Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000685.D
Acq On : 12 Oct 2019 22:23
Operator : JU
Sample : K5266-14RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Oct 14 04:38:18 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	255775	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	909922	20.00	ng		-0.02
39) Acenaphthene-d10	9.79	164	511252	20.00	ng		-0.02
64) Phenanthrene-d10	11.29	188	935337	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	798958	20.00	ng		-0.01
87) Perylene-d12	15.45	264	882801	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	561292	35.27	ng		-0.02
7) Phenol-d6	6.39	99	875828	45.68	ng		-0.02
23) Nitrobenzene-d5	7.31	82	1377594	92.47	ng		-0.02
42) 2,4,6-Tribromophenol	10.59	330	178468	32.76	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	2586484	81.86	ng		-0.02
79) Terphenyl-d14	12.90	244	3039522	77.03	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.40	94	76097	3.876	ng		92
19) n-Nitroso-di-n-propylamine	7.31	70	170700	19.314	ng	#	73
25) Isophorone	7.31	82	1376615	52.063	ng	#	61
41) Hexachlorocyclopentadiene	8.81	237	29	7.301	ng		88
50) Dimethylphthalate	9.51	163	470822	13.254	ng		100
57) 2,4-Dinitrotoluene	9.79	165	66753	6.499	ng	#	32
71) Phenanthrene	11.32	178	110572	2.354	ng		99
75) Fluoranthene	12.52	202	154385	2.926	ng		99
78) Pyrene	12.75	202	147704	2.680	ng		99
88) Benzo(b)fluoranthene	15.02	252	134621	2.688	ng	#	94
89) Benzo(k)fluoranthene	15.02	252	134621	2.823	ng	#	96

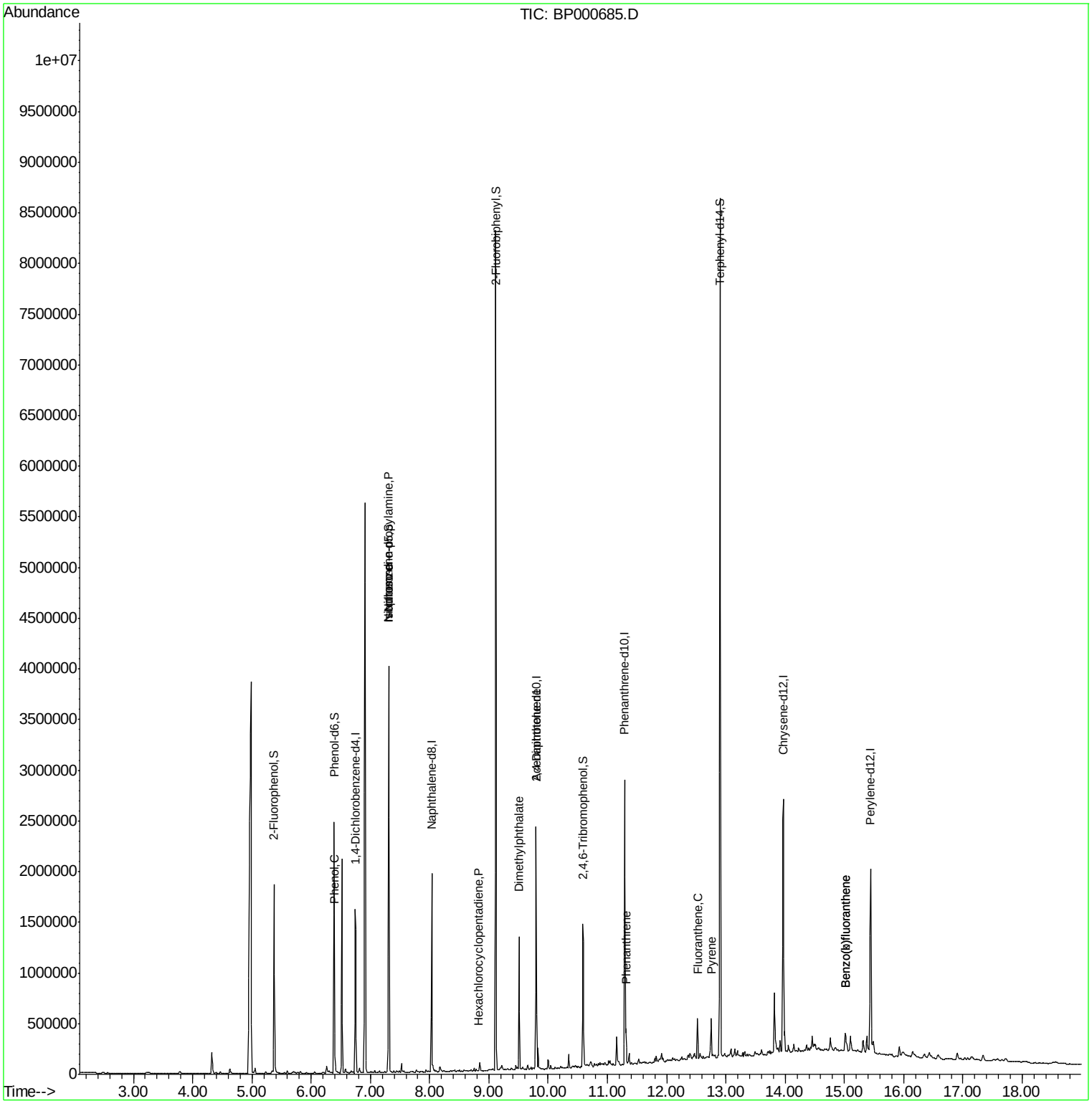
(#) = qualifier out of range (m) = manual integration (+) = signals summed

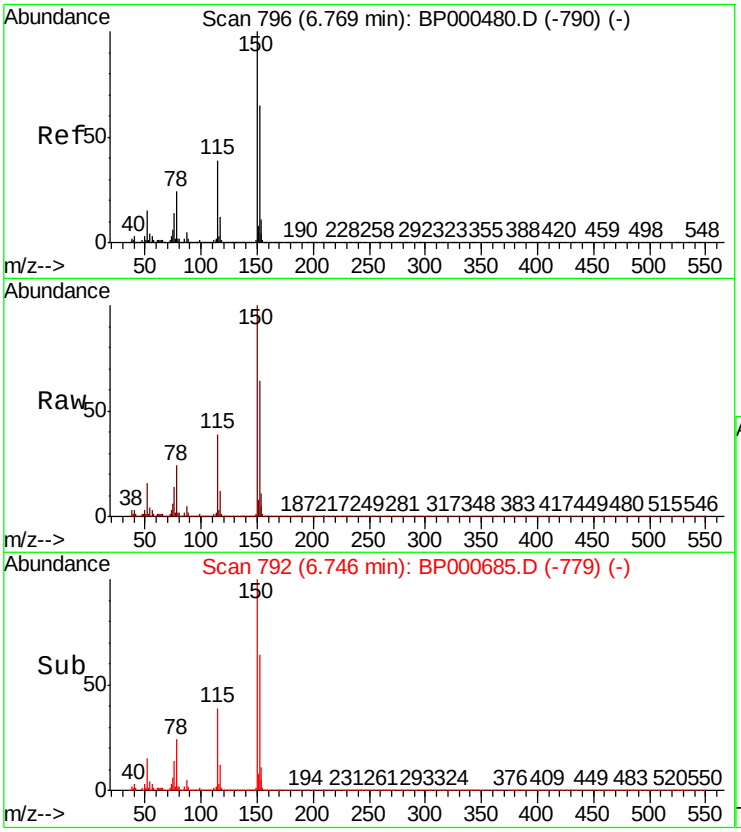
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000685.D
Acq On : 12 Oct 2019 22:23
Operator : JU
Sample : K5266-14RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Oct 14 04:38:18 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



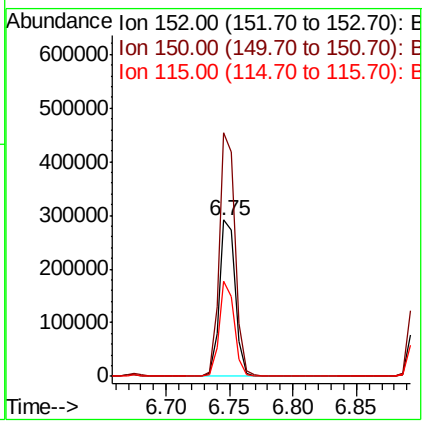


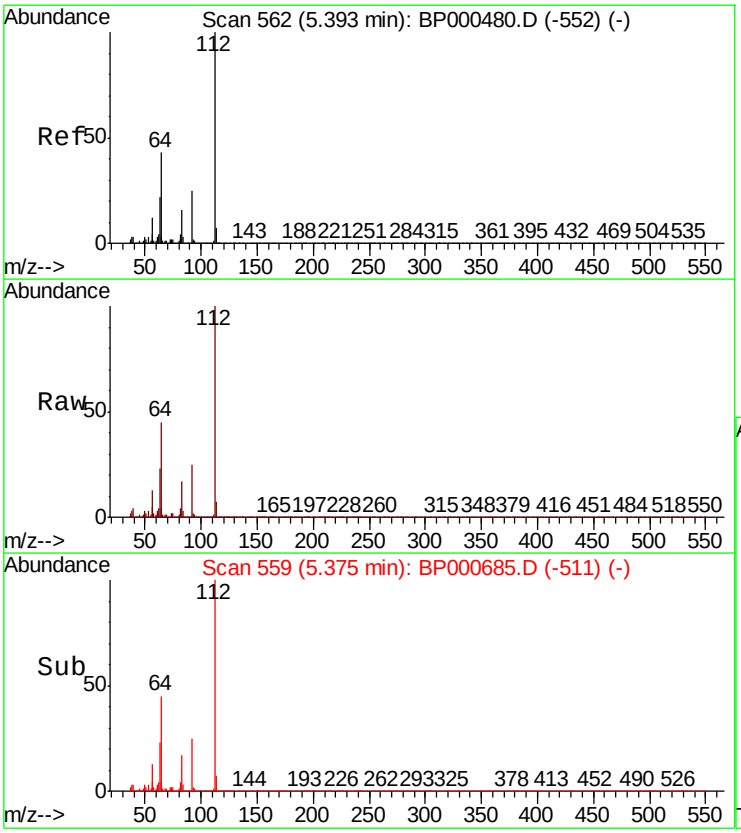
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 255775

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.1	186.1
115	60.6	48.7	73.1

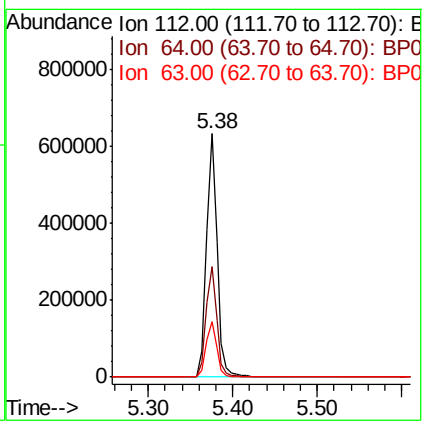


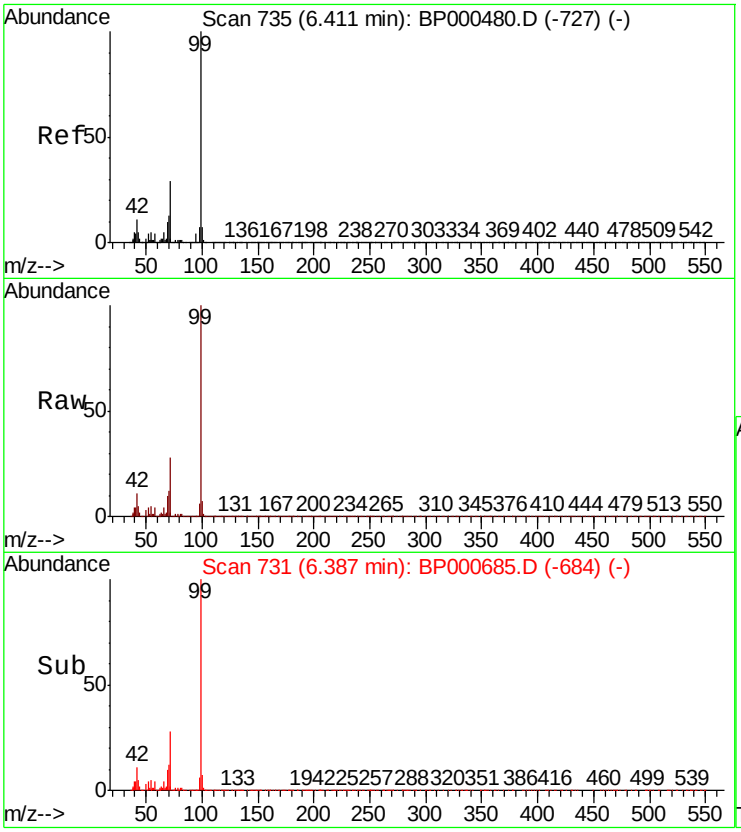


#5
2-Fluorophenol
Concen: 35.275 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Tgt Ion:112 Resp: 561292

Ion	Ratio	Lower	Upper
112	100		
64	45.4	34.2	51.4
63	23.0	17.9	26.9



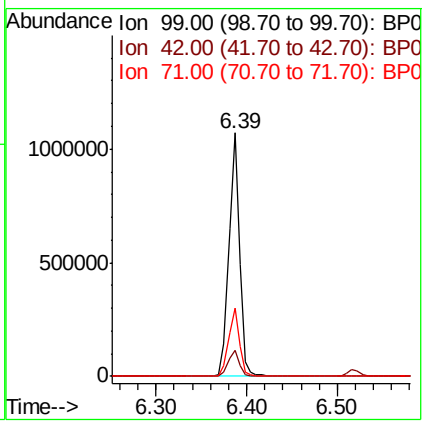


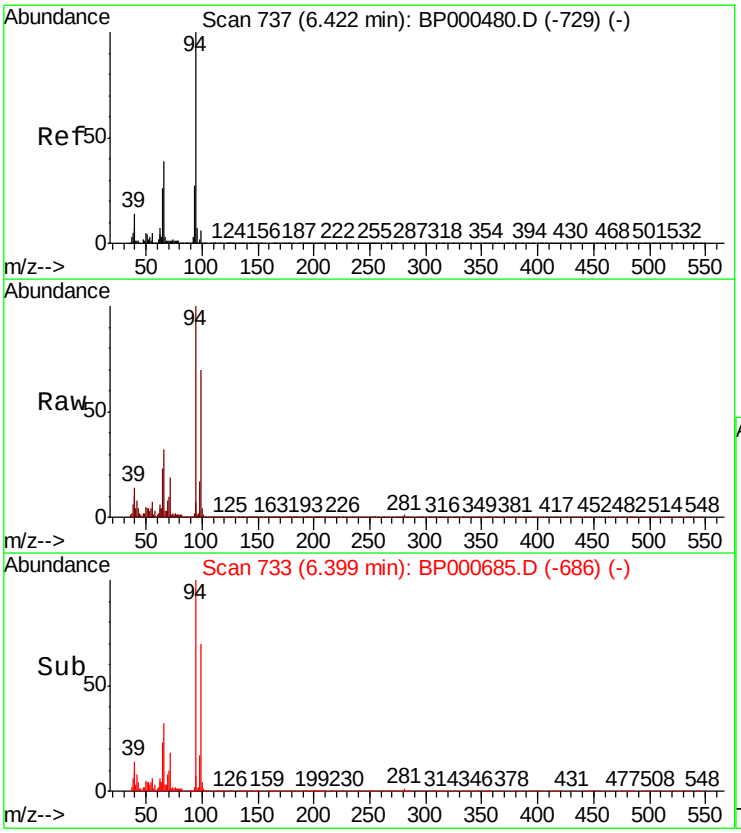
#7
Phenol-d6
Concen: 45.677 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 875828

Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.6	12.8
71	27.9	23.0	34.4

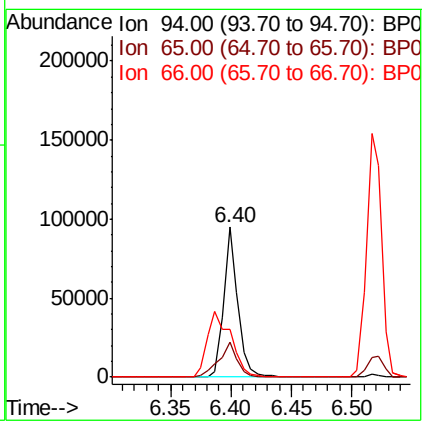


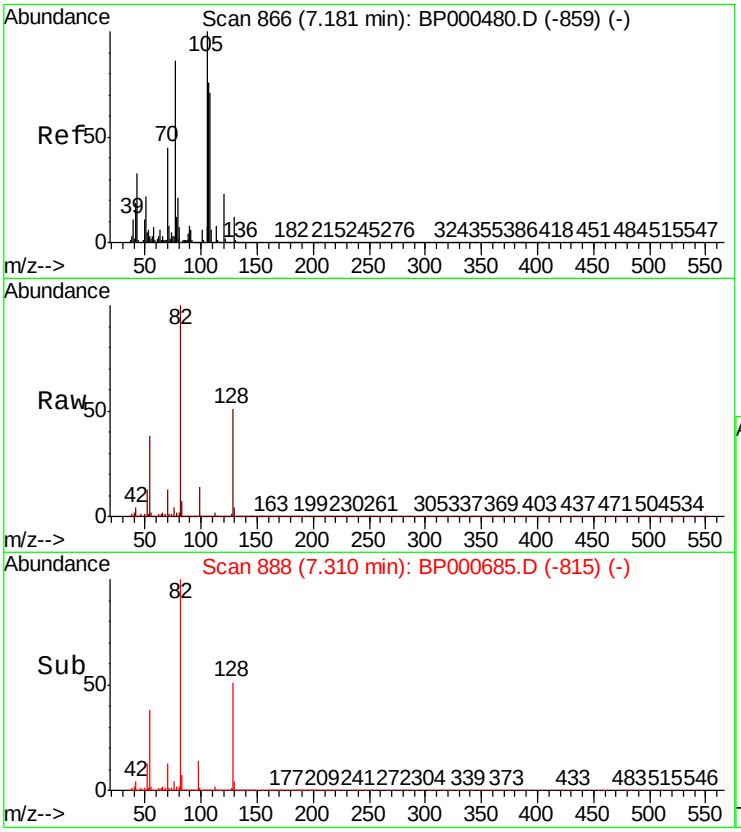


#10
Phenol
Concen: 3.876 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Tgt Ion: 94 Resp: 76097

Ion	Ratio	Lower	Upper
94	100		
65	23.4	5.9	45.9
66	32.2	18.8	58.8



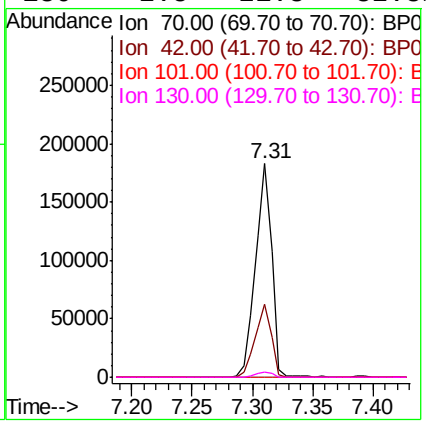


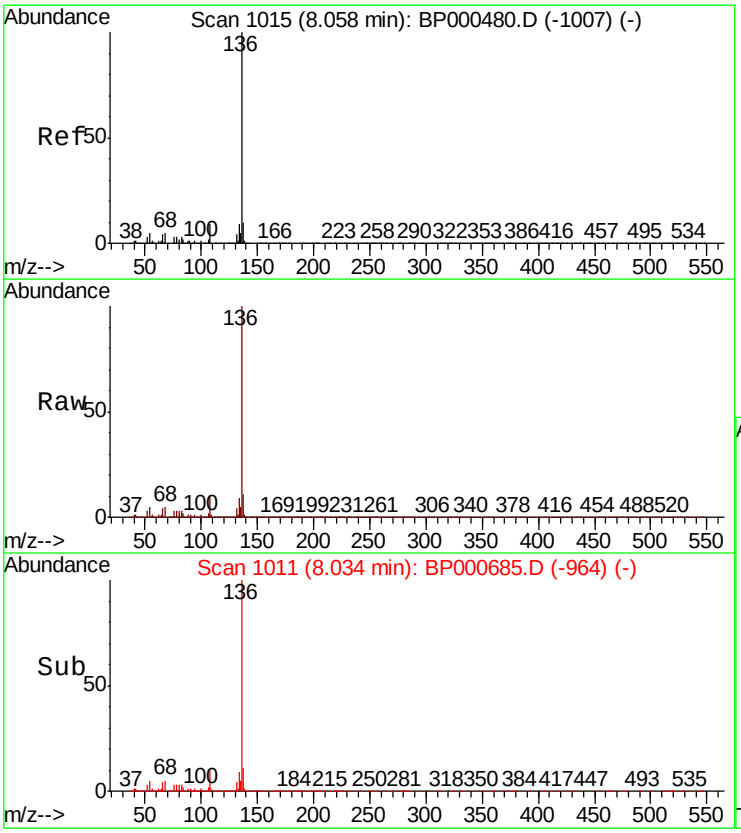
#19
n-Nitroso-di-n-propylamine
Concen: 19.314 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 170700

Ion	Ratio	Lower	Upper
70	100		
42	34.1	33.2	49.8
101	0.1	9.9	14.9#
130	2.5	21.8	32.8#

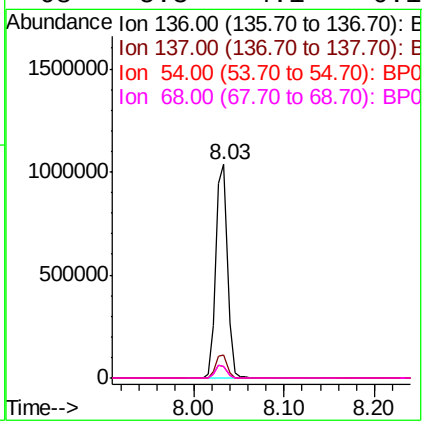


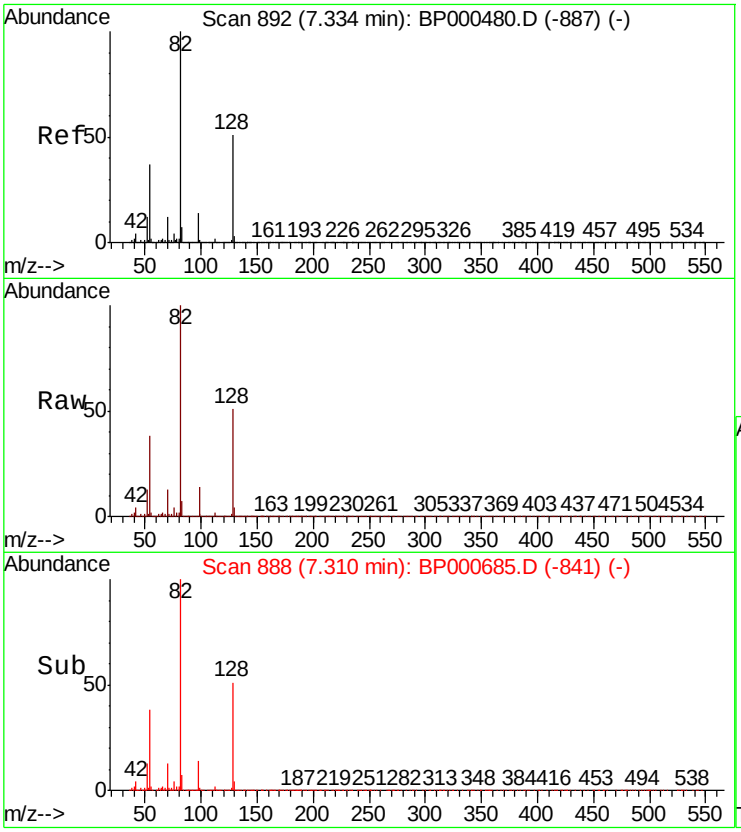


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Tgt Ion:136 Resp: 909922

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	5.3	4.1	6.1
68	5.3	4.1	6.1



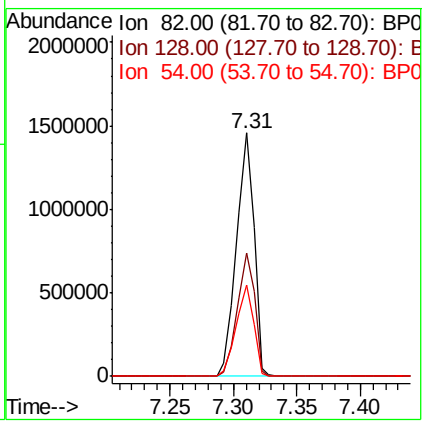


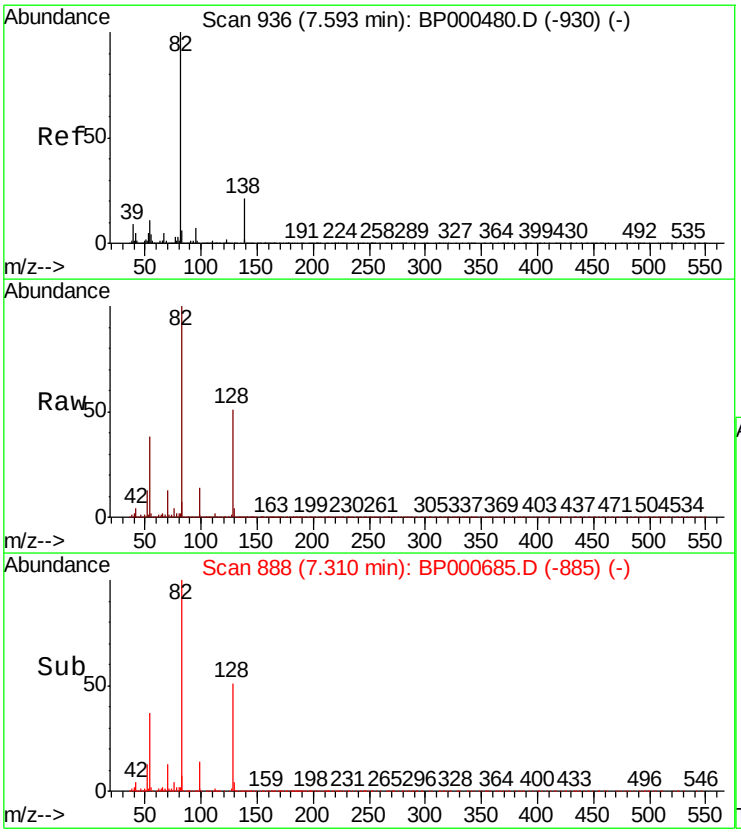
#23
Nitrobenzene-d5
Concen: 92.466 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1377594

Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.9	61.3
54	37.7	29.4	44.2

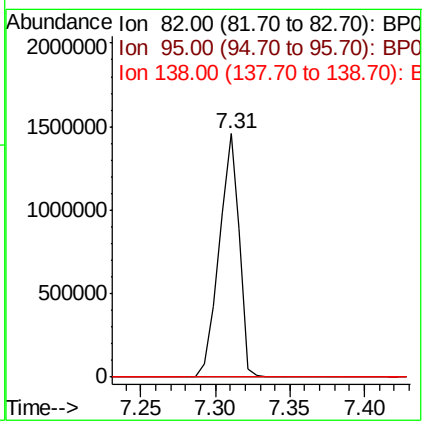


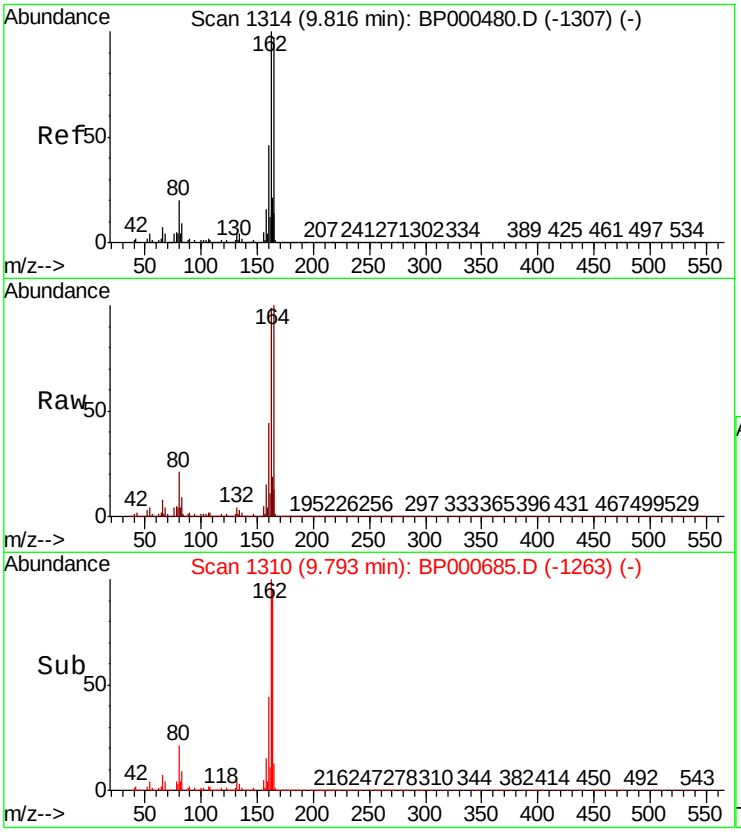


#25
Isophorone
Concen: 52.063 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Tgt Ion: 82 Resp: 1376615

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



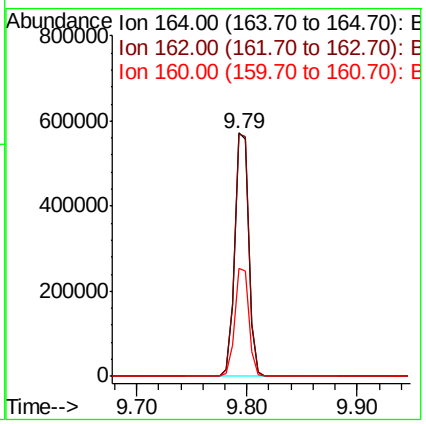


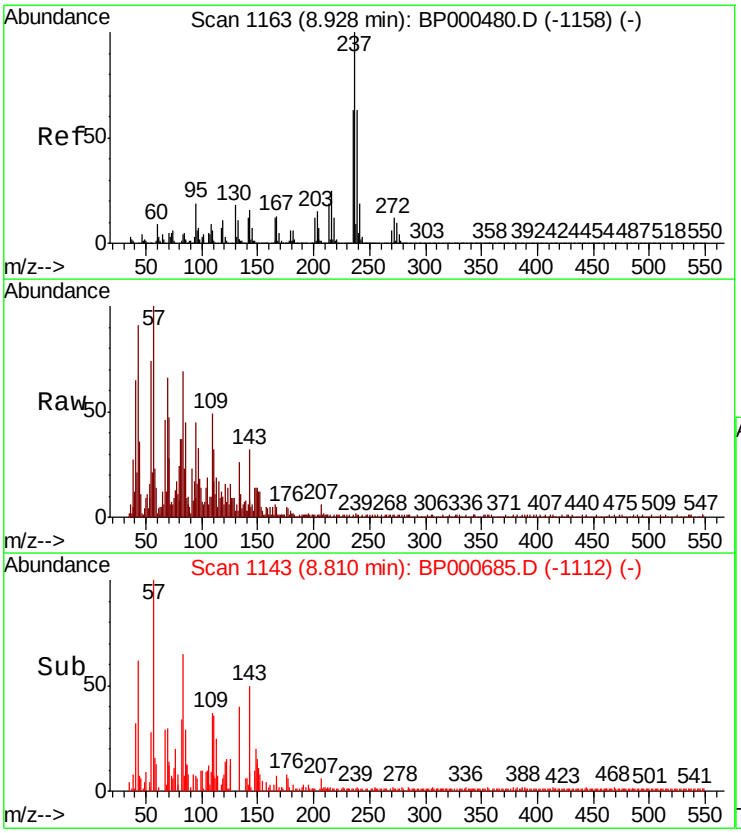
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 511252

Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.2	123.2
160	44.2	37.6	56.4

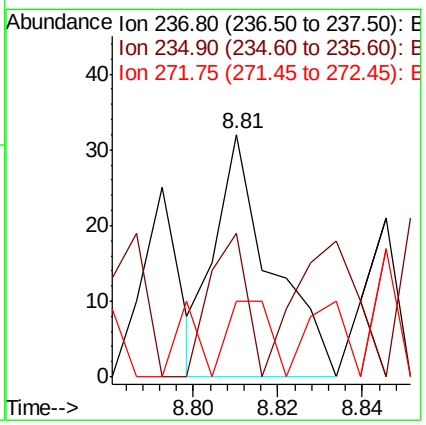


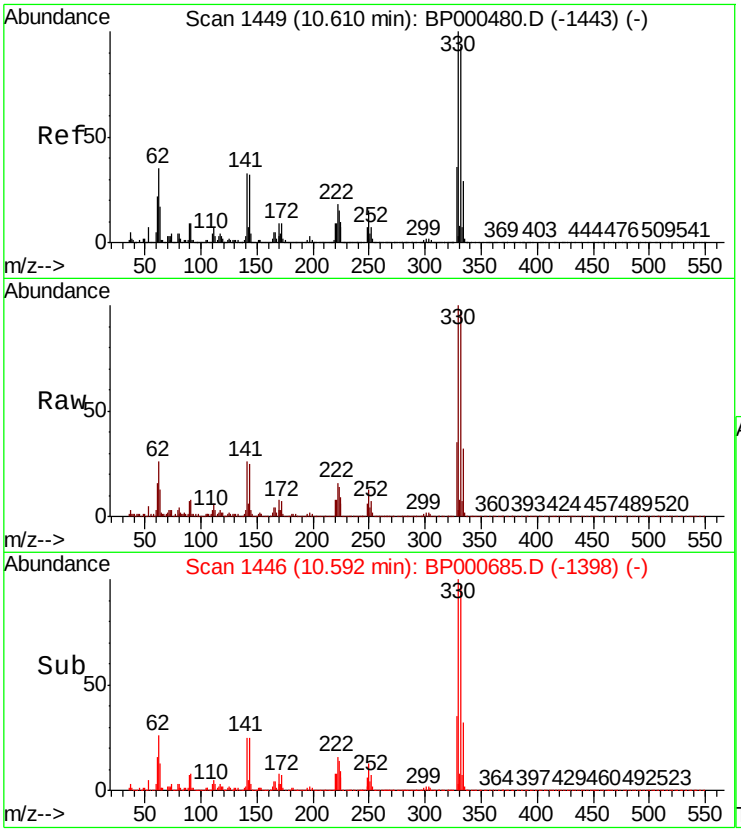


#41
Hexachlorocyclopentadiene
Concen: 7.301 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.12 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Tgt Ion:237 Resp: 29

Ion	Ratio	Lower	Upper
237	100		
235	59.4	42.9	82.9
272	31.3	0.0	32.4



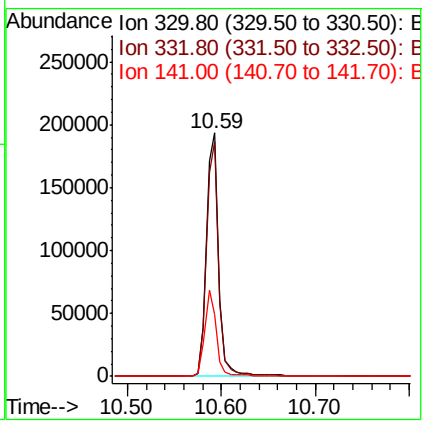


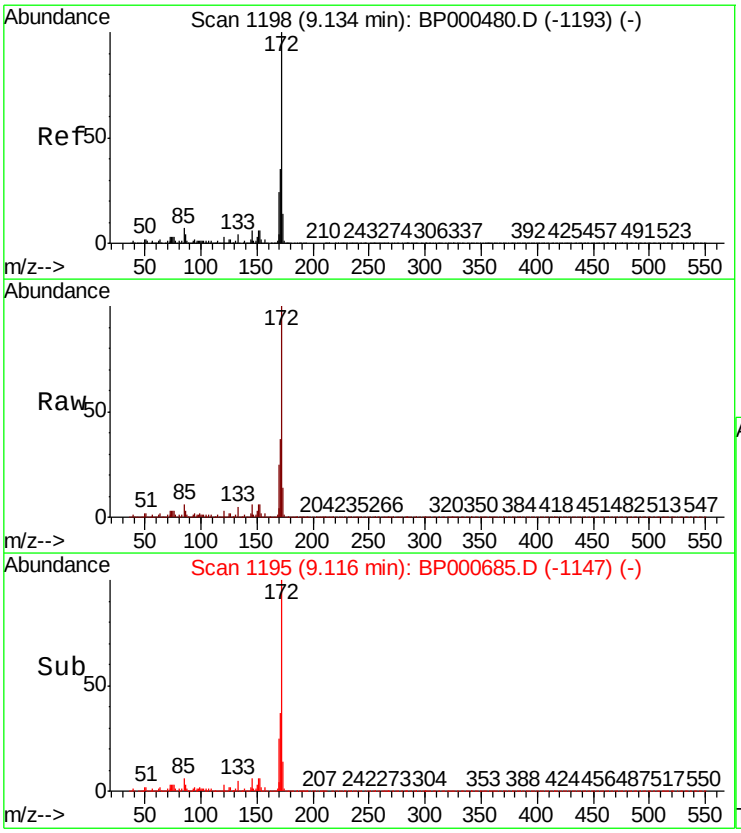
#42
2,4,6-Tribromophenol
Concen: 32.758 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 178468

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	33.7	26.0	39.0

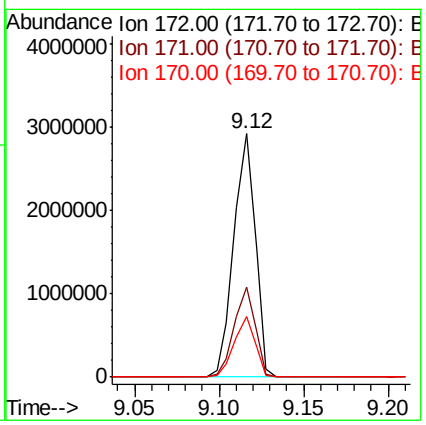


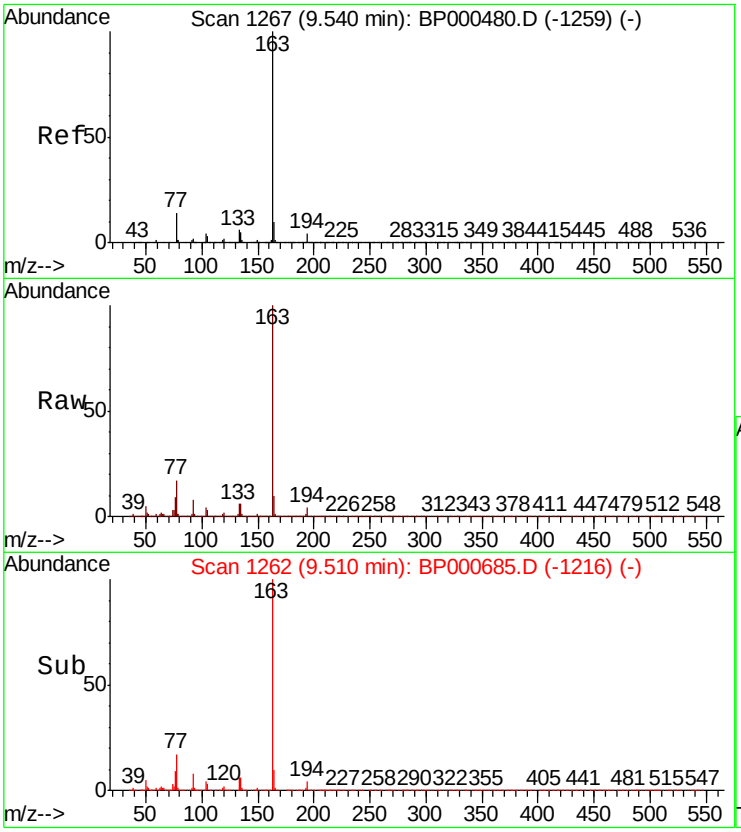


#45
2-Fluorobiphenyl
Concen: 81.856 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Tgt Ion:172 Resp: 2586484

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.4	42.6
170	24.7	19.1	28.7



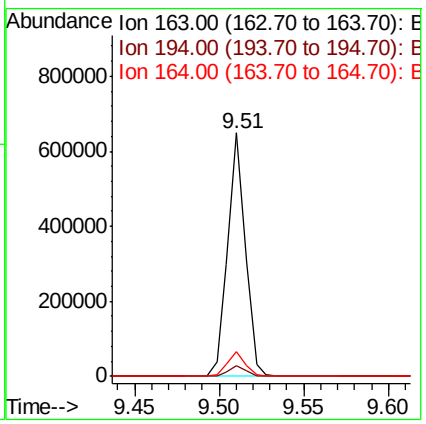


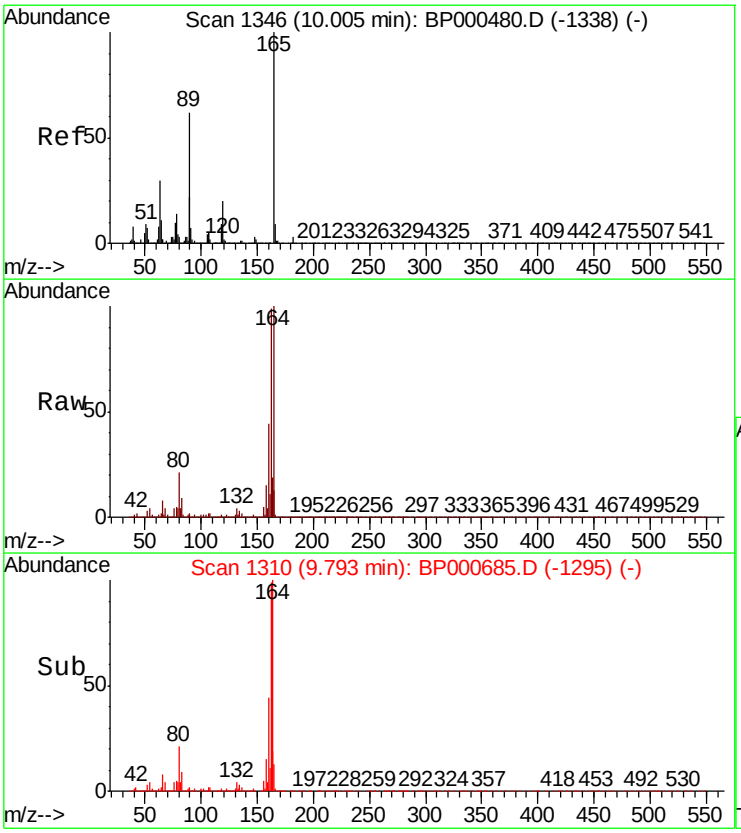
#50
Dimethylphthalate
Concen: 13.254 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 470822

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.0	12.0

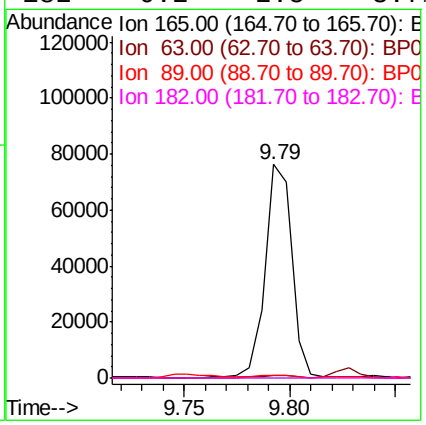


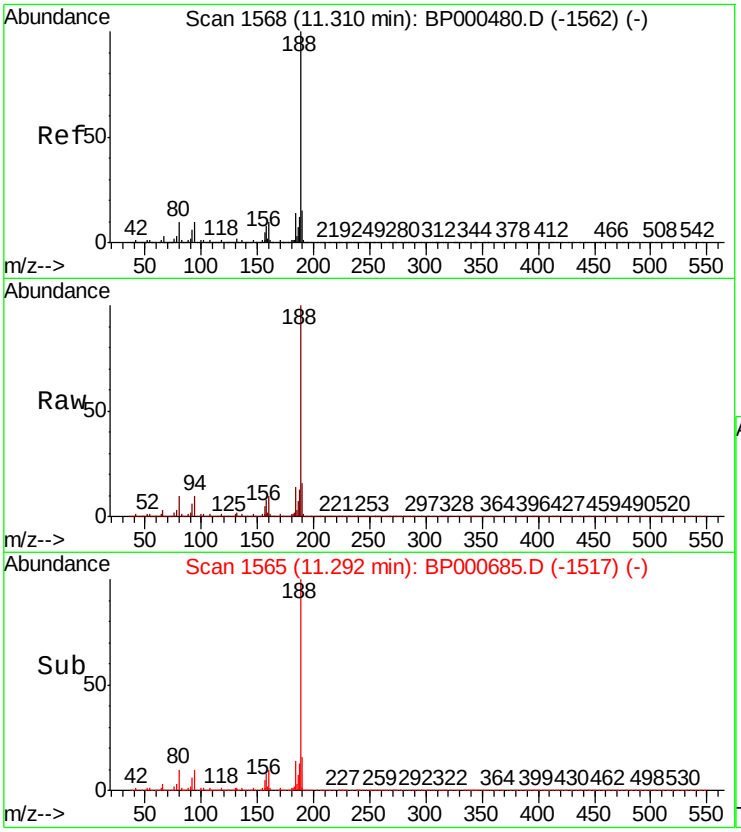


#57
2,4-Dinitrotoluene
Concen: 6.499 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Tgt Ion:165 Resp: 66753

Ion	Ratio	Lower	Upper
165	100		
63	0.9	24.2	36.4#
89	1.4	49.4	74.0#
182	0.2	2.5	3.7#



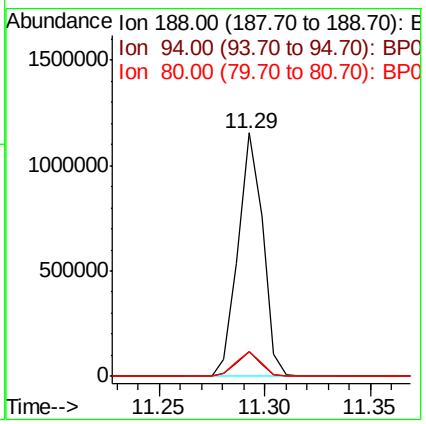


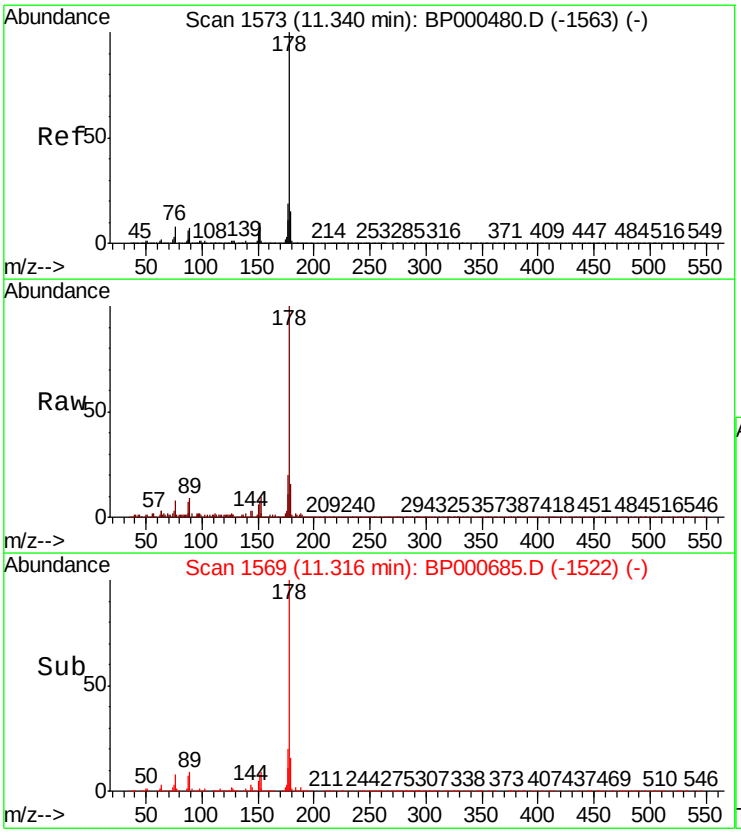
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 935337

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	10.4	8.3	12.5

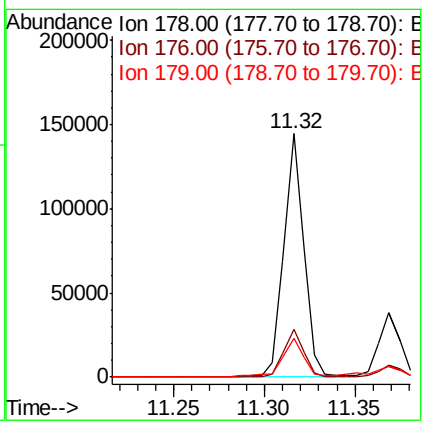


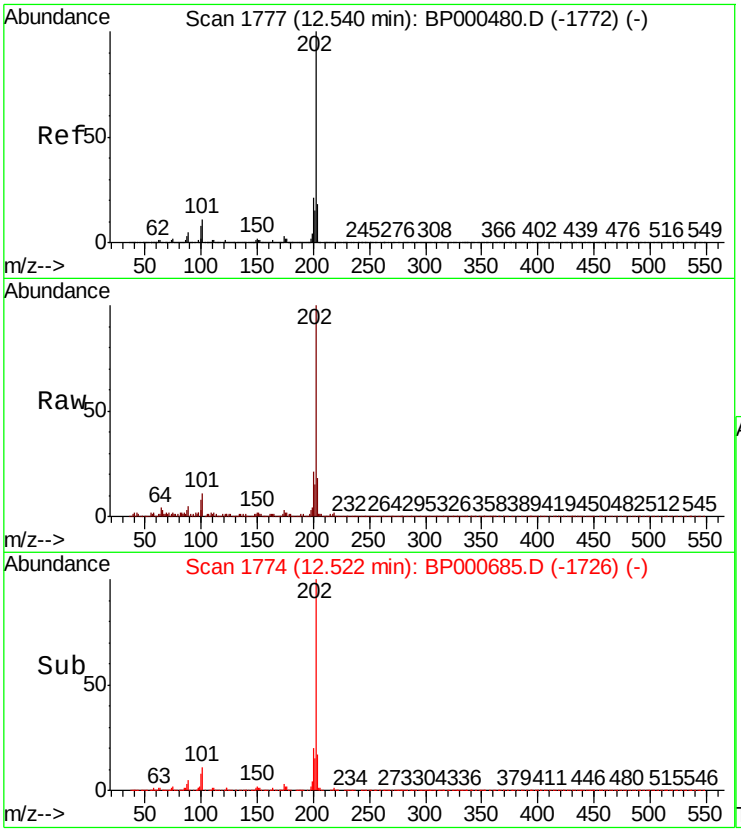


#71
Phenanthrene
Concen: 2.354 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Tgt Ion:178 Resp: 110572

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.0	12.2	18.4



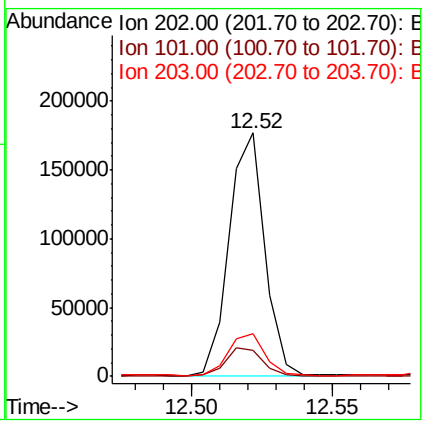


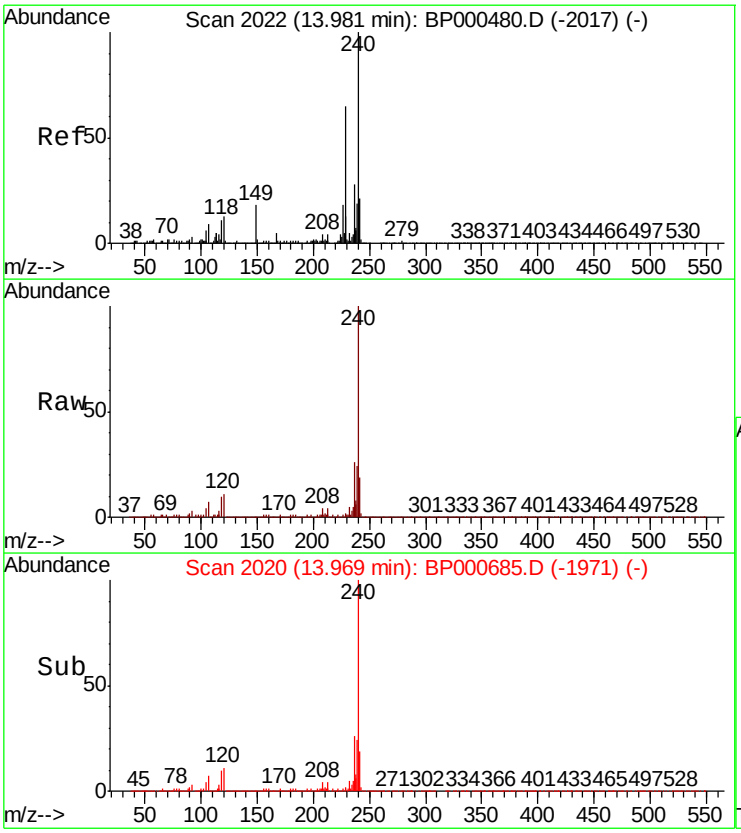
#75
Fluoranthene
Concen: 2.926 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 154385

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.3
203	17.7	0.0	38.1

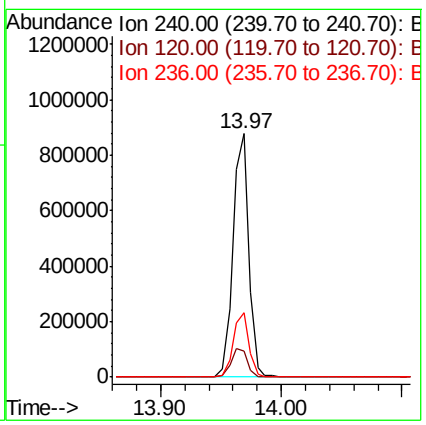


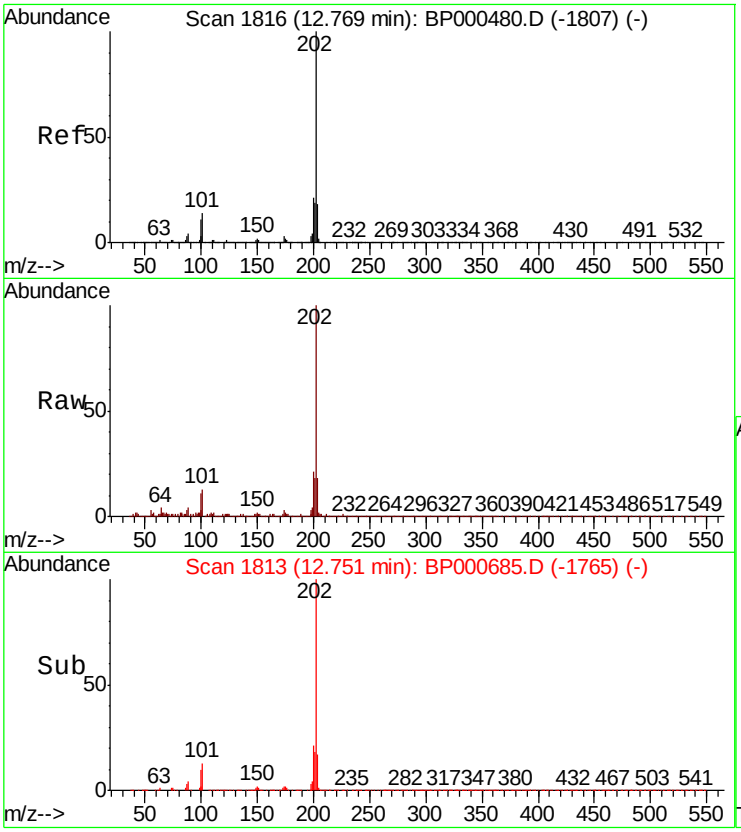


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Tgt Ion:240 Resp: 798958

Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.1	15.1
236	26.4	22.7	34.1



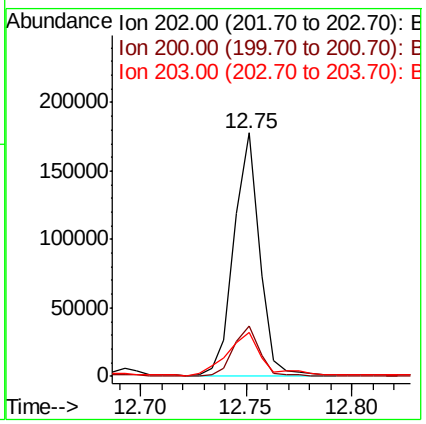


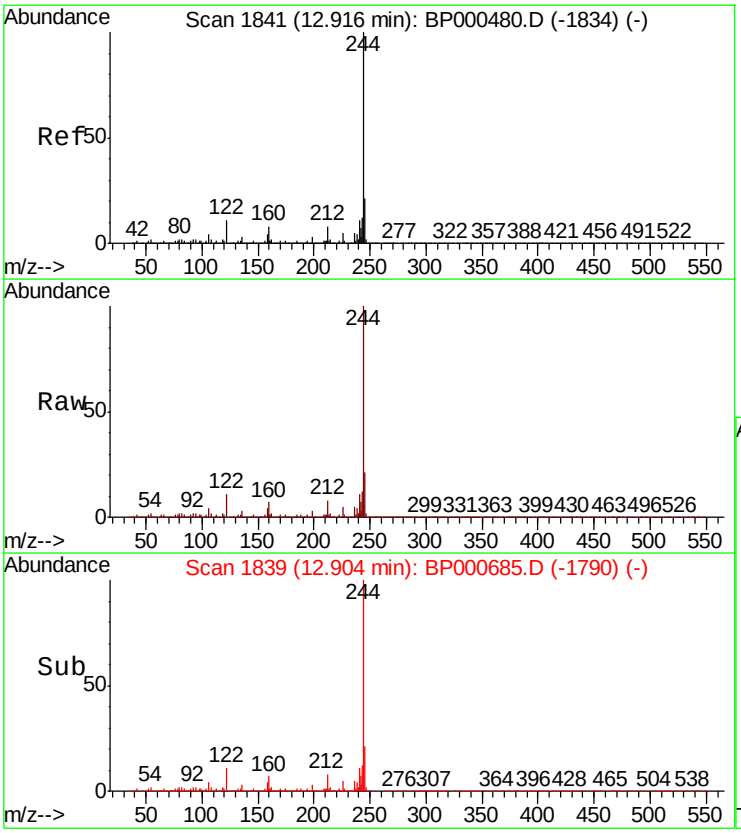
#78
Pyrene
Concen: 2.680 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 147704

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.1	25.7
203	17.9	14.6	21.8

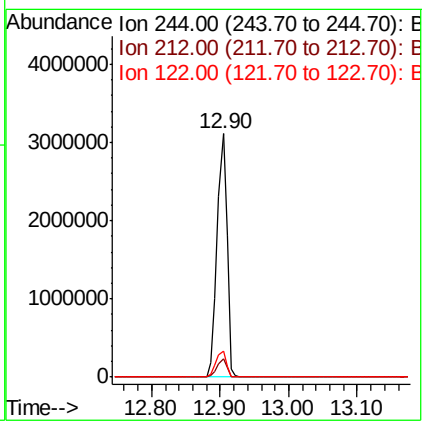


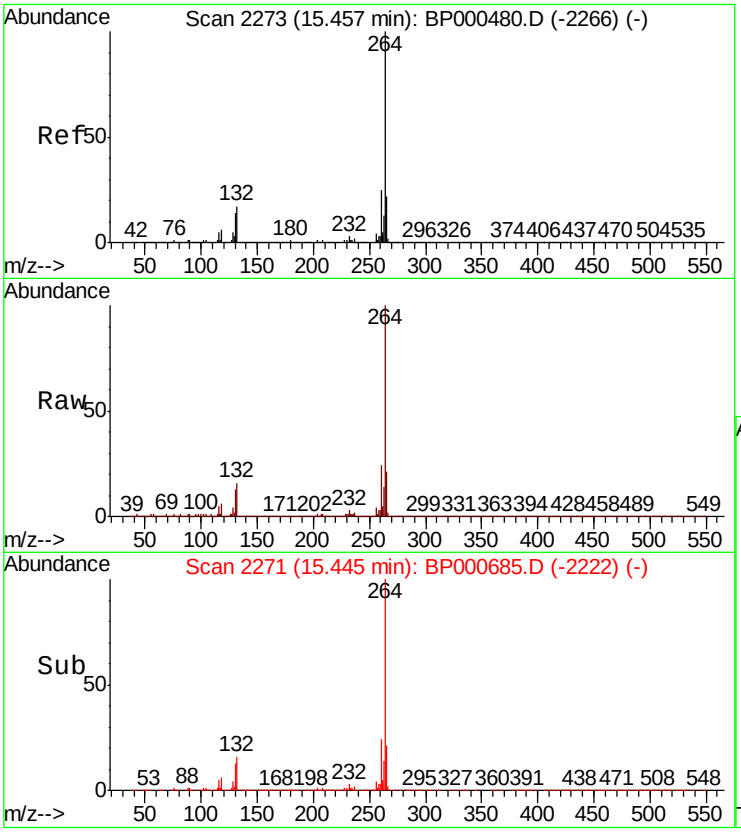


#79
Terphenyl-d14
Concen: 77.028 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Tgt Ion:244 Resp: 3039522

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	10.8	8.9	13.3



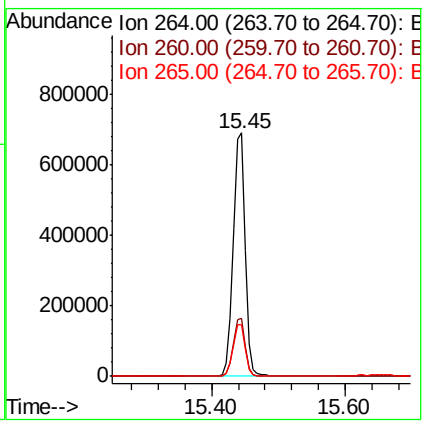


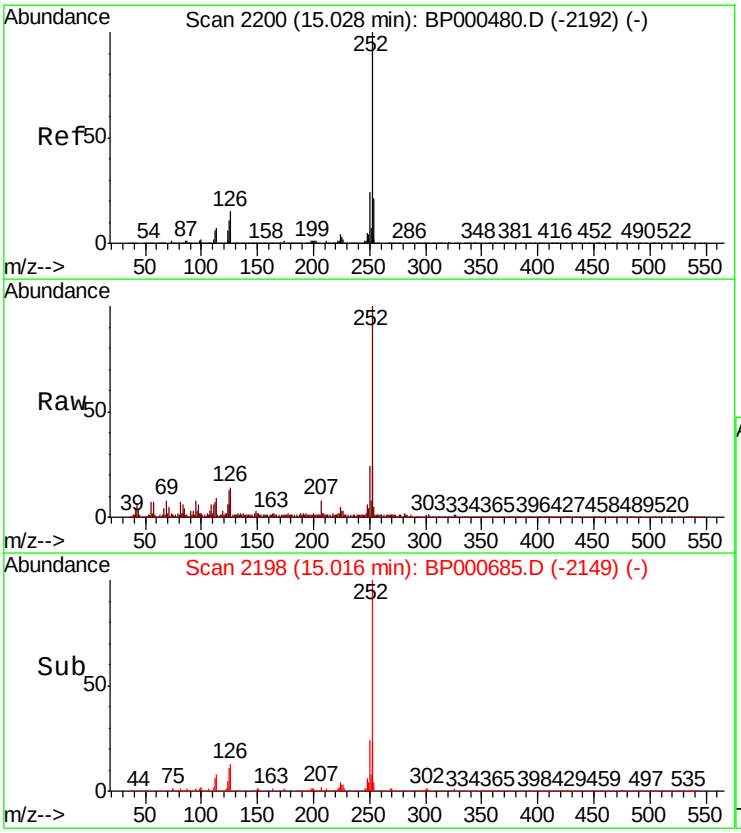
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 882801

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.3	30.5
265	21.4	18.0	27.0

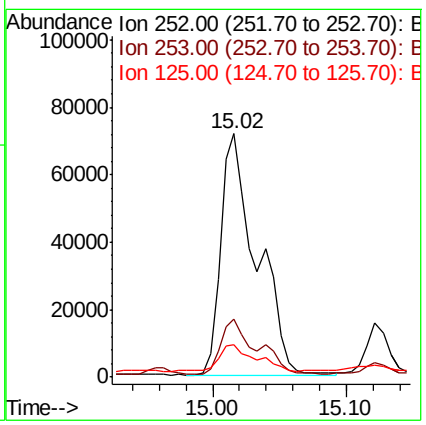


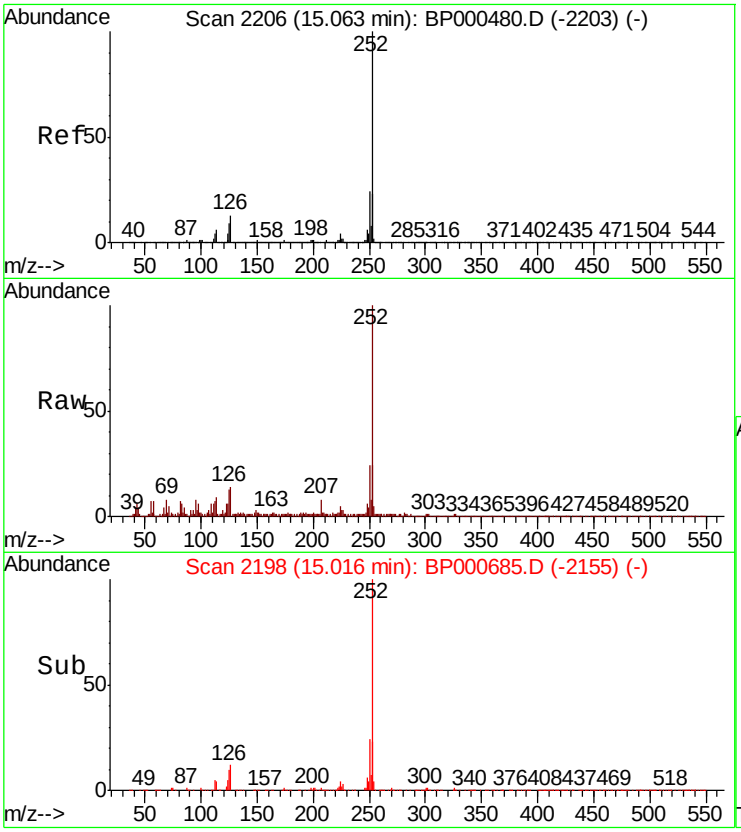


#88
Benzo(b)fluoranthene
Concen: 2.688 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Tgt Ion:252 Resp: 134621

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.4
125	13.4	8.9	13.3#





#89
Benzo(k)fluoranthene
Concen: 2.823 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.05 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 134621

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	13.4	7.8	11.8#