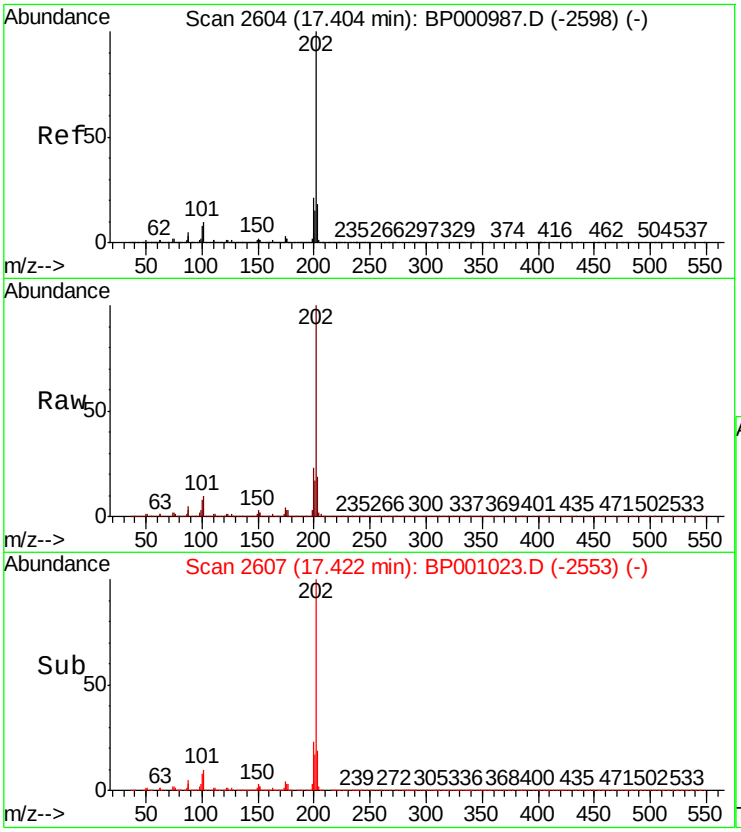


#73
Carbazole
Concen: 17.674 ng
RT: 16.02 min Scan# 2368
Delta R.T. -0.00 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:167 Resp: 784550

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.3	10.6	15.8



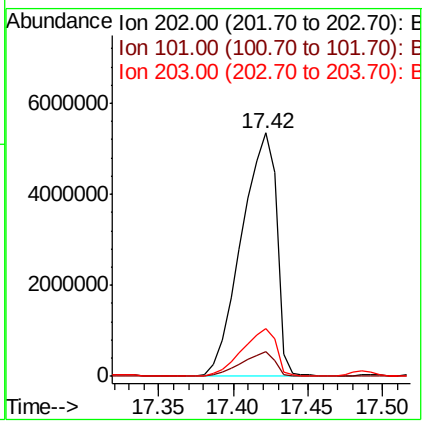


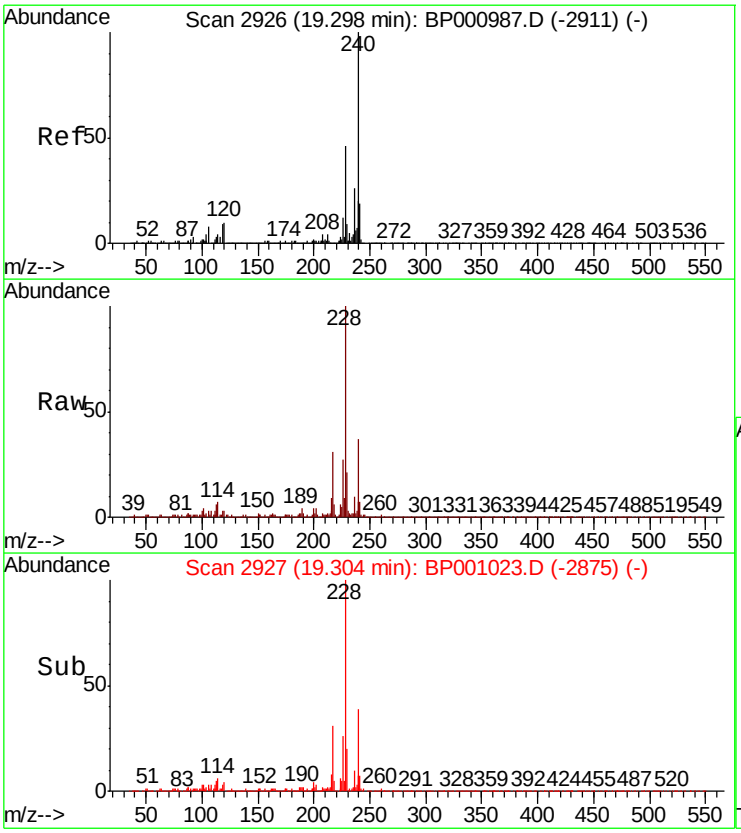
#75
Fluoranthene
Concen: 155.176 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.02 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 8705500

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.1
203	19.5	0.0	37.7

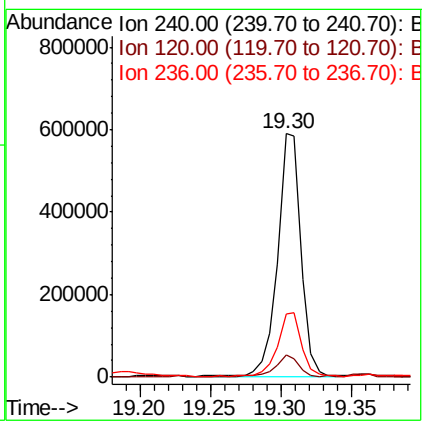


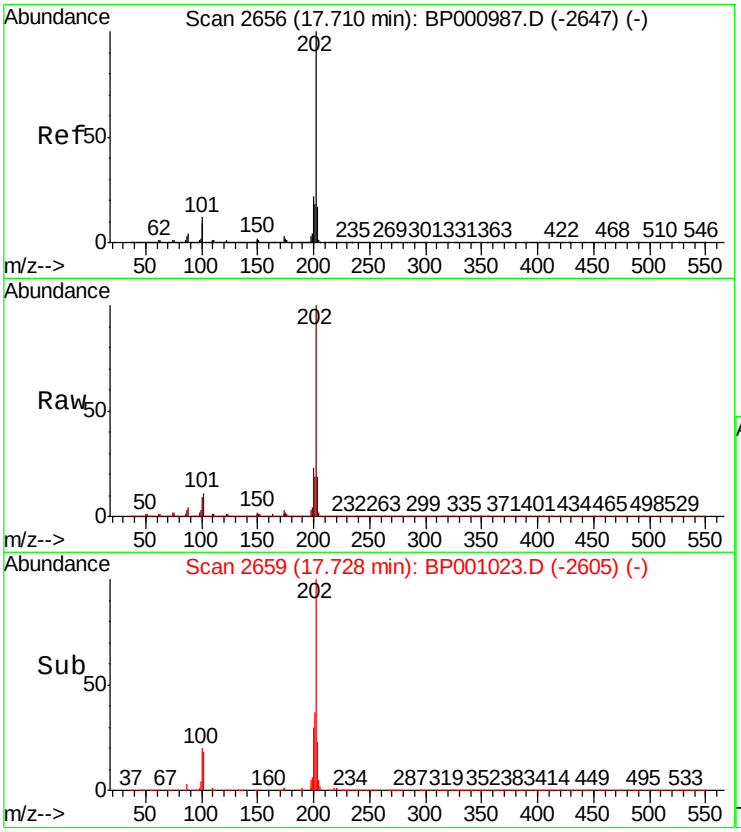


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.30 min Scan# 2927
Delta R.T. 0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:240 Resp: 675104

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.2	12.2
236	26.2	20.5	30.7



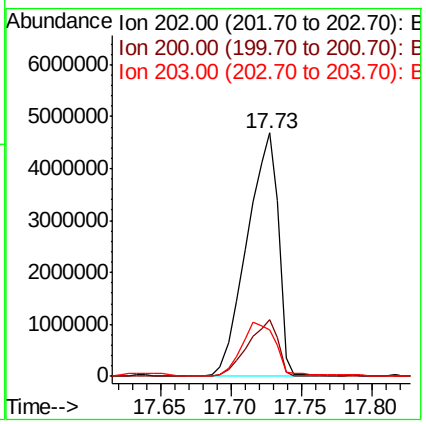


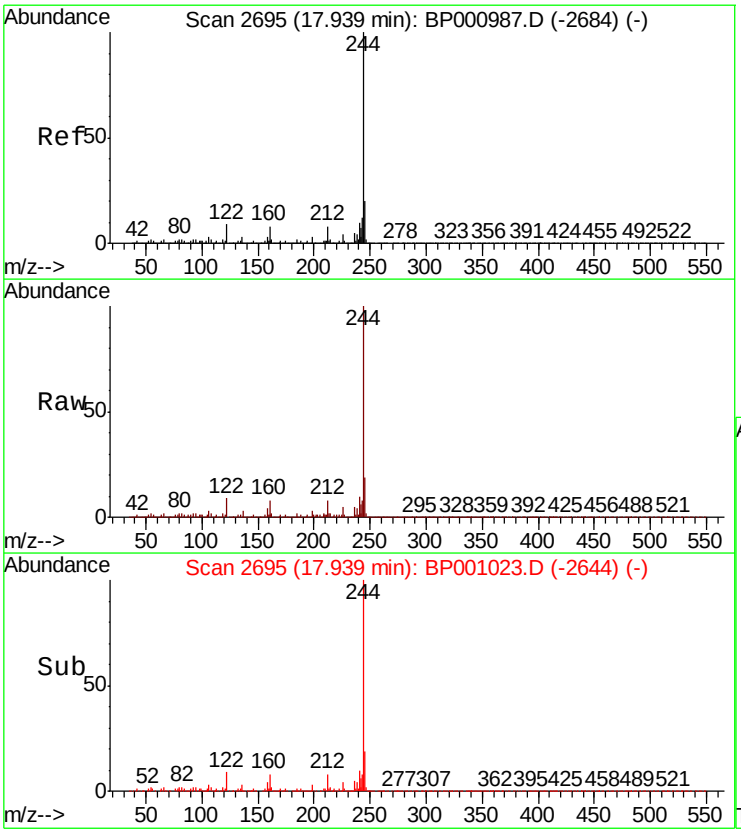
#78
Pyrene
Concen: 153.637 ng
RT: 17.73 min Scan# 2659
Delta R.T. 0.02 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 7330027

Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.2	25.8
203	19.3	14.0	21.0

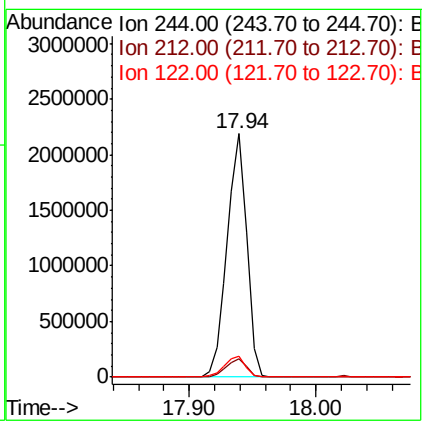


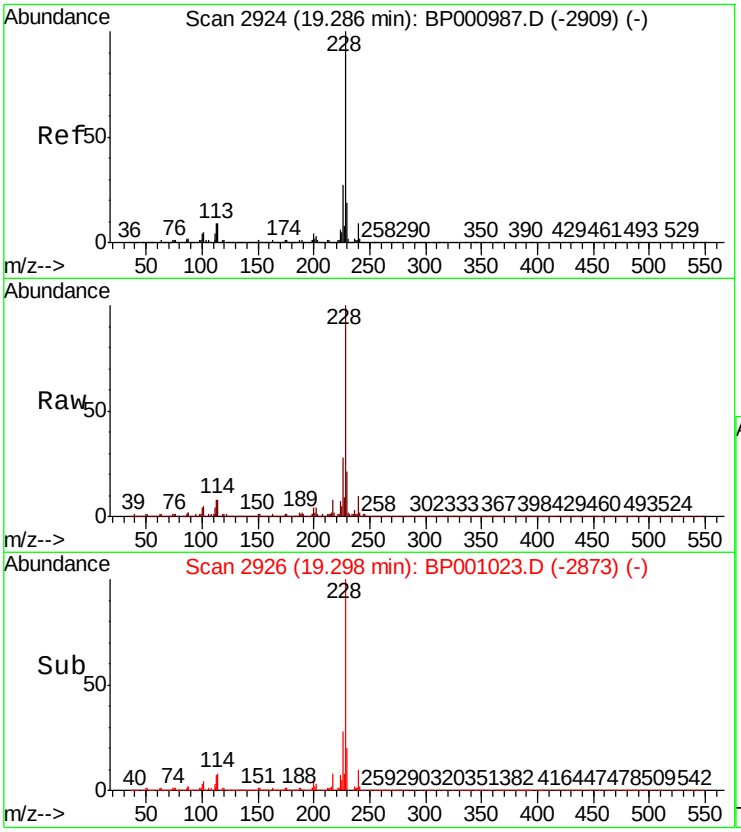


#79
Terphenyl-d14
Concen: 68.961 ng
RT: 17.94 min Scan# 2695
Delta R.T. -0.00 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:244 Resp: 2340485

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	8.7	7.4	11.2



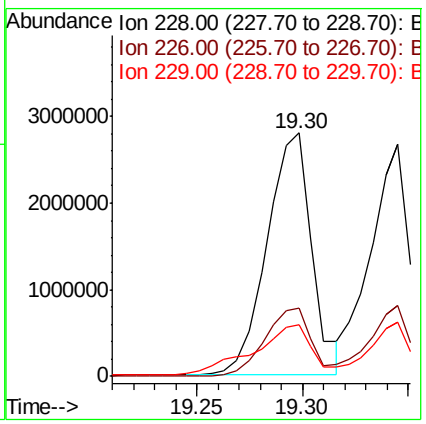


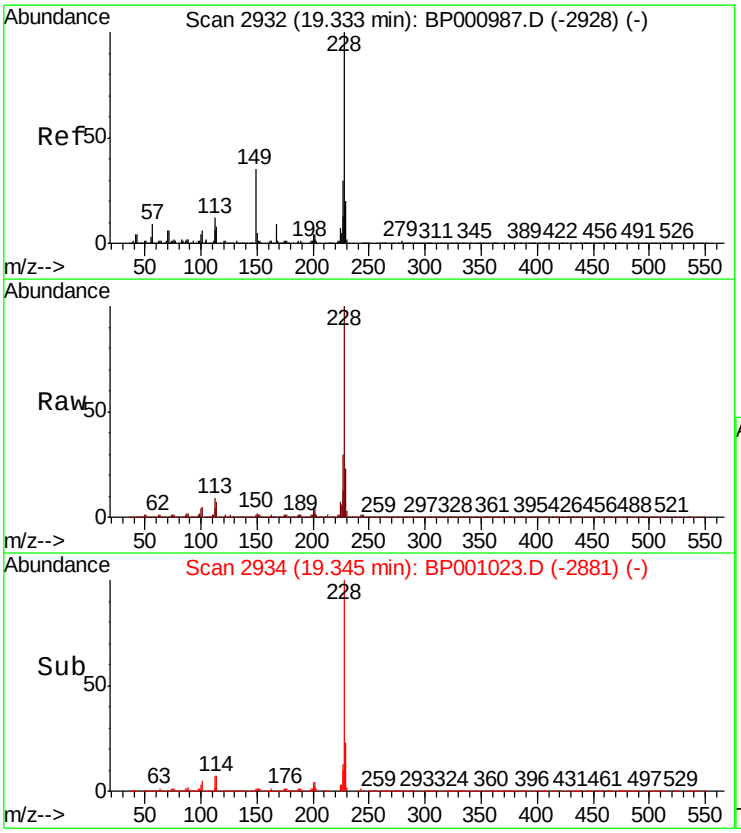
#81
Benzo(a)anthracene
Concen: 91.125 ng
RT: 19.30 min Scan# 2926
Delta R.T. 0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 4143259

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.8	32.8
229	21.2	15.6	23.4

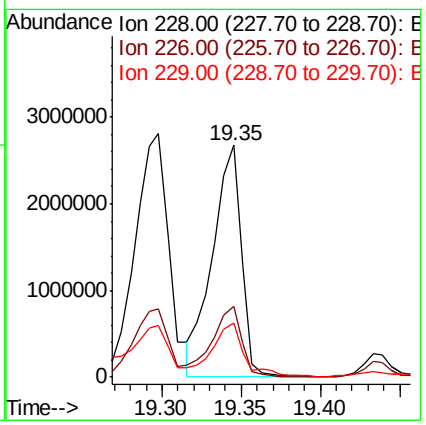


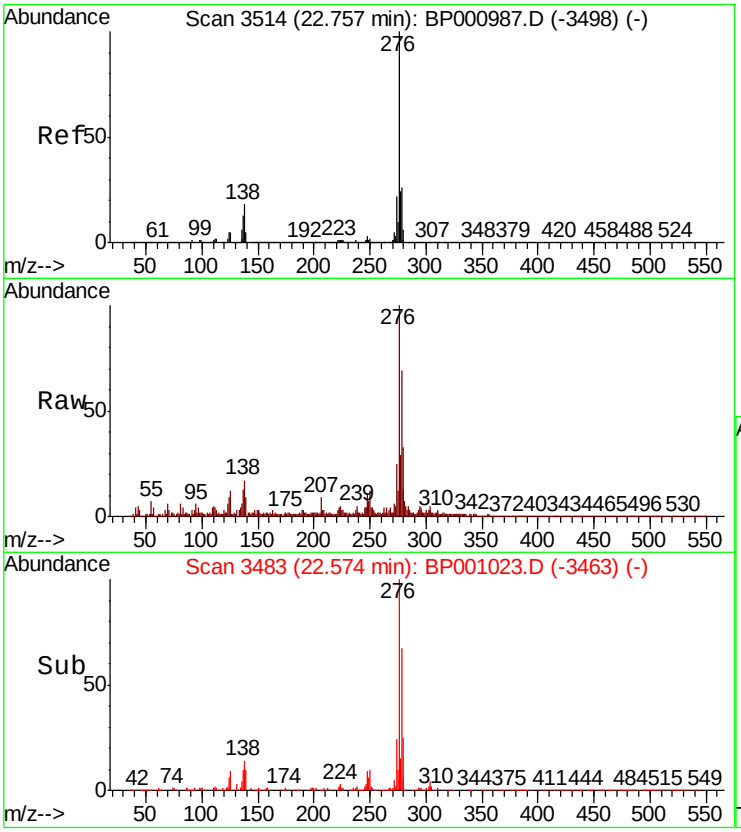


#83
Chrysene
Concen: 84.598 ng
RT: 19.35 min Scan# 2934
Delta R.T. 0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:228 Resp: 3376971

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	23.3	15.8	23.6



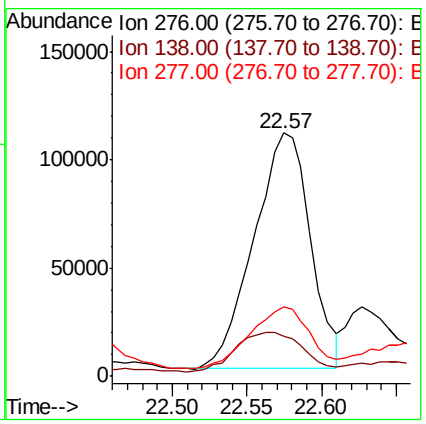


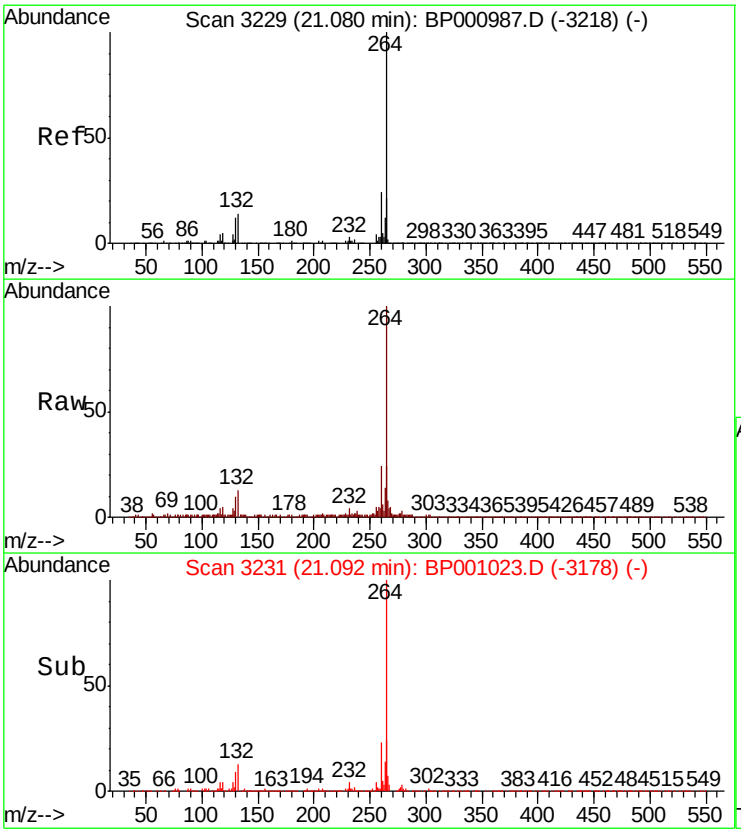
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.273 ng
RT: 22.57 min Scan# 3483
Delta R.T. -0.18 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 288001

Ion	Ratio	Lower	Upper
276	100		
138	19.7	17.6	26.4
277	27.4	20.2	30.4

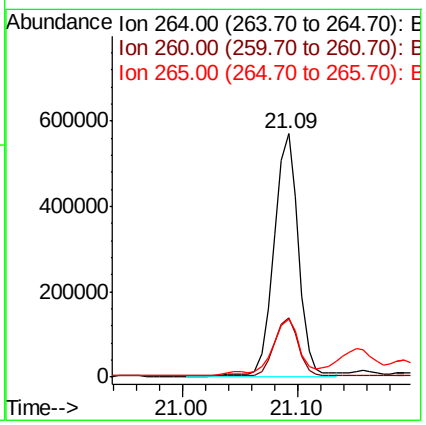


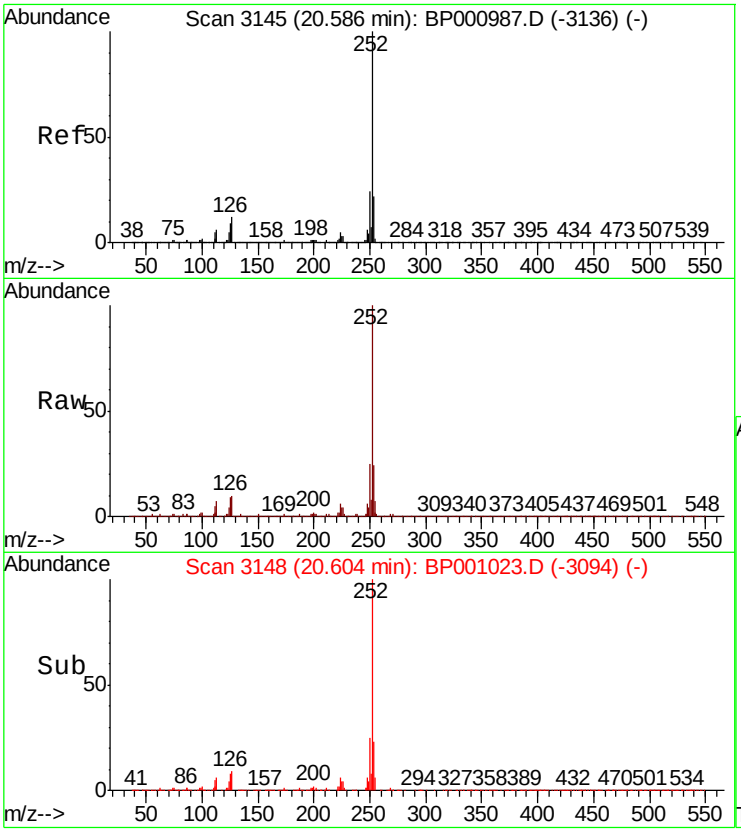


#87
Perylene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3231
Delta R.T. 0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:264 Resp: 834071

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	24.1	17.1	25.7



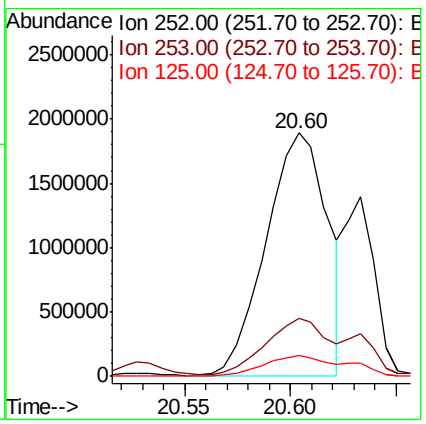


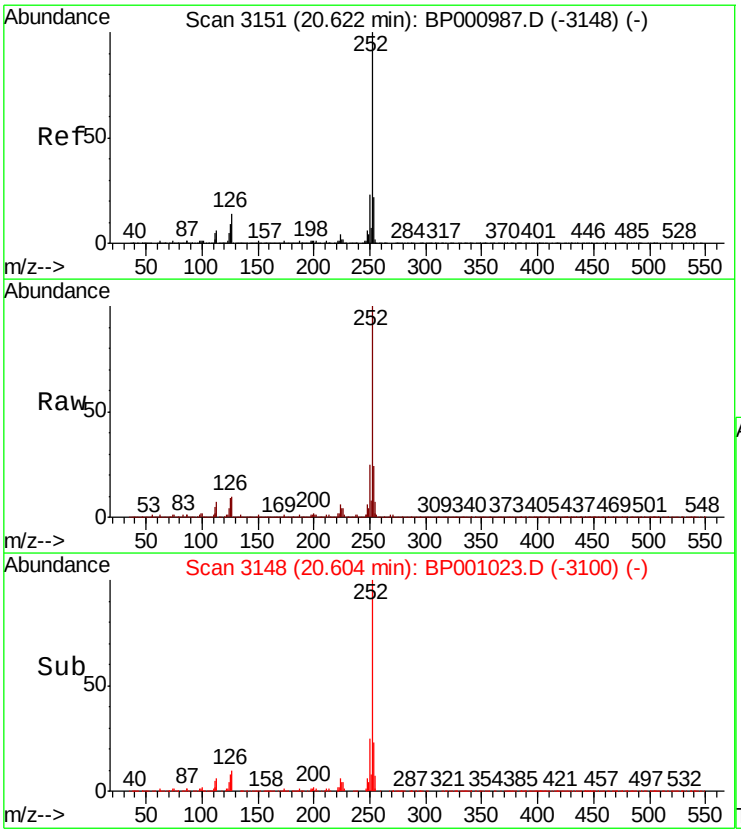
#88
Benzo(b)fluoranthene
Concen: 76.541 ng
RT: 20.60 min Scan# 3148
Delta R.T. 0.02 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 3805460

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	8.7	7.3	10.9

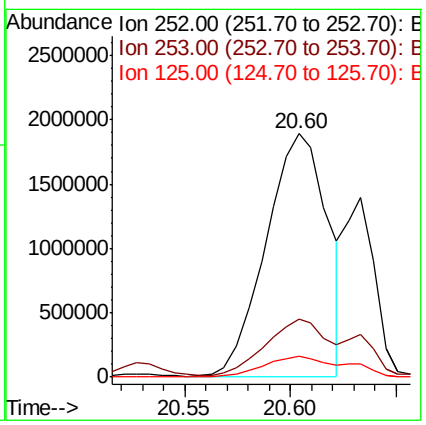


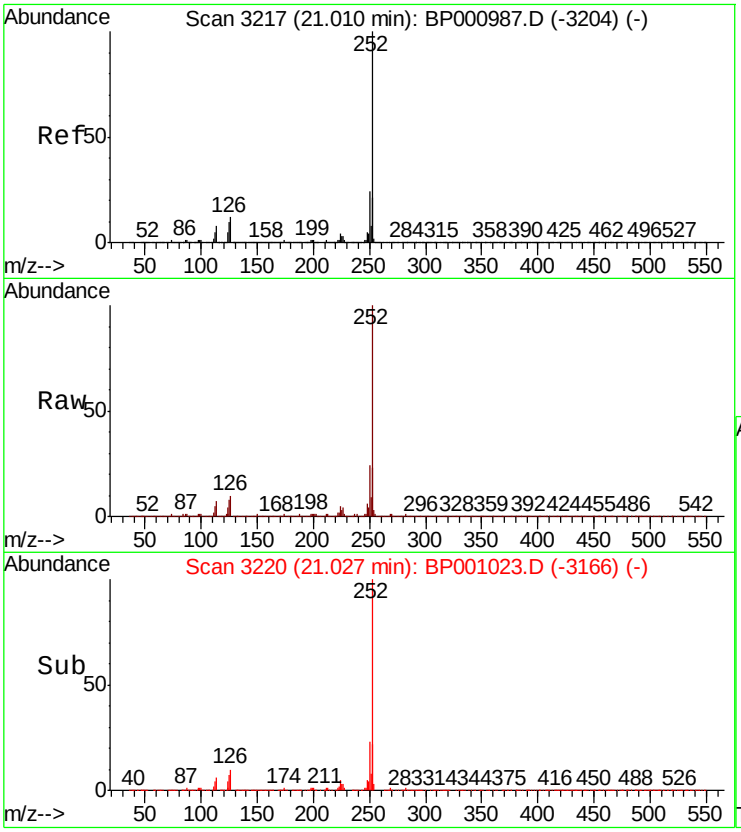


#89
Benzo(k)fluoranthene
Concen: 81.312 ng
RT: 20.60 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:252 Resp: 3805460

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	8.7	7.3	10.9



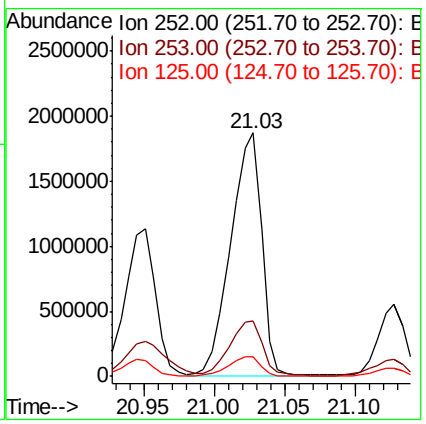


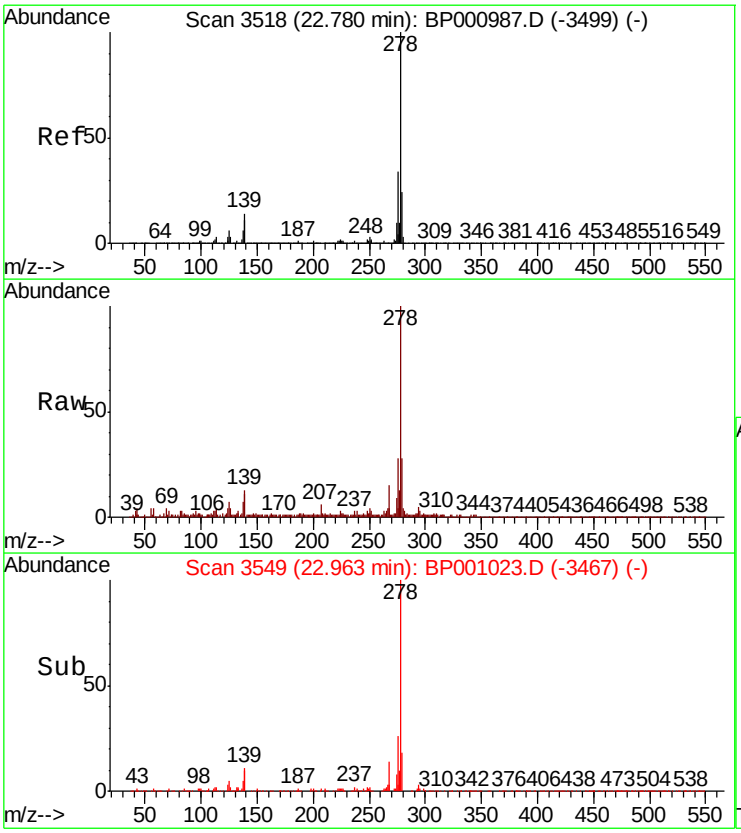
#90
Benzo(a)pyrene
Concen: 62.152 ng
RT: 21.03 min Scan# 3220
Delta R.T. 0.02 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 2841396

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	7.9	7.6	11.4

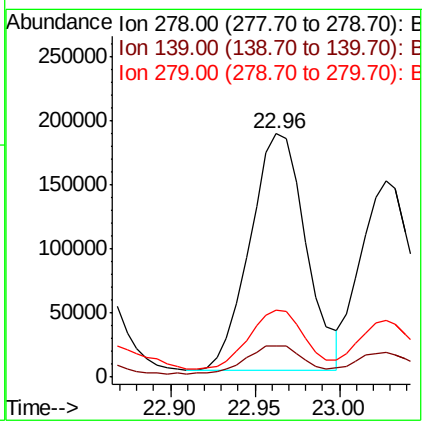


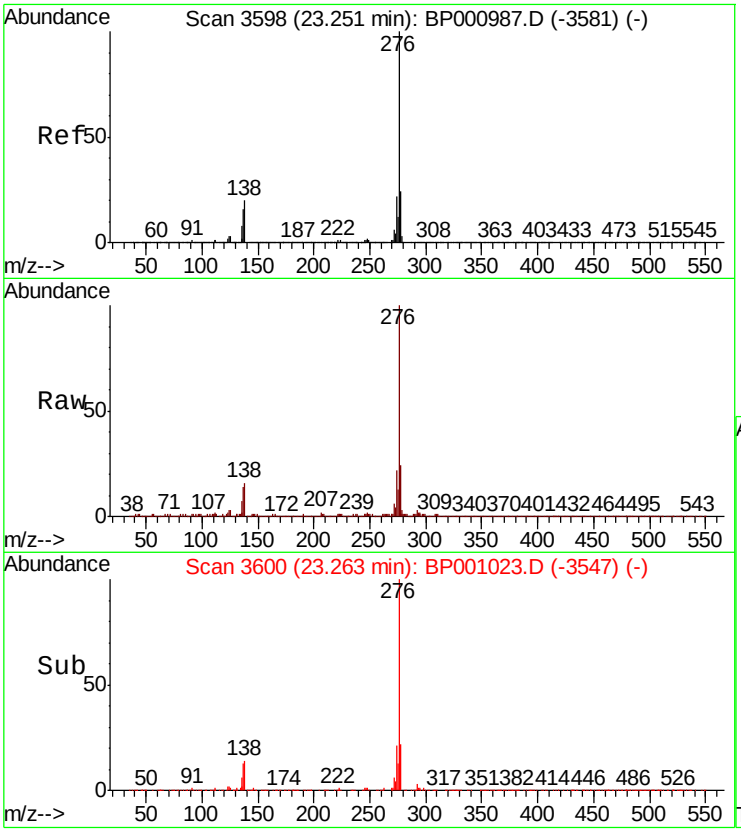


#91
Dibenzo(a,h)anthracene
Concen: 9.119 ng
RT: 22.96 min Scan# 3549
Delta R.T. 0.18 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Tgt Ion:278 Resp: 425501

Ion	Ratio	Lower	Upper
278	100		
139	12.8	11.3	16.9
279	27.7	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 25.593 ng
RT: 23.26 min Scan# 3600
Delta R.T. 0.01 min
Lab File: BP001023.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 1202462

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.4
138	16.1	15.7	23.5