Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000516.D
Acq On : 04 Oct 2019 18:48
Operator : JU
Sample : K5192-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Oct 04 23:40:56 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	6.77	152	248637	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	902859	20.00	ng		0.00
39) Acenaphthene-d10	9.81	164	503439	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	919307	20.00	ng		0.00
76) Chrysene-d12	13.98	240	765595	20.00	ng		0.00
87) Perylene-d12	15.46	264	839148	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1238489	80.07	ng		0.00
7) Phenol-d6	6.41	99	1537825	82.50	ng		0.00
23) Nitrobenzene-d5	7.33	82	849945	57.50	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	494113	92.10	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	1947011	62.57	ng		0.00
79) Terphenyl-d14	12.92	244	2324491	61.47	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.42	94	52110	2.731	ng		90
19) n-Nitroso-di-n-propylamine	7.32	70	105192	12.244	ng	#	74
25) Isophorone	7.33	82	849635	32.384	ng	#	61
41) Hexachlorocyclopentadiene	9.02	237	31	7.301	ng		77
50) Dimethylphthalate	9.53	163	384260	10.985	ng		100
57) 2,4-Dinitrotoluene	9.81	165	65122	6.438	ng	#	32
67) 4-Bromophenyl-phenylether	10.60	248	34064	3.292	ng	#	1
71) Phenanthrene	11.33	178	228404	4.947	ng		99
75) Fluoranthene	12.53	202	533125	10.281	ng		99
78) Pyrene	12.76	202	487892	9.240	ng		98
81) Benzo(a)anthracene	13.97	228	226208	4.843	ng		95
83) Chrysene	14.00	228	226863	4.948	ng		98
88) Benzo(b)fluoranthene	15.03	252	423731	8.901	ng		98
89) Benzo(k)fluoranthene	15.03	252	423731	9.349	ng		99
90) Benzo(a)pyrene	15.39	252	226614	5.106	ng		97
92) Benzo(g,h,i)perylene	17.36	276	162903	3.725	ng		97

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

Quantitation Report (Not Reviewed)

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Acq On : 04 Oct 2019 18:48
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
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Quant Time: Oct 04 23:40:56 2019
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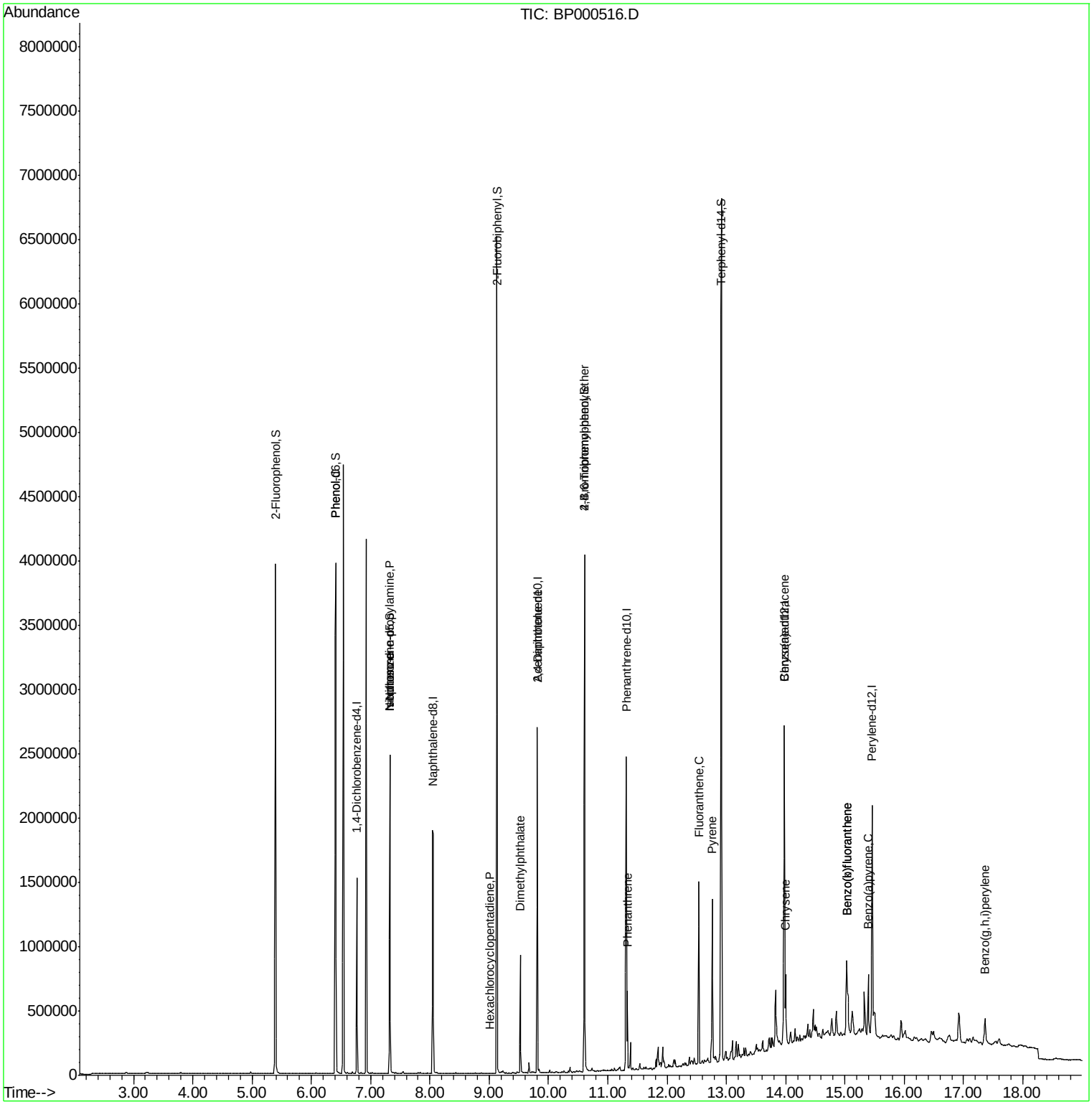
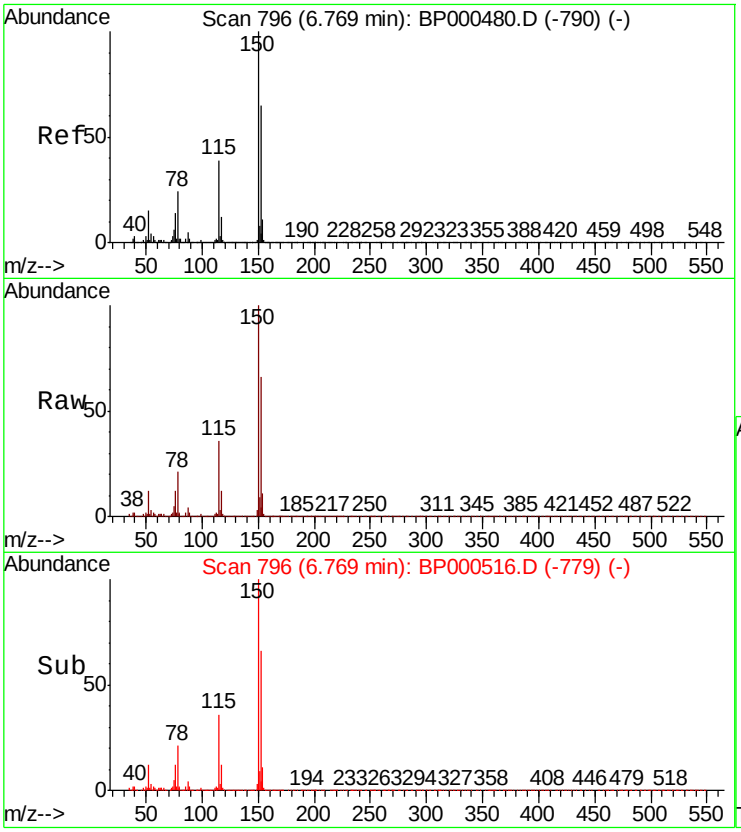
Response via : Initial Calibration



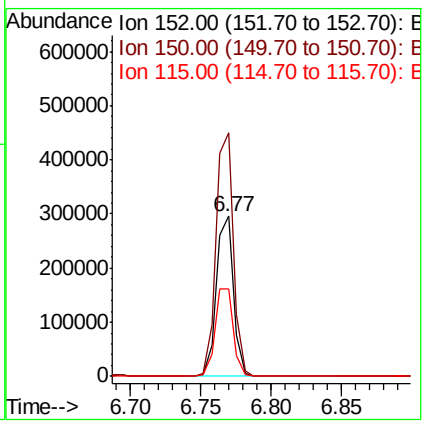


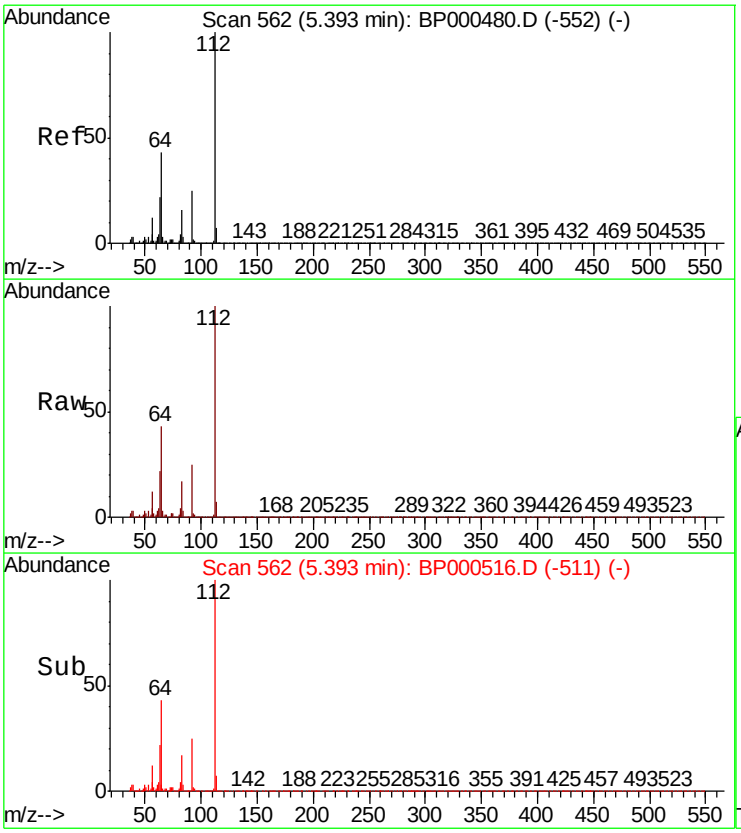
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 248637

Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.1	186.1
115	54.5	48.7	73.1

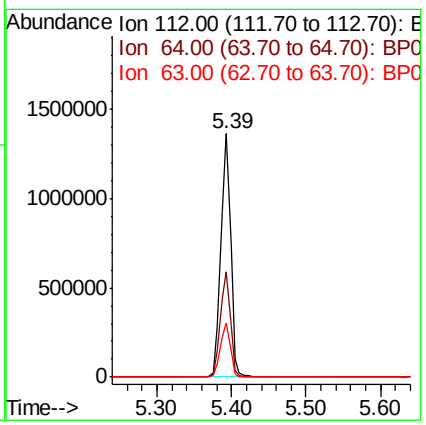


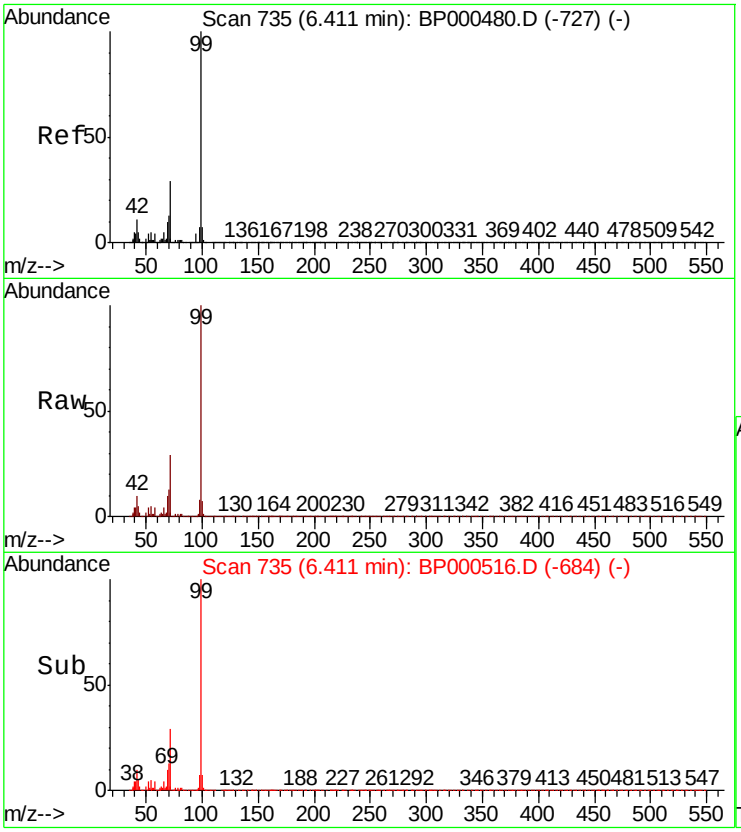


#5
2-Fluorophenol
Concen: 80.069 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Tgt Ion:112 Resp: 1238489

Ion	Ratio	Lower	Upper
112	100		
64	43.2	34.2	51.4
63	22.4	17.9	26.9



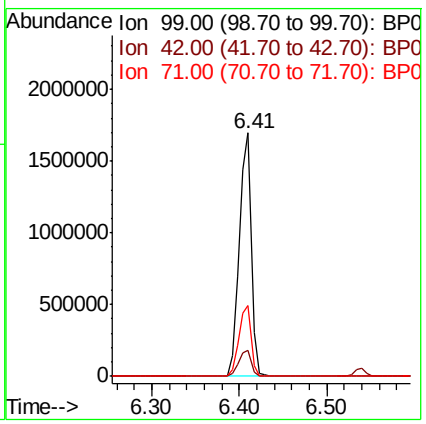


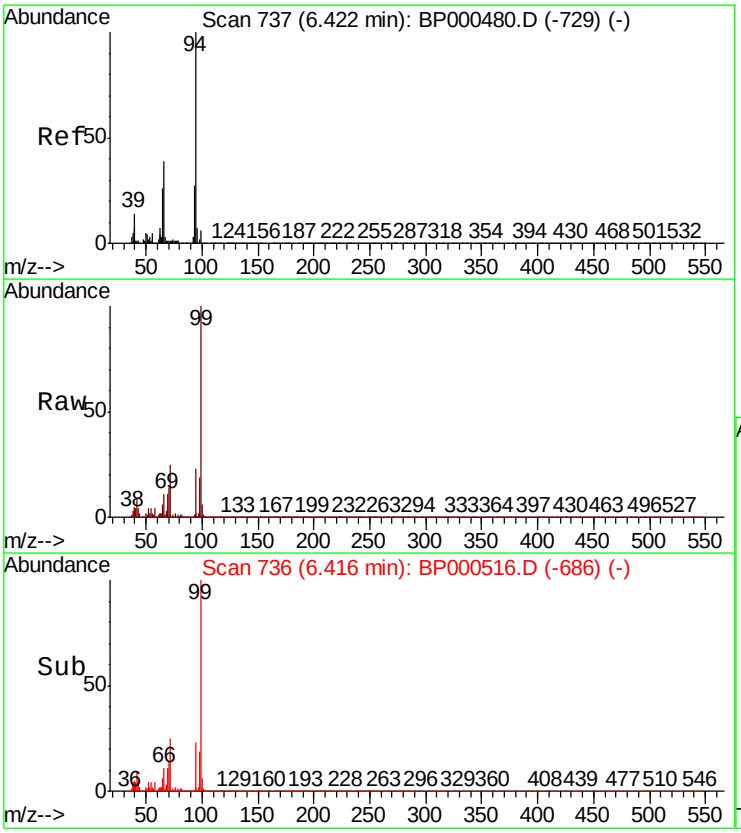
#7
Phenol-d6
Concen: 82.504 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1537825

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.6	12.8
71	29.3	23.0	34.4

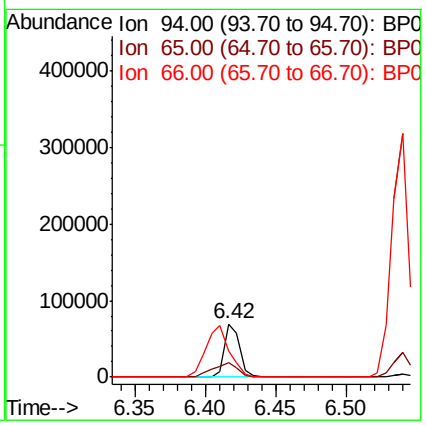


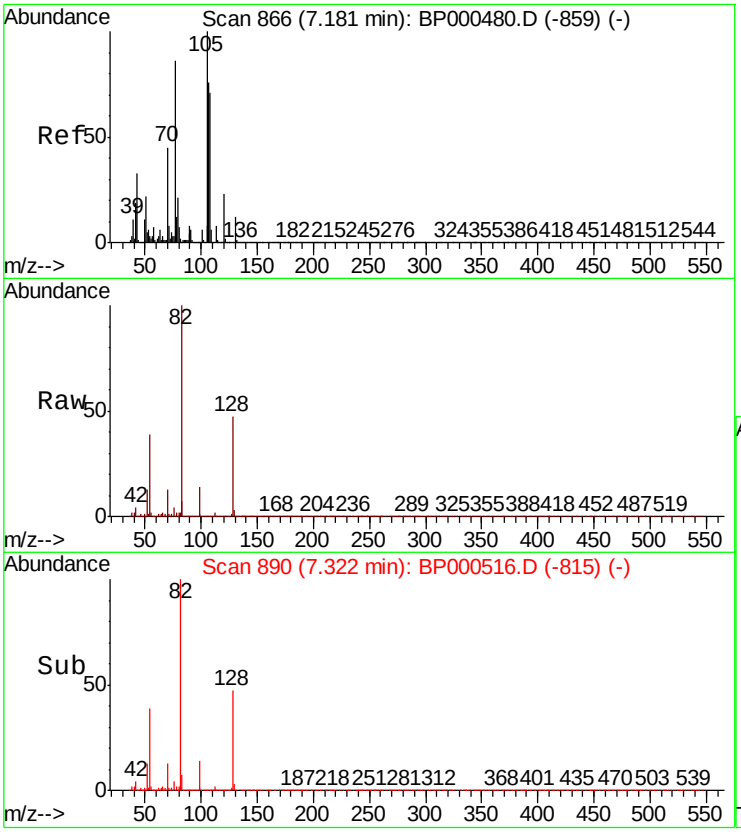


#10
Phenol
Concen: 2.731 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Tgt Ion: 94 Resp: 52110

Ion	Ratio	Lower	Upper
94	100		
65	26.5	5.9	45.9
66	48.5	18.8	58.8



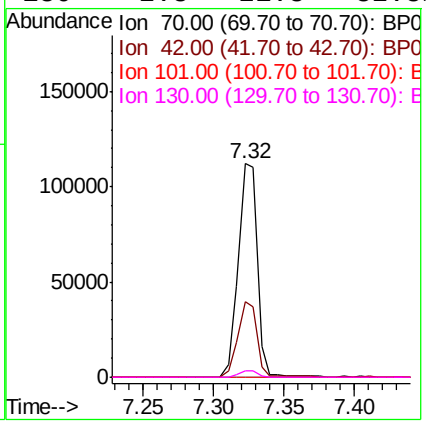


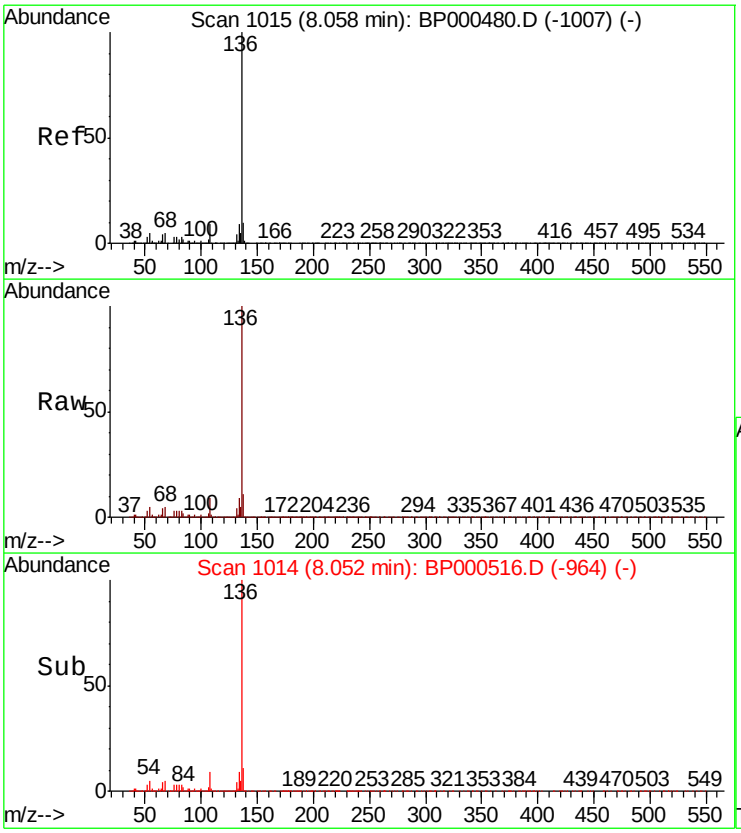
#19
n-Nitroso-di-n-propylamine
Concen: 12.244 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.14 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 105192

Ion	Ratio	Lower	Upper
70	100		
42	35.1	33.2	49.8
101	0.0	9.9	14.9#
130	2.8	21.8	32.8#

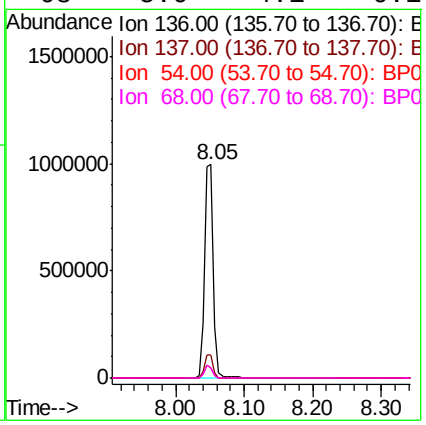


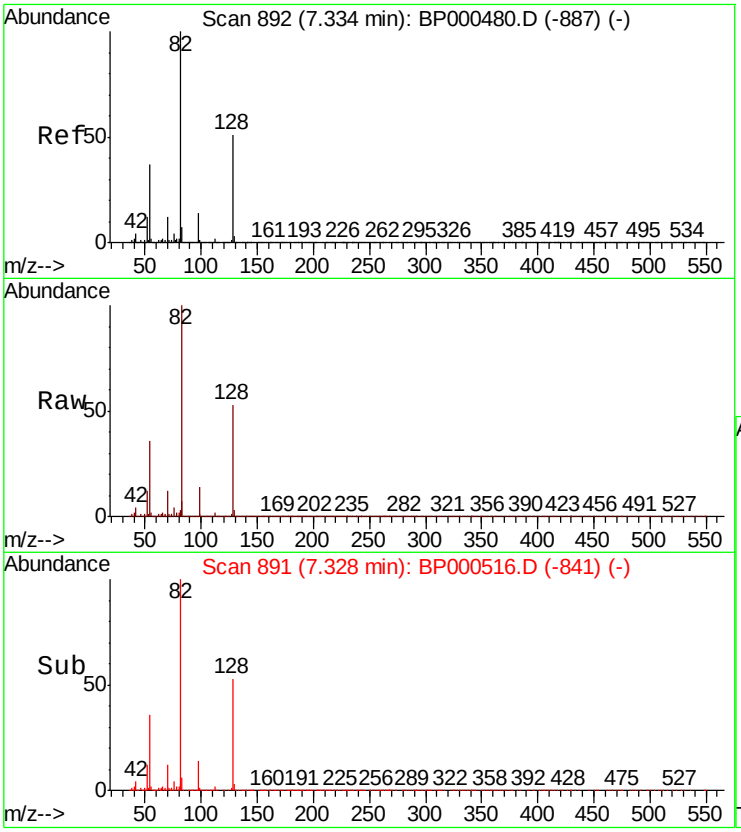


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Tgt Ion:136 Resp: 902859

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	5.0	4.1	6.1
68	5.0	4.1	6.1



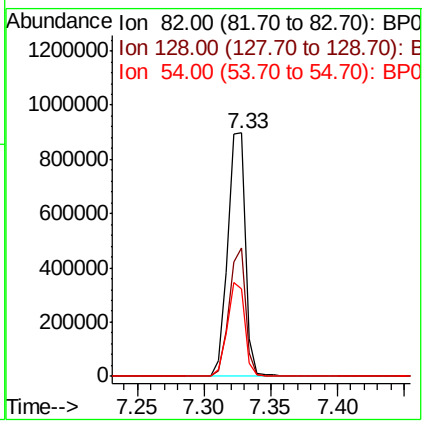


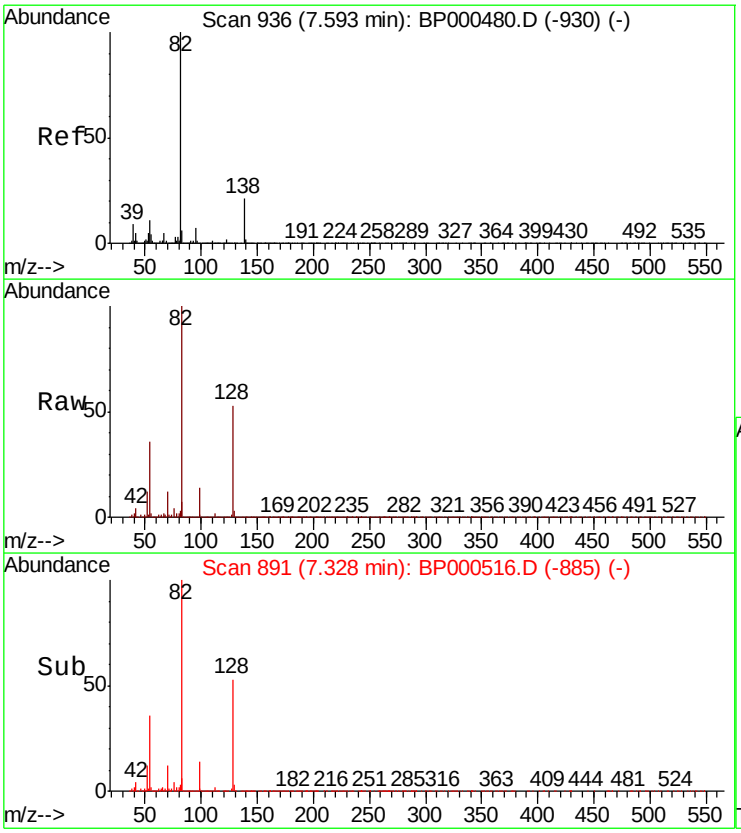
#23
Nitrobenzene-d5
Concen: 57.496 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 849945

Ion	Ratio	Lower	Upper
82	100		
128	52.7	40.9	61.3
54	36.0	29.4	44.2

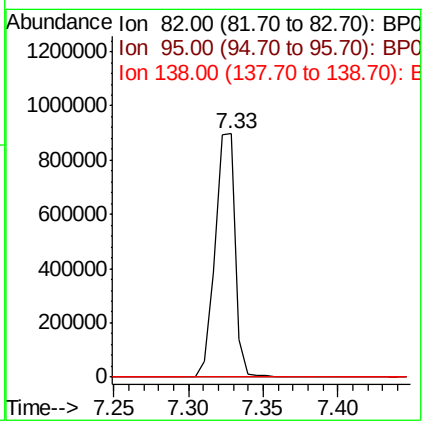


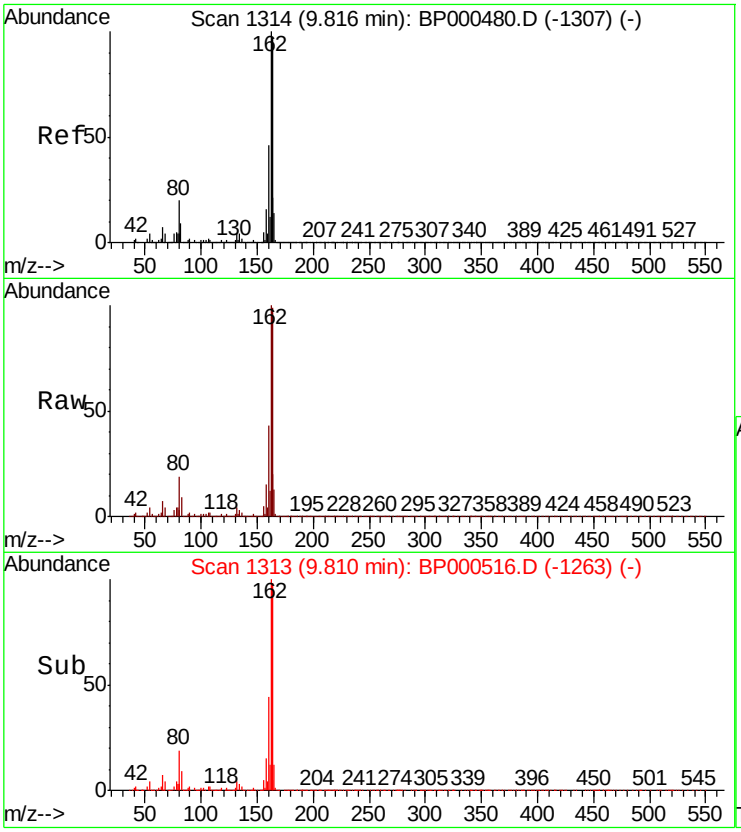


#25
Isophorone
Concen: 32.384 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.26 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Tgt Ion: 82 Resp: 849635

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



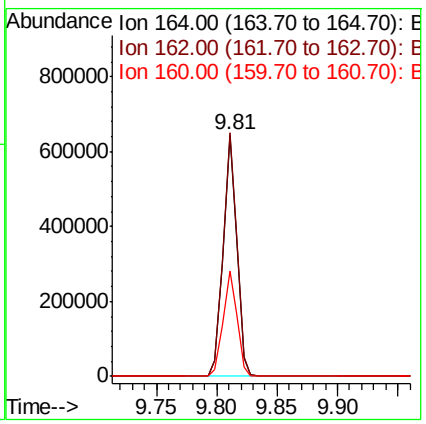


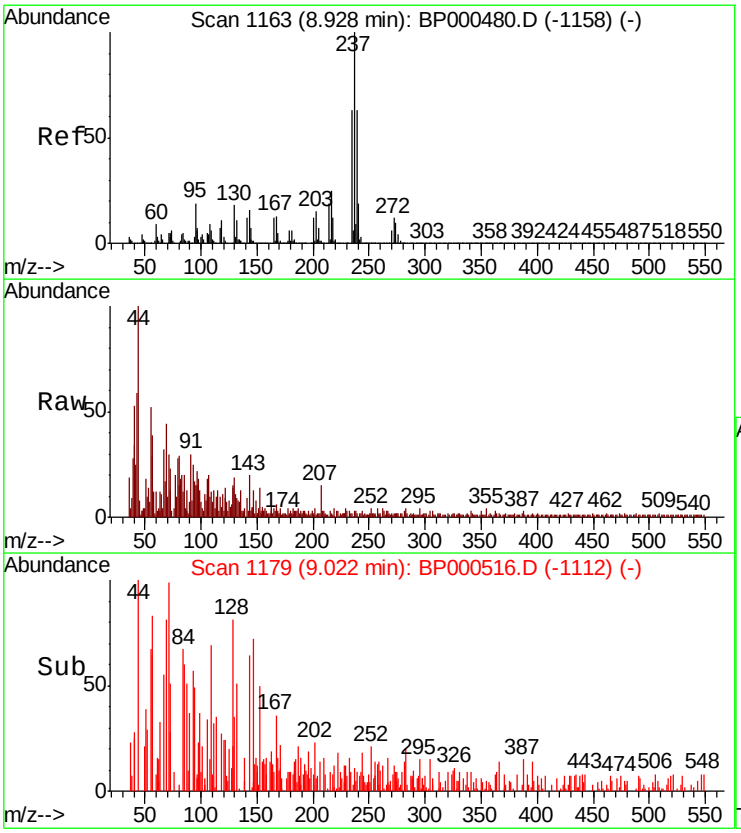
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 503439

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.2	123.2
160	43.8	37.6	56.4

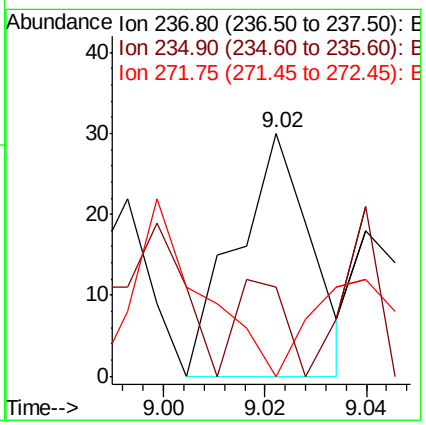


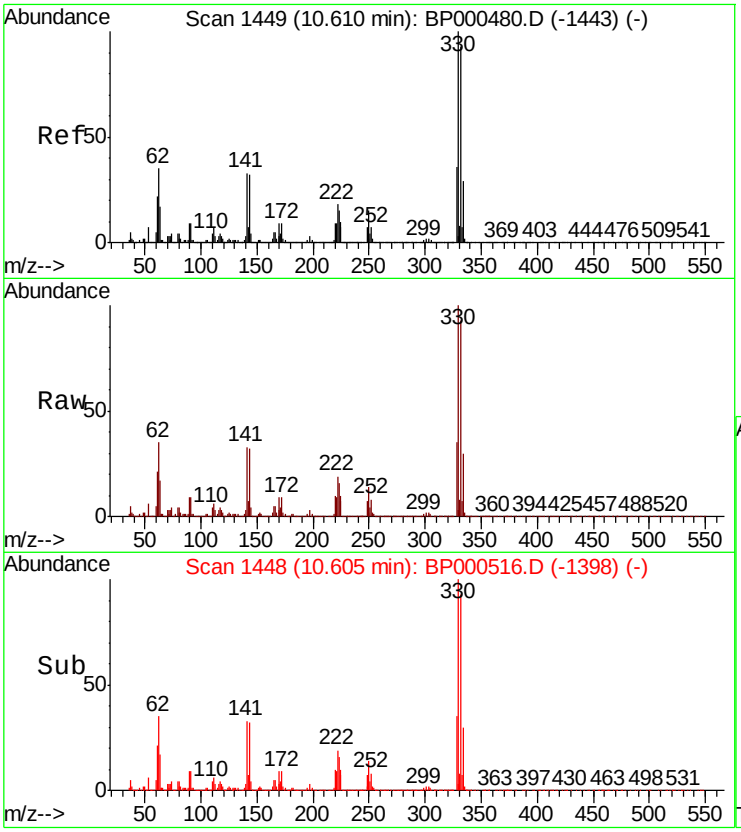


#41
Hexachlorocyclopentadiene
Concen: 7.301 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.09 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Tgt Ion:237 Resp: 31

Ion	Ratio	Lower	Upper
237	100		
235	46.7	42.9	82.9
272	0.0	0.0	32.4



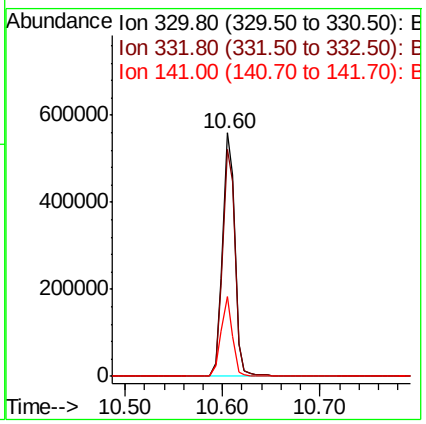


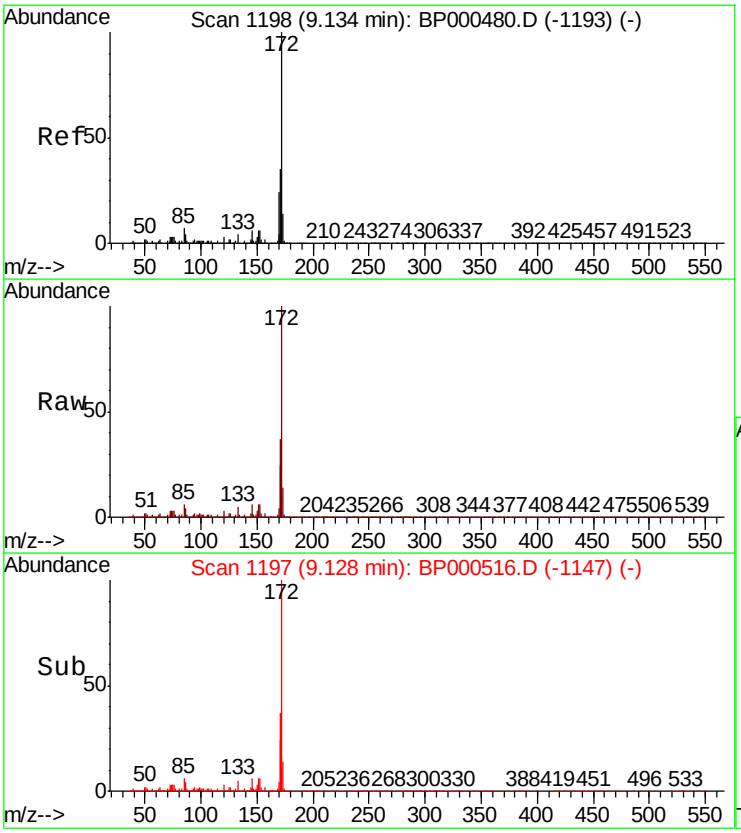
#42
2,4,6-Tribromophenol
Concen: 92.104 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 494113

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.1	115.7
141	30.6	26.0	39.0

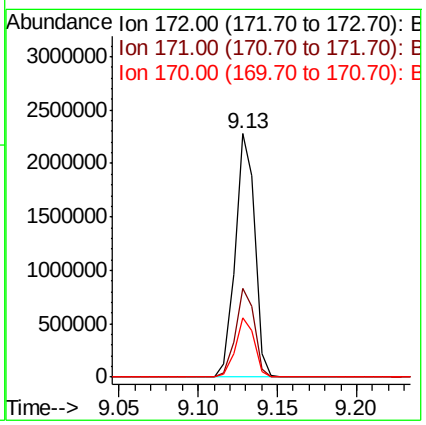


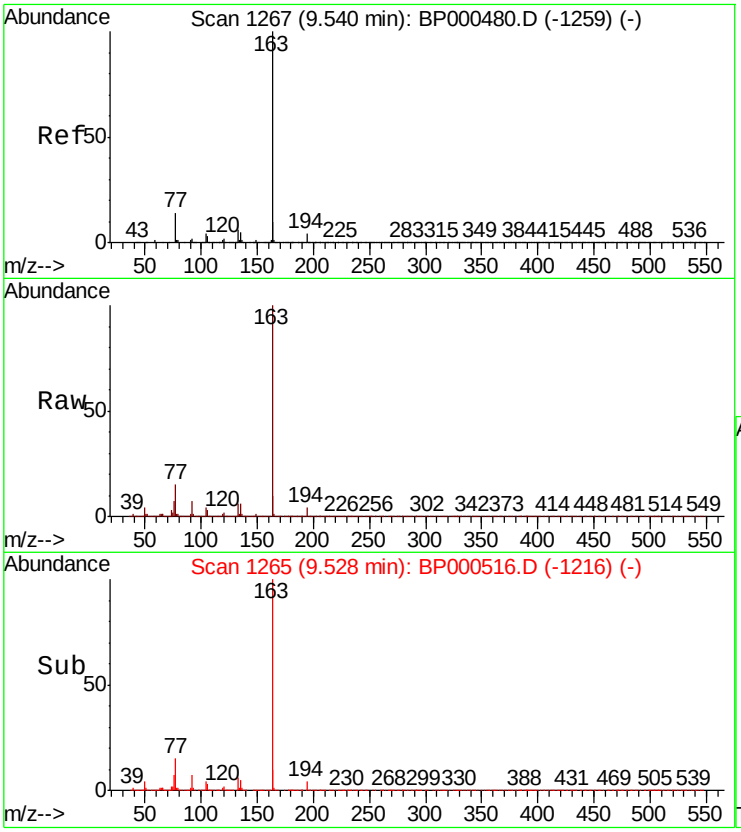


#45
2-Fluorobiphenyl
Concen: 62.575 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Tgt Ion:172 Resp: 1947011

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.4	42.6
170	24.3	19.1	28.7



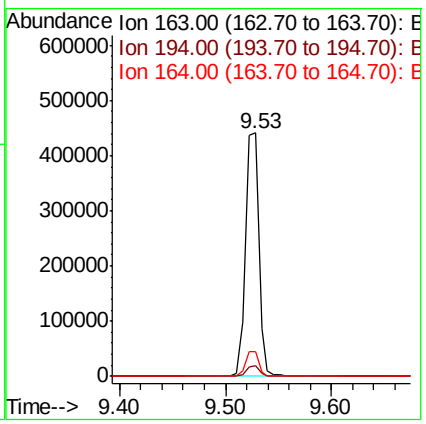


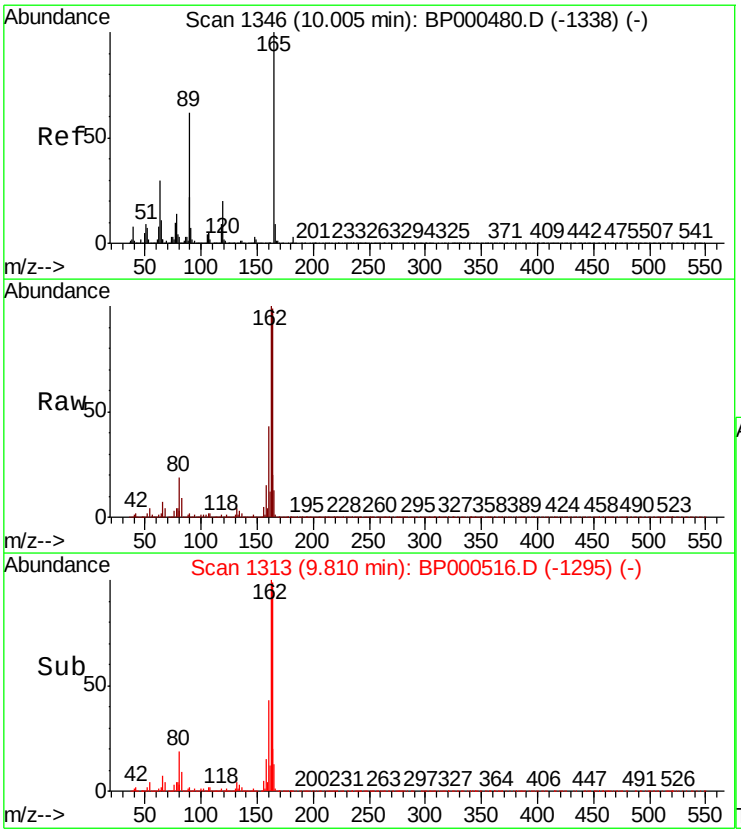
#50
Dimethylphthalate
Concen: 10.985 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 384260

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.2	8.0	12.0

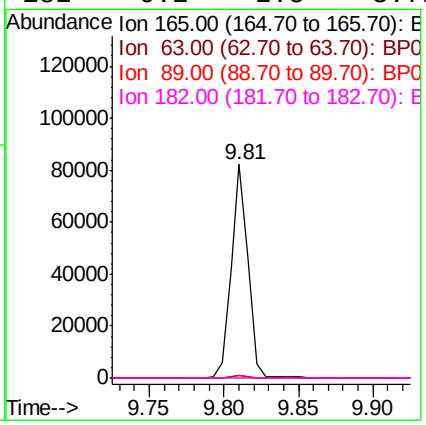


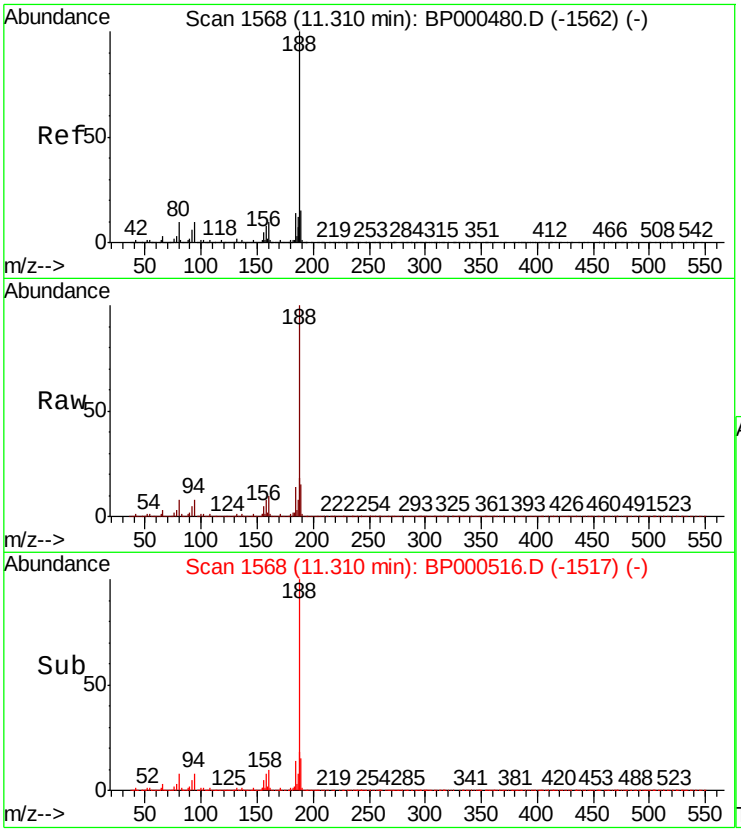


#57
2,4-Dinitrotoluene
Concen: 6.438 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Tgt Ion:165 Resp: 65122

Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.2	36.4#
89	1.4	49.4	74.0#
182	0.2	2.5	3.7#



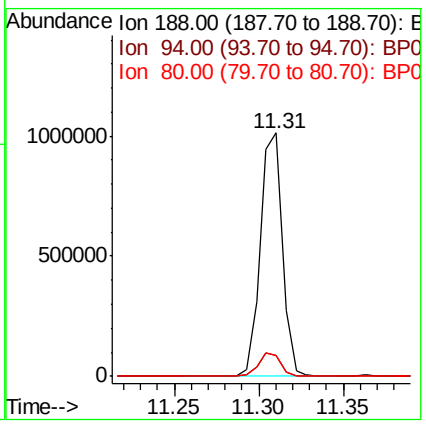


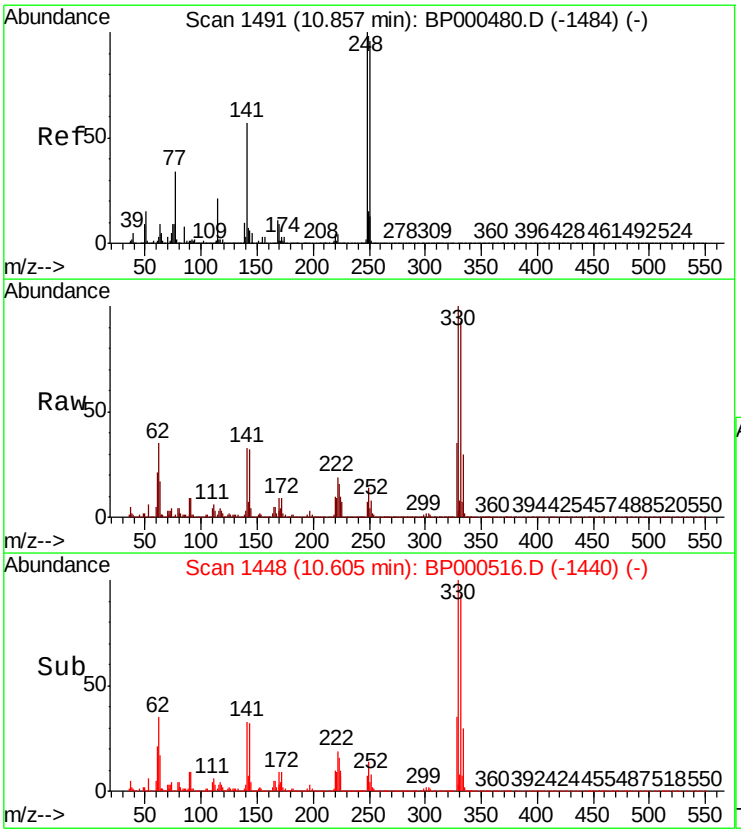
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 919307

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.2
80	8.4	8.3	12.5

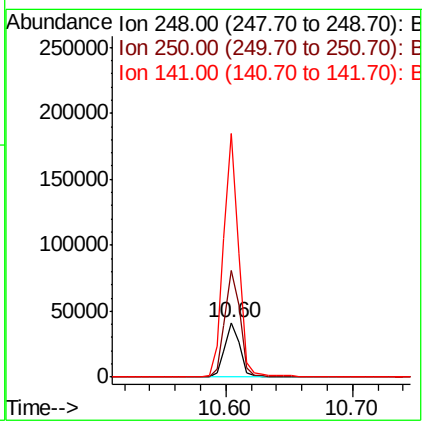


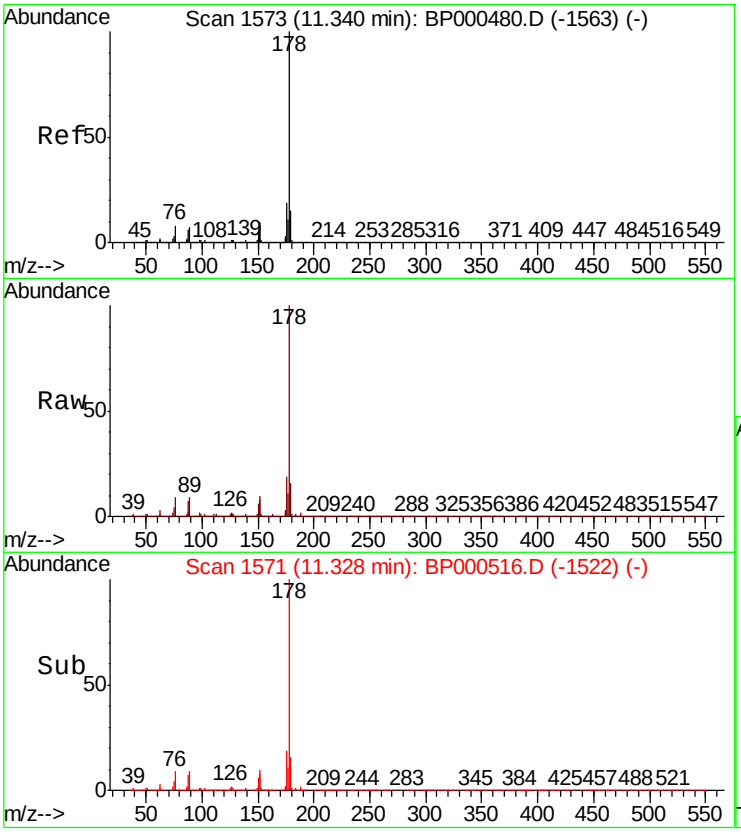


#67
4-Bromophenyl-phenylether
Concen: 3.292 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Tgt Ion:248 Resp: 34064

Ion	Ratio	Lower	Upper
248	100		
250	196.6	77.2	115.8#
141	448.8	45.3	67.9#



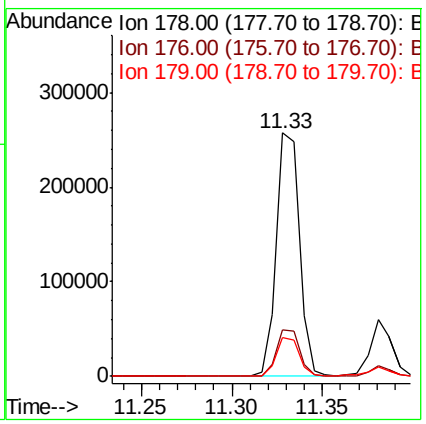


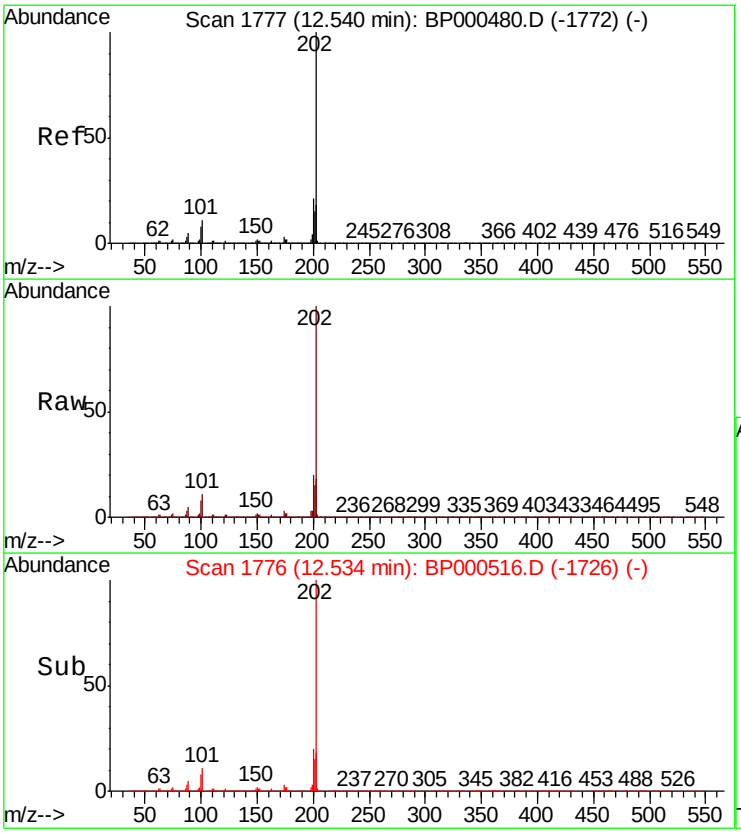
#71
Phenanthrene
Concen: 4.947 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 228404

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	16.1	12.2	18.4

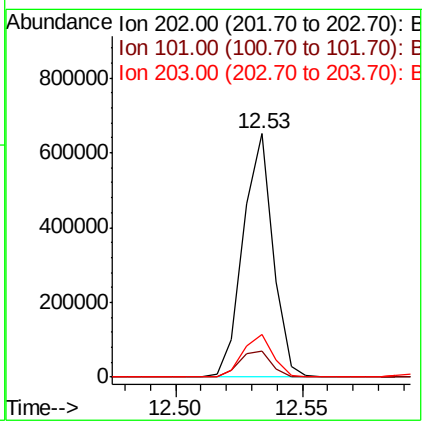


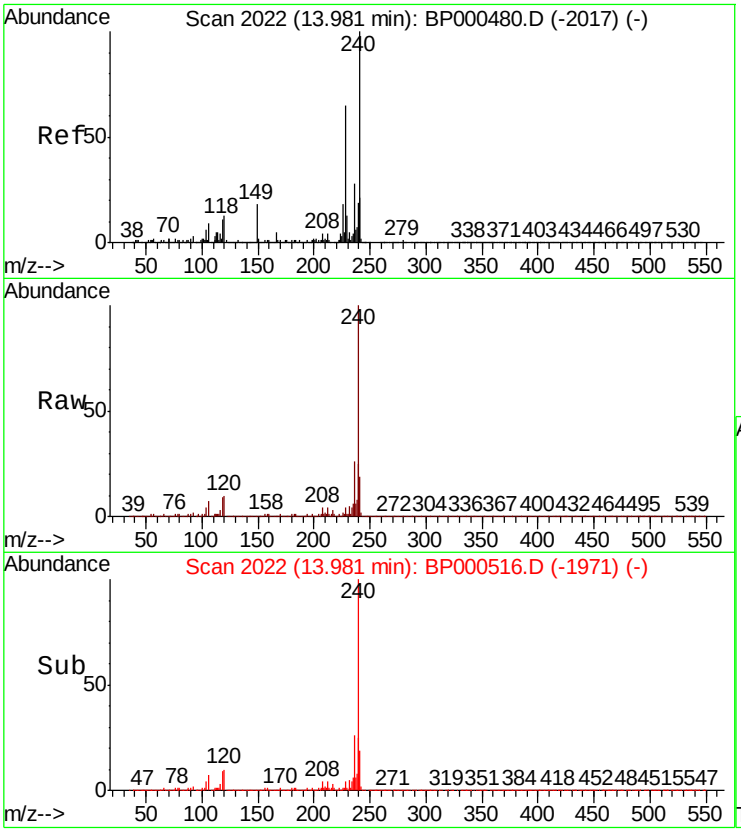


#75
Fluoranthene
Concen: 10.281 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Tgt Ion:202 Resp: 533125

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.3
203	17.6	0.0	38.1



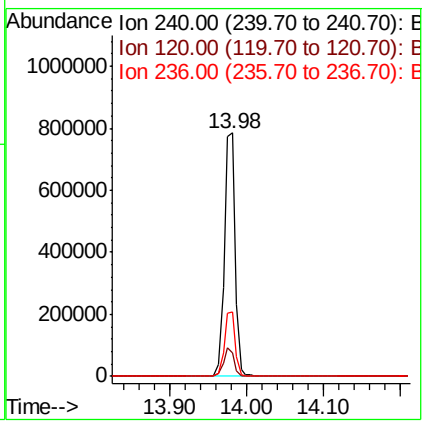


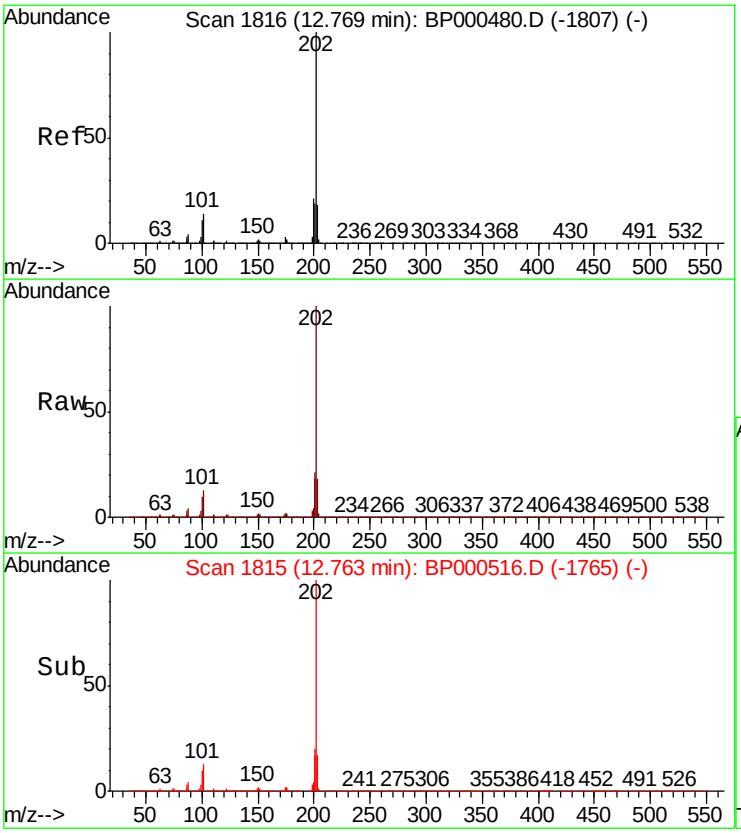
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 765595

Ion	Ratio	Lower	Upper
240	100		
120	9.6	10.1	15.1#
236	26.4	22.7	34.1

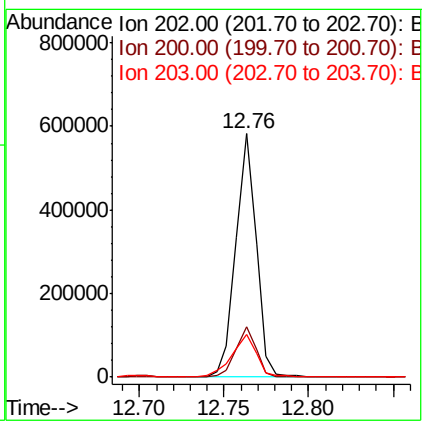


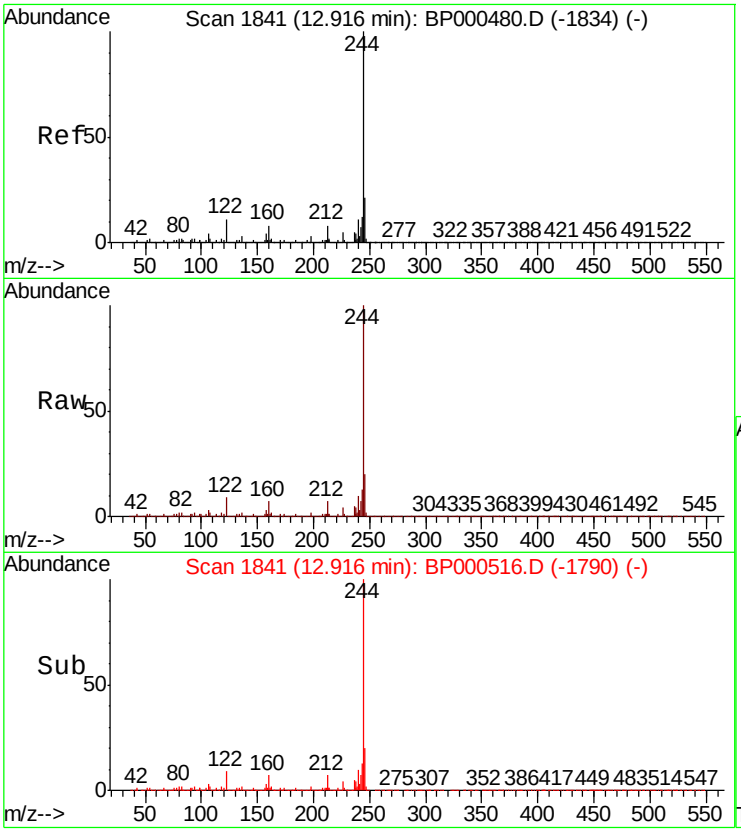


#78
Pyrene
Concen: 9.240 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Tgt Ion:202 Resp: 487892

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.1	25.7
203	17.6	14.6	21.8



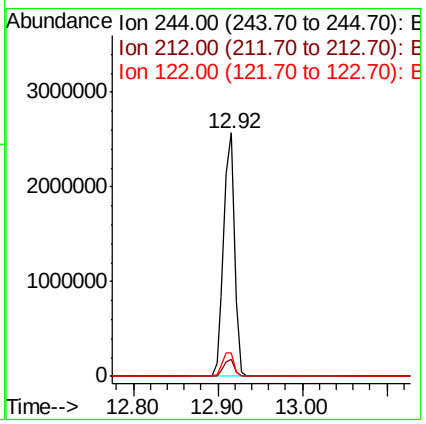


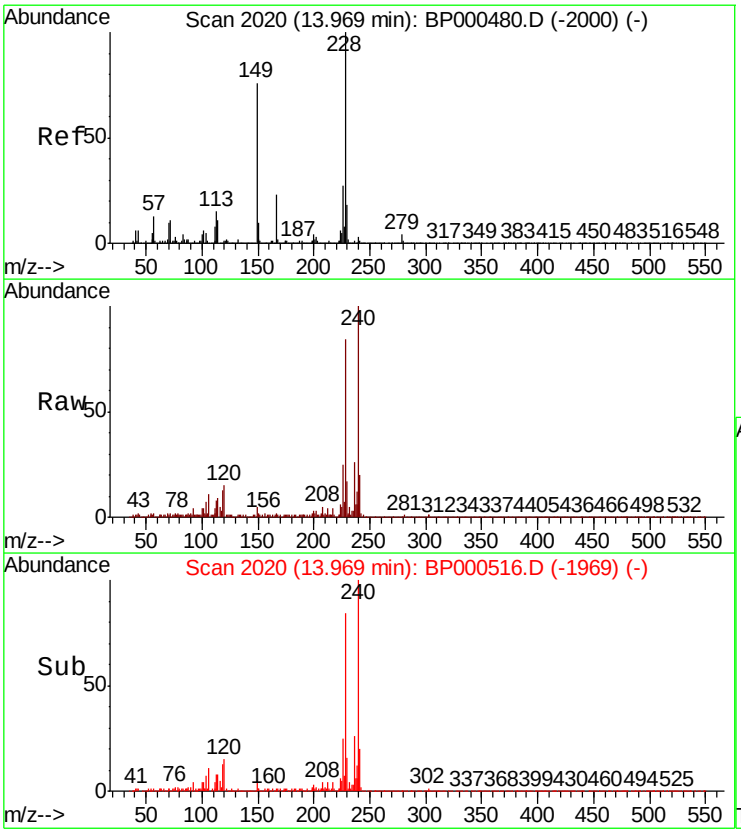
#79
Terphenyl-d14
Concen: 61.475 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 2324491

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	9.4	8.9	13.3

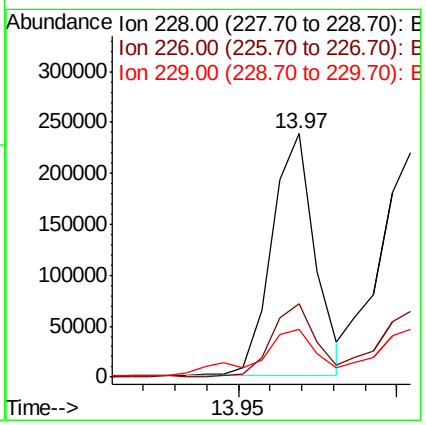


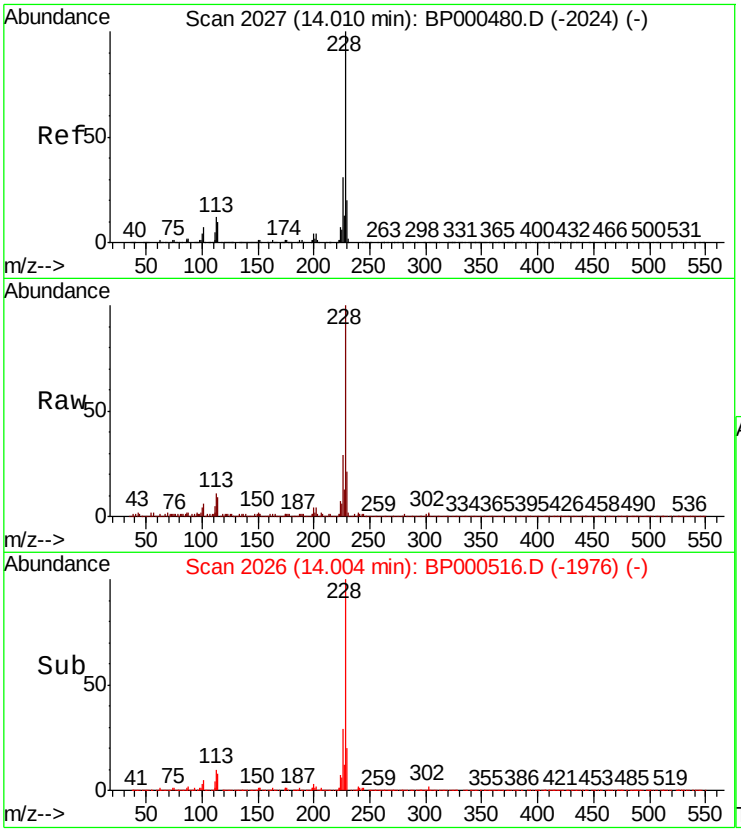


#81
Benzo(a)anthracene
Concen: 4.843 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Tgt Ion:228 Resp: 226208

Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.4	32.2
229	19.7	14.7	22.1



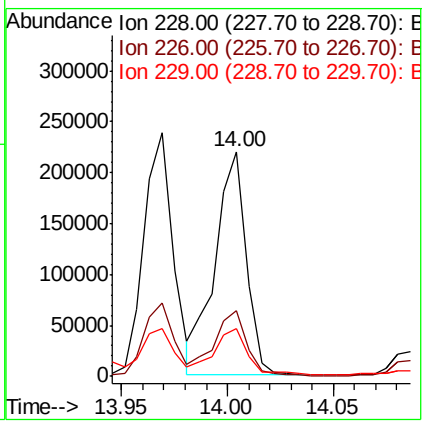


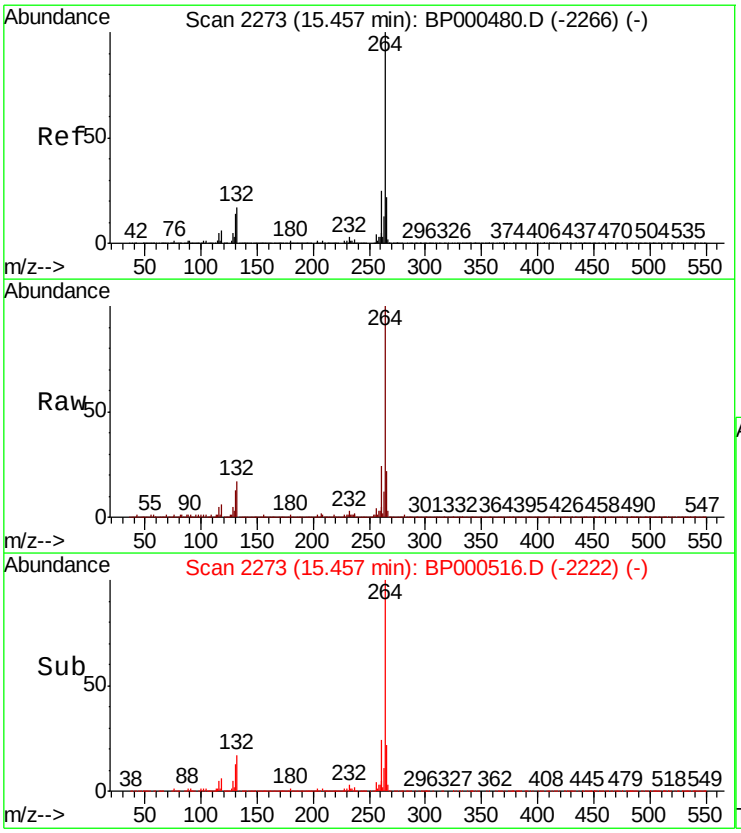
#83
Chrysene
Concen: 4.948 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 226863

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.7	37.1
229	21.2	16.3	24.5

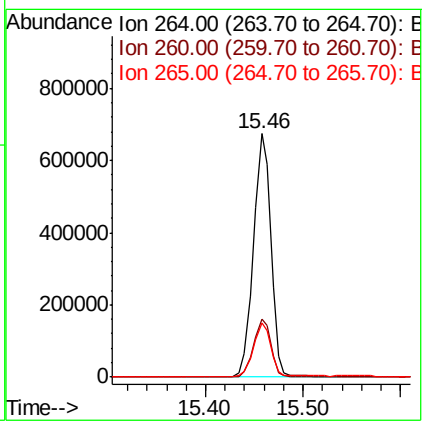


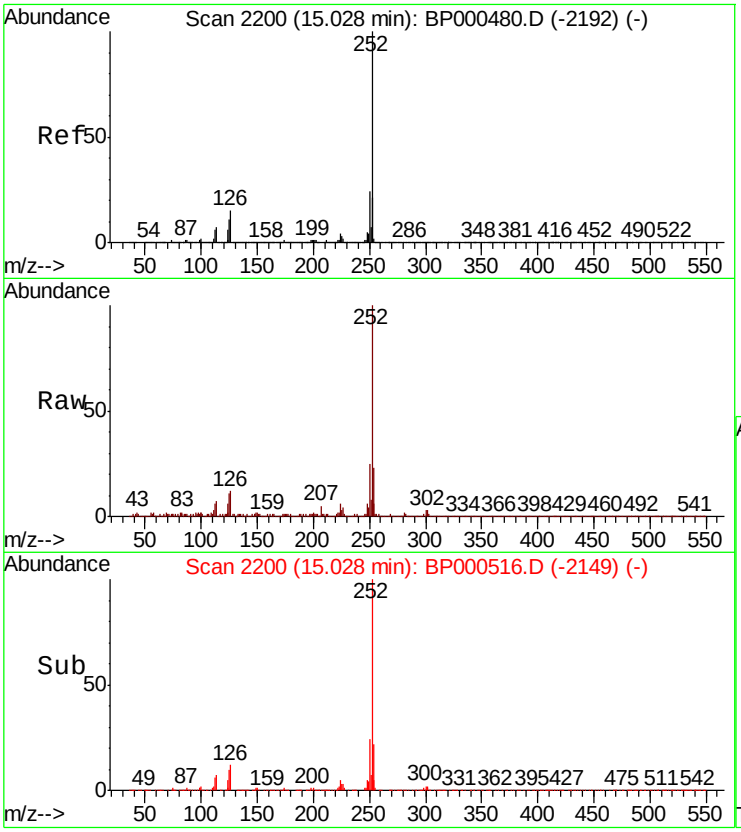


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Tgt Ion:264 Resp: 839148

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.3	30.5
265	22.1	18.0	27.0



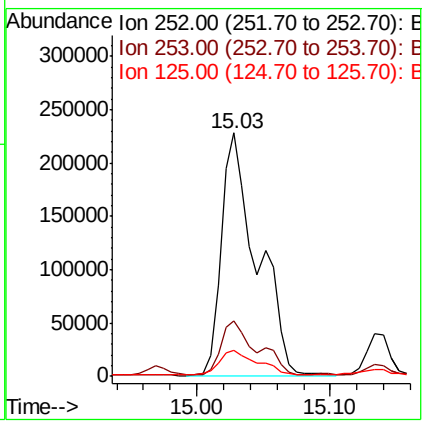


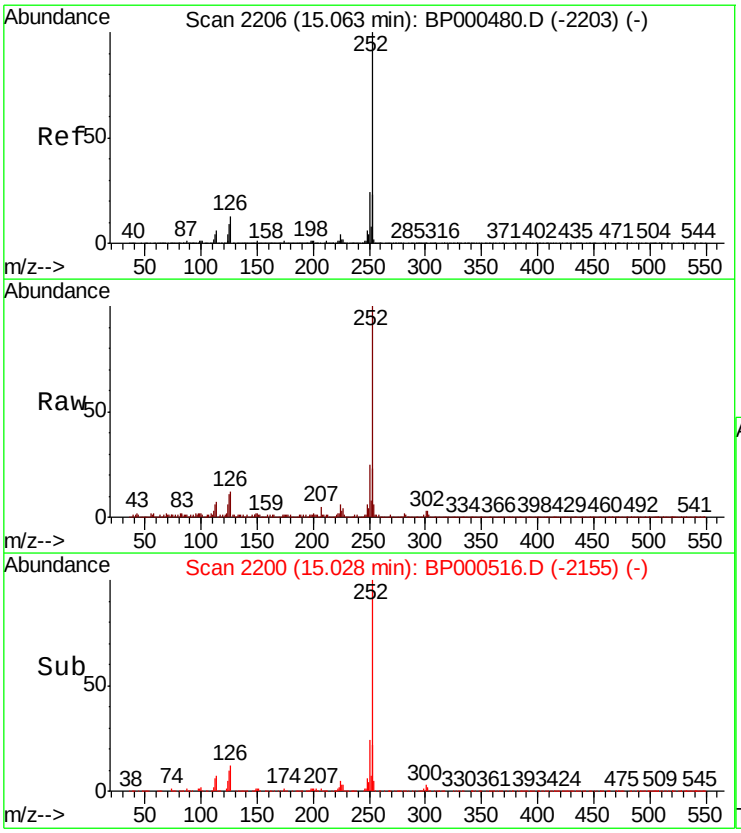
#88
Benzo(b)fluoranthene
Concen: 8.901 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 423731

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.4
125	10.7	8.9	13.3

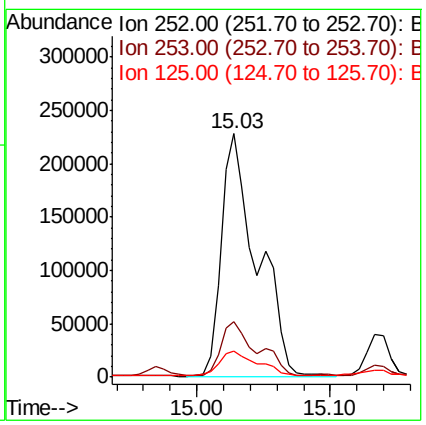


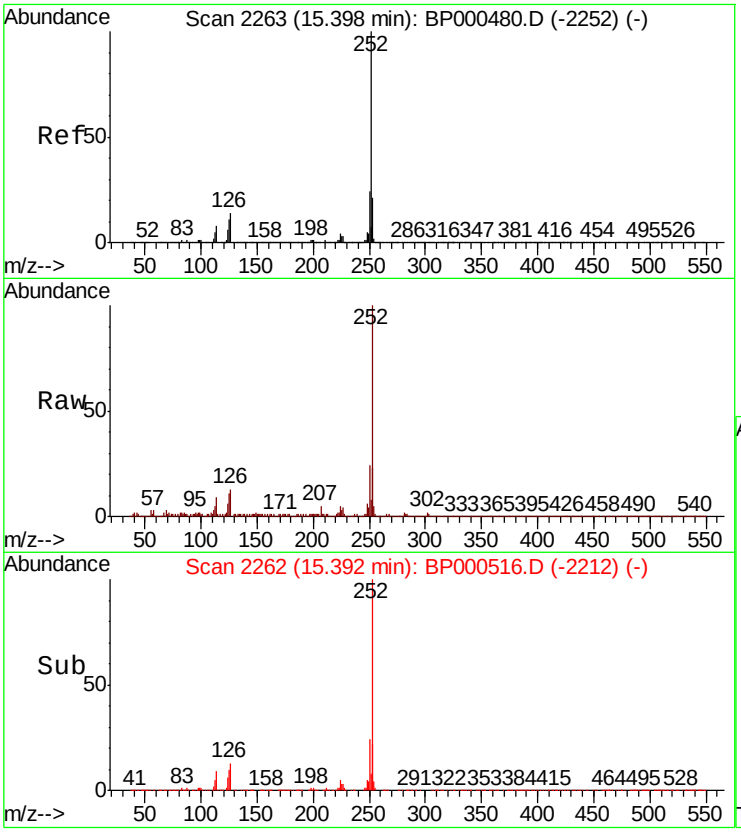


#89
Benzo(k)fluoranthene
Concen: 9.349 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Tgt Ion:252 Resp: 423731

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	10.7	7.8	11.8



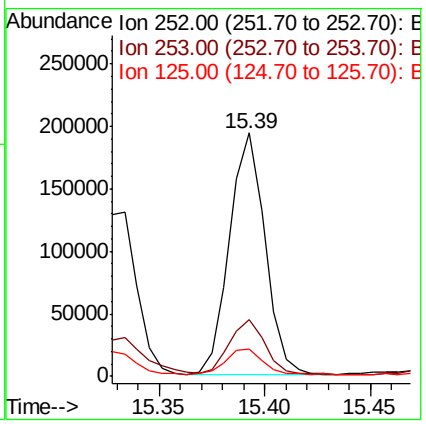


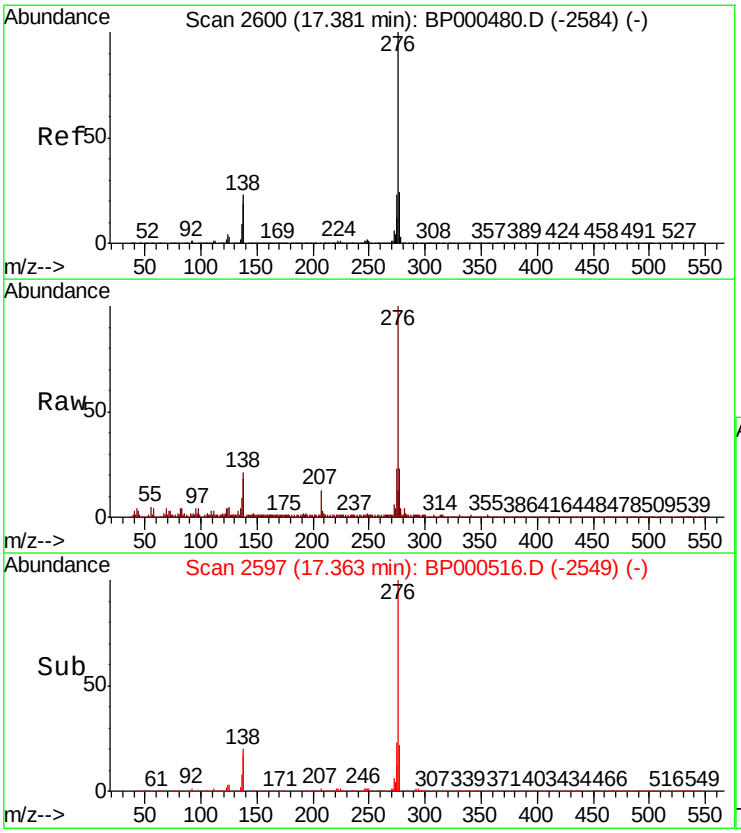
#90
Benzo(a)pyrene
Concen: 5.106 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 226614

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	11.1	8.4	12.6





#92
Benzo(g,h,i)perylene
Concen: 3.725 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.02 min
Lab File: BP000516.D
Acq: 04 Oct 2019 18:48

Tgt Ion:276 Resp: 162903

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.2
138	20.9	18.5	27.7