Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
Data File : BP000363.D
Acq On : 20 Sep 2019 18:49
Operator : HP/JU
Sample : K4972-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 20 23:16:40 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	205970	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	797525	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	452344	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	753896	20.00	ng		0.00
76) Chrysene-d12	13.99	240	651370	20.00	ng		0.00
87) Perylene-d12	15.47	264	718985	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	726754	60.91	ng		0.00
7) Phenol-d6	6.43	99	937286	64.09	ng		0.00
23) Nitrobenzene-d5	7.35	82	500190	40.47	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	276695	61.67	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1156938	46.03	ng		0.00
79) Terphenyl-d14	12.93	244	1186459	38.21	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.33	77	870	Below Cal			85
10) Phenol	6.43	94	41337	2.488	ng		82
19) n-Nitroso-di-n-propylamine	7.35	70	62369	8.066	ng	#	76
25) Isophorone	7.35	82	499315	20.400	ng	#	63
50) Dimethylphthalate	9.55	163	274901	8.920	ng		99
57) 2,4-Dinitrotoluene	9.83	165	60718	6.854	ng	#	35
67) 4-Bromophenyl-phenylether	10.62	248	18339	2.151	ng	#	1
69) Atrazine	11.03	200	197	Below Cal		#	1
71) Phenanthrene	11.35	178	240753	6.373	ng		99
72) Anthracene	11.40	178	82808	2.129	ng		99
75) Fluoranthene	12.55	202	544427	13.420	ng		95
78) Pyrene	12.78	202	528680	10.848	ng		99
81) Benzo(a)anthracene	13.98	228	299320	7.275	ng		95
83) Chrysene	14.02	228	266052	6.586	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	161564	3.281	ng	#	91
88) Benzo(b)fluoranthene	15.04	252	527790	12.305	ng		97
89) Benzo(k)fluoranthene	15.04	252	527790	14.107	ng		97
90) Benzo(a)pyrene	15.41	252	284078	7.279	ng		97
92) Benzo(g,h,i)perylene	17.40	276	146094	3.906	ng		95

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

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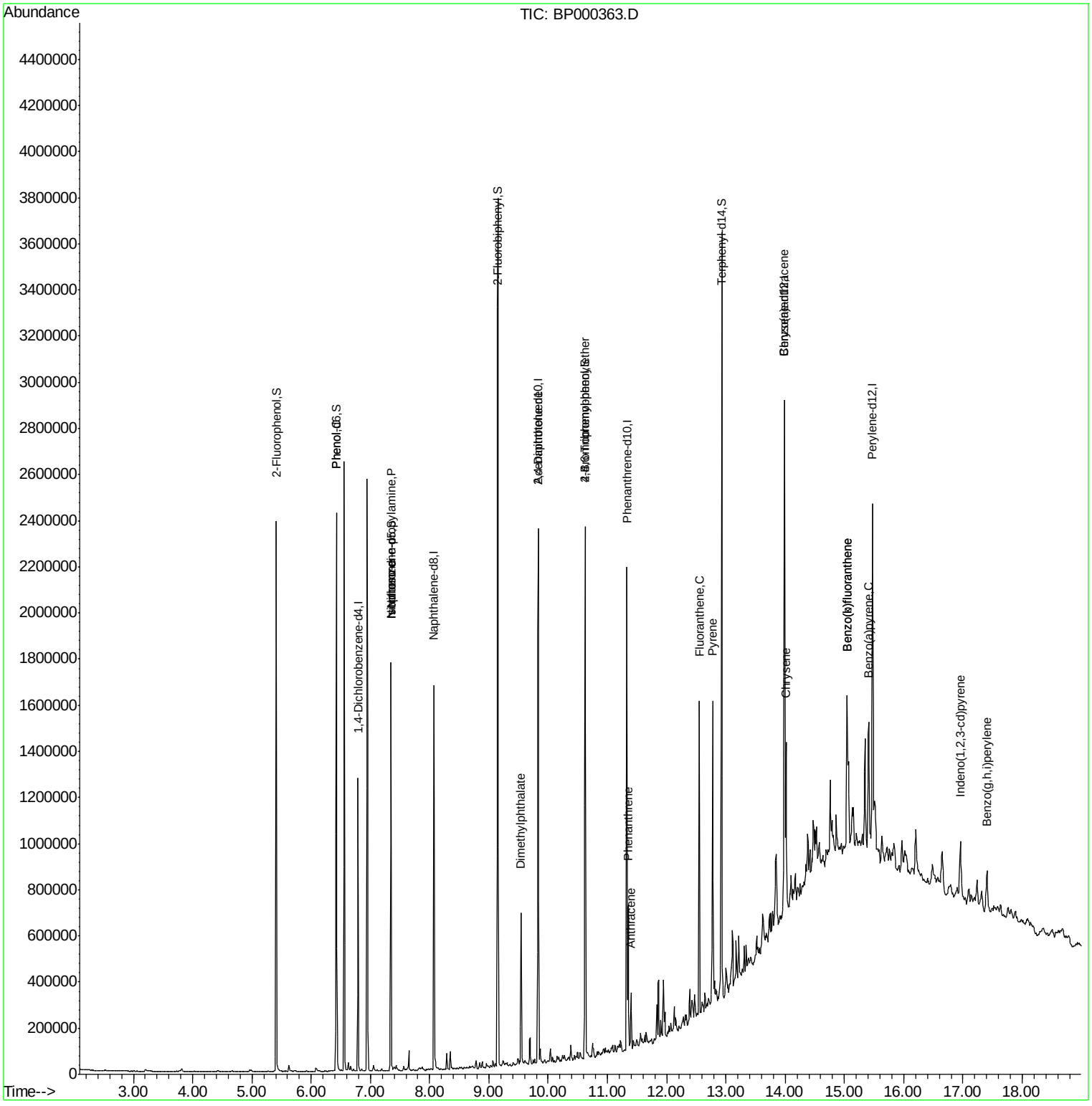
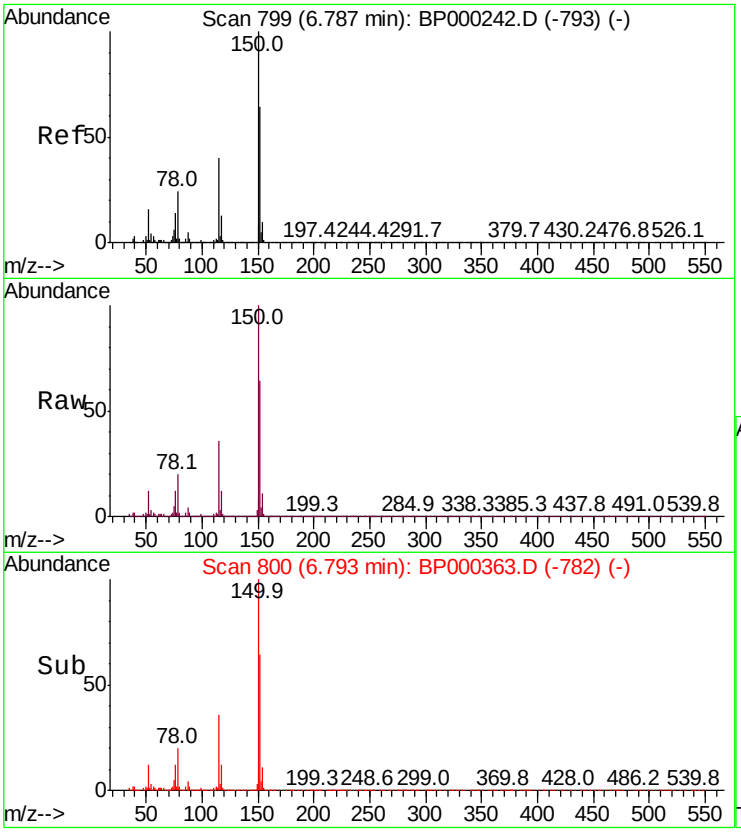


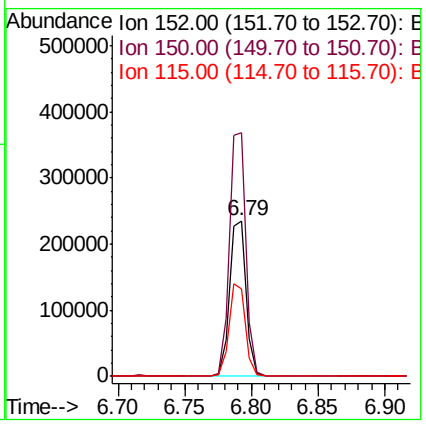


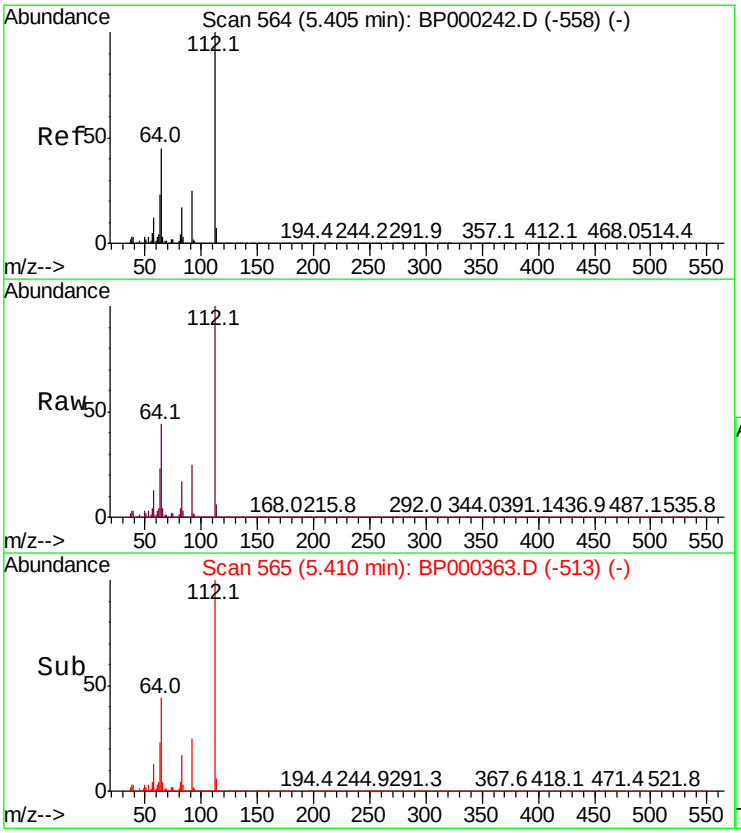
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 205970

Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.2	187.8
115	55.9	49.7	74.5

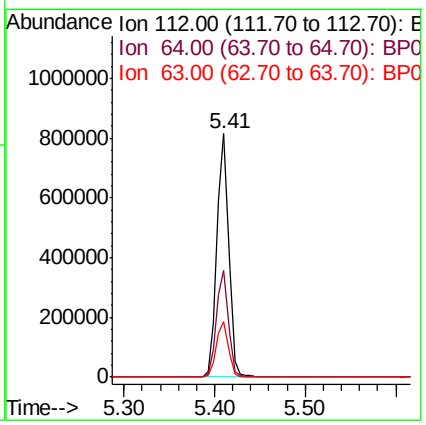


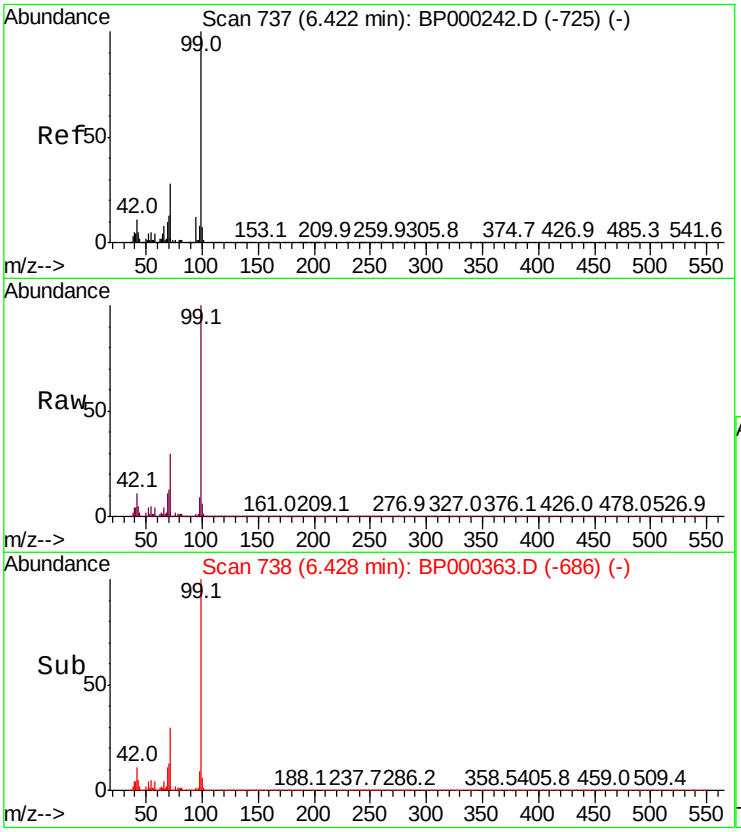


#5
2-Fluorophenol
Concen: 60.913 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Tgt Ion:112 Resp: 726754

Ion	Ratio	Lower	Upper
112	100		
64	43.6	36.2	54.4
63	23.0	18.3	27.5



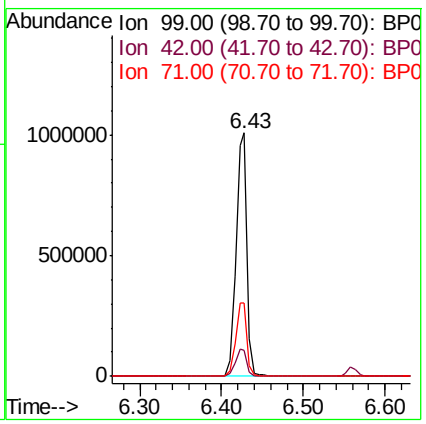


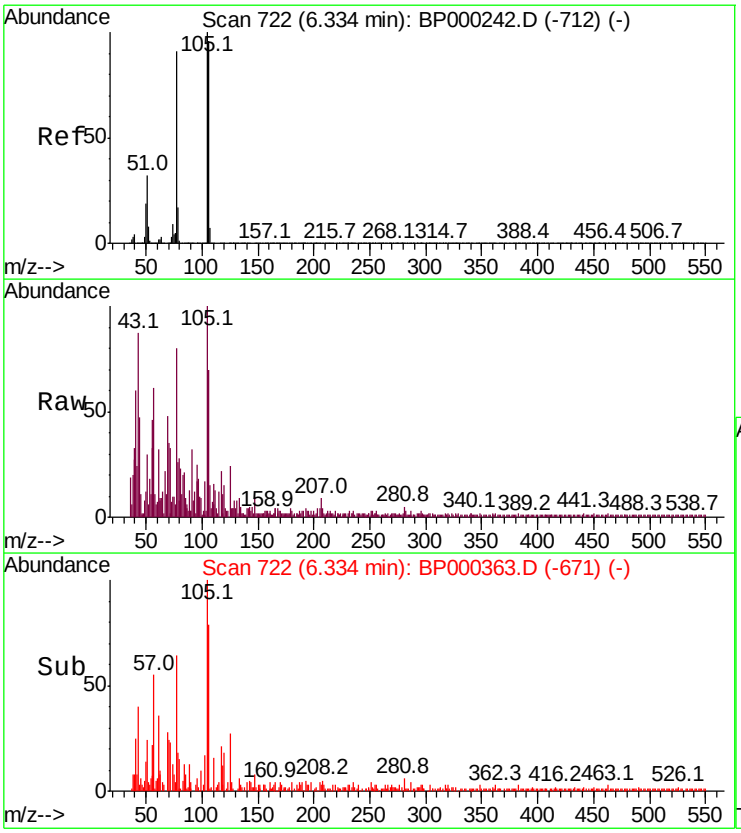
#7
Phenol-d6
Concen: 64.089 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 937286

Ion	Ratio	Lower	Upper
99	100		
42	10.6	8.5	12.7
71	30.3	22.6	34.0

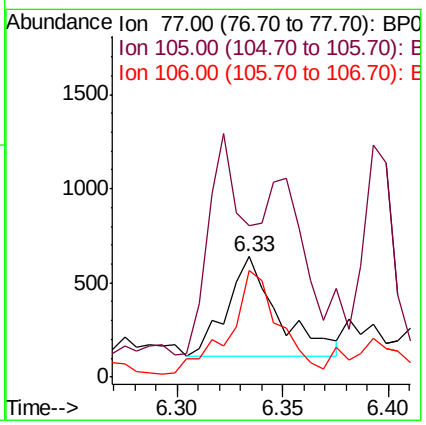


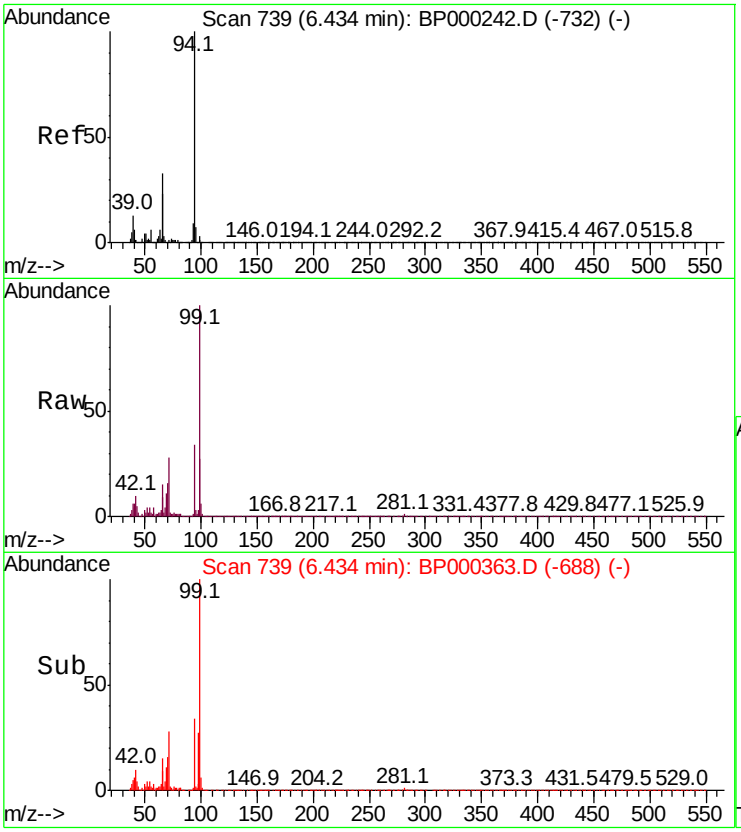


#9
Benzaldehyde
Concen: Below Cal
RT: 6.33 min Scan# 722
Delta R.T. -0.00 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Tgt Ion: 77 Resp: 870

Ion	Ratio	Lower	Upper
77	100		
105	125.5	89.6	129.6
106	88.4	84.6	124.6



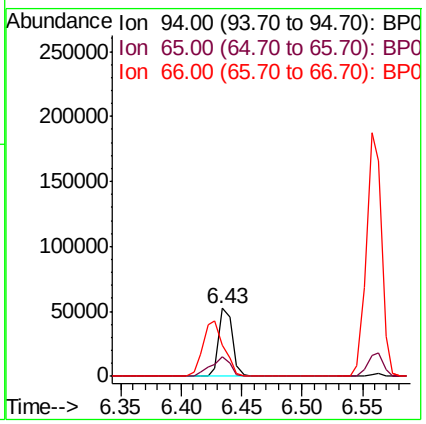


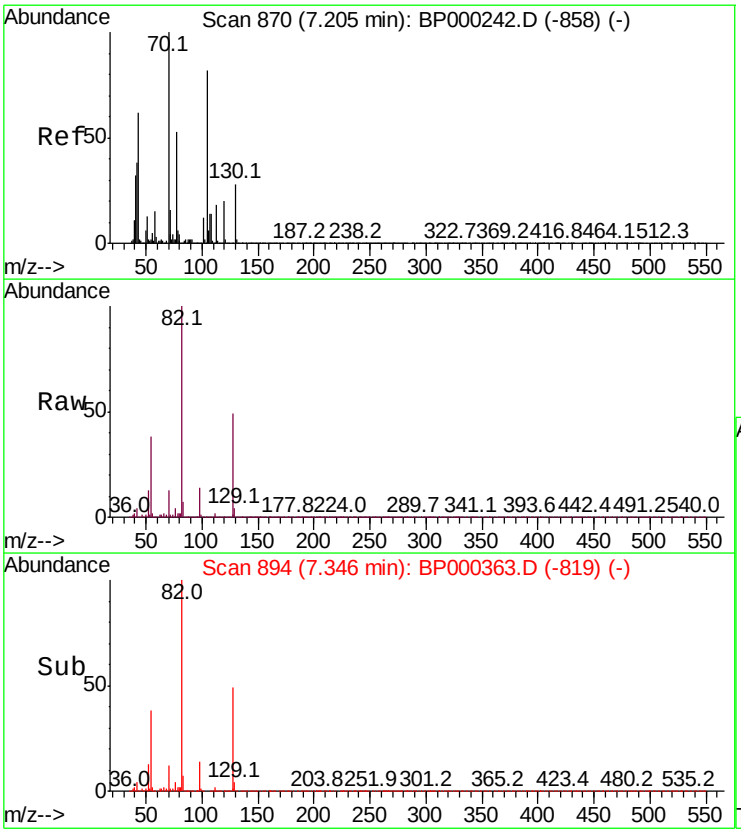
#10
Phenol
Concen: 2.488 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 41337

Ion	Ratio	Lower	Upper
94	100		
65	28.1	3.3	43.3
66	46.0	12.7	52.7

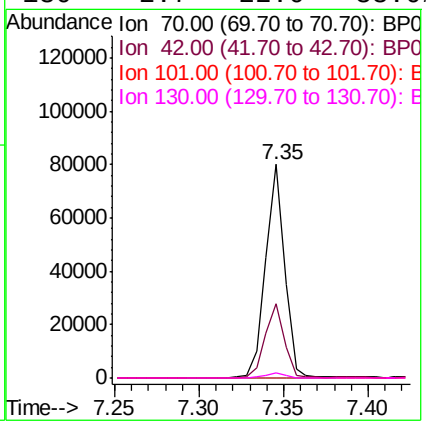


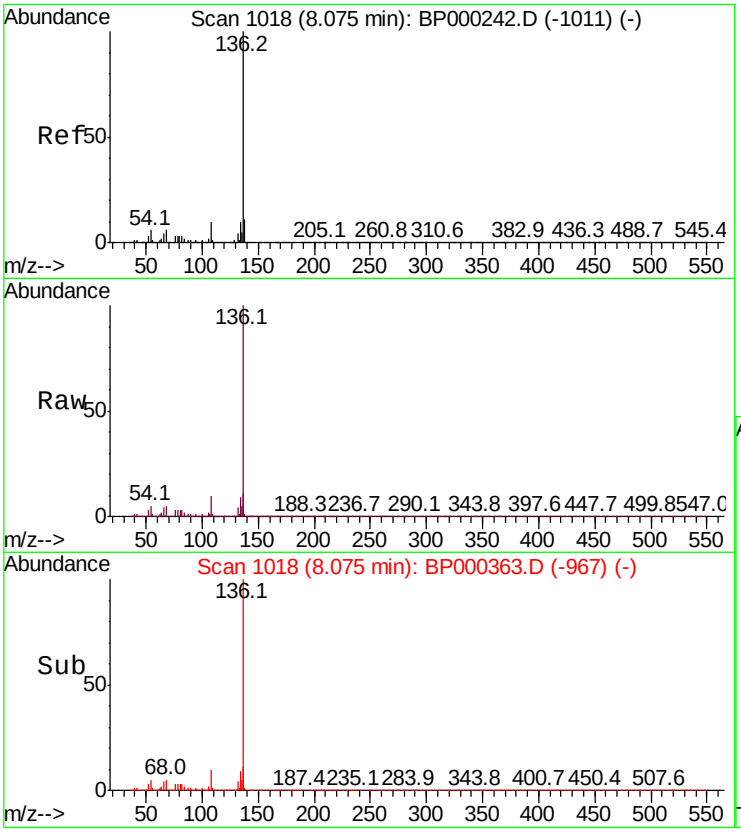


#19
n-Nitroso-di-n-propylamine
Concen: 8.066 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Tgt Ion: 70 Resp: 62369

Ion	Ratio	Lower	Upper
70	100		
42	34.8	30.7	46.1
101	0.1	9.6	14.4#
130	2.7	22.0	33.0#



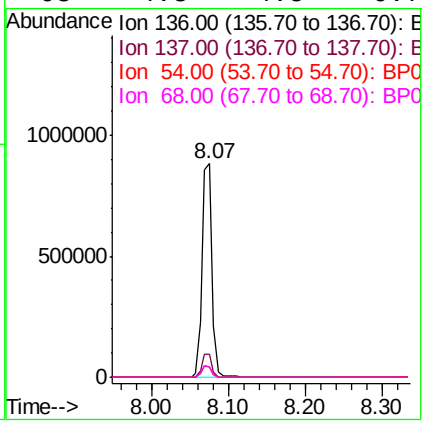


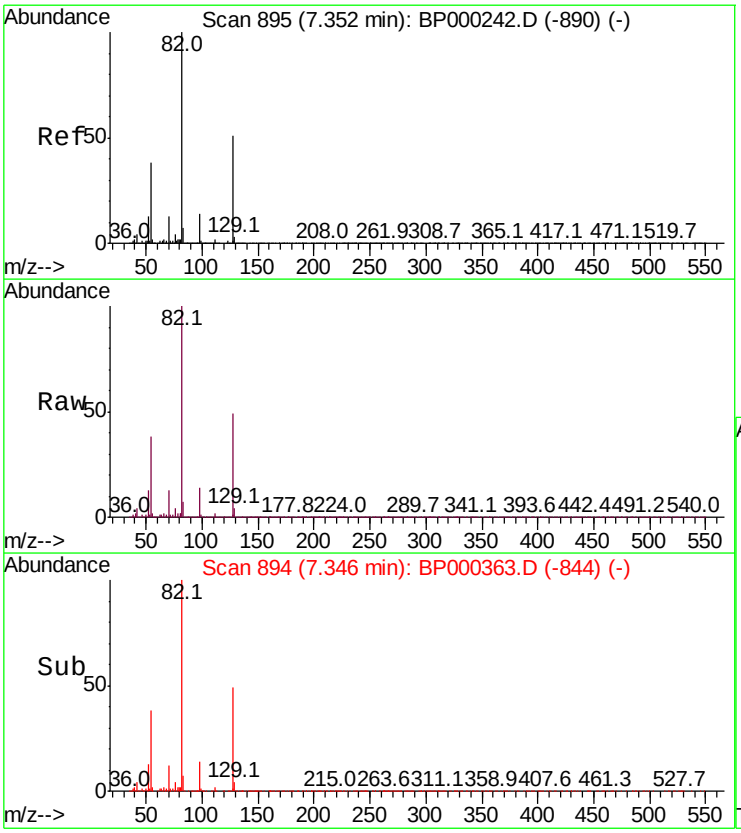
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 797525

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	4.9	4.5	6.7
68	4.8	4.5	6.7

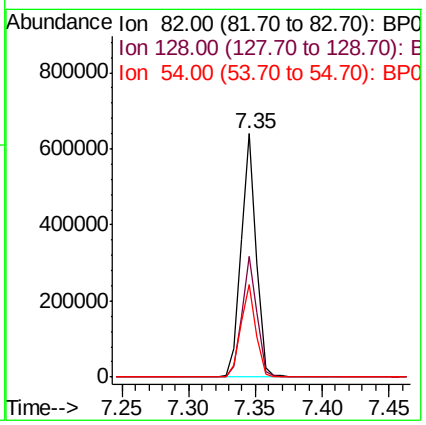


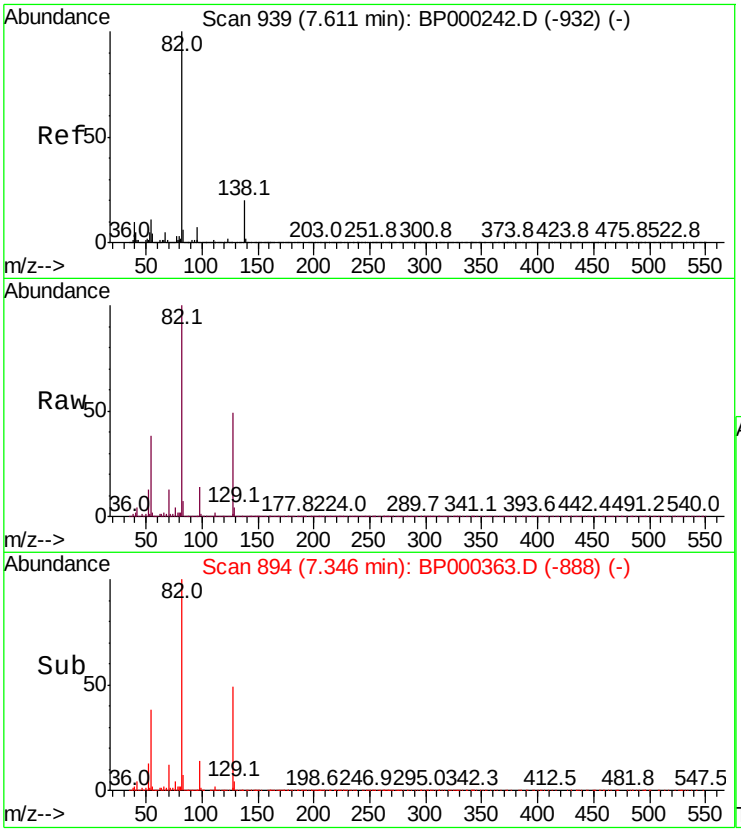


#23
Nitrobenzene-d5
Concen: 40.465 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Tgt Ion: 82 Resp: 500190

Ion	Ratio	Lower	Upper
82	100		
128	49.3	40.7	61.1
54	38.0	30.1	45.1



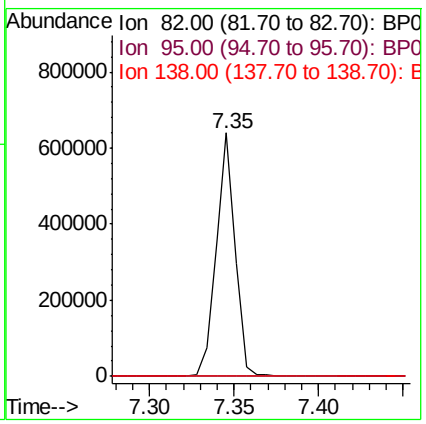


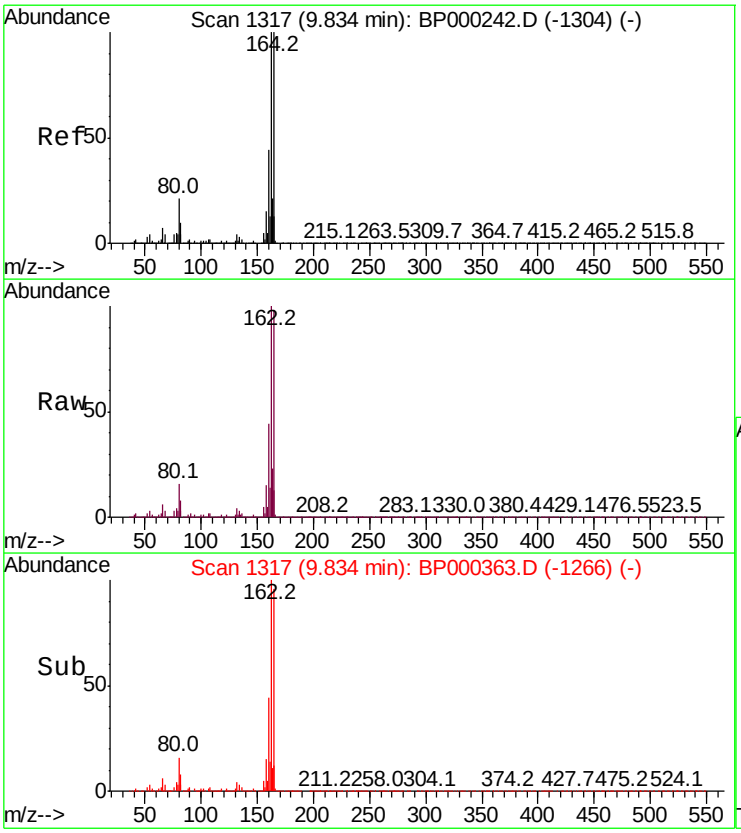
#25
Isophorone
Concen: 20.400 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 499315

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

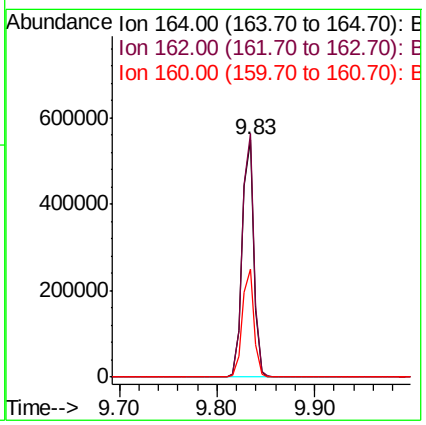


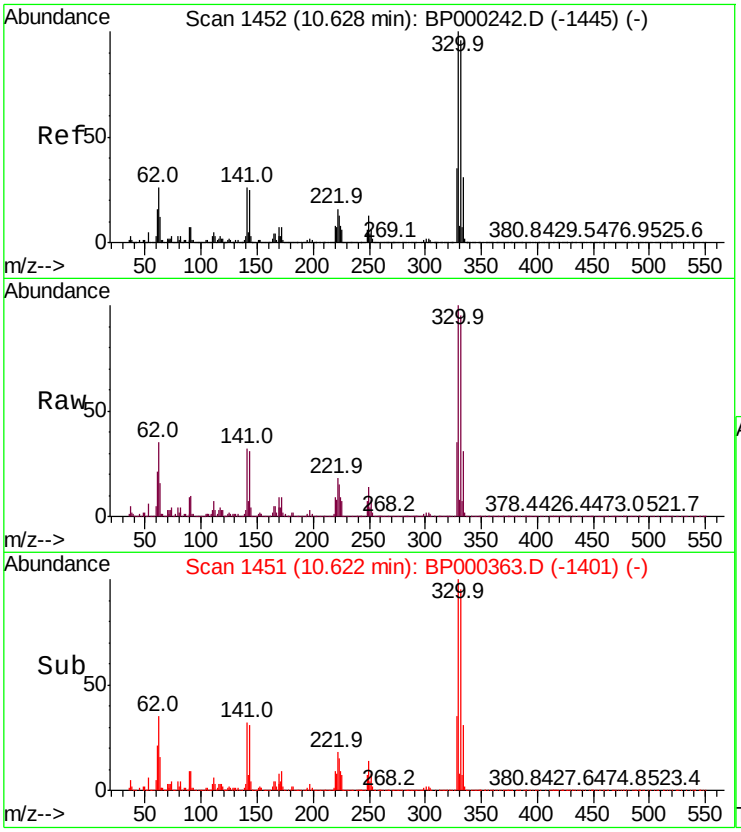


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Tgt Ion:164 Resp: 452344

Ion	Ratio	Lower	Upper
164	100		
162	102.6	79.9	119.9
160	45.4	35.6	53.4



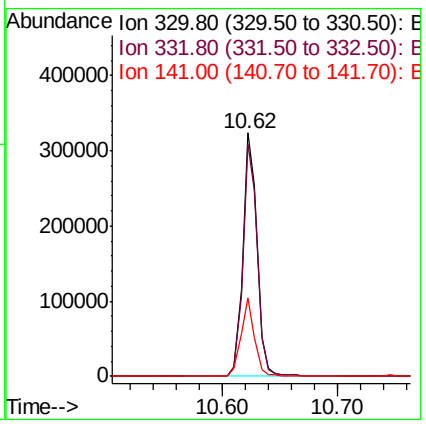


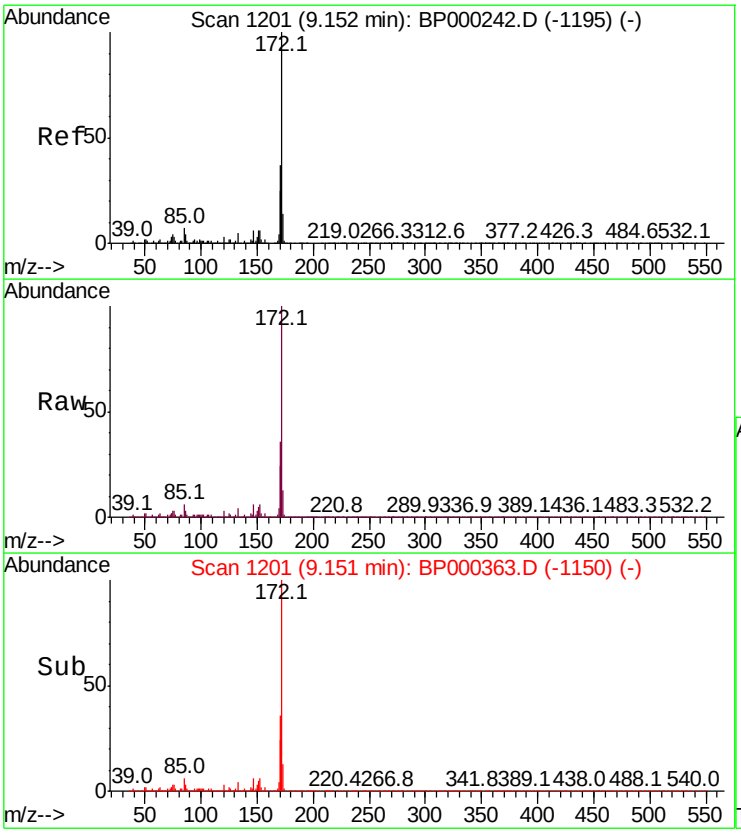
#42
2,4,6-Tribromophenol
Concen: 61.671 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 276695

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	30.6	26.5	39.7

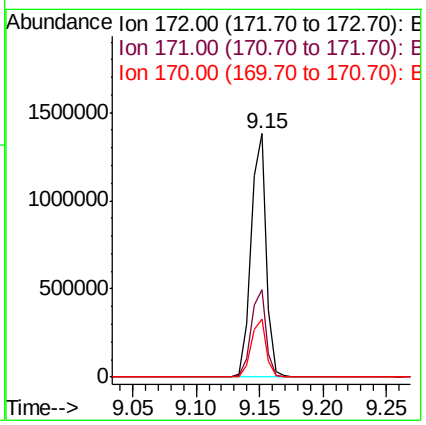


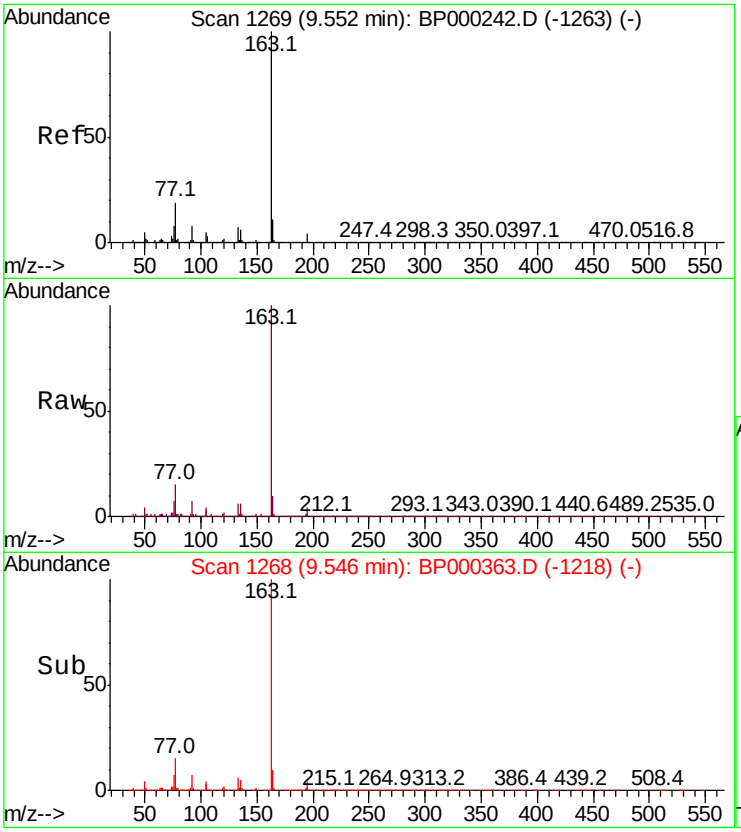


#45
2-Fluorobiphenyl
Concen: 46.033 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Tgt Ion:172 Resp: 1156938

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.8	44.6
170	23.9	19.8	29.6



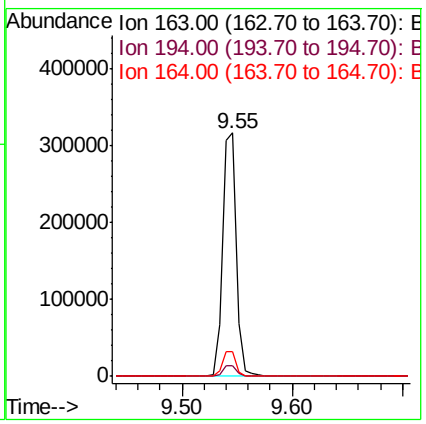


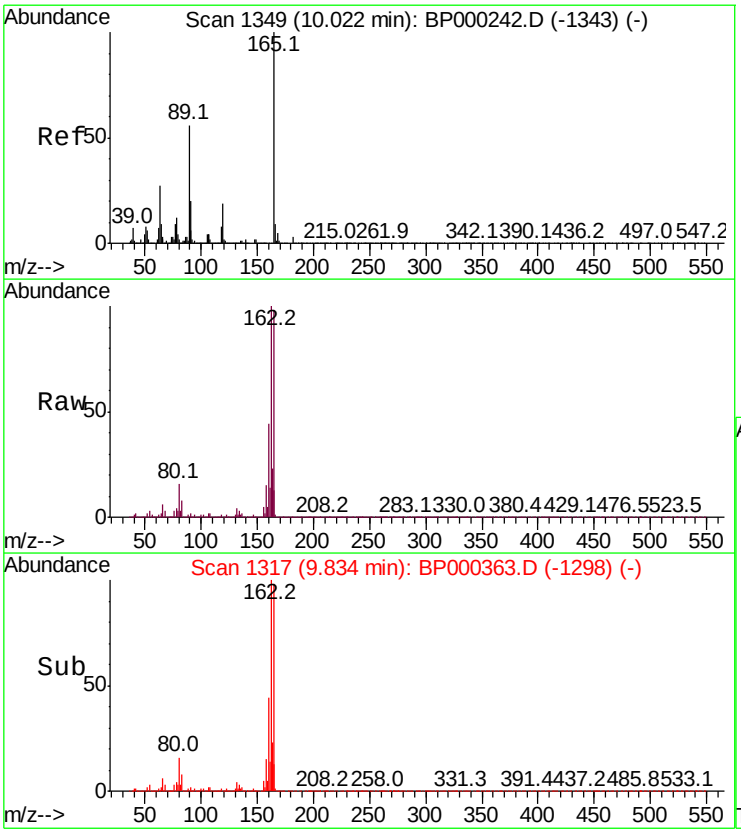
#50
Dimethylphthalate
Concen: 8.920 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 274901

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	9.9	8.5	12.7

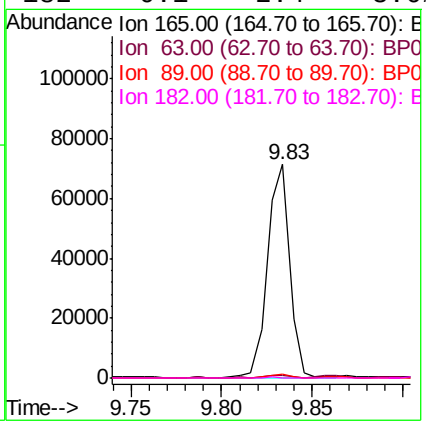


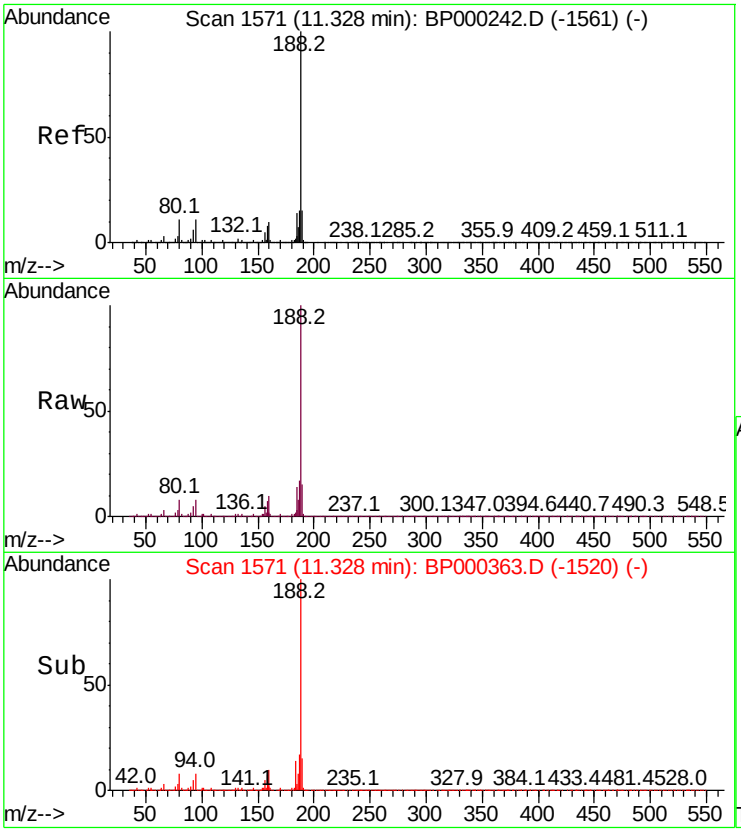


#57
2,4-Dinitrotoluene
Concen: 6.854 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Tgt Ion:165 Resp: 60718

Ion	Ratio	Lower	Upper
165	100		
63	1.2	21.7	32.5#
89	1.7	45.0	67.6#
182	0.1	2.4	3.6#



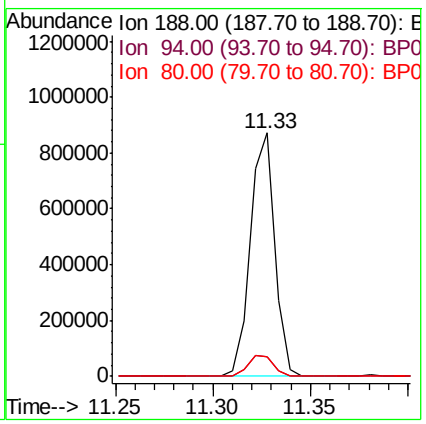


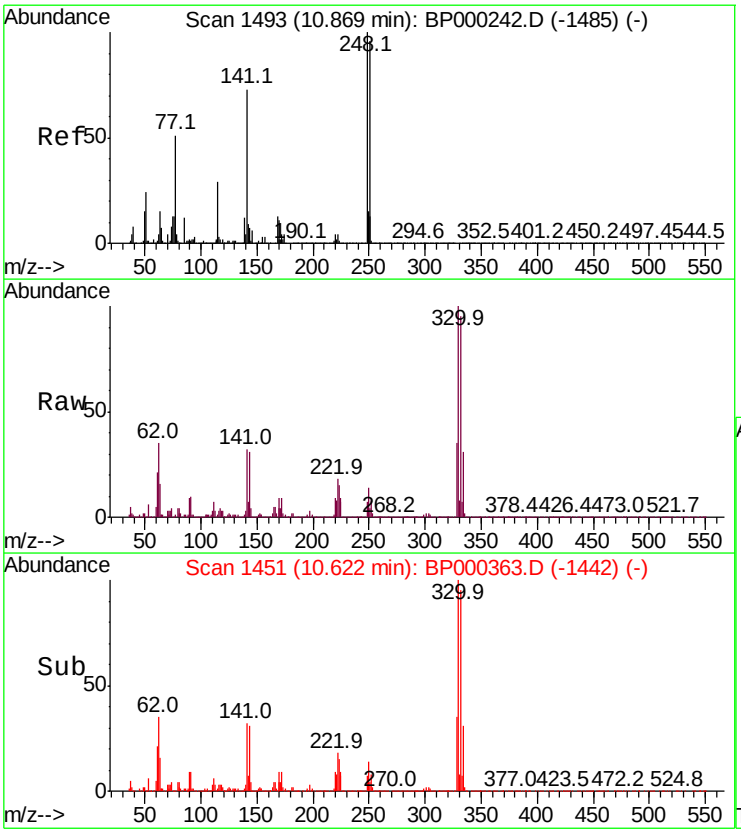
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 753896

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.2	8.6	13.0#

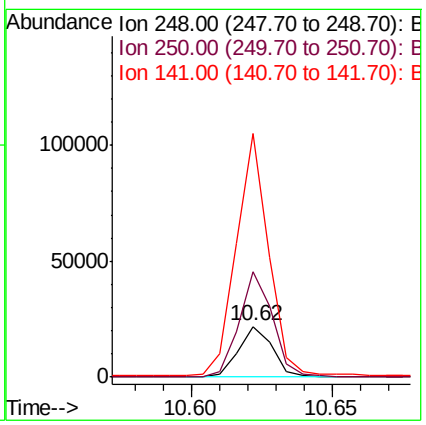


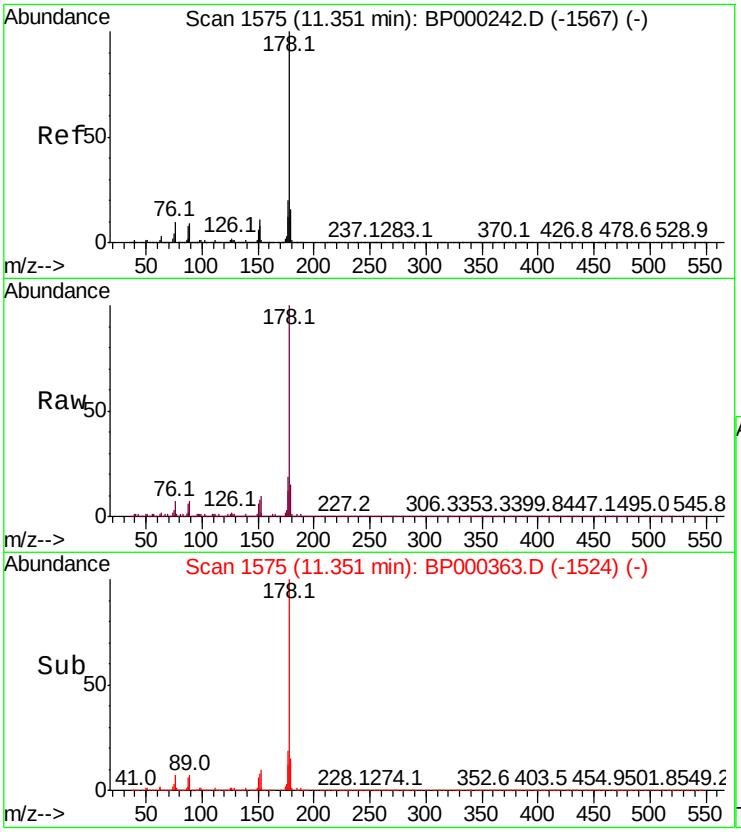


#67
4-Bromophenyl-phenylether
Concen: 2.151 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Tgt Ion:248 Resp: 18339

Ion	Ratio	Lower	Upper
248	100		
250	206.6	77.0	115.4#
141	478.1	58.5	87.7#



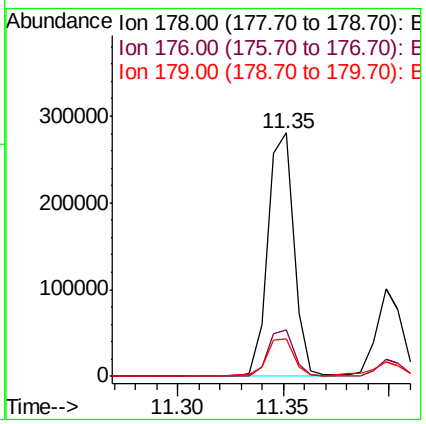


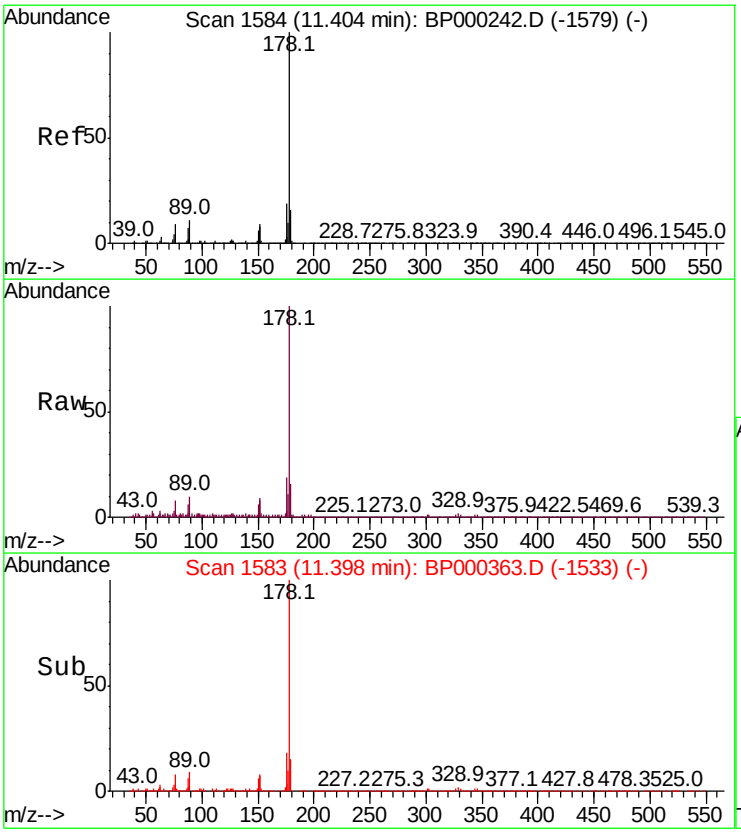
#71
Phenanthrene
Concen: 6.373 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 240753

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.3	12.7	19.1

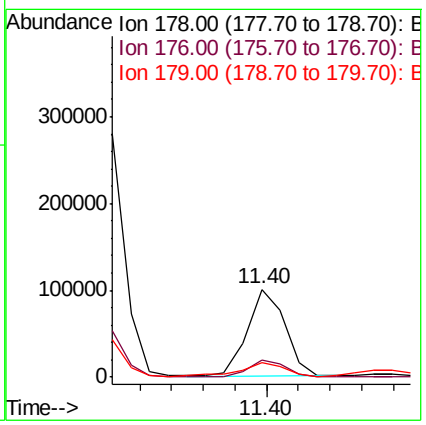


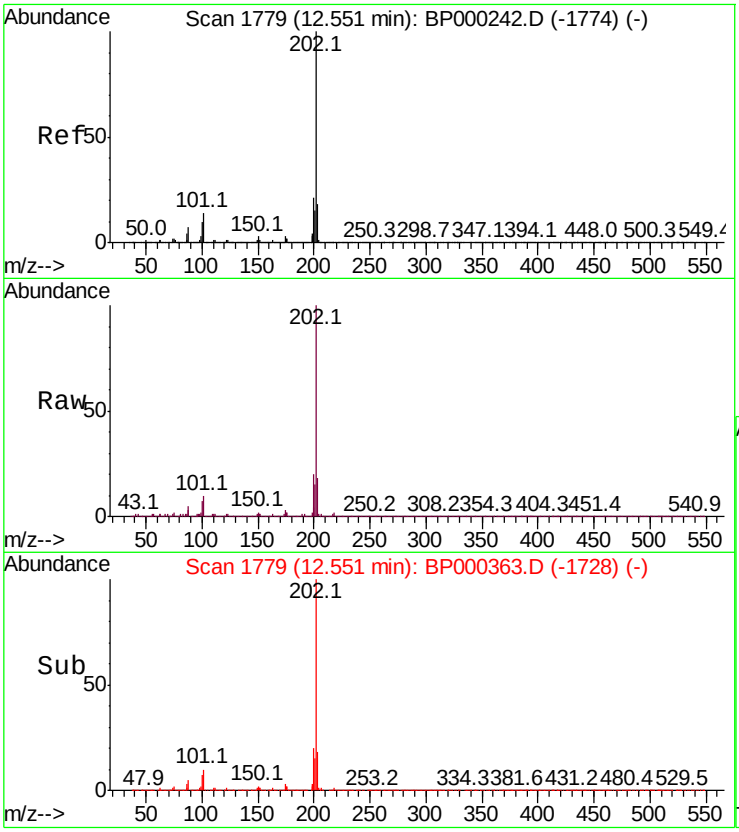


#72
Anthracene
Concen: 2.129 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Tgt Ion:178 Resp: 82808

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.9	12.7	19.1



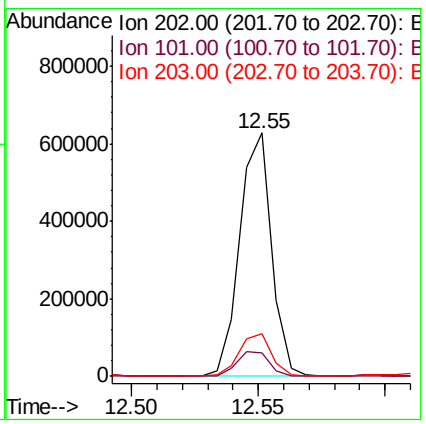


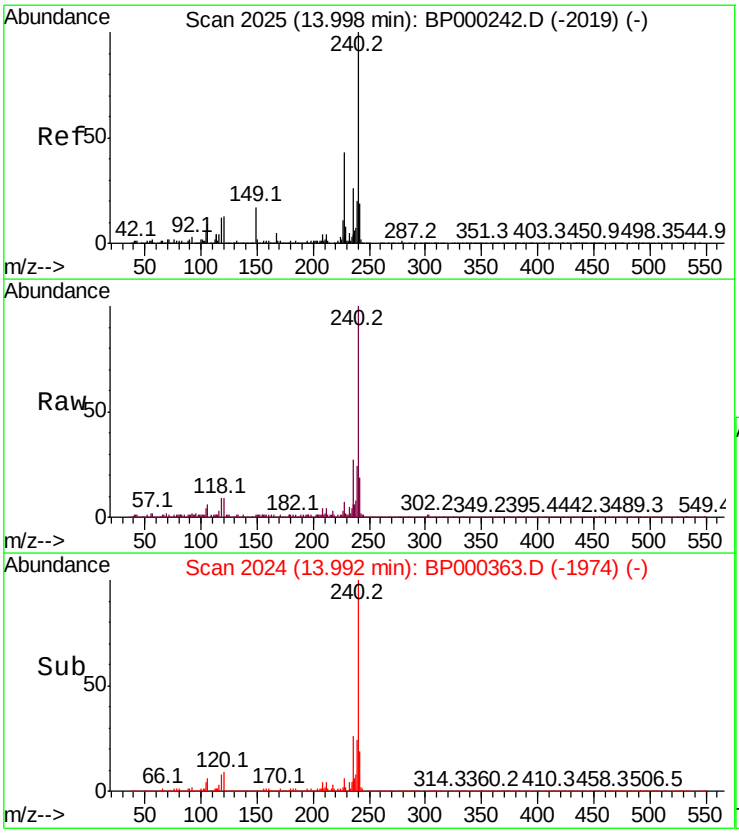
#75
Fluoranthene
Concen: 13.420 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 544427

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	33.9
203	17.6	0.0	38.0

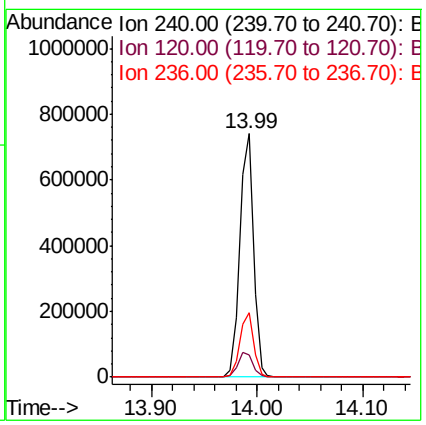


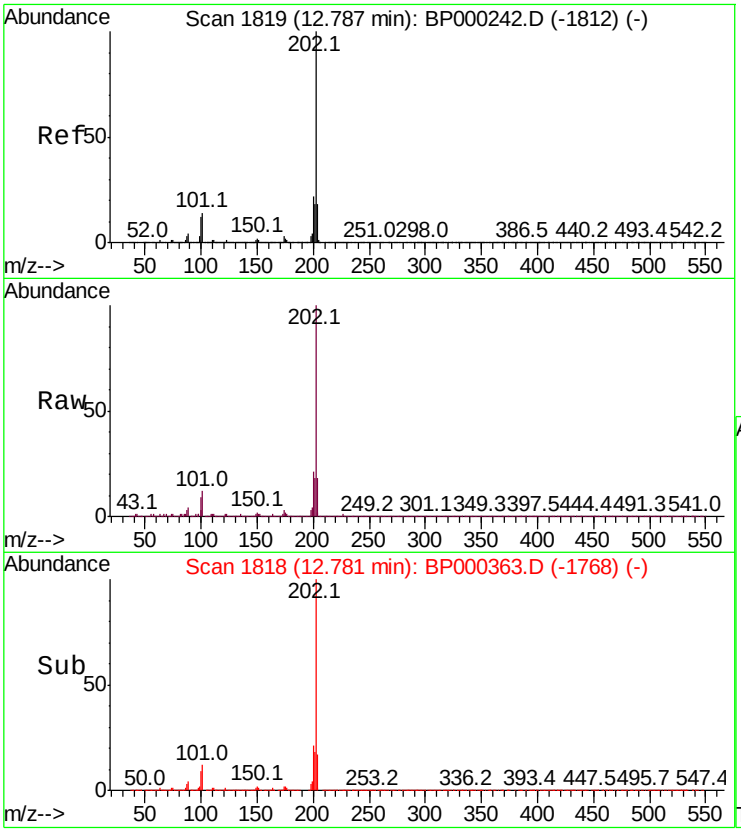


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Tgt Ion:240 Resp: 651370

Ion	Ratio	Lower	Upper
240	100		
120	9.3	10.4	15.6#
236	26.6	21.0	31.6



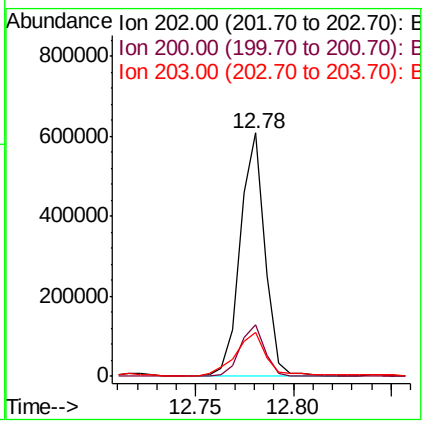


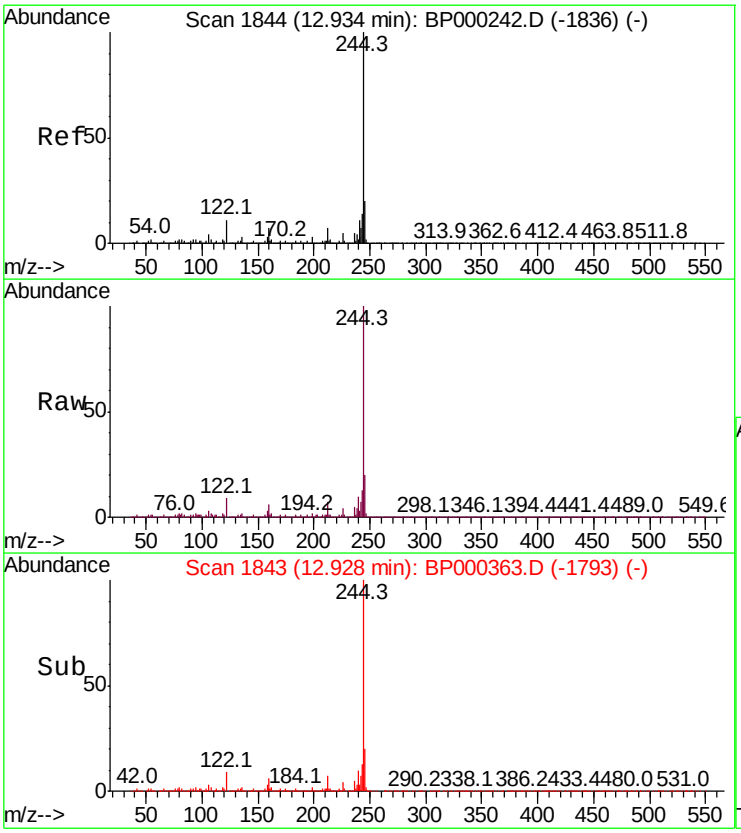
#78
Pyrene
Concen: 10.848 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 528680

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.5	26.3
203	17.9	14.3	21.5

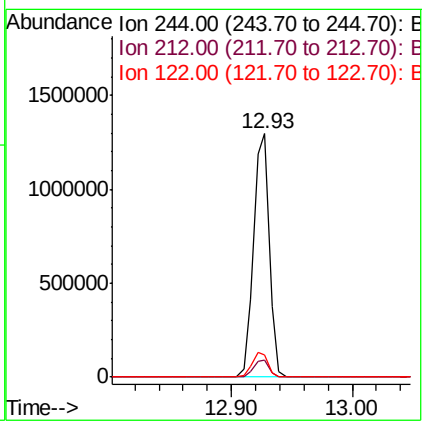


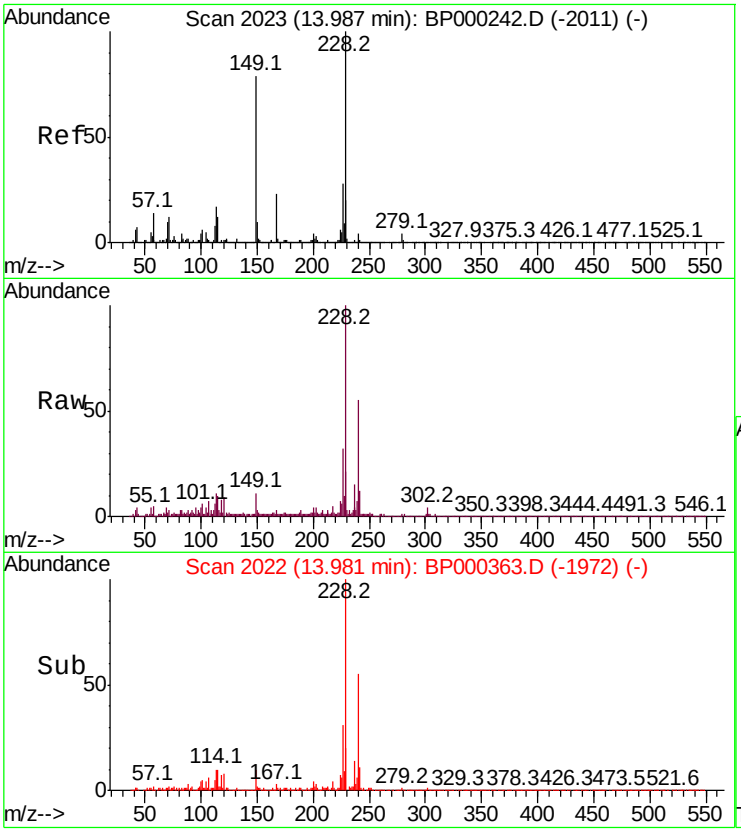


#79
Terphenyl-d14
Concen: 38.212 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Tgt Ion:244 Resp: 1186459

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	8.9	9.0	13.4#



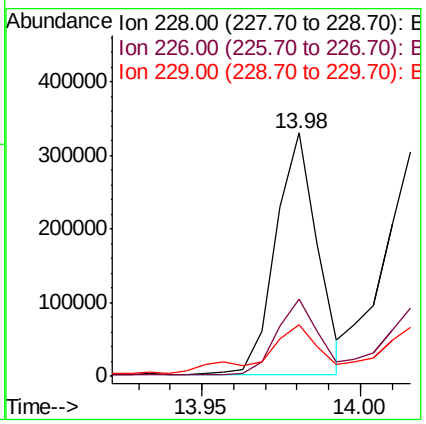


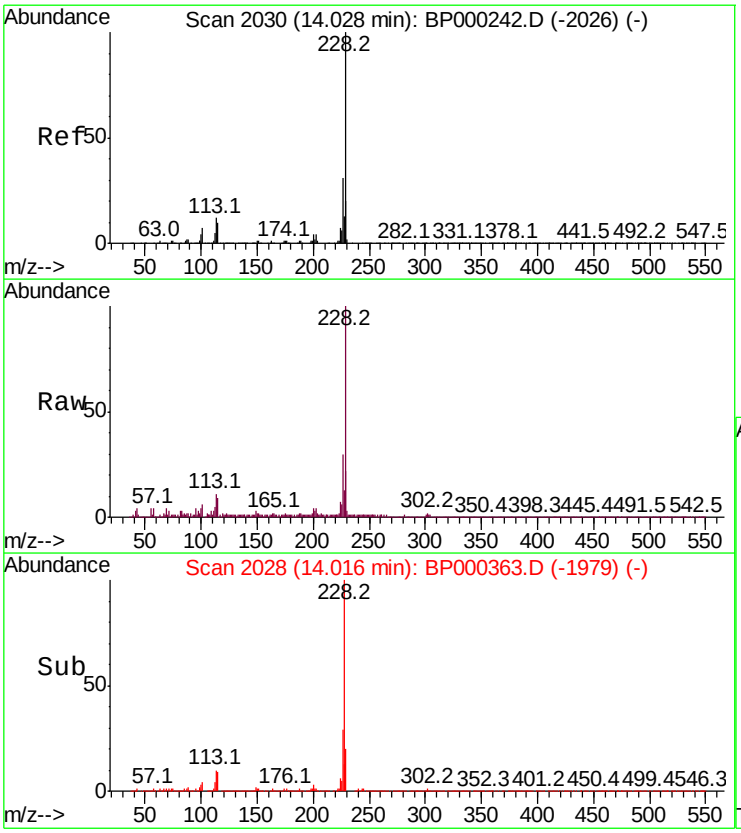
#81
Benzo(a)anthracene
Concen: 7.275 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 299320

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.2	33.4
229	21.1	16.0	24.0

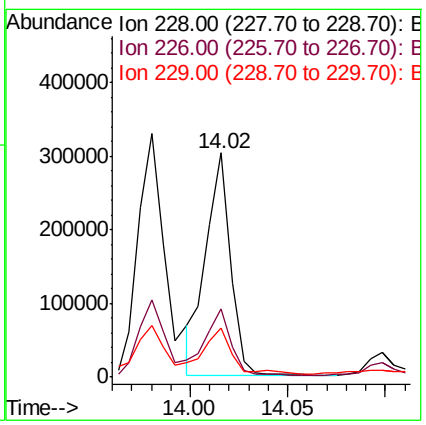


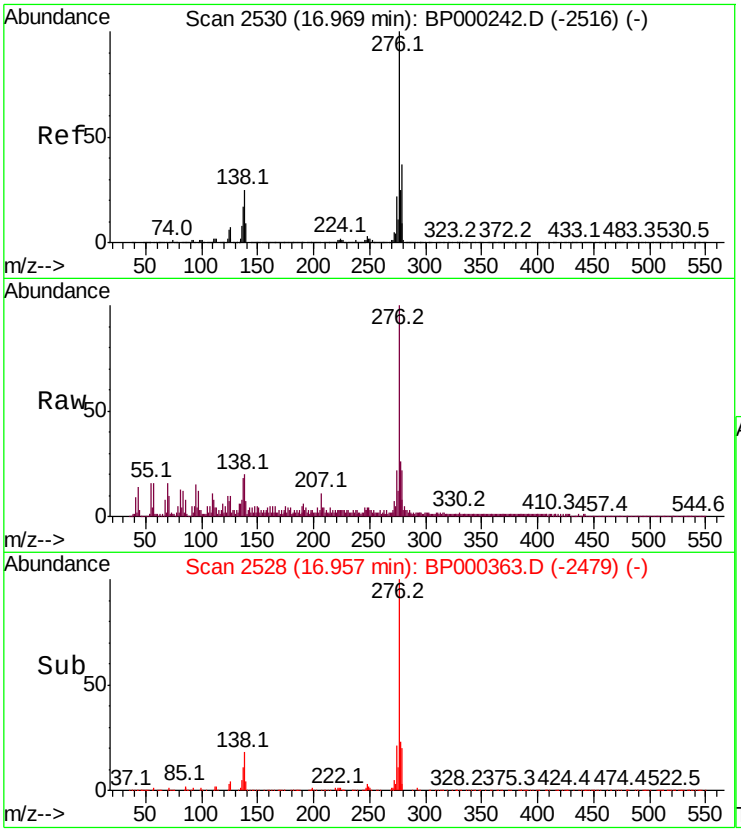


#83
Chrysene
Concen: 6.586 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Tgt Ion:228 Resp: 266052

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	21.9	16.2	24.2



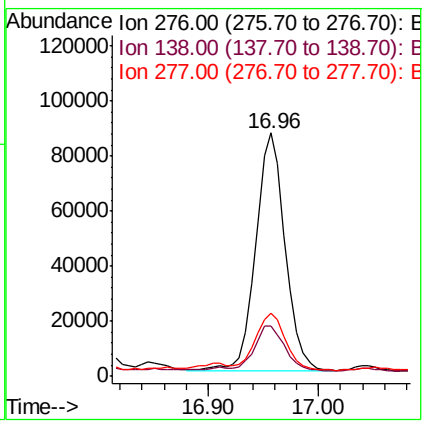


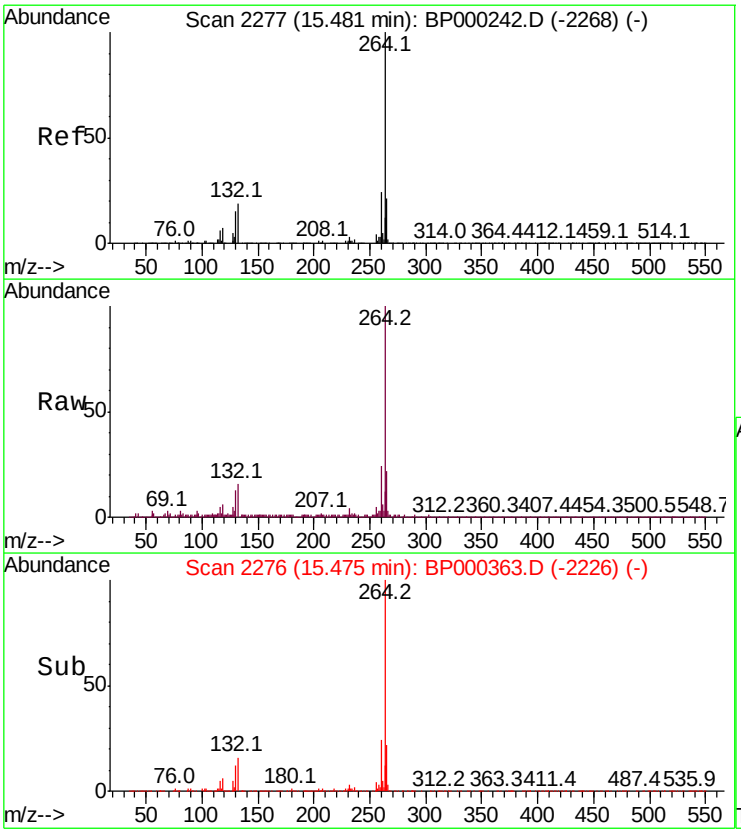
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.281 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 161564

Ion	Ratio	Lower	Upper
276	100		
138	19.9	22.6	33.8#
277	24.7	20.4	30.6

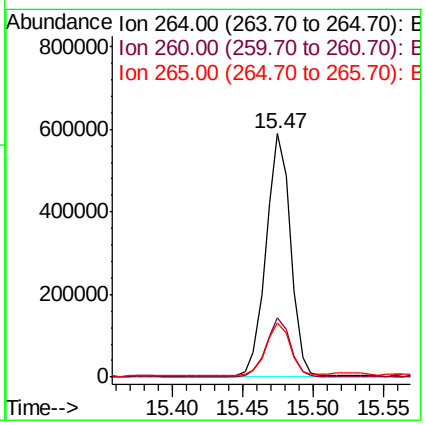


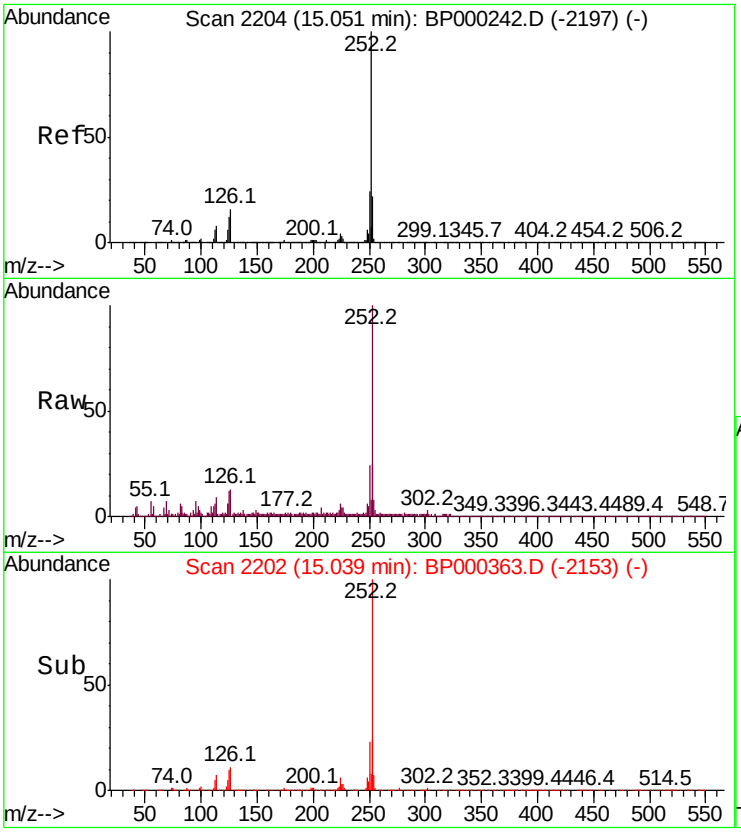


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Tgt Ion:264 Resp: 718985

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	22.3	17.2	25.8



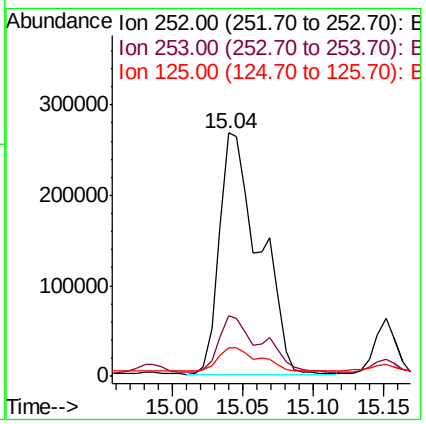


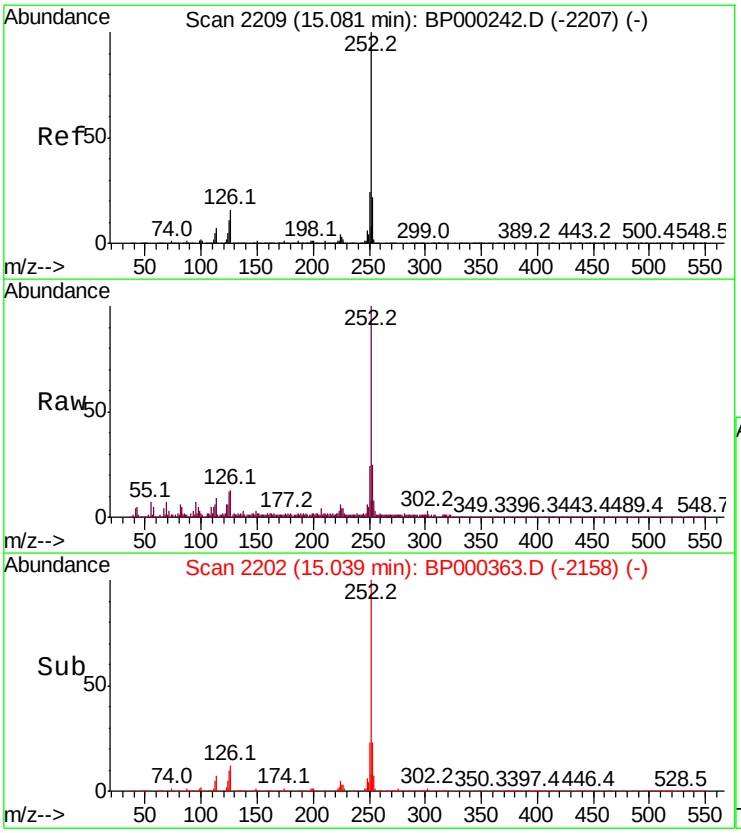
#88
Benzo(b)fluoranthene
Concen: 12.305 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 527790

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	12.0	9.5	14.3

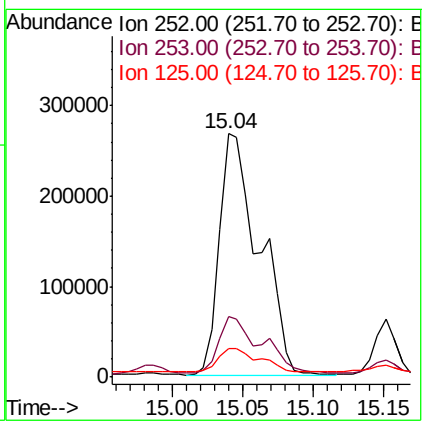


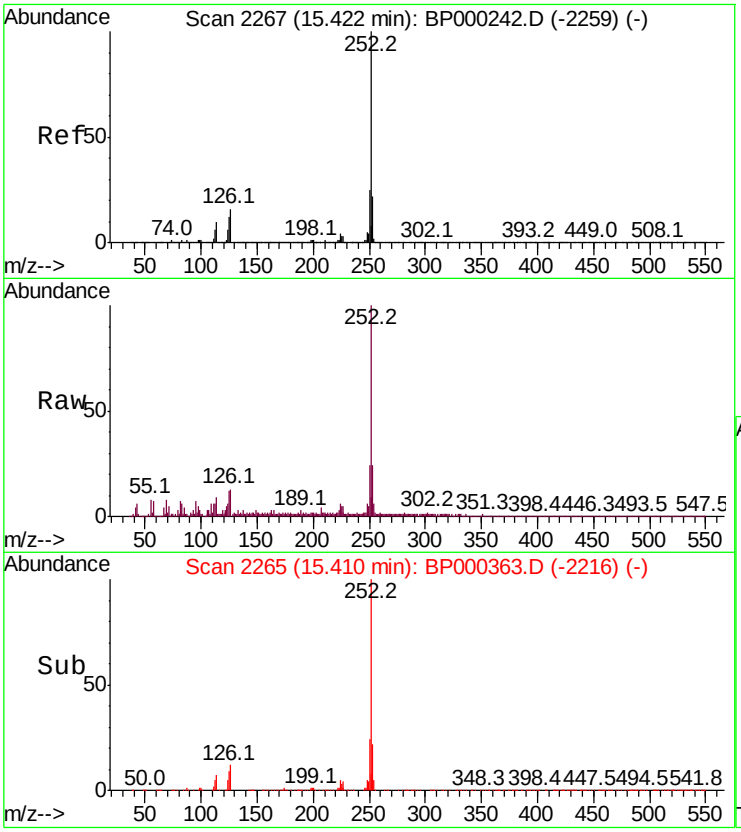


#89
Benzo(k)fluoranthene
Concen: 14.107 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Tgt Ion:252 Resp: 527790

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.8
125	12.0	9.6	14.4



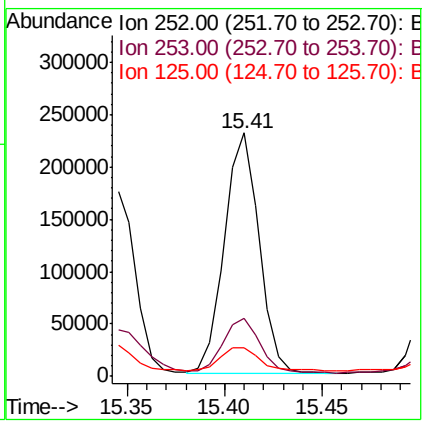


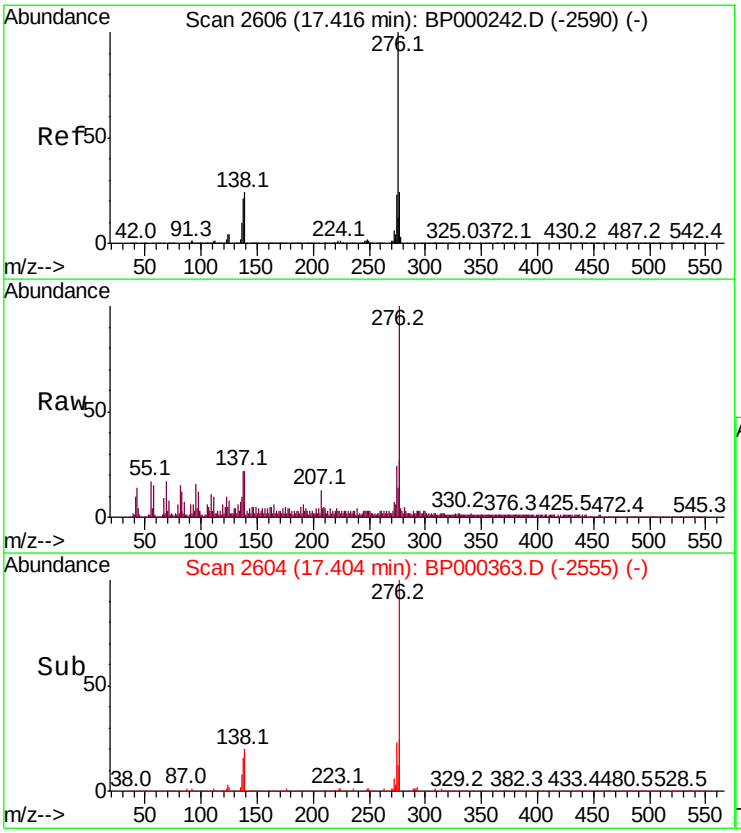
#90
Benzo(a)pyrene
Concen: 7.279 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 284078

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	11.9	10.0	15.0





#92
Benzo(g,h,i)perylene
Concen: 3.906 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BP000363.D
Acq: 20 Sep 2019 18:49

Tgt Ion:276 Resp: 146094

Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.1	28.7
138	22.0	19.5	29.3