Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
Data File : BP000716.D
Acq On : 14 Oct 2019 17:31
Operator : JU
Sample : K5348-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Oct 15 02:44:34 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	205535	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	731793	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	402323	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	737034	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	655743	20.00	ng		0.00
87) Perylene-d12	15.46	264	769218	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	73119	5.72	ng		-0.01
7) Phenol-d6	6.39	99	658378	42.73	ng		-0.02
23) Nitrobenzene-d5	7.31	82	792811	66.17	ng		-0.02
42) 2,4,6-Tribromophenol	10.59	330	14721	3.43	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	1496775	60.19	ng		-0.02
79) Terphenyl-d14	12.90	244	1742907	53.82	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.40	94	63841	4.047	ng		92
19) n-Nitroso-di-n-propylamine	7.31	70	101468	14.287	ng	#	74
25) Isophorone	7.31	82	792523	37.268	ng	#	61
41) Hexachlorocyclopentadiene	8.92	237	12	7.299	ng		83
50) Dimethylphthalate	9.51	163	269896	9.655	ng		99
57) 2,4-Dinitrotoluene	9.80	165	52720	6.522	ng	#	32
75) Fluoranthene	12.53	202	148173	3.564	ng		99
78) Pyrene	12.76	202	154044	3.406	ng		99
81) Benzo(a)anthracene	13.96	228	94931	2.373	ng	#	82
83) Chrysene	14.00	228	87050	2.217	ng		97
84) Bis(2-ethylhexyl)phthalate	13.96	149	62962	2.540	ng		99
88) Benzo(b)fluoranthene	15.02	252	178182	4.083	ng	#	92
89) Benzo(k)fluoranthene	15.02	252	178182	4.289	ng	#	94
90) Benzo(a)pyrene	15.39	252	104327	2.565	ng	#	92

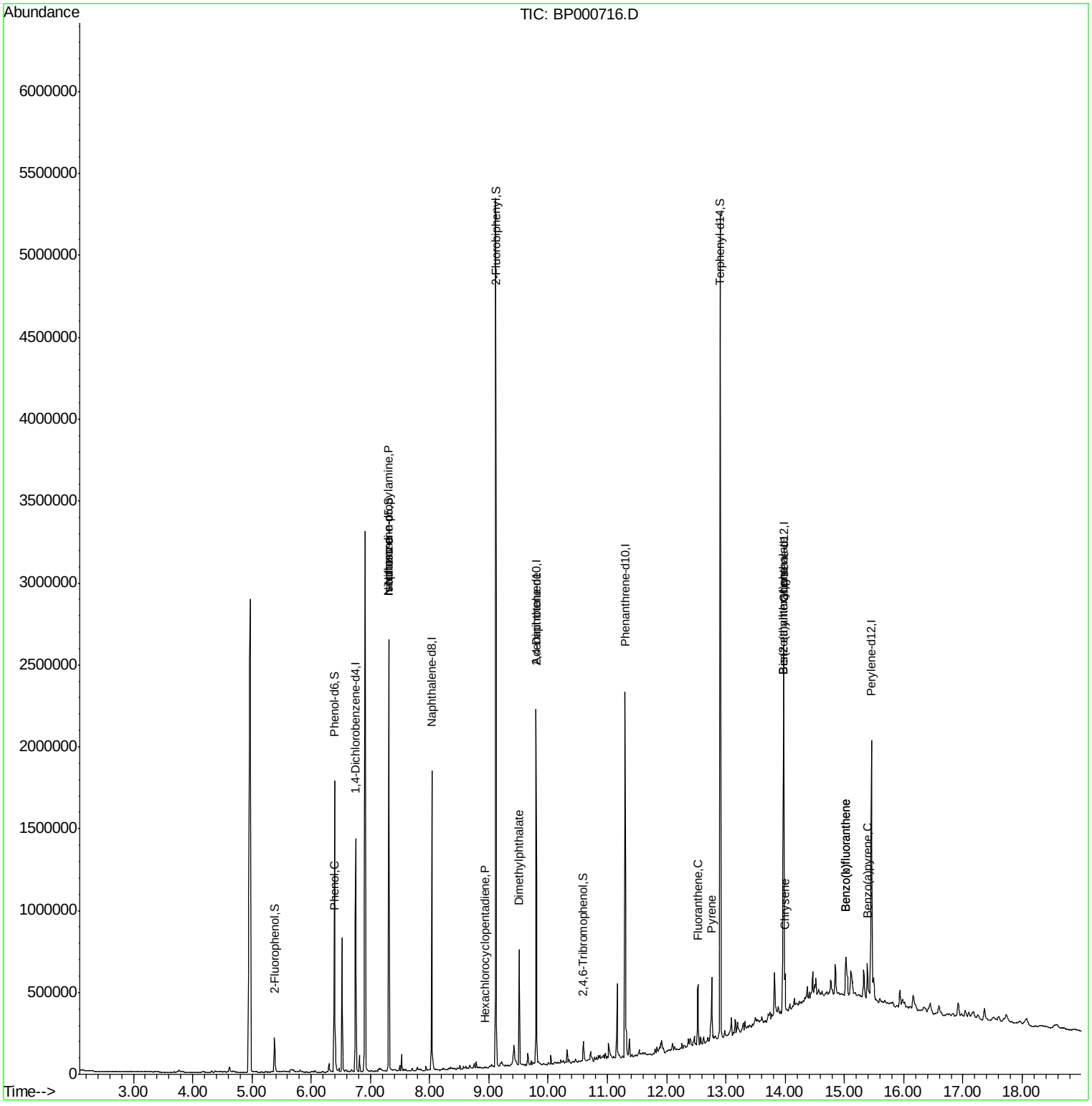
(#) = qualifier out of range (m) = manual integration (+) = signals summed

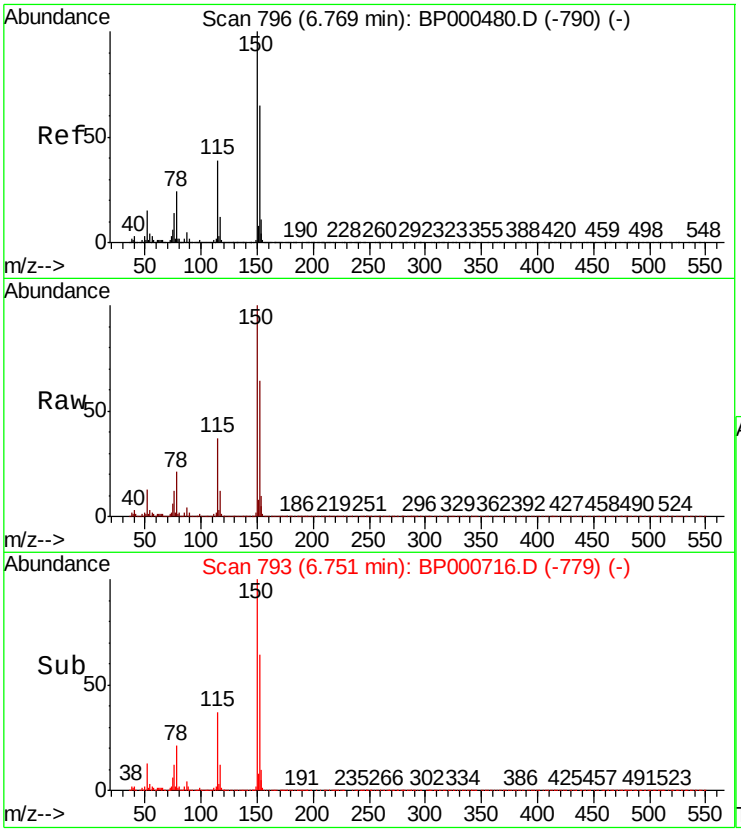
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
Data File : BP000716.D
Acq On : 14 Oct 2019 17:31
Operator : JU
Sample : K5348-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Oct 15 02:44:34 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



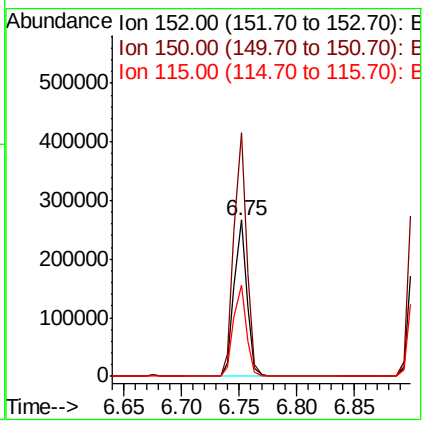


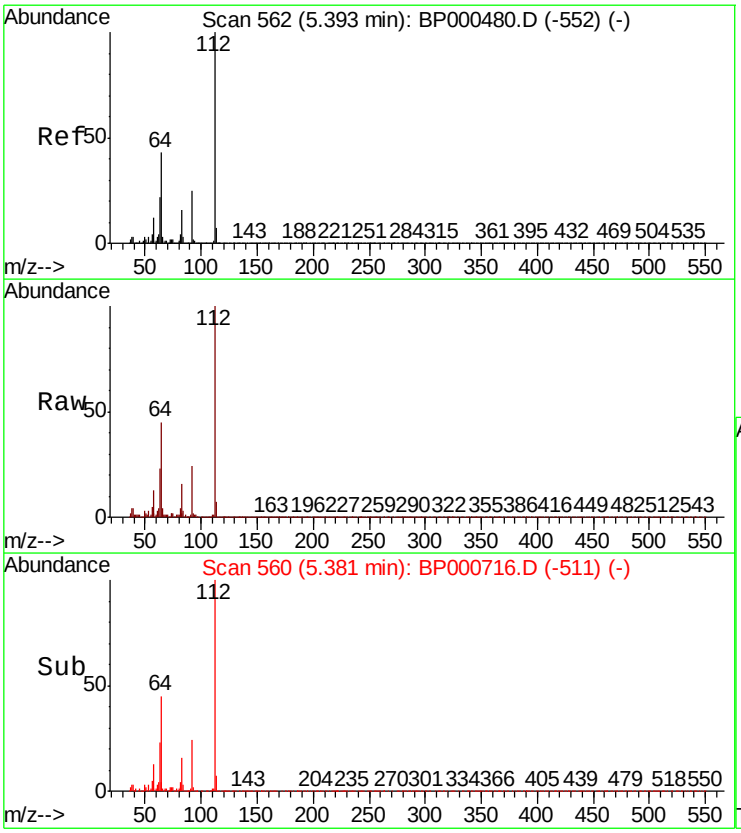
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 205535

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.1	186.1
115	58.2	48.7	73.1

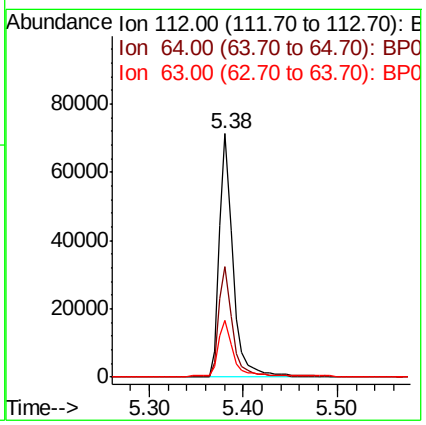


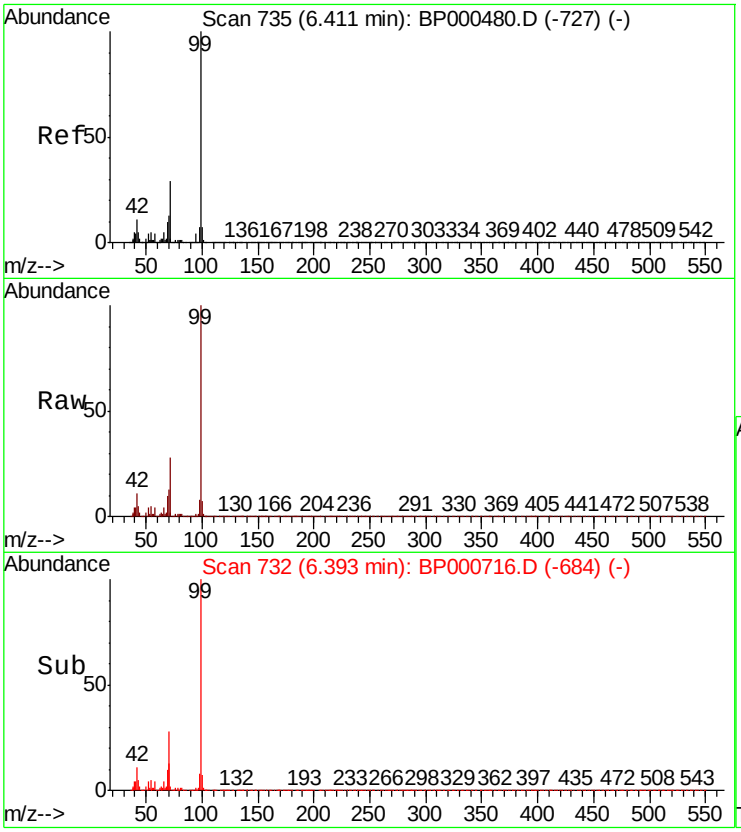


#5
2-Fluorophenol
Concen: 5.718 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion:112 Resp: 73119

Ion	Ratio	Lower	Upper
112	100		
64	45.5	34.2	51.4
63	23.1	17.9	26.9



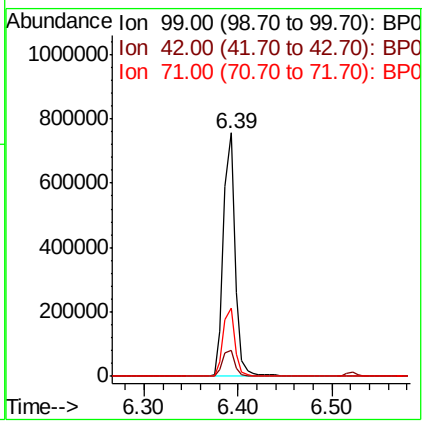


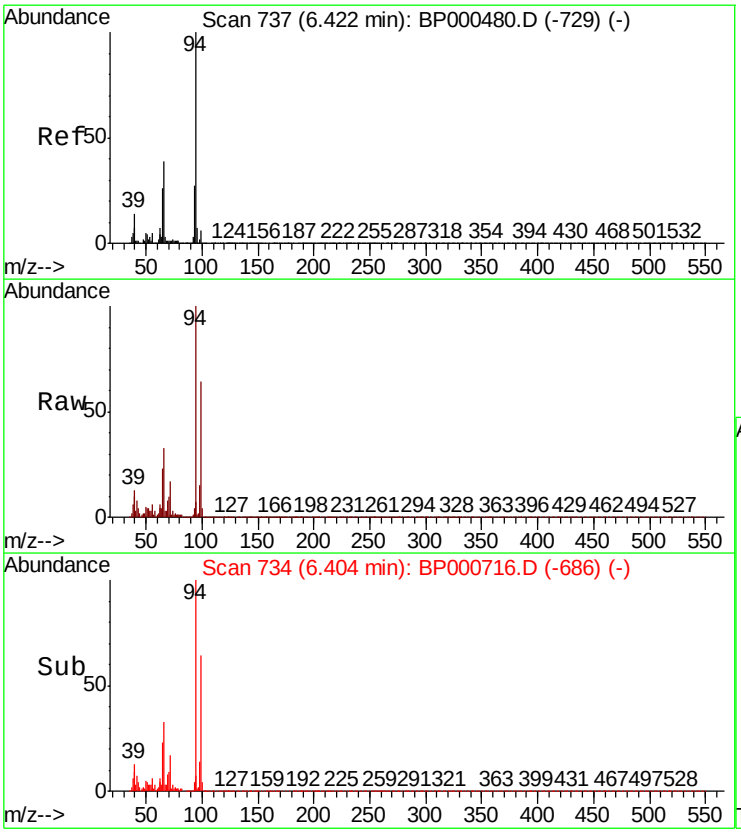
#7
Phenol-d6
Concen: 42.729 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 658378

Ion	Ratio	Lower	Upper
99	100		
42	10.8	8.6	12.8
71	28.3	23.0	34.4

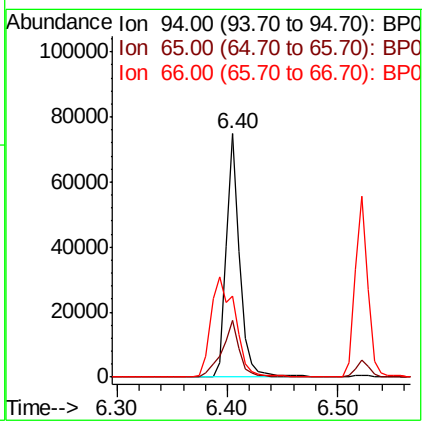


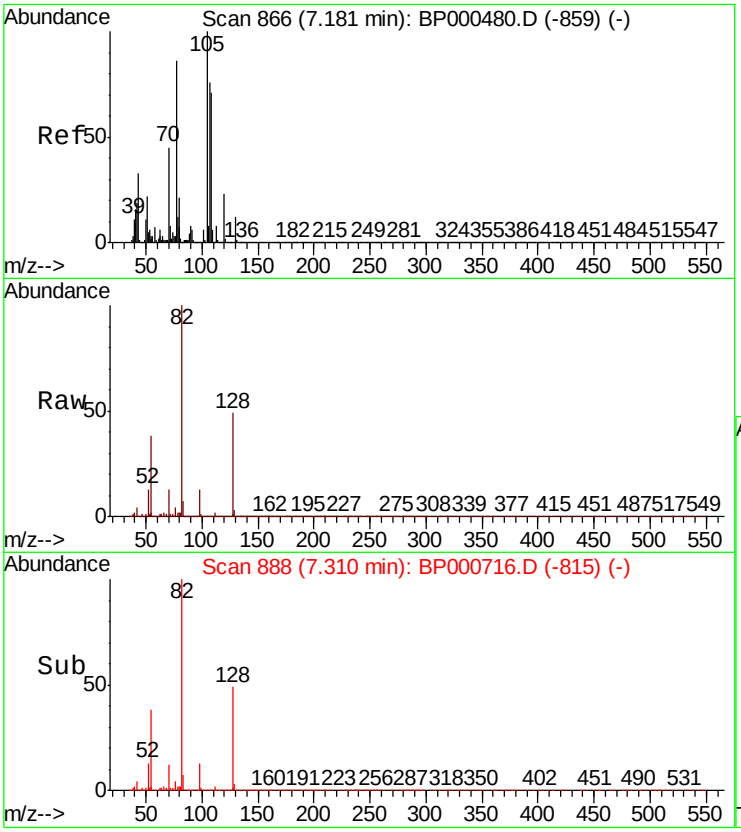


#10
Phenol
Concen: 4.047 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion: 94 Resp: 63841

Ion	Ratio	Lower	Upper
94	100		
65	23.2	5.9	45.9
66	33.1	18.8	58.8



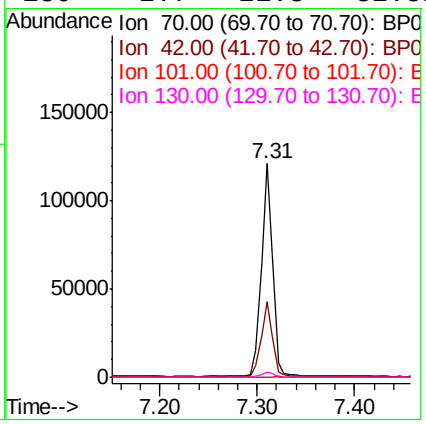


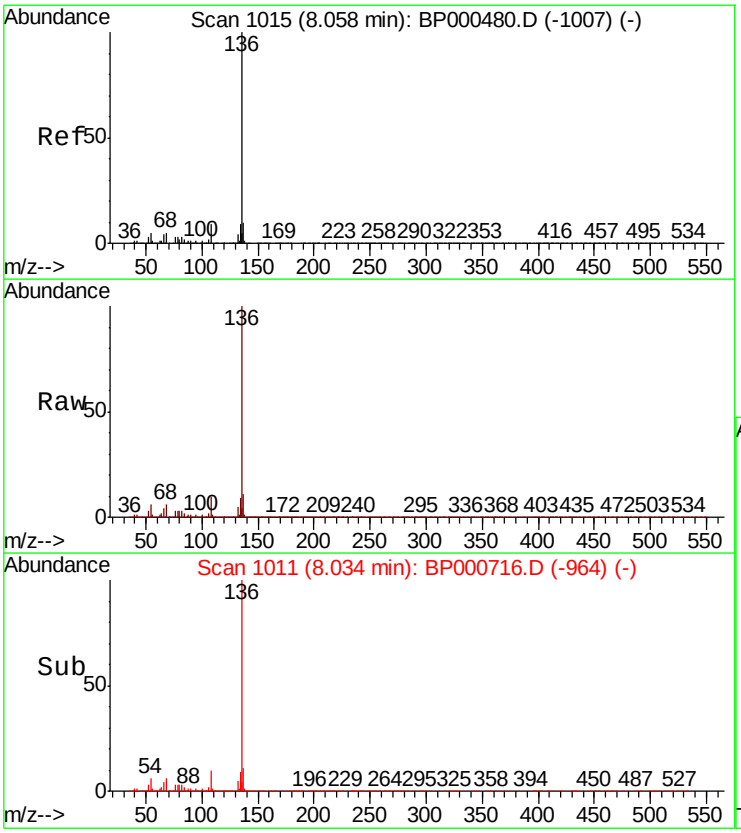
#19
n-Nitroso-di-n-propylamine
Concen: 14.287 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 101468

Ion	Ratio	Lower	Upper
70	100		
42	35.4	33.2	49.8
101	0.1	9.9	14.9#
130	2.7	21.8	32.8#

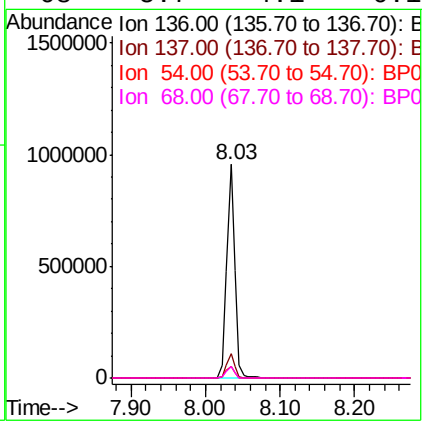


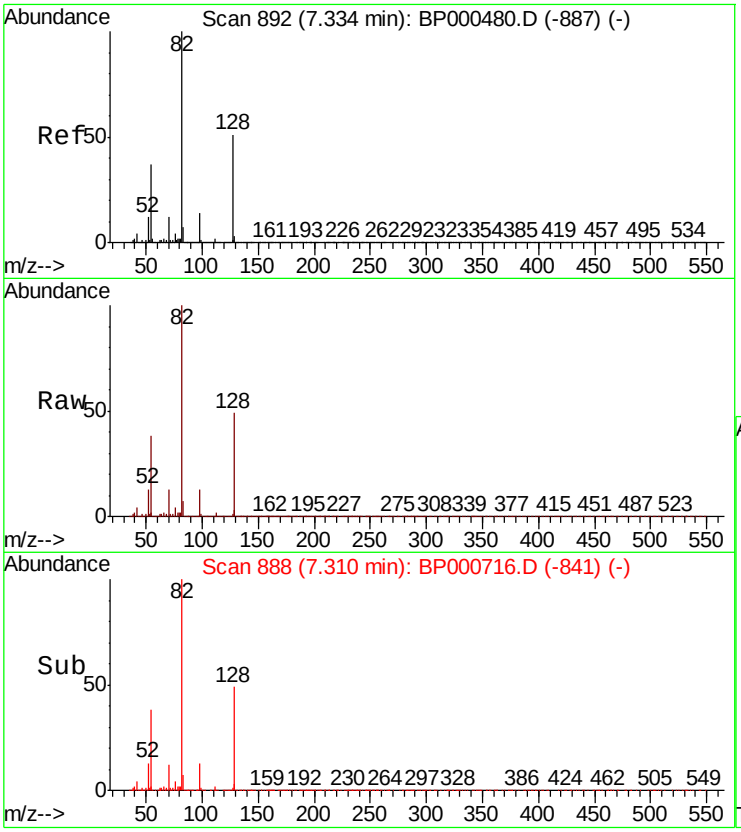


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion:136 Resp: 731793

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	5.7	4.1	6.1
68	5.7	4.1	6.1



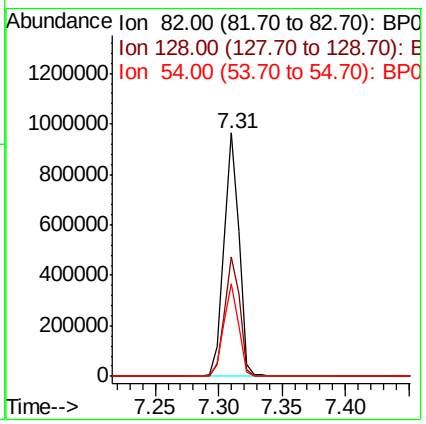


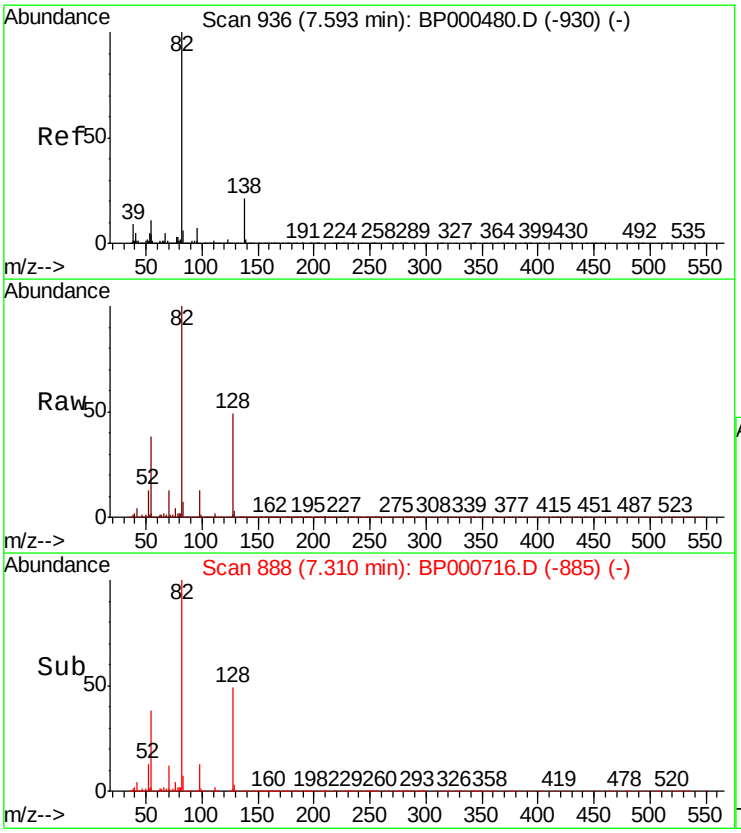
#23
Nitrobenzene-d5
Concen: 66.168 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 792811

Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.9	61.3
54	38.0	29.4	44.2

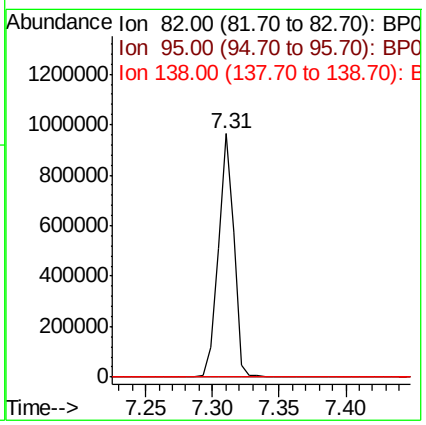


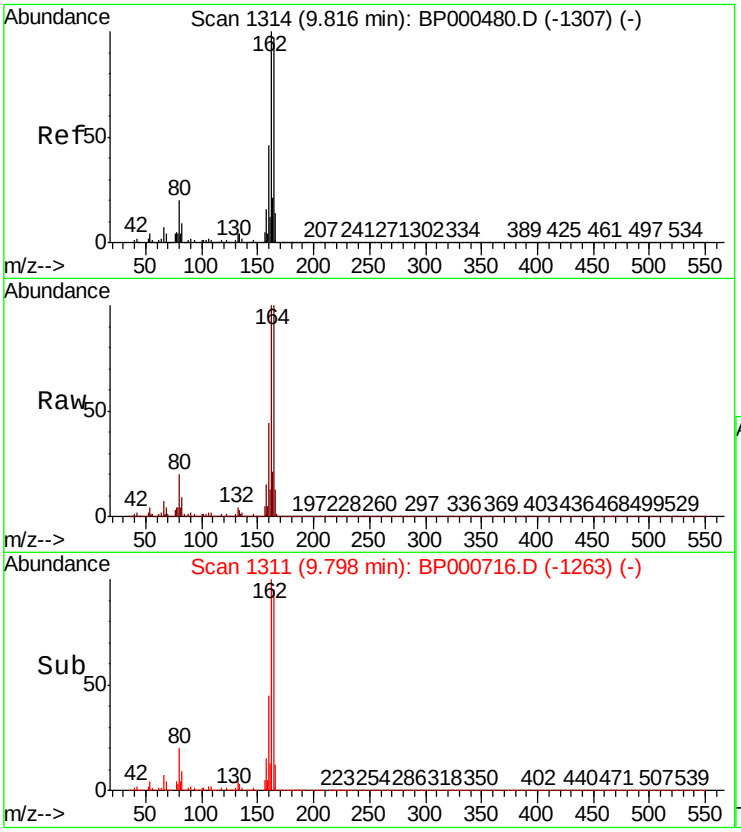


#25
Isophorone
Concen: 37.268 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion: 82 Resp: 792523

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



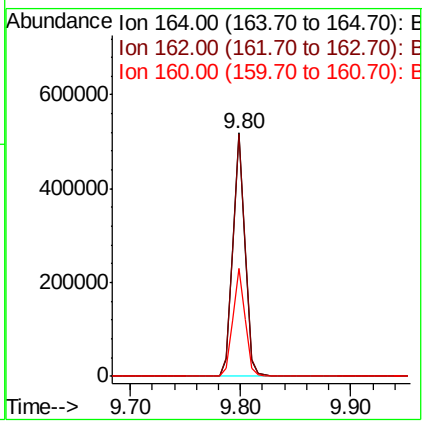


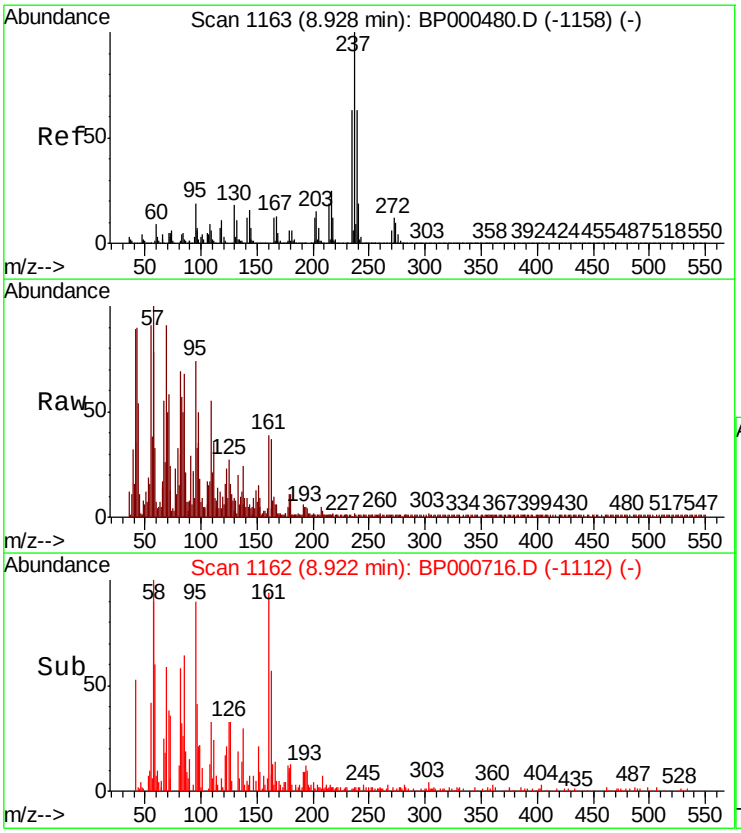
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 402323

Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.2	123.2
160	44.3	37.6	56.4

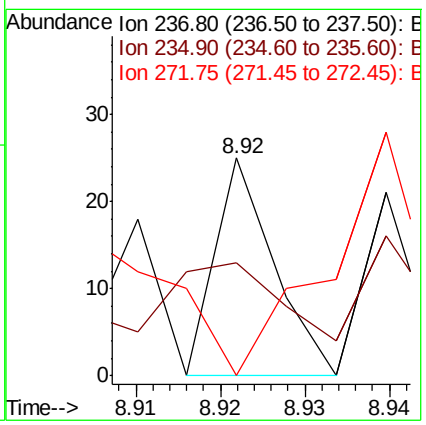


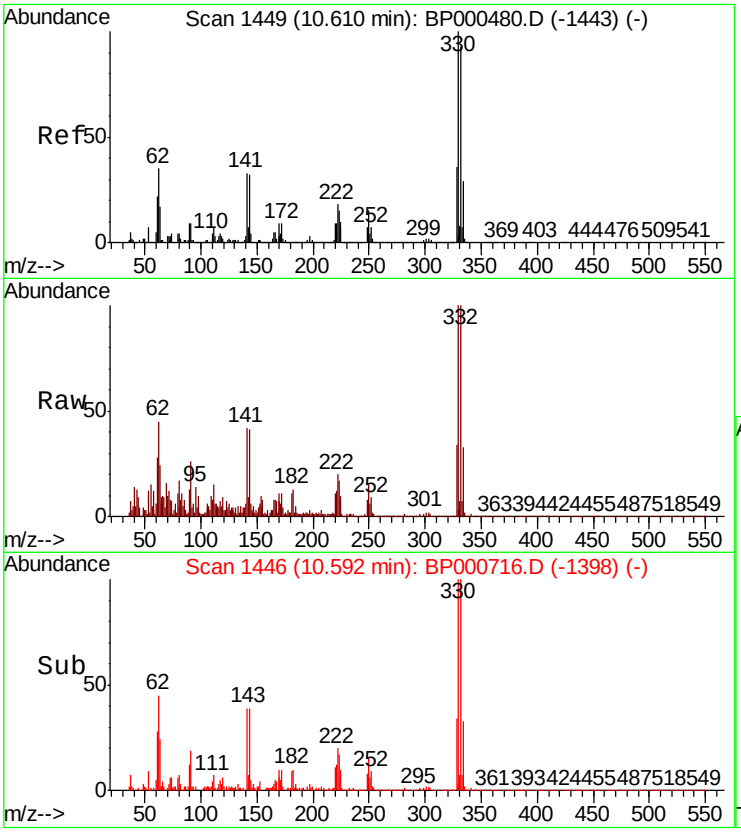


#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion:237 Resp: 12

Ion	Ratio	Lower	Upper
237	100		
235	52.0	42.9	82.9
272	0.0	0.0	32.4



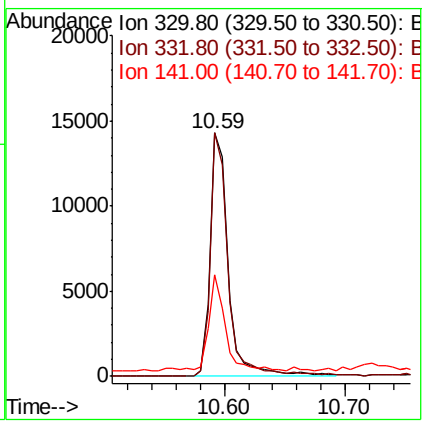


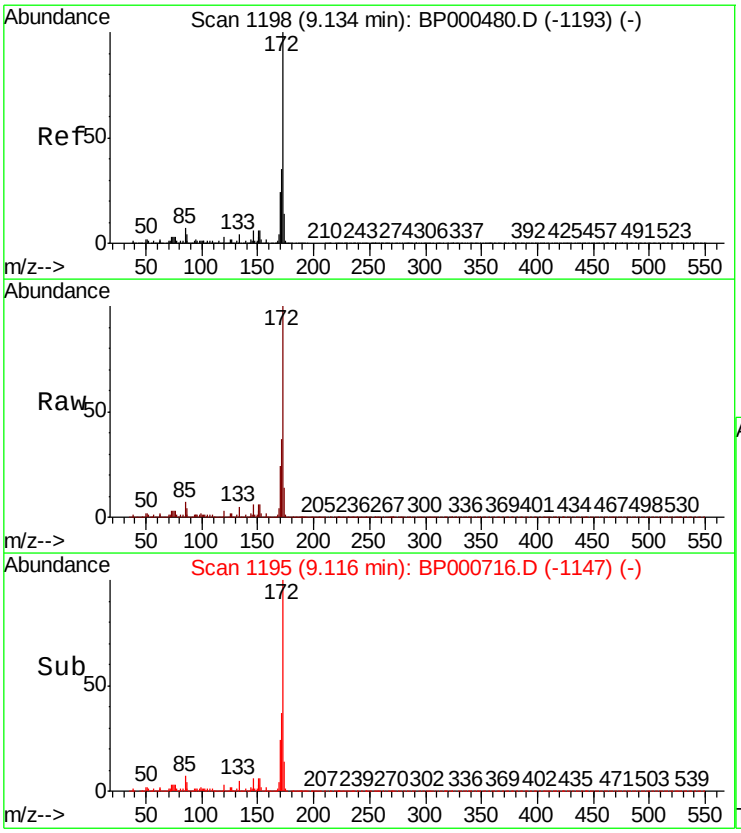
#42
2,4,6-Tribromophenol
Concen: 3.434 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 14721

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.1	115.7
141	35.4	26.0	39.0

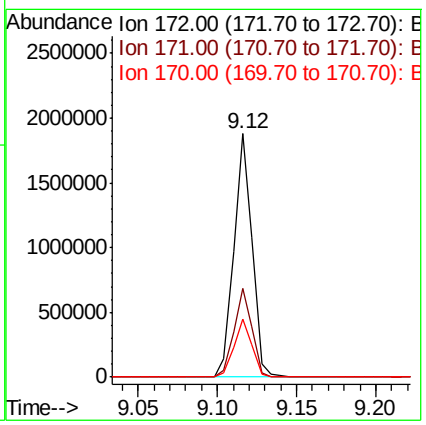


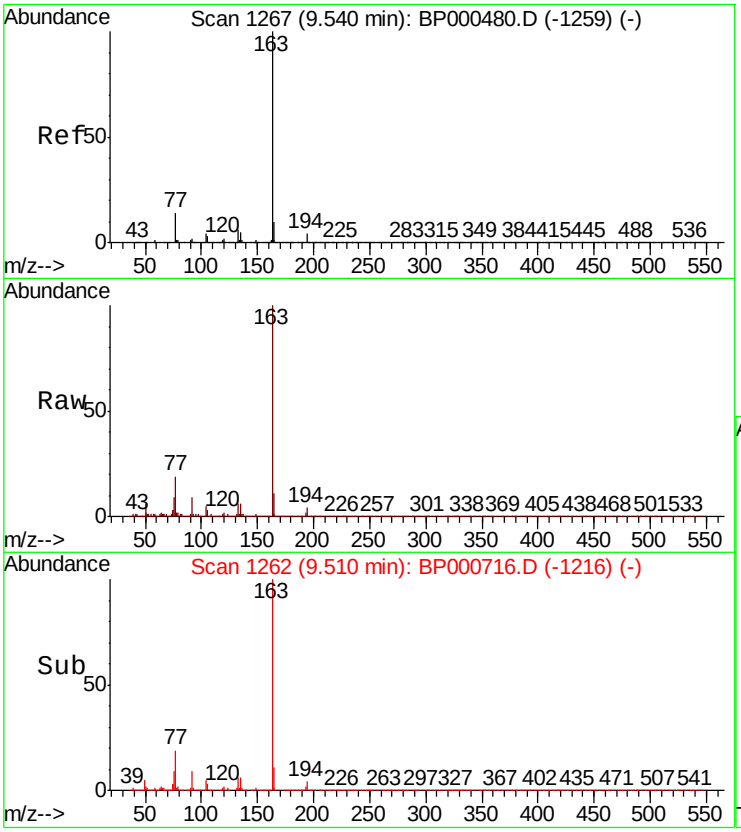


#45
2-Fluorobiphenyl
Concen: 60.195 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion:172 Resp: 1496775

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.4	42.6
170	23.8	19.1	28.7



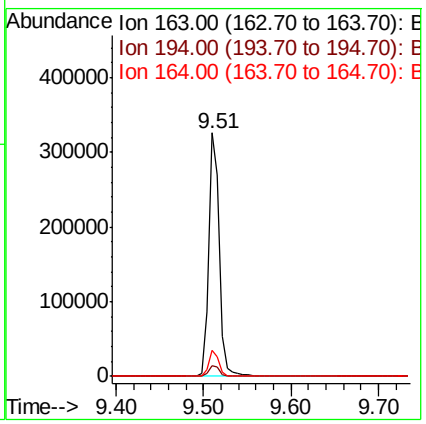


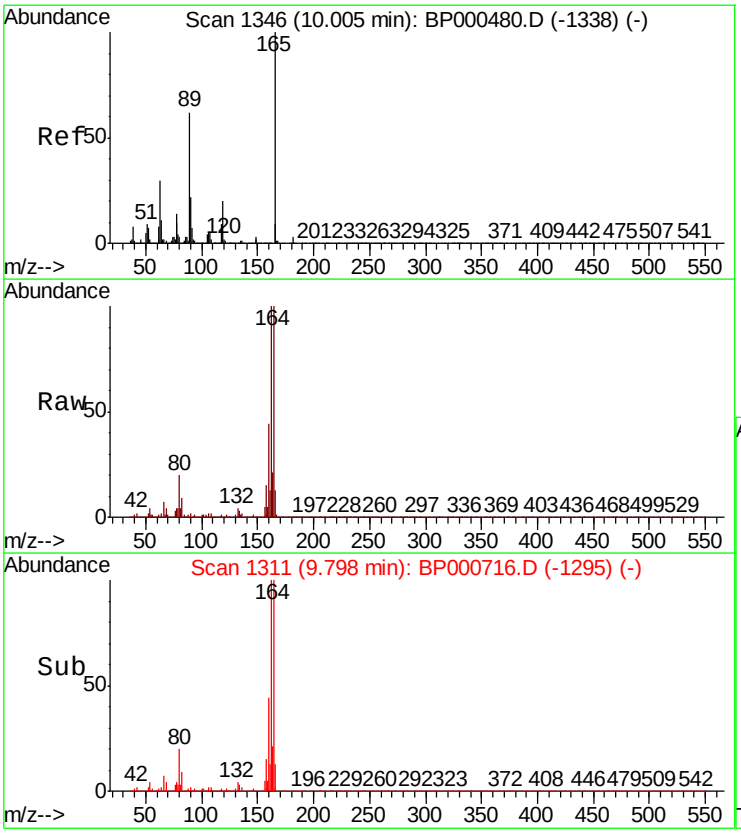
#50
Dimethylphthalate
Concen: 9.655 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 269896

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.6	8.0	12.0

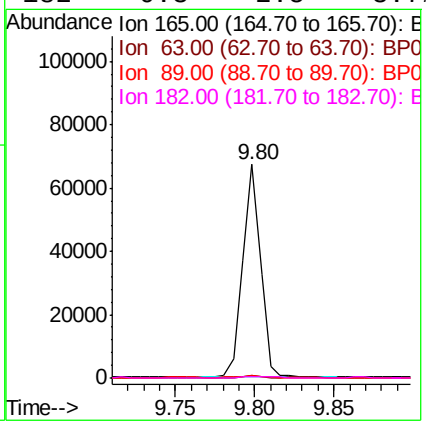


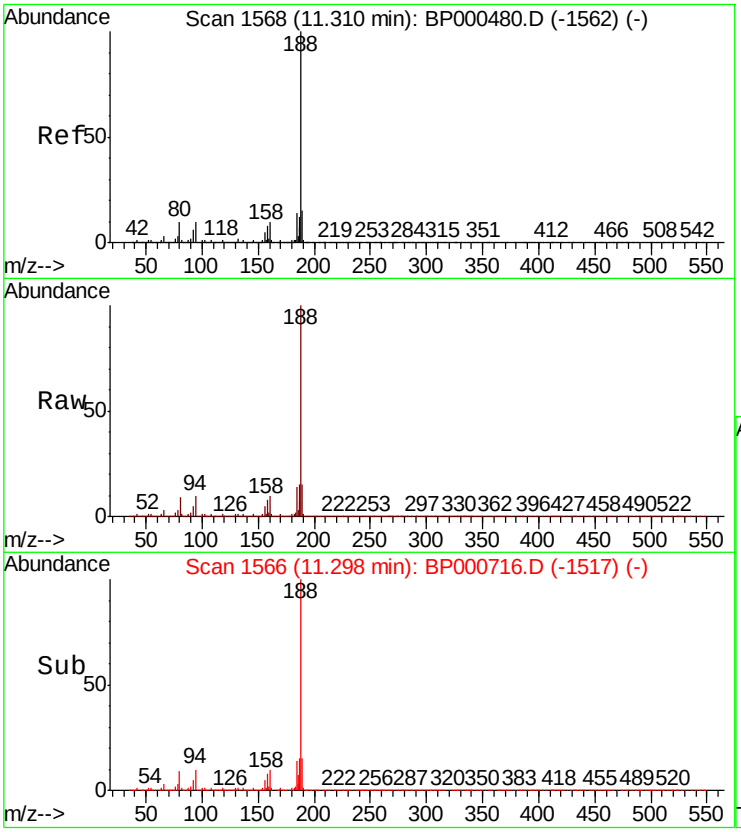


#57
2,4-Dinitrotoluene
Concen: 6.522 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion:165 Resp: 52720

Ion	Ratio	Lower	Upper
165	100		
63	1.0	24.2	36.4#
89	1.4	49.4	74.0#
182	0.3	2.5	3.7#



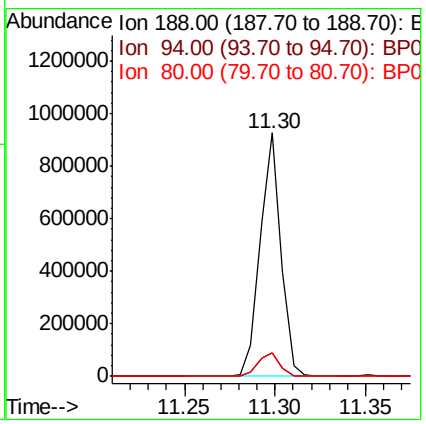


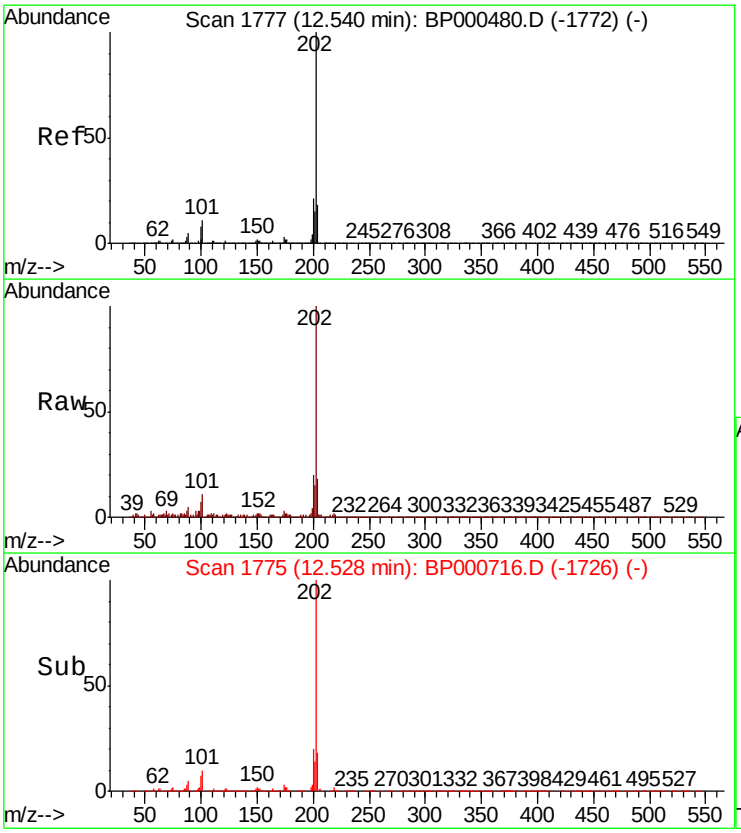
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 737034

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.2
80	9.5	8.3	12.5

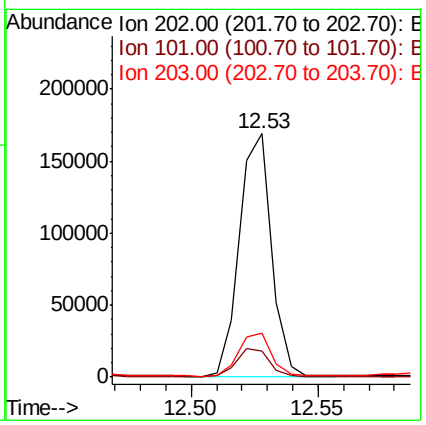


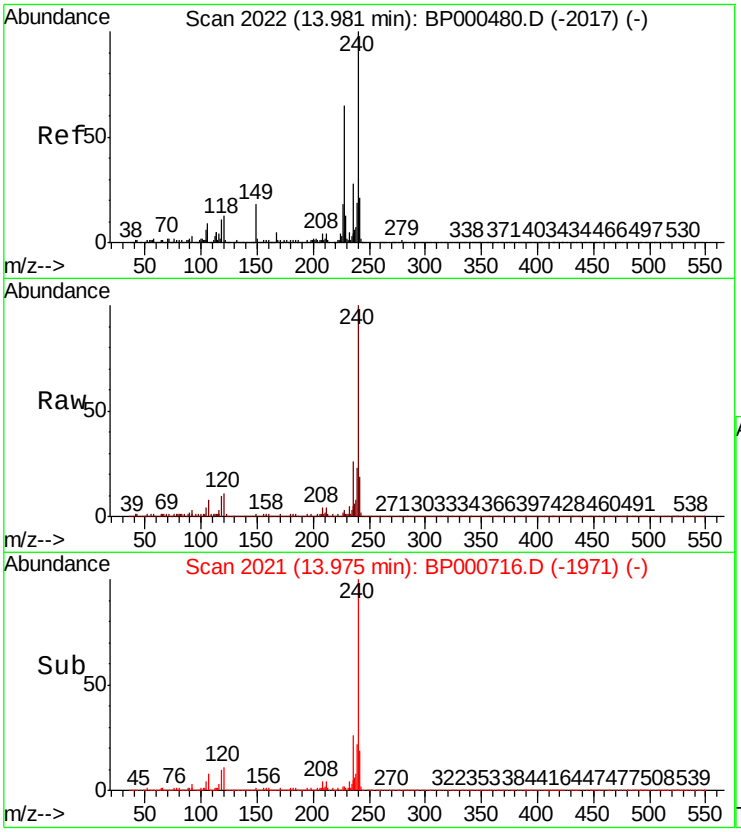


#75
Fluoranthene
Concen: 3.564 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion:202 Resp: 148173

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.3
203	18.1	0.0	38.1



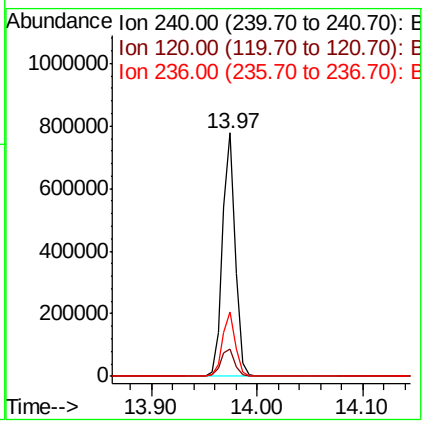


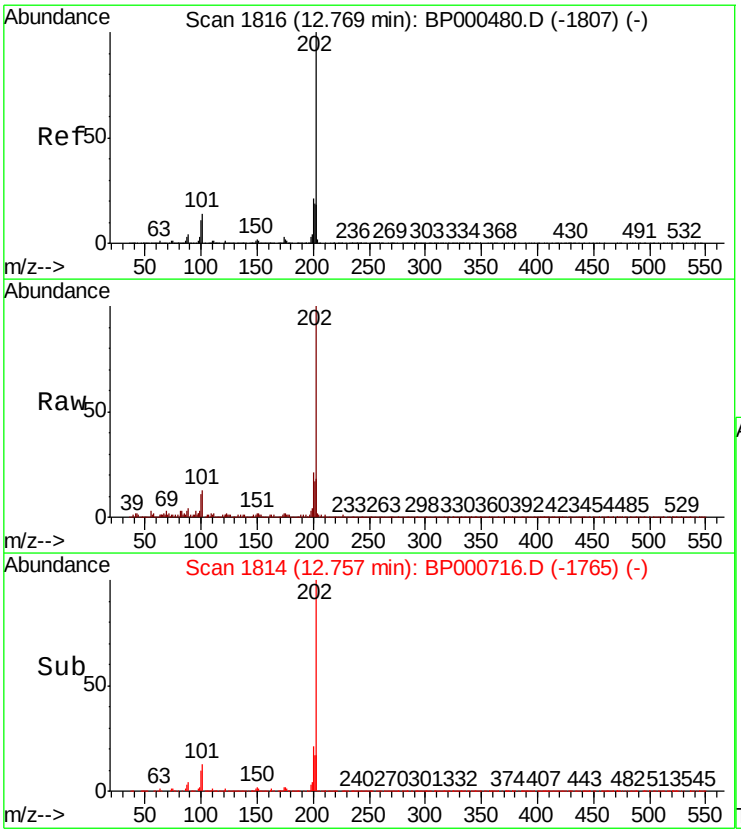
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 655743

Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.1	15.1
236	26.4	22.7	34.1

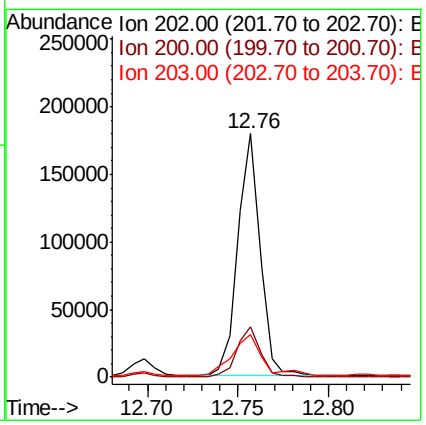


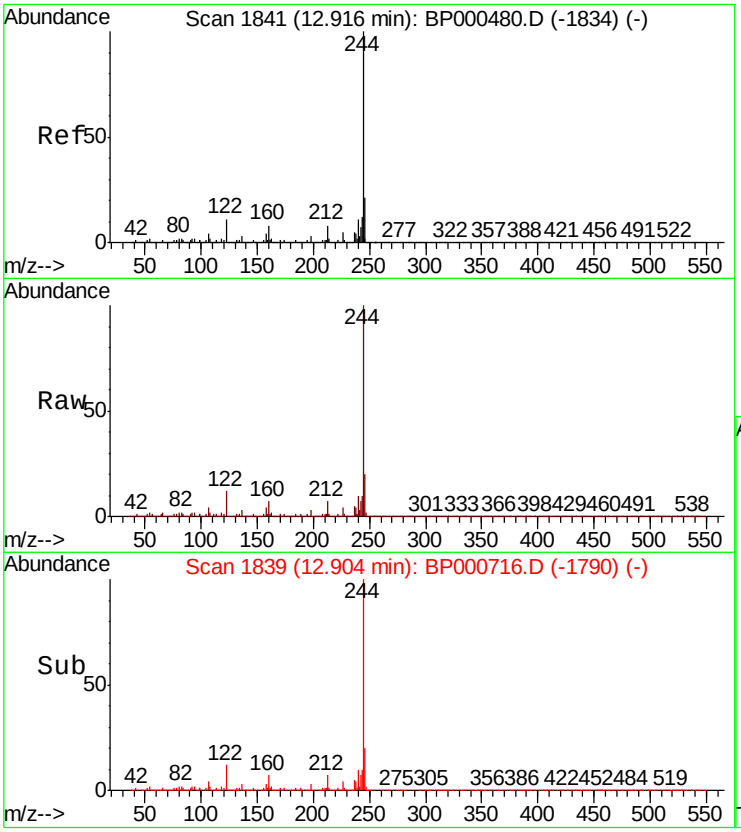


#78
Pyrene
Concen: 3.406 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion:202 Resp: 154044

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.1	25.7
203	17.6	14.6	21.8



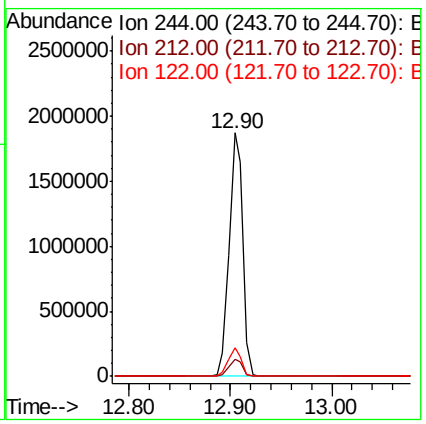


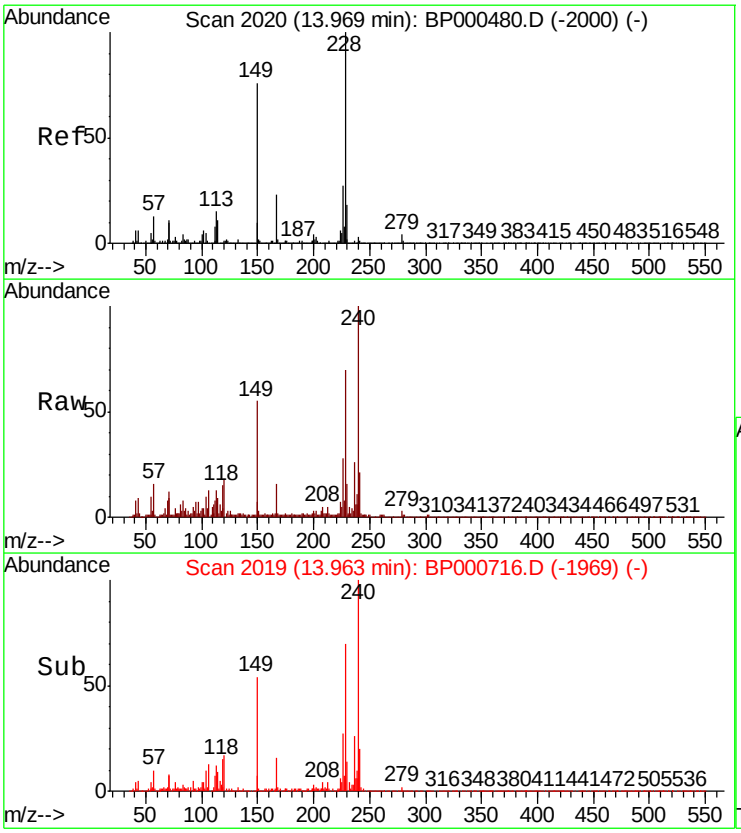
#79
Terphenyl-d14
Concen: 53.815 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 1742907

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.0	8.9	13.3

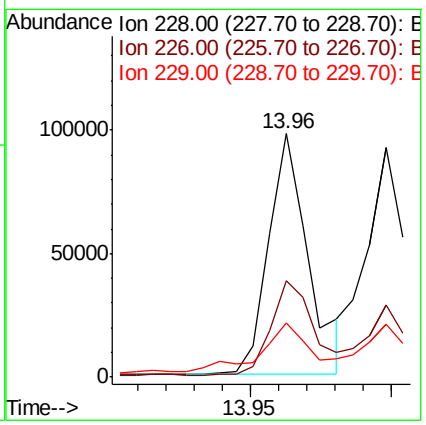


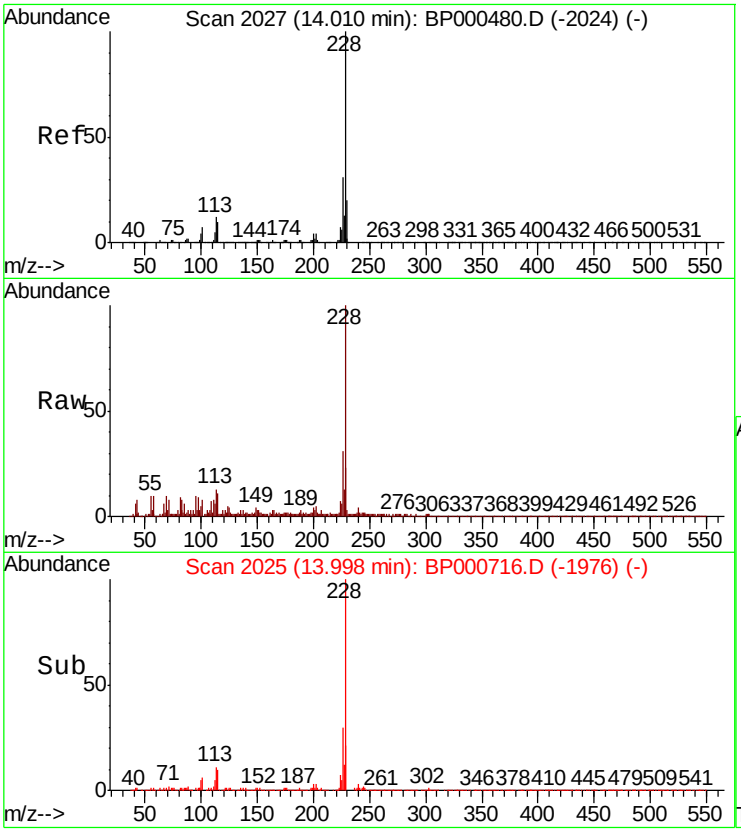


#81
Benzo(a)anthracene
Concen: 2.373 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion:228 Resp: 94931

Ion	Ratio	Lower	Upper
228	100		
226	39.4	21.4	32.2#
229	22.1	14.7	22.1



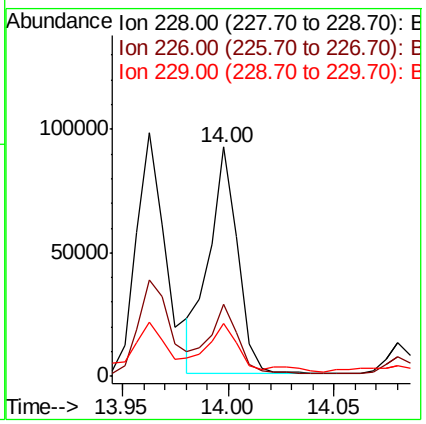


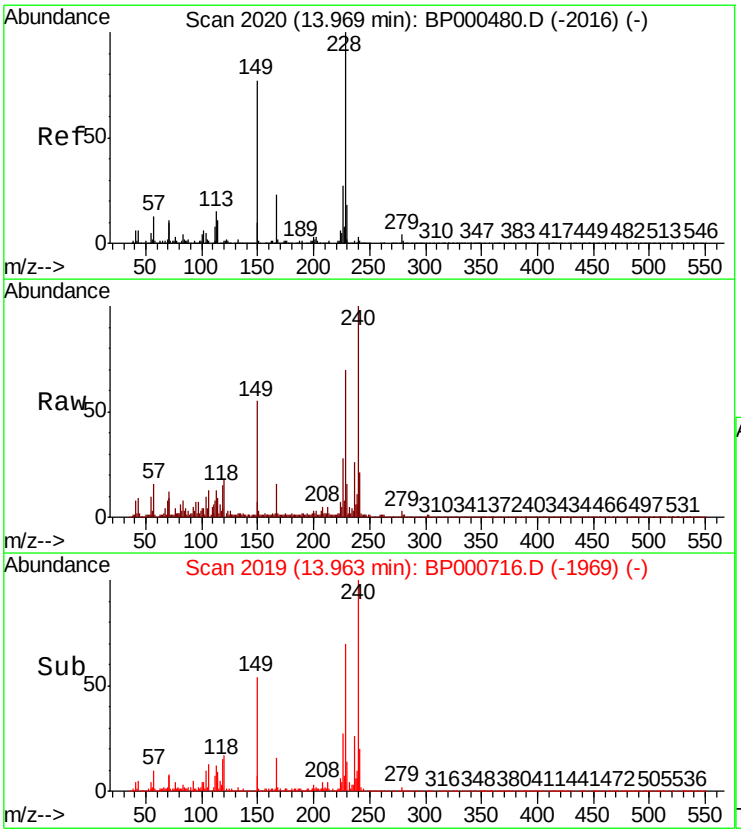
#83
Chrysene
Concen: 2.217 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 87050

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	23.4	16.3	24.5

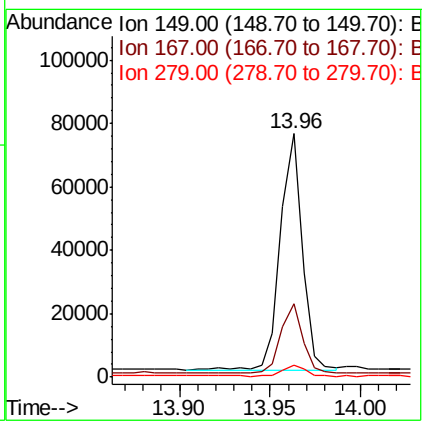


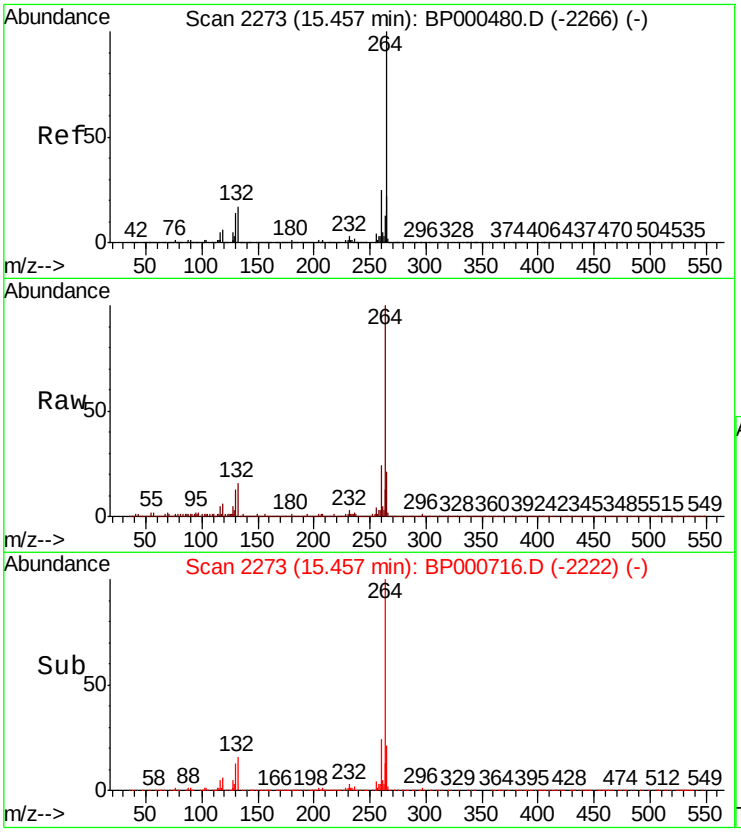


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.540 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion:149 Resp: 62962

Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.6	35.4
279	4.9	3.9	5.9



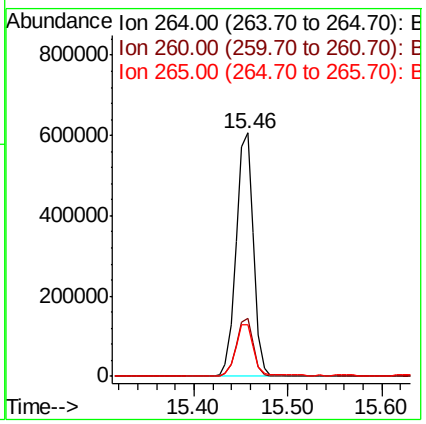


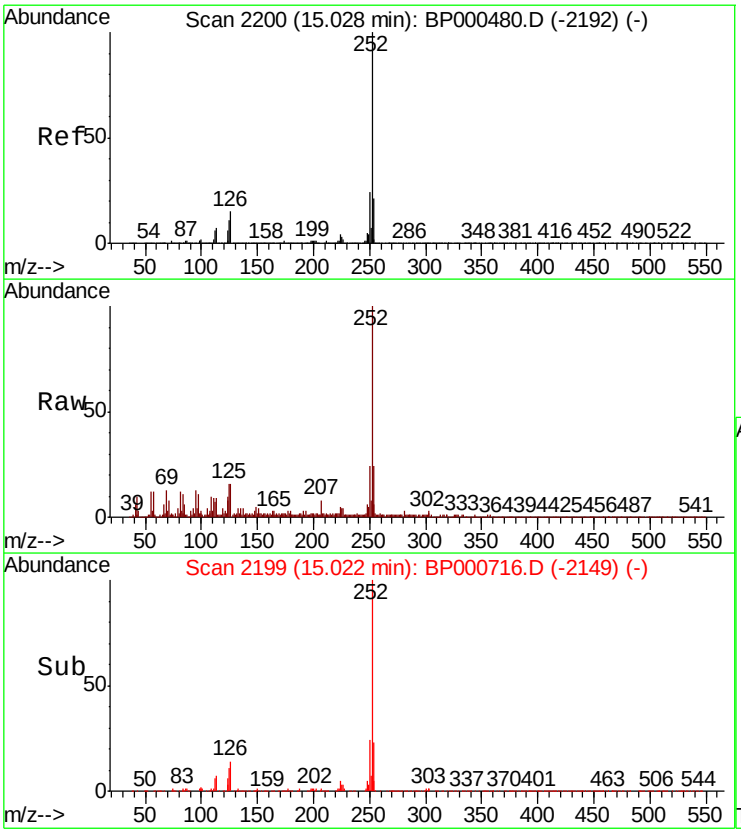
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 769218

Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.3	30.5
265	21.4	18.0	27.0

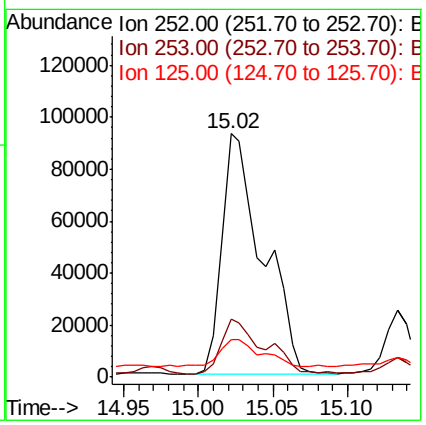


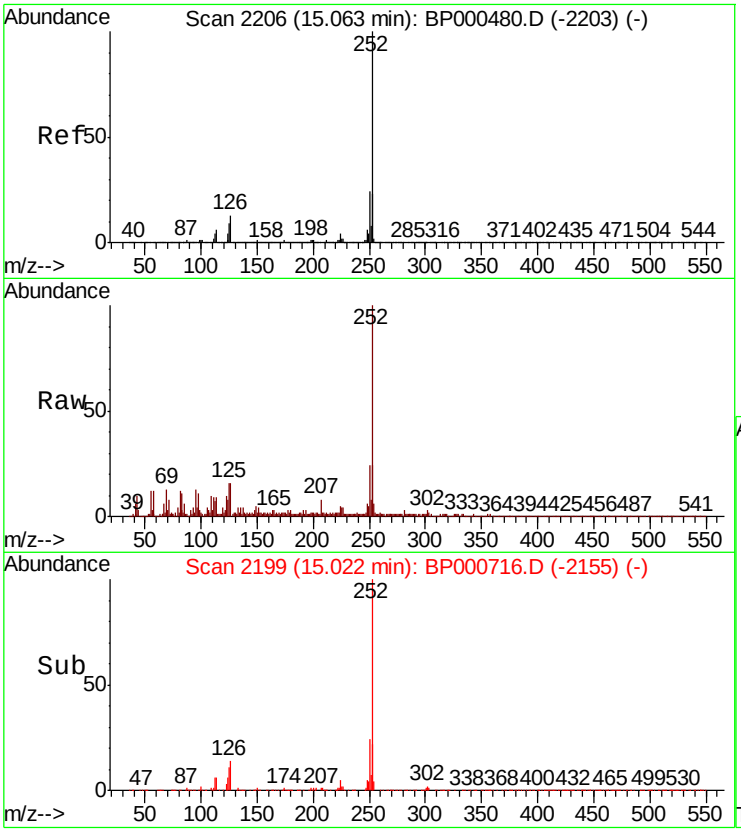


#88
Benzo(b)fluoranthene
Concen: 4.083 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion:252 Resp: 178182

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.4
125	15.5	8.9	13.3#



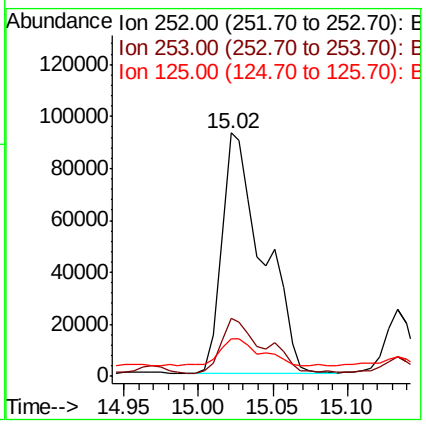


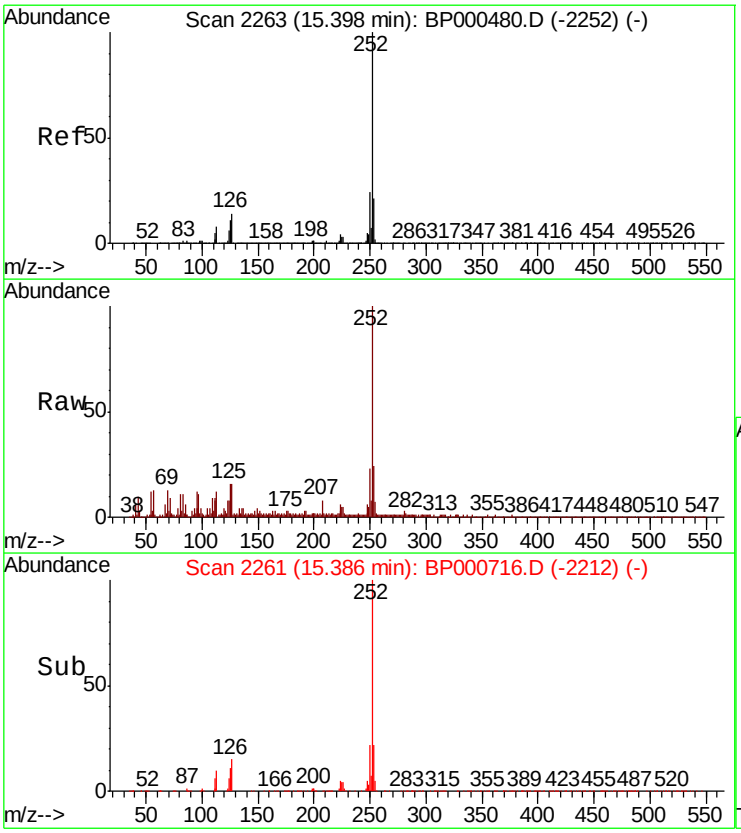
#89
Benzo(k)fluoranthene
Concen: 4.289 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 178182

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	15.5	7.8	11.8#





#90
Benzo(a)pyrene
Concen: 2.565 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP000716.D
Acq: 14 Oct 2019 17:31

Tgt Ion:252 Resp: 104327

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	15.5	8.4	12.6#