Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000883.D
Acq On : 18 Oct 2019 18:14
Operator : JU
Sample : K5394-04 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T-15-E1-(0-20)

Quant Time: Oct 19 02:18:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 16:40:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	157675	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	575902	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	310880	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	569186	20.00	ng		0.00
76) Chrysene-d12	13.96	240	503502	20.00	ng		0.00
87) Perylene-d12	15.45	264	569963	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	259137	26.42	ng		0.00
7) Phenol-d6	6.38	99	523216	44.26	ng		0.00
23) Nitrobenzene-d5	7.30	82	295537	31.34	ng		0.00
42) 2,4,6-Tribromophenol	10.58	330	24358	7.35	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	716581	37.29	ng		0.00
79) Terphenyl-d14	12.89	244	831612	33.44	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	37341	6.854	ng	#	74
25) Isophorone	7.30	82	294974	17.626	ng	#	61
41) Hexachlorocyclopentadiene	8.83	237	7	7.299	ng		81
50) Dimethylphthalate	9.50	163	94047	4.354	ng		99
51) 2,6-Dinitrotoluene	9.79	165	41858	8.886	ng	#	32
57) 2,4-Dinitrotoluene	9.79	165	41858	6.702	ng	#	31
71) Phenanthrene	11.31	178	256652	8.978	ng		99
72) Anthracene	11.36	178	84277	2.973	ng		99
75) Fluoranthene	12.52	202	687640	21.418	ng		98
78) Pyrene	12.75	202	605521	17.437	ng		98
81) Benzo(a)anthracene	13.96	228	288974	9.406	ng		98
83) Chrysene	13.99	228	256825	8.518	ng		97
86) Indeno(1,2,3-cd)pyrene	16.92	276	85147	2.261	ng		96
88) Benzo(b)fluoranthene	15.02	252	343087	10.610	ng	#	90
89) Benzo(k)fluoranthene	15.02	252	343087	11.145	ng	#	91
90) Benzo(a)pyrene	15.38	252	178950	5.937	ng	#	89
92) Benzo(g,h,i)perylene	17.37	276	80810	2.720	ng	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
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ALS Vial : 11 Sample Multiplier: 1

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BNA_P
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T-15-E1-(0-20)

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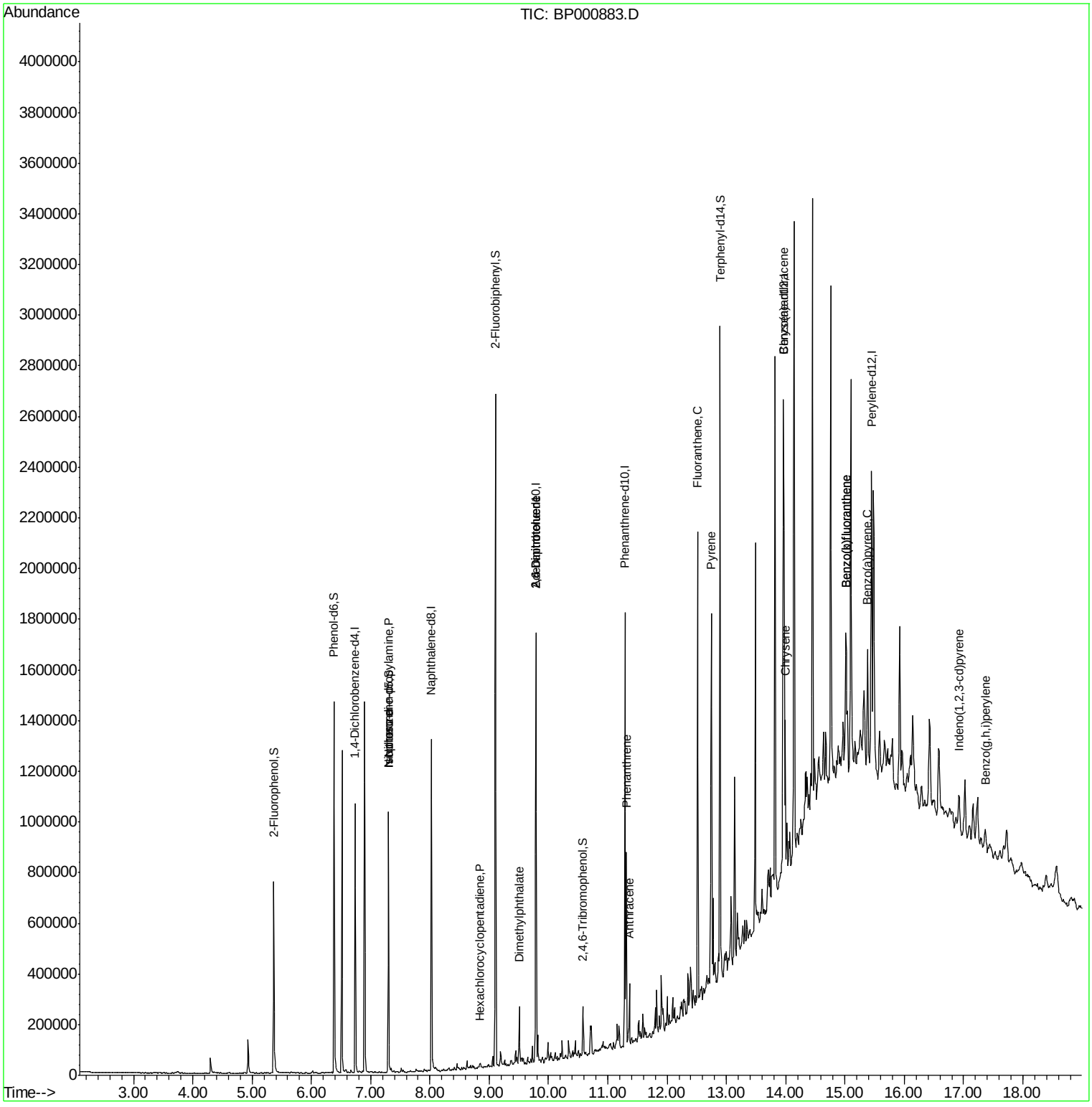
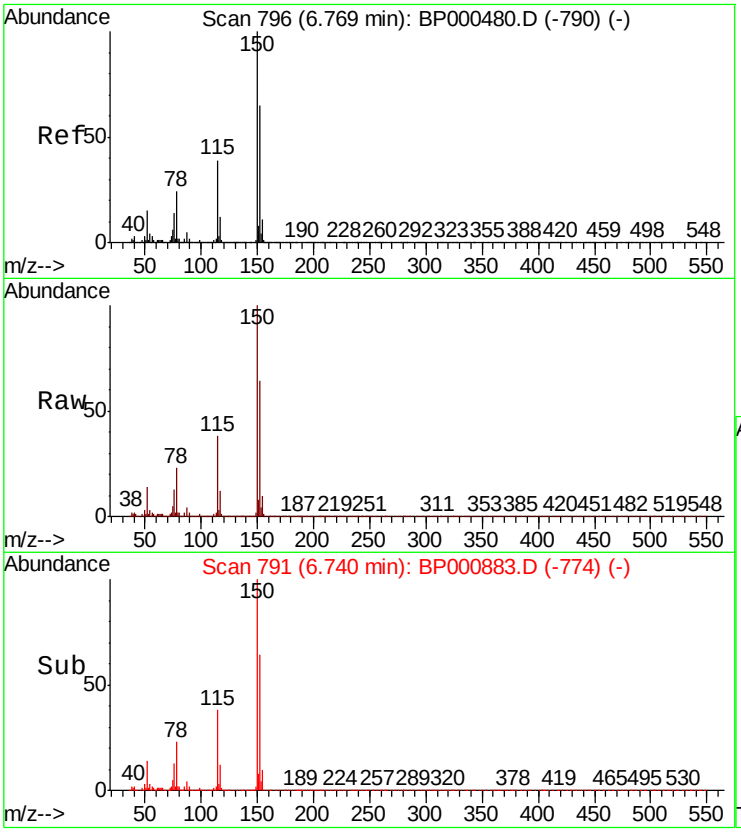


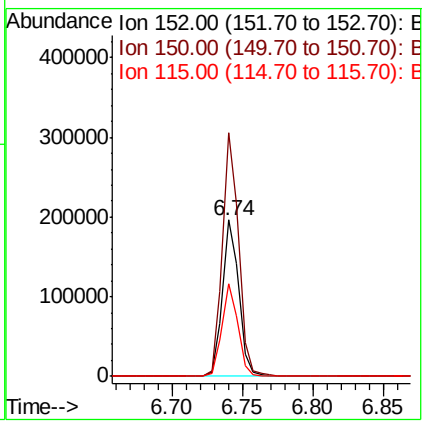


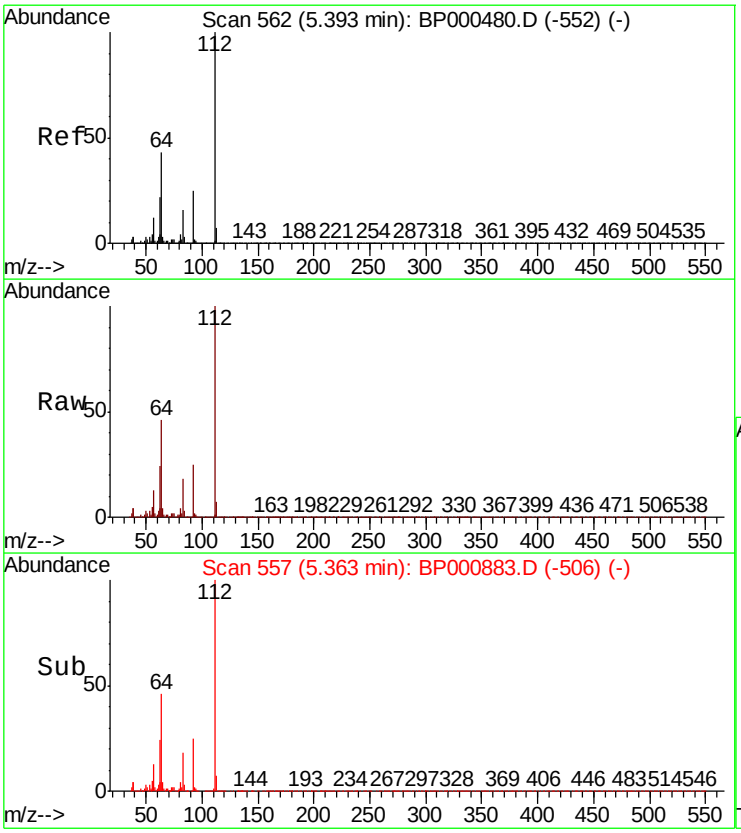
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Instrument :
BNA_P
ClientSampleId :
T-15-E1-(0-20)

Tgt Ion:152 Resp: 157675

Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.8	185.8
115	59.6	46.8	70.2

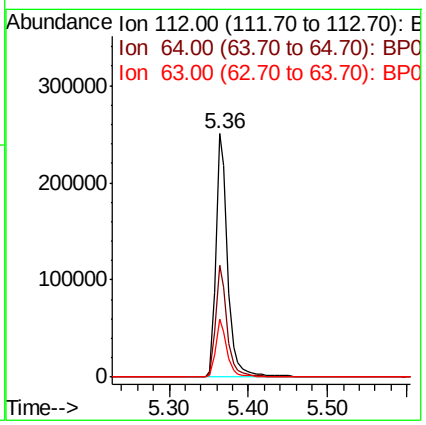


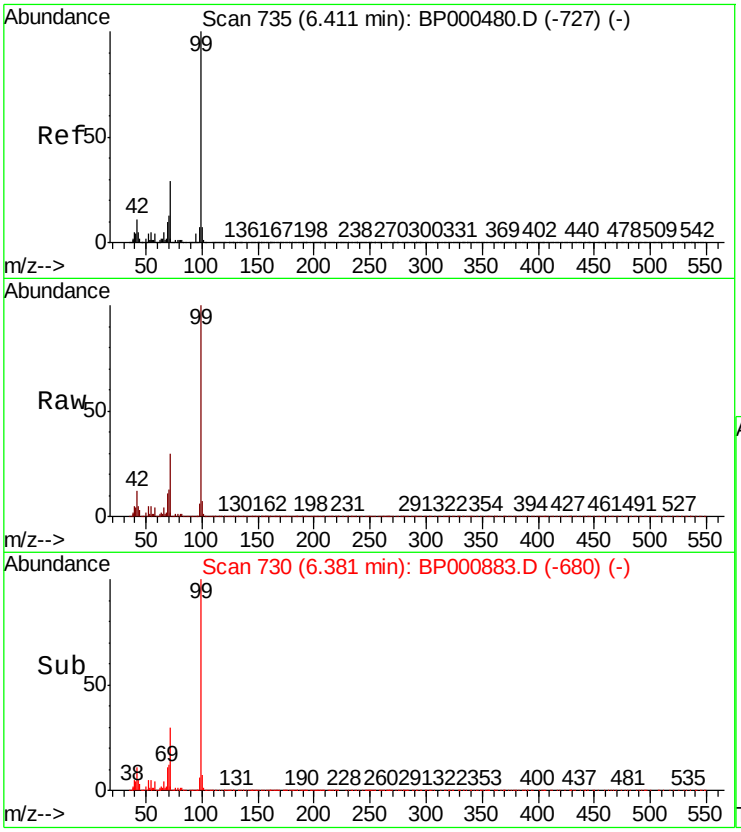


#5
2-Fluorophenol
Concen: 26.418 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.00 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Tgt Ion:112 Resp: 259137

Ion	Ratio	Lower	Upper
112	100		
64	45.7	33.9	50.9
63	24.0	17.4	26.0



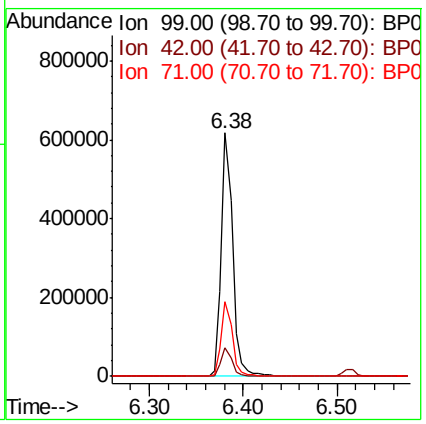


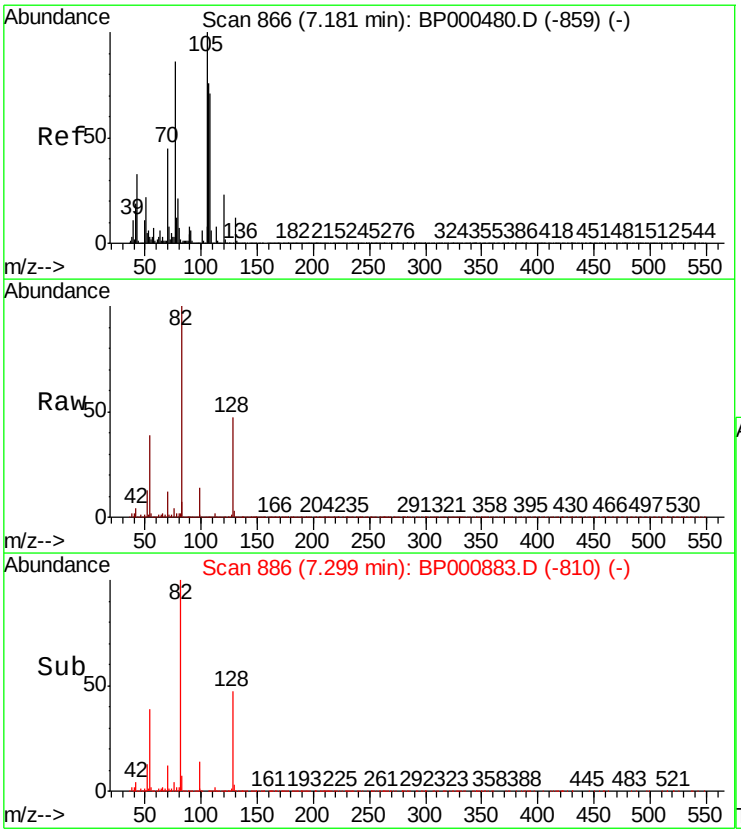
#7
Phenol-d6
Concen: 44.264 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Instrument :
BNA_P
ClientSampleId :
T-15-E1-(0-20)

Tgt Ion: 99 Resp: 523216

Ion	Ratio	Lower	Upper
99	100		
42	11.5	8.7	13.1
71	30.5	24.1	36.1

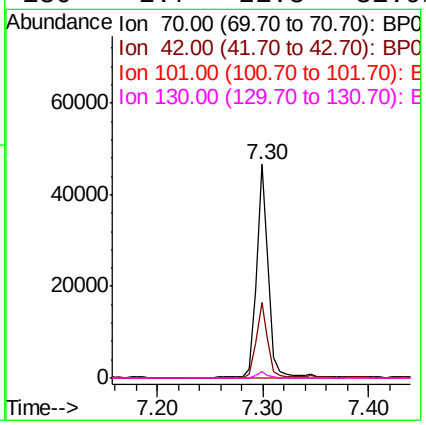


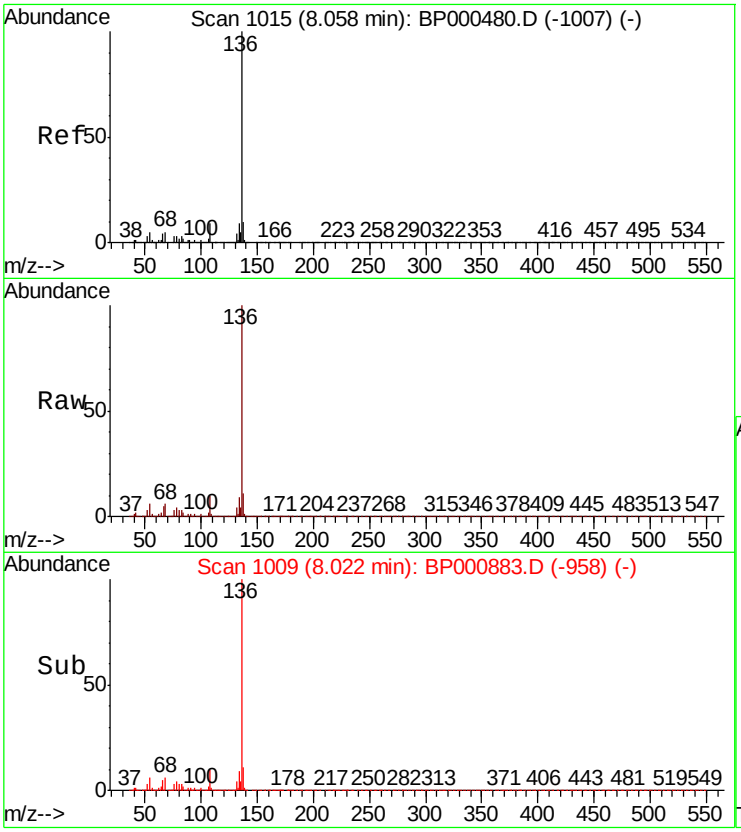


#19
n-Nitroso-di-n-propylamine
Concen: 6.854 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.15 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Tgt Ion: 70 Resp: 37341

Ion	Ratio	Lower	Upper
70	100		
42	35.4	34.0	51.0
101	0.0	9.5	14.3#
130	2.7	21.3	31.9#



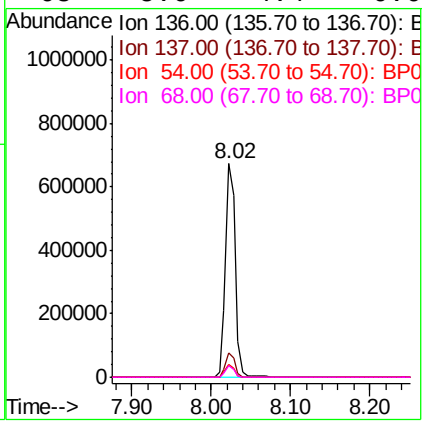


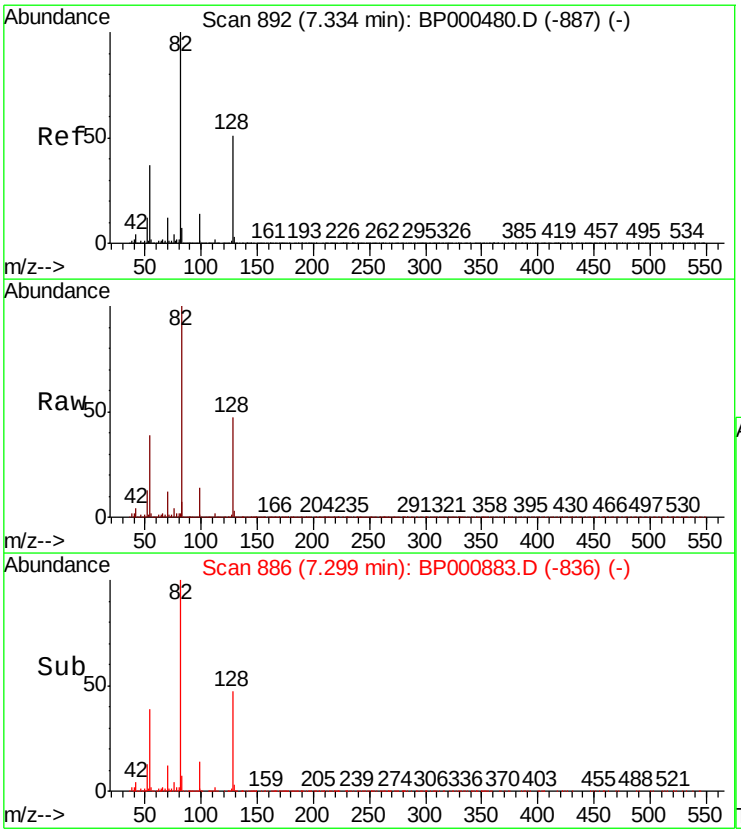
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Instrument :
BNA_P
ClientSampleId :
T-15-E1-(0-20)

Tgt Ion:136 Resp: 575902

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.9	4.6	6.8
68	5.6	4.4	6.6

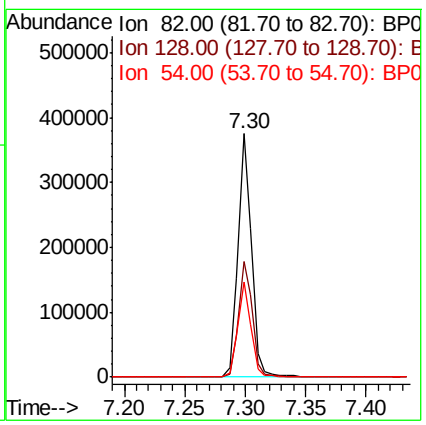


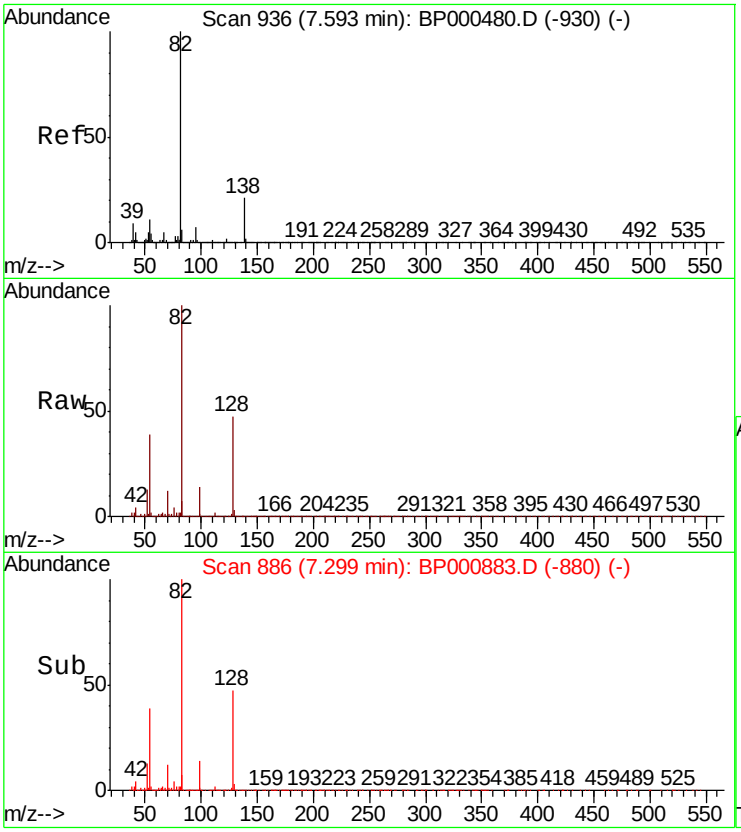


#23
Nitrobenzene-d5
Concen: 31.342 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Tgt Ion: 82 Resp: 295537

Ion	Ratio	Lower	Upper
82	100		
128	47.3	41.2	61.8
54	39.1	30.6	45.8



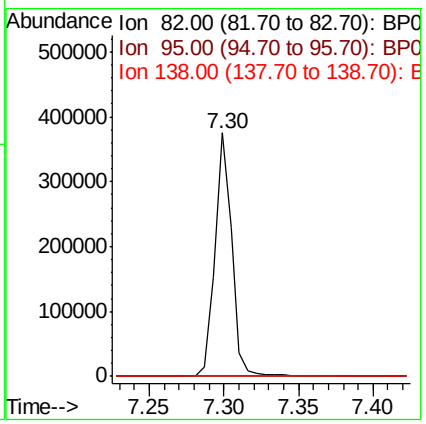


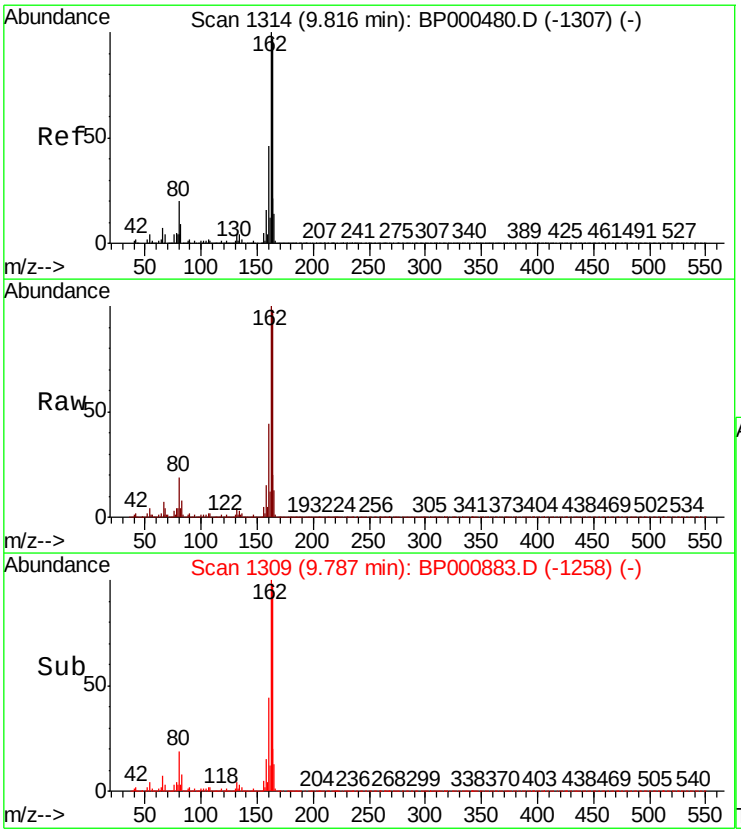
#25
Isophorone
Concen: 17.626 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Instrument :
BNA_P
ClientSampleId :
T-15-E1-(0-20)

Tgt Ion: 82 Resp: 294974

Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.2	9.4#
138	0.0	17.0	25.4#

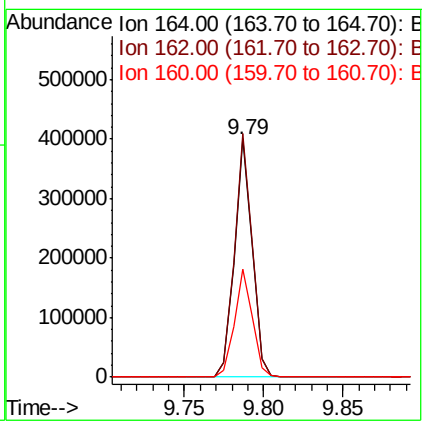


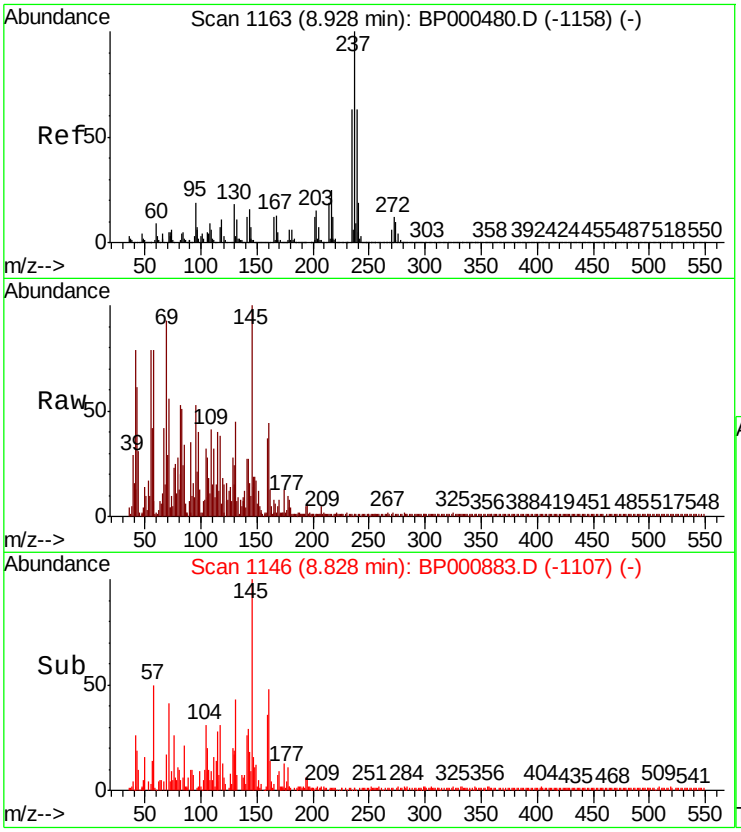


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Tgt Ion:164 Resp: 310880

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	121.0
160	45.3	35.4	53.2



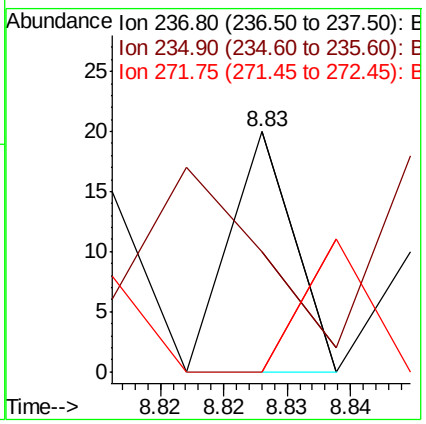


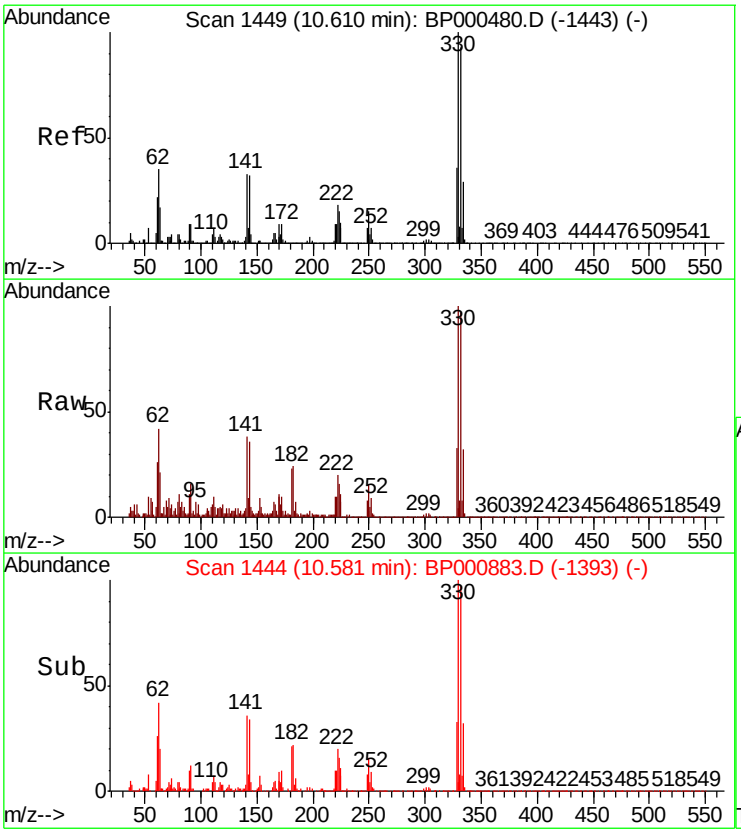
#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.07 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Instrument :
BNA_P
ClientSampleId :
T-15-E1-(0-20)

Tgt Ion:237 Resp: 7

Ion	Ratio	Lower	Upper
237	100		
235	50.0	42.3	82.3
272	0.0	0.0	33.6

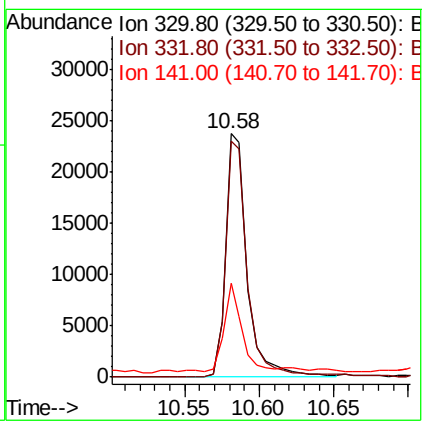


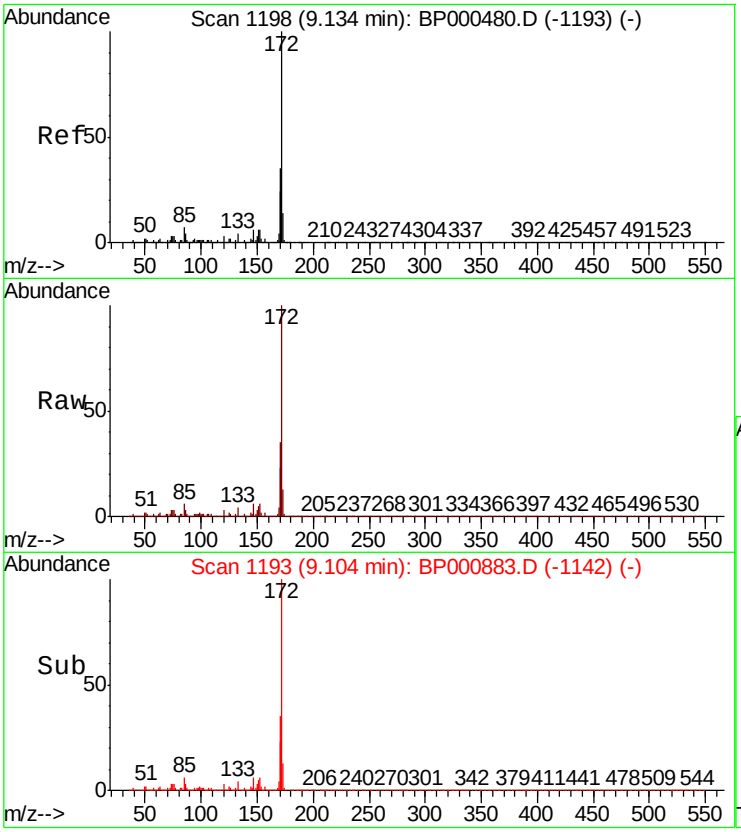


#42
2,4,6-Tribromophenol
Concen: 7.353 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Tgt Ion:330 Resp: 24358

Ion	Ratio	Lower	Upper
330	100		
332	99.0	78.2	117.4
141	30.4	23.7	35.5



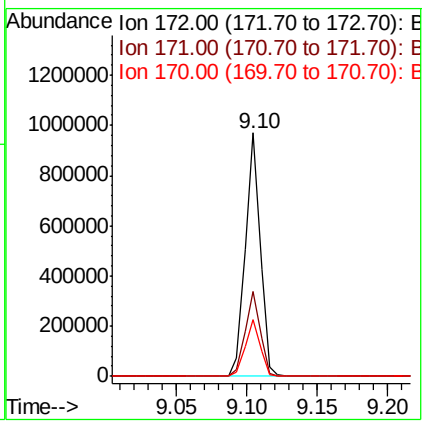


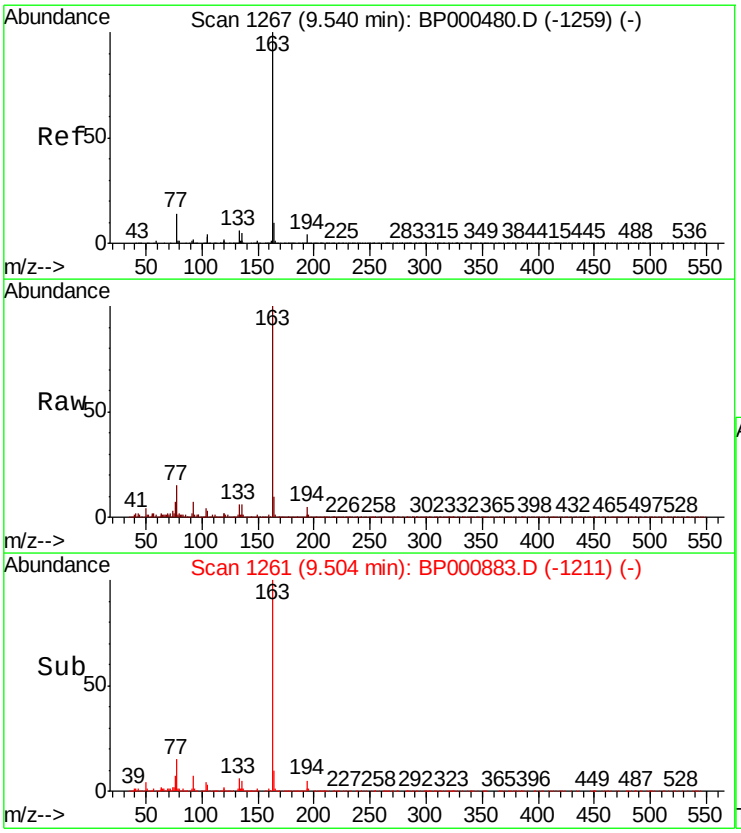
#45
2-Fluorobiphenyl
Concen: 37.295 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Instrument :
BNA_P
ClientSampleId :
T-15-E1-(0-20)

Tgt Ion:172 Resp: 716581

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.4
170	23.3	19.3	28.9

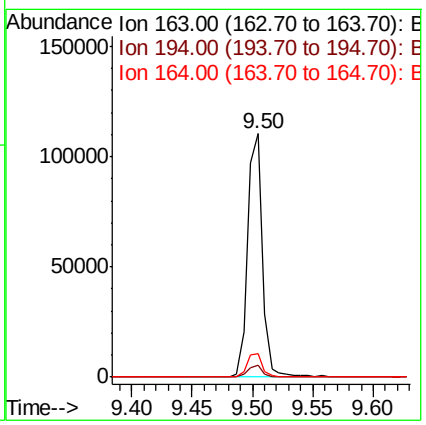


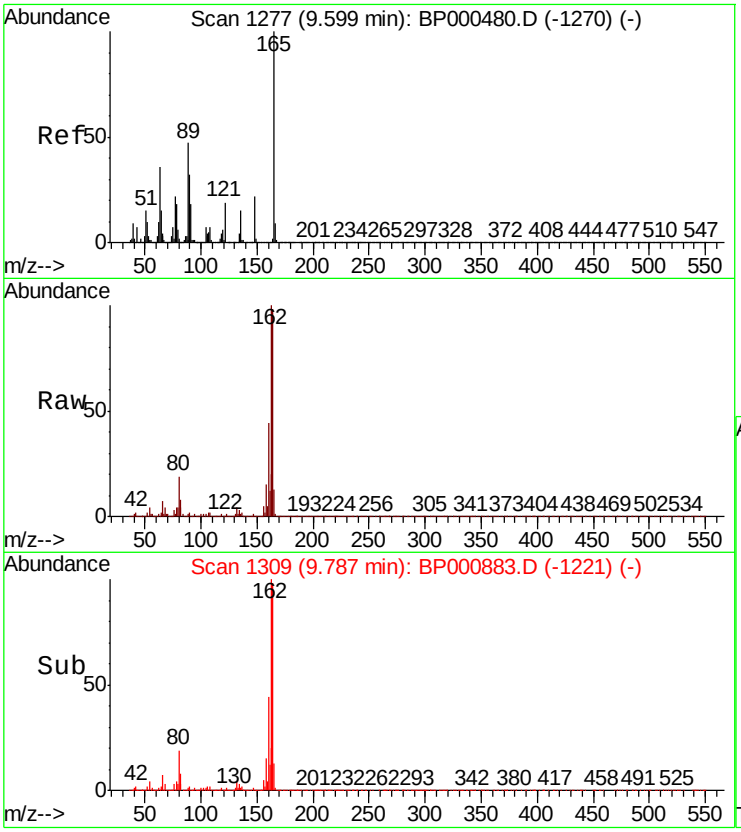


#50
Dimethylphthalate
Concen: 4.354 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Tgt Ion:163 Resp: 94047

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	9.8	8.3	12.5



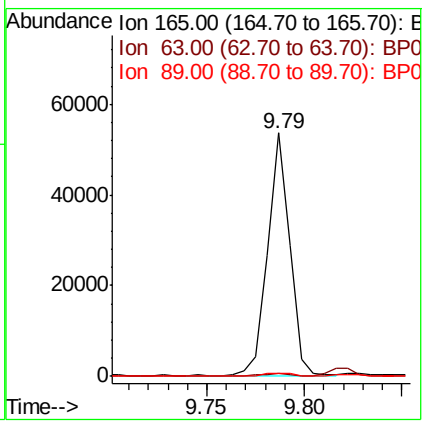


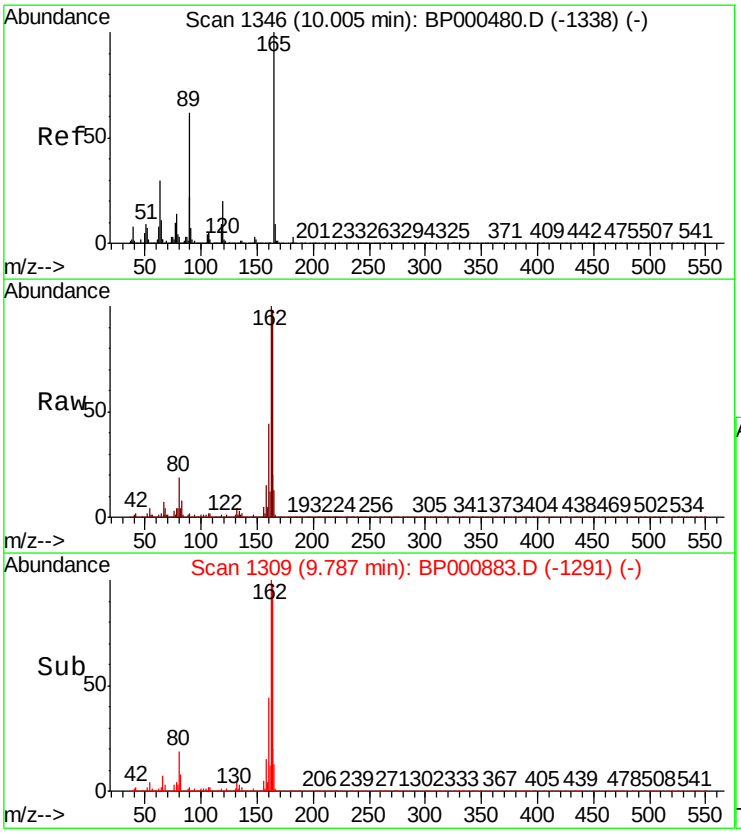
#51
2,6-Dinitrotoluene
Concen: 8.886 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.22 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Instrument :
BNA_P
ClientSampleId :
T-15-E1-(0-20)

Tgt Ion:165 Resp: 41858

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.6	50.4#
89	1.1	40.8	61.2#

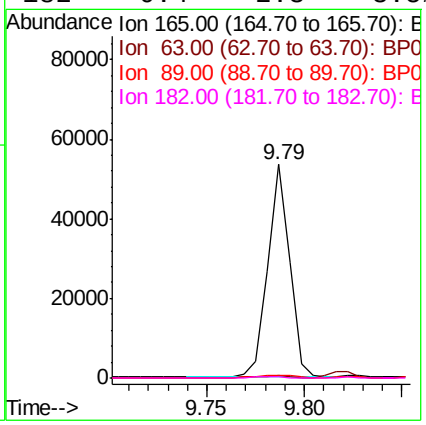


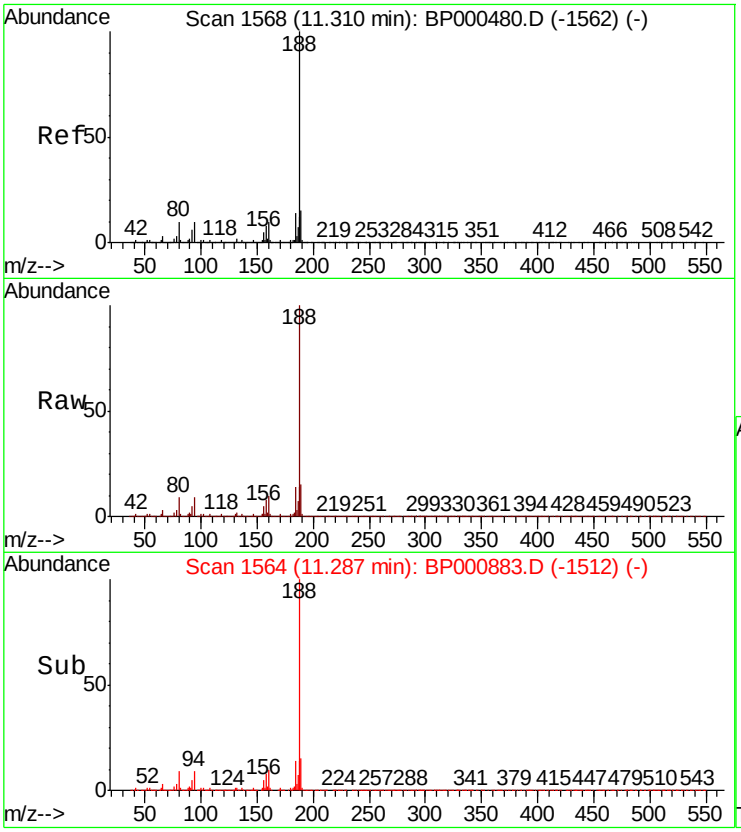


#57
2,4-Dinitrotoluene
Concen: 6.702 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.19 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Tgt Ion:165 Resp: 41858

Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.2#
89	1.1	49.2	73.8#
182	0.4	2.3	3.5#



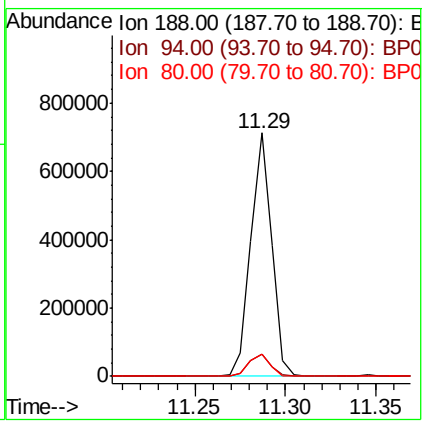


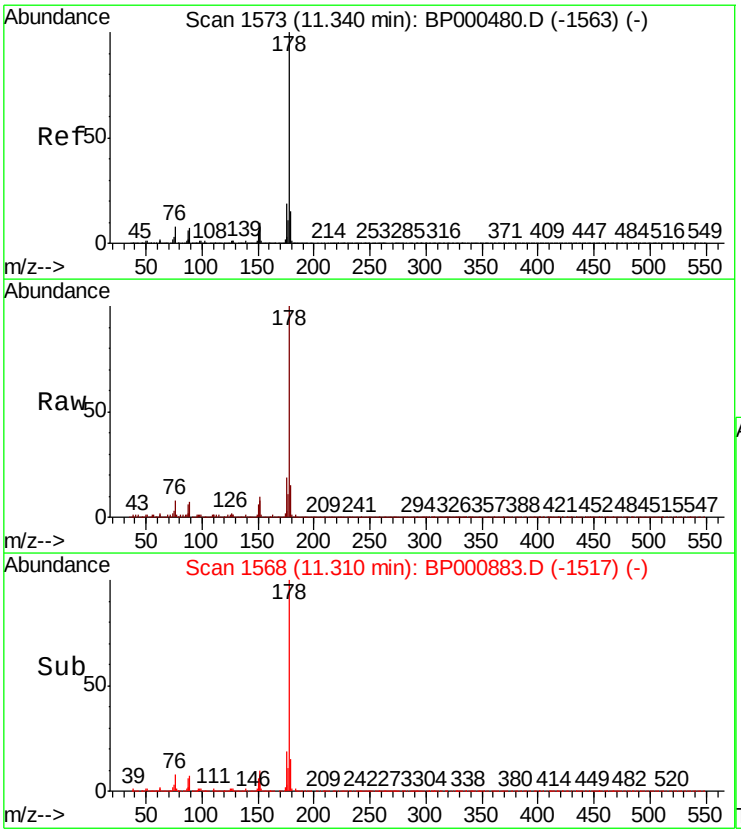
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Instrument :
BNA_P
ClientSampleId :
T-15-E1-(0-20)

Tgt Ion:188 Resp: 569186

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.0	12.0
80	9.2	8.2	12.4

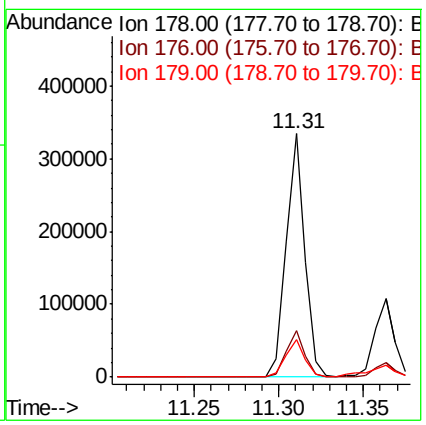


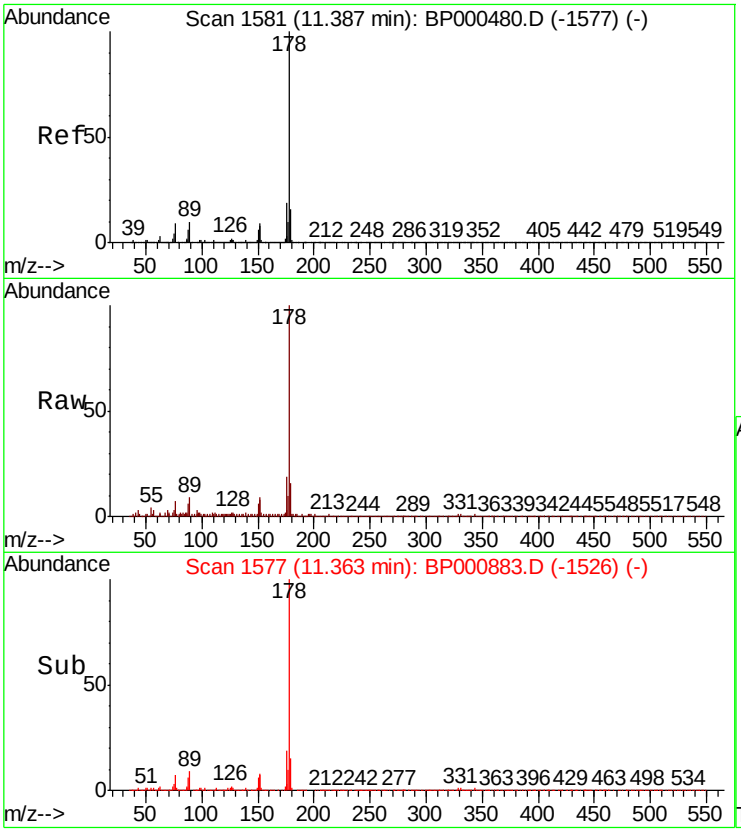


#71
Phenanthrene
Concen: 8.978 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Tgt Ion:178 Resp: 256652

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	15.3	12.5	18.7



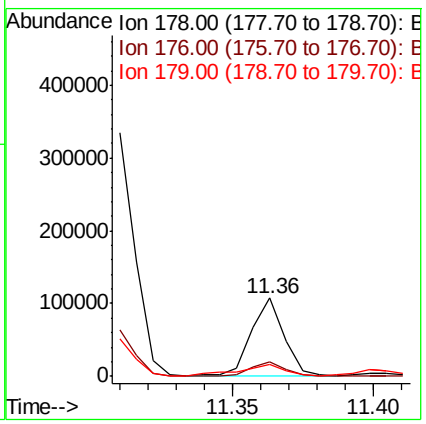


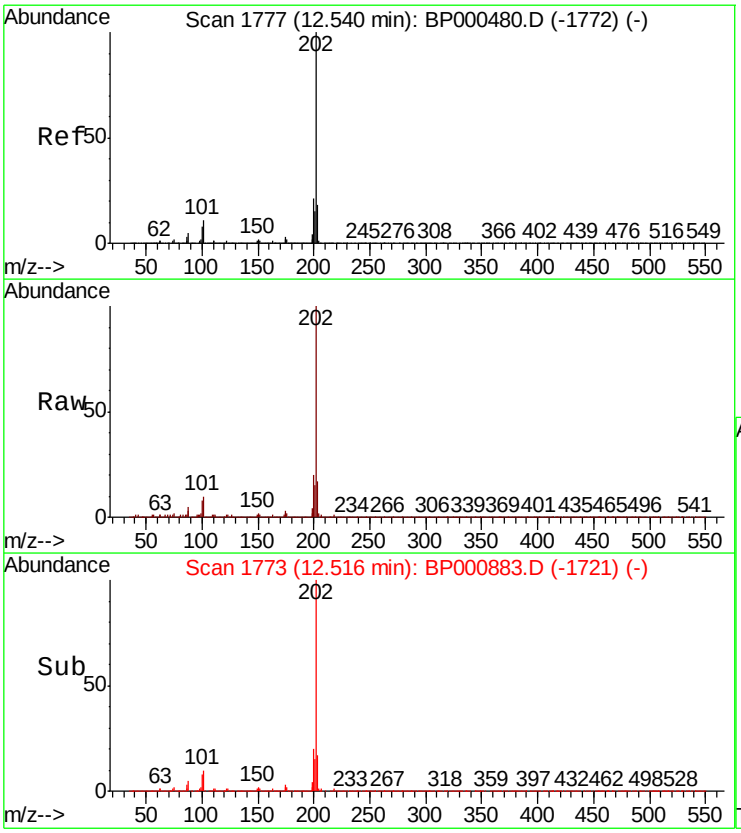
#72
Anthracene
Concen: 2.973 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Instrument :
BNA_P
ClientSampleId :
T-15-E1-(0-20)

Tgt Ion:178 Resp: 84277

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.9	12.3	18.5

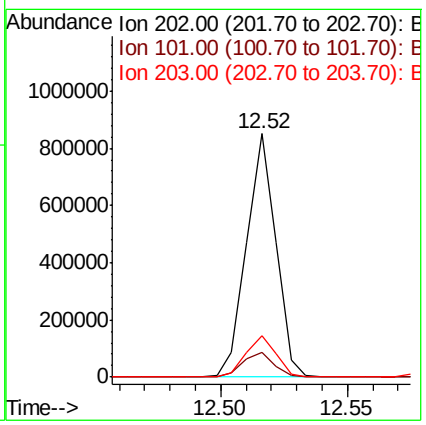


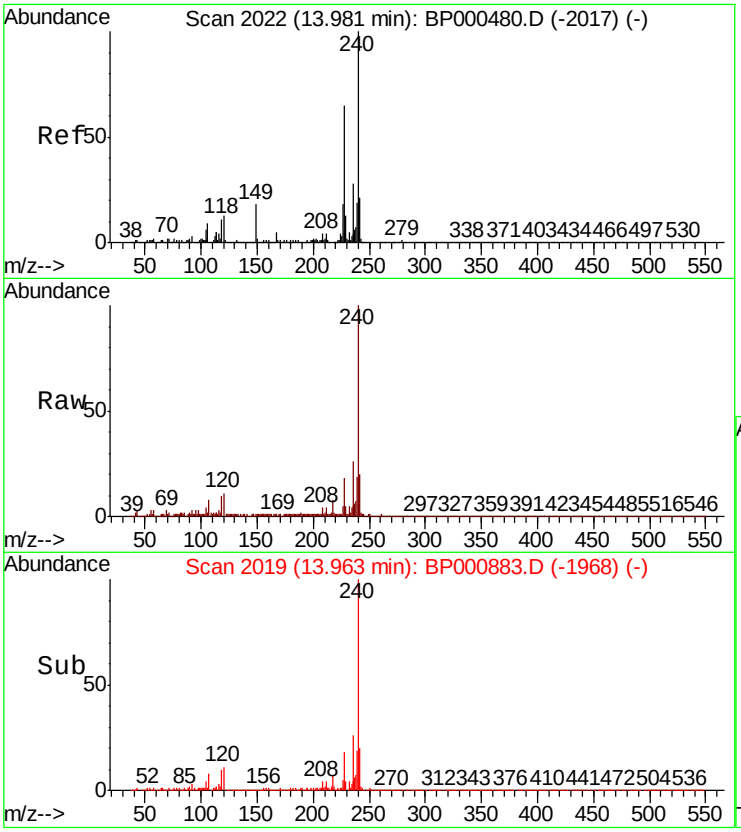


#75
Fluoranthene
Concen: 21.418 ng
RT: 12.52 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Tgt Ion:202 Resp: 687640

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.6
203	17.2	0.0	38.0



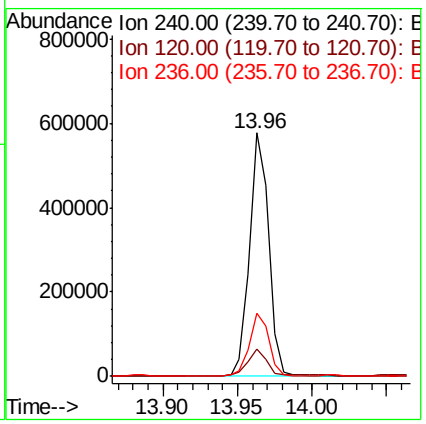


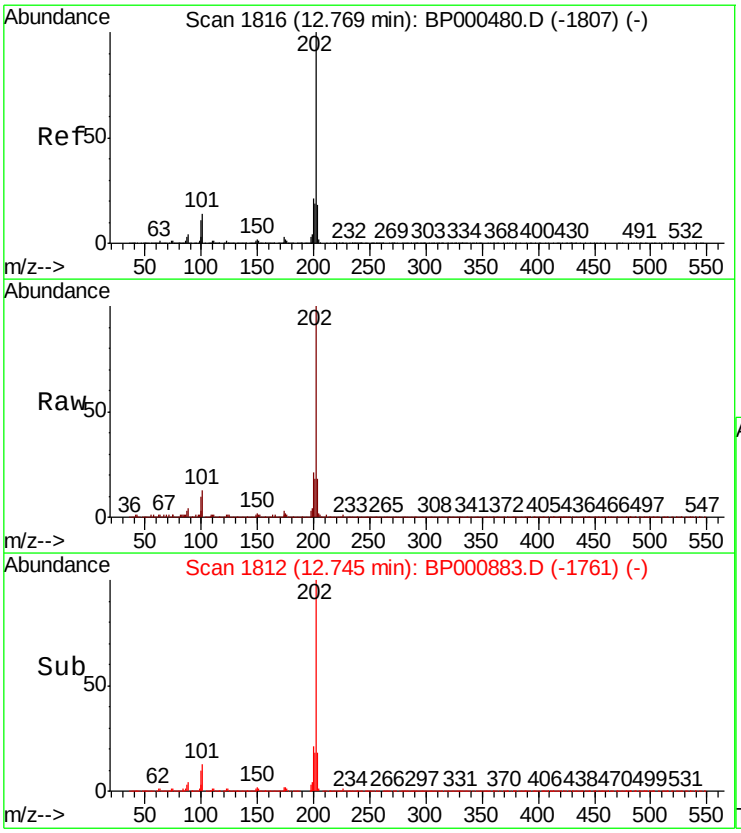
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Instrument :
BNA_P
ClientSampleId :
T-15-E1-(0-20)

Tgt Ion:240 Resp: 503502

Ion	Ratio	Lower	Upper
240	100		
120	11.1	7.3	10.9#
236	26.0	21.2	31.8

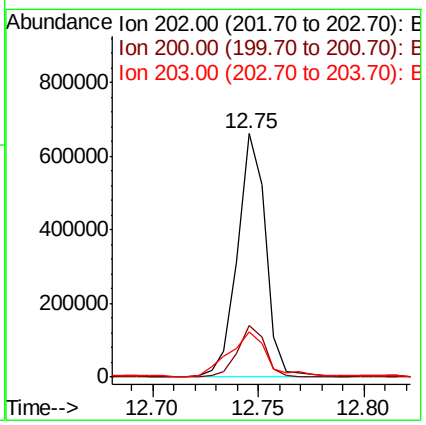


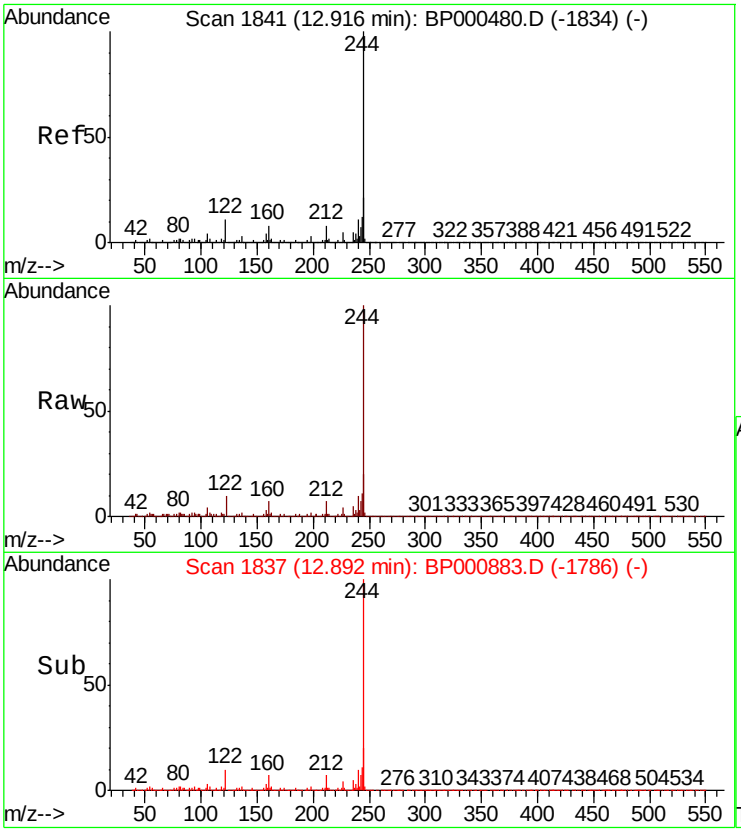


#78
Pyrene
Concen: 17.437 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Tgt Ion:202 Resp: 605521

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.0
203	18.5	14.1	21.1



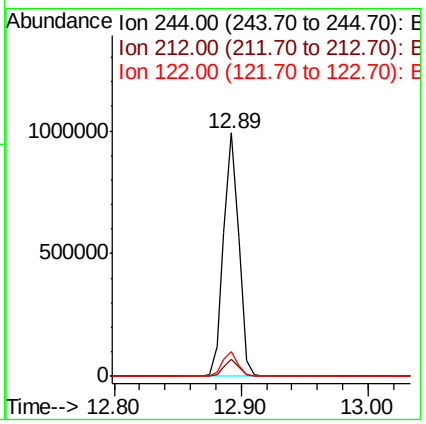


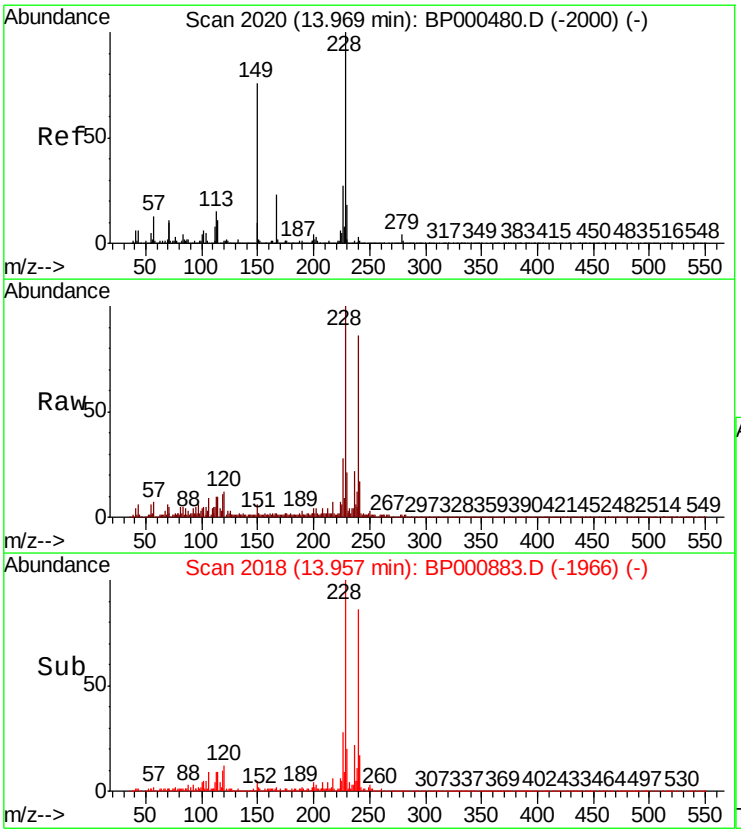
#79
Terphenyl-d14
Concen: 33.442 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Instrument :
BNA_P
ClientSampleId :
T-15-E1-(0-20)

Tgt Ion:244 Resp: 831612

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	10.0	7.1	10.7

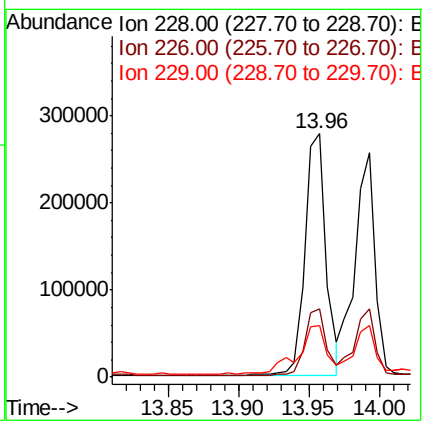


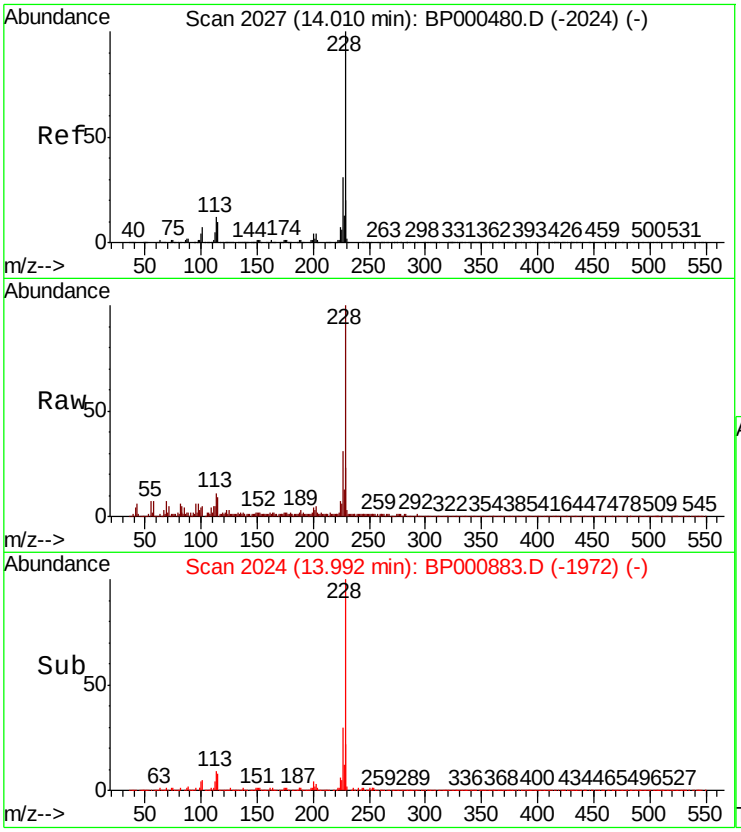


#81
Benzo(a)anthracene
Concen: 9.406 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Tgt Ion:228 Resp: 288974

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.8	32.8
229	21.1	15.7	23.5



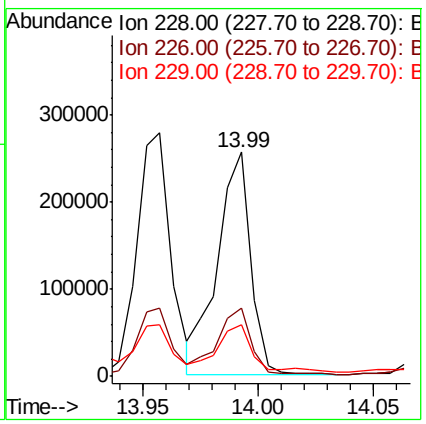


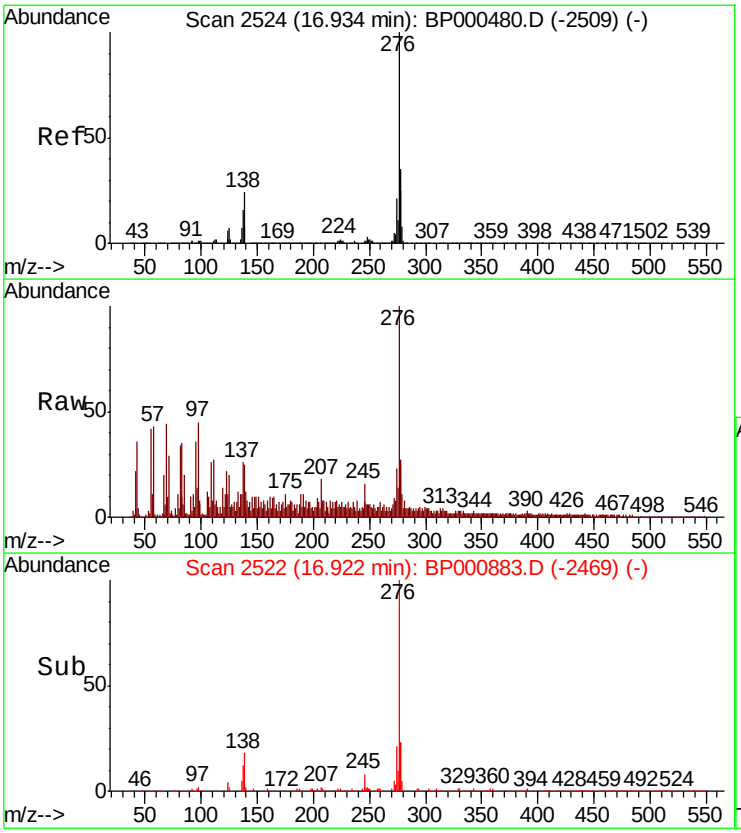
#83
Chrysene
Concen: 8.518 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Instrument :
BNA_P
ClientSampleId :
T-15-E1-(0-20)

Tgt Ion:228 Resp: 256825

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	23.3	16.2	24.2

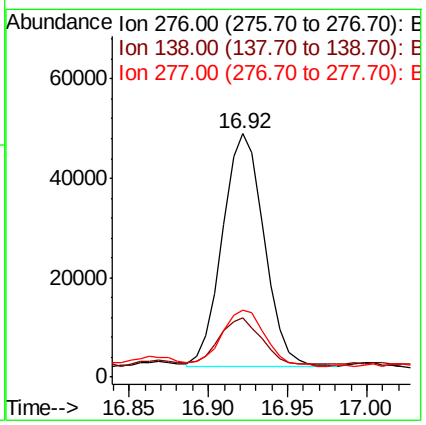


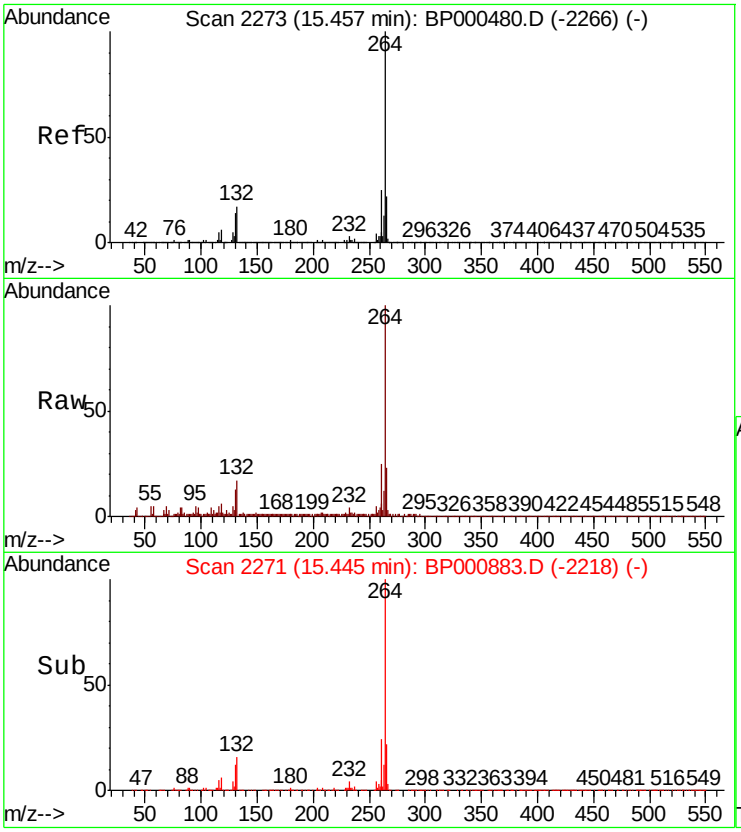


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.261 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Tgt Ion:276 Resp: 85147

Ion	Ratio	Lower	Upper
276	100		
138	20.3	19.1	28.7
277	25.0	20.4	30.6



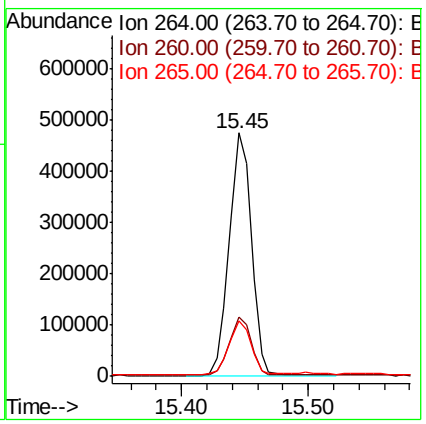


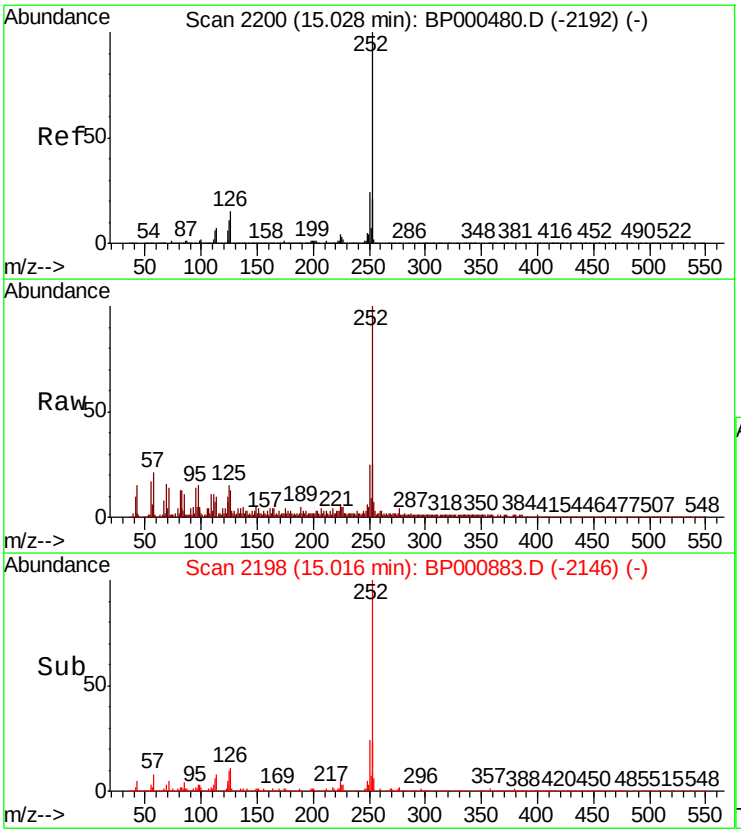
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Instrument :
BNA_P
ClientSampleId :
T-15-E1-(0-20)

Tgt Ion:264 Resp: 569963

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	22.7	17.4	26.0

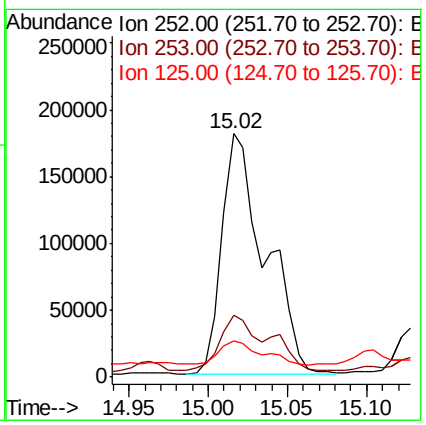


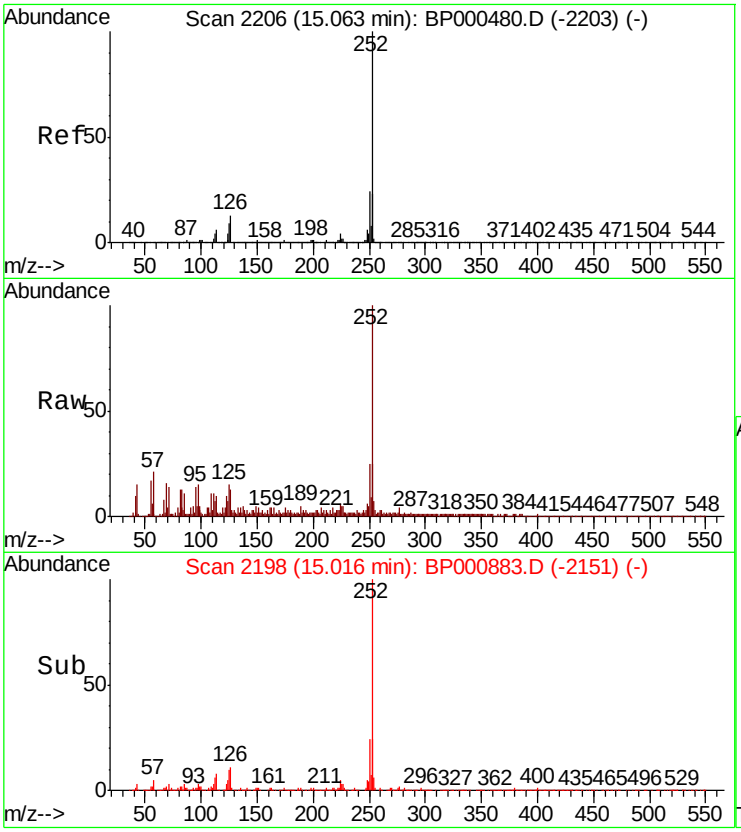


#88
Benzo(b)fluoranthene
Concen: 10.610 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Tgt Ion:252 Resp: 343087

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.2
125	14.8	7.4	11.2#



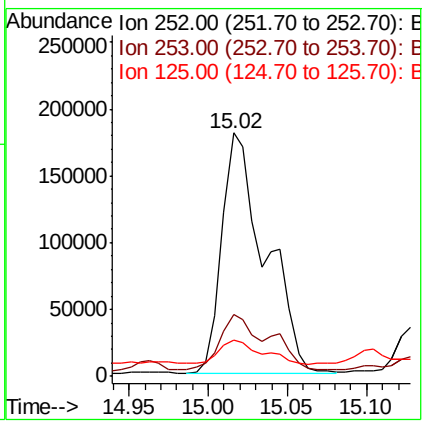


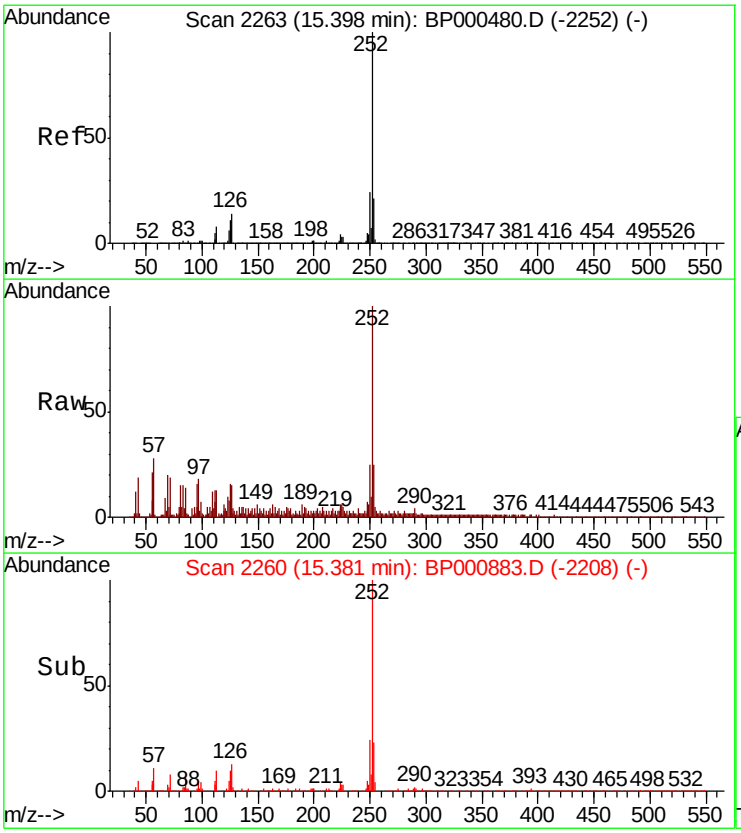
#89
Benzo(k)fluoranthene
Concen: 11.145 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Instrument :
BNA_P
ClientSampleId :
T-15-E1-(0-20)

Tgt Ion:252 Resp: 343087

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.6	26.4
125	14.8	7.1	10.7#

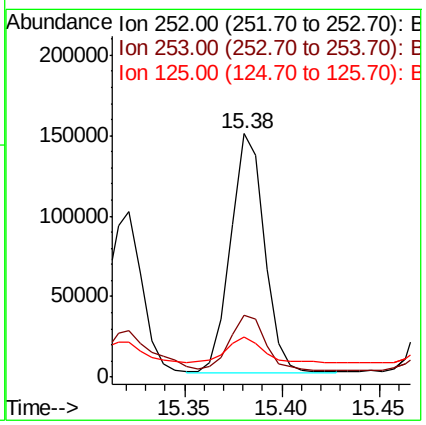


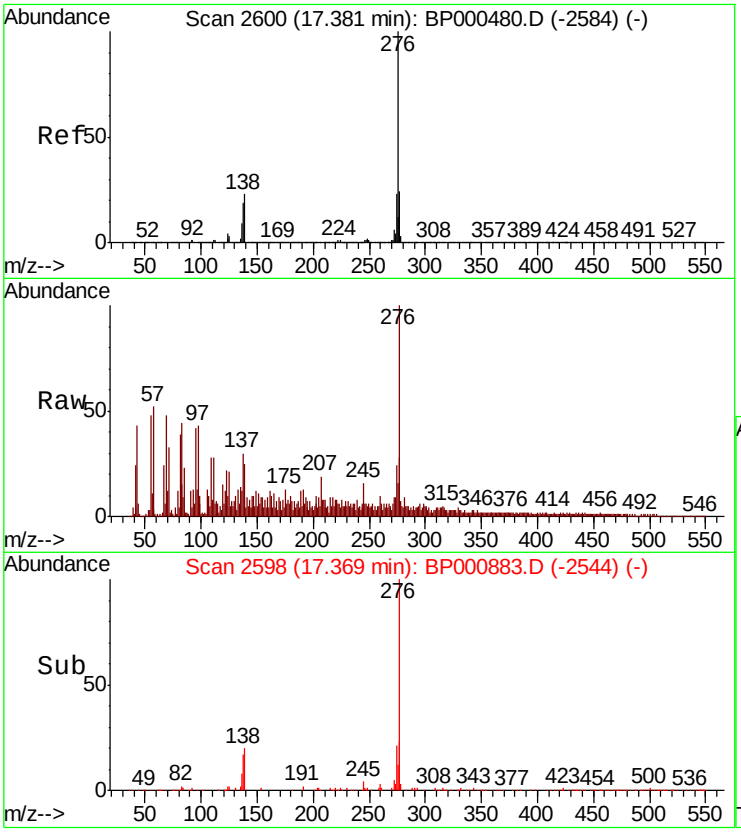


#90
Benzo(a)pyrene
Concen: 5.937 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Tgt Ion:252 Resp: 178950

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.3	25.9
125	16.4	8.2	12.2#





#92
Benzo(g,h,i)perylene
Concen: 2.720 ng
RT: 17.37 min Scan# 2598
Delta R.T. 0.02 min
Lab File: BP000883.D
Acq: 18 Oct 2019 18:14

Instrument :
BNA_P
ClientSampleId :
T-15-E1-(0-20)

Tgt Ion:276 Resp: 80810

Ion	Ratio	Lower	Upper
276	100		
277	28.4	18.6	28.0#
138	25.0	16.6	24.8#