Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000867.D
Acq On : 18 Oct 2019 04:17
Operator : JU
Sample : K5336-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-22A-D

Quant Time: Oct 18 07:50:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	185216	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	646003	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	348970	20.00	ng		-0.02
64) Phenanthrene-d10	11.29	188	627826	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	541015	20.00	ng		-0.01
87) Perylene-d12	15.45	264	586135	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1043550	90.57	ng		-0.01
7) Phenol-d6	6.39	99	1317203	94.87	ng		-0.02
23) Nitrobenzene-d5	7.31	82	729586	68.98	ng		-0.02
42) 2,4,6-Tribromophenol	10.59	330	398454	107.15	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	1499379	69.52	ng		-0.02
79) Terphenyl-d14	12.90	244	1698569	63.57	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.40	94	42921	3.019	ng		96
19) n-Nitroso-di-n-propylamine	7.31	70	90778	14.184	ng	#	73
25) Isophorone	7.31	82	729389	38.855	ng	#	61
41) Hexachlorocyclopentadiene	8.66	237	16	7.300	ng		94
50) Dimethylphthalate	9.51	163	165422	6.822	ng		99
57) 2,4-Dinitrotoluene	9.80	165	45497	6.489	ng	#	31
67) 4-Bromophenyl-phenylether	10.59	248	27796	3.933	ng	#	1
71) Phenanthrene	11.32	178	136909	4.342	ng		99
75) Fluoranthene	12.52	202	314256	8.874	ng		99
78) Pyrene	12.76	202	305839	8.196	ng		99
81) Benzo(a)anthracene	13.96	228	173775	5.264	ng		92
83) Chrysene	14.00	228	166986	5.154	ng		97
86) Indeno(1,2,3-cd)pyrene	16.93	276	83607	2.066	ng	#	94
88) Benzo(b)fluoranthene	15.02	252	291653	8.771	ng		97
89) Benzo(k)fluoranthene	15.02	252	291653	9.213	ng	#	98
90) Benzo(a)pyrene	15.39	252	152005	4.904	ng	#	95
92) Benzo(g,h,i)perylene	17.37	276	79704	2.609	ng		97

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

Quantitation Report (Not Reviewed)

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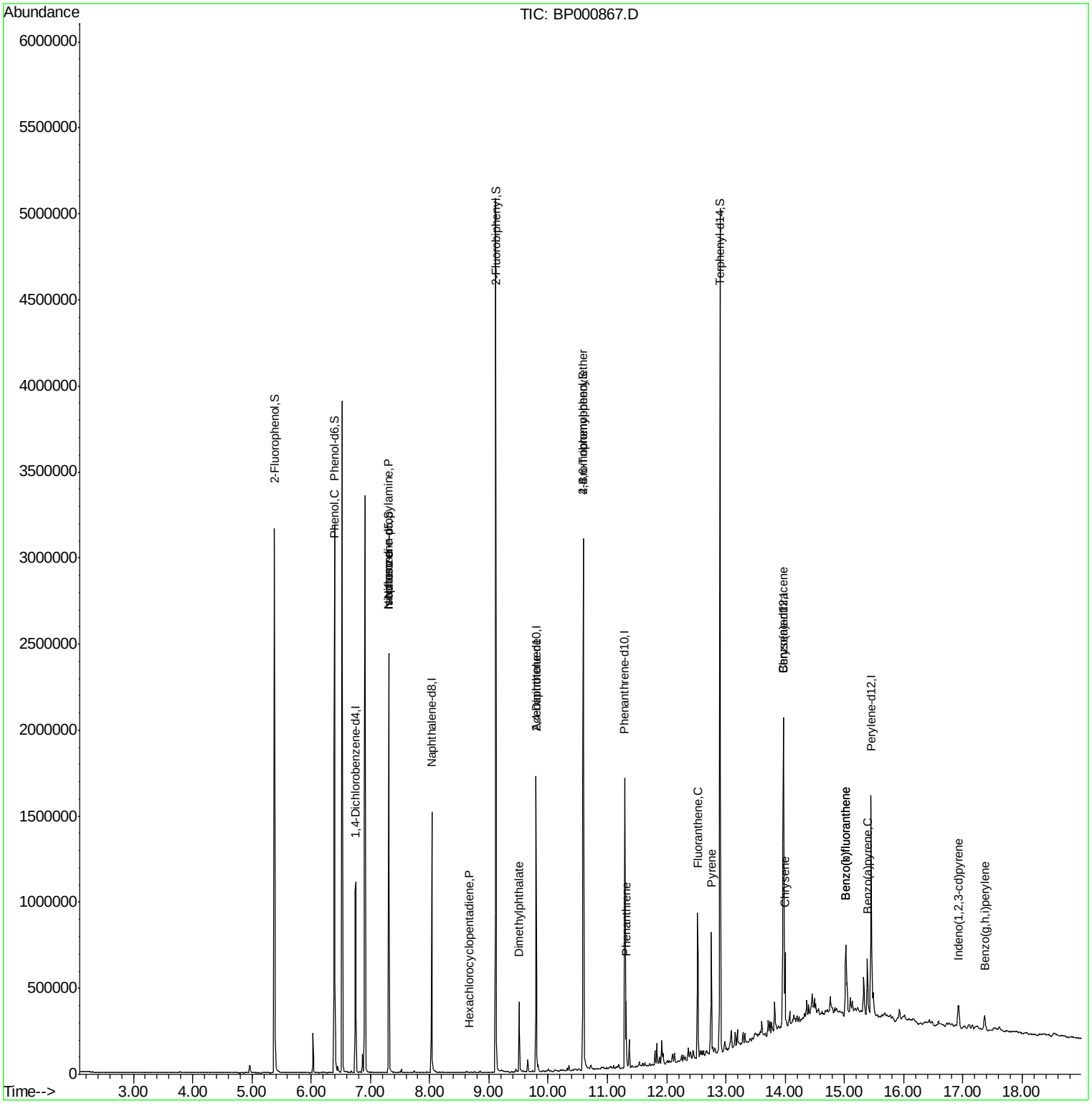
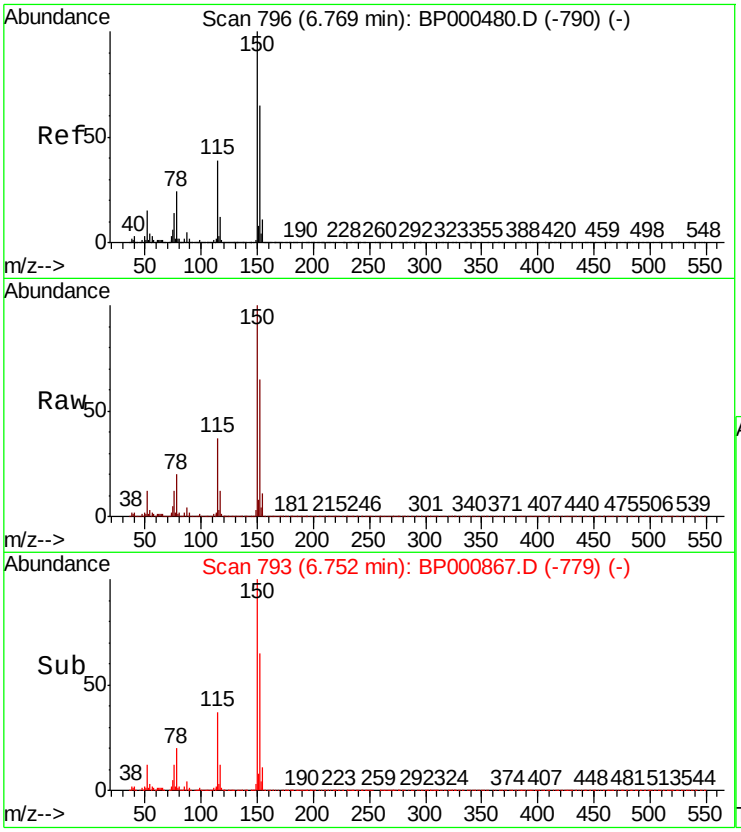


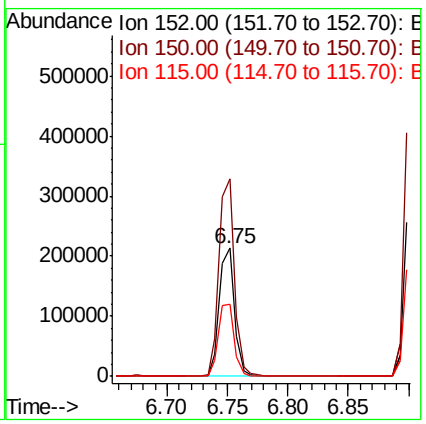


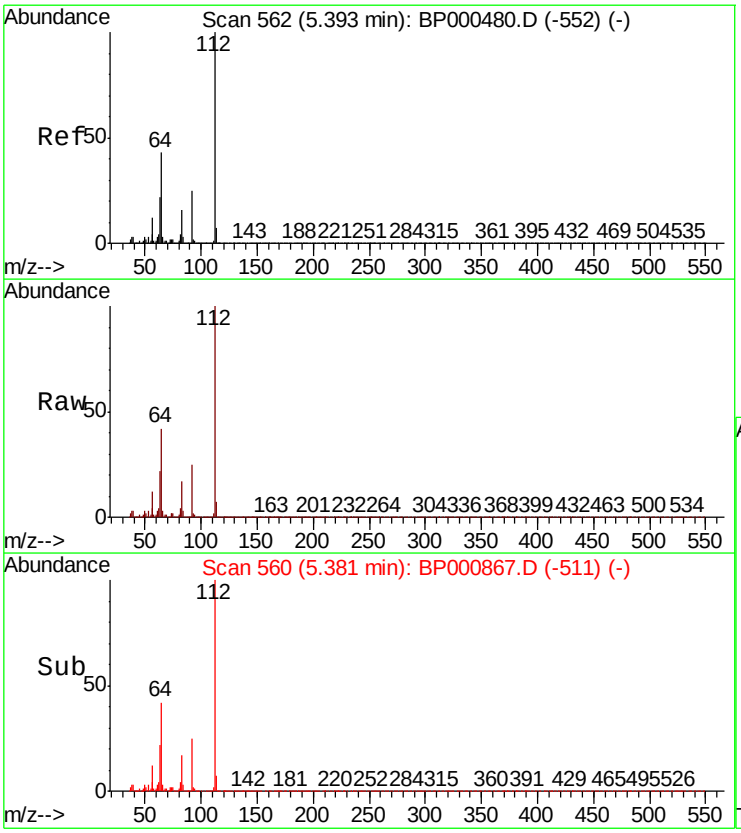
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Instrument :
BNA_P
ClientSampleId :
TP-22A-D

Tgt Ion:152 Resp: 185216

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.1	186.1
115	56.5	48.7	73.1

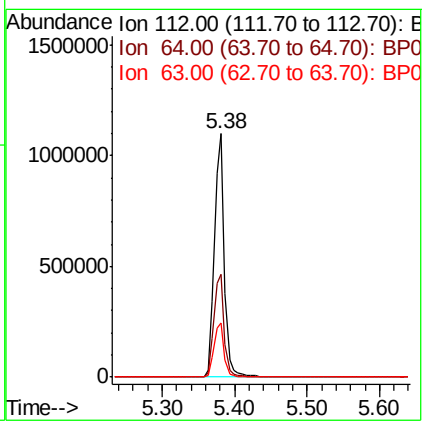


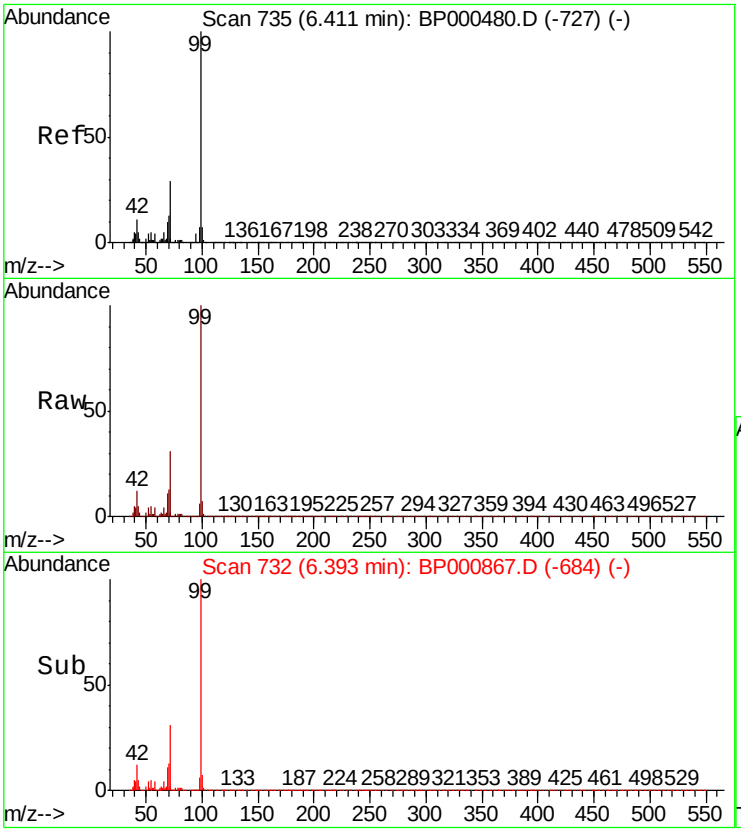


#5
2-Fluorophenol
Concen: 90.567 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Tgt Ion:112 Resp: 1043550

Ion	Ratio	Lower	Upper
112	100		
64	42.1	34.2	51.4
63	22.0	17.9	26.9



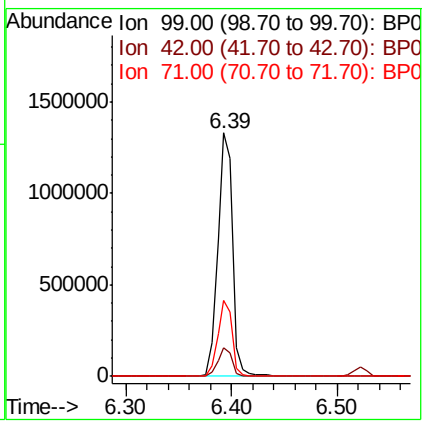


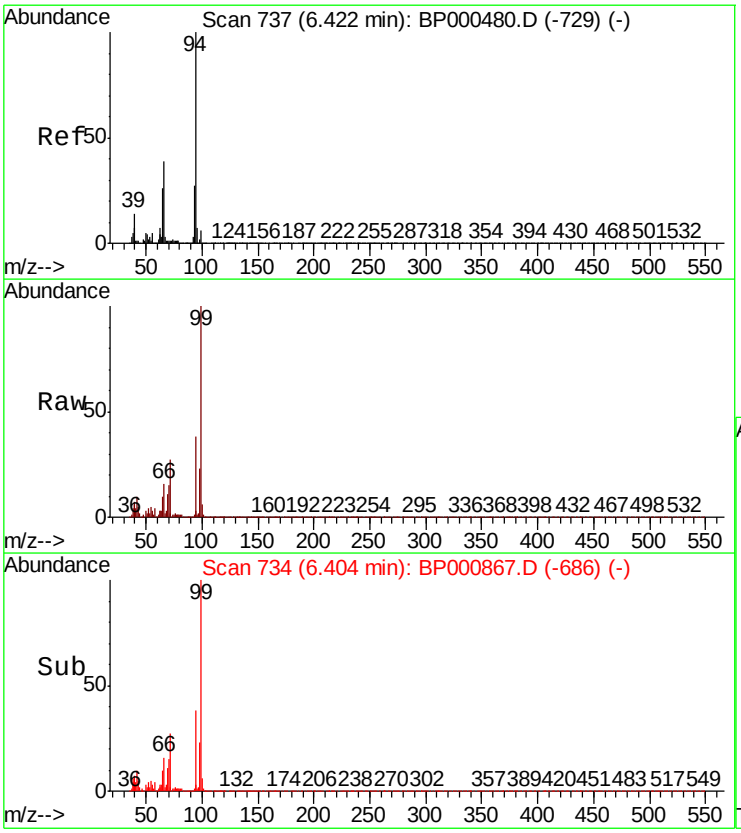
#7
Phenol-d6
Concen: 94.865 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Instrument :
BNA_P
ClientSampleId :
TP-22A-D

Tgt Ion: 99 Resp: 1317203

Ion	Ratio	Lower	Upper
99	100		
42	11.6	8.6	12.8
71	31.3	23.0	34.4

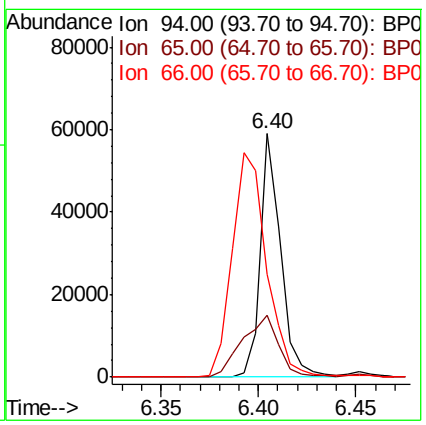


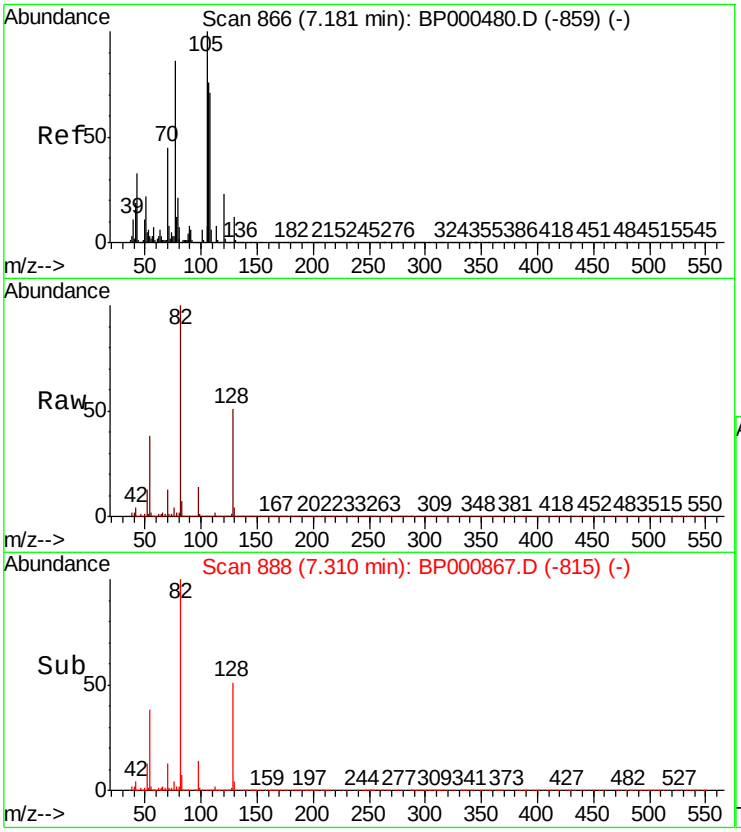


#10
Phenol
Concen: 3.019 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Tgt Ion: 94 Resp: 42921

Ion	Ratio	Lower	Upper
94	100		
65	25.3	5.9	45.9
66	42.0	18.8	58.8



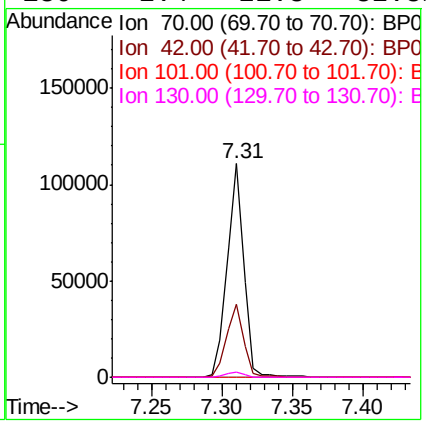


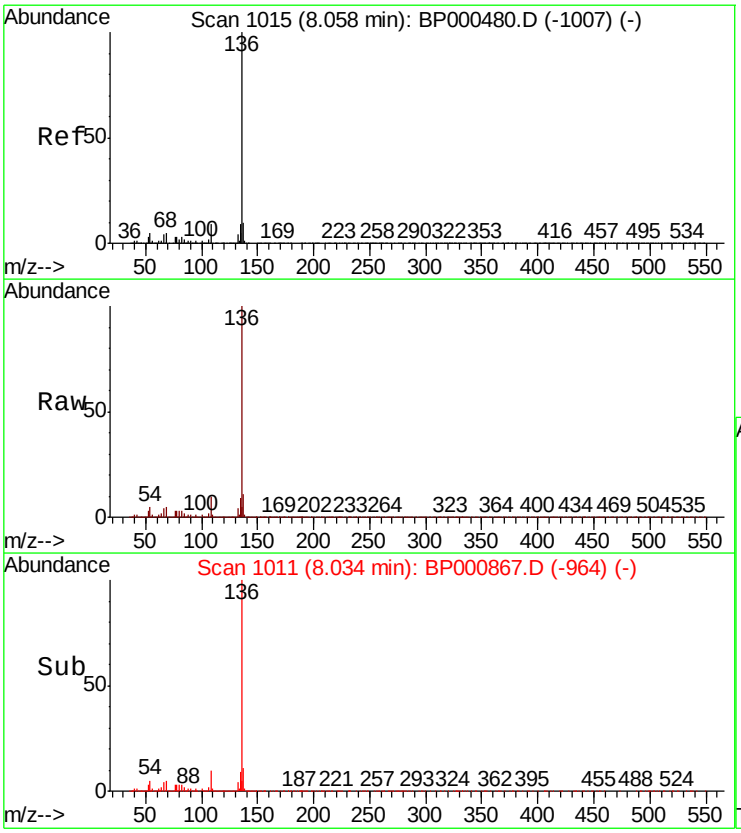
#19
n-Nitroso-di-n-propylamine
Concen: 14.184 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Instrument :
BNA_P
ClientSampleId :
TP-22A-D

Tgt Ion: 70 Resp: 90778

Ion	Ratio	Lower	Upper
70	100		
42	34.1	33.2	49.8
101	0.0	9.9	14.9#
130	2.4	21.8	32.8#

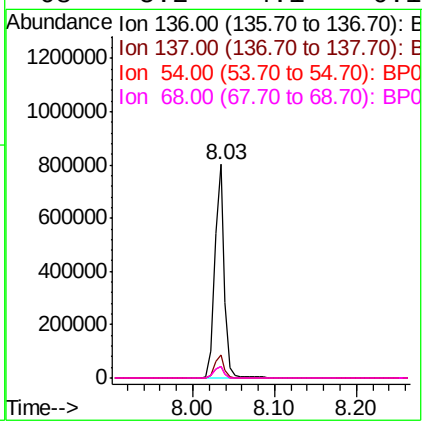


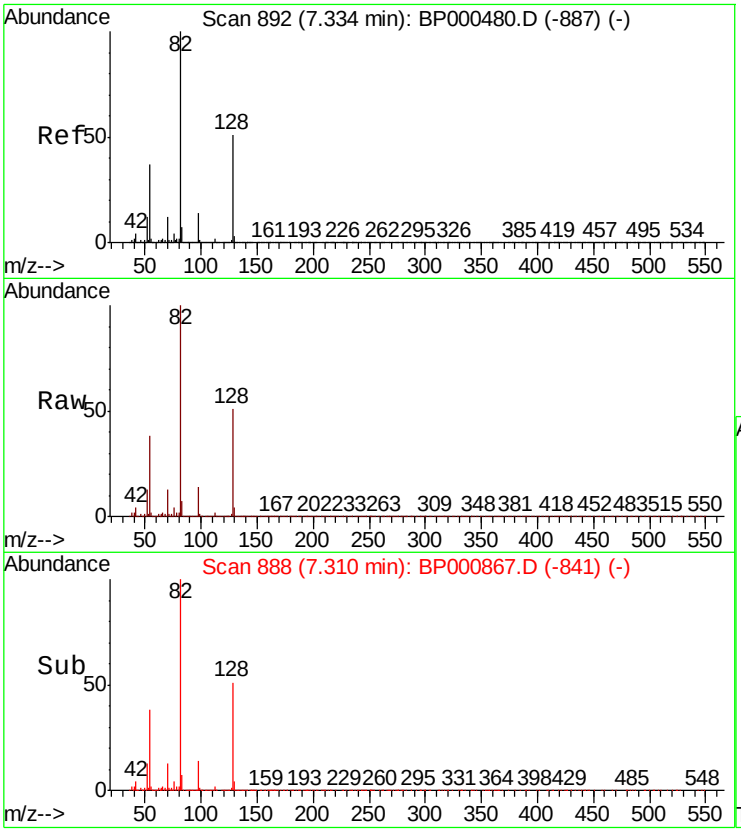


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Tgt Ion:136 Resp: 646003

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	5.2	4.1	6.1
68	5.2	4.1	6.1



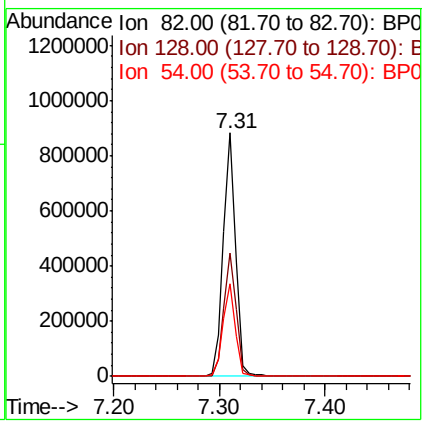


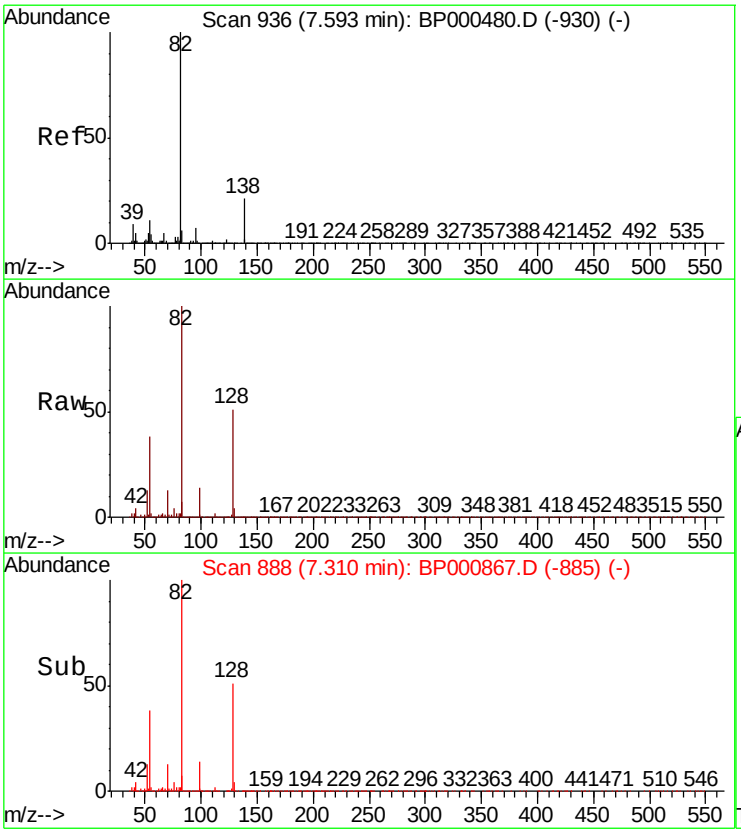
#23
Nitrobenzene-d5
Concen: 68.978 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Instrument :
BNA_P
ClientSampleId :
TP-22A-D

Tgt Ion: 82 Resp: 729586

Ion	Ratio	Lower	Upper
82	100		
128	50.5	40.9	61.3
54	38.0	29.4	44.2

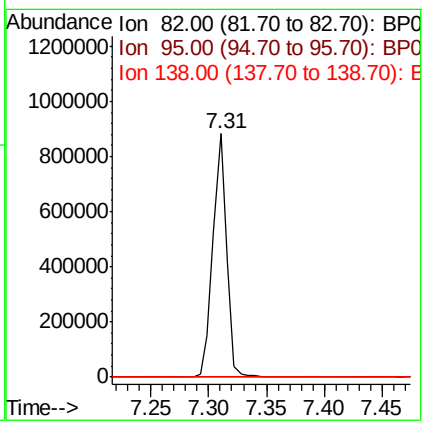


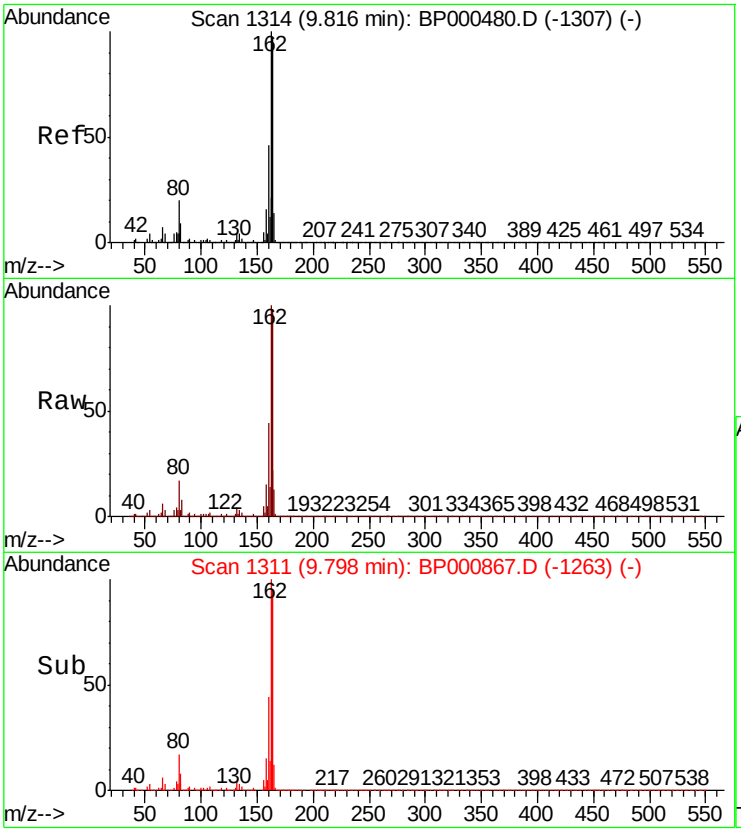


#25
Isophorone
Concen: 38.855 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Tgt Ion: 82 Resp: 729389

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	17.0	25.4#



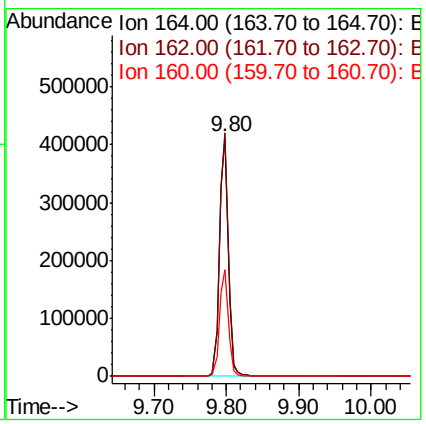


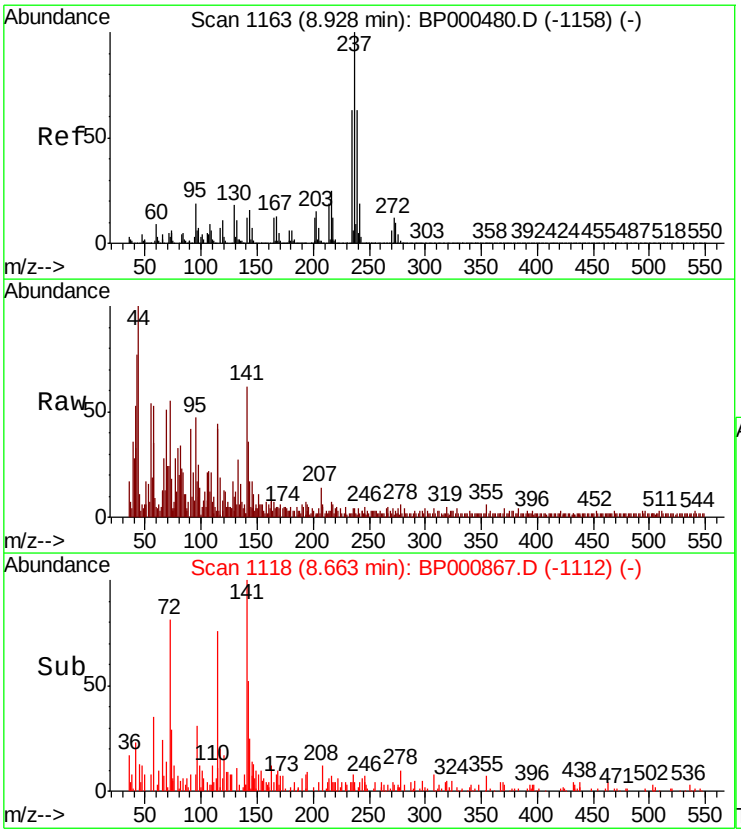
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Instrument :
BNA_P
ClientSampleId :
TP-22A-D

Tgt Ion:164 Resp: 348970

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.2	123.2
160	44.8	37.6	56.4

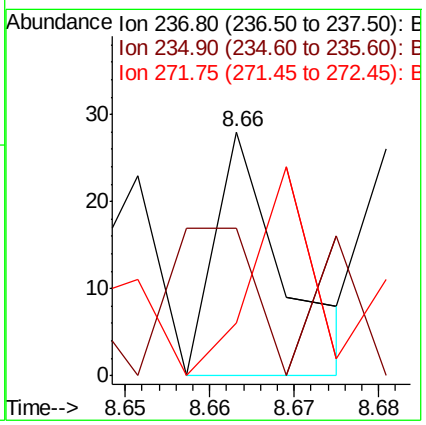


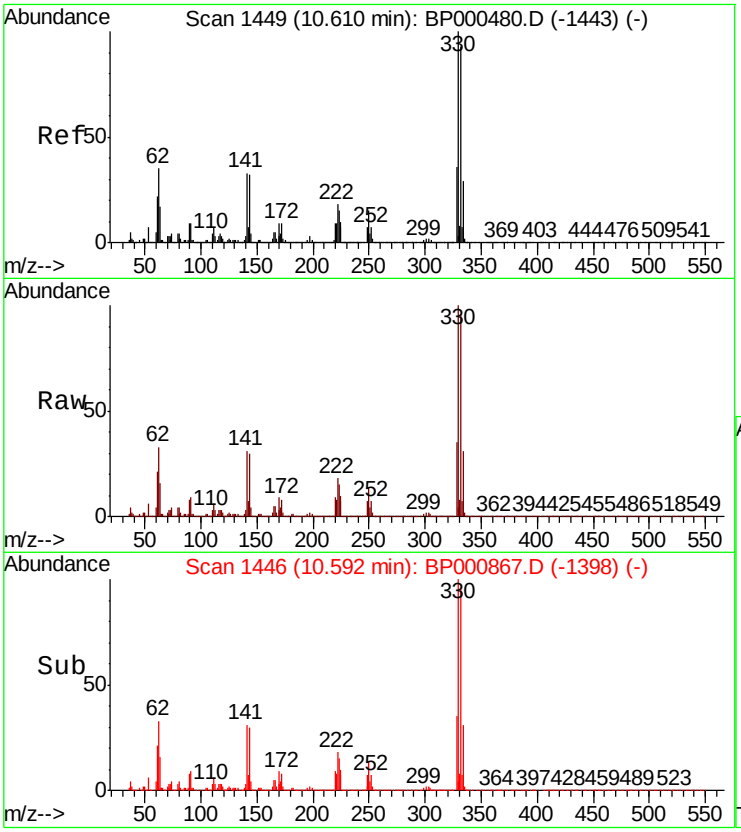


#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.26 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Tgt Ion:237 Resp: 16

Ion	Ratio	Lower	Upper
237	100		
235	60.7	42.9	82.9
272	21.4	0.0	32.4



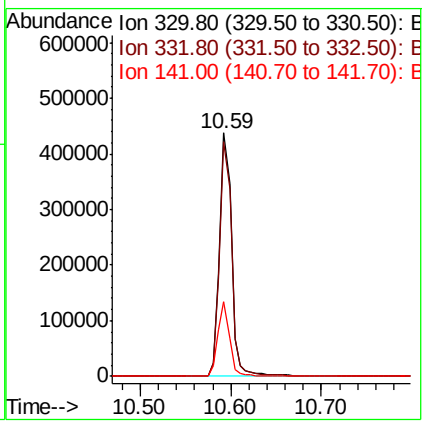


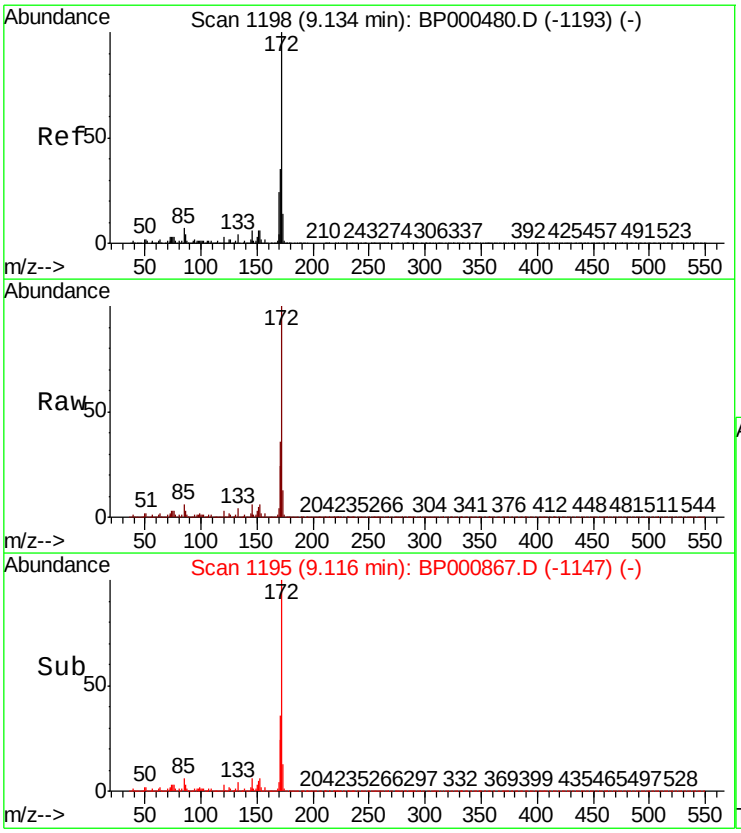
#42
2,4,6-Tribromophenol
Concen: 107.149 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Instrument :
BNA_P
ClientSampleId :
TP-22A-D

Tgt Ion:330 Resp: 398454

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.1	115.7
141	29.6	26.0	39.0

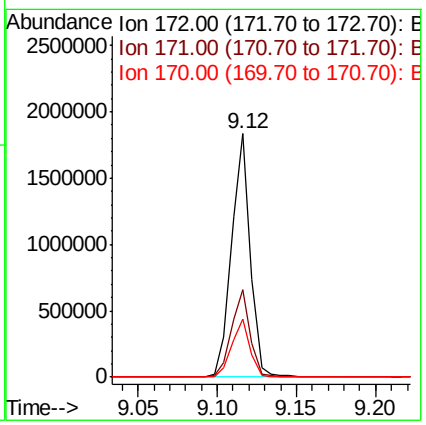


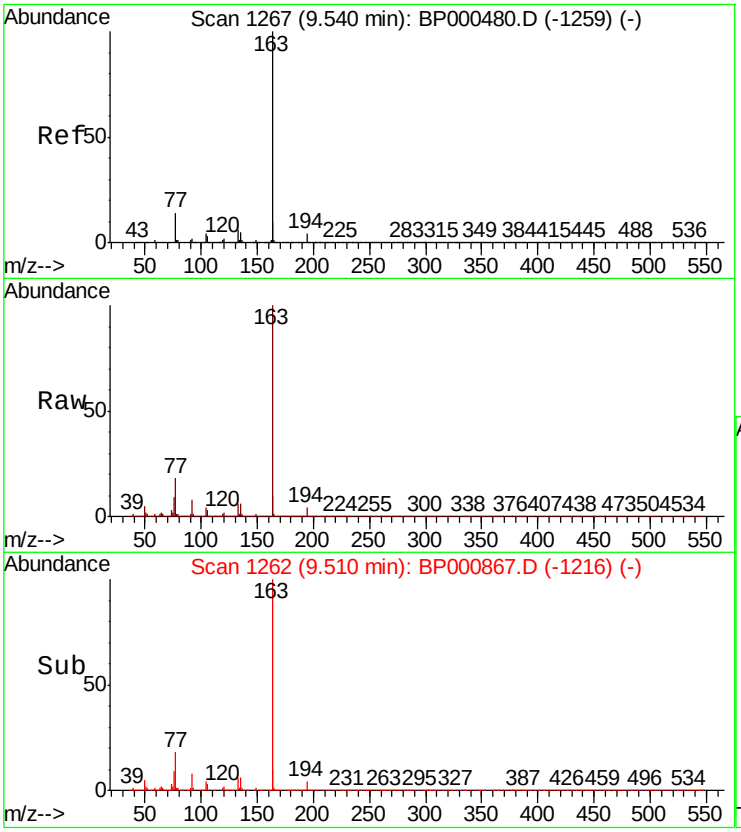


#45
2-Fluorobiphenyl
Concen: 69.519 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Tgt Ion:172 Resp: 1499379

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.4	42.6
170	24.0	19.1	28.7



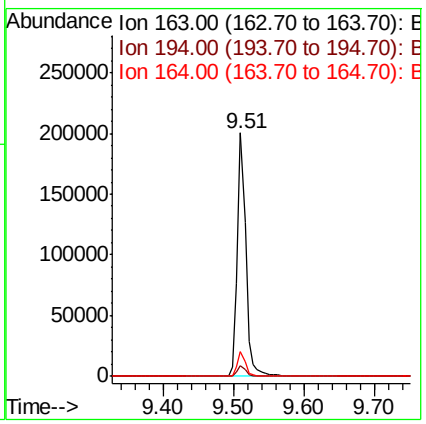


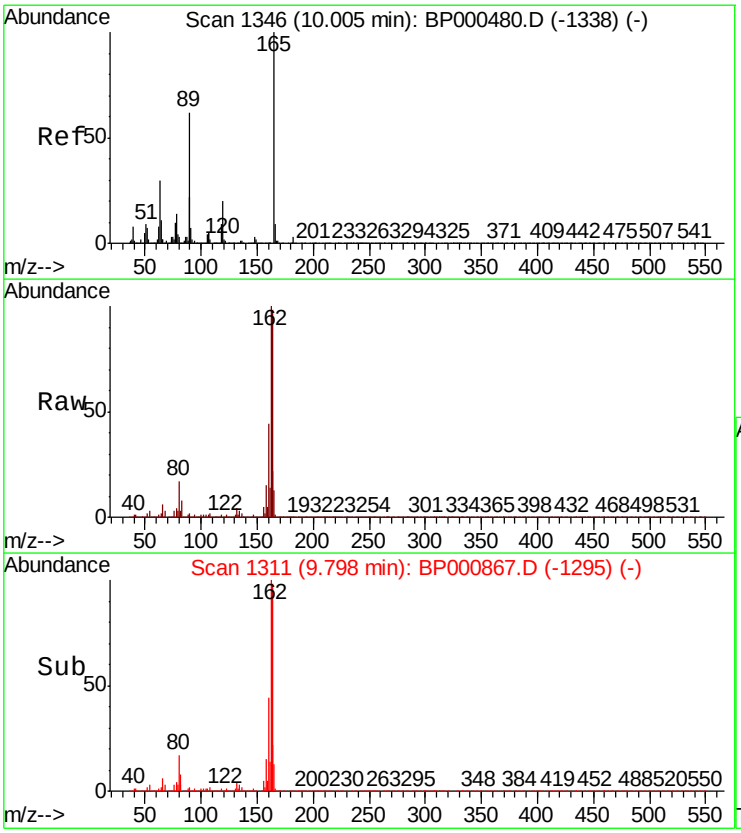
#50
Dimethylphthalate
Concen: 6.822 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Instrument :
BNA_P
ClientSampleId :
TP-22A-D

Tgt Ion:163 Resp: 165422

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.3	8.0	12.0

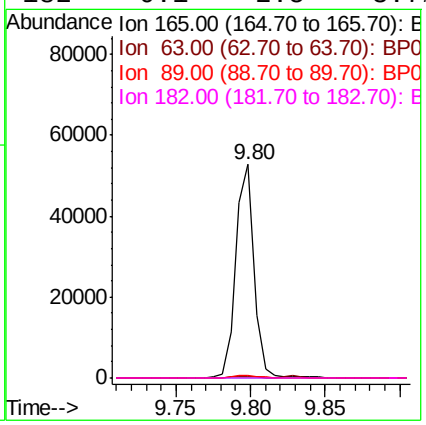


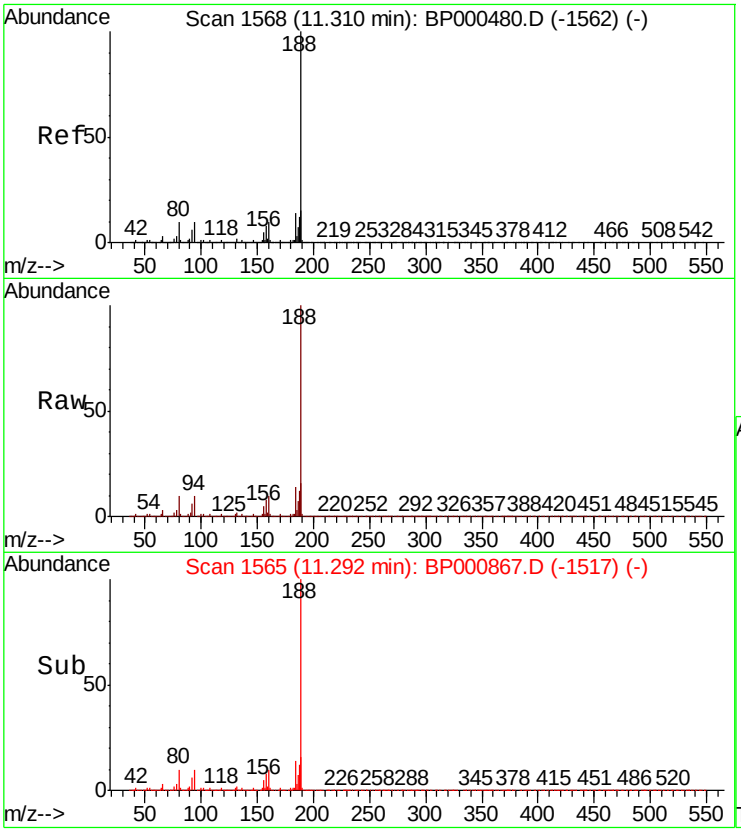


#57
2,4-Dinitrotoluene
Concen: 6.489 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Tgt Ion:165 Resp: 45497

Ion	Ratio	Lower	Upper
165	100		
63	0.8	24.2	36.4#
89	1.2	49.4	74.0#
182	0.1	2.5	3.7#



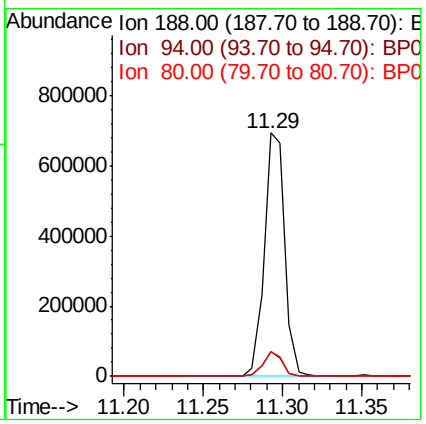


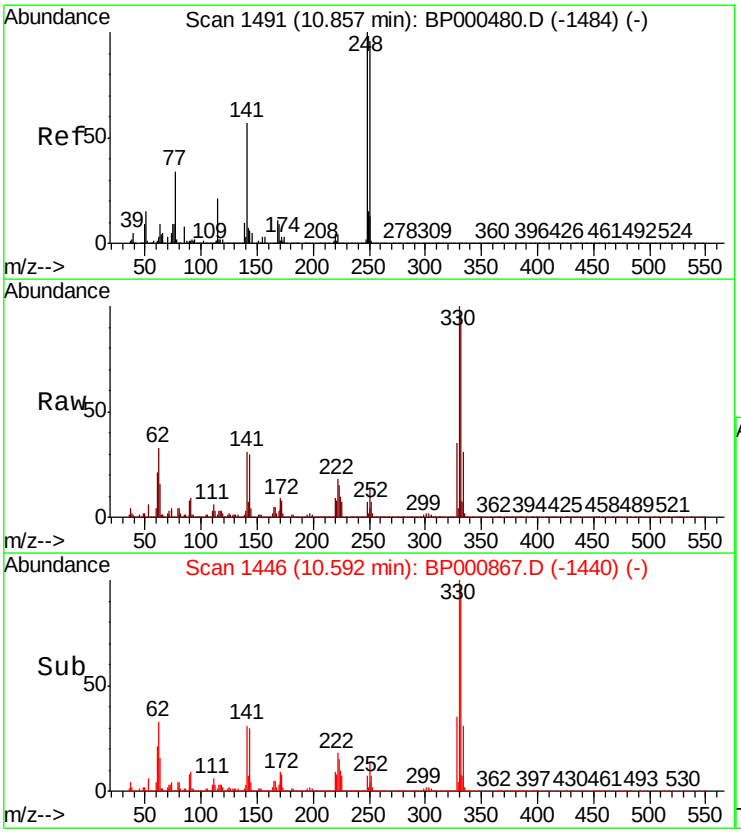
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Instrument :
BNA_P
ClientSampleId :
TP-22A-D

Tgt Ion:188 Resp: 627826

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.2
80	10.3	8.3	12.5

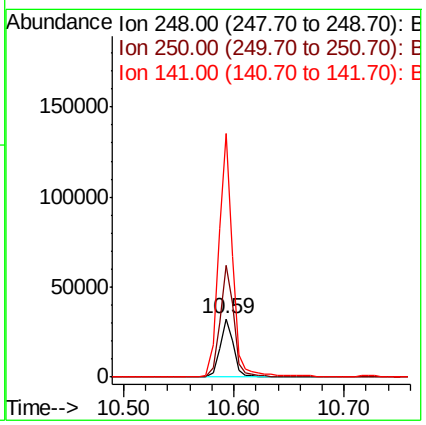


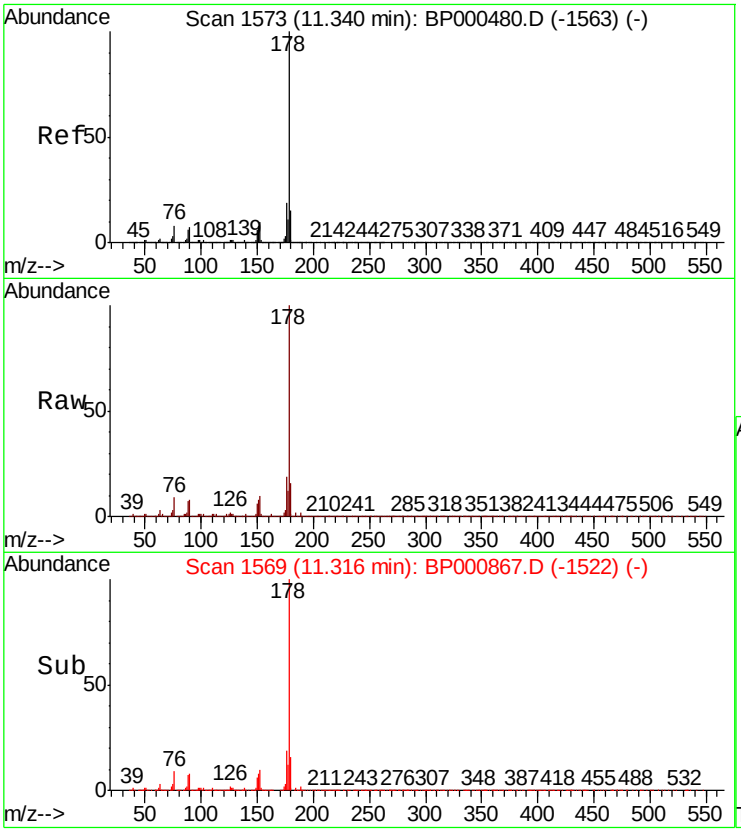


#67
4-Bromophenyl-phenylether
Concen: 3.933 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.26 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Tgt Ion:248 Resp: 27796

Ion	Ratio	Lower	Upper
248	100		
250	193.5	77.2	115.8#
141	419.8	45.3	67.9#



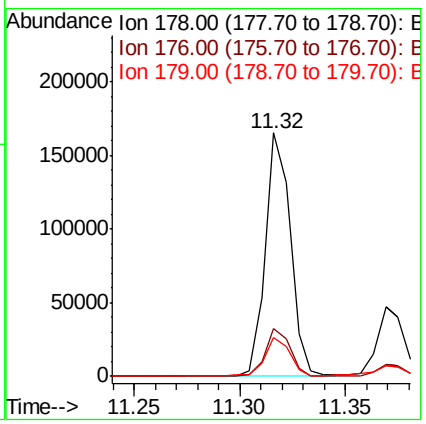


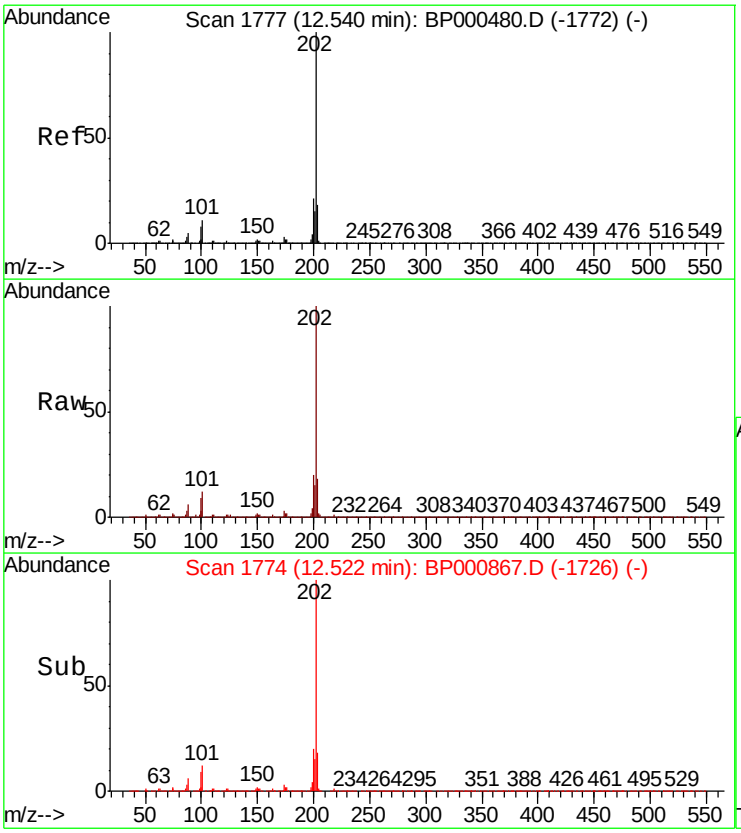
#71
Phenanthrene
Concen: 4.342 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Instrument :
BNA_P
ClientSampleId :
TP-22A-D

Tgt Ion:178 Resp: 136909

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.8	12.2	18.4

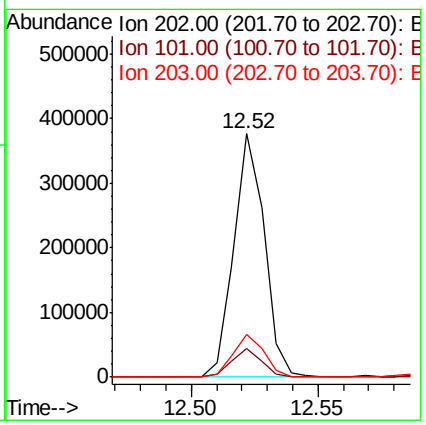


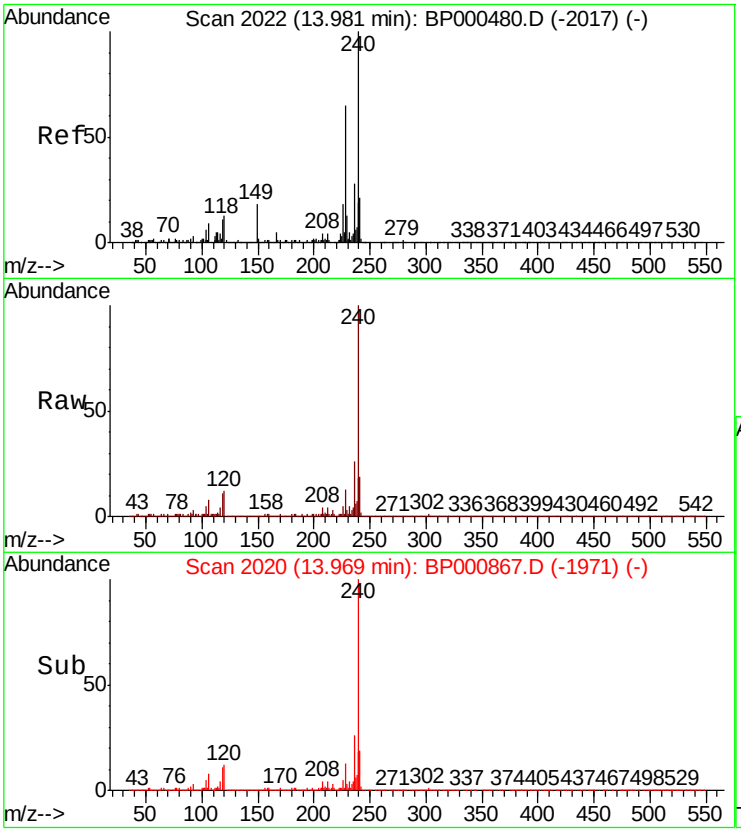


#75
Fluoranthene
Concen: 8.874 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Tgt Ion:202 Resp: 314256

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.3
203	17.7	0.0	38.1



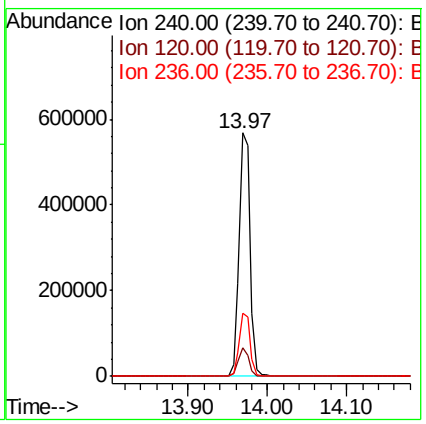


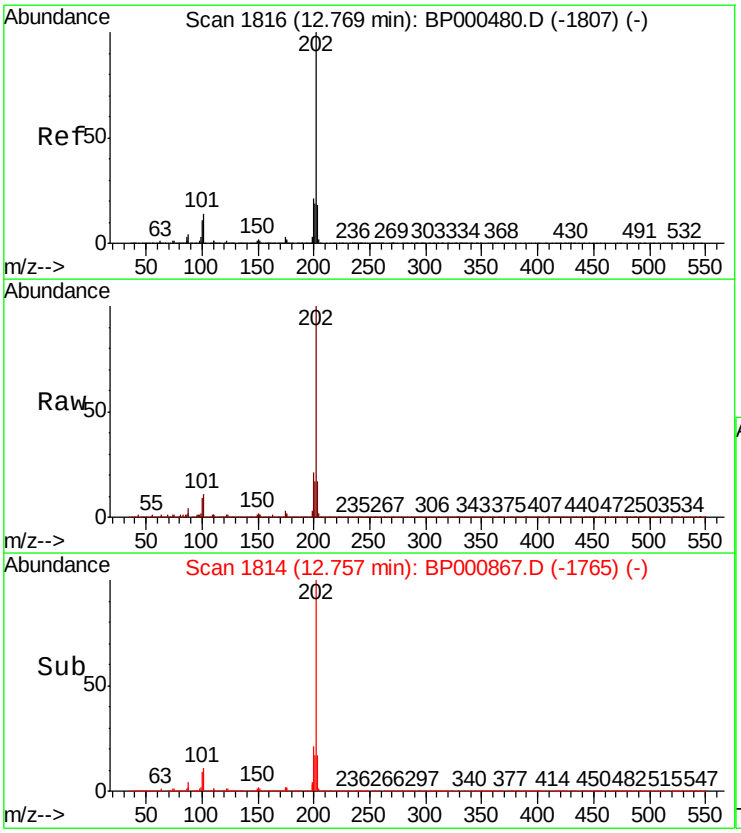
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Instrument :
BNA_P
ClientSampleId :
TP-22A-D

Tgt Ion:240 Resp: 541015

Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.1	15.1
236	25.9	22.7	34.1

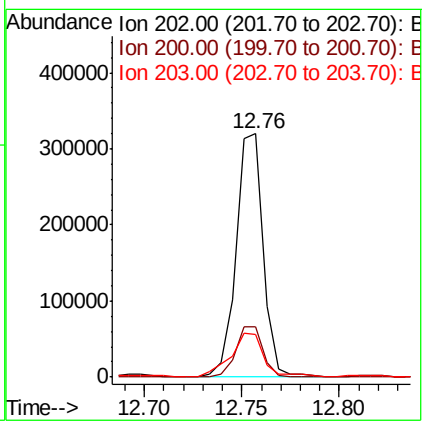


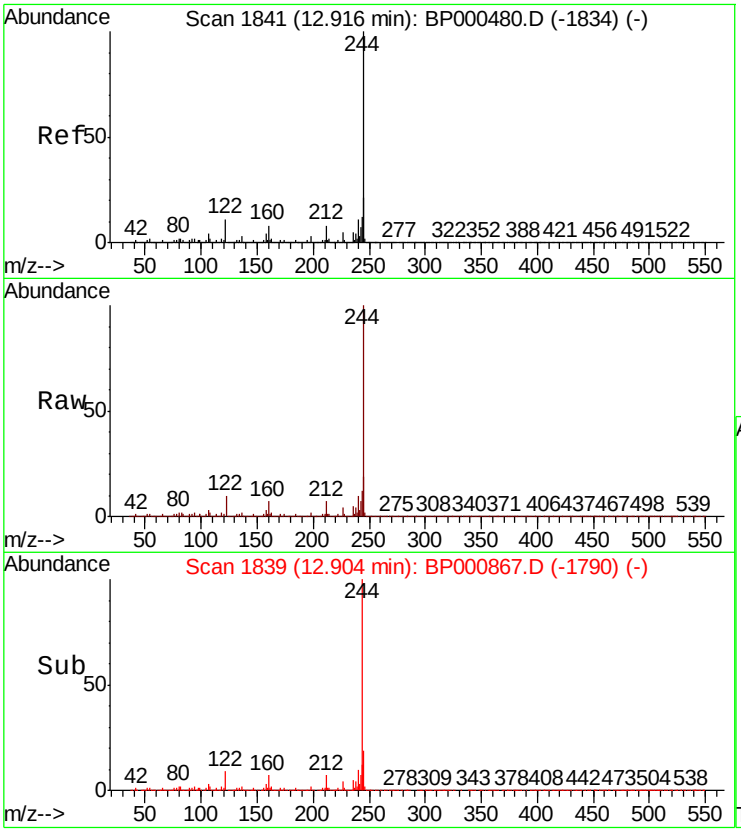


#78
Pyrene
Concen: 8.196 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Tgt Ion:202 Resp: 305839

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.1	25.7
203	17.5	14.6	21.8



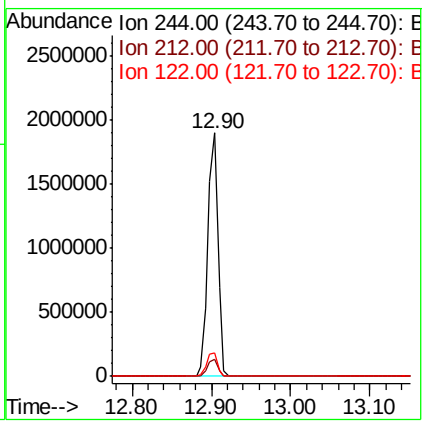


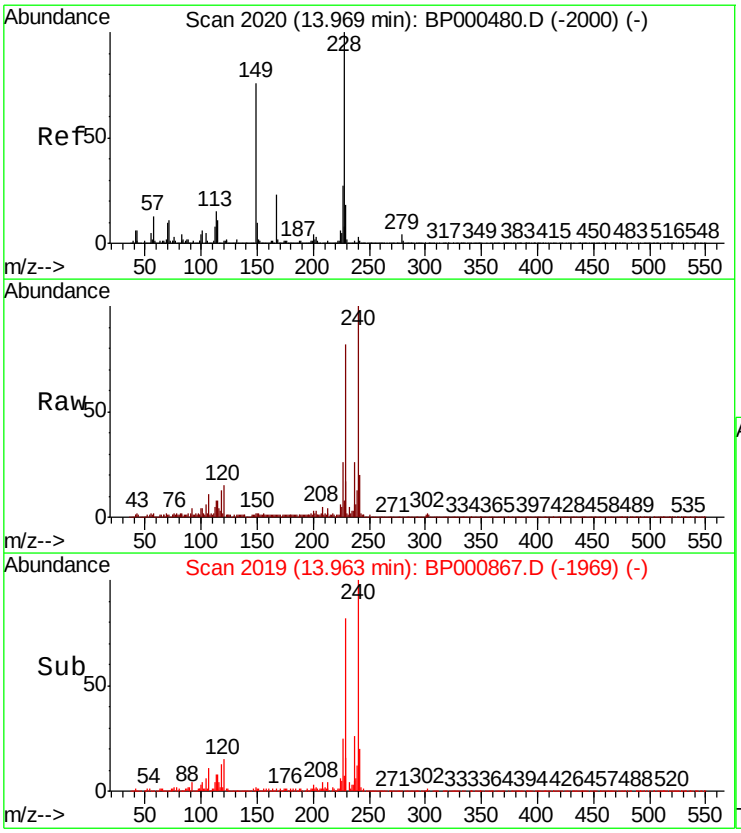
#79
Terphenyl-d14
Concen: 63.568 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Instrument :
BNA_P
ClientSampleId :
TP-22A-D

Tgt Ion:244 Resp: 1698569

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	9.5	8.9	13.3

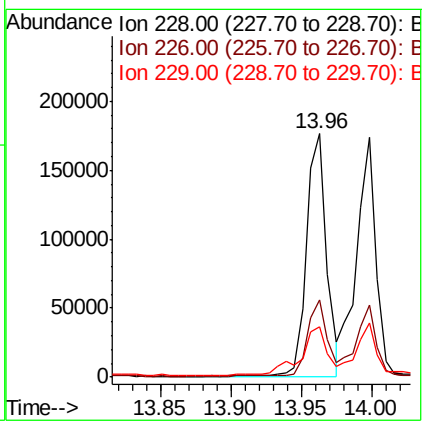


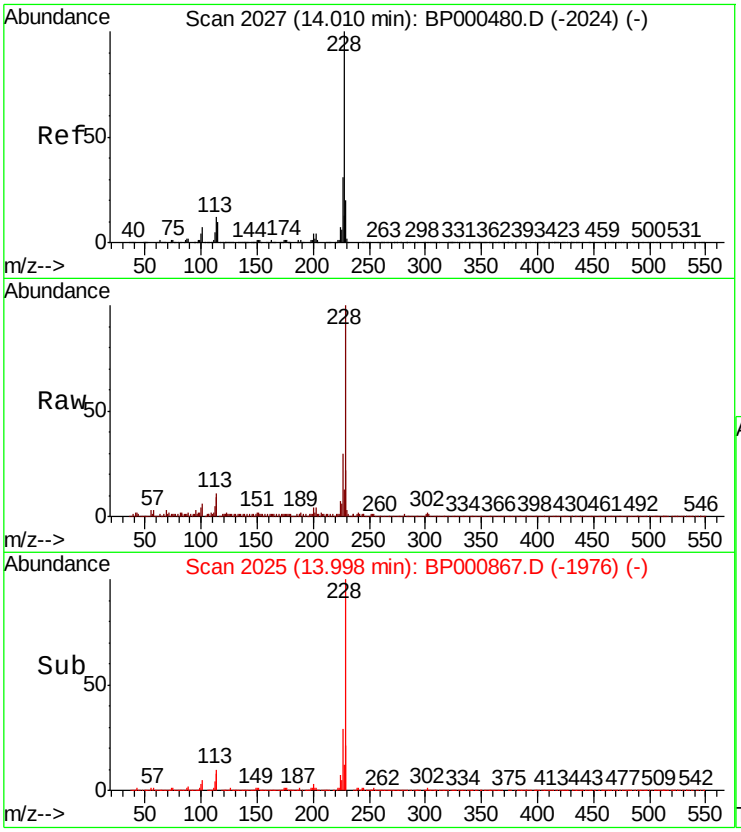


#81
Benzo(a)anthracene
Concen: 5.264 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Tgt Ion:228 Resp: 173775

Ion	Ratio	Lower	Upper
228	100		
226	31.7	21.4	32.2
229	20.6	14.7	22.1



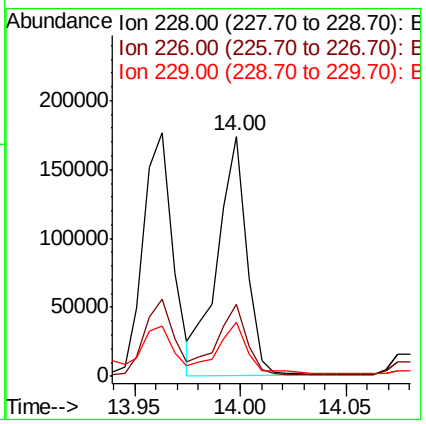


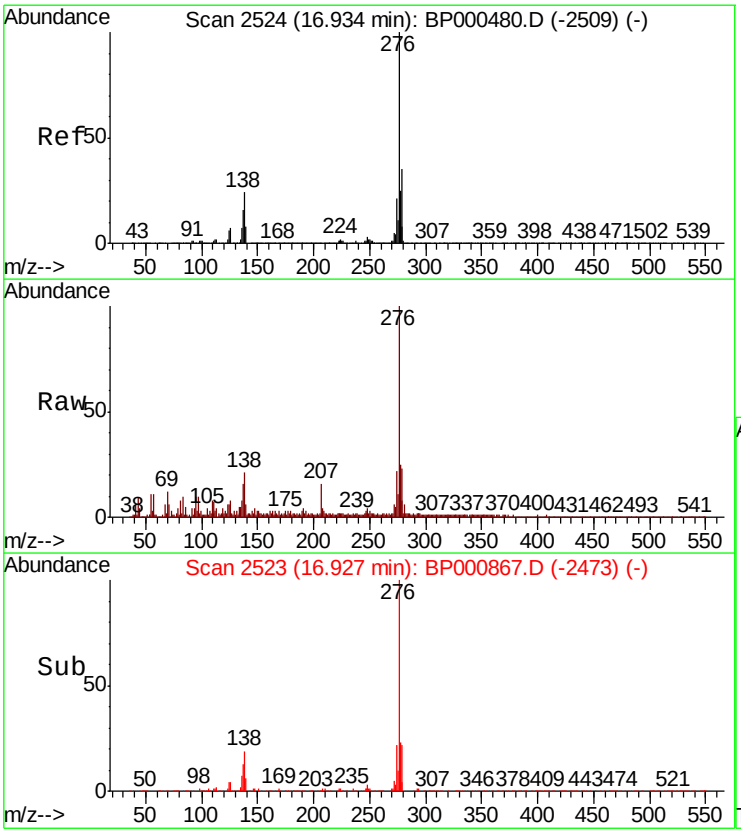
#83
Chrysene
Concen: 5.154 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Instrument :
BNA_P
ClientSampleId :
TP-22A-D

Tgt Ion:228 Resp: 166986

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	22.4	16.3	24.5

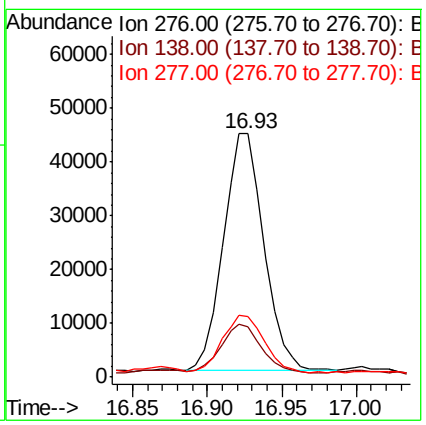


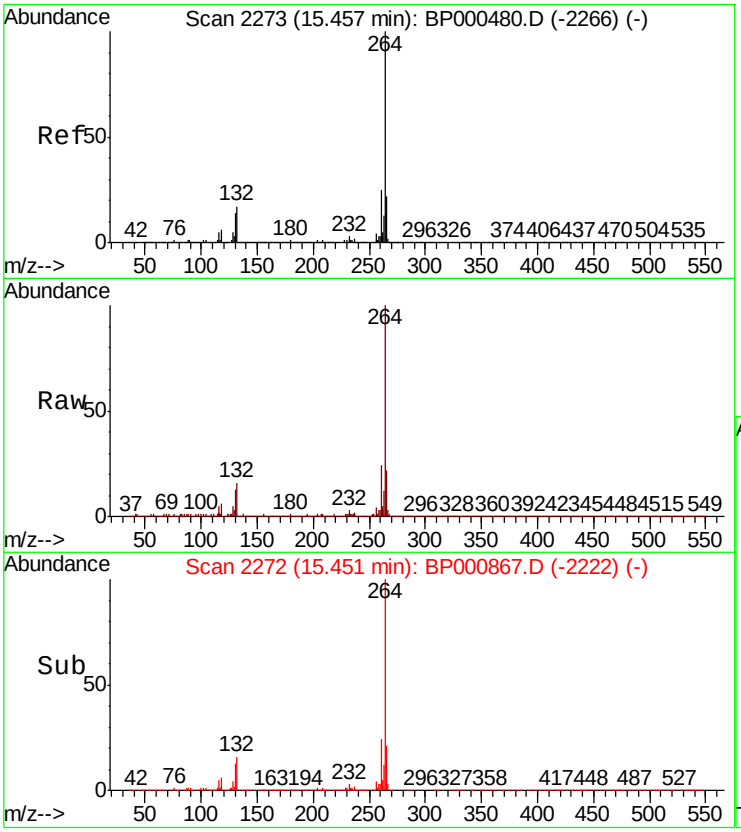


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.066 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Tgt Ion:276 Resp: 83607

Ion	Ratio	Lower	Upper
276	100		
138	20.5	20.9	31.3#
277	25.9	20.6	30.8



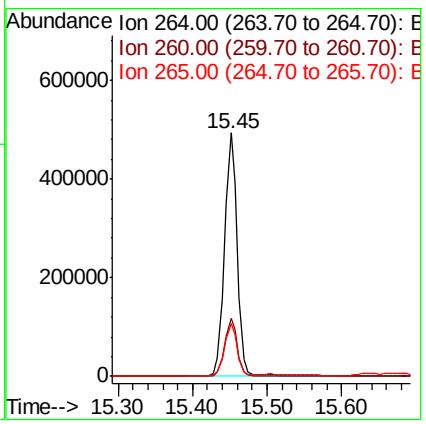


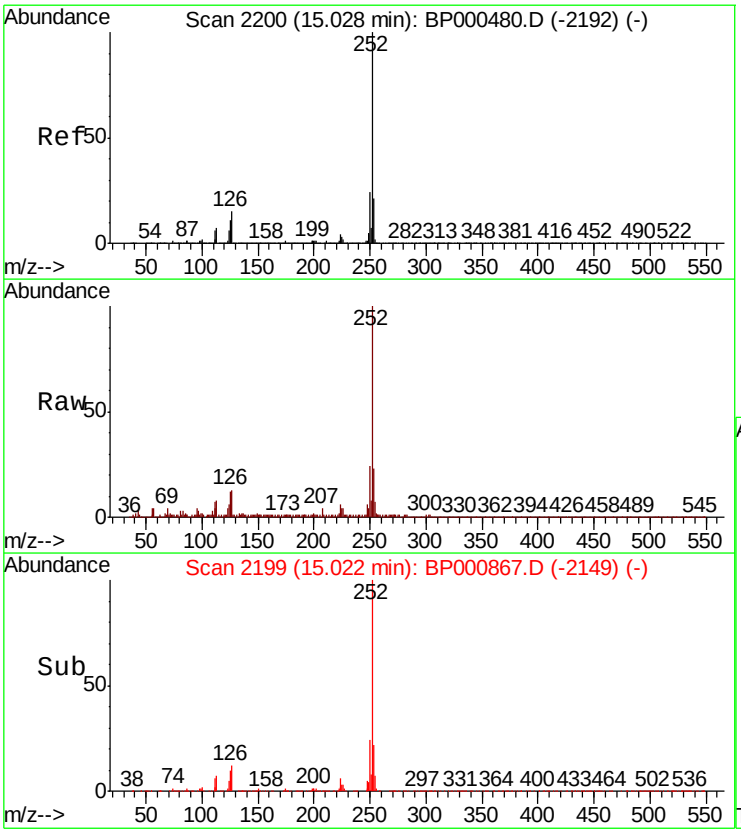
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Instrument :
BNA_P
ClientSampleId :
TP-22A-D

Tgt Ion:264 Resp: 586135

Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.3	30.5
265	21.6	18.0	27.0

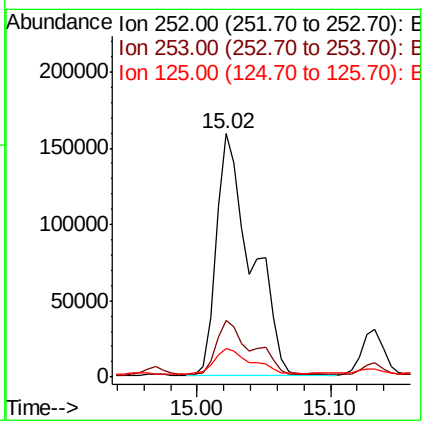


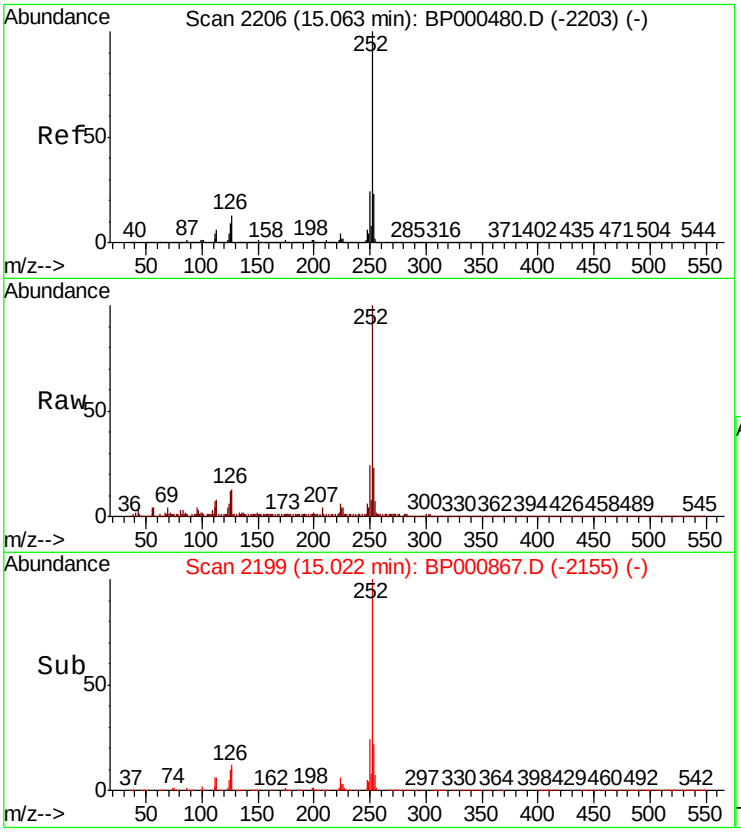


#88
Benzo(b)fluoranthene
Concen: 8.771 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Tgt Ion:252 Resp: 291653

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.4
125	11.8	8.9	13.3



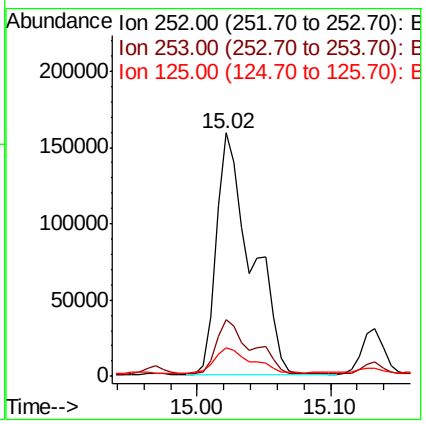


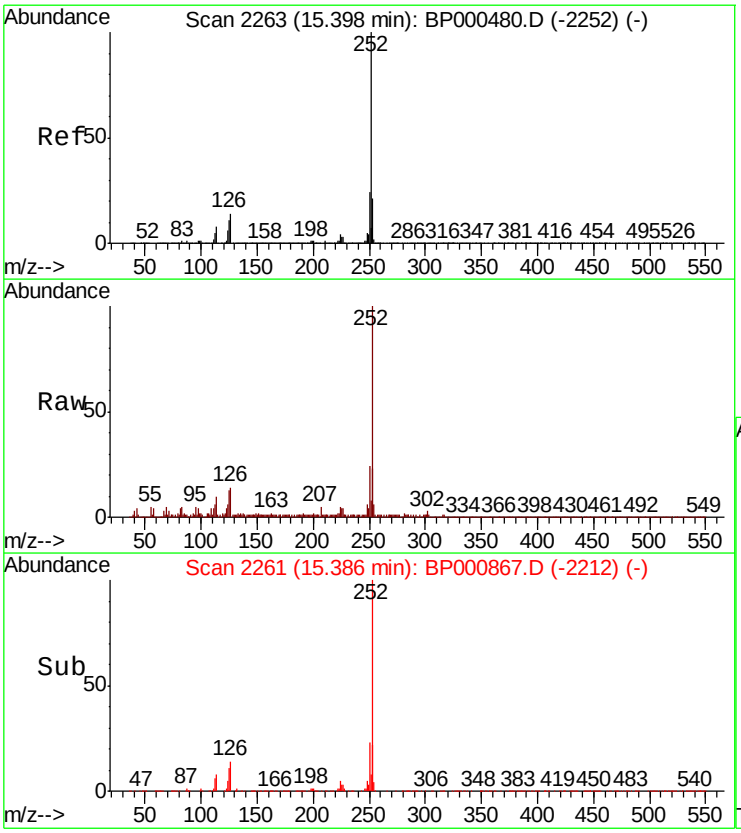
#89
Benzo(k)fluoranthene
Concen: 9.213 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Instrument :
BNA_P
ClientSampleId :
TP-22A-D

Tgt Ion:252 Resp: 291653

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	11.8	7.8	11.8#

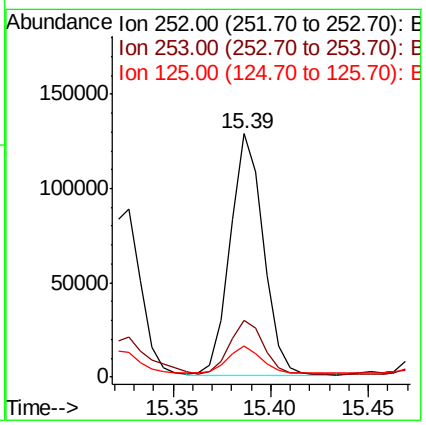


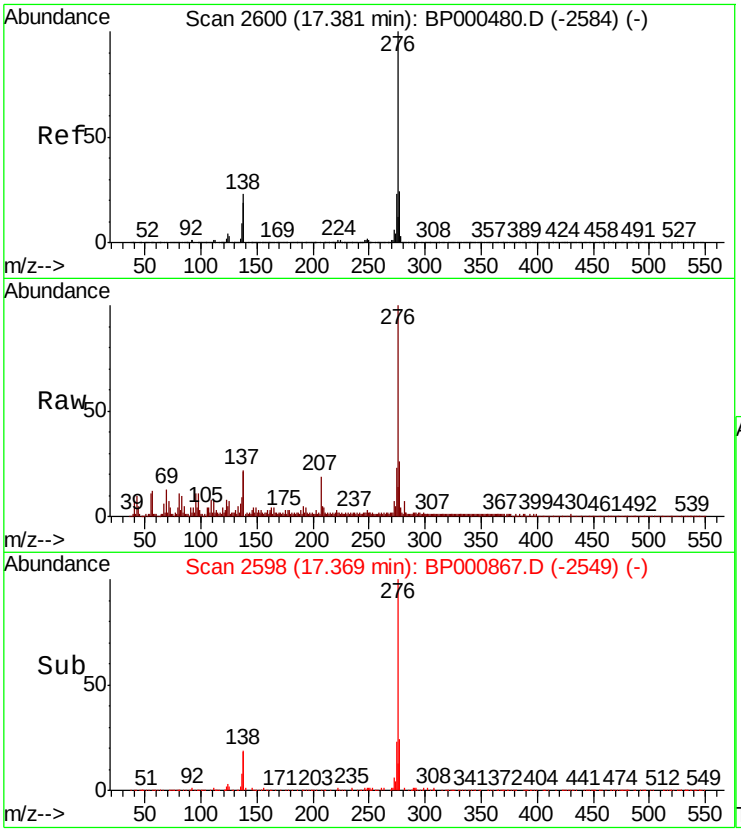


#90
Benzo(a)pyrene
Concen: 4.904 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Tgt Ion:252 Resp: 152005

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	12.7	8.4	12.6#





#92
Benzo(g,h,i)perylene
Concen: 2.609 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BP000867.D
Acq: 18 Oct 2019 04:17

Instrument :
BNA_P
ClientSampleId :
TP-22A-D

Tgt Ion:276 Resp: 79704

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.4	29.2
138	21.0	18.5	27.7