Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000430.D
Acq On : 26 Sep 2019 18:23
Operator : JU
Sample : K5038-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 27 00:13:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	241572	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	858244	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	224666	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	417848	20.00	ng		0.00
76) Chrysene-d12	14.02	240	363011	20.00	ng		0.02
87) Perylene-d12	15.51	264	548696	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1467725	104.89	ng		0.02
7) Phenol-d6	6.44	99	1864703	108.71	ng		0.02
23) Nitrobenzene-d5	7.35	82	1032912	77.65	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	326940	146.72	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1213135	97.18	ng		0.00
79) Terphenyl-d14	12.94	244	1425509	82.38	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.34	77	1850	Below Cal		#	89
10) Phenol	6.45	94	74030	3.799	ng		86
19) n-Nitroso-di-n-propylamine	7.35	70	128203	14.136	ng	#	73
25) Isophorone	7.35	82	1032340	39.193	ng	#	63
31) Naphthalene	8.09	128	94393	2.375	ng		99
49) Acenaphthylene	9.69	152	57866	2.953	ng		99
50) Dimethylphthalate	9.55	163	191741	12.527	ng		100
52) Acenaphthene	9.86	154	79612	6.437	ng		99
55) Dibenzofuran	10.04	168	118074	6.754	ng		96
56) 4-Nitrophenol	10.04	139	47842	16.465	ng	#	15
58) Fluorene	10.39	166	105012	7.777	ng		99
67) 4-Bromophenyl-phenylether	10.63	248	21459	4.542	ng	#	1
69) Atrazine	11.03	200	333	Below Cal		#	11
71) Phenanthrene	11.36	178	2630331	125.616	ng		99
72) Anthracene	11.41	178	818086	37.956	ng		99
73) Carbazole	11.56	167	174535	8.992	ng		98
75) Fluoranthene	12.57	202	3830214	170.349	ng		94
78) Pyrene	12.80	202	3528256	129.910	ng		98
81) Benzo(a)anthracene	14.00	228	1838250	80.166	ng		98
83) Chrysene	14.05	228	1520226	67.522	ng		97
86) Indeno(1,2,3-cd)pyrene	16.84	276	313780	11.434	ng		95
88) Benzo(b)fluoranthene	15.08	252	2897278	88.512	ng	#	96
89) Benzo(k)fluoranthene	15.08	252	2897278	101.470	ng	#	96
90) Benzo(a)pyrene	15.39	252	1203047	40.392	ng		98
91) Dibenzo(a,h)anthracene	17.18	278	260097	9.366	ng		94
92) Benzo(g,h,i)perylene	17.46	276	996278	34.904	ng	#	93

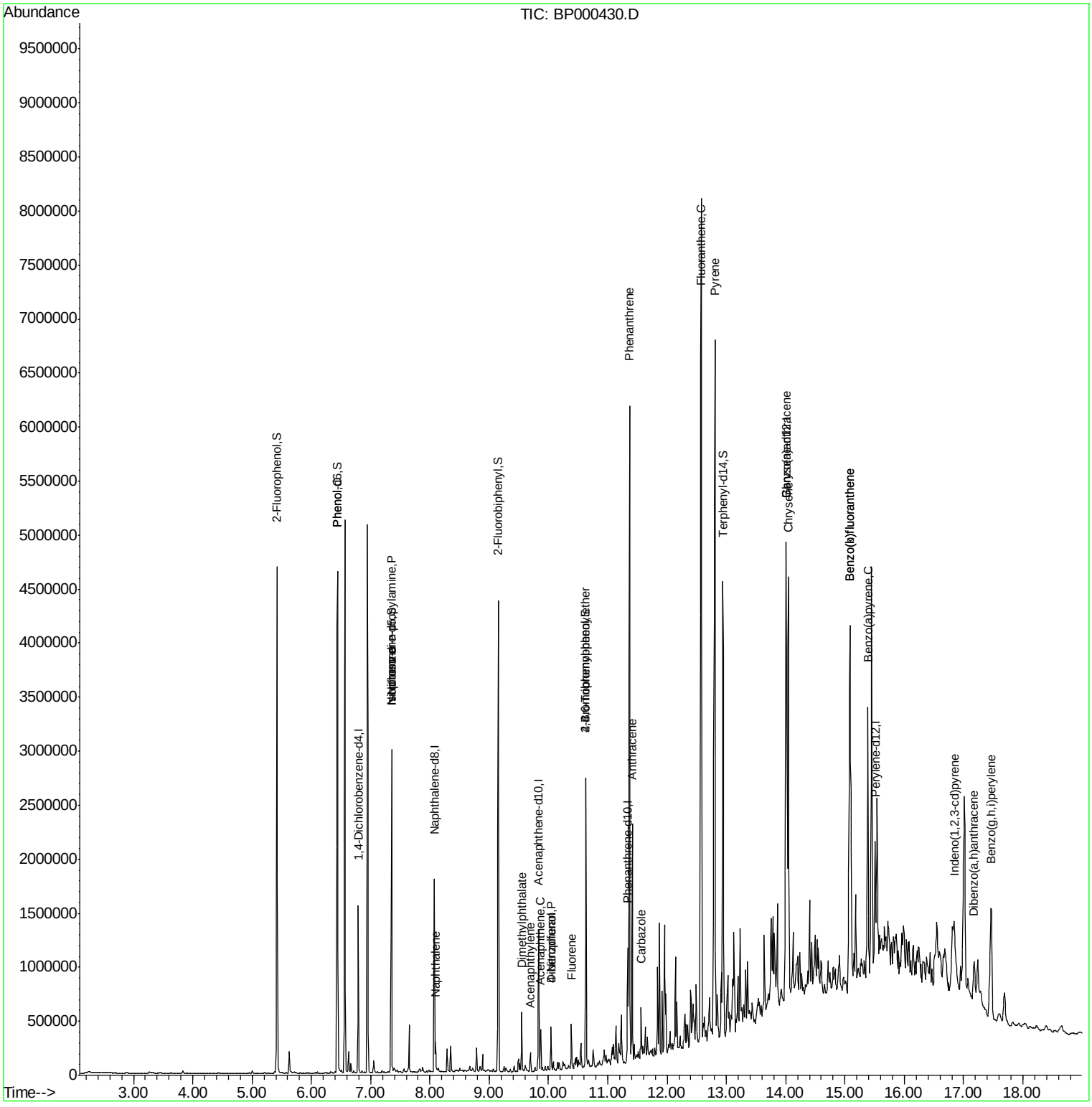
(#) = qualifier out of range (m) = manual integration (+) = signals summed

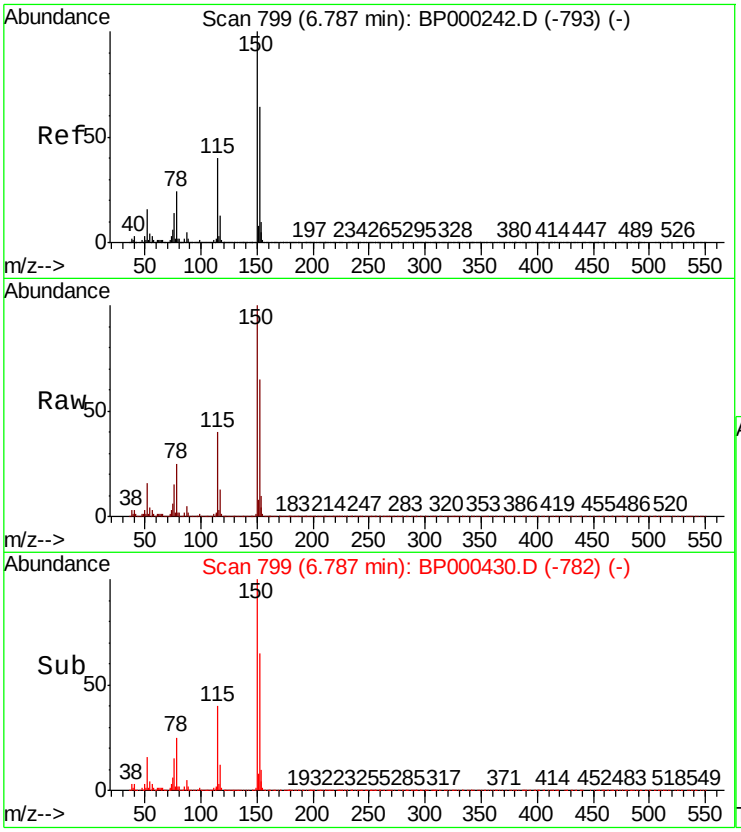
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000430.D
Acq On : 26 Sep 2019 18:23
Operator : JU
Sample : K5038-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 27 00:13:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration



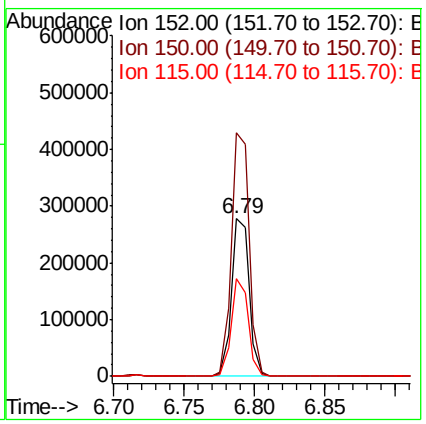


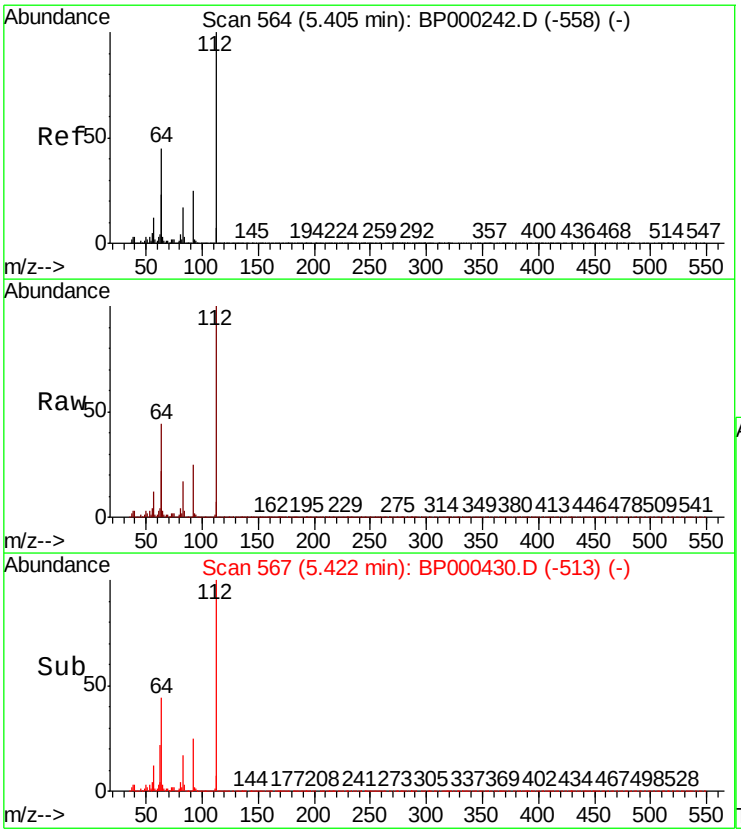
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 241572

Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.2	187.8
115	62.5	49.7	74.5

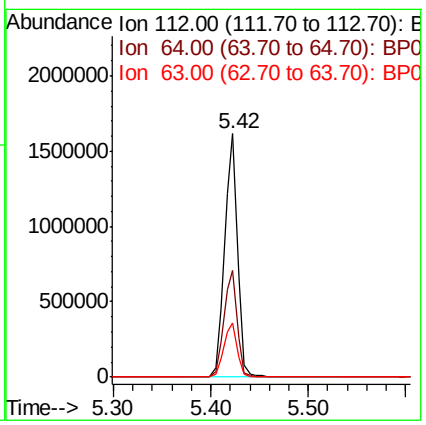


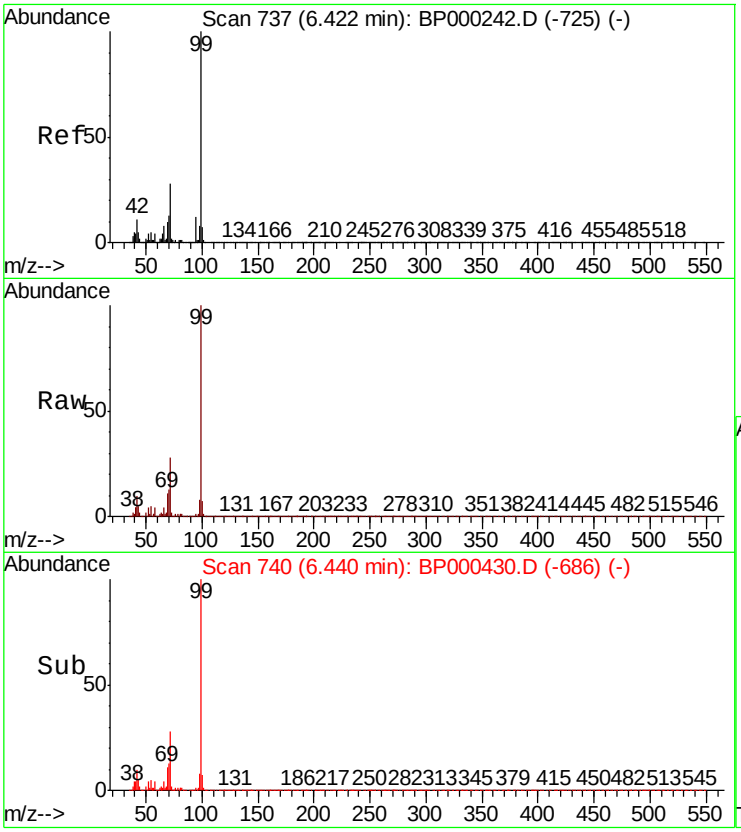


#5
2-Fluorophenol
Concen: 104.888 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Tgt Ion:112 Resp: 1467725

Ion	Ratio	Lower	Upper
112	100		
64	43.7	36.2	54.4
63	22.4	18.3	27.5



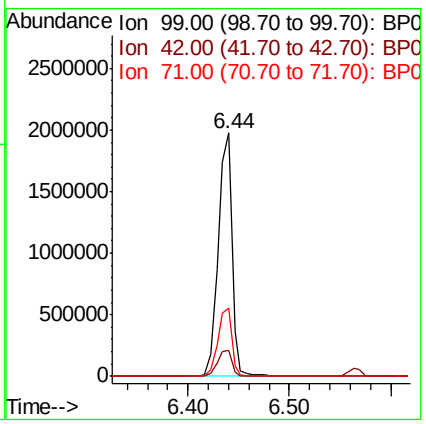


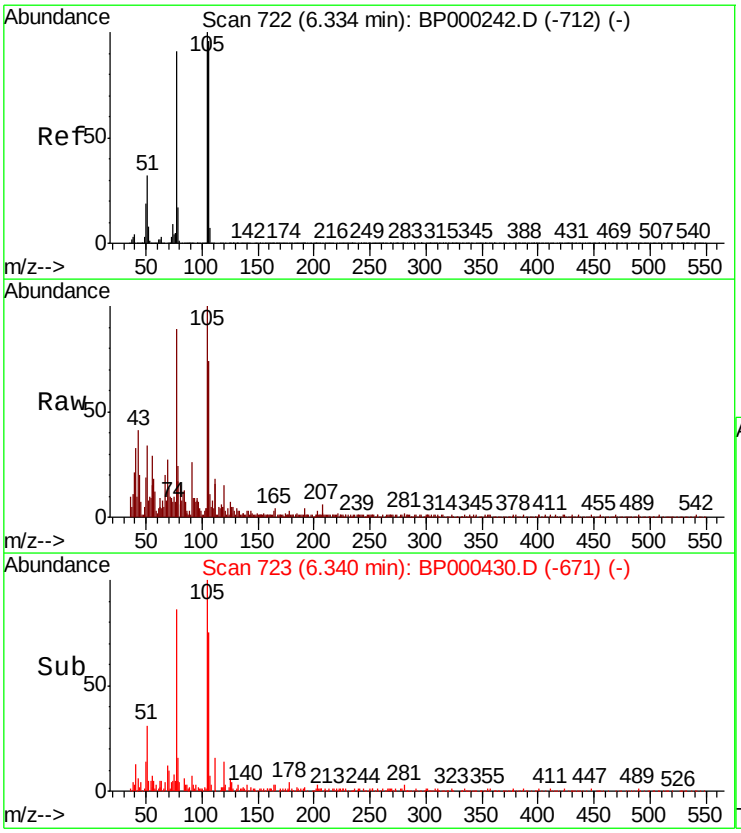
#7
Phenol-d6
Concen: 108.712 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.02 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1864703

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.5	12.7
71	28.3	22.6	34.0

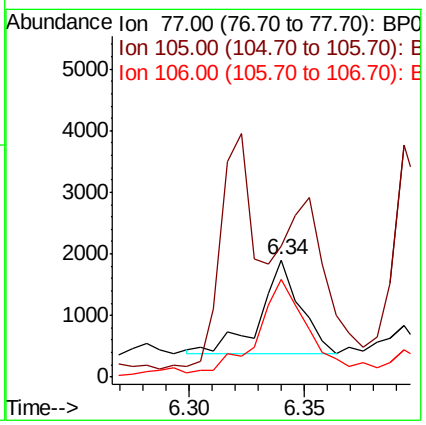


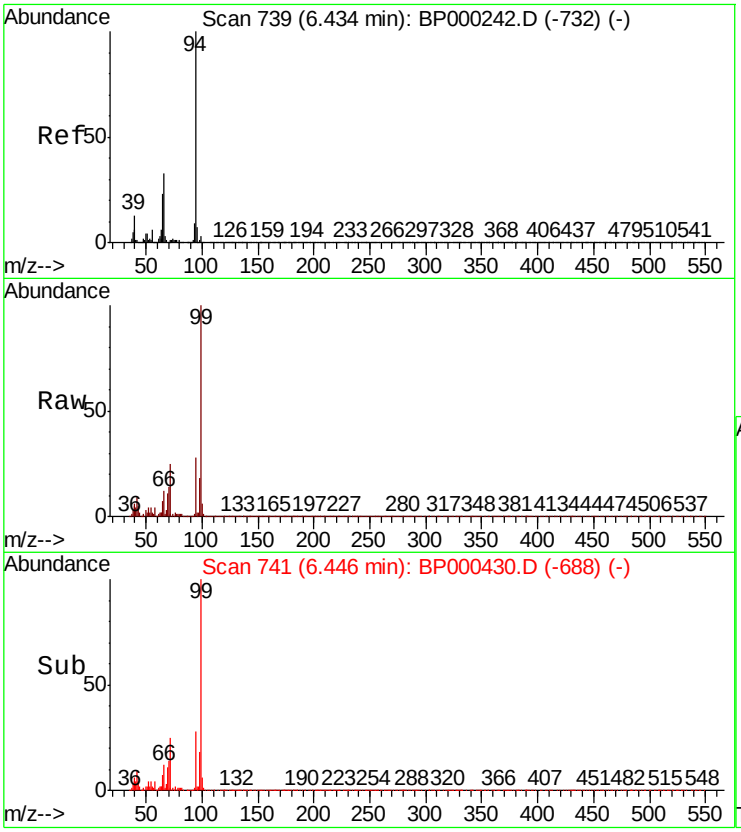


#9
Benzaldehyde
Concen: Below Cal
RT: 6.34 min Scan# 723
Delta R.T. 0.01 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Tgt Ion: 77 Resp: 1850

Ion	Ratio	Lower	Upper
77	100		
105	111.9	89.6	129.6
106	83.0	84.6	124.6#



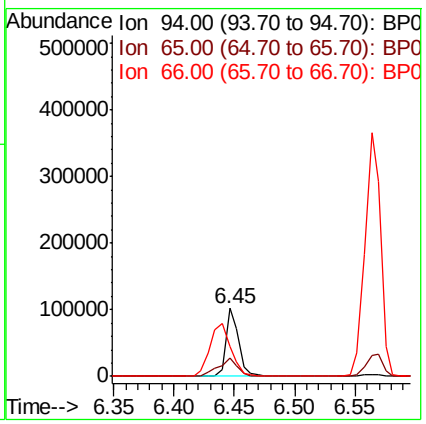


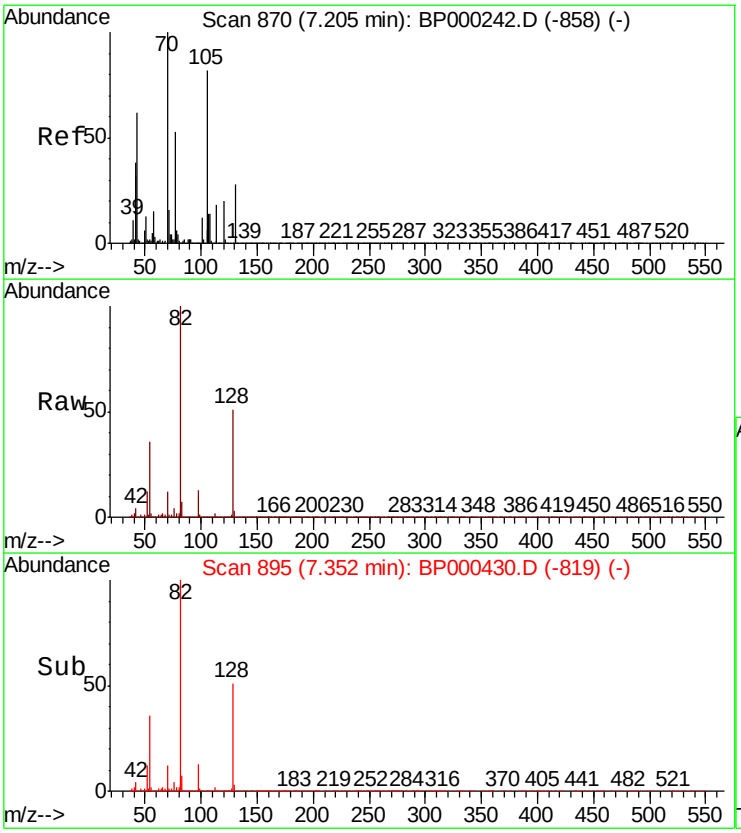
#10
Phenol
Concen: 3.799 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 74030

Ion	Ratio	Lower	Upper
94	100		
65	26.4	3.3	43.3
66	43.6	12.7	52.7

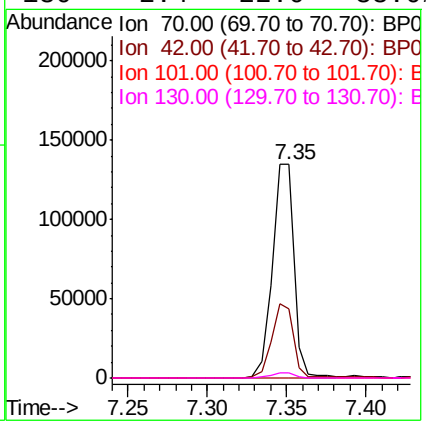


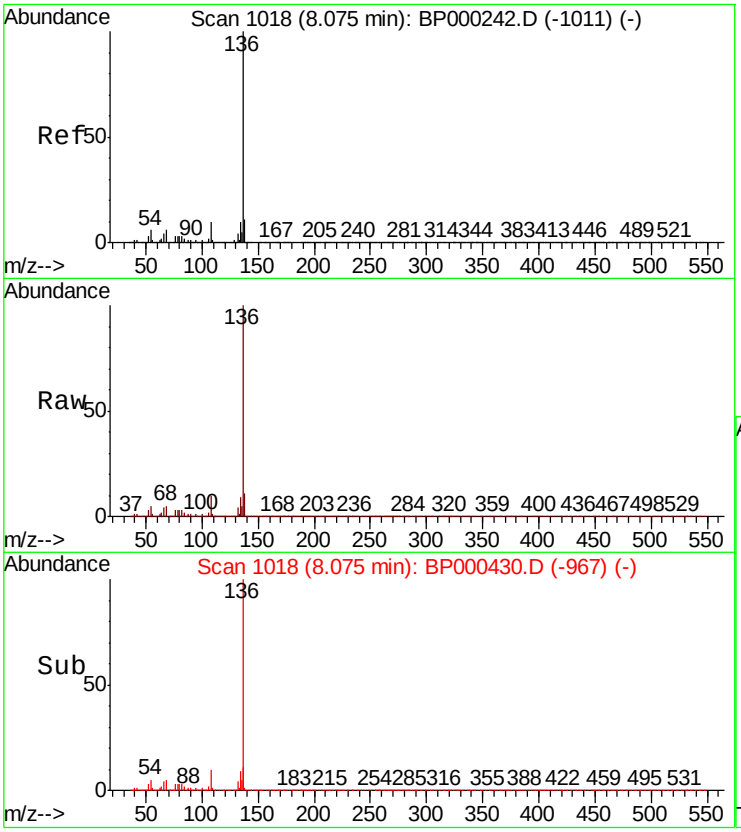


#19
n-Nitroso-di-n-propylamine
Concen: 14.136 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.15 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Tgt Ion: 70 Resp: 128203

Ion	Ratio	Lower	Upper
70	100		
42	32.5	30.7	46.1
101	0.0	9.6	14.4#
130	2.4	22.0	33.0#



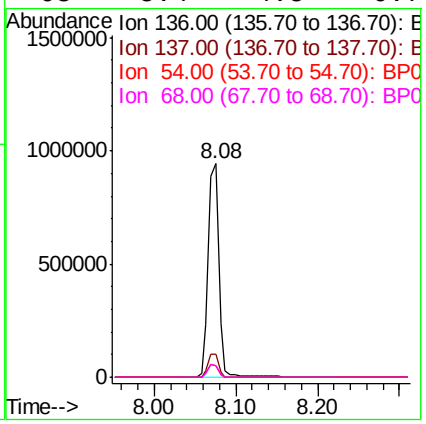


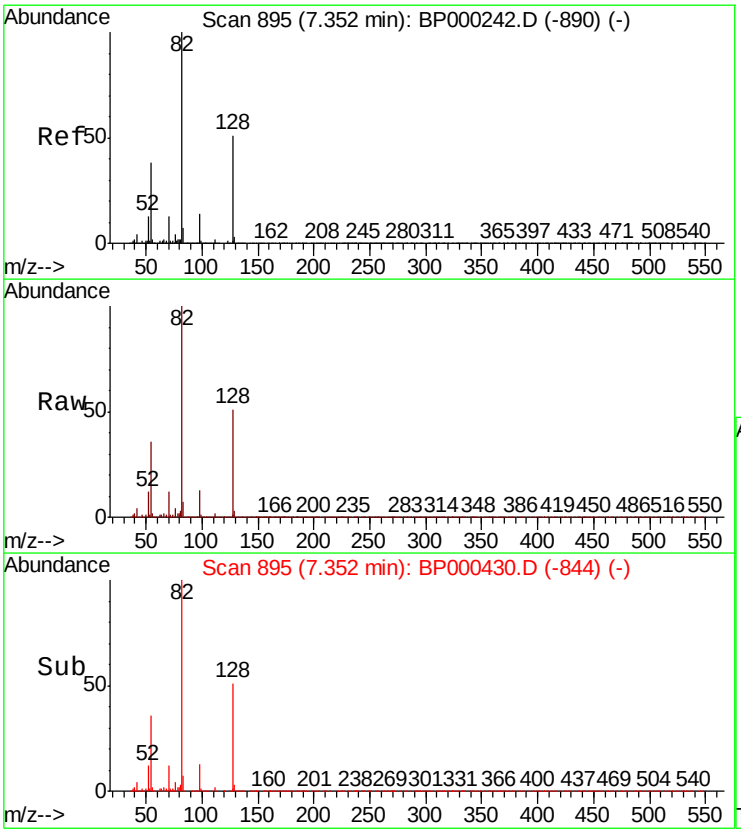
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 858244

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.3	4.5	6.7
68	5.4	4.5	6.7

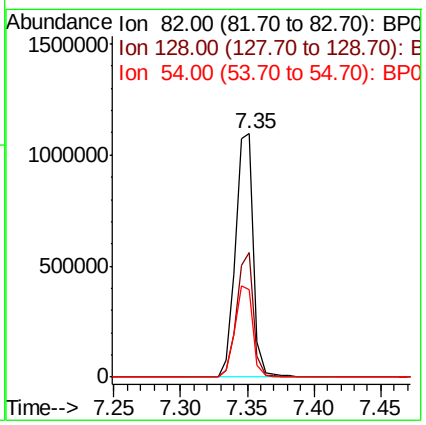


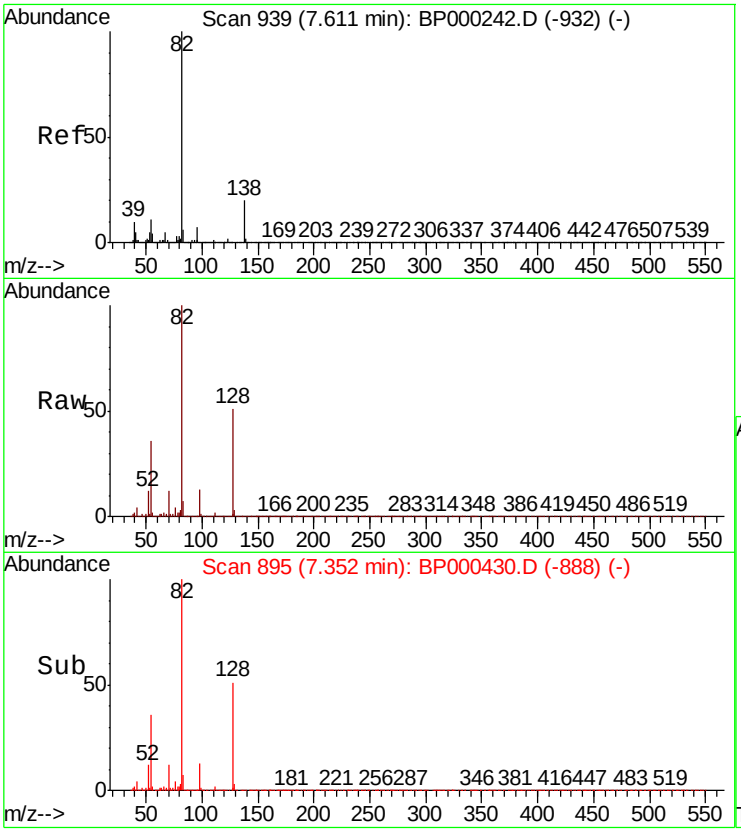


#23
Nitrobenzene-d5
Concen: 77.650 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Tgt Ion: 82 Resp: 1032912

Ion	Ratio	Lower	Upper
82	100		
128	51.4	40.7	61.1
54	35.7	30.1	45.1



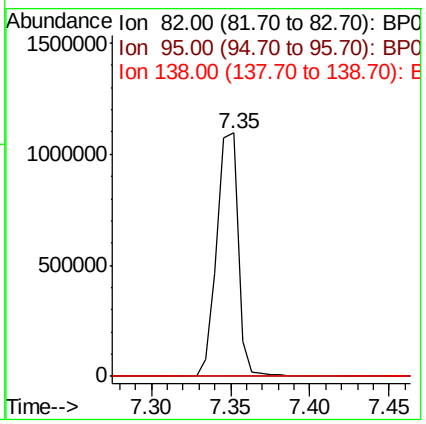


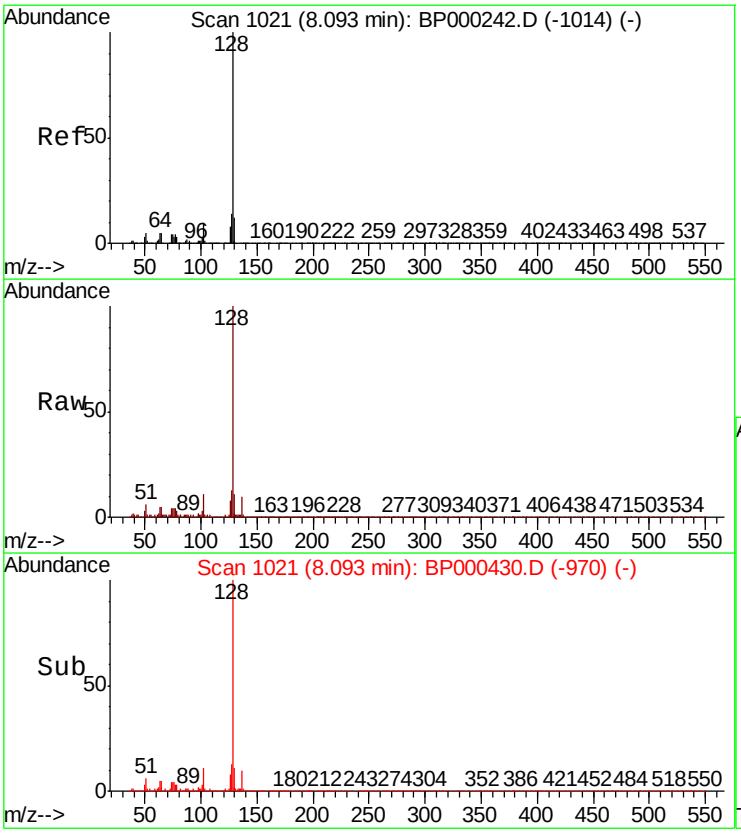
#25
Isophorone
Concen: 39.193 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1032340

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.9	8.9#
138	0.0	15.9	23.9#

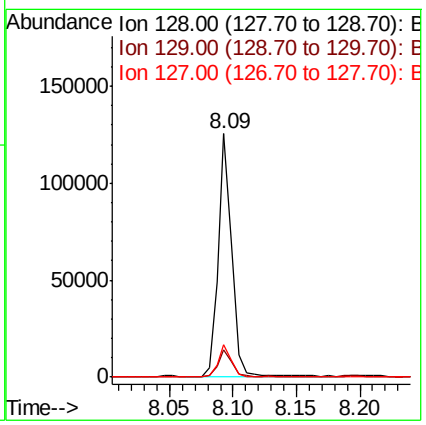


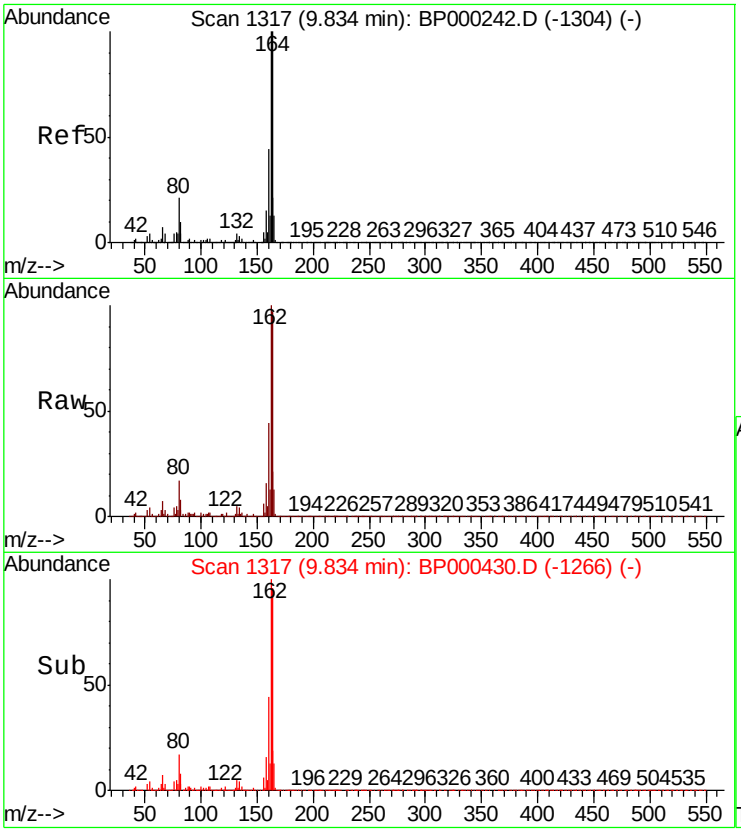


#31
Naphthalene
Concen: 2.375 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Tgt Ion:128 Resp: 94393

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.1	11.0	16.6



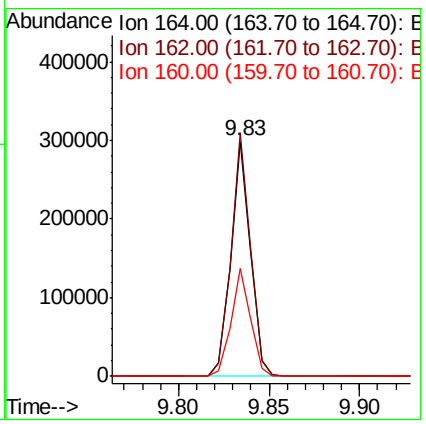


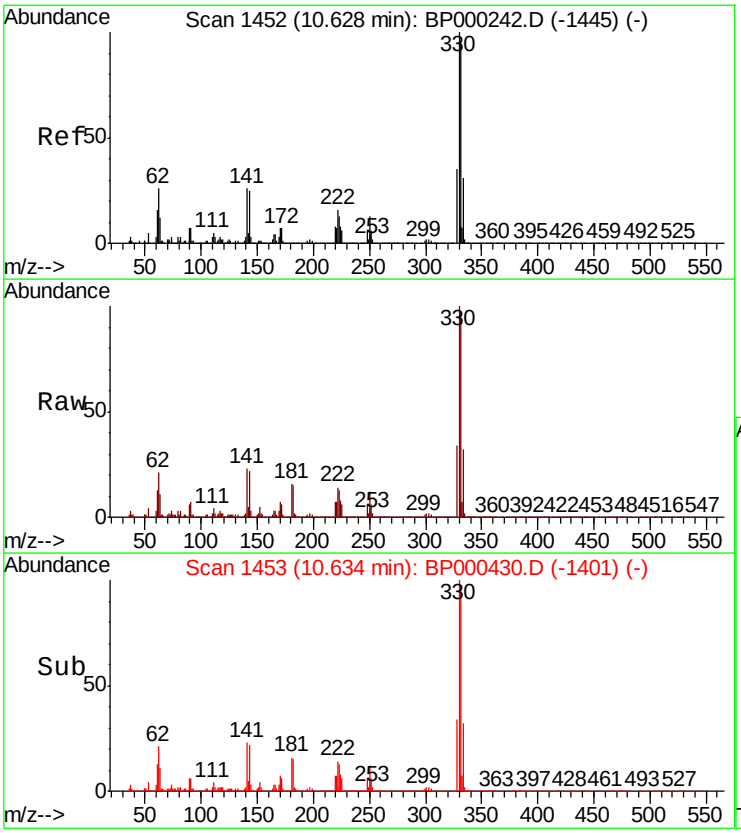
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 224666

Ion	Ratio	Lower	Upper
164	100		
162	103.5	79.9	119.9
160	45.7	35.6	53.4

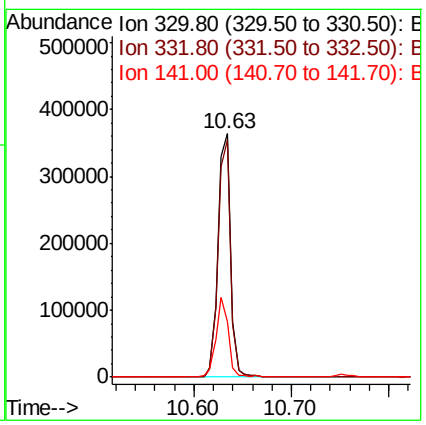


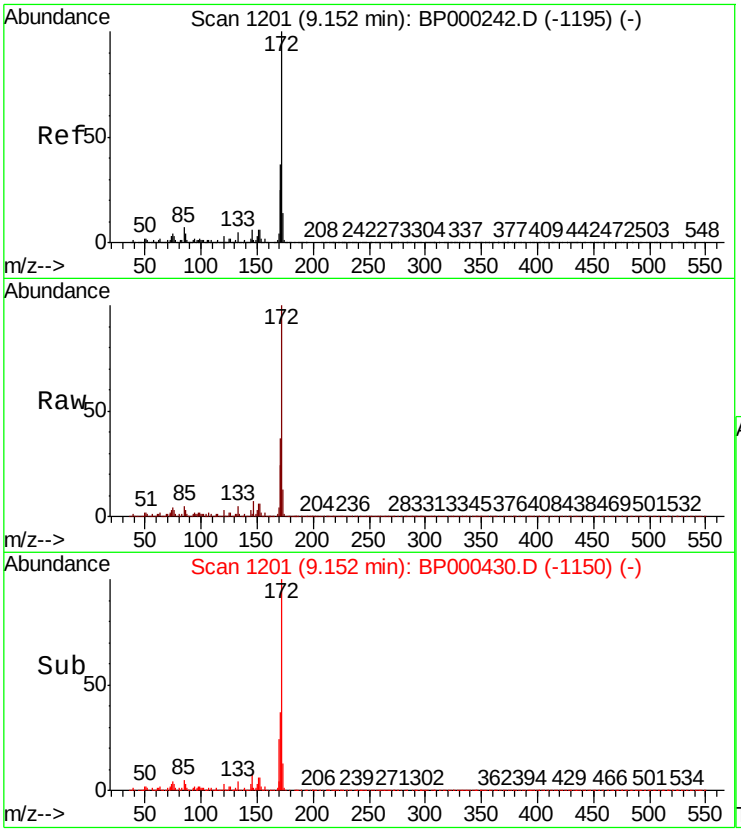


#42
2,4,6-Tribromophenol
Concen: 146.716 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Tgt Ion:330 Resp: 326940

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	30.7	26.5	39.7



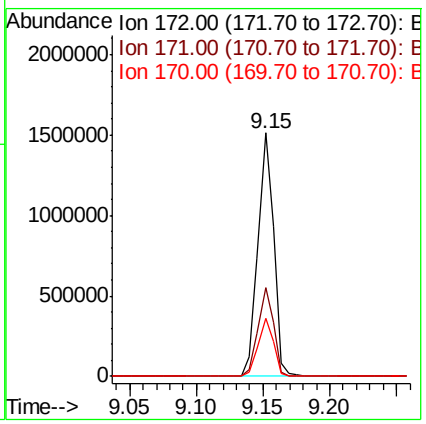


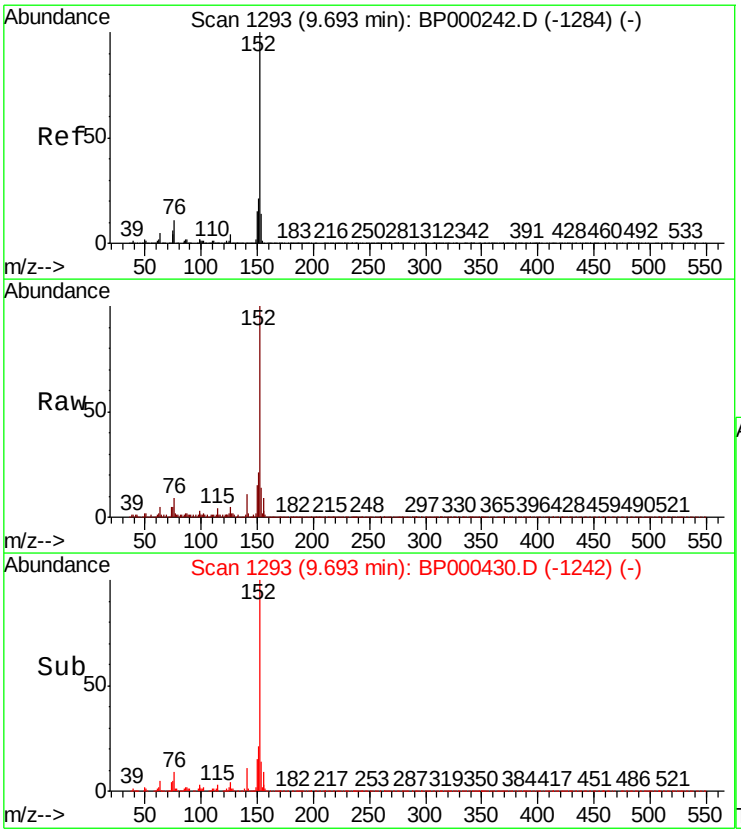
#45
2-Fluorobiphenyl
Concen: 97.185 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 1213135

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	23.9	19.8	29.6

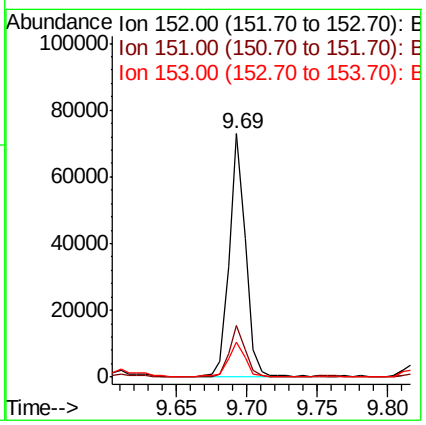


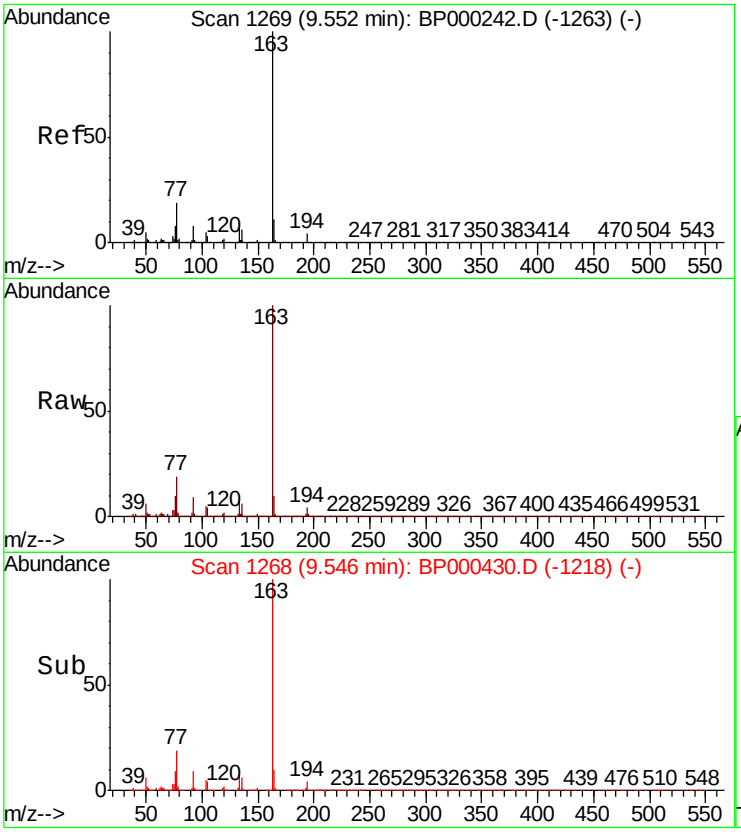


#49
Acenaphthylene
Concen: 2.953 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Tgt Ion:152 Resp: 57866

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.4	24.6
153	14.3	11.0	16.4



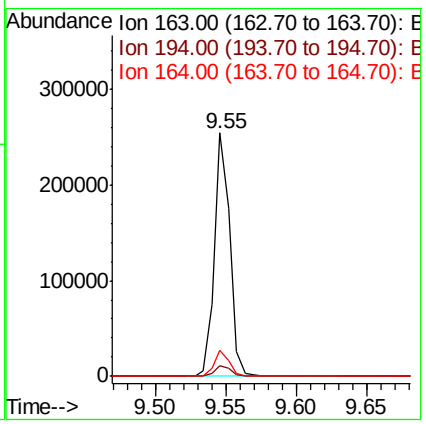


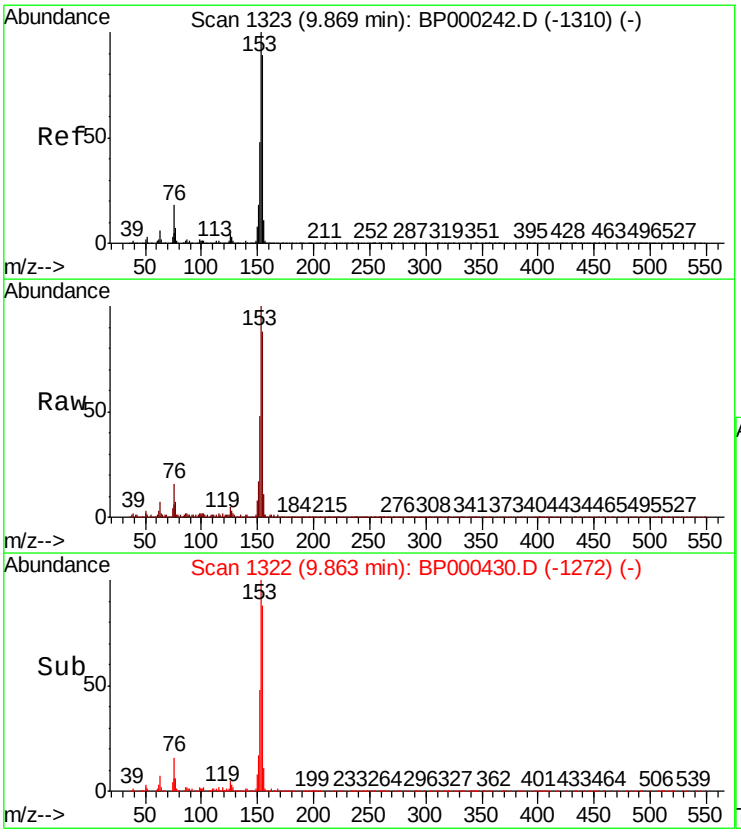
#50
Dimethylphthalate
Concen: 12.527 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 191741

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.5	8.5	12.7

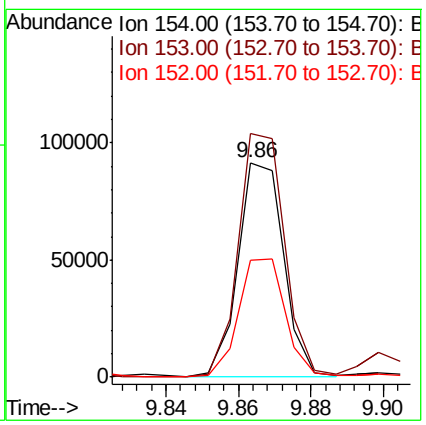


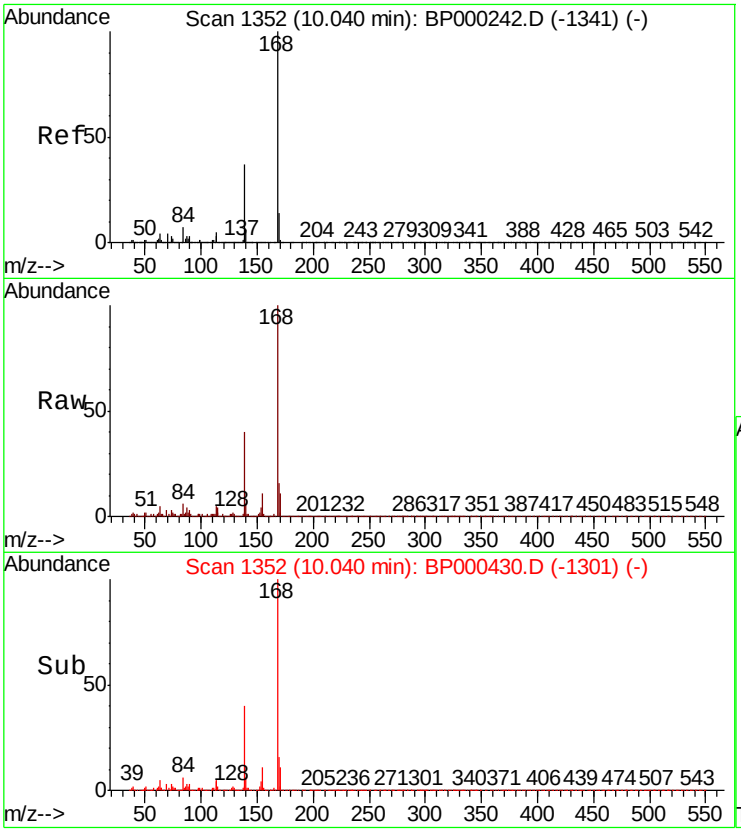


#52
Acenaphthene
Concen: 6.437 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Tgt Ion:154 Resp: 79612

Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.8	134.6
152	54.5	43.4	65.0



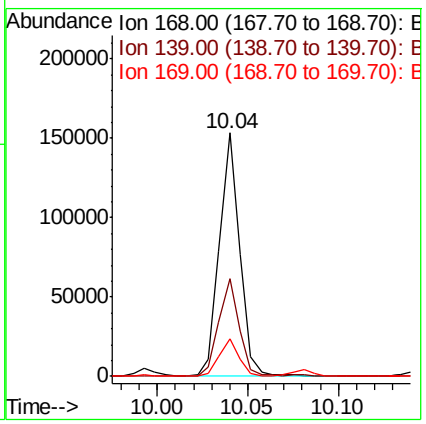


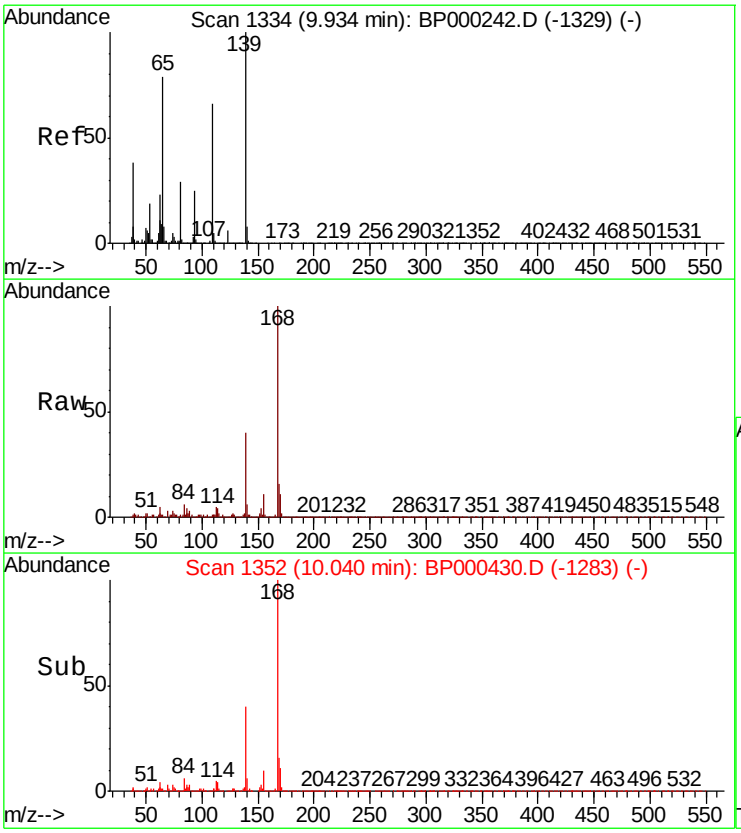
#55
Dibenzofuran
Concen: 6.754 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:168 Resp: 118074

Ion	Ratio	Lower	Upper
168	100		
139	40.0	30.0	45.0
169	15.5	11.0	16.6

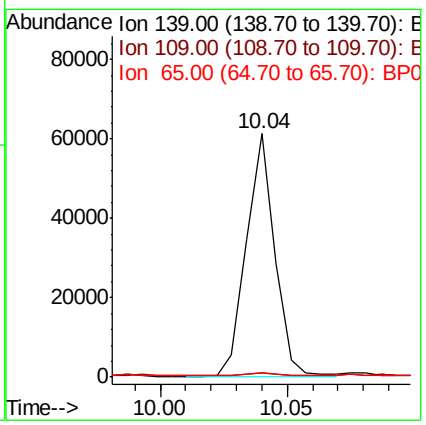


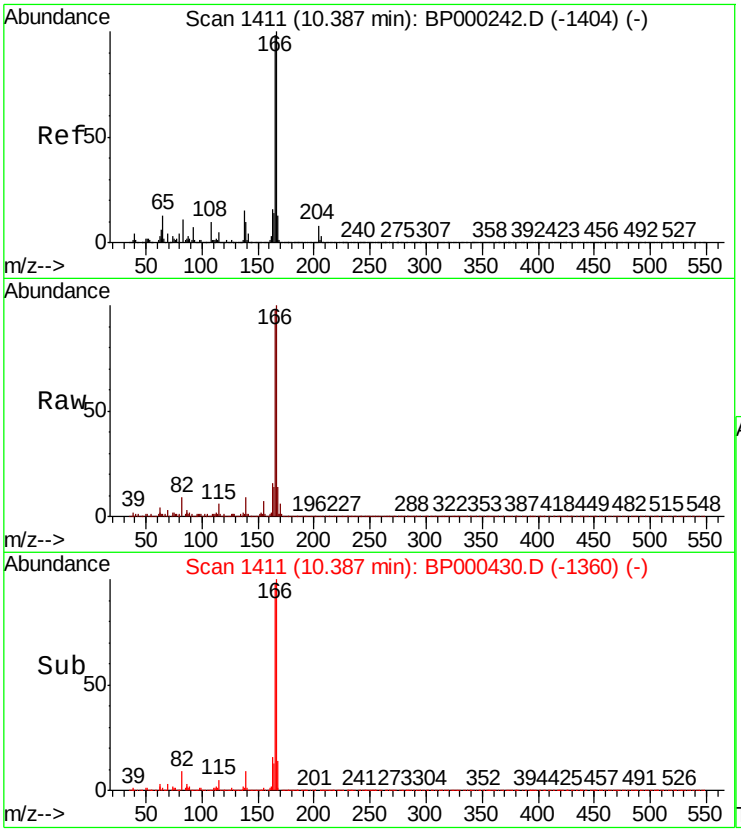


#56
4-Nitrophenol
Concen: 16.465 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.11 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Tgt Ion:139 Resp: 47842

Ion	Ratio	Lower	Upper
139	100		
109	1.6	46.2	86.2#
65	2.0	59.4	99.4#



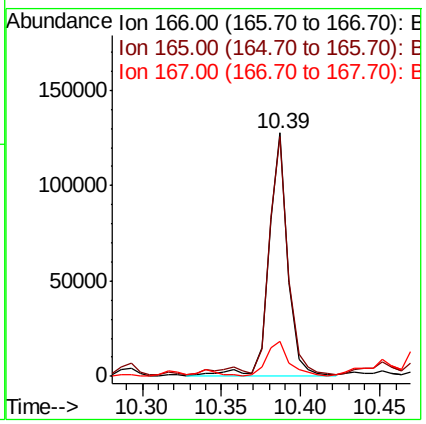


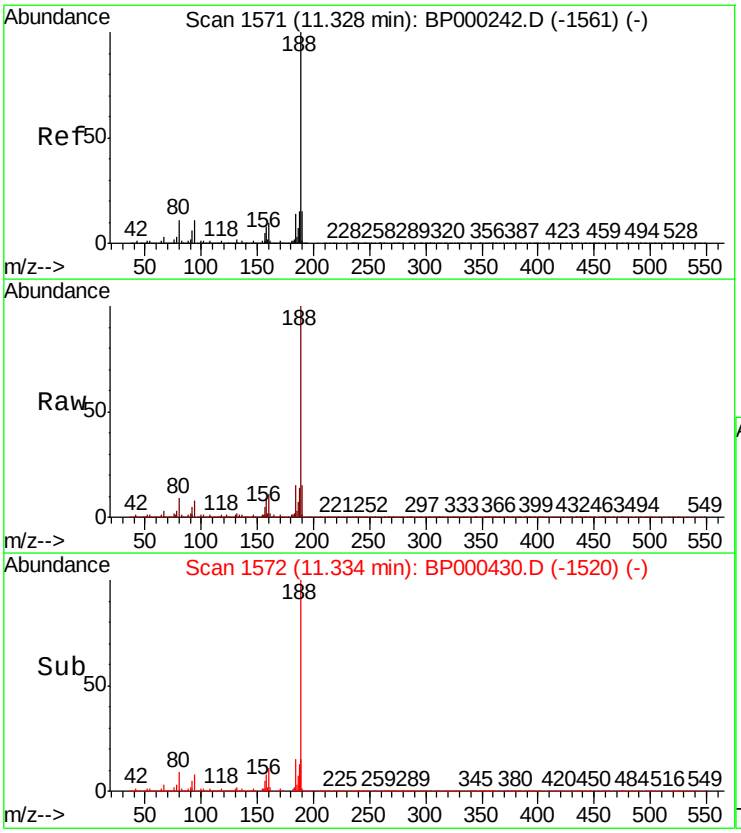
#58
Fluorene
Concen: 7.777 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 105012

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.2	117.2
167	14.2	10.7	16.1

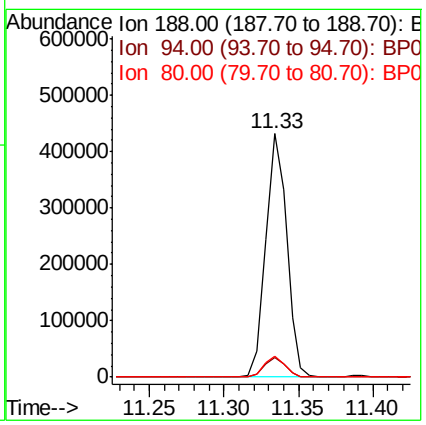


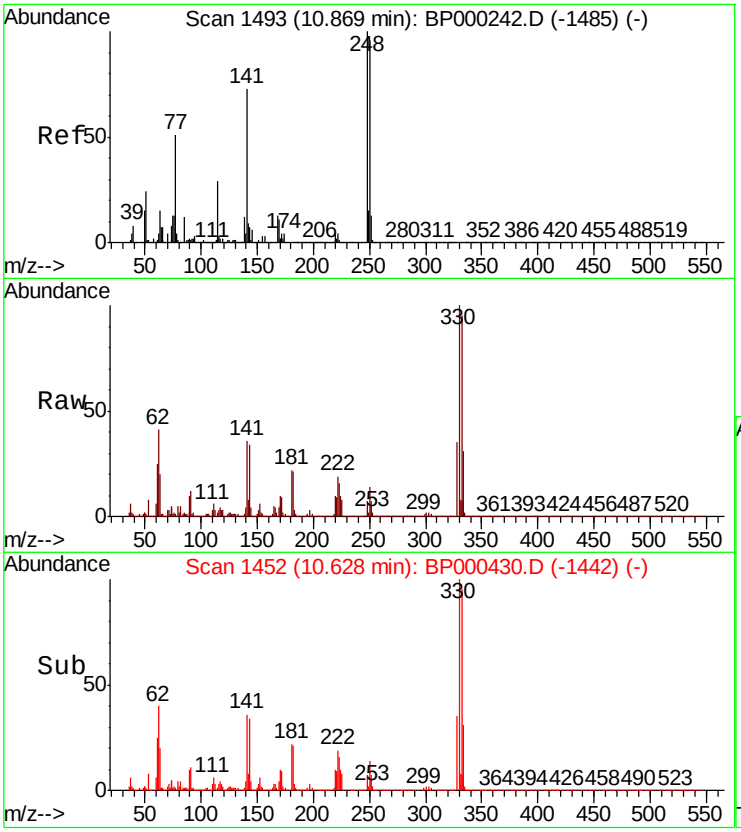


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Tgt Ion:188 Resp: 417848

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.8	8.6	13.0



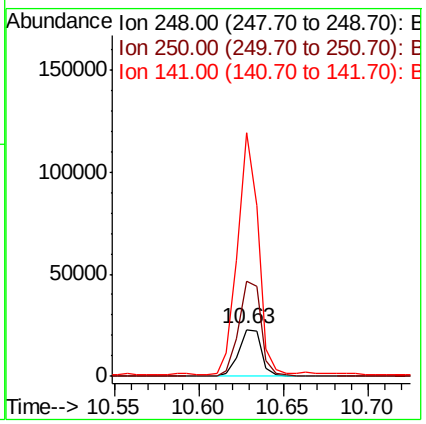


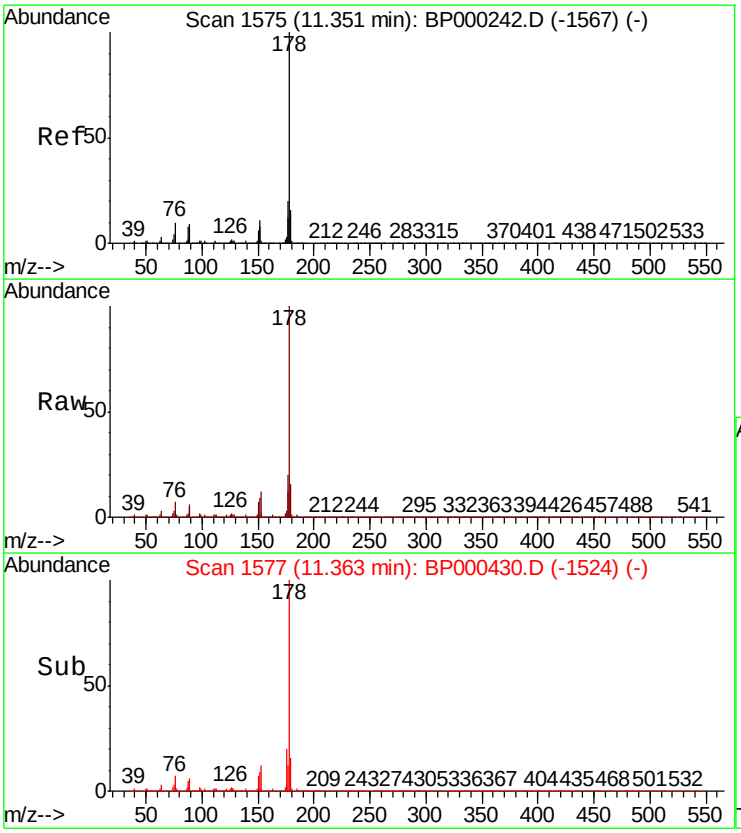
#67
4-Bromophenyl-phenylether
Concen: 4.542 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:248 Resp: 21459

Ion	Ratio	Lower	Upper
248	100		
250	205.2	77.0	115.4#
141	522.3	58.5	87.7#

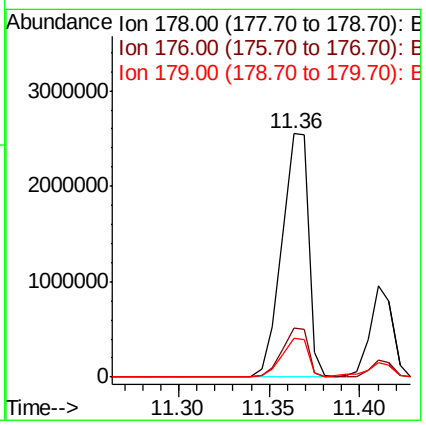


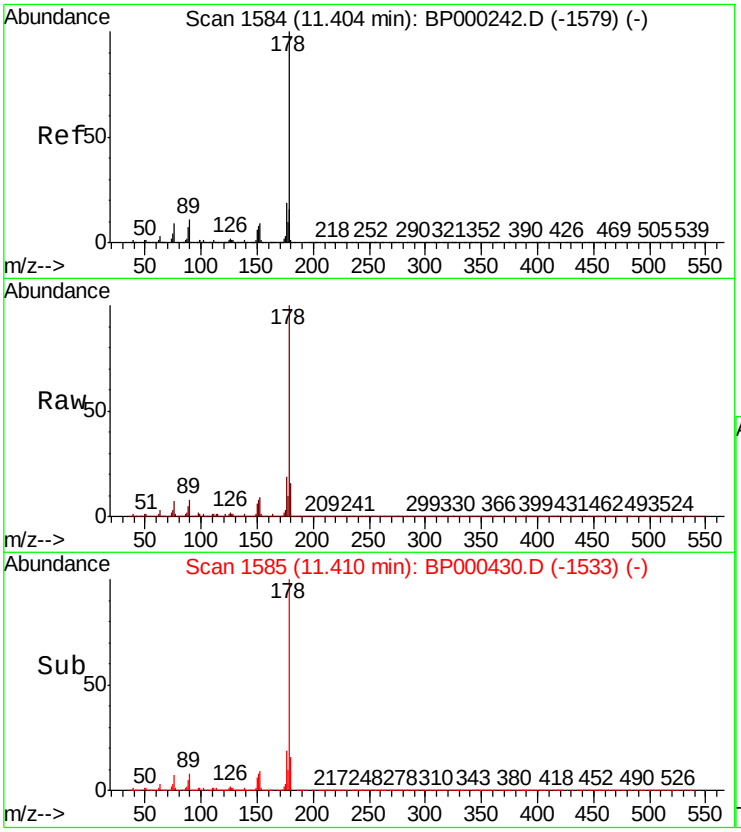


#71
Phenanthrene
Concen: 125.616 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Tgt Ion:178 Resp: 2630331

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	16.1	12.7	19.1



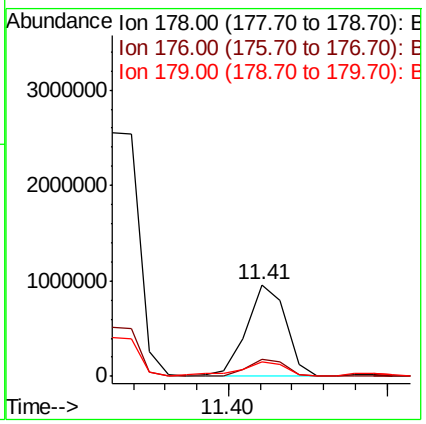


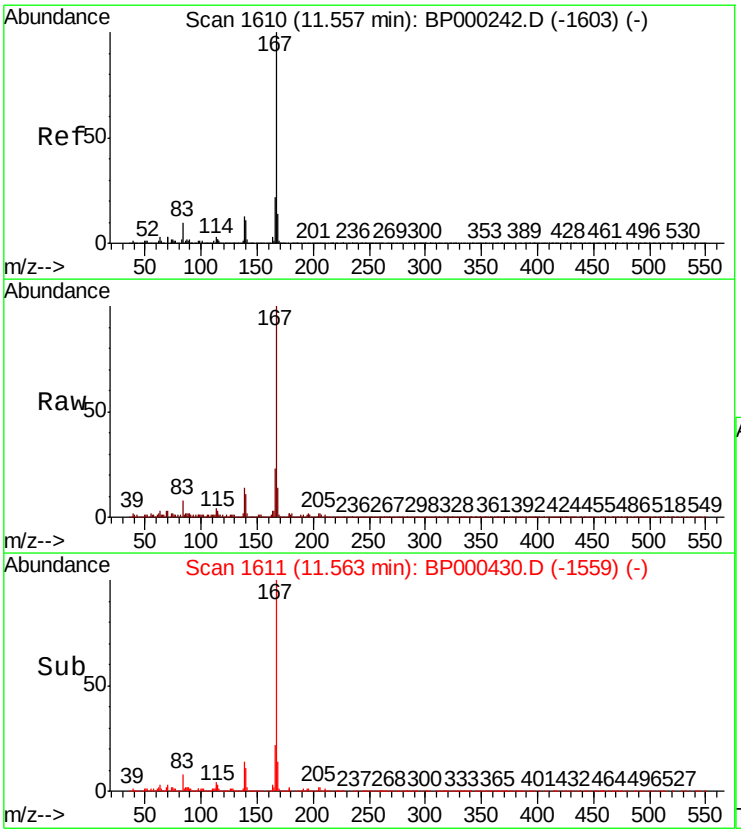
#72
Anthracene
Concen: 37.956 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 818086

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.6	12.7	19.1

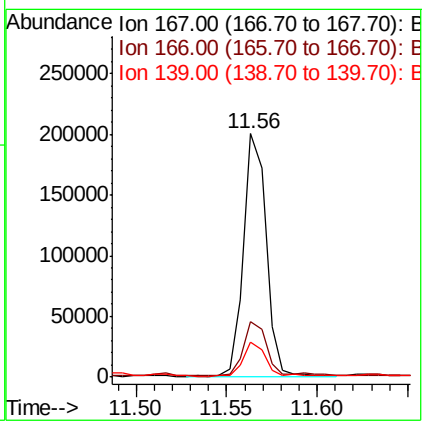


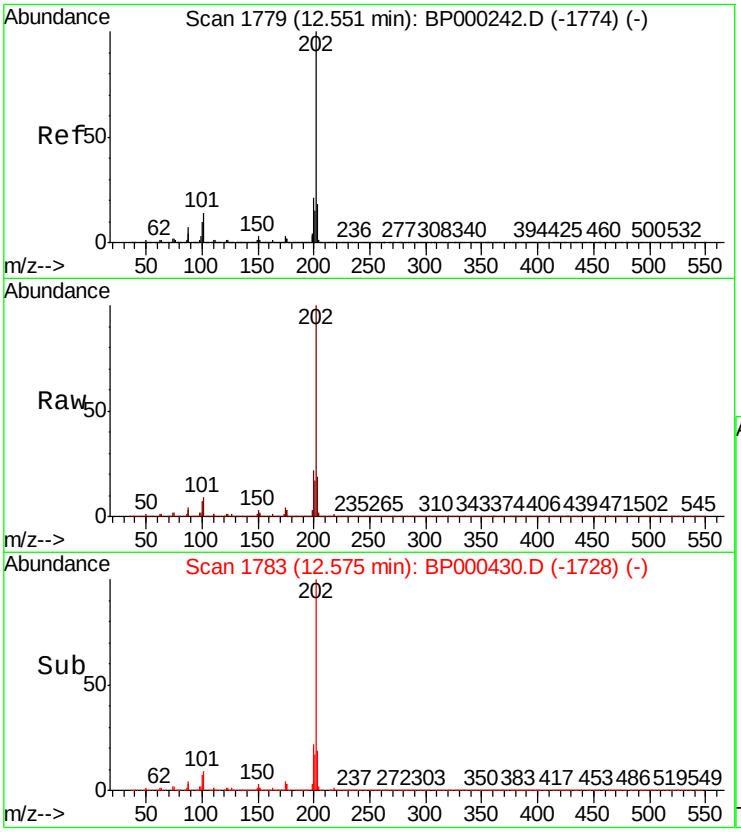


#73
Carbazole
Concen: 8.992 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Tgt Ion:167 Resp: 174535

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.8	26.8
139	14.5	10.8	16.2



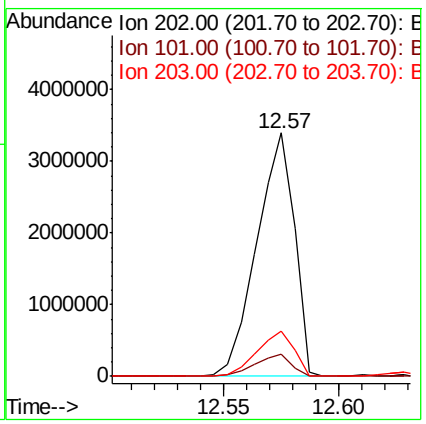


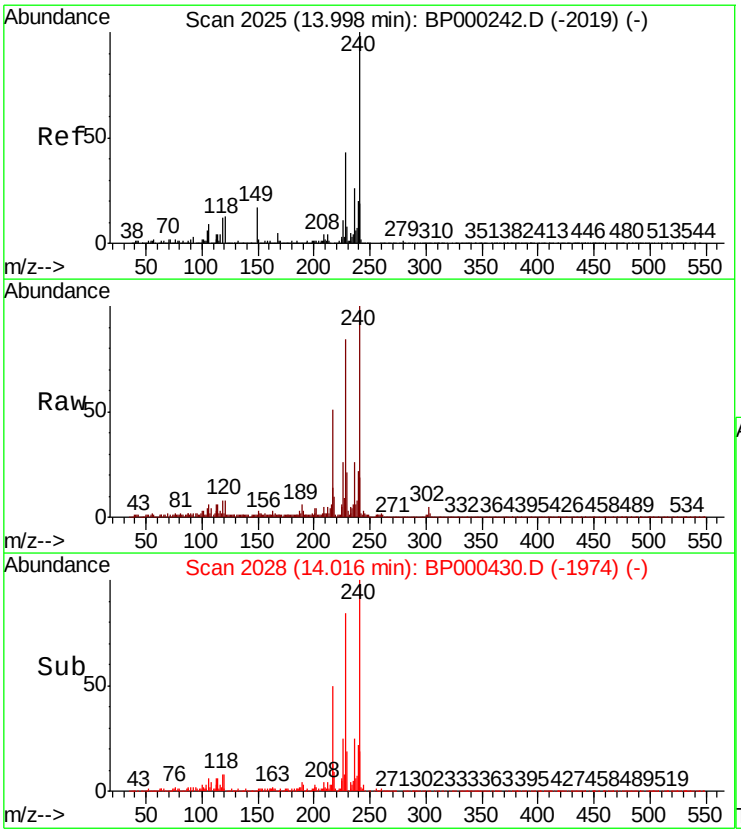
#75
Fluoranthene
Concen: 170.349 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.02 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 3830214

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	33.9
203	18.8	0.0	38.0

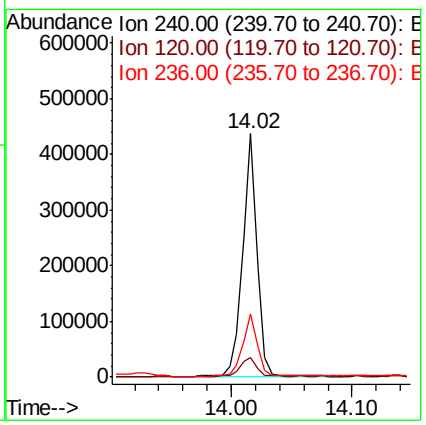


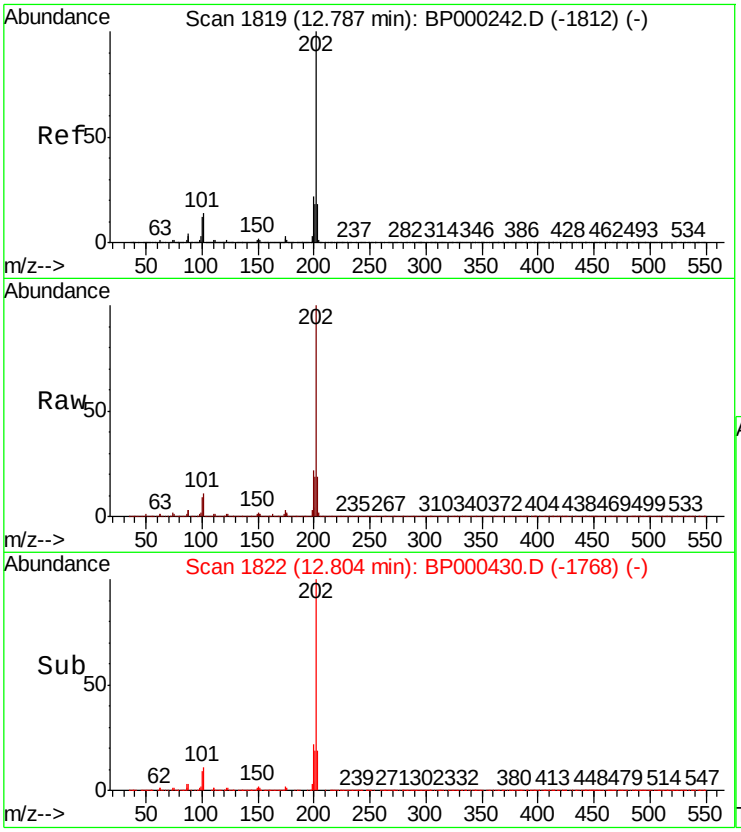


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Tgt Ion:240 Resp: 363011

Ion	Ratio	Lower	Upper
240	100		
120	8.2	10.4	15.6#
236	26.2	21.0	31.6



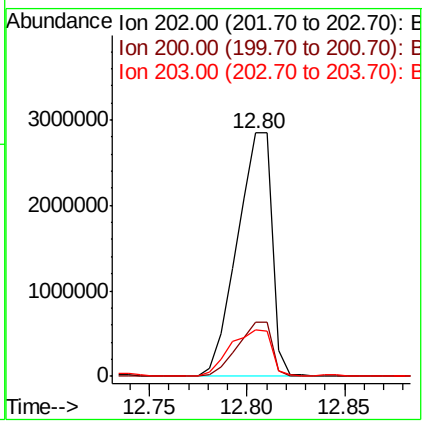


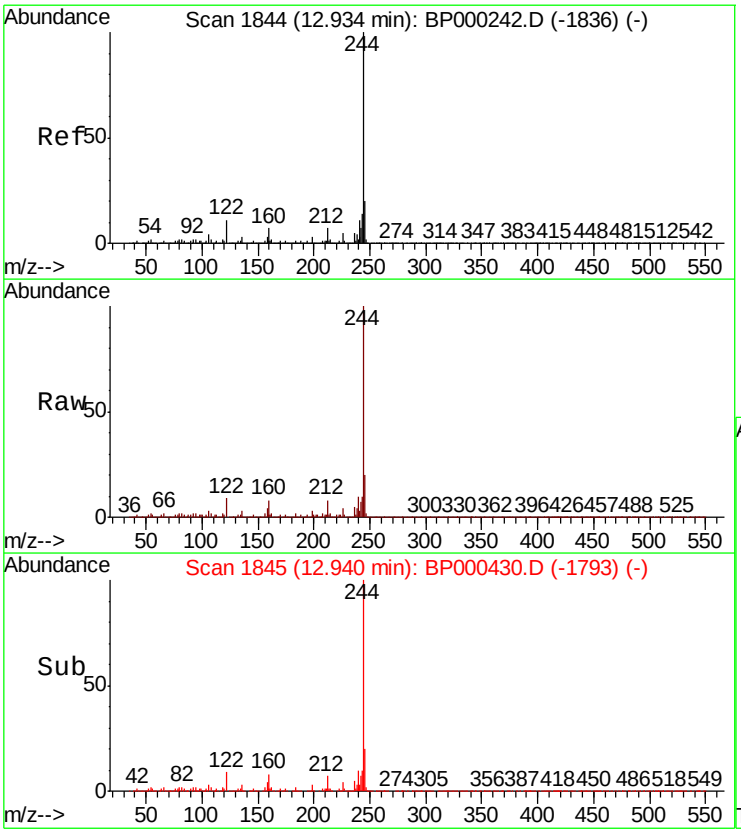
#78
Pyrene
Concen: 129.910 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.02 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 3528256

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.5	26.3
203	19.0	14.3	21.5

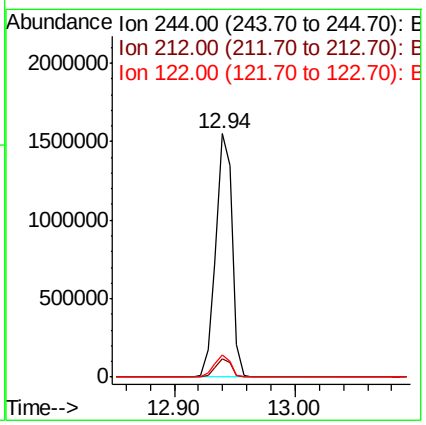


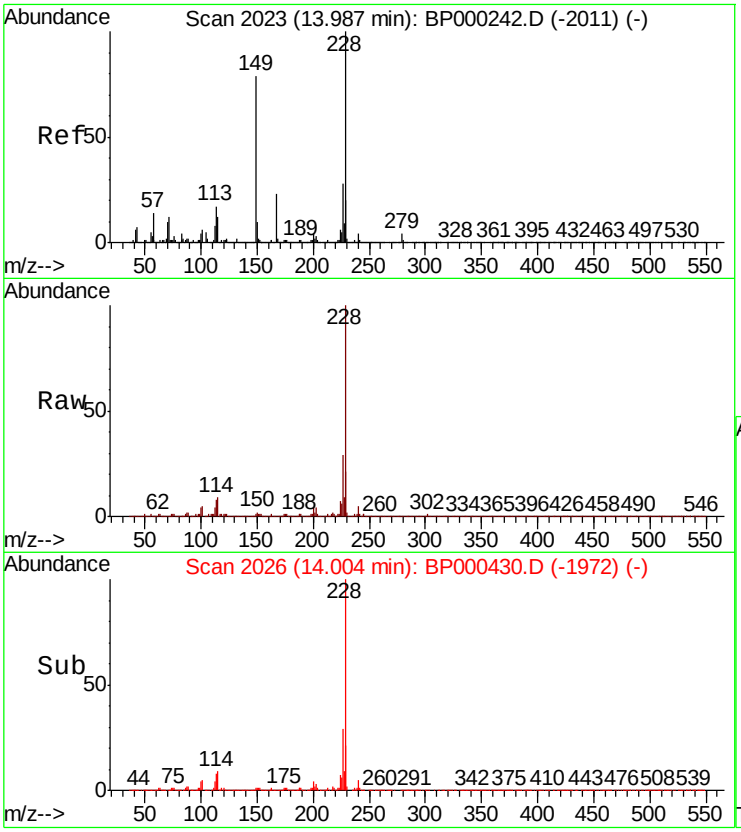


#79
Terphenyl-d14
Concen: 82.380 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Tgt Ion:244 Resp: 1425509

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	9.3	9.0	13.4



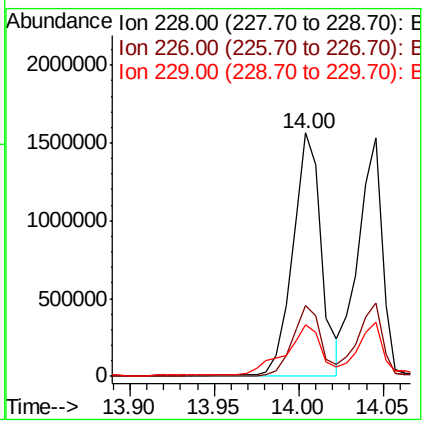


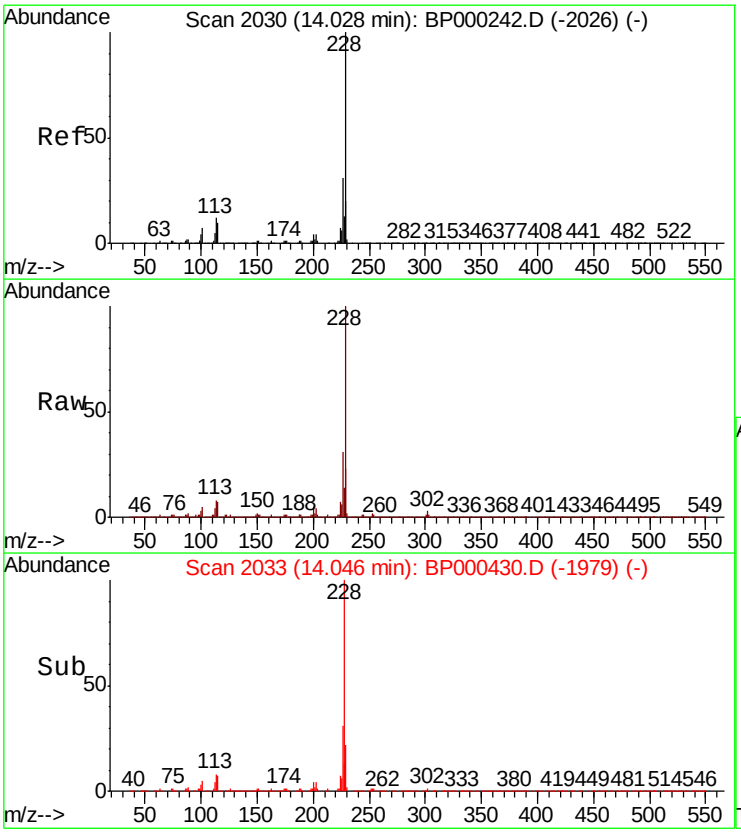
#81
Benzo(a)anthracene
Concen: 80.166 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.02 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 1838250

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.2	33.4
229	21.1	16.0	24.0

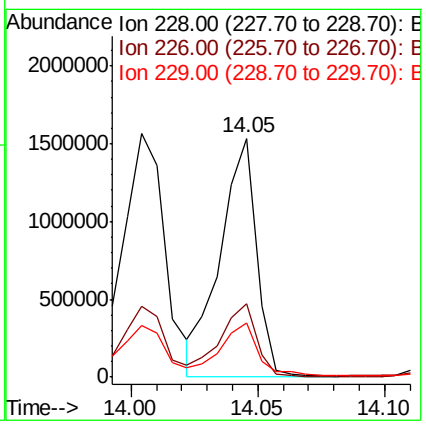


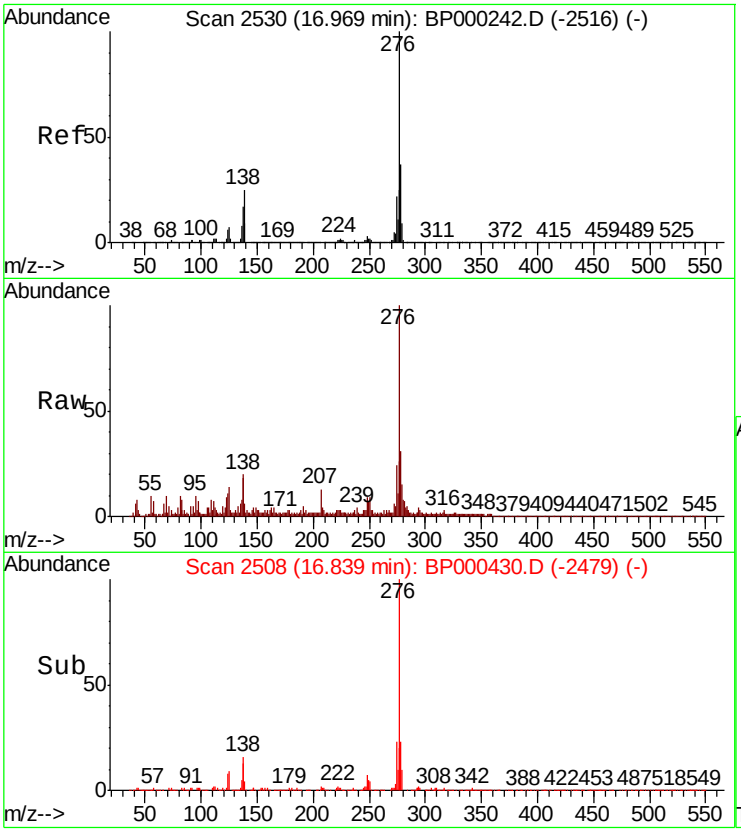


#83
Chrysene
Concen: 67.522 ng
RT: 14.05 min Scan# 2033
Delta R.T. 0.02 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Tgt Ion:228 Resp: 1520226

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	22.6	16.2	24.2



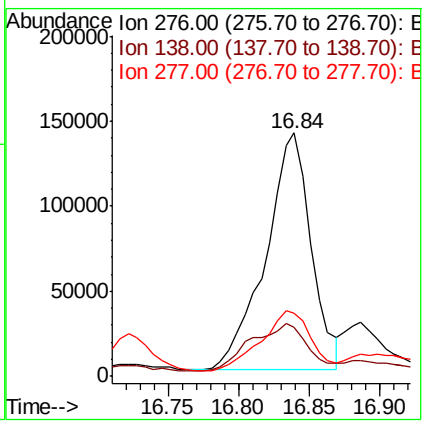


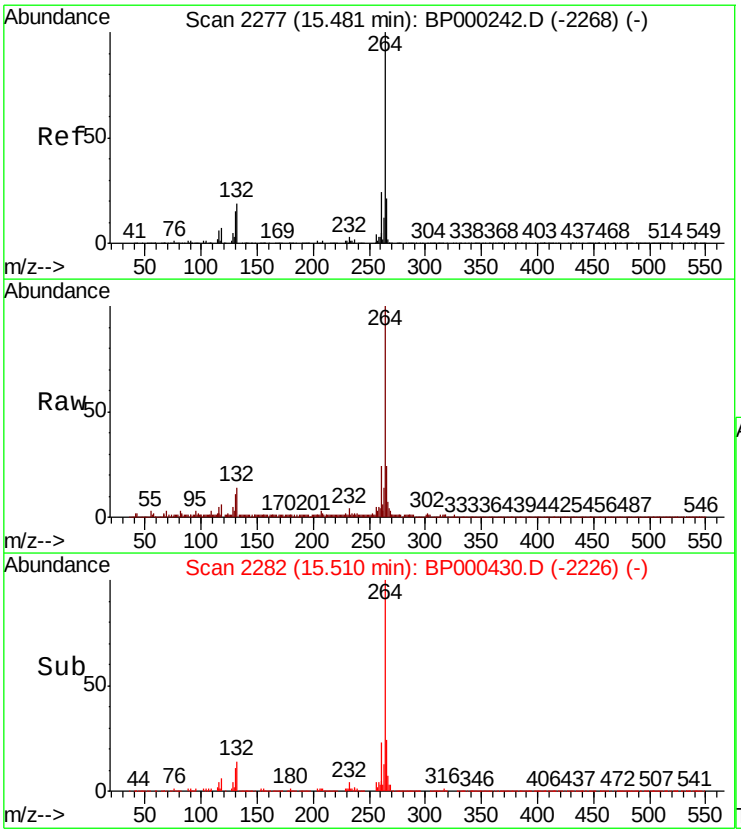
#86
Indeno(1,2,3-cd)pyrene
Concen: 11.434 ng
RT: 16.84 min Scan# 2508
Delta R.T. -0.13 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 313780

Ion	Ratio	Lower	Upper
276	100		
138	25.0	22.6	33.8
277	27.3	20.4	30.6

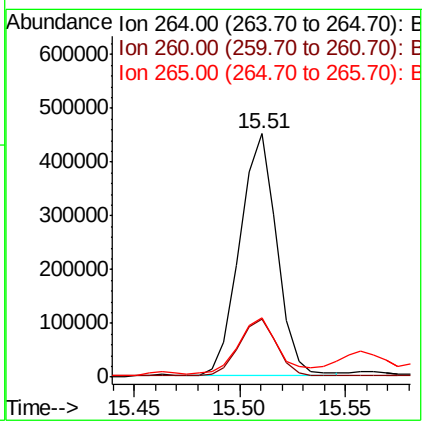


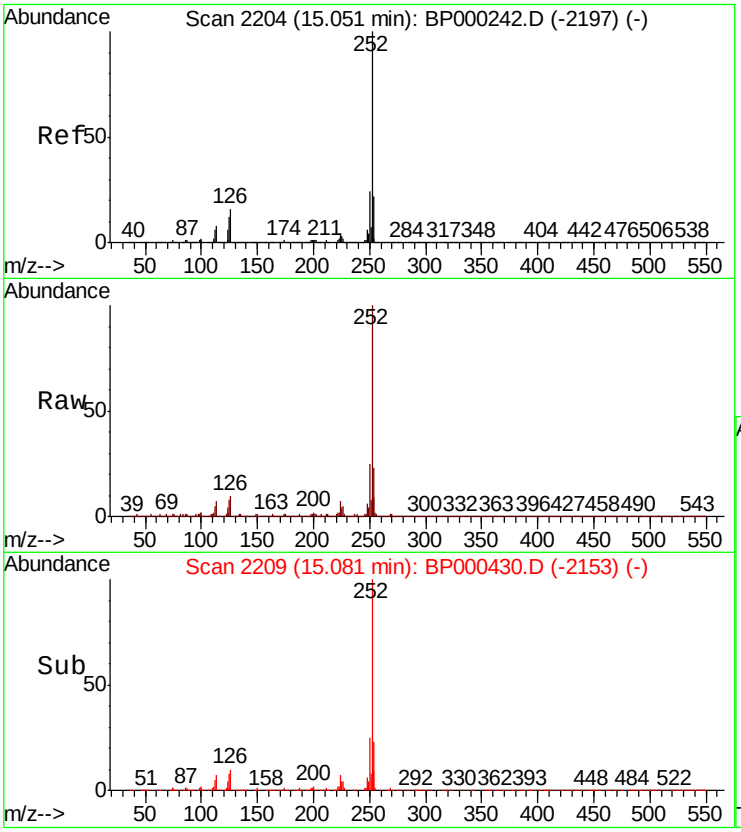


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.03 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Tgt Ion:264 Resp: 548696

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	24.1	17.2	25.8



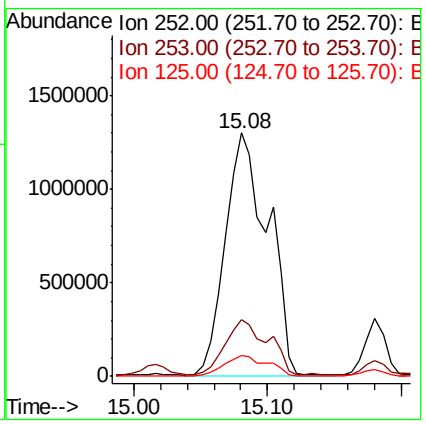


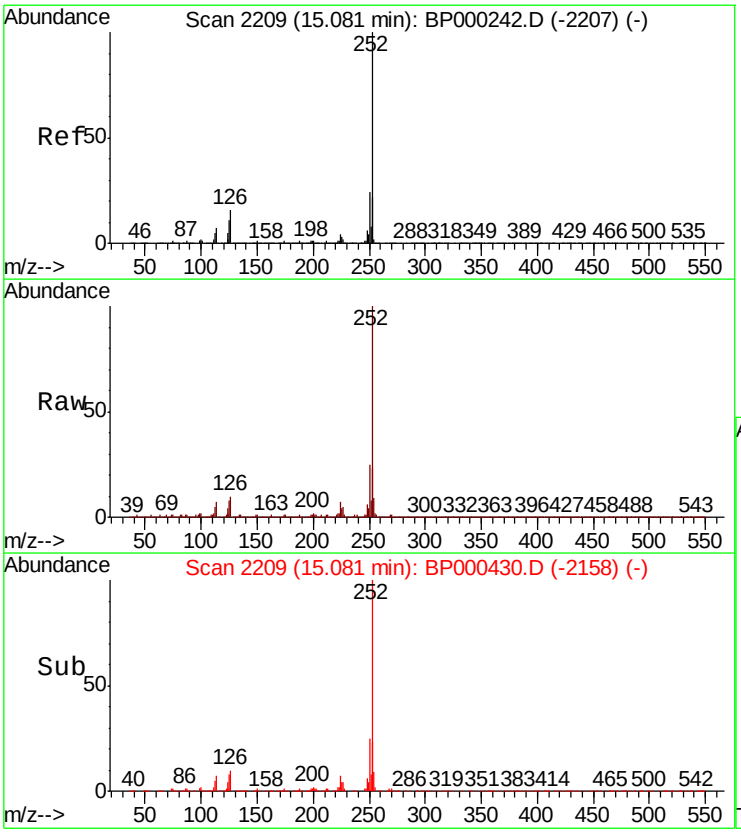
#88
Benzo(b)fluoranthene
Concen: 88.512 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.03 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 2897278

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	8.5	9.5	14.3#

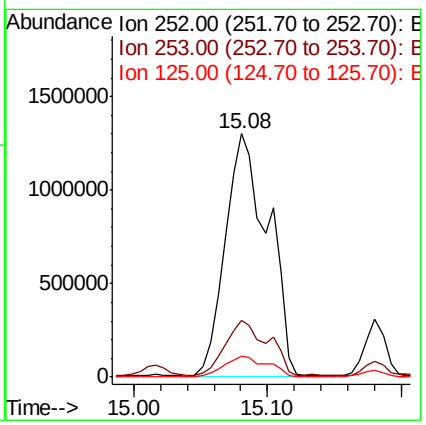


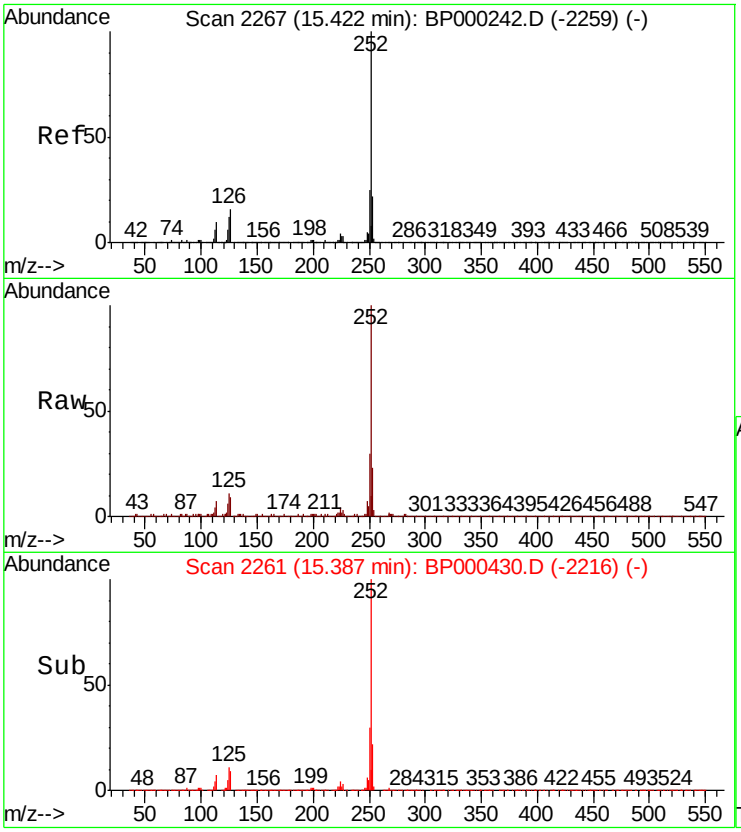


#89
Benzo(k)fluoranthene
Concen: 101.470 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Tgt Ion:252 Resp: 2897278

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	8.5	9.6	14.4#



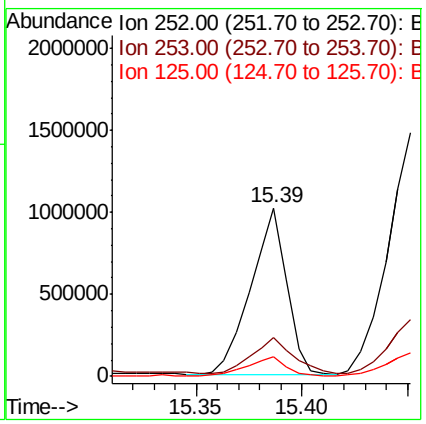


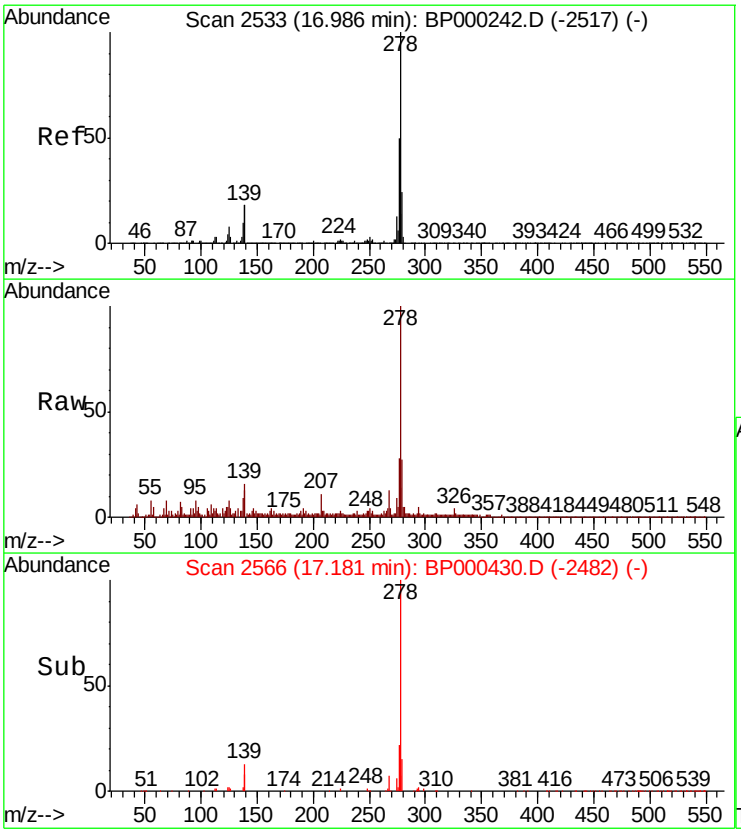
#90
Benzo(a)pyrene
Concen: 40.392 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.04 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 1203047

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	11.4	10.0	15.0

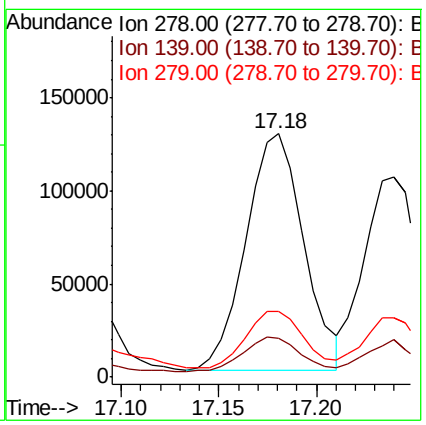


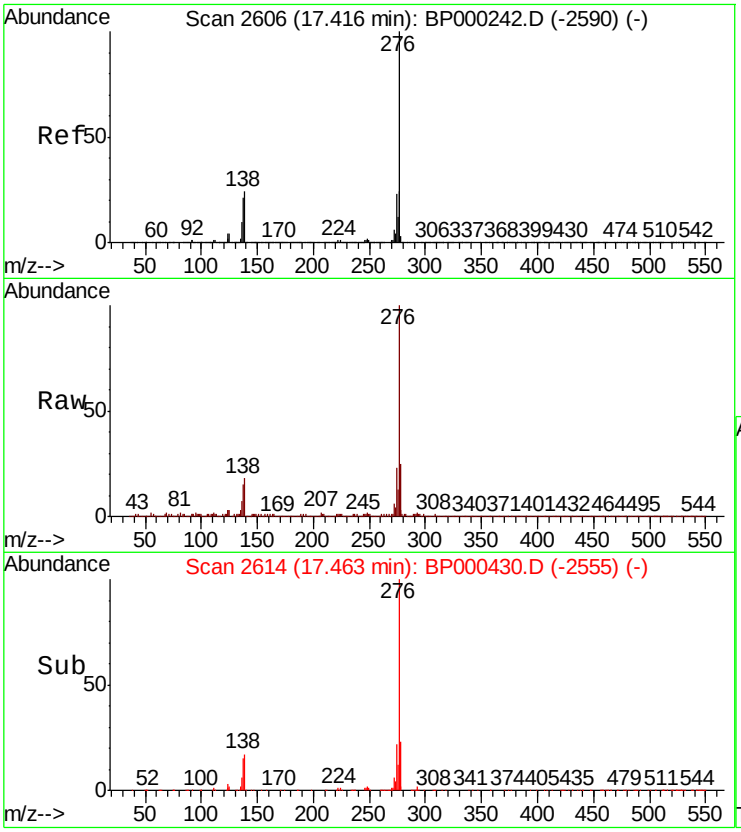


#91
Dibenzo(a,h)anthracene
Concen: 9.366 ng
RT: 17.18 min Scan# 2566
Delta R.T. 0.19 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Tgt Ion:278 Resp: 260097

Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.5	21.7
279	27.1	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 34.904 ng
RT: 17.46 min Scan# 2614
Delta R.T. 0.05 min
Lab File: BP000430.D
Acq: 26 Sep 2019 18:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 996278

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.1	28.7
138	17.8	19.5	29.3#