Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000428.D
Acq On : 26 Sep 2019 17:34
Operator : JU
Sample : K5038-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 27 00:12:40 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	236087	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	469109	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	323182	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	577803	20.00	ng		0.00
76) Chrysene-d12	14.01	240	626966	20.00	ng		0.01
87) Perylene-d12	15.50	264	502612	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1379016	100.84	ng		0.02
7) Phenol-d6	6.43	99	1753759	104.62	ng		0.01
23) Nitrobenzene-d5	7.35	82	517905	71.23	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	452287	141.10	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1562539	87.02	ng		0.00
79) Terphenyl-d14	12.94	244	1622768	54.30	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.33	77	6039	Below Cal			94
10) Phenol	6.45	94	70139	3.683	ng		98
19) n-Nitroso-di-n-propylamine	7.35	70	66907	7.549	ng	#	76
25) Isophorone	7.35	82	516940	35.906	ng	#	63
31) Naphthalene	8.09	128	94462	4.348	ng		98
37) 2-Methylnaphthalene	8.79	142	83855	5.646	ng		99
38) 1-Methylnaphthalene	8.89	142	55069	3.958	ng		99
49) Acenaphthylene	9.69	152	214384	7.605	ng		99
50) Dimethylphthalate	9.55	163	417645	18.968	ng		99
55) Dibenzofuran	10.04	168	64214	2.553	ng	#	97
58) Fluorene	10.38	166	55548	2.860	ng	#	99
67) 4-Bromophenyl-phenylether	10.63	248	31877	4.879	ng	#	1
69) Atrazine	11.03	200	724	Below Cal		#	62
71) Phenanthrene	11.35	178	747537	25.817	ng		99
72) Anthracene	11.40	178	370661	12.437	ng		99
73) Carbazole	11.56	167	184140	6.860	ng		98
75) Fluoranthene	12.56	202	1422539	45.753	ng		94
78) Pyrene	12.79	202	1391092	29.656	ng		99
80) Butylbenzylphthalate	13.42	149	75277	3.493	ng		96
81) Benzo(a)anthracene	14.03	228	1329291	33.565	ng		95
83) Chrysene	14.03	228	1329291	34.185	ng		97
84) Bis(2-ethylhexyl)phthalate	13.99	149	165780	6.407	ng		99
86) Indeno(1,2,3-cd)pyrene	16.83	276	146052	3.081	ng		96
88) Benzo(b)fluoranthene	15.07	252	2216201	73.913	ng		97
89) Benzo(k)fluoranthene	15.07	252	2216201	84.734	ng		97
90) Benzo(a)pyrene	15.37	252	817090	29.949	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	192997	7.587	ng	#	92
92) Benzo(g,h,i)perylene	17.45	276	726858	27.800	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
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Acq On : 26 Sep 2019 17:34
Operator : JU
Sample : K5038-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 27 00:12:40 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
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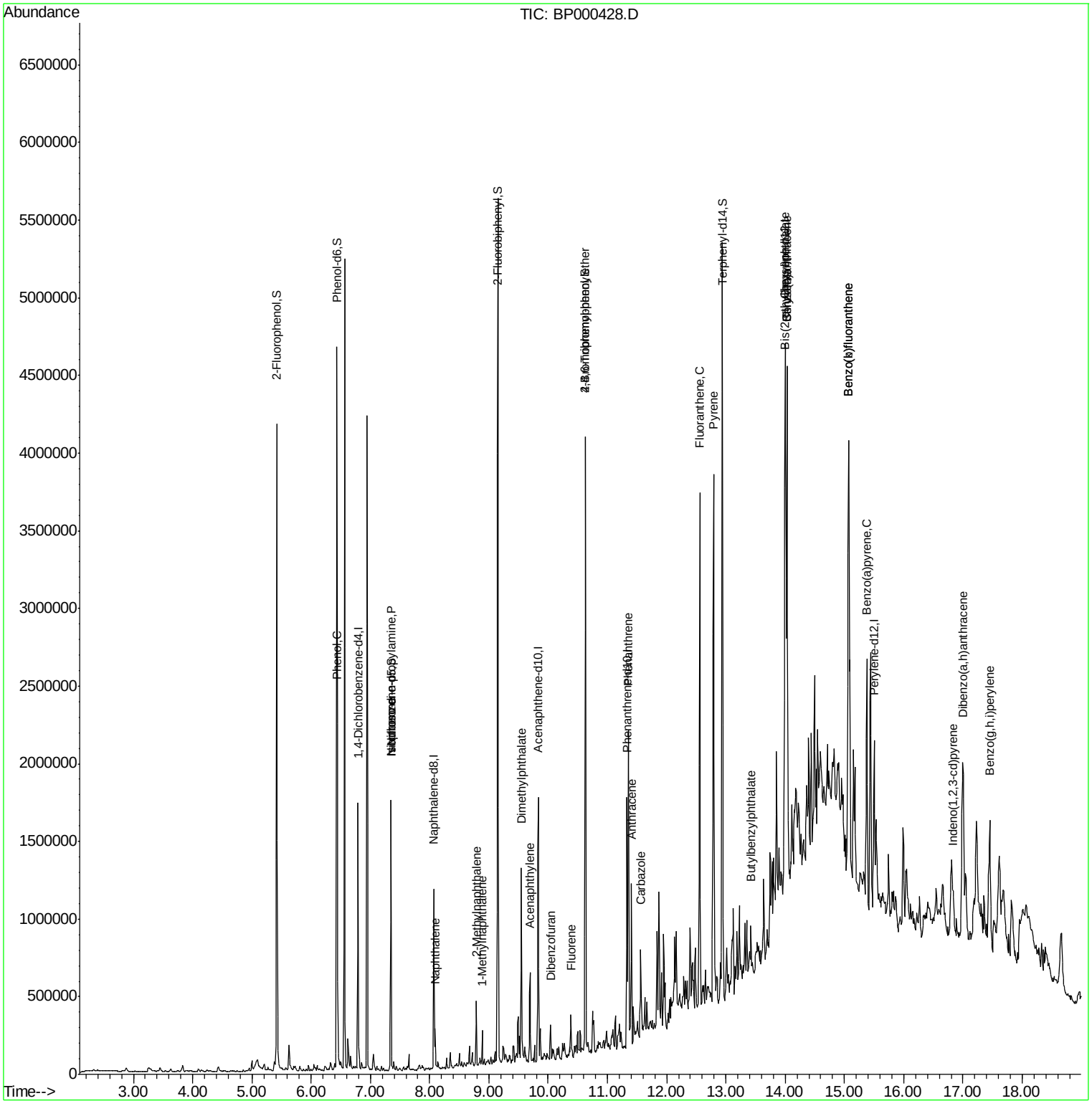
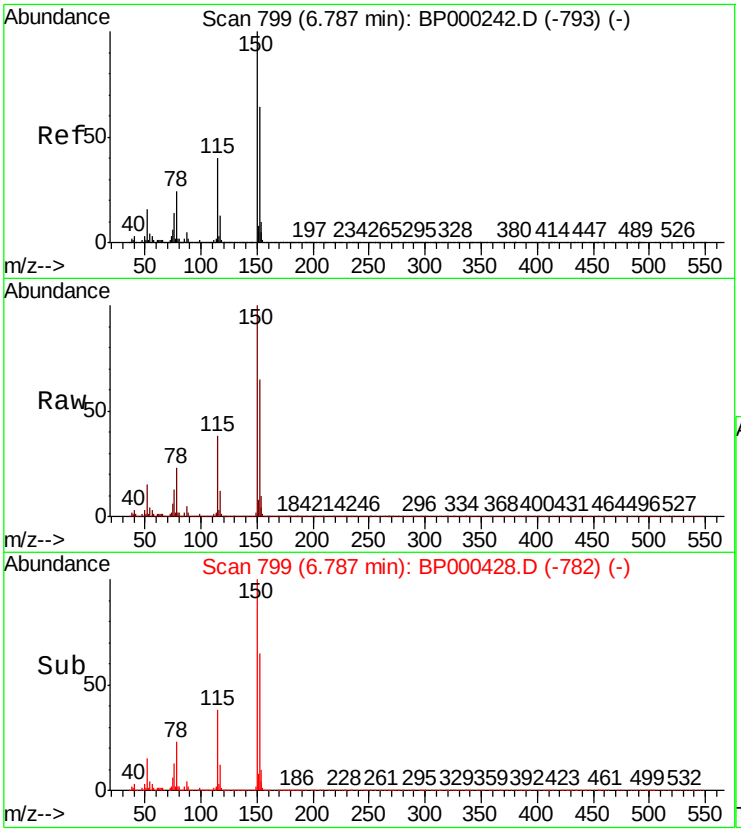


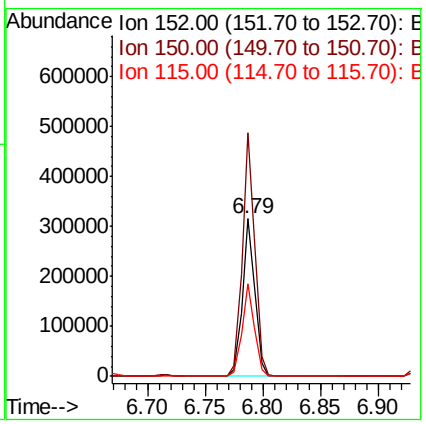


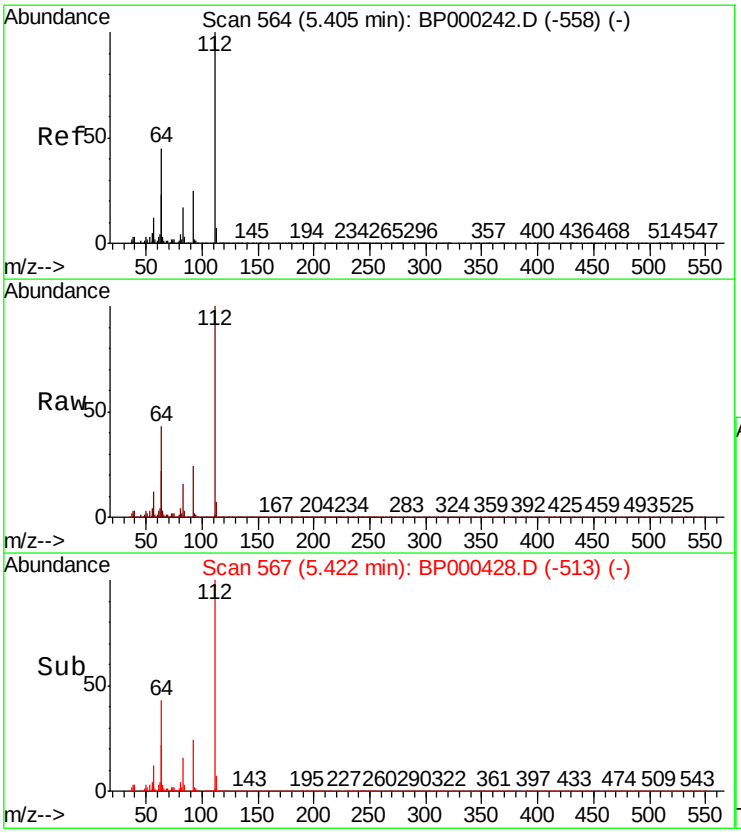
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 236087

Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.2	187.8
115	58.9	49.7	74.5

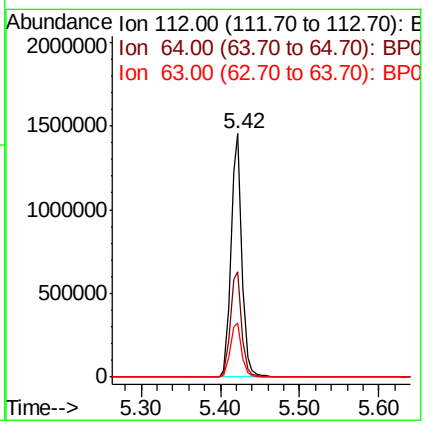


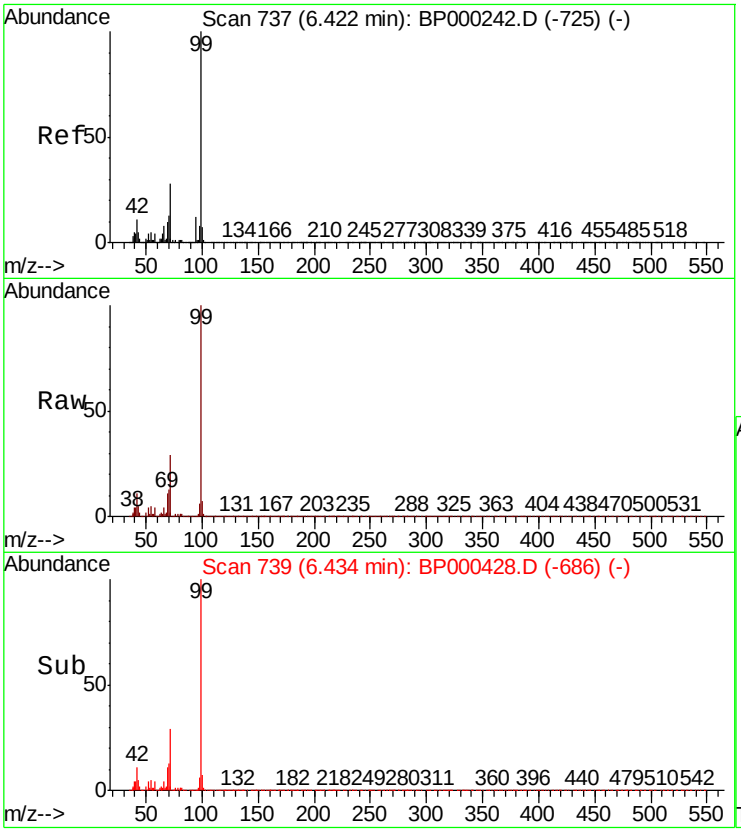


#5
2-Fluorophenol
Concen: 100.838 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Tgt Ion:112 Resp: 1379016

Ion	Ratio	Lower	Upper
112	100		
64	43.1	36.2	54.4
63	22.0	18.3	27.5



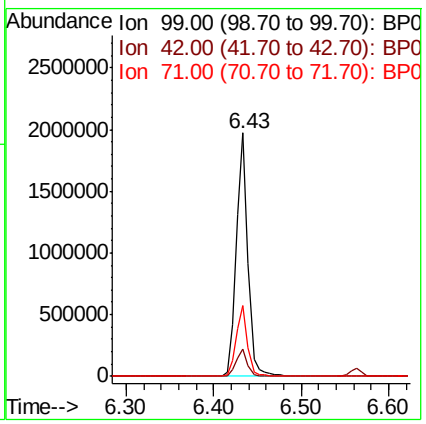


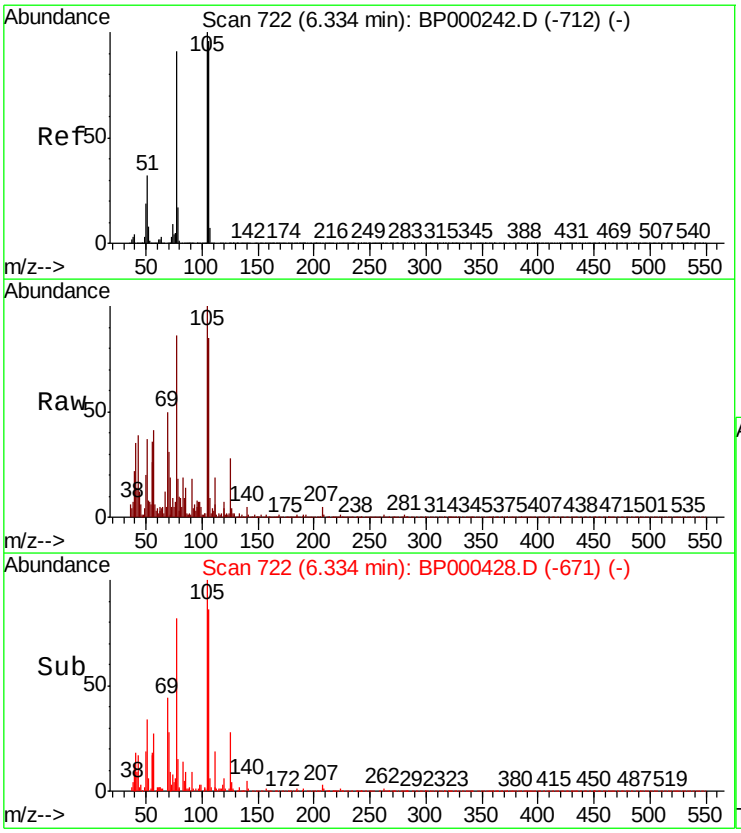
#7
Phenol-d6
Concen: 104.619 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.01 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1753759

Ion	Ratio	Lower	Upper
99	100		
42	11.0	8.5	12.7
71	29.2	22.6	34.0

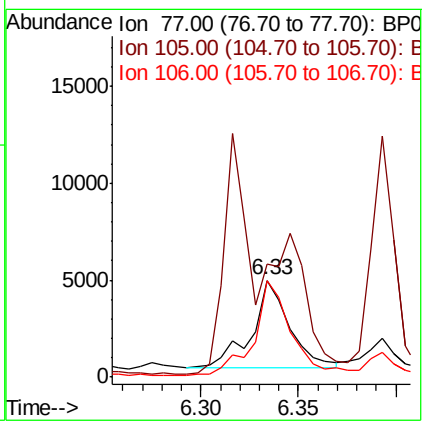


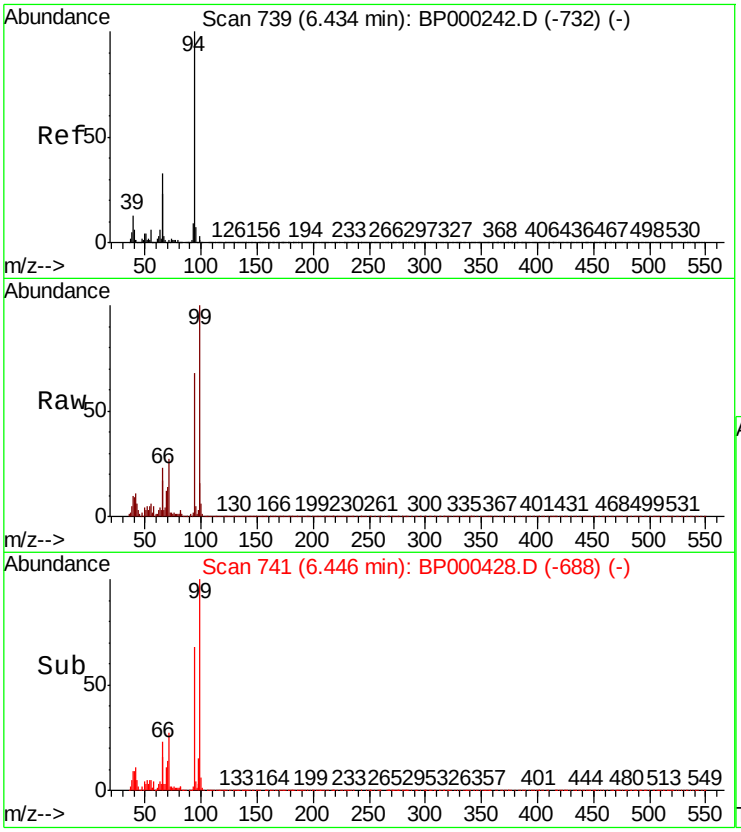


#9
Benzaldehyde
Concen: Below Cal
RT: 6.33 min Scan# 722
Delta R.T. -0.00 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Tgt Ion: 77 Resp: 6039

Ion	Ratio	Lower	Upper
77	100		
105	116.5	89.6	129.6
106	99.3	84.6	124.6



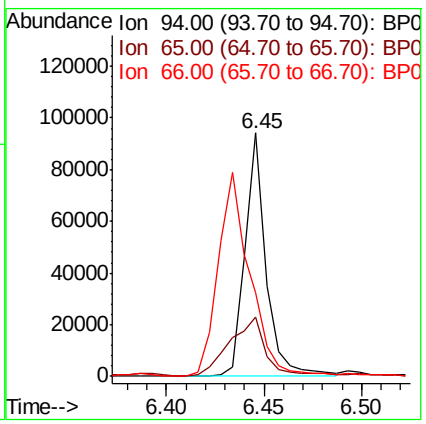


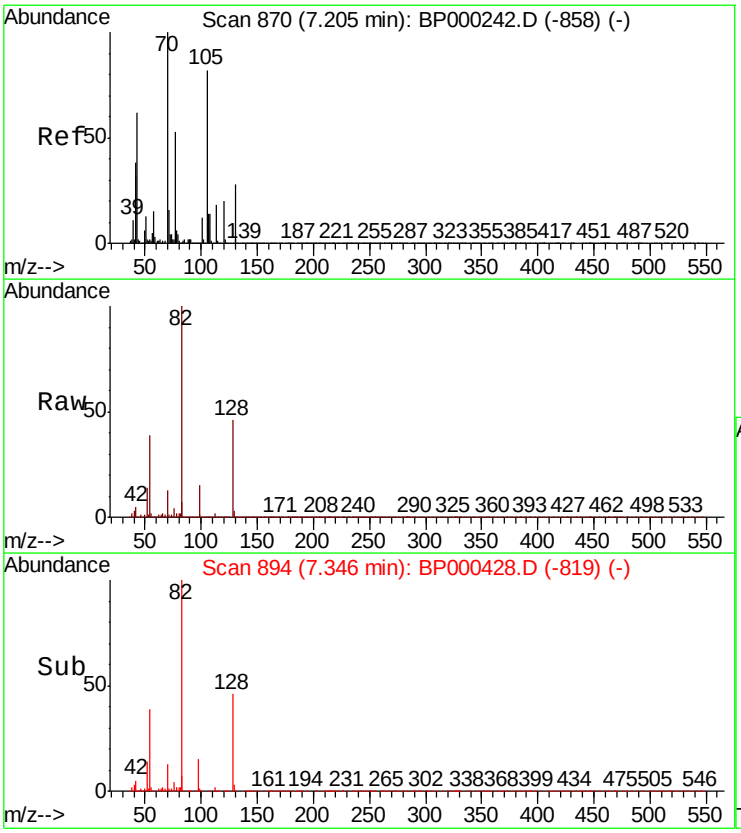
#10
Phenol
Concen: 3.683 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 70139

Ion	Ratio	Lower	Upper
94	100		
65	24.2	3.3	43.3
66	34.3	12.7	52.7

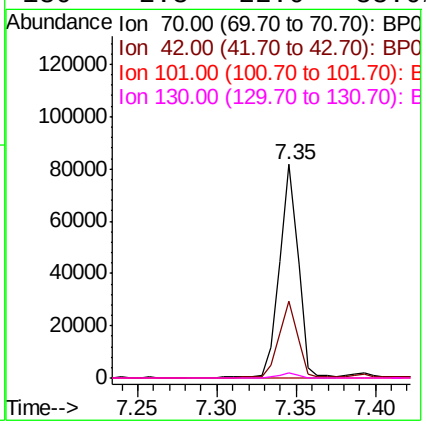


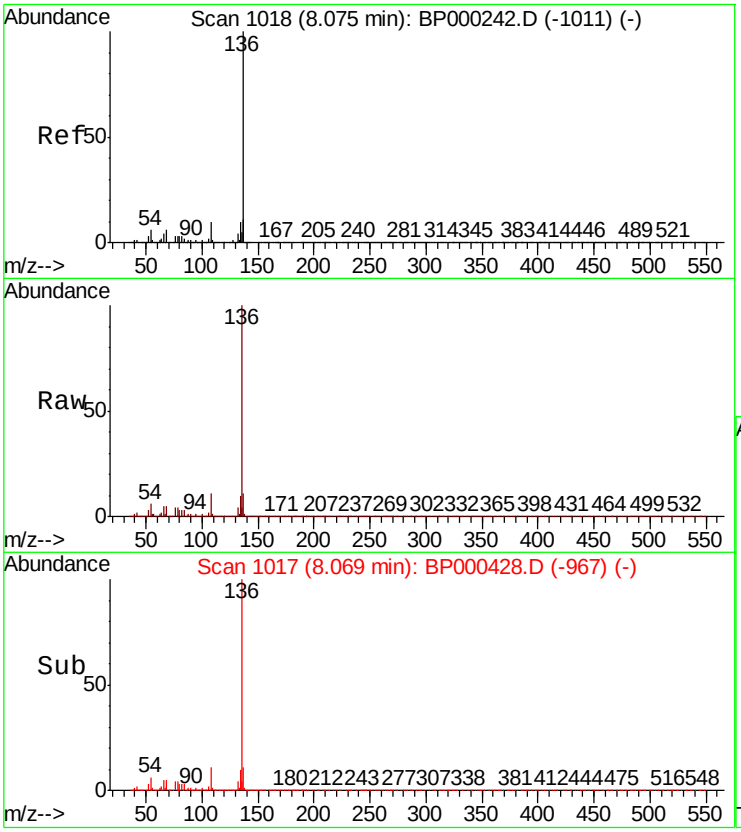


#19
n-Nitroso-di-n-propylamine
Concen: 7.549 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Tgt Ion: 70 Resp: 66907

Ion	Ratio	Lower	Upper
70	100		
42	35.8	30.7	46.1
101	0.0	9.6	14.4#
130	2.3	22.0	33.0#



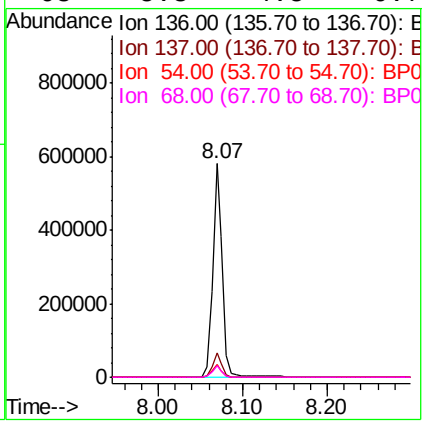


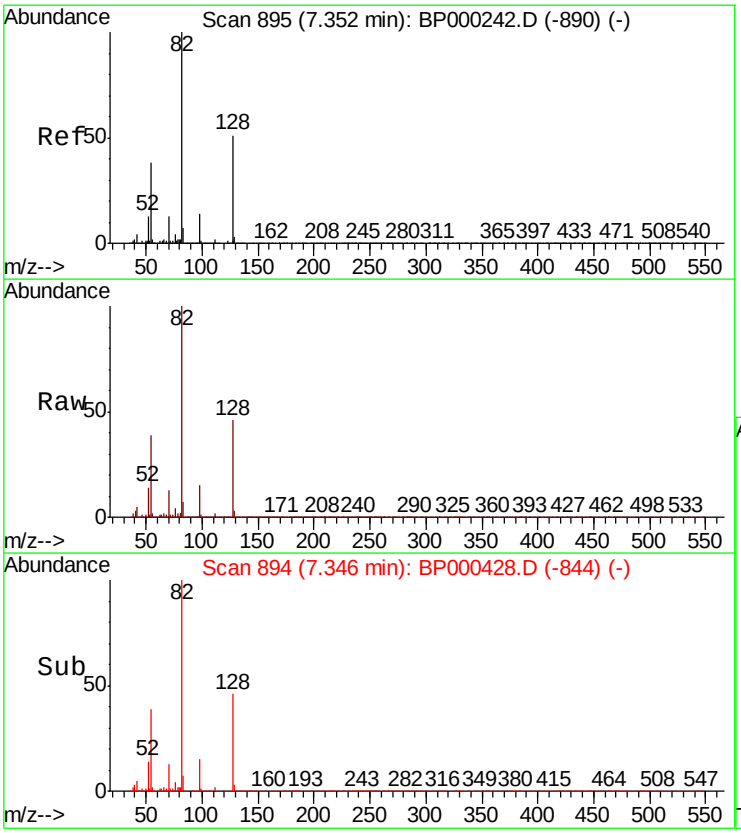
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 469109

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	5.8	4.5	6.7
68	5.3	4.5	6.7

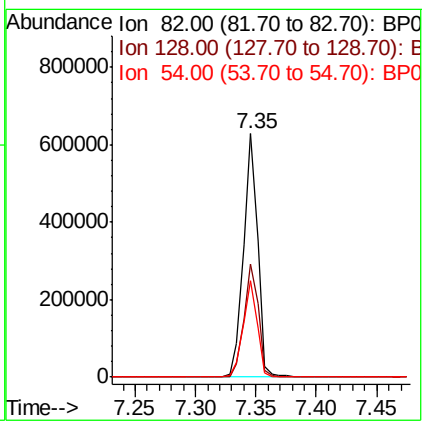


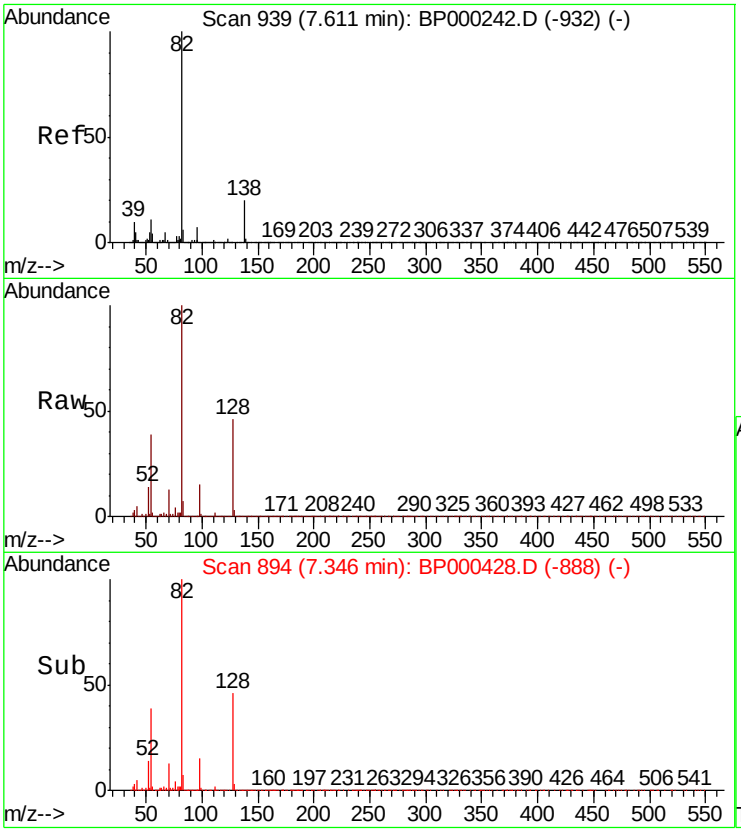


#23
Nitrobenzene-d5
Concen: 71.231 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Tgt Ion: 82 Resp: 517905

Ion	Ratio	Lower	Upper
82	100		
128	46.3	40.7	61.1
54	39.4	30.1	45.1



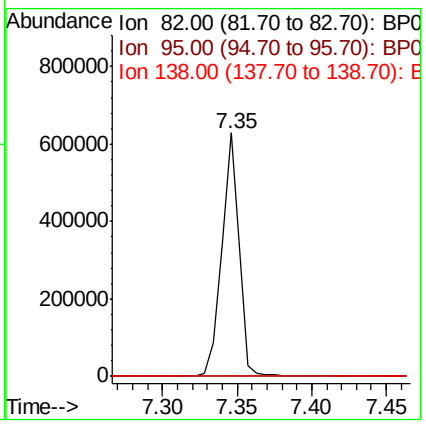


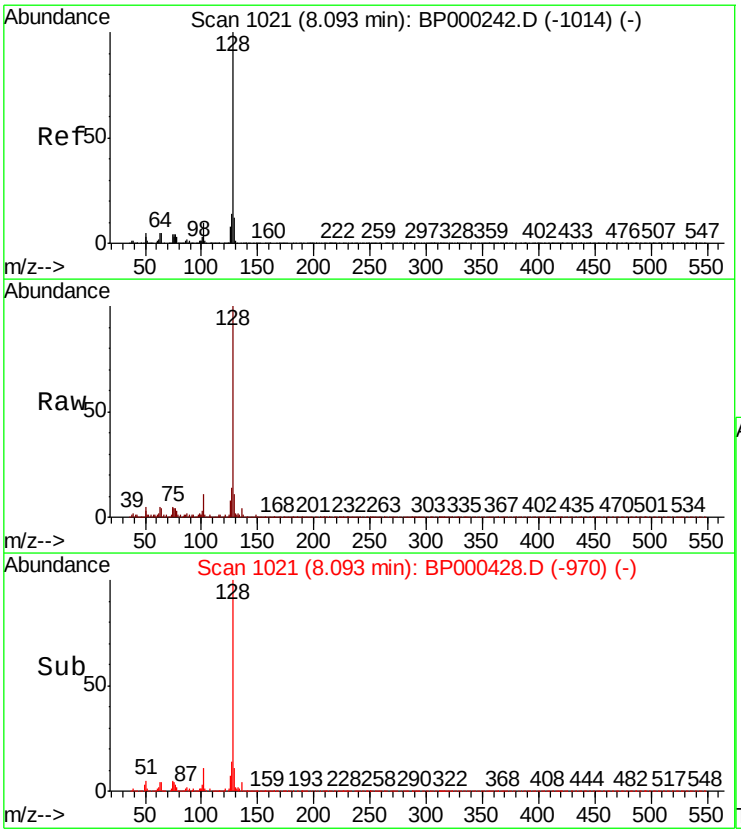
#25
Isophorone
Concen: 35.906 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 516940

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

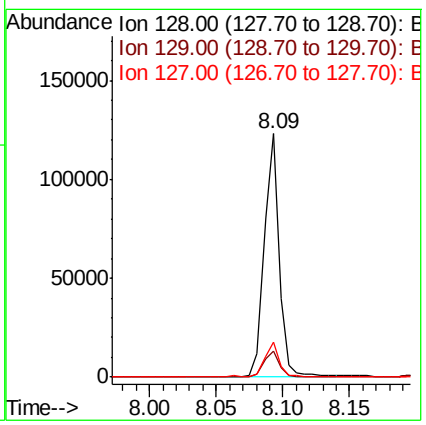


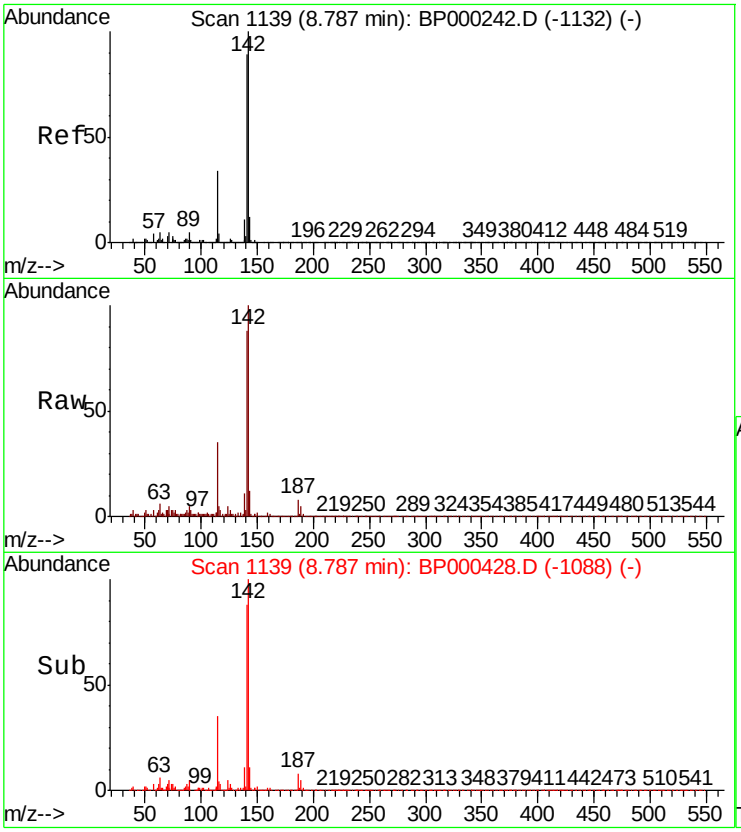


#31
Naphthalene
Concen: 4.348 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Tgt Ion:128 Resp: 94462

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.2	13.8
127	14.3	11.0	16.6



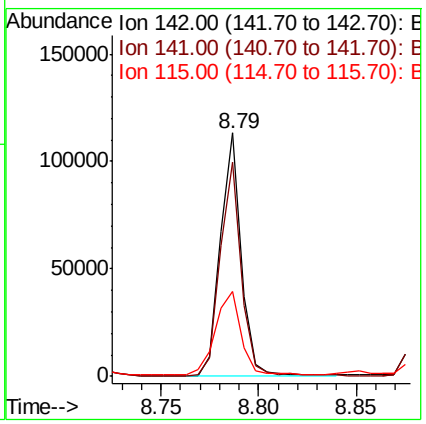


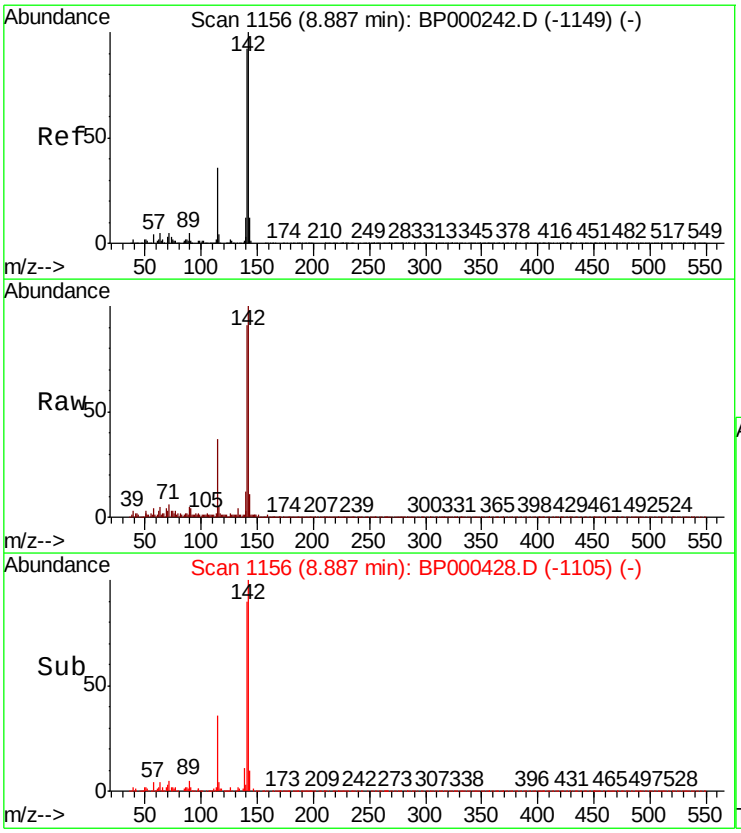
#37
2-Methylnaphthalene
Concen: 5.646 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:142 Resp: 83855

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.3	106.9
115	35.1	27.2	40.8

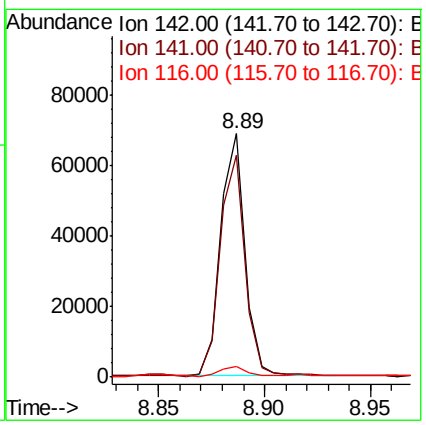


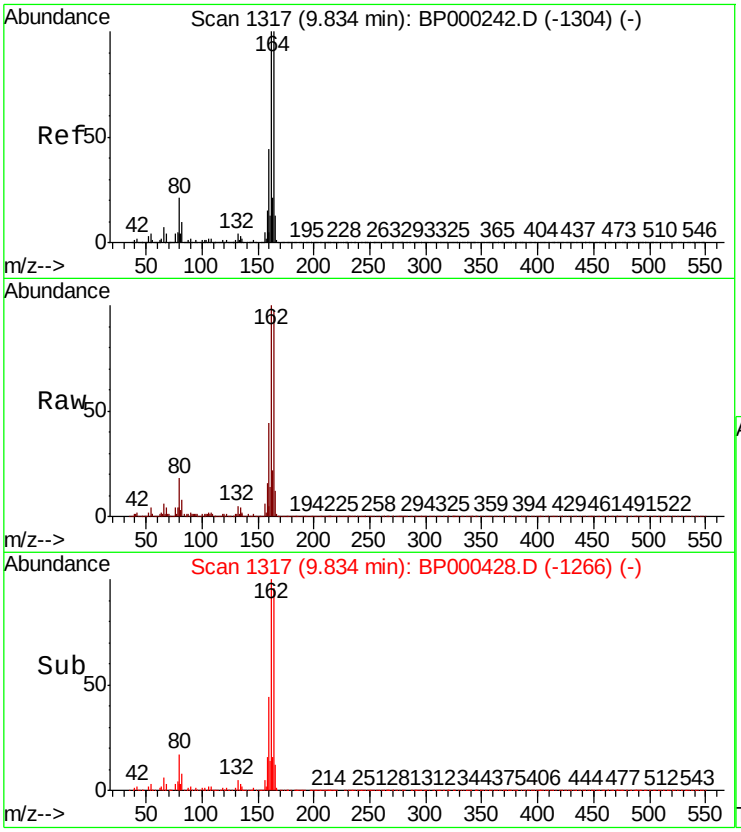


#38
1-Methylnaphthalene
Concen: 3.958 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Tgt Ion:142 Resp: 55069

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.9	110.9
116	4.5	3.0	4.6



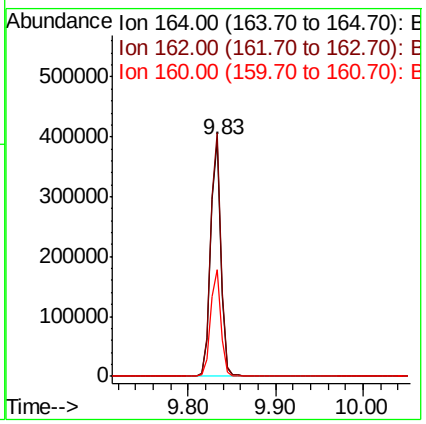


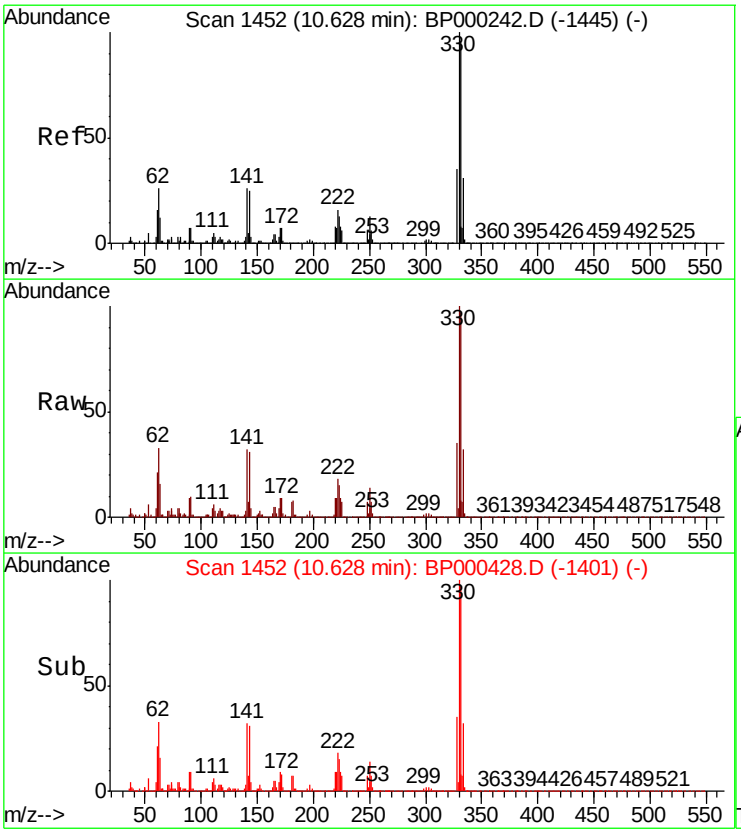
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 323182

Ion	Ratio	Lower	Upper
164	100		
162	102.9	79.9	119.9
160	45.3	35.6	53.4

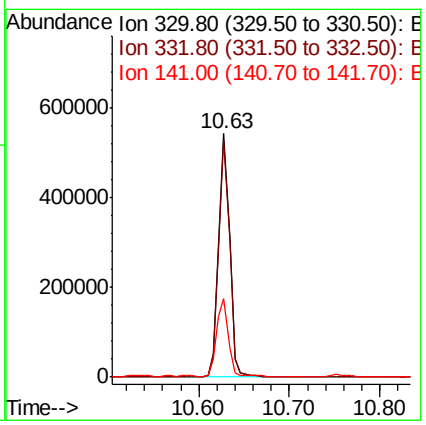


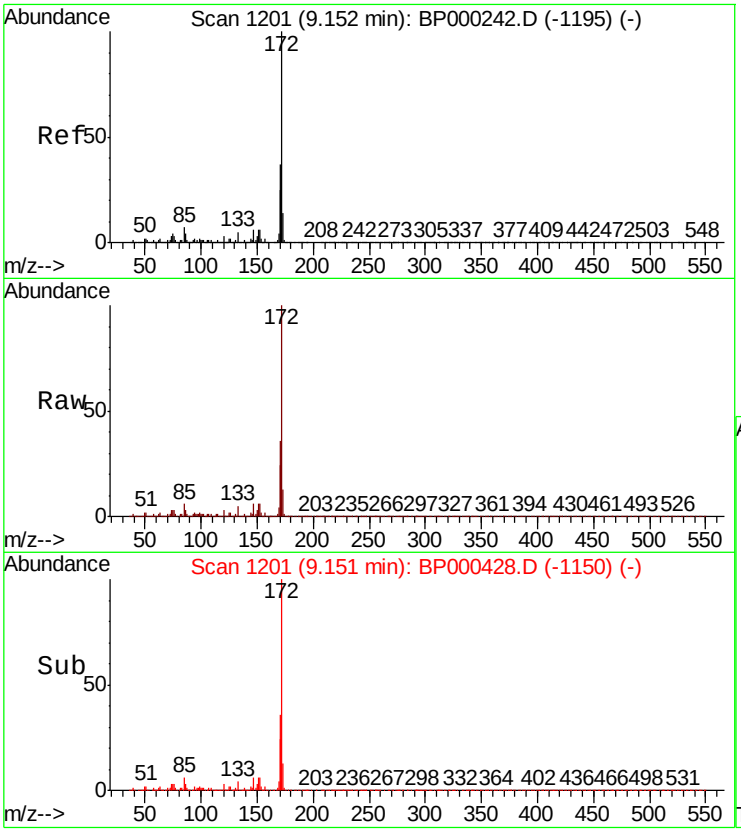


#42
2,4,6-Tribromophenol
Concen: 141.096 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Tgt Ion:330 Resp: 452287

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	33.2	26.5	39.7



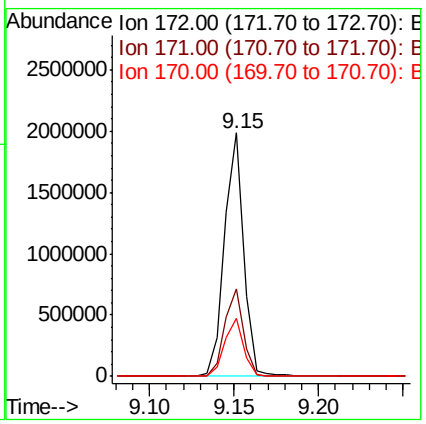


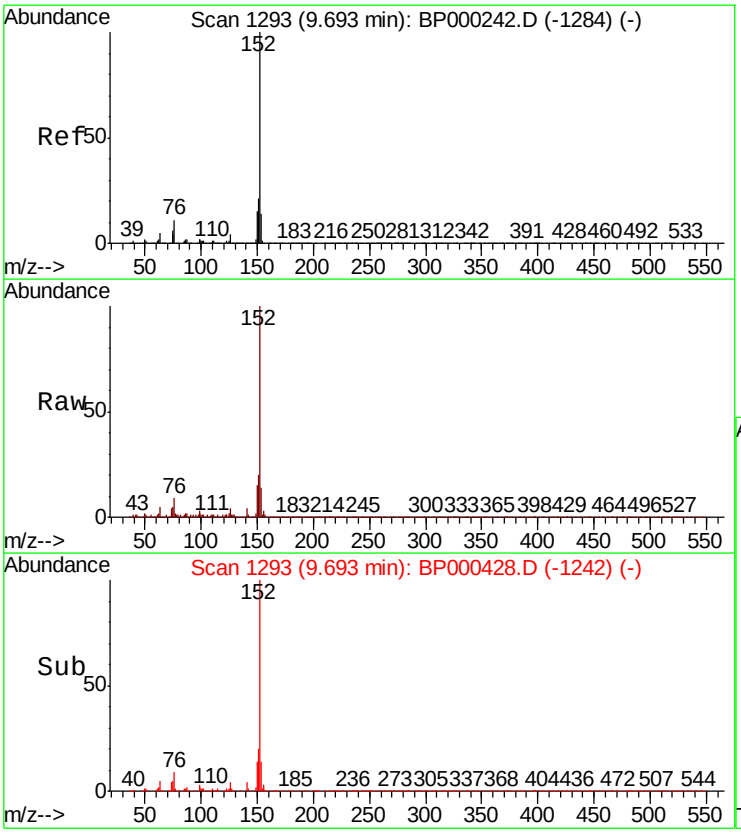
#45
2-Fluorobiphenyl
Concen: 87.018 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 1562539

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	23.7	19.8	29.6

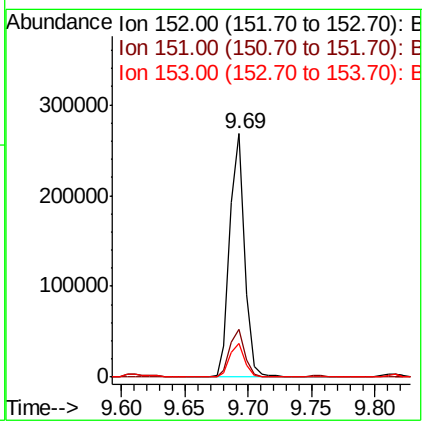


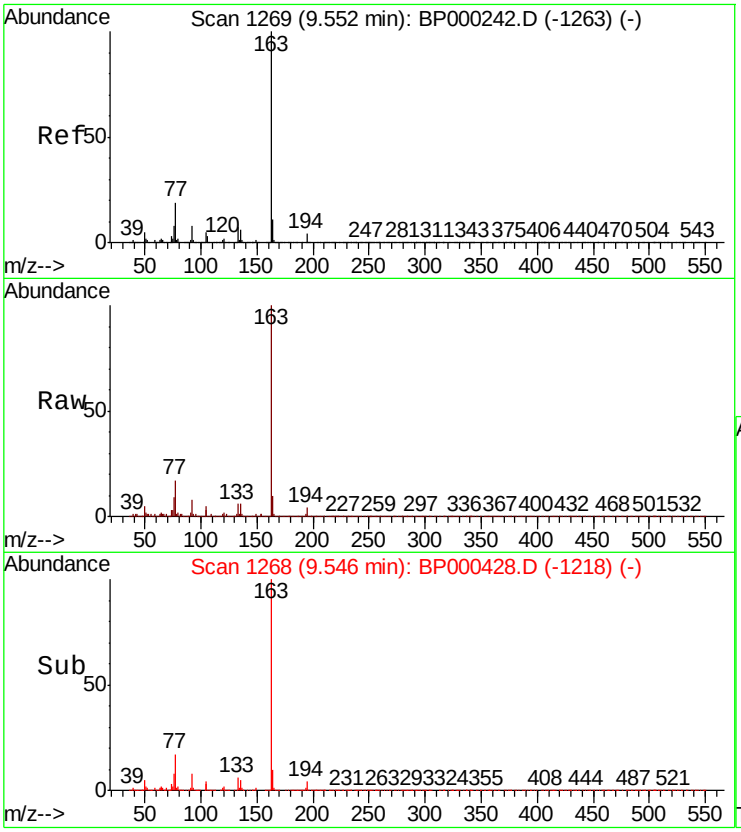


#49
Acenaphthylene
Concen: 7.605 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Tgt Ion:152 Resp: 214384

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.4	24.6
153	13.7	11.0	16.4



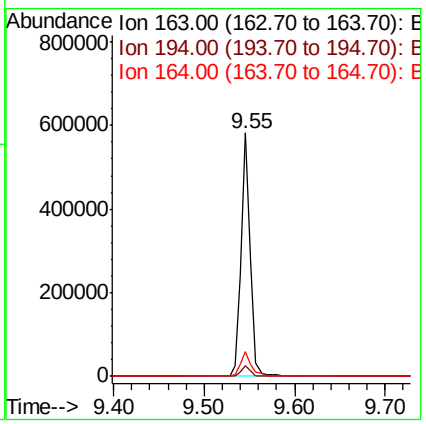


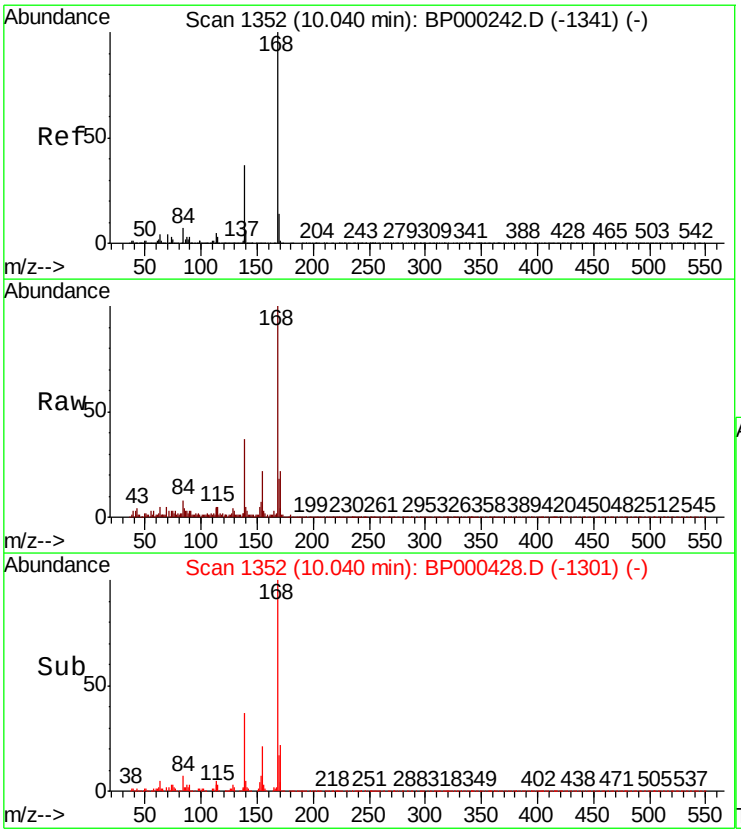
#50
Dimethylphthalate
Concen: 18.968 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 417645

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.4	8.5	12.7

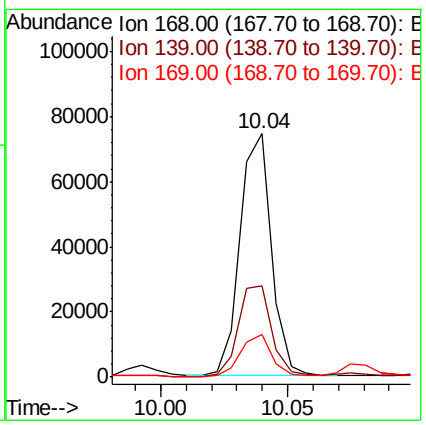


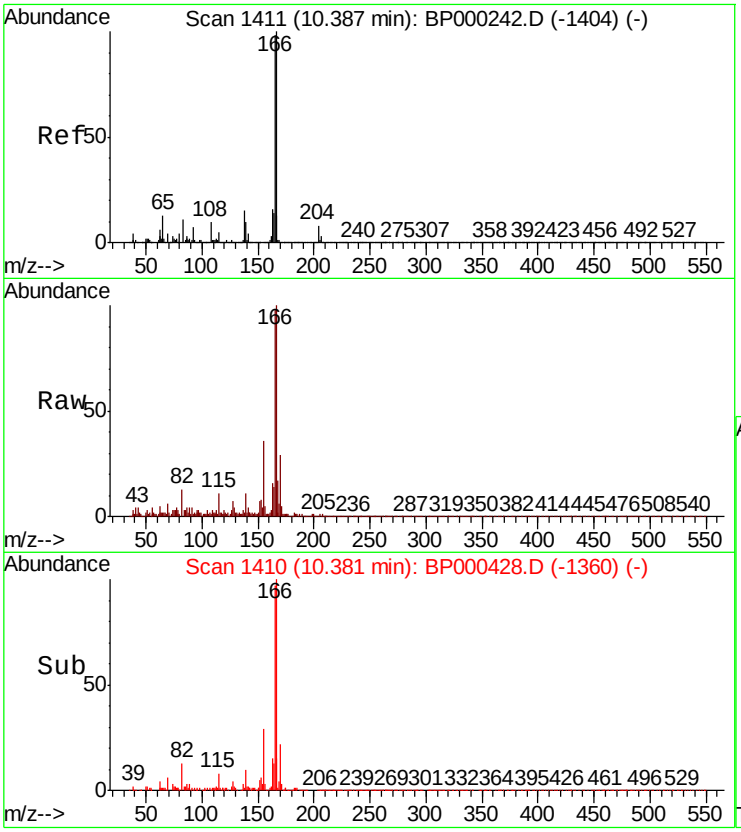


#55
Dibenzofuran
Concen: 2.553 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Tgt Ion:168 Resp: 64214

Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.0	45.0
169	17.7	11.0	16.6#



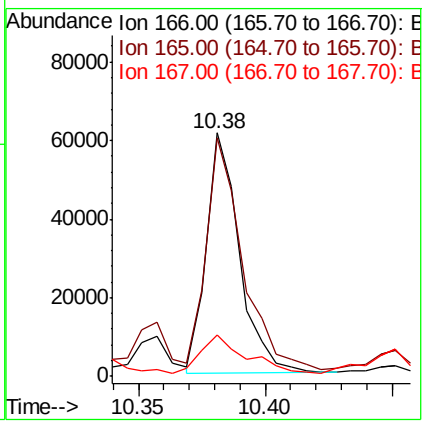


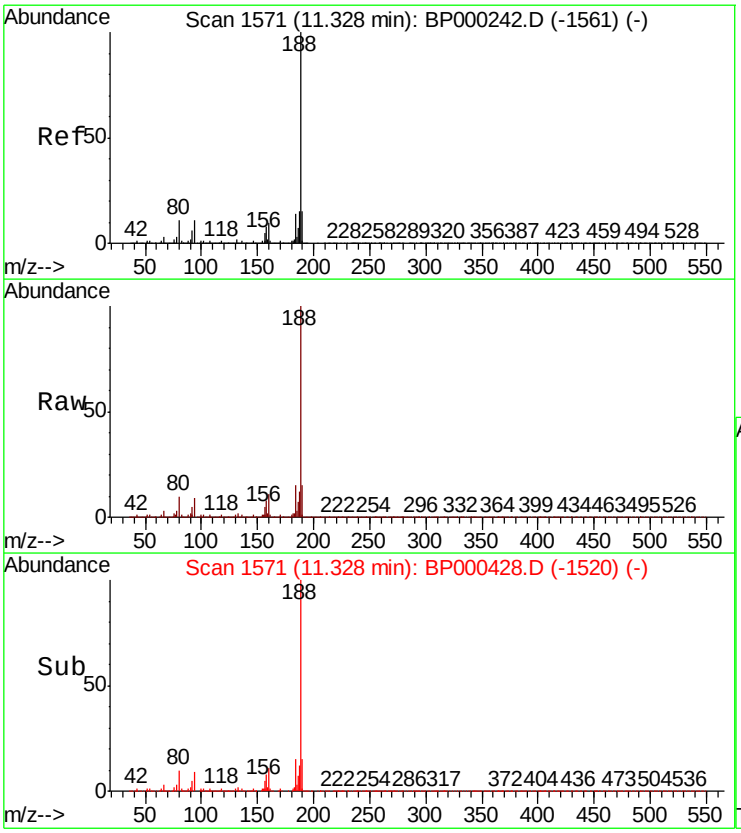
#58
Fluorene
Concen: 2.860 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 55548

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.2	117.2
167	17.2	10.7	16.1#

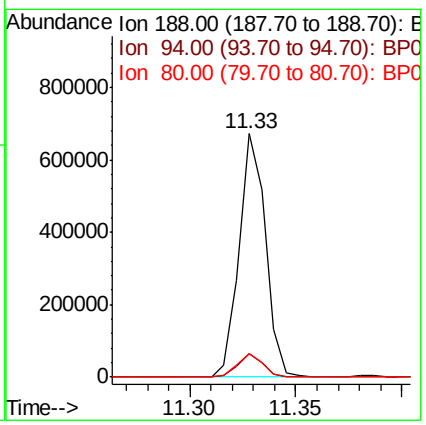


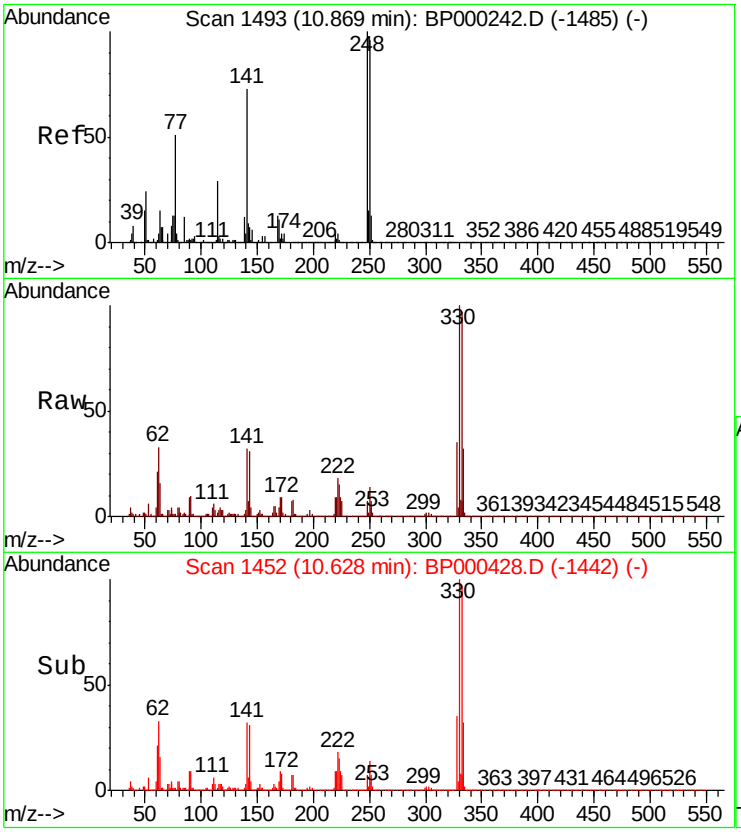


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Tgt Ion:188 Resp: 577803

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.7	8.6	13.0



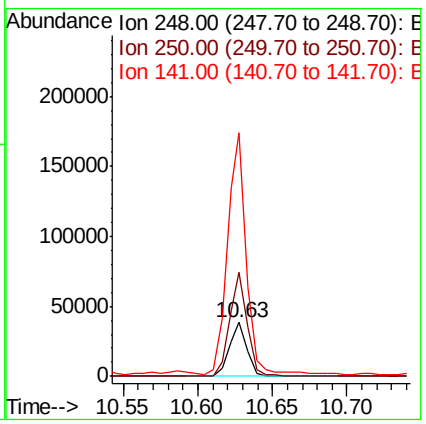


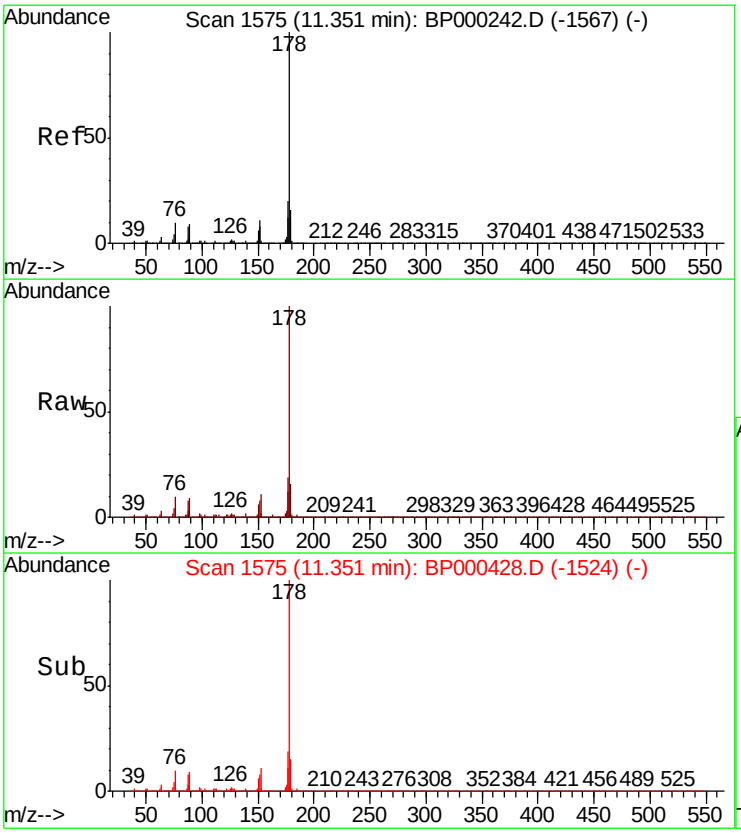
#67
4-Bromophenyl-phenylether
Concen: 4.879 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:248 Resp: 31877

Ion	Ratio	Lower	Upper
248	100		
250	194.3	77.0	115.4#
141	454.2	58.5	87.7#

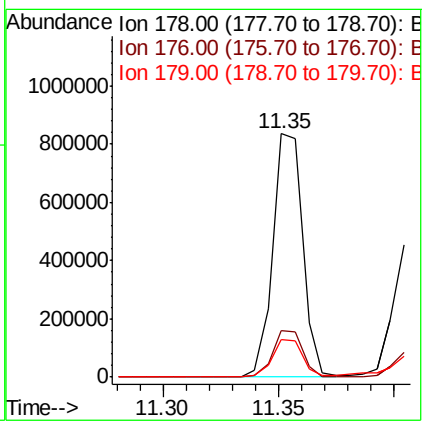


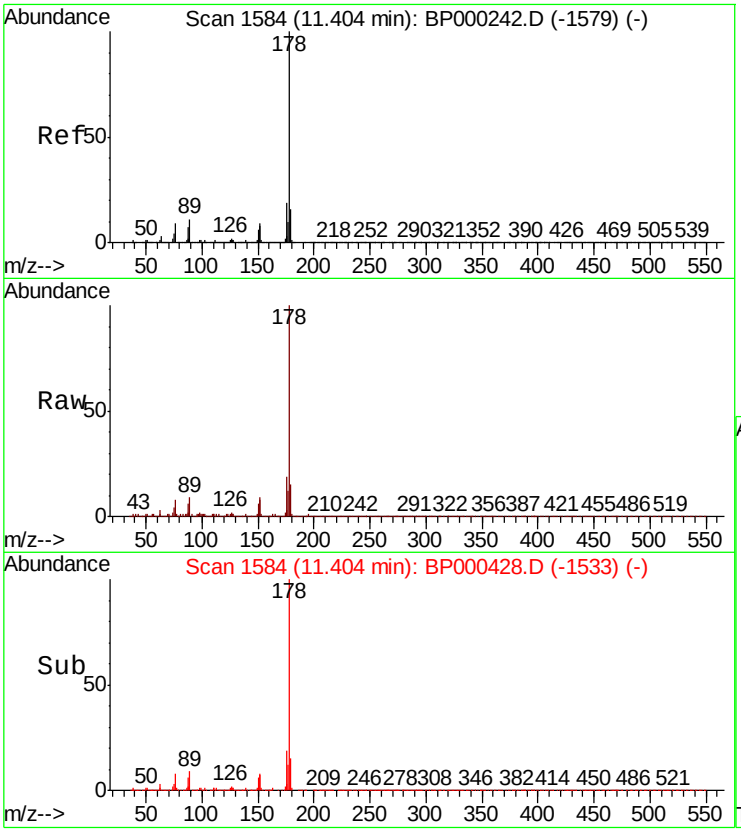


#71
Phenanthrene
Concen: 25.817 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Tgt Ion:178 Resp: 747537

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.5	12.7	19.1



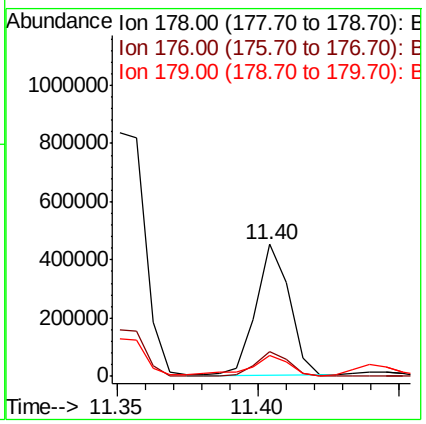


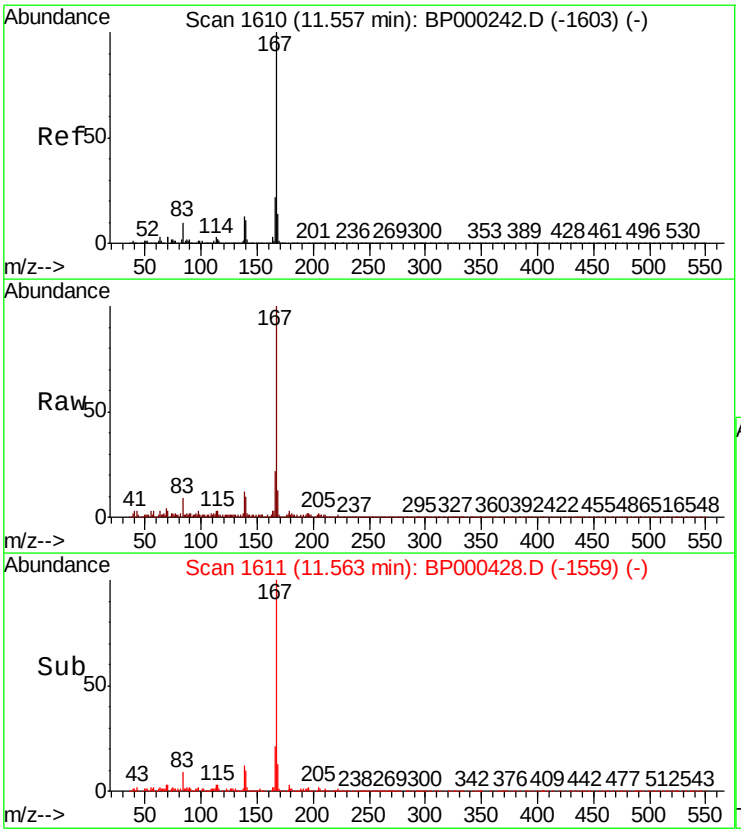
#72
Anthracene
Concen: 12.437 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 370661

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.5	12.7	19.1

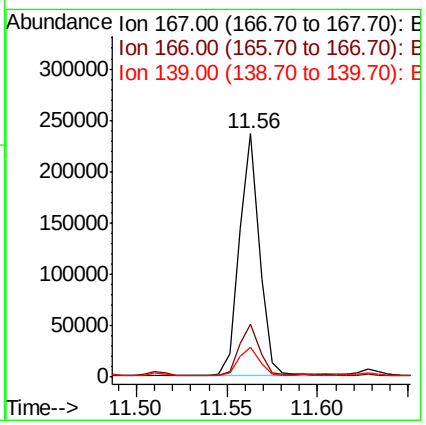


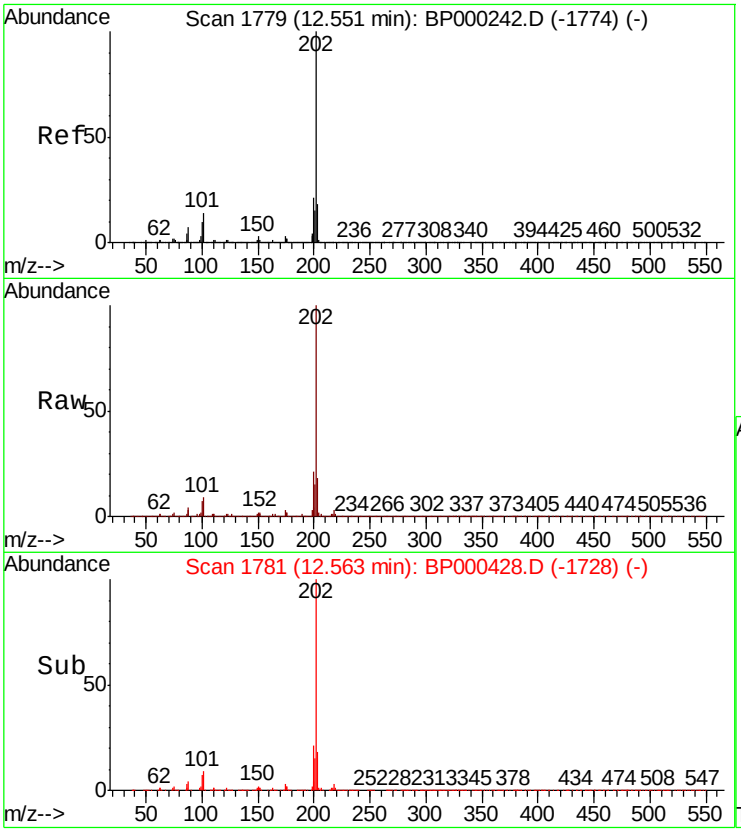


#73
Carbazole
Concen: 6.860 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Tgt Ion:167 Resp: 184140

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.8
139	12.4	10.8	16.2



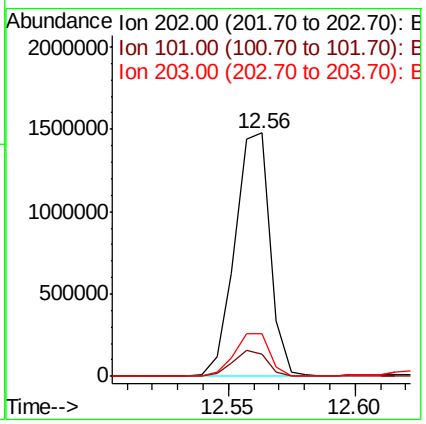


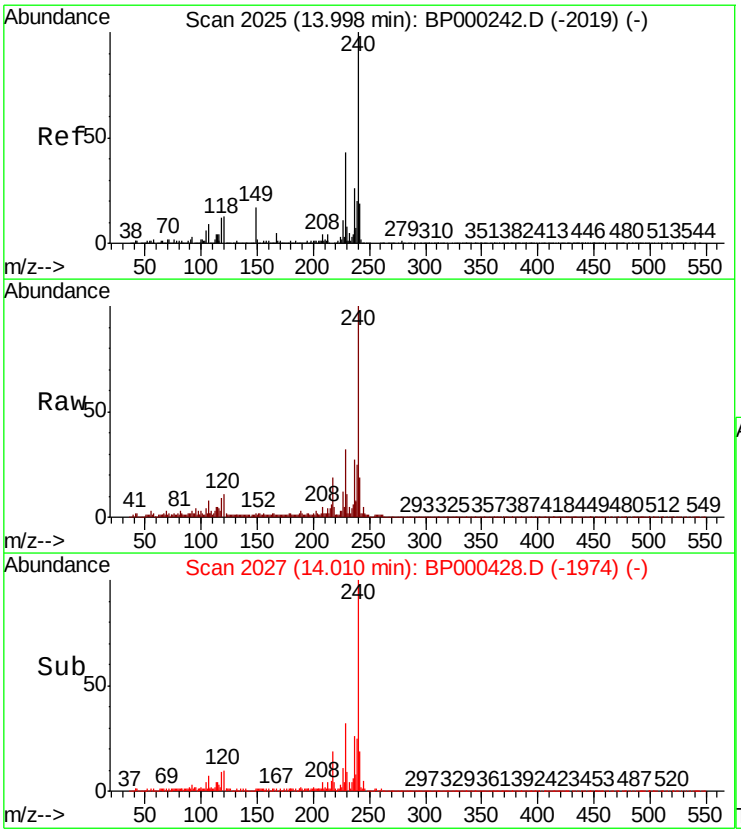
#75
Fluoranthene
Concen: 45.753 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.01 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 1422539

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	33.9
203	17.8	0.0	38.0

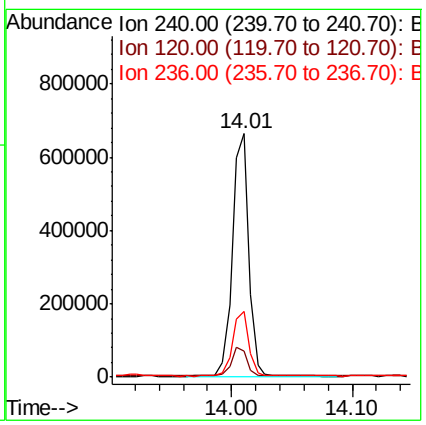


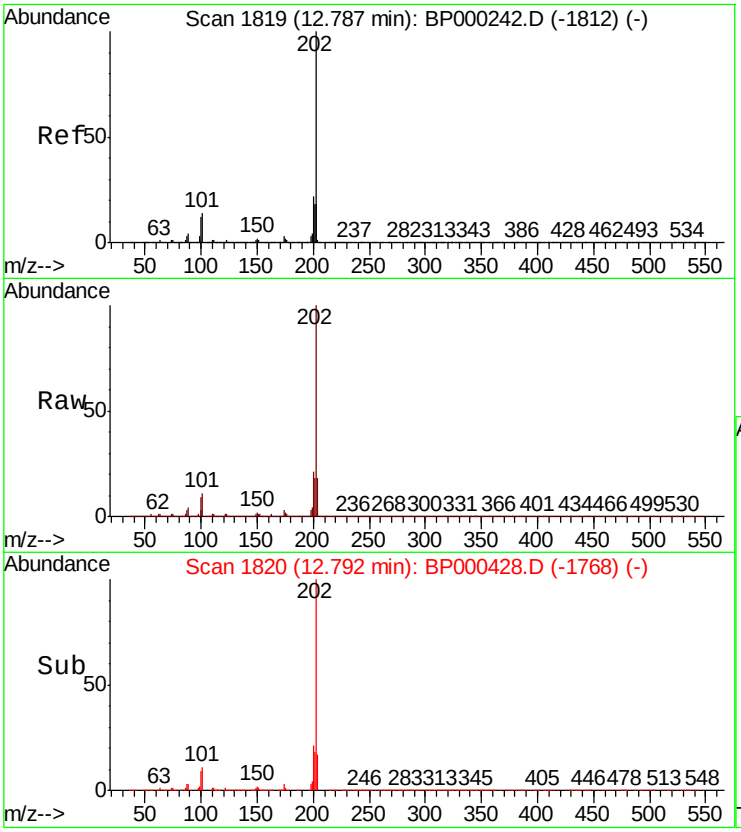


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Tgt Ion:240 Resp: 626966

Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.4	15.6
236	26.8	21.0	31.6



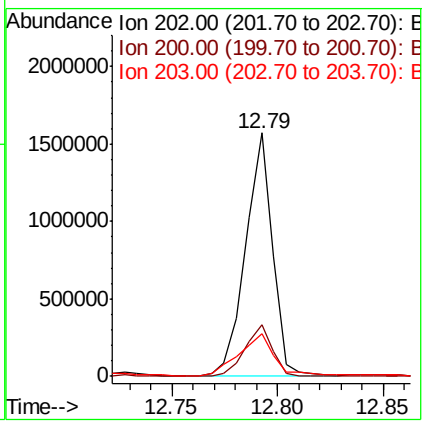


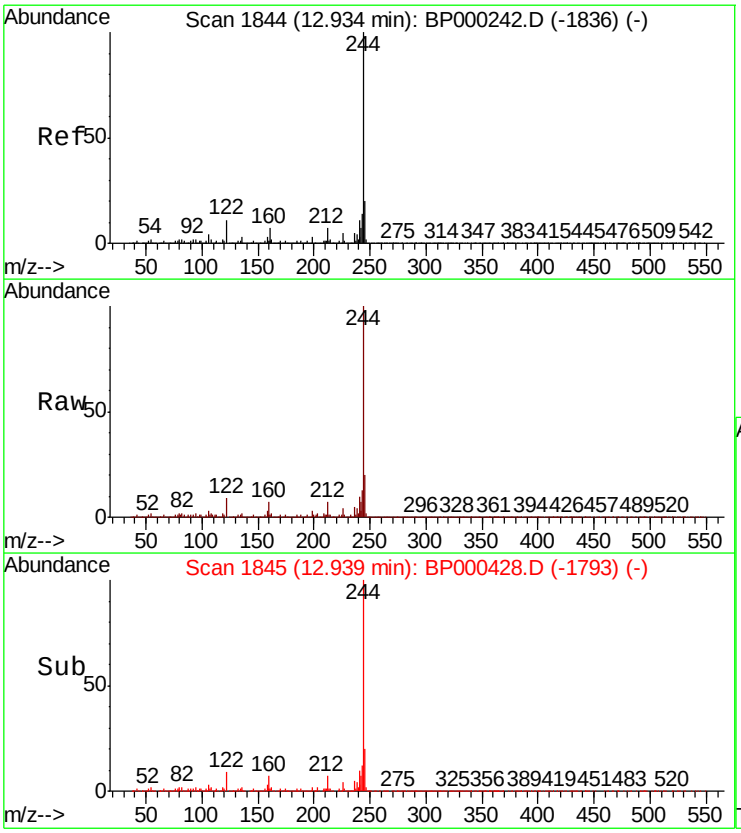
#78
Pyrene
Concen: 29.656 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 1391092

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.5	26.3
203	17.7	14.3	21.5

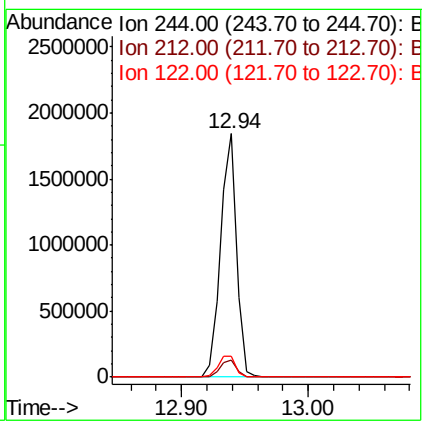


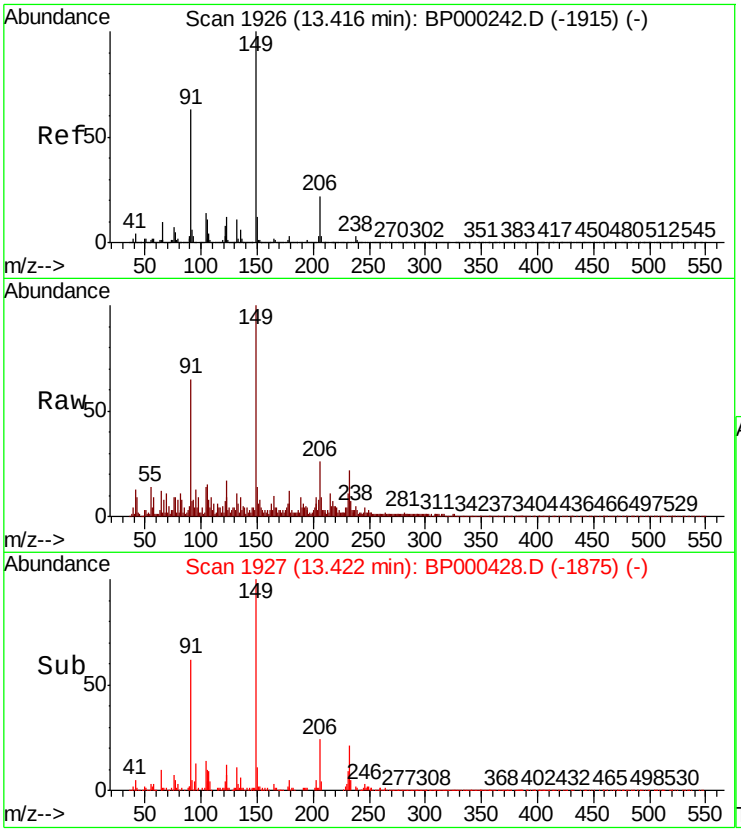


#79
Terphenyl-d14
Concen: 54.298 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Tgt Ion:244 Resp: 1622768

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	8.7	9.0	13.4#



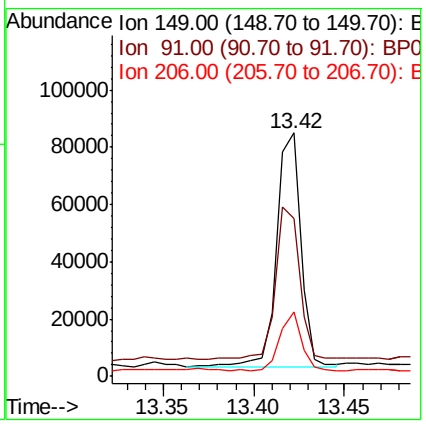


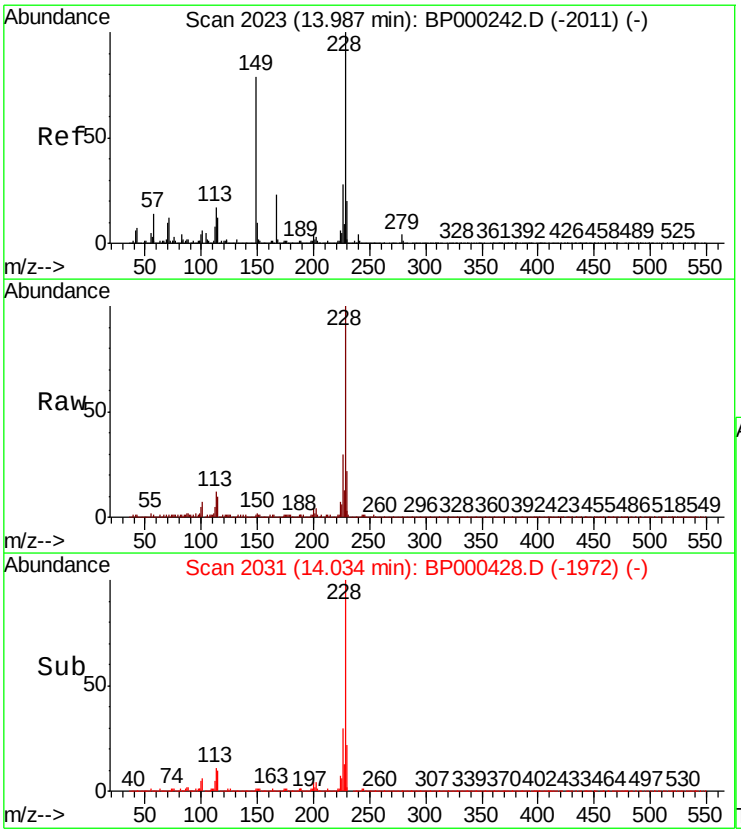
#80
Butylbenzylphthalate
Concen: 3.493 ng
RT: 13.42 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 75277

Ion	Ratio	Lower	Upper
149	100		
91	64.9	50.6	76.0
206	26.3	17.8	26.6

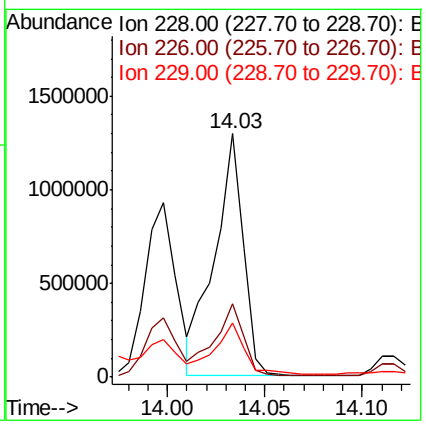


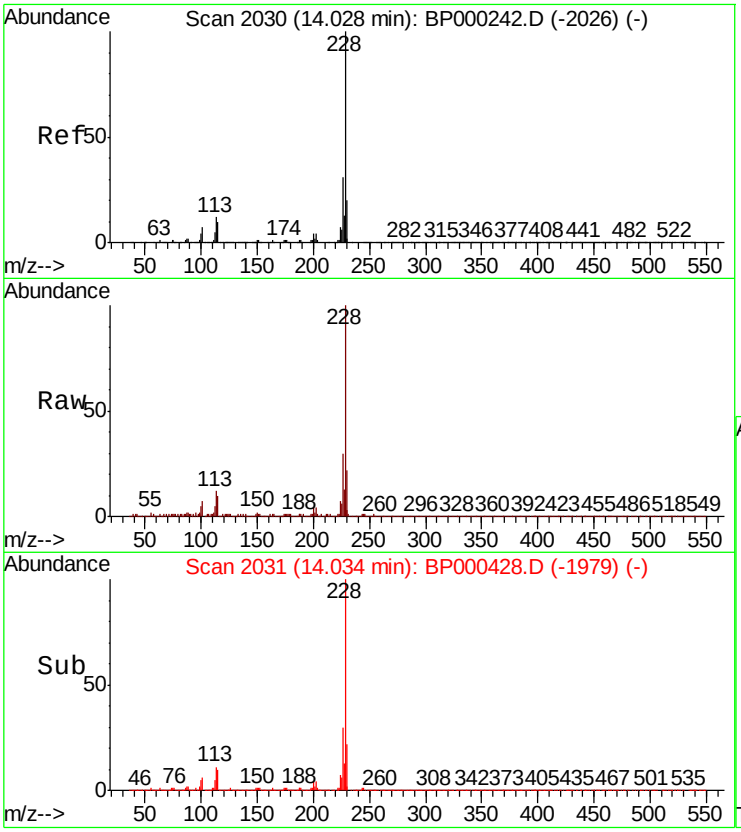


#81
Benzo(a)anthracene
Concen: 33.565 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.05 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Tgt Ion:228 Resp: 1329291

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.2	33.4
229	22.5	16.0	24.0



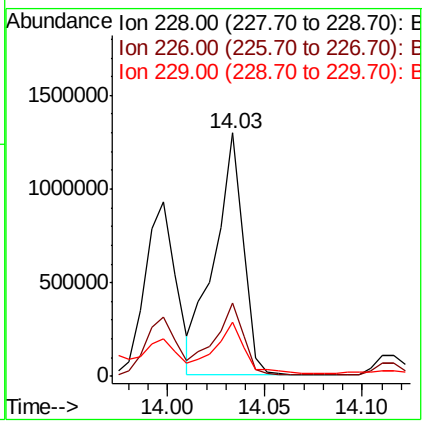


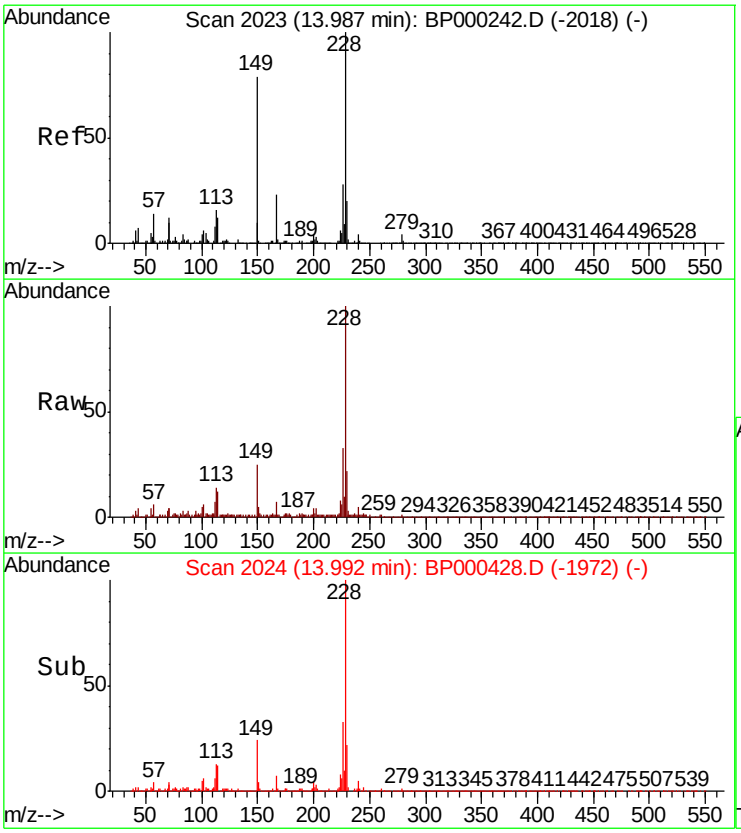
#83
Chrysene
Concen: 34.185 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 1329291

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	22.5	16.2	24.2

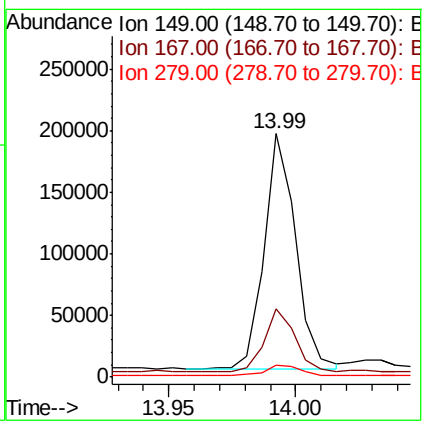


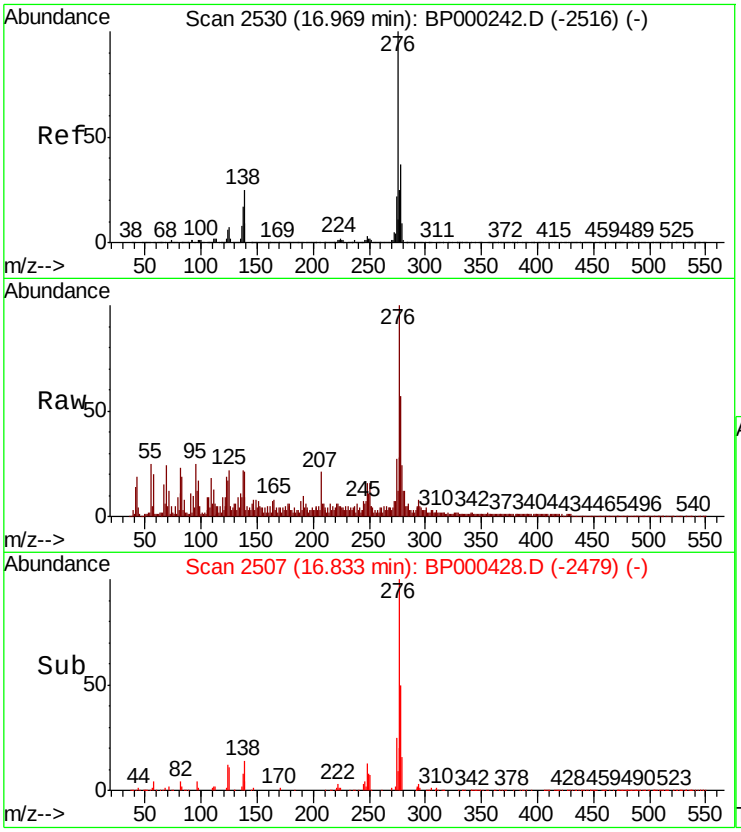


#84
Bis(2-ethylhexyl)phthalate
Concen: 6.407 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Tgt Ion:149 Resp: 165780

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.0	34.4
279	4.7	3.7	5.5



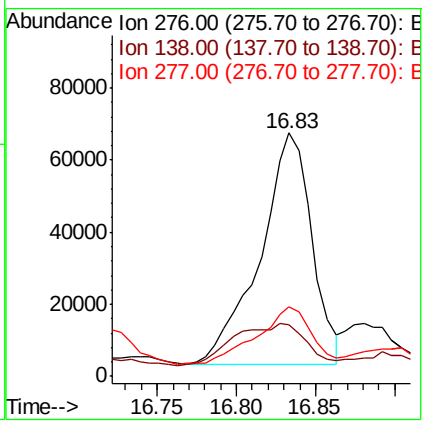


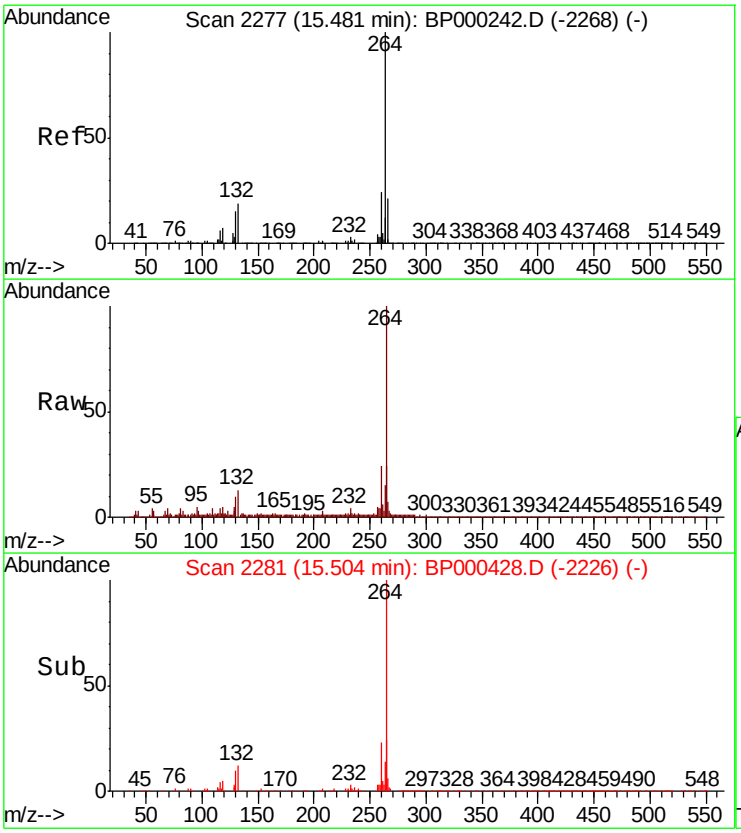
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.081 ng
RT: 16.83 min Scan# 2507
Delta R.T. -0.14 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 146052

Ion	Ratio	Lower	Upper
276	100		
138	24.6	22.6	33.8
277	24.7	20.4	30.6

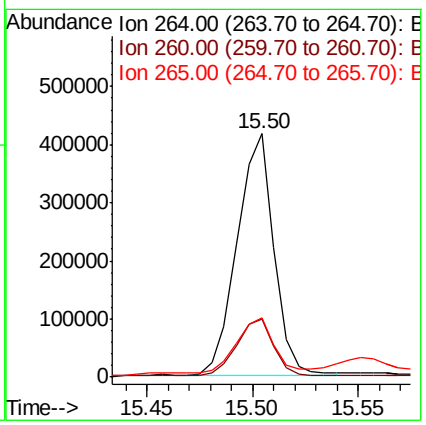


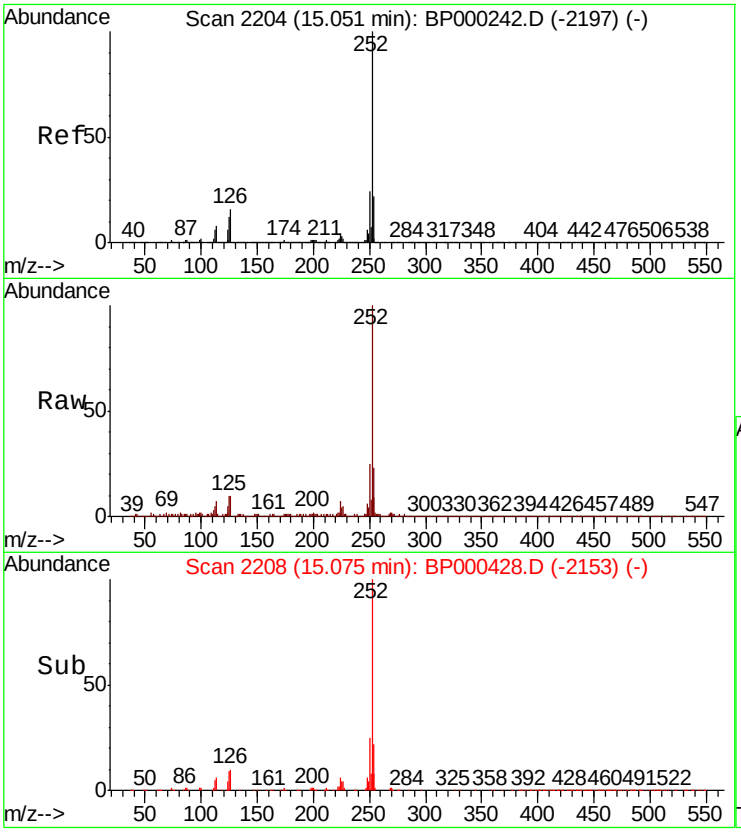


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.02 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Tgt Ion:264 Resp: 502612

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	24.3	17.2	25.8



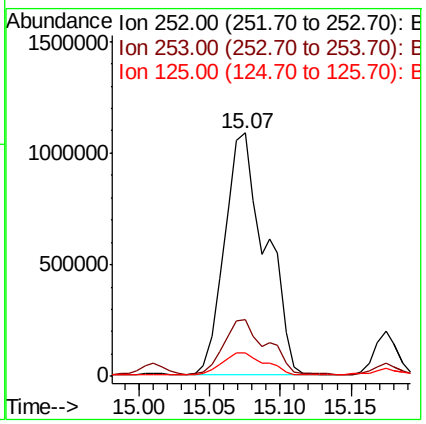


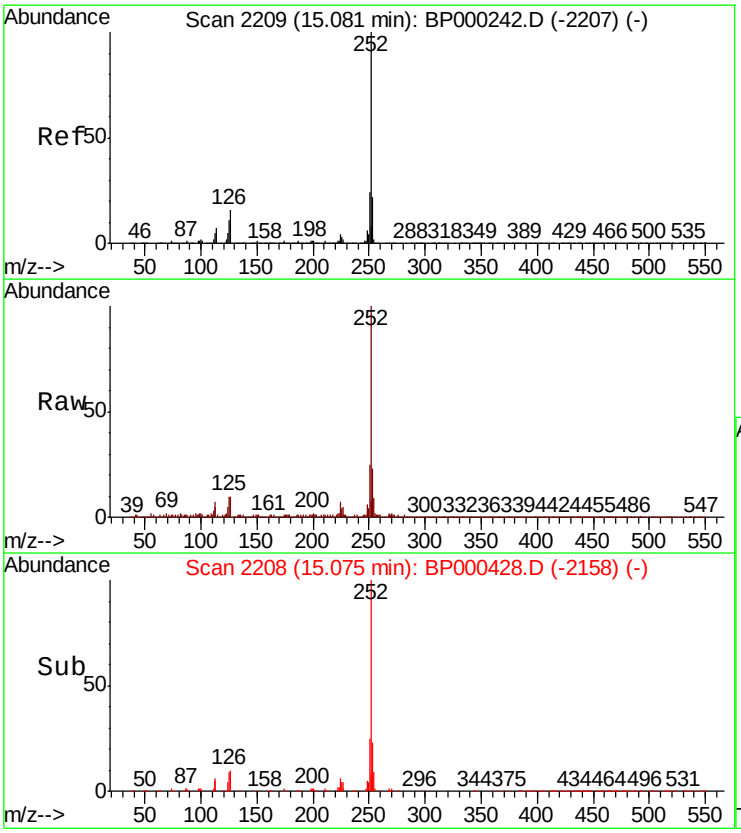
#88
Benzo(b)fluoranthene
Concen: 73.913 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.02 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 2216201

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	9.6	9.5	14.3

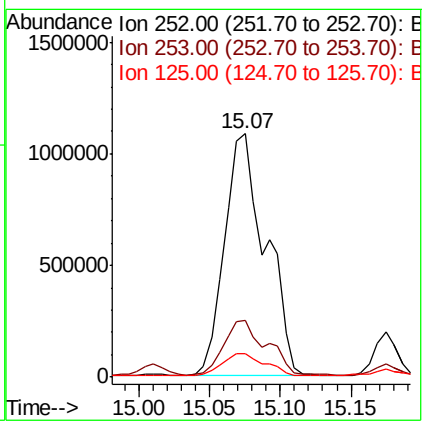


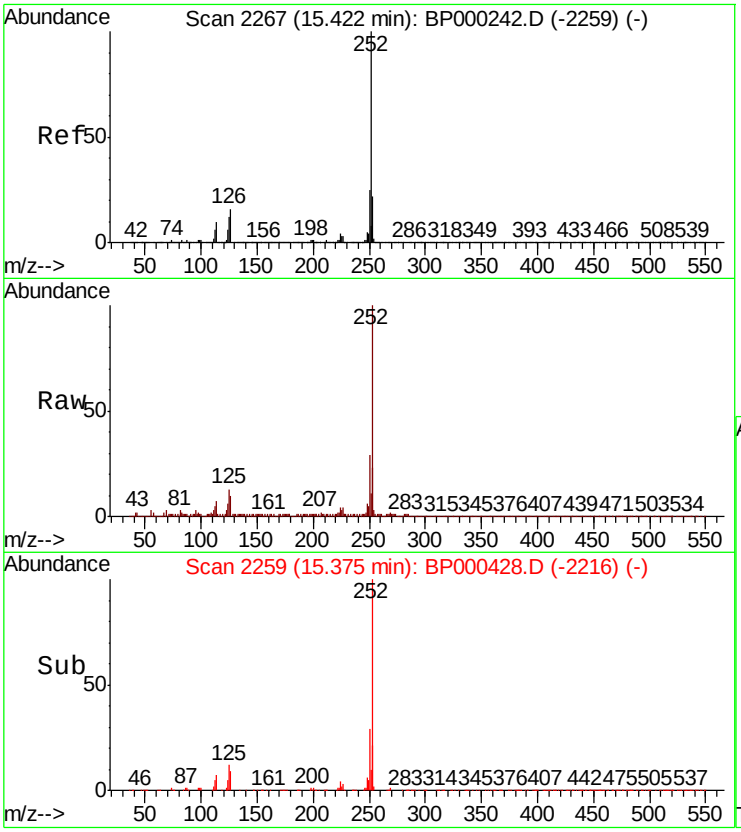


#89
Benzo(k)fluoranthene
Concen: 84.734 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Tgt Ion:252 Resp: 2216201

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	9.6	9.6	14.4



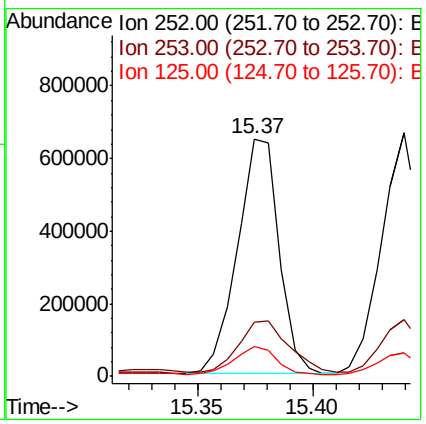


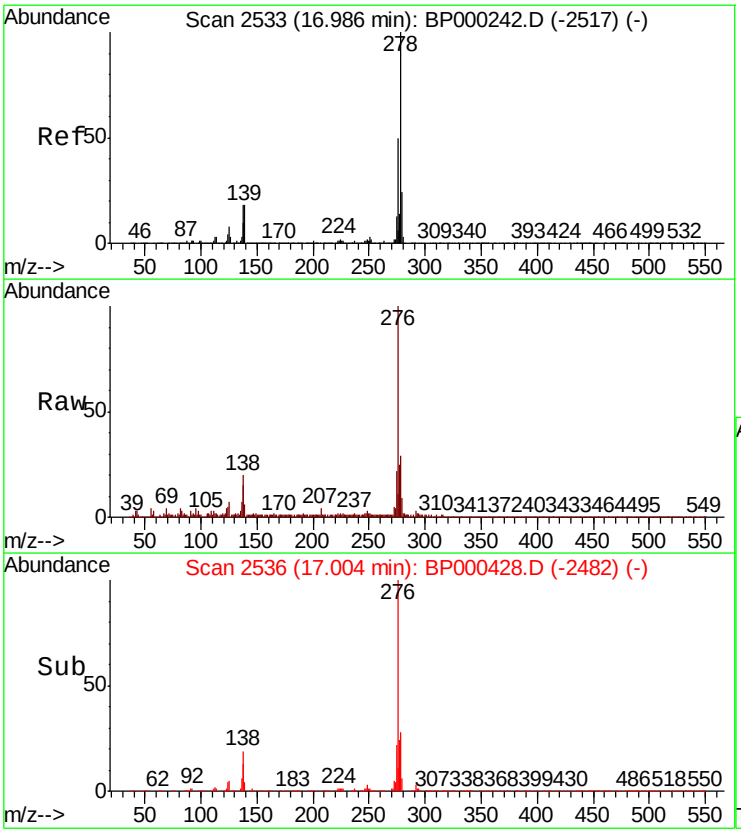
#90
Benzo(a)pyrene
Concen: 29.949 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.05 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 817090

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	12.8	10.0	15.0

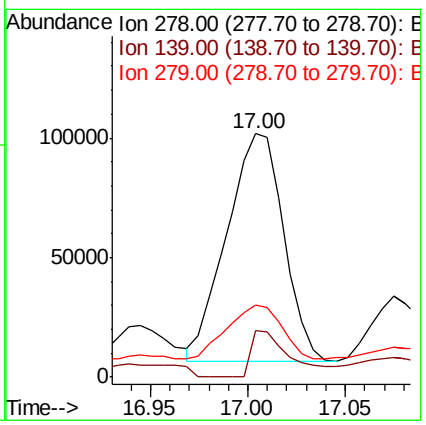


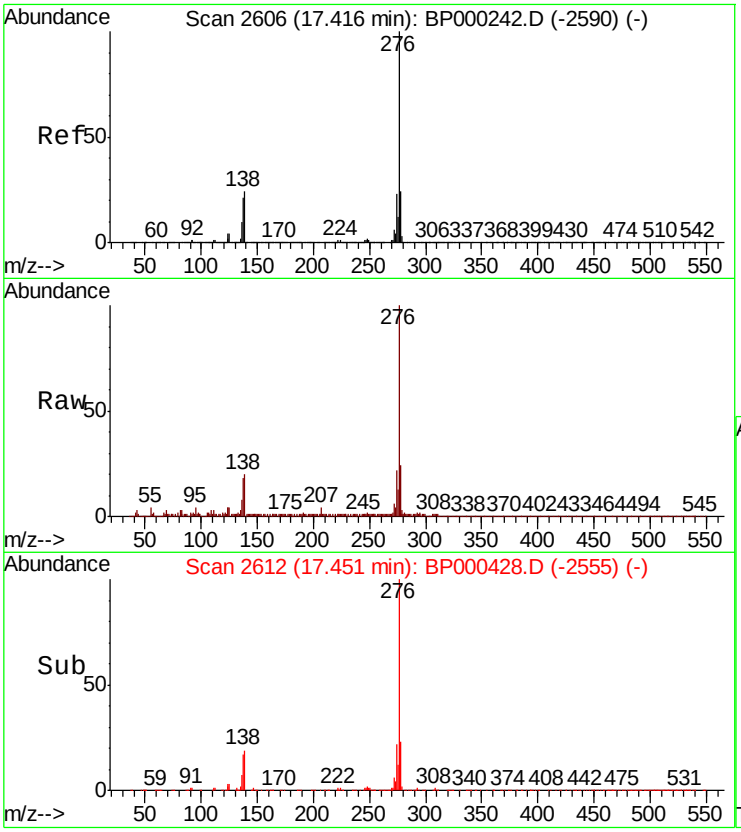


#91
Dibenzo(a,h)anthracene
Concen: 7.587 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.02 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Tgt Ion:278 Resp: 192997

Ion	Ratio	Lower	Upper
278	100		
139	19.2	14.5	21.7
279	29.9	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 27.800 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.04 min
Lab File: BP000428.D
Acq: 26 Sep 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 726858

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	19.9	19.5	29.3