Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000250.D
Acq On : 16 Sep 2019 20:48
Operator : HP/JU
Sample : K4861-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S(1.5-4)

Quant Time: Sep 17 06:11:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 18:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	317396	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	1163394	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	647678	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1158549	20.00	ng		0.00
76) Chrysene-d12	13.99	240	895092	20.00	ng		-0.01
87) Perylene-d12	15.47	264	986262	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1992384	108.37	ng		0.00
7) Phenol-d6	6.42	99	2592021	115.01	ng		0.00
23) Nitrobenzene-d5	7.35	82	1457855	80.85	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	788155	122.69	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2891885	80.36	ng		0.00
79) Terphenyl-d14	12.93	244	3070802	71.97	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	4972	Below Cal		#	1
10) Phenol	6.43	94	125868	4.916	ng		95
19) n-Nitroso-di-n-propylamine	7.35	70	178991	15.022	ng	#	75
25) Isophorone	7.35	82	1455602	40.767	ng	#	63
50) Dimethylphthalate	9.54	163	414588	9.395	ng		99
57) 2,4-Dinitrotoluene	9.83	165	85532	6.743	ng	#	35
67) 4-Bromophenyl-phenylether	10.62	248	53969	4.119	ng	#	1
69) Atrazine	11.00	200	147	Below Cal		#	1
71) Phenanthrene	11.35	178	278921	4.804	ng		99
75) Fluoranthene	12.55	202	1281811	20.561	ng		98
78) Pyrene	12.77	202	1378442	20.584	ng		99
81) Benzo(a)anthracene	13.97	228	784303	13.871	ng		99
83) Chrysene	14.01	228	692441	12.473	ng		98
86) Indeno(1,2,3-cd)pyrene	16.94	276	465923	6.885	ng		93
88) Benzo(b)fluoranthene	15.04	252	1178944	20.038	ng		99
89) Benzo(k)fluoranthene	15.04	252	1178944	22.971	ng		99
90) Benzo(a)pyrene	15.40	252	698769	13.052	ng		98
91) Dibenzo(a,h)anthracene	16.95	278	113005	2.264	ng		93
92) Benzo(g,h,i)perylene	17.39	276	463333	9.031	ng		99

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

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ALS Vial : 12 Sample Multiplier: 1

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BNA_P
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TP-1-S(1.5-4)

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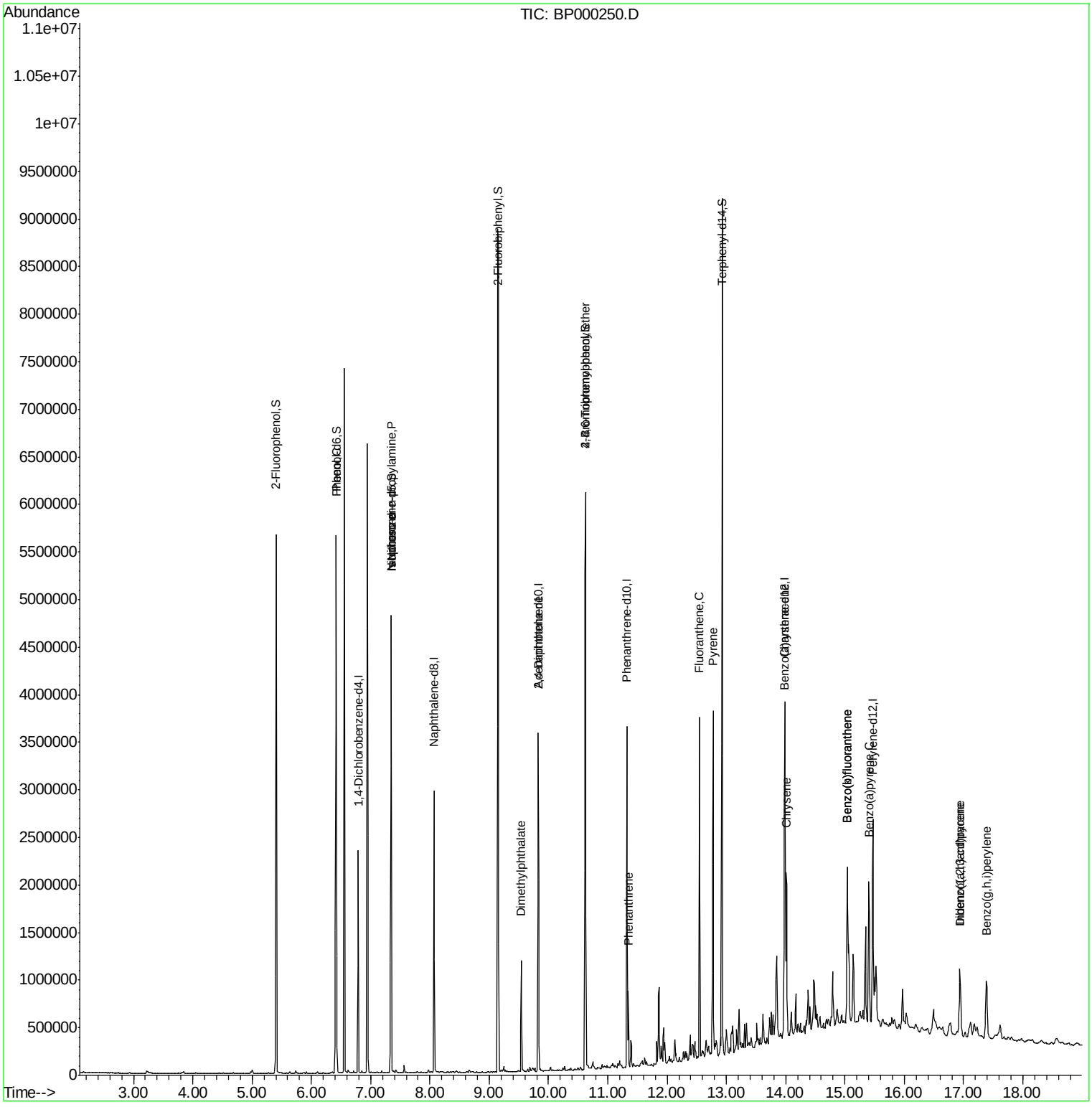
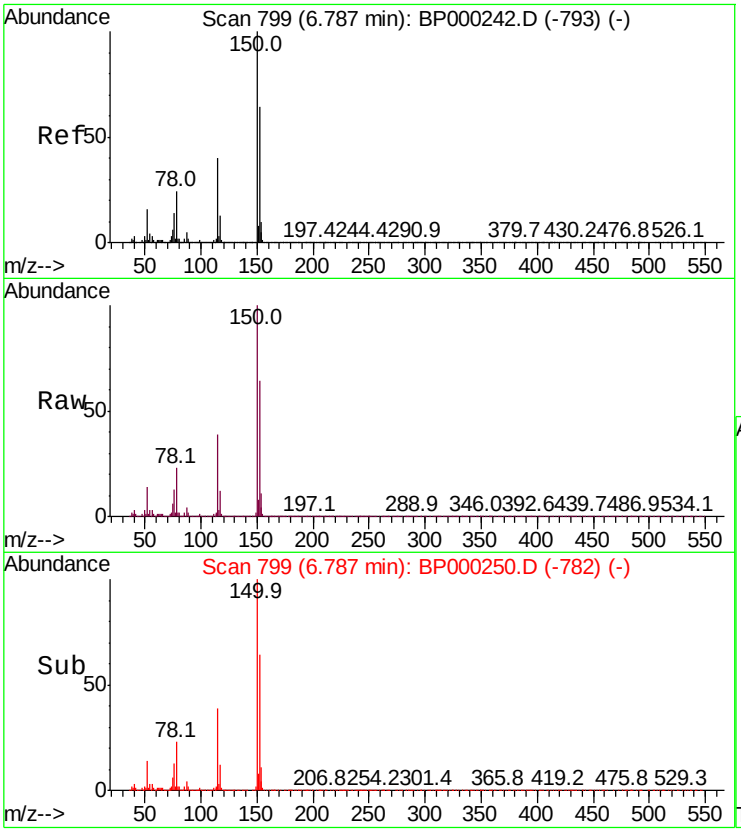


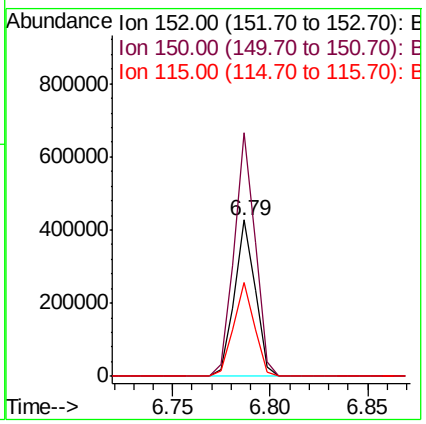


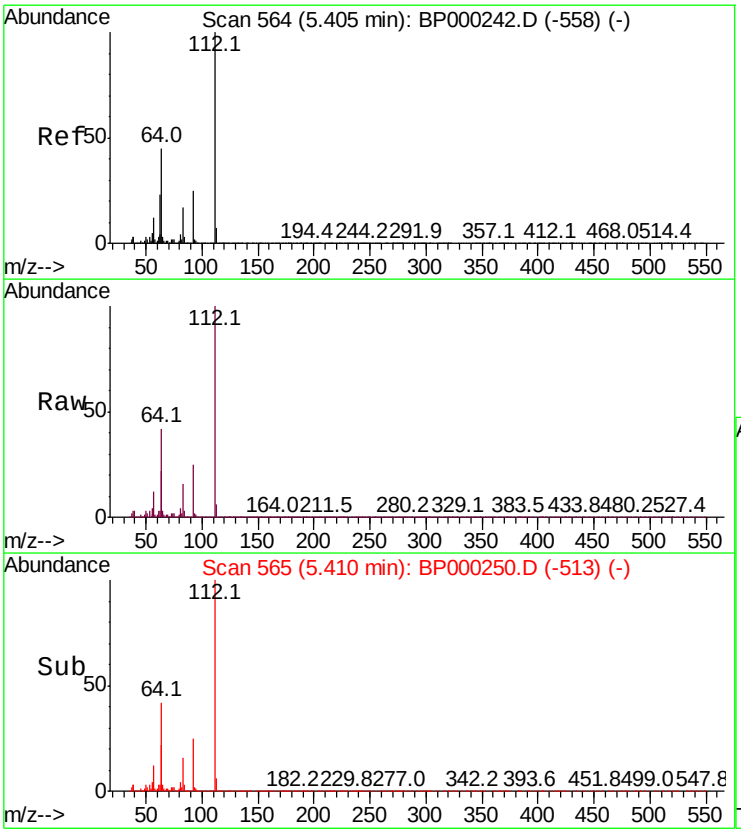
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Instrument :
BNA_P
ClientSampleId :
TP-1-S(1.5-4)

Tgt Ion:152 Resp: 317396

Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.2	187.8
115	60.4	49.7	74.5

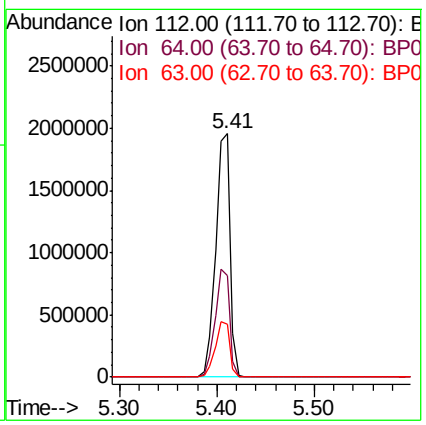


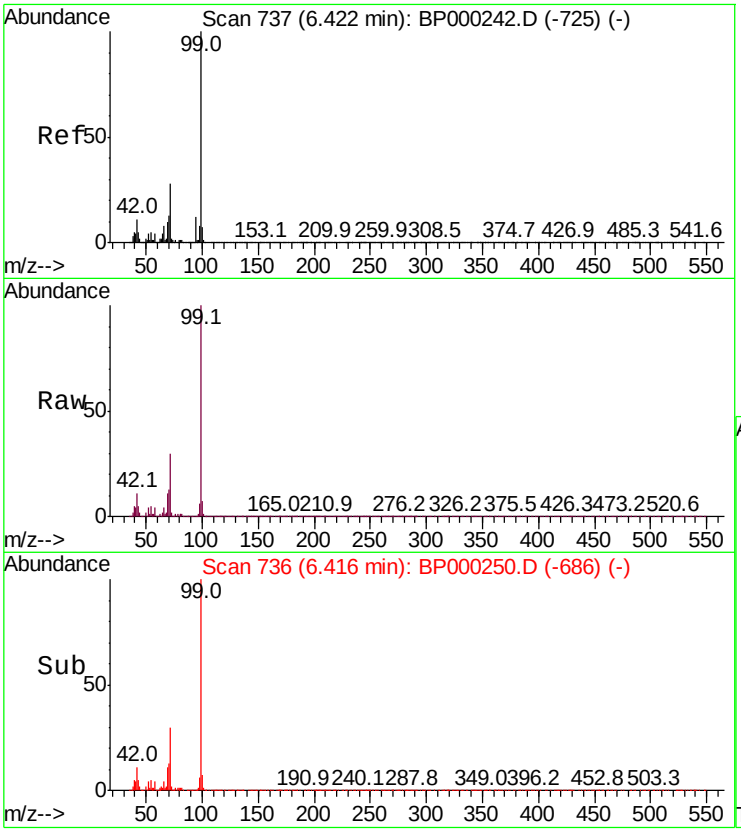


#5
2-Fluorophenol
Concen: 108.368 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Tgt Ion:112 Resp: 1992384

Ion	Ratio	Lower	Upper
112	100		
64	41.9	36.2	54.4
63	21.6	18.3	27.5



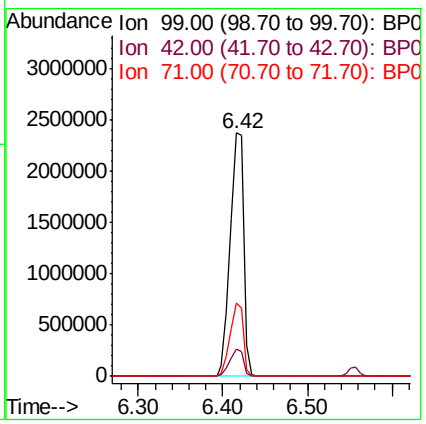


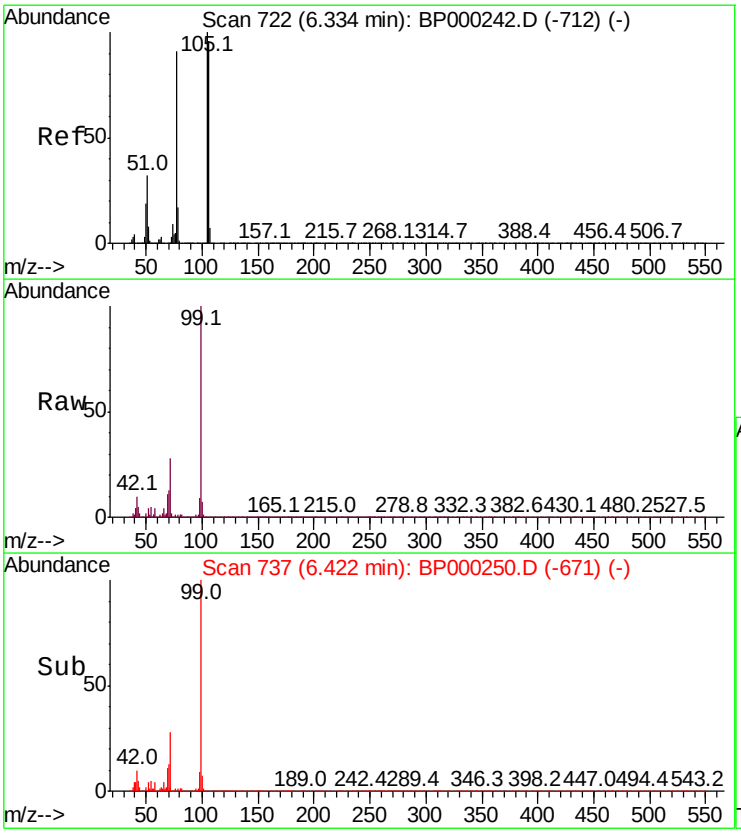
#7
Phenol-d6
Concen: 115.014 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Instrument :
BNA_P
ClientSampleId :
TP-1-S(1.5-4)

Tgt Ion: 99 Resp: 2592021

Ion	Ratio	Lower	Upper
99	100		
42	11.2	8.5	12.7
71	30.0	22.6	34.0

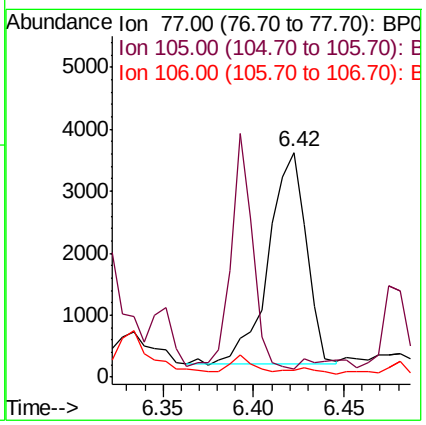


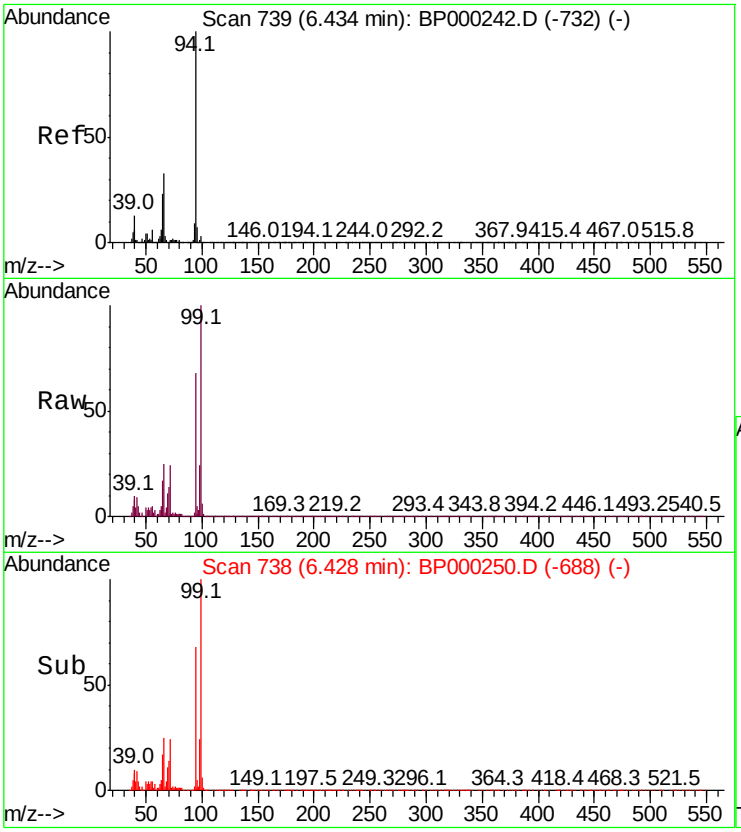


#9
Benzaldehyde
Concen: Below Cal
RT: 6.42 min Scan# 737
Delta R.T. 0.09 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Tgt Ion: 77 Resp: 4972

Ion	Ratio	Lower	Upper
77	100		
105	3.5	89.6	129.6#
106	3.0	84.6	124.6#



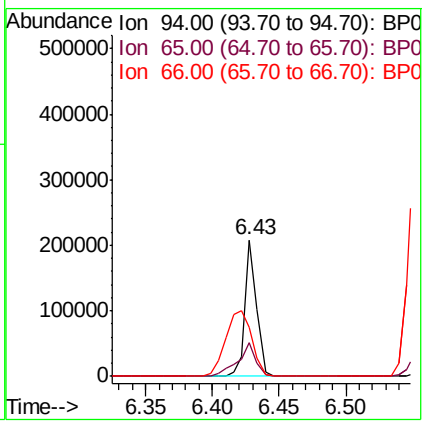


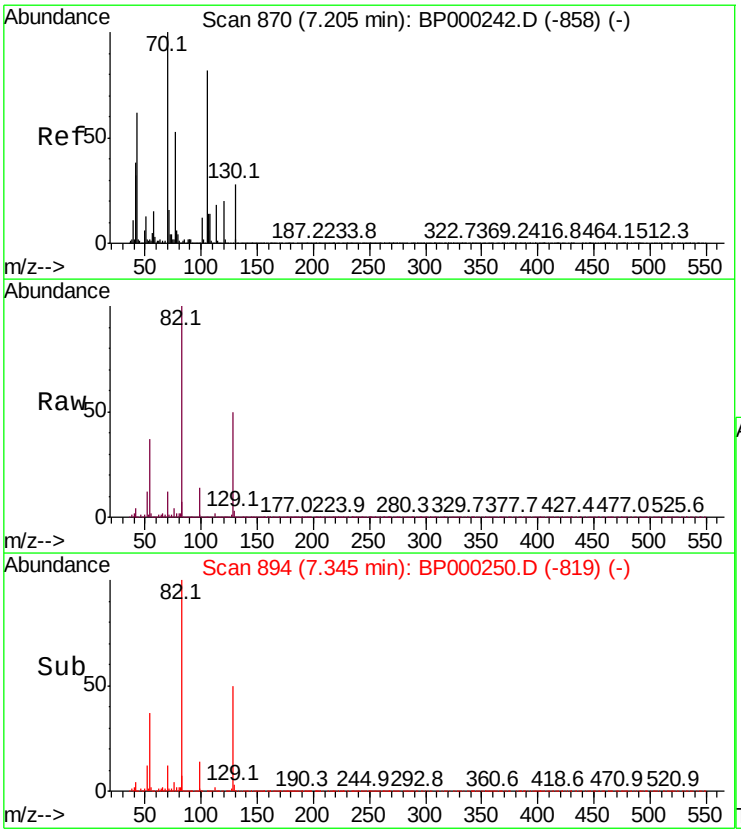
#10
Phenol
Concen: 4.916 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Instrument :
BNA_P
ClientSampleId :
TP-1-S(1.5-4)

Tgt Ion: 94 Resp: 125868

Ion	Ratio	Lower	Upper
94	100		
65	24.8	3.3	43.3
66	36.0	12.7	52.7

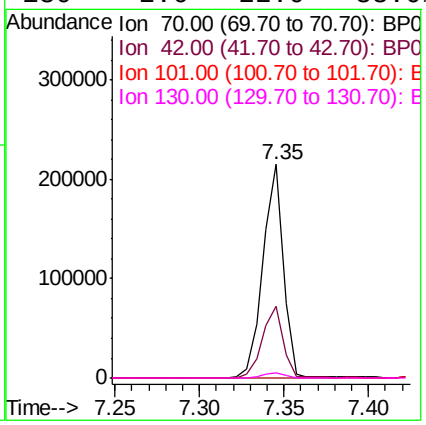


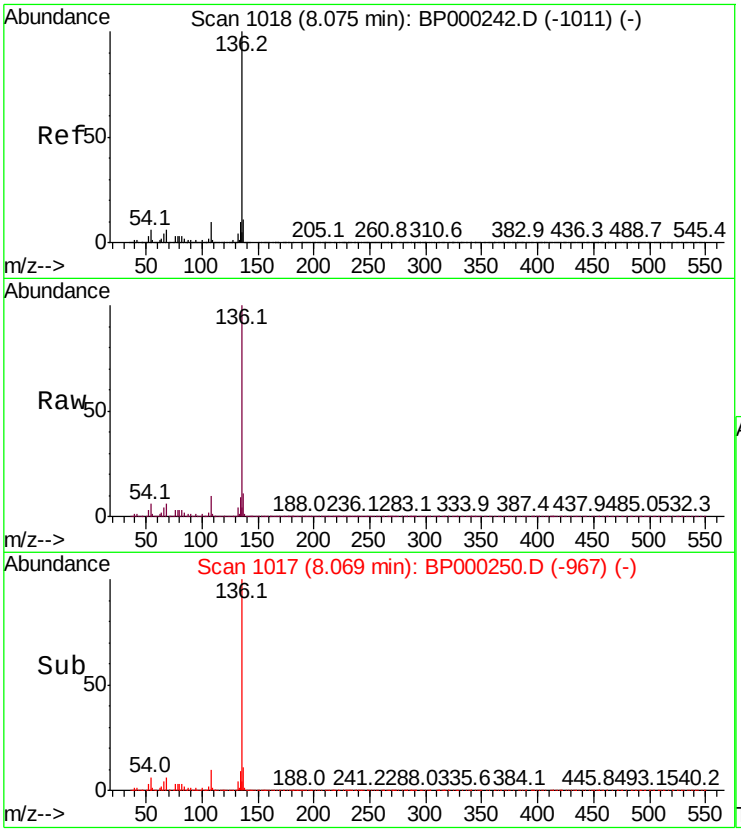


#19
n-Nitroso-di-n-propylamine
Concen: 15.022 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Tgt Ion: 70 Resp: 178991

Ion	Ratio	Lower	Upper
70	100		
42	33.8	30.7	46.1
101	0.0	9.6	14.4#
130	2.6	22.0	33.0#



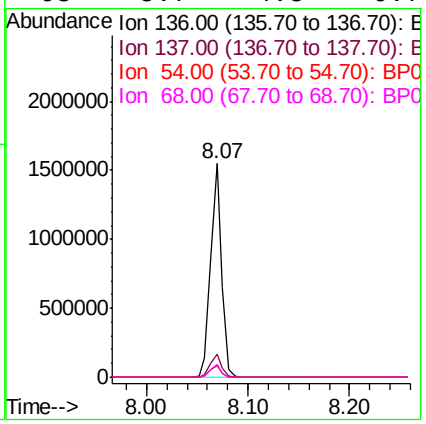


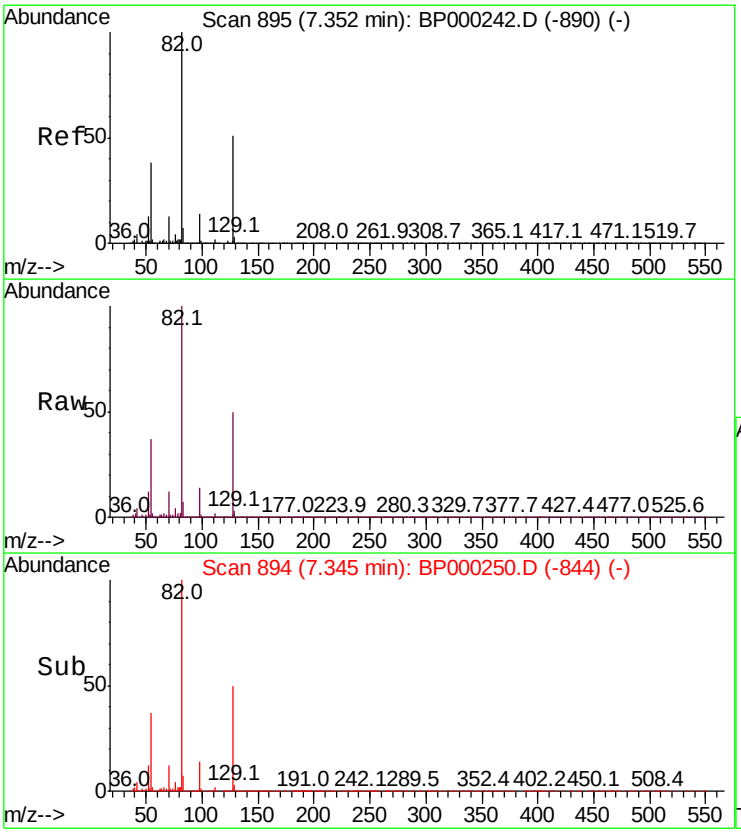
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Instrument :
BNA_P
ClientSampleId :
TP-1-S(1.5-4)

Tgt Ion:136 Resp: 1163394

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.6	4.5	6.7
68	5.7	4.5	6.7

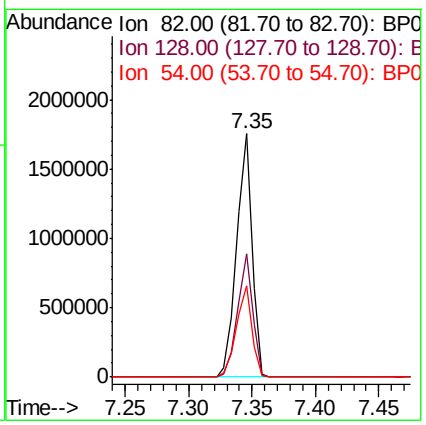


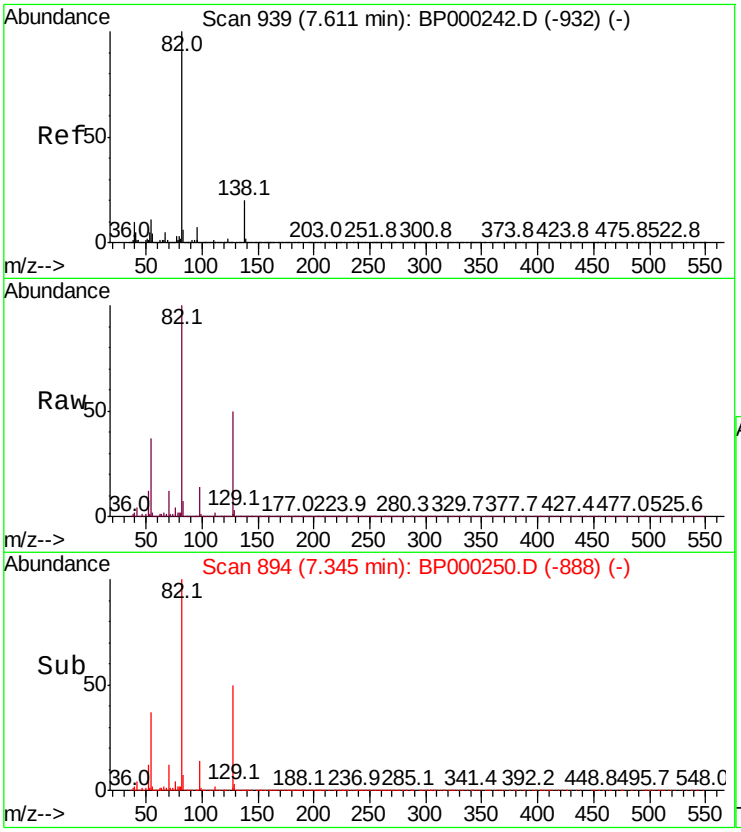


#23
Nitrobenzene-d5
Concen: 80.850 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Tgt Ion: 82 Resp: 1457855

Ion	Ratio	Lower	Upper
82	100		
128	50.5	40.7	61.1
54	37.4	30.1	45.1



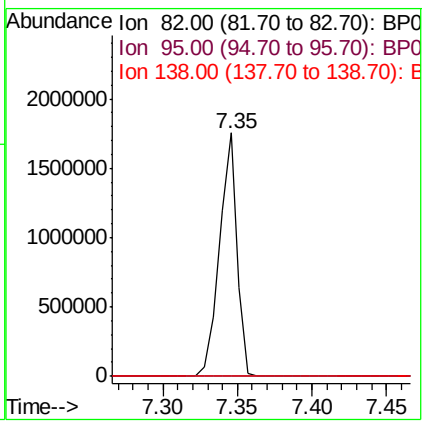


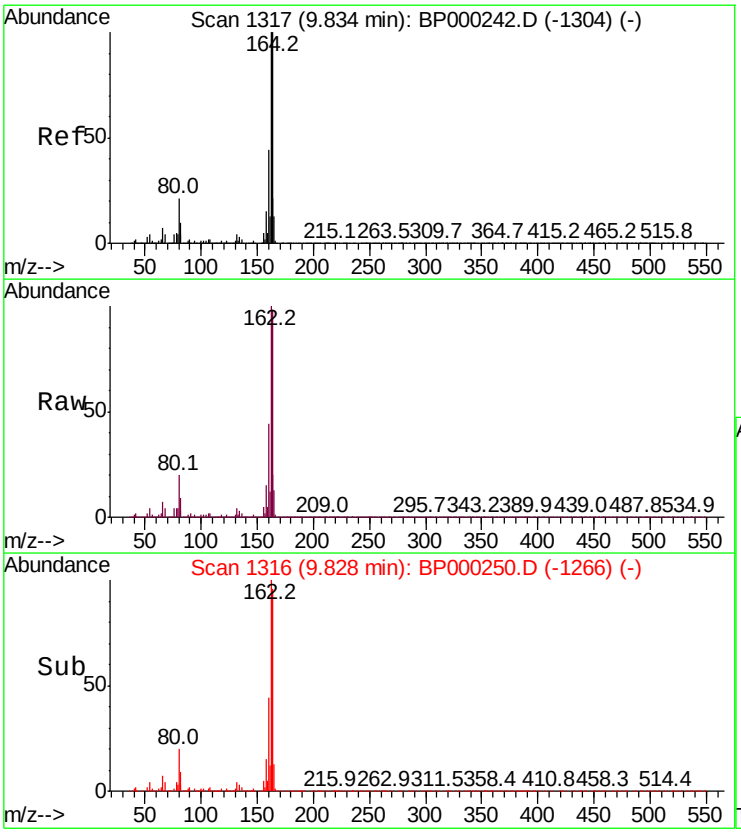
#25
Isophorone
Concen: 40.767 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.27 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Instrument :
BNA_P
ClientSampleId :
TP-1-S(1.5-4)

Tgt Ion: 82 Resp: 1455602

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

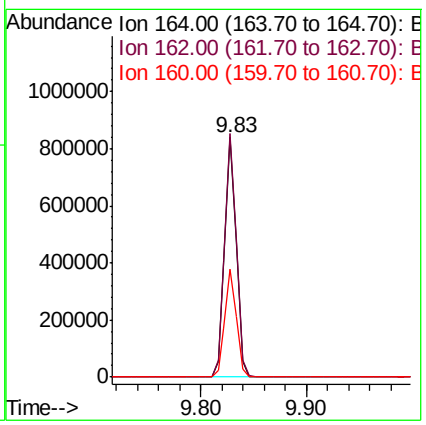


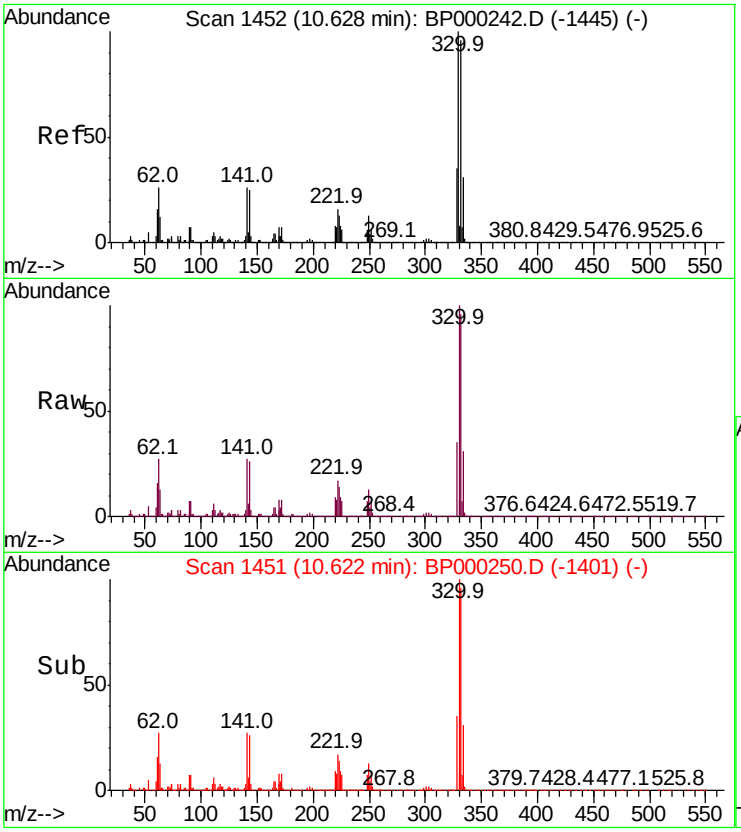


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Tgt Ion:164 Resp: 647678

Ion	Ratio	Lower	Upper
164	100		
162	101.6	79.9	119.9
160	44.9	35.6	53.4



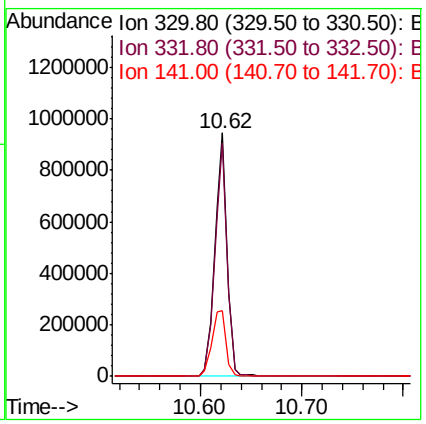


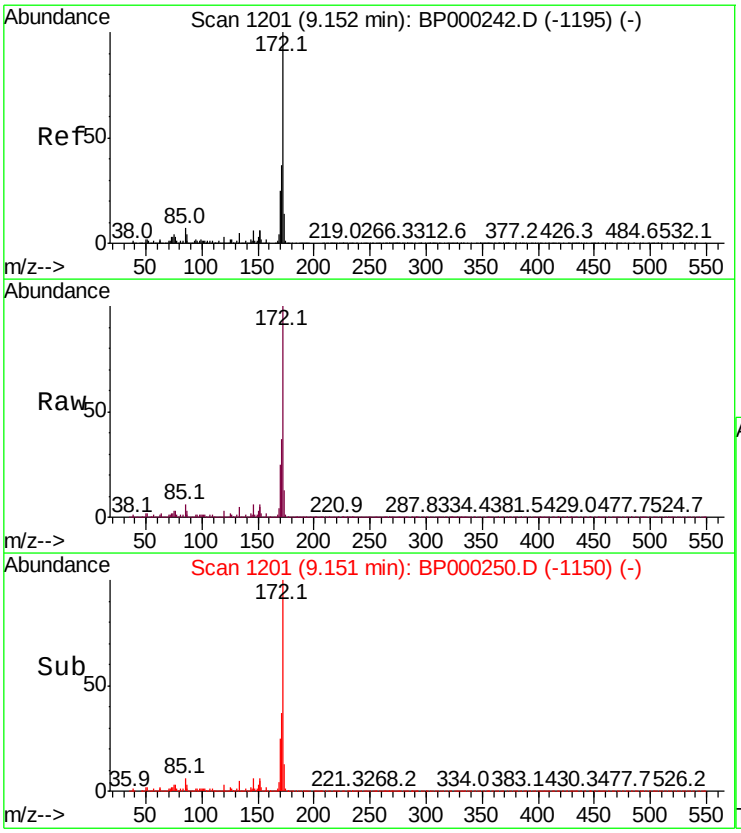
#42
2,4,6-Tribromophenol
Concen: 122.687 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Instrument :
BNA_P
ClientSampleId :
TP-1-S(1.5-4)

Tgt Ion:330 Resp: 788155

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	31.3	26.5	39.7

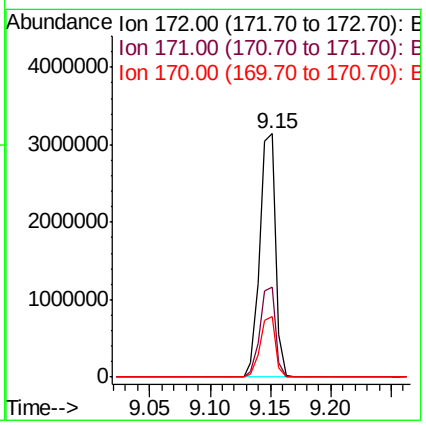


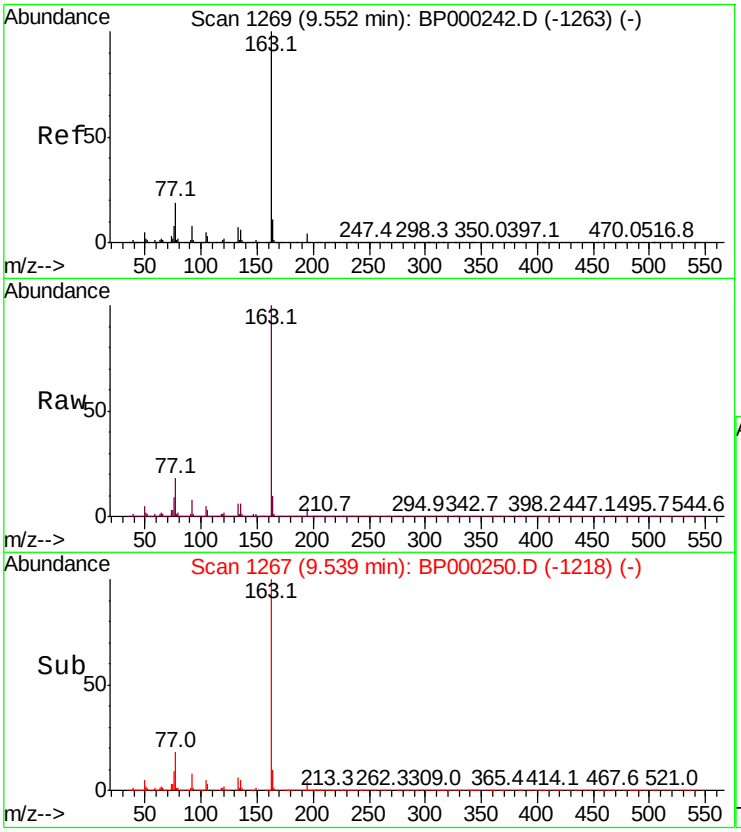


#45
2-Fluorobiphenyl
Concen: 80.362 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Tgt Ion:172 Resp: 2891885

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	24.7	19.8	29.6



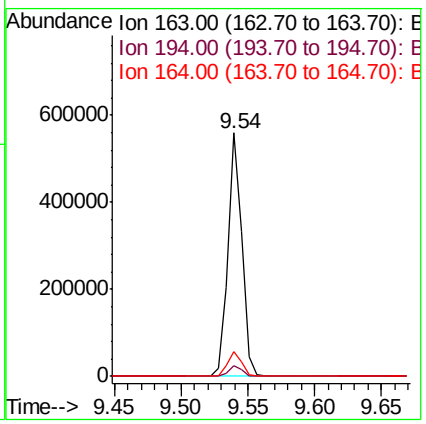


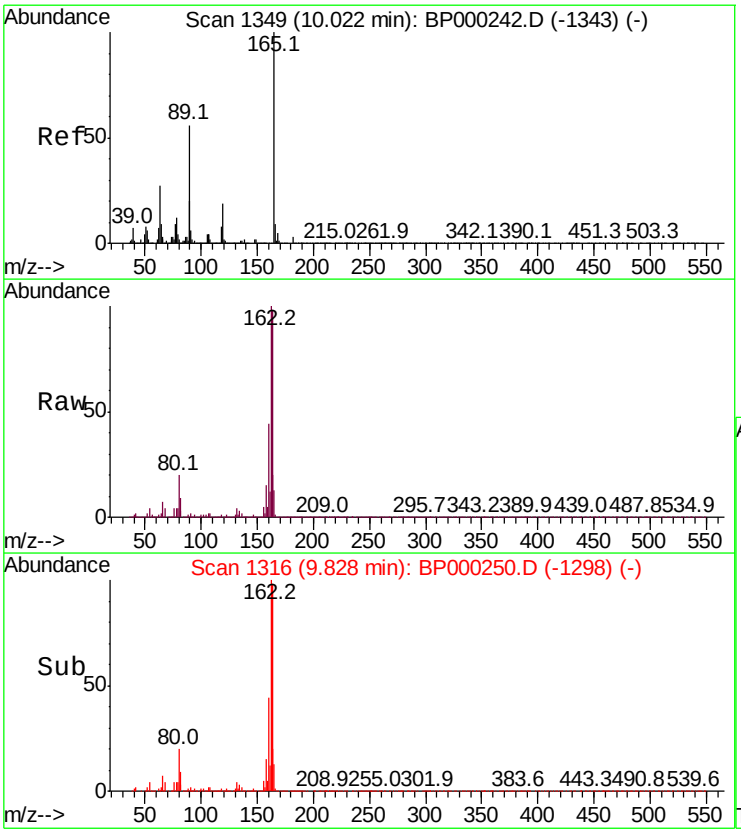
#50
Dimethylphthalate
Concen: 9.395 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Instrument :
BNA_P
ClientSampleId :
TP-1-S(1.5-4)

Tgt Ion:163 Resp: 414588

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.5	12.7

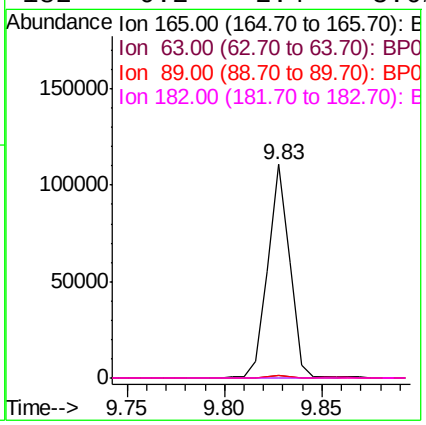


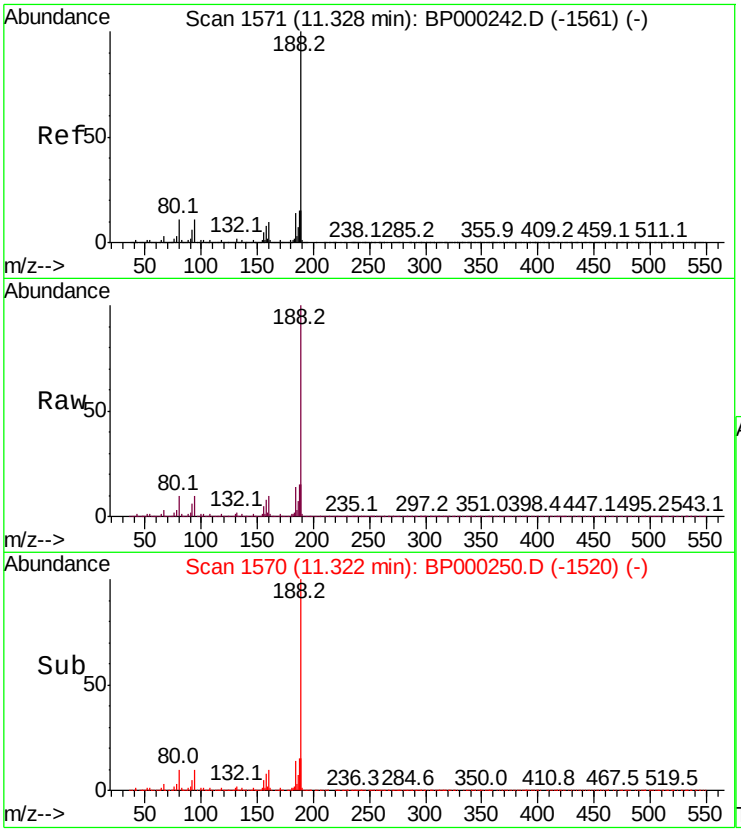


#57
2,4-Dinitrotoluene
Concen: 6.743 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Tgt Ion:165 Resp: 85532

Ion	Ratio	Lower	Upper
165	100		
63	1.0	21.7	32.5#
89	1.1	45.0	67.6#
182	0.2	2.4	3.6#



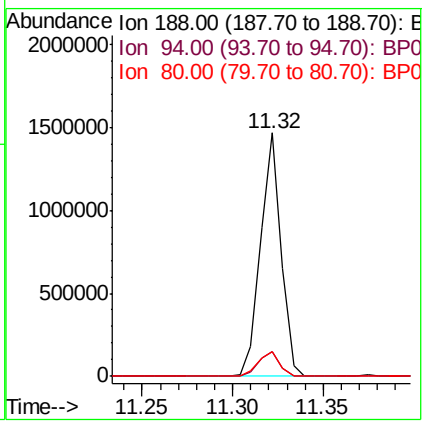


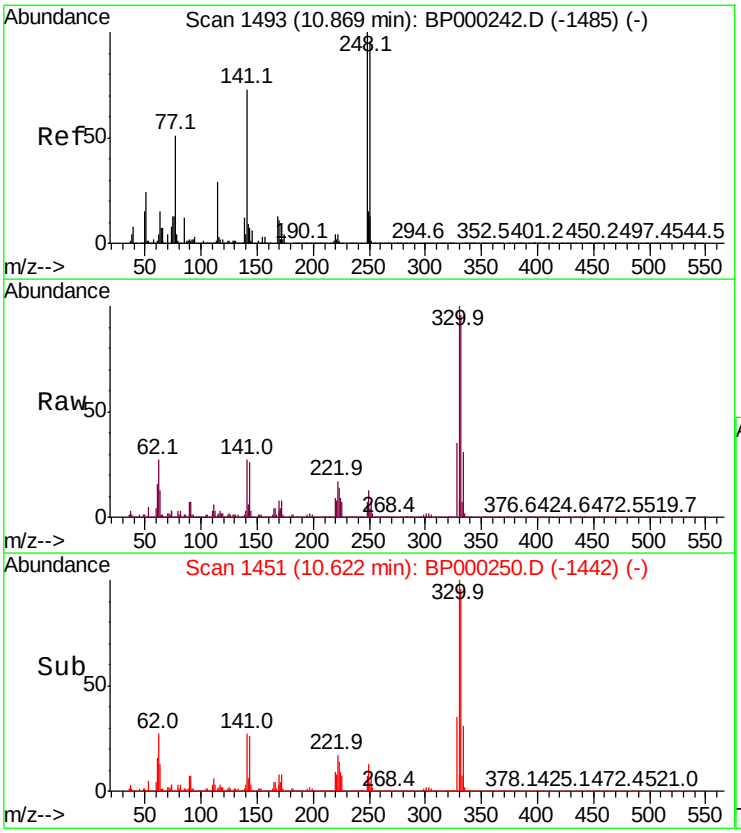
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Instrument :
BNA_P
ClientSampleId :
TP-1-S(1.5-4)

Tgt Ion:188 Resp: 1158549

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.1	8.6	13.0

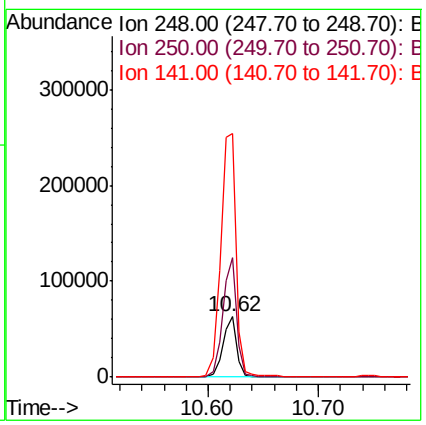


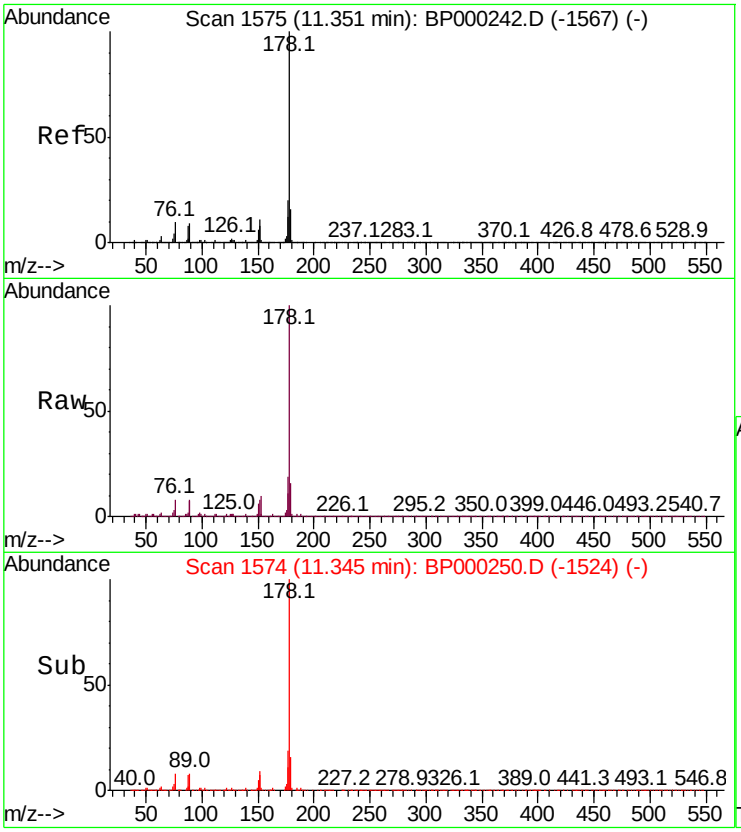


#67
4-Bromophenyl-phenylether
Concen: 4.119 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Tgt Ion:248 Resp: 53969

Ion	Ratio	Lower	Upper
248	100		
250	199.4	77.0	115.4#
141	405.7	58.5	87.7#



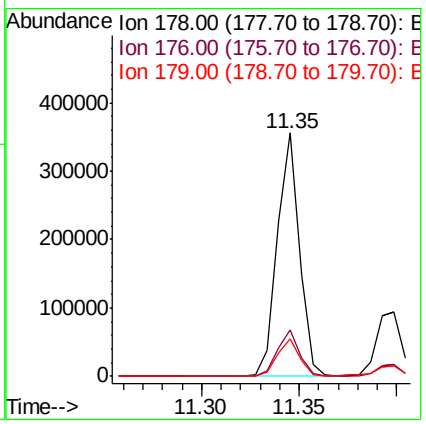


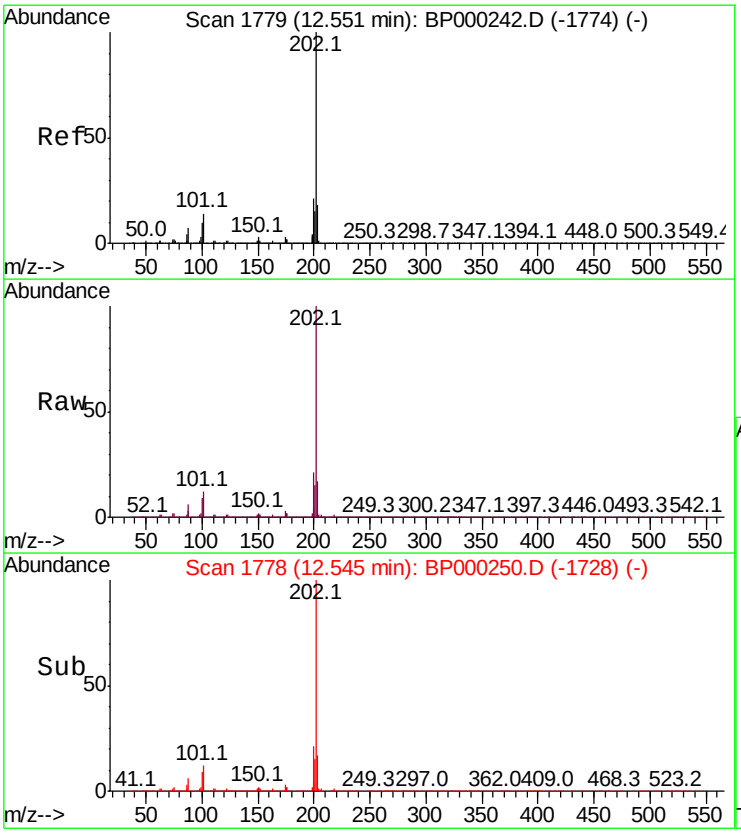
#71
Phenanthrene
Concen: 4.804 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Instrument :
BNA_P
ClientSampleId :
TP-1-S(1.5-4)

Tgt Ion:178 Resp: 278921

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.7	12.7	19.1

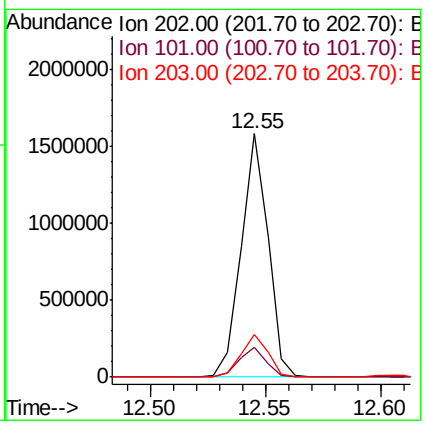


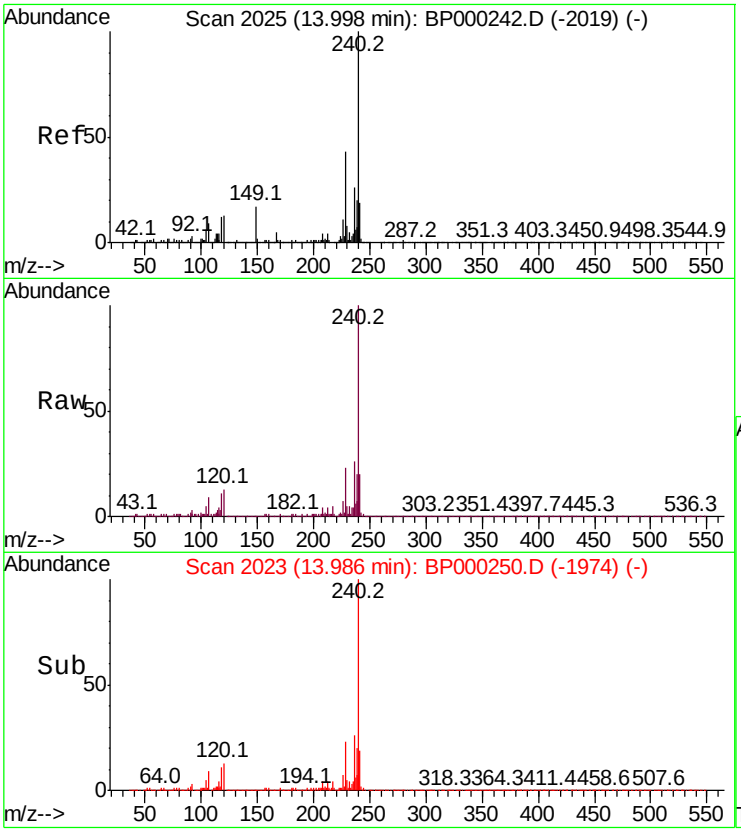


#75
Fluoranthene
Concen: 20.561 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Tgt Ion:202 Resp: 1281811

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.9
203	17.5	0.0	38.0



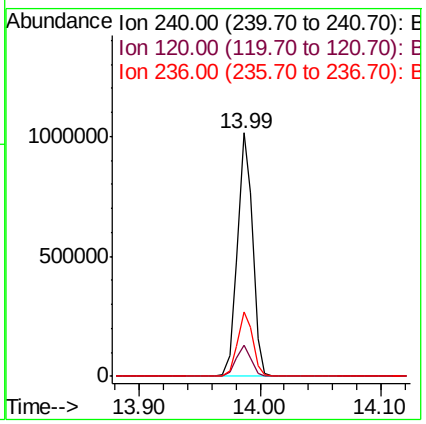


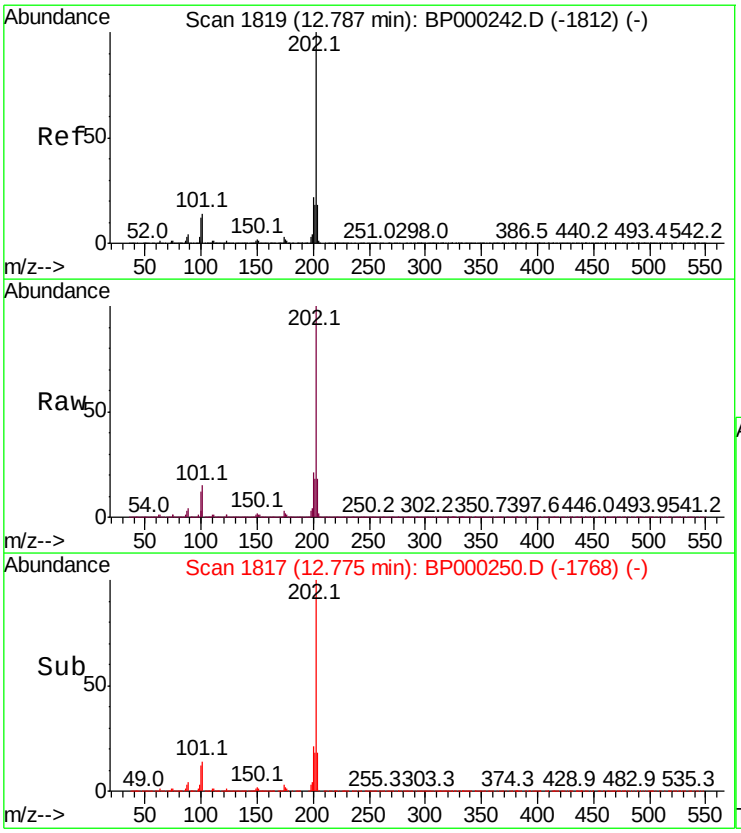
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Instrument :
BNA_P
ClientSampleId :
TP-1-S(1.5-4)

Tgt Ion:240 Resp: 895092

Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.4	15.6
236	26.3	21.0	31.6

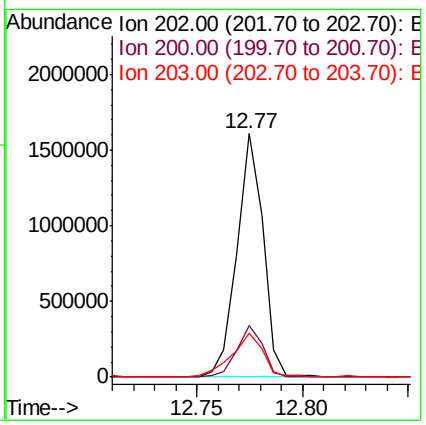


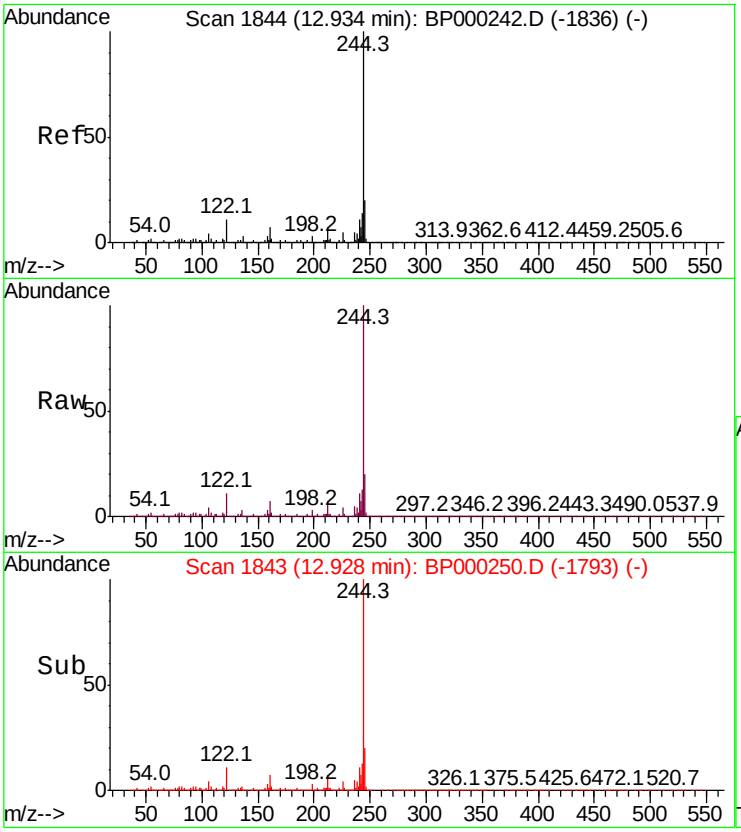


#78
Pyrene
Concen: 20.584 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Tgt Ion:202 Resp: 1378442

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.5	26.3
203	18.0	14.3	21.5



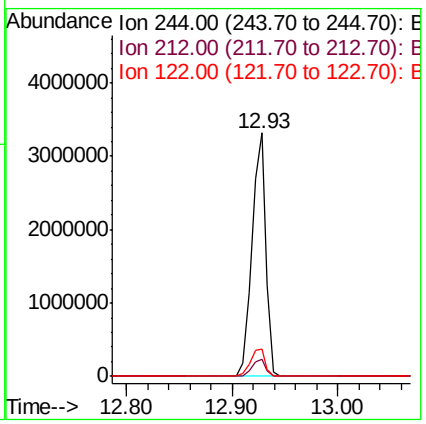


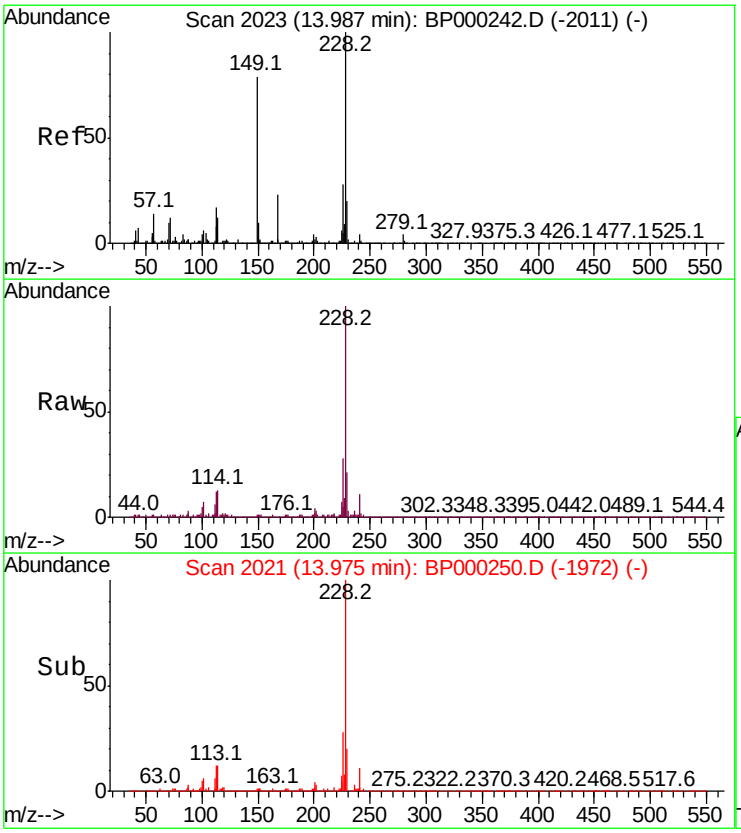
#79
Terphenyl-d14
Concen: 71.971 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Instrument :
BNA_P
ClientSampleId :
TP-1-S(1.5-4)

Tgt Ion:244 Resp: 3070802

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	11.0	9.0	13.4

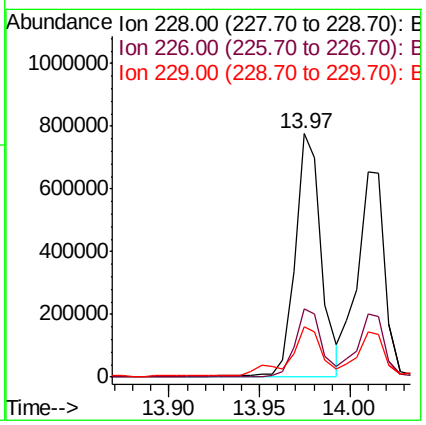


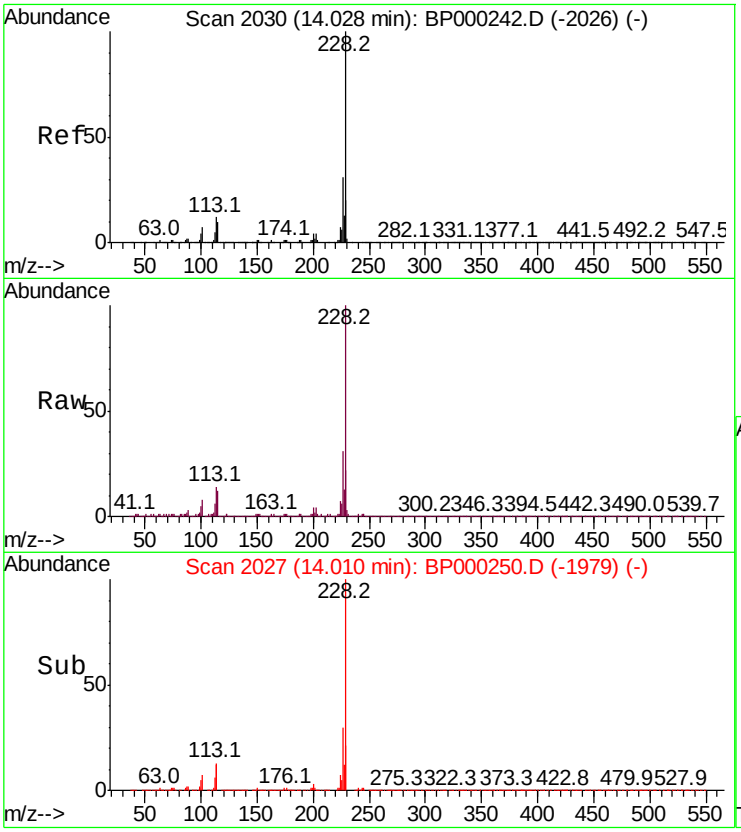


#81
Benzo(a)anthracene
Concen: 13.871 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Tgt Ion:228 Resp: 784303

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.4
229	20.8	16.0	24.0



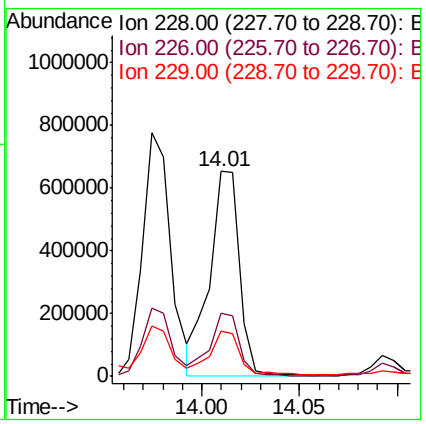


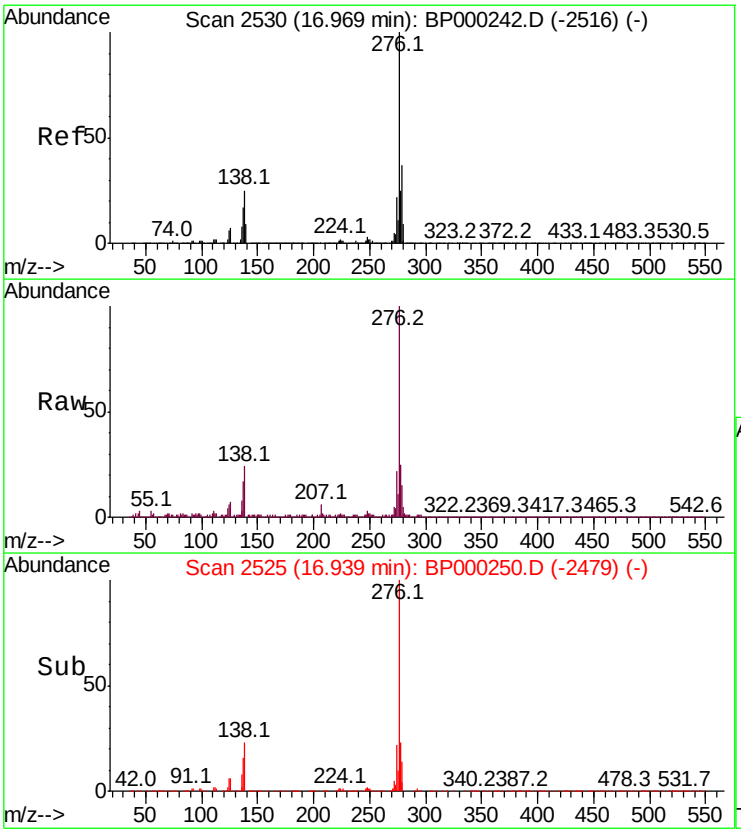
#83
Chrysene
Concen: 12.473 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Instrument :
BNA_P
ClientSampleId :
TP-1-S(1.5-4)

Tgt Ion:228 Resp: 692441

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	21.9	16.2	24.2

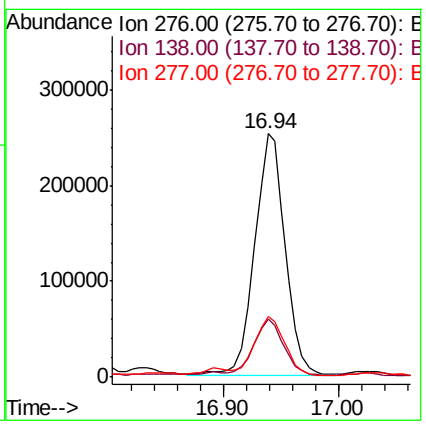


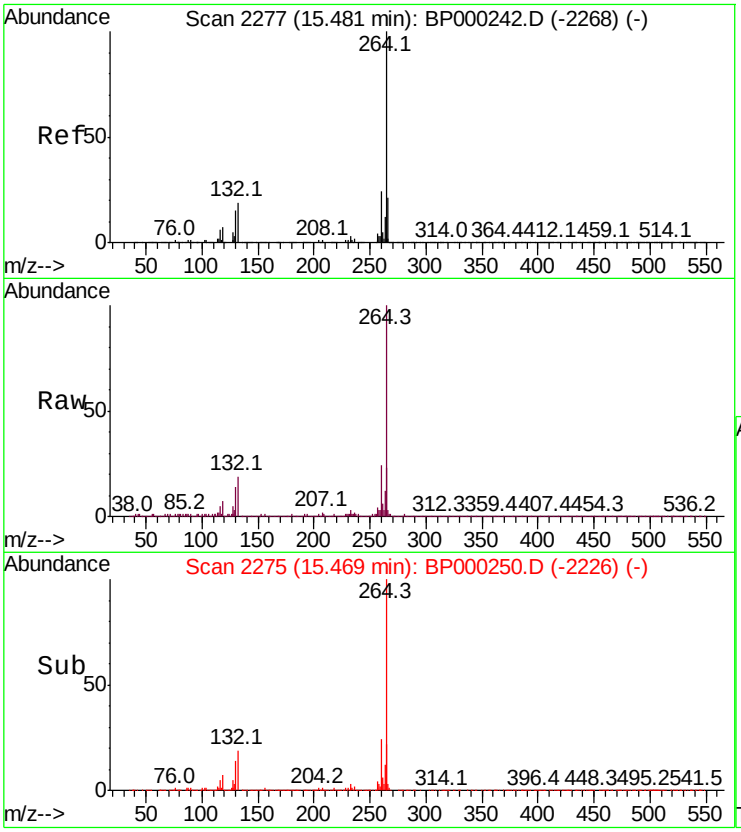


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.885 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.03 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Tgt Ion:276 Resp: 465923

Ion	Ratio	Lower	Upper
276	100		
138	23.0	22.6	33.8
277	24.0	20.4	30.6



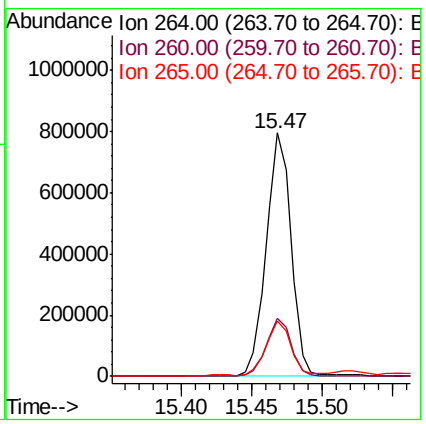


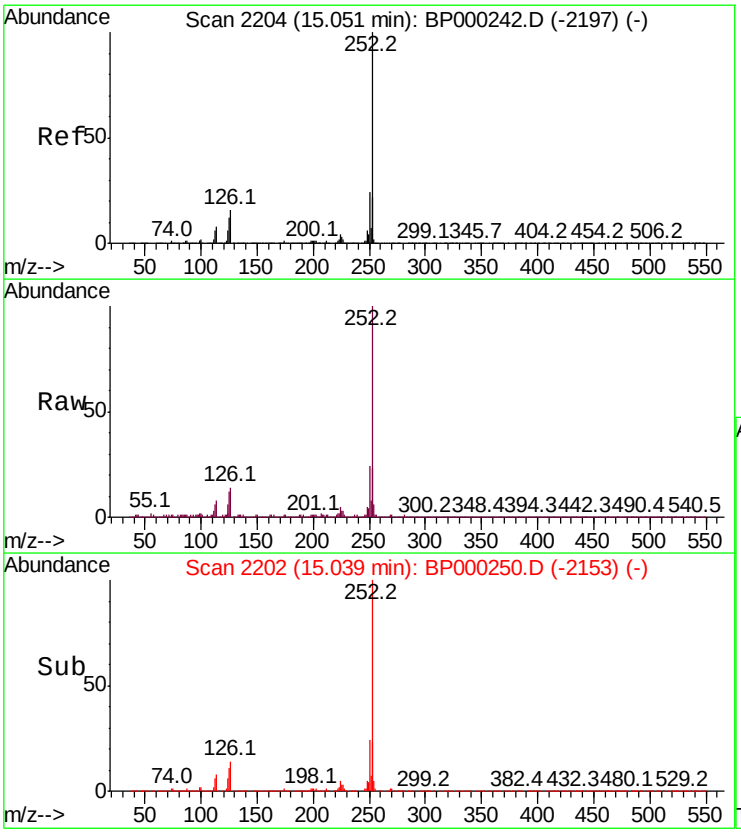
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Instrument :
BNA_P
ClientSampleId :
TP-1-S(1.5-4)

Tgt Ion:264 Resp: 986262

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.6	17.2	25.8

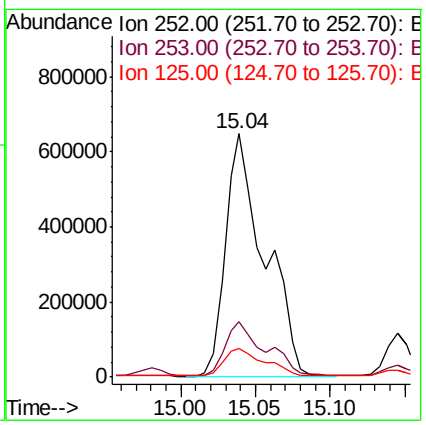


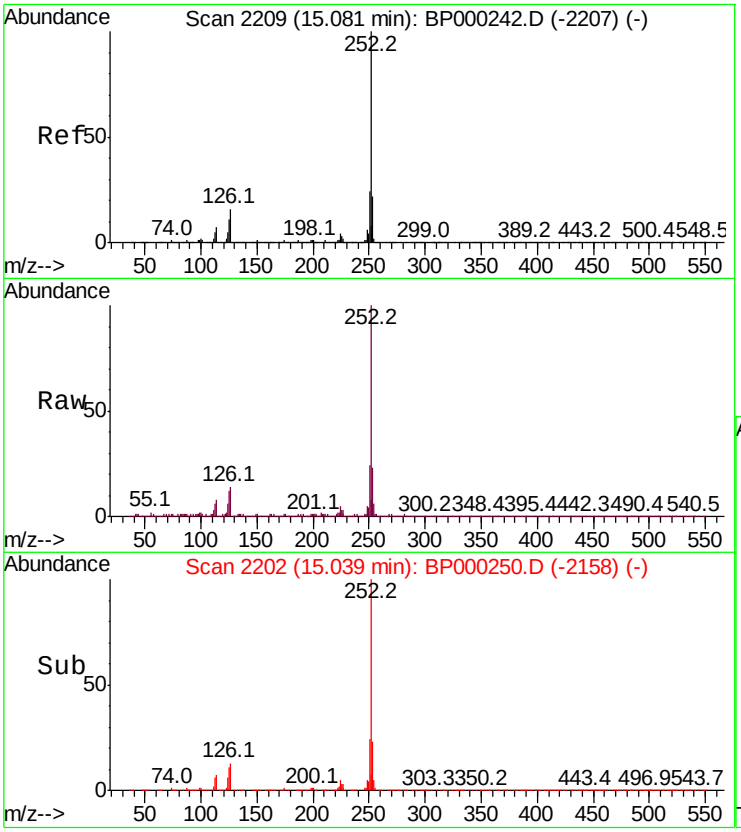


#88
Benzo(b)fluoranthene
Concen: 20.038 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Tgt Ion:252 Resp: 1178944

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	11.6	9.5	14.3



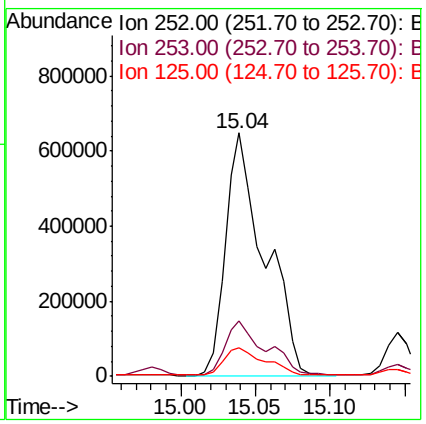


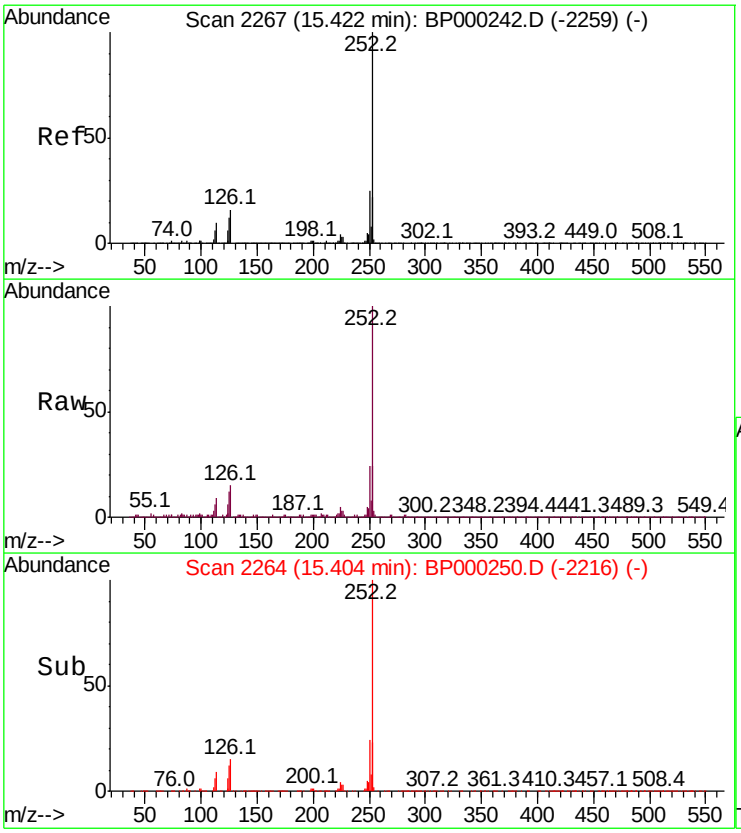
#89
Benzo(k)fluoranthene
Concen: 22.971 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Instrument :
BNA_P
ClientSampleId :
TP-1-S(1.5-4)

Tgt Ion:252 Resp: 1178944

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	11.6	9.6	14.4

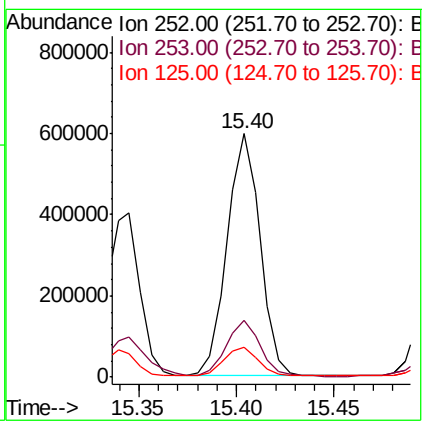


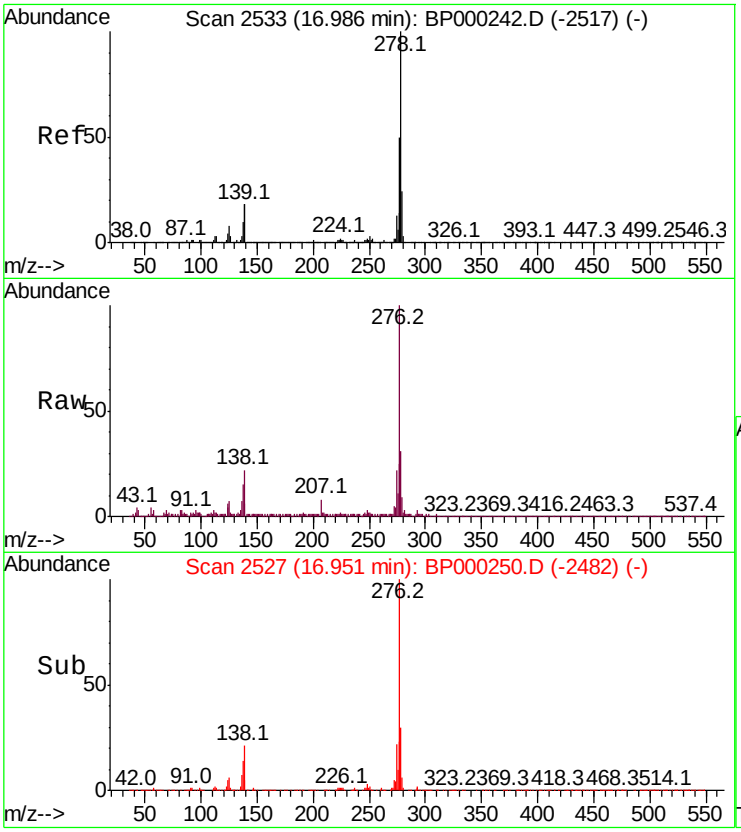


#90
Benzo(a)pyrene
Concen: 13.052 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Tgt Ion:252 Resp: 698769

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	12.3	10.0	15.0



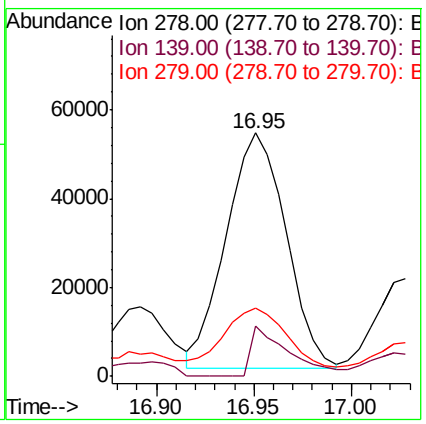


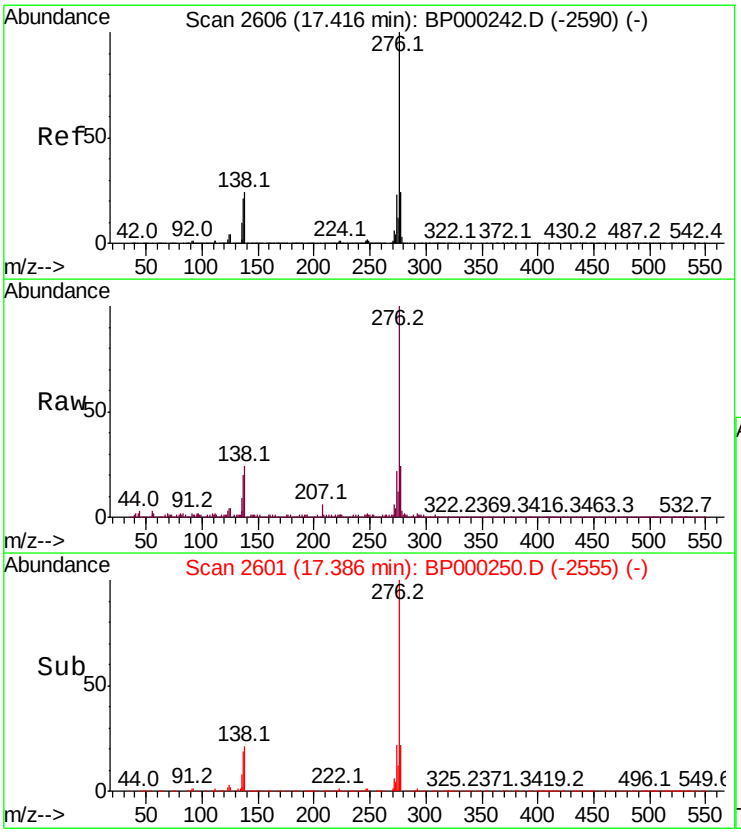
#91
Dibenzo(a,h)anthracene
Concen: 2.264 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.04 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Instrument :
BNA_P
ClientSampleId :
TP-1-S(1.5-4)

Tgt Ion:278 Resp: 113005

Ion	Ratio	Lower	Upper
278	100		
139	20.7	14.5	21.7
279	28.1	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 9.031 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.03 min
Lab File: BP000250.D
Acq: 16 Sep 2019 20:48

Tgt Ion:276 Resp: 463333

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	23.8	19.5	29.3