Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100319\
Data File : BP000500.D
Acq On : 03 Oct 2019 17:09
Operator : JU
Sample : K5131-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190825-COMPOSITE-A

Quant Time: Oct 04 01:29:50 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	257510	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	881097	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	268820	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	520956	20.00	ng		0.00
76) Chrysene-d12	13.98	240	463827	20.00	ng		0.00
87) Perylene-d12	15.46	264	503256	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1601378	99.96	ng		0.01
7) Phenol-d6	6.41	99	1810762	93.80	ng		0.00
23) Nitrobenzene-d5	7.33	82	1256381	87.09	ng		0.00
42) 2,4,6-Tribromophenol	10.61	330	519274	181.27	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	2520252	151.69	ng		0.00
79) Terphenyl-d14	12.92	244	2135484	93.22	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	154623	17.377	ng	#	74
25) Isophorone	7.33	82	1256216	49.063	ng	#	61
27) 2,4-Dimethylphenol	7.79	122	31223	2.784	ng	#	5
32) Benzoic acid	7.79	122	31223	4.409	ng		100
41) Hexachlorocyclopentadiene	8.92	237	16	7.301	ng		83
50) Dimethylphthalate	9.53	163	139389	7.462	ng		99
57) 2,4-Dinitrotoluene	9.82	165	35452	6.564	ng	#	32
67) 4-Bromophenyl-phenylether	10.61	248	34511	5.885	ng	#	1
77) Benzidine	12.92	184	29372	2.187	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100319\
Data File : BP000500.D
Acq On : 03 Oct 2019 17:09
Operator : JU
Sample : K5131-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Quant Time: Oct 04 01:29:50 2019
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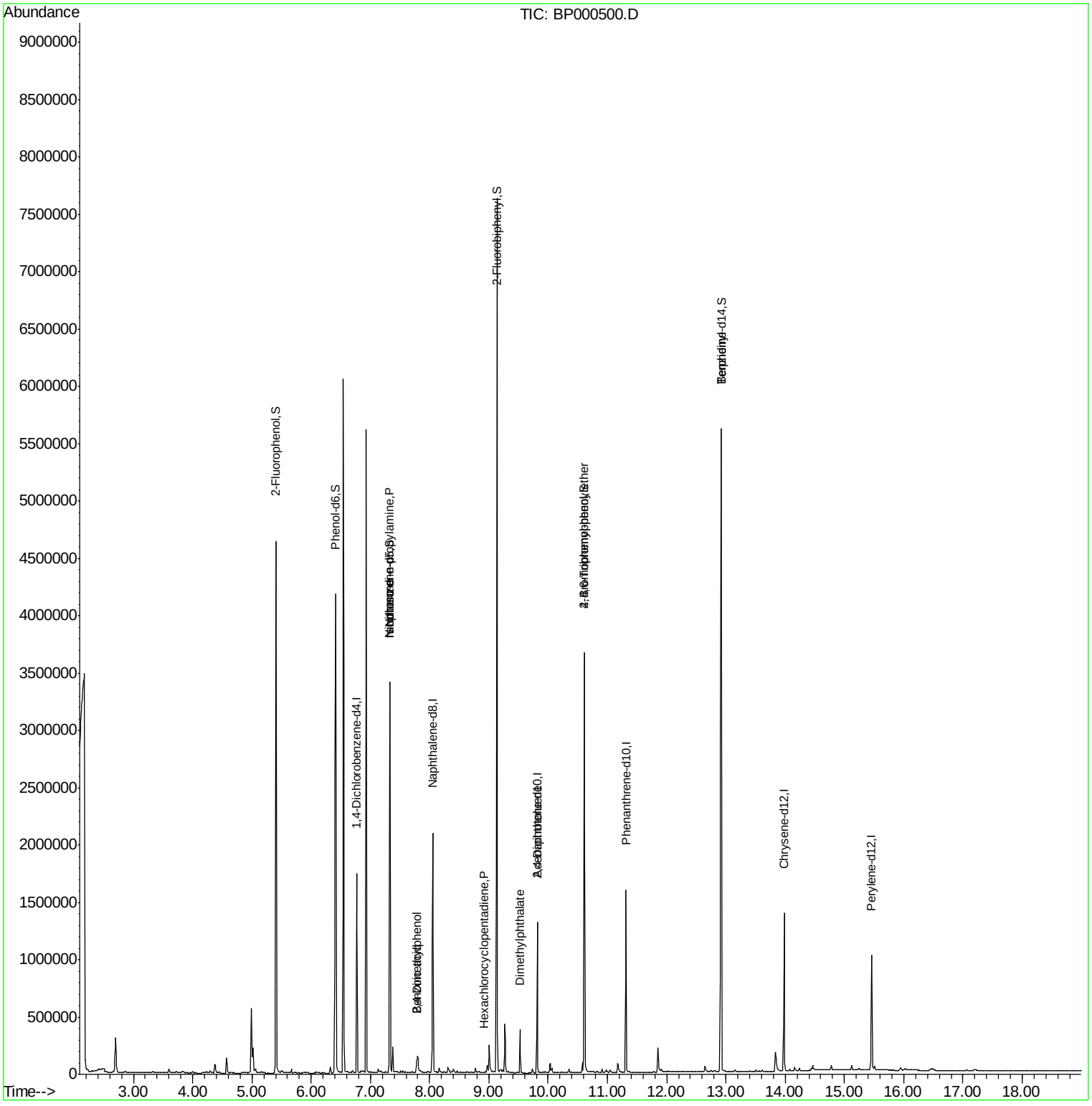
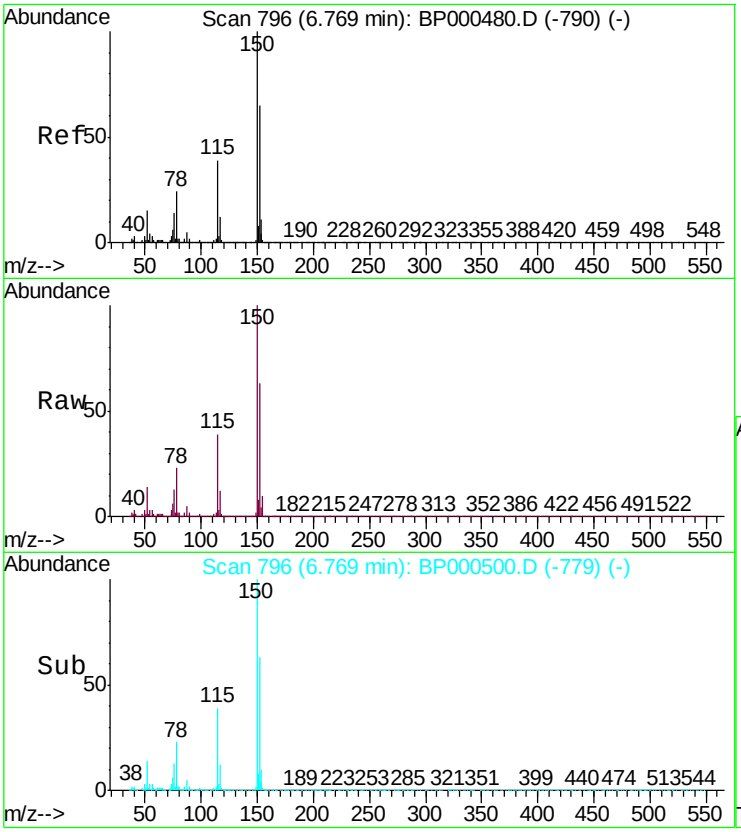
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration



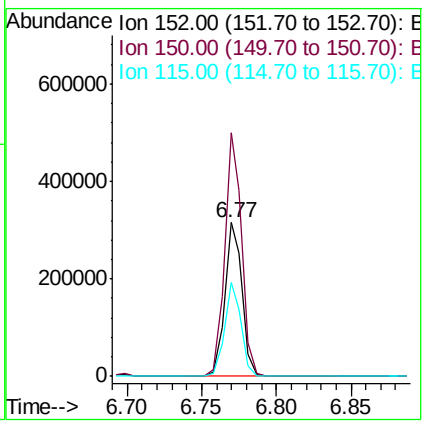


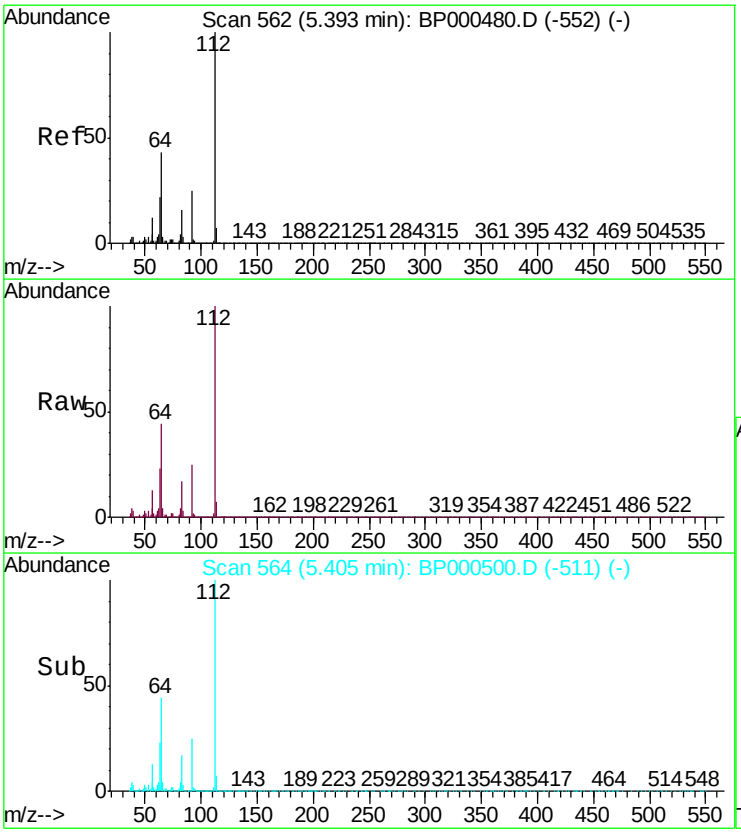
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tgt Ion:152 Resp: 257510

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.1	186.1
115	60.9	48.7	73.1

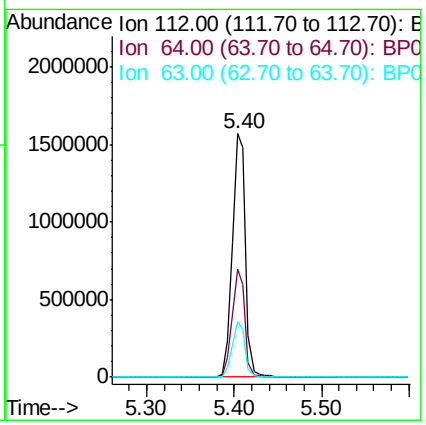


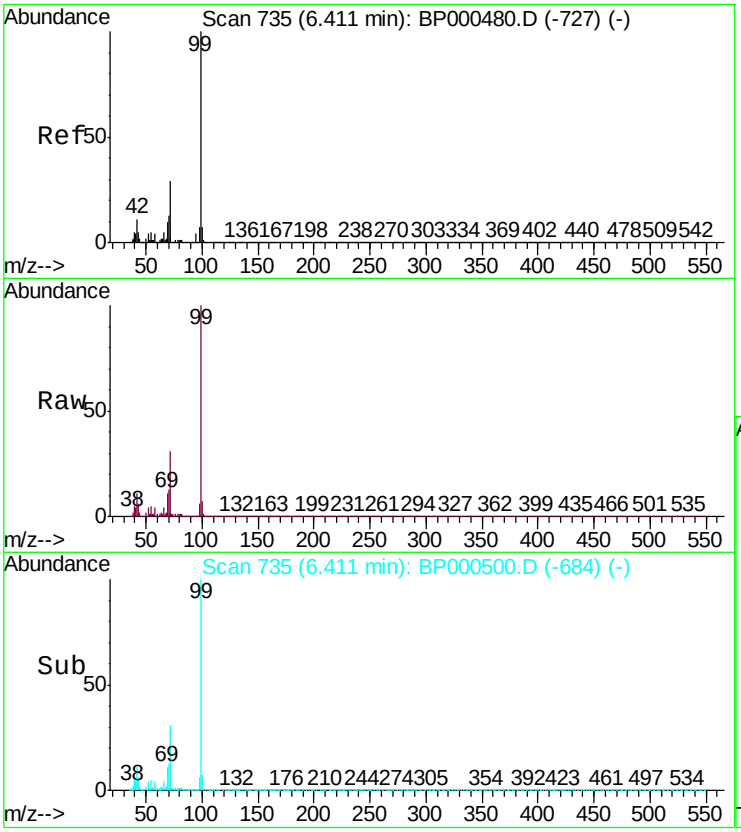


#5
2-Fluorophenol
Concen: 99.962 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Tgt Ion:112 Resp: 1601378

Ion	Ratio	Lower	Upper
112	100		
64	44.2	34.2	51.4
63	22.9	17.9	26.9



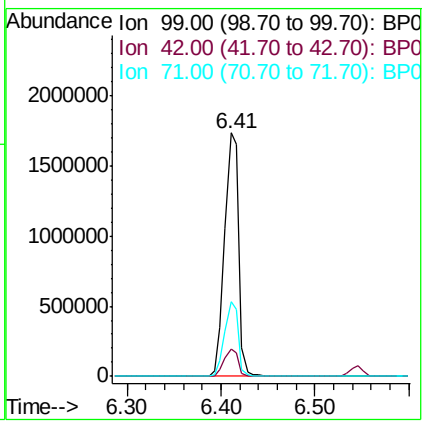


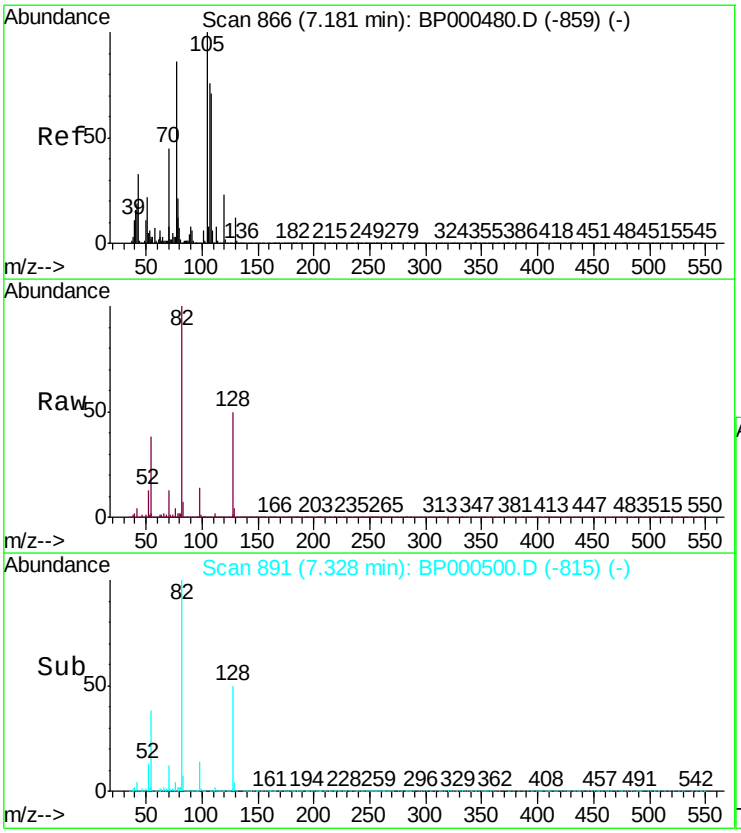
#7
Phenol-d6
Concen: 93.799 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tgt Ion: 99 Resp: 1810762

Ion	Ratio	Lower	Upper
99	100		
42	11.4	8.6	12.8
71	30.6	23.0	34.4

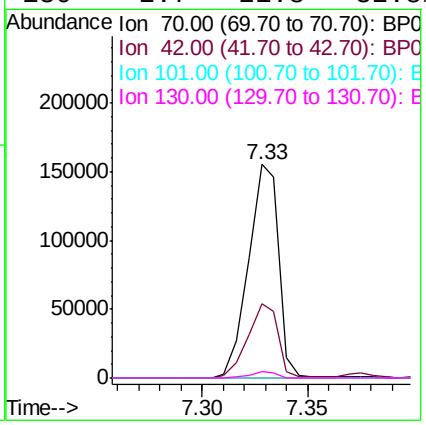


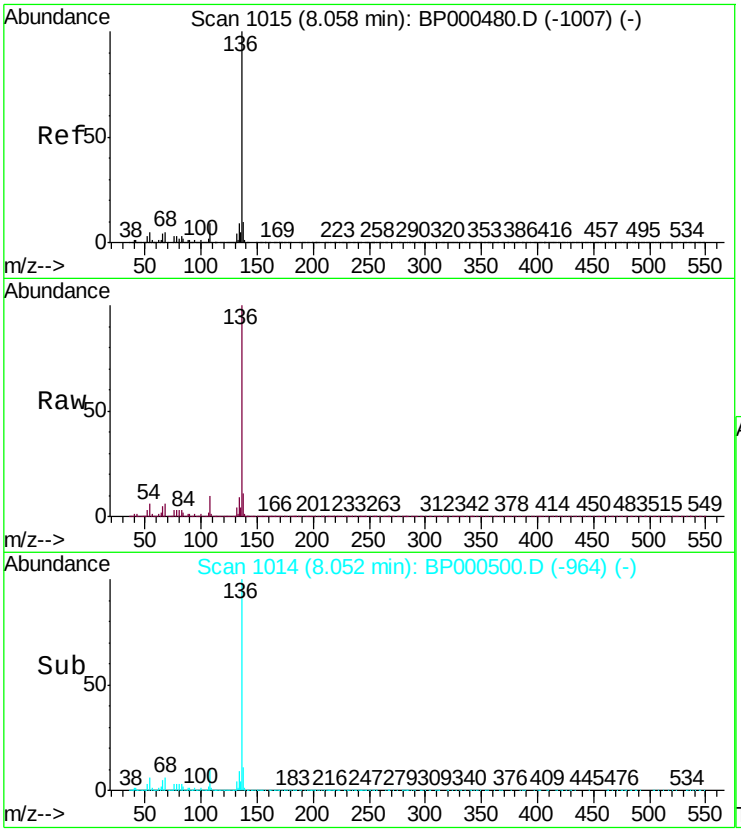


#19
n-Nitroso-di-n-propylamine
Concen: 17.377 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.15 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Tgt Ion: 70 Resp: 154623

Ion	Ratio	Lower	Upper
70	100		
42	34.8	33.2	49.8
101	0.1	9.9	14.9#
130	2.7	21.8	32.8#



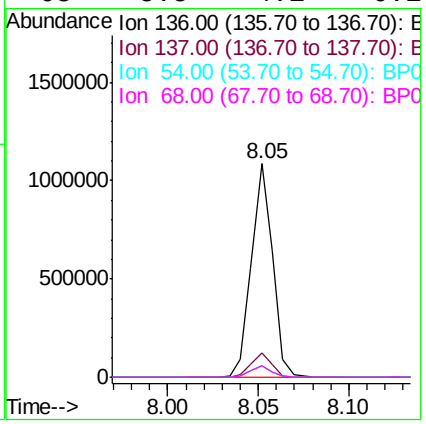


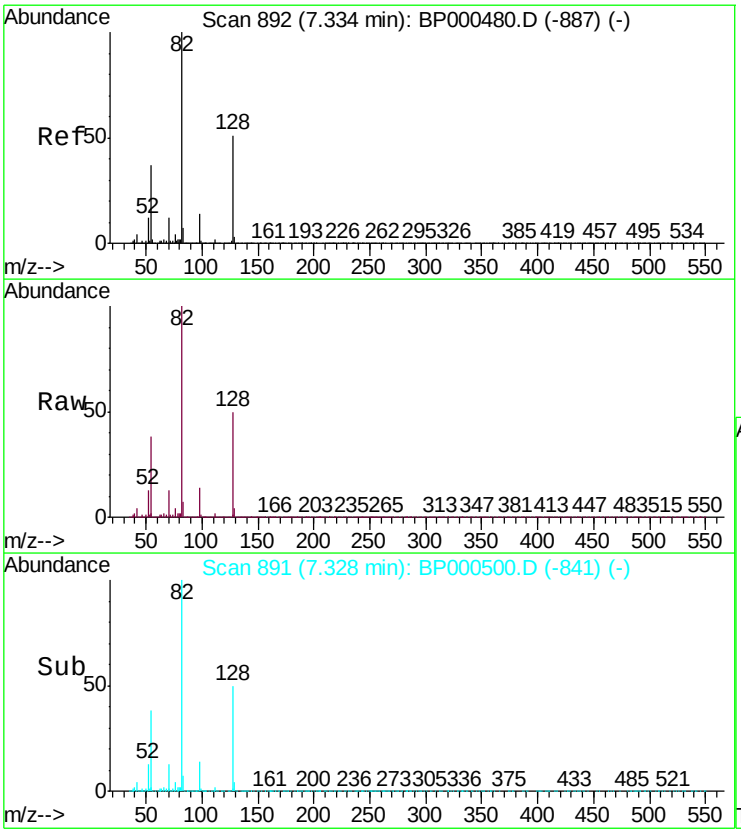
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tgt Ion:136 Resp: 881097

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	5.6	4.1	6.1
68	5.5	4.1	6.1

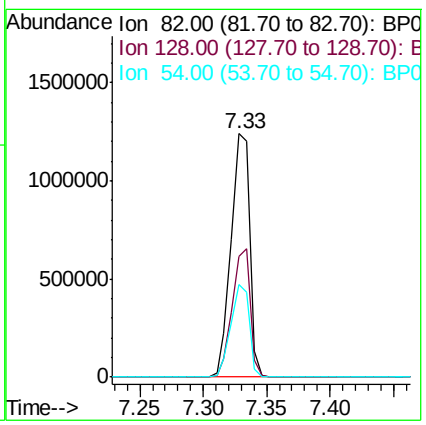


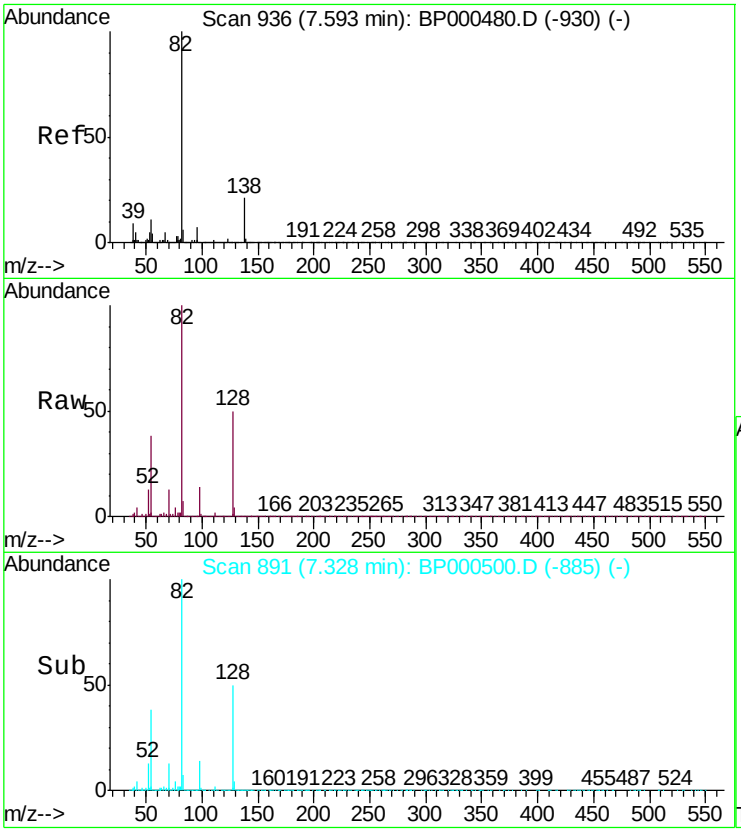


#23
Nitrobenzene-d5
Concen: 87.089 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Tgt Ion: 82 Resp: 1256381

Ion	Ratio	Lower	Upper
82	100		
128	49.6	40.9	61.3
54	37.9	29.4	44.2



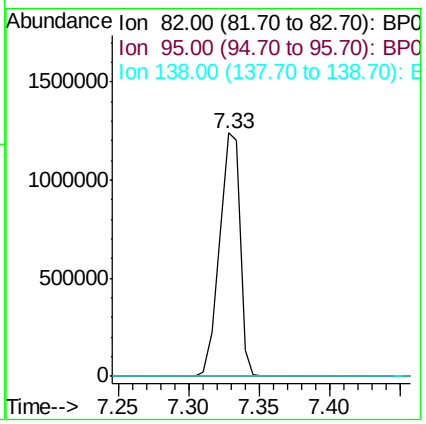


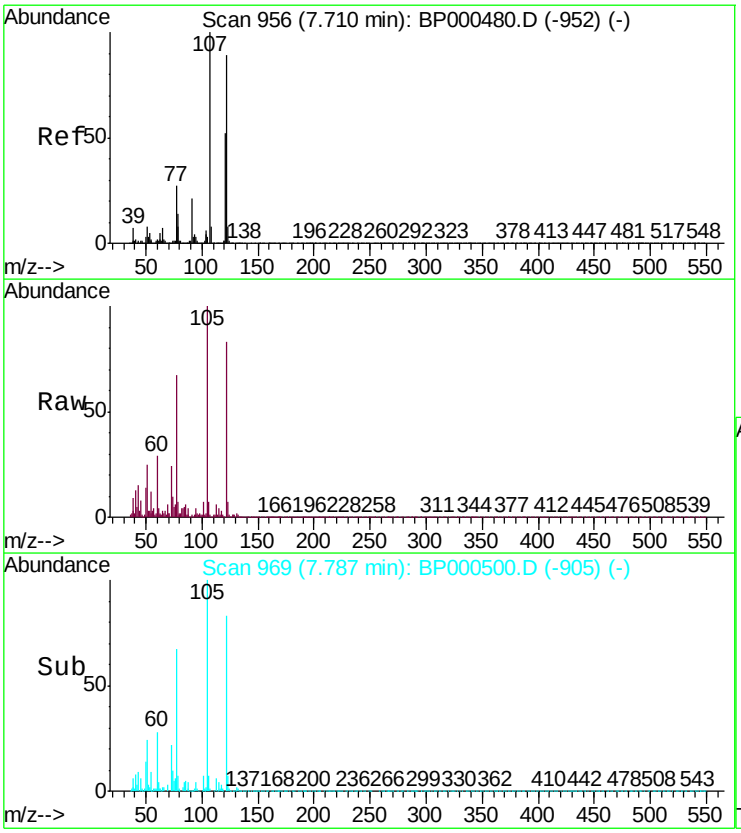
#25
Isophorone
Concen: 49.063 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.26 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tgt Ion: 82 Resp: 1256216

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

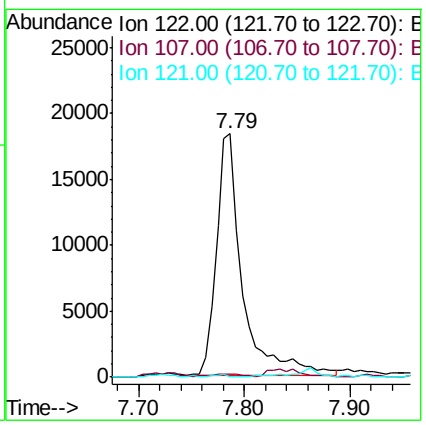


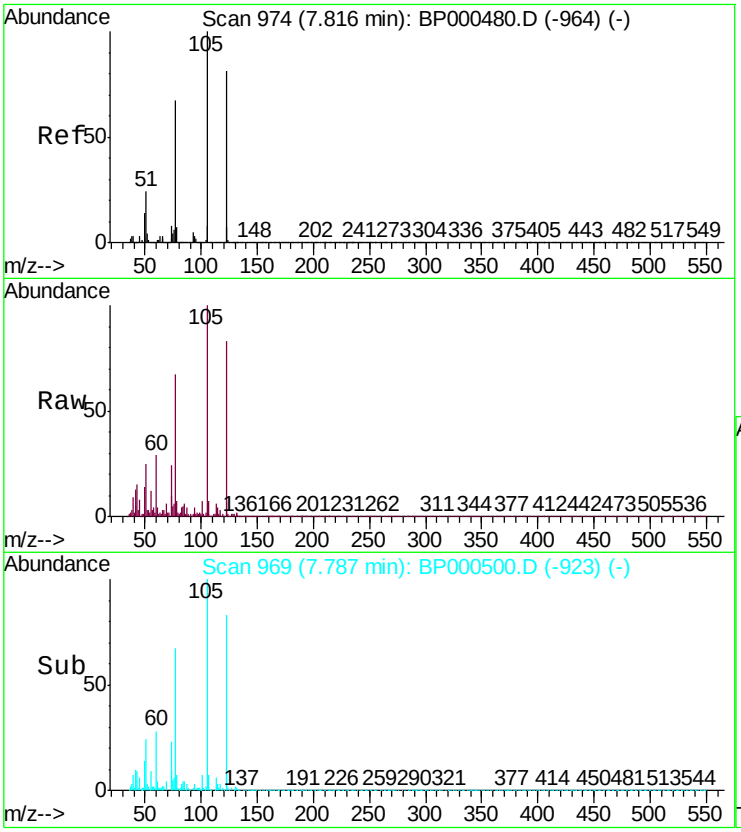


#27
2,4-Dimethylphenol
Concen: 2.784 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.08 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Tgt Ion:122 Resp: 31223

Ion	Ratio	Lower	Upper
122	100		
107	1.2	89.9	134.9#
121	0.0	46.6	70.0#



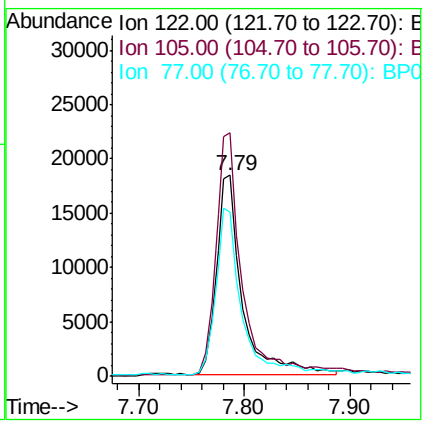


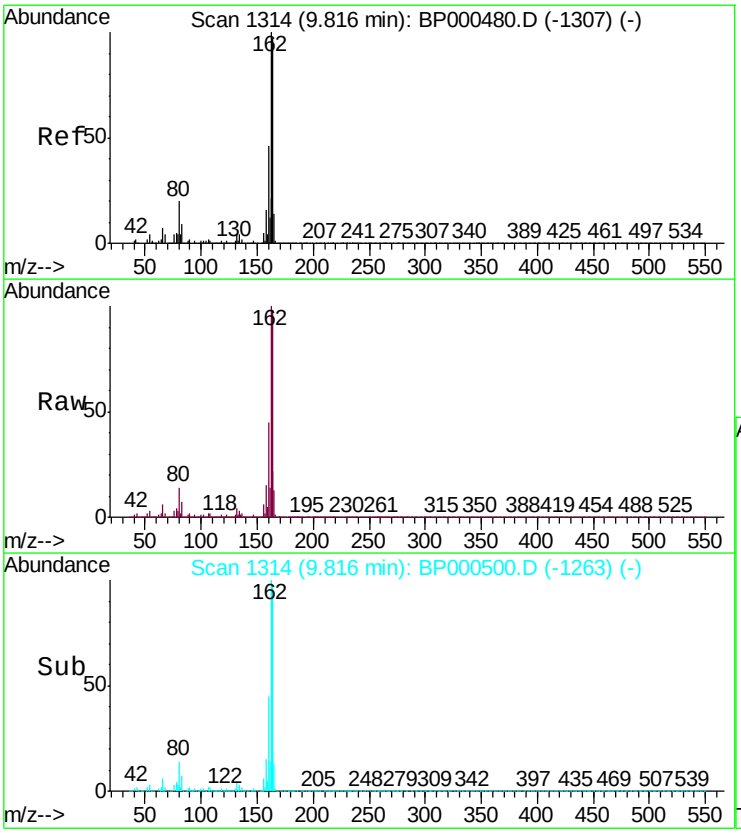
#32
Benzoic acid
Concen: 4.409 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.03 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tgt Ion:122 Resp: 31223

Ion	Ratio	Lower	Upper
122	100		
105	121.2	101.4	141.4
77	81.7	62.1	102.1

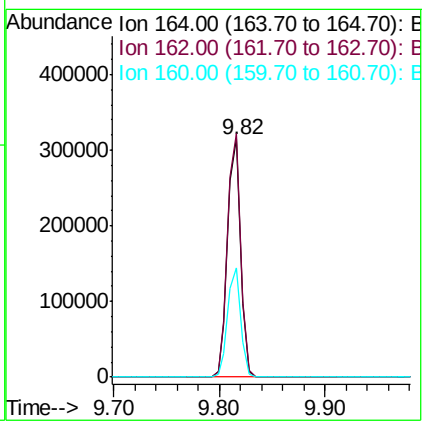


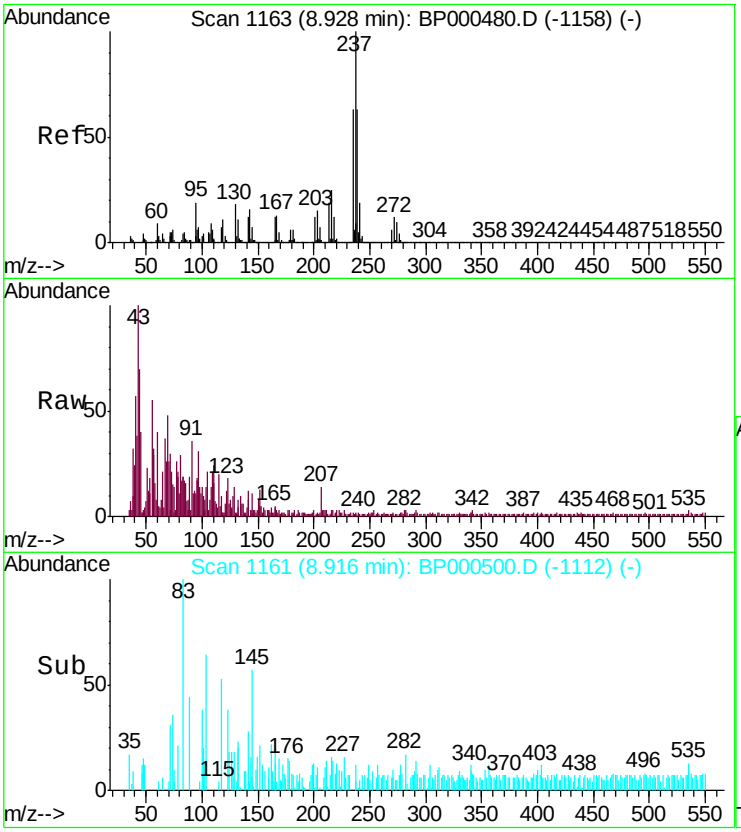


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Tgt Ion:164 Resp: 268820

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.2	123.2
160	45.8	37.6	56.4



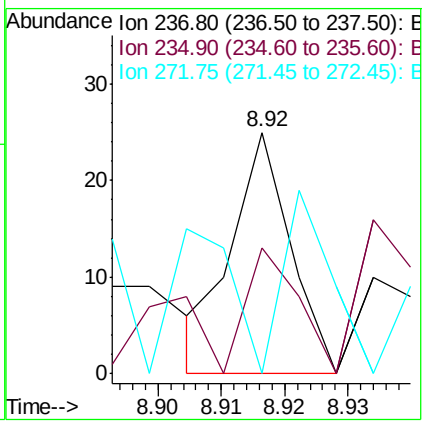


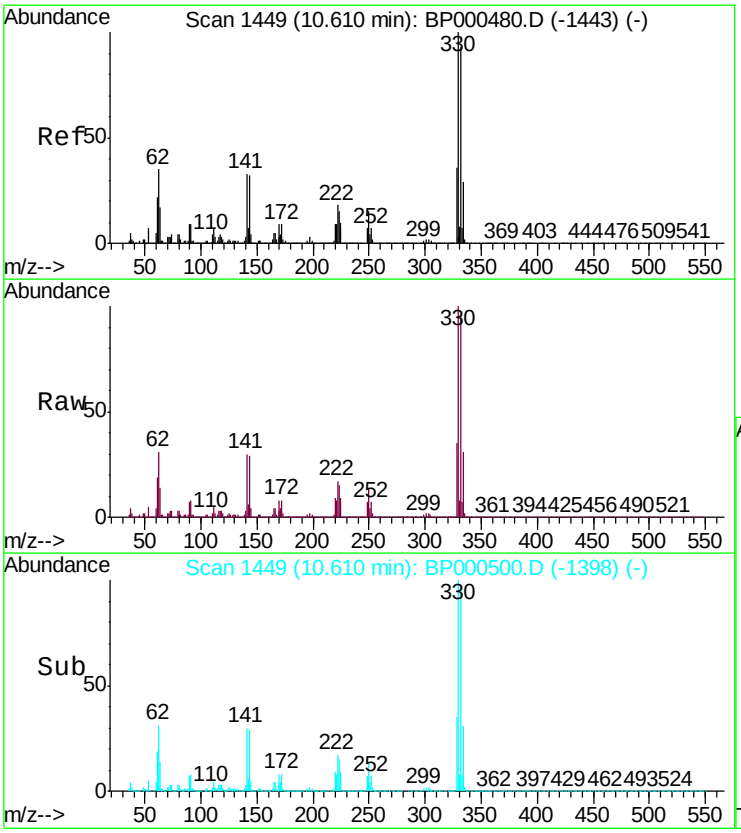
#41
Hexachlorocyclopentadiene
Concen: 7.301 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tgt Ion:237 Resp: 16

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

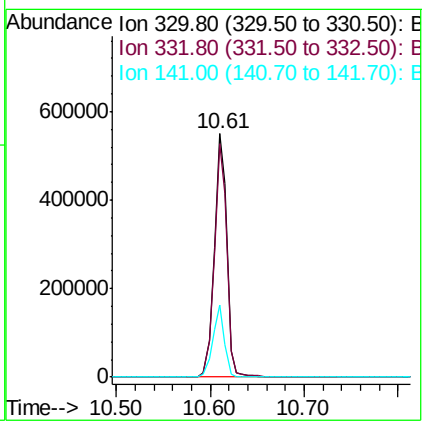


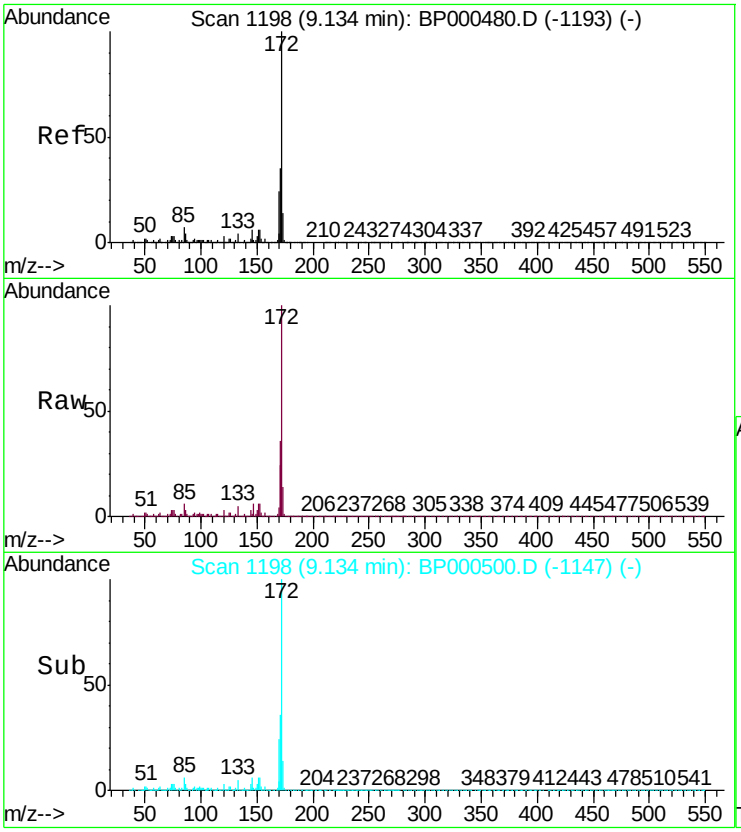


#42
2,4,6-Tribromophenol
Concen: 181.273 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Tgt Ion:330 Resp: 519274

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	28.0	26.0	39.0



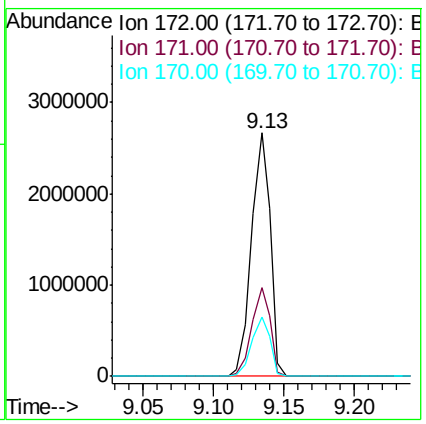


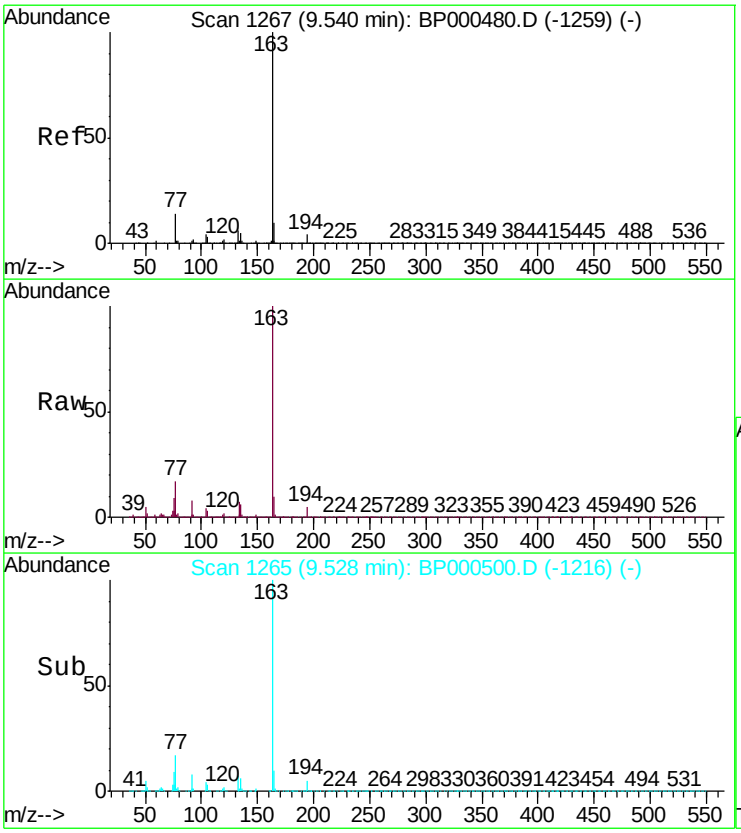
#45
2-Fluorobiphenyl
Concen: 151.691 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tgt Ion:172 Resp: 2520252

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.4	42.6
170	24.4	19.1	28.7

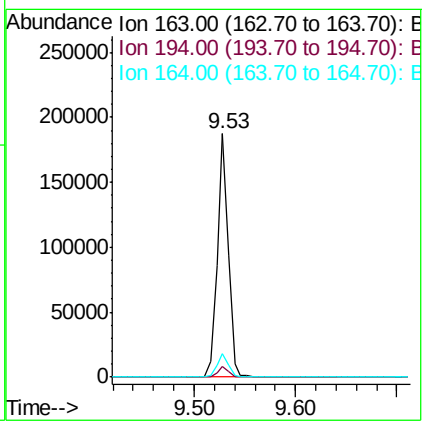


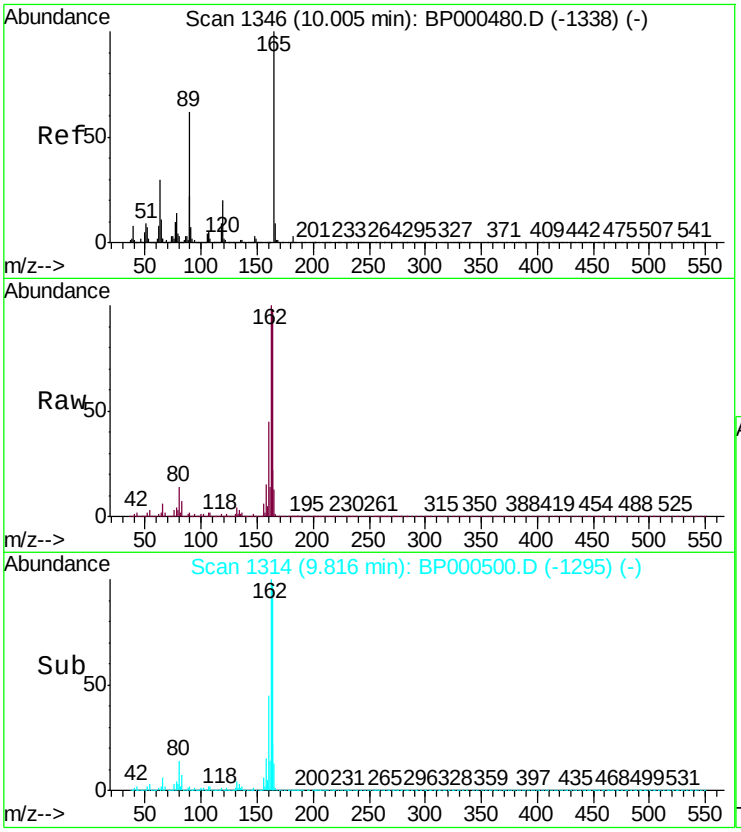


#50
Dimethylphthalate
Concen: 7.462 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Tgt Ion:163 Resp: 139389

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	9.6	8.0	12.0



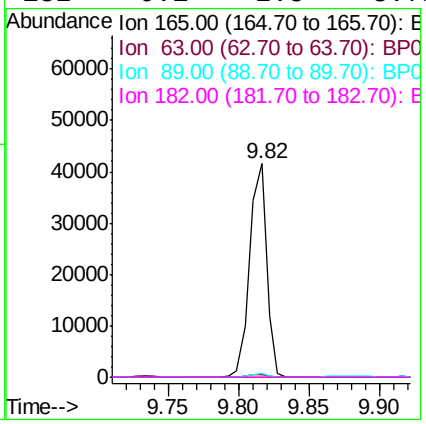


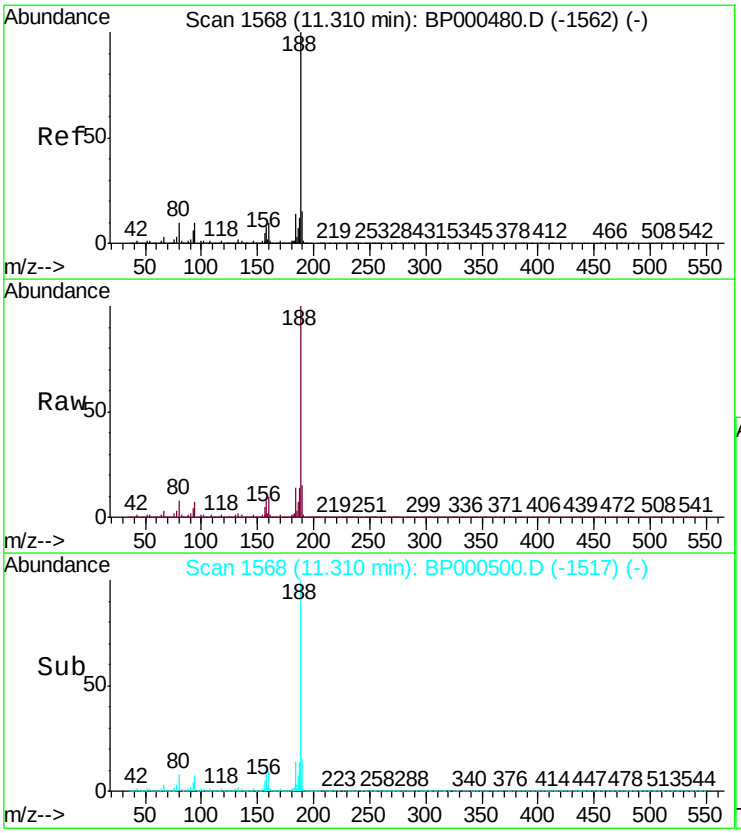
#57
2,4-Dinitrotoluene
Concen: 6.564 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tgt Ion:165 Resp: 35452

Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.2	36.4#
89	1.5	49.4	74.0#
182	0.1	2.5	3.7#

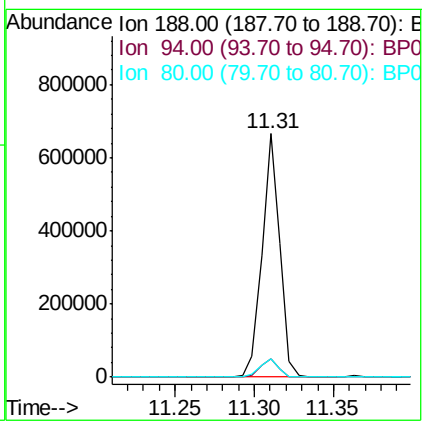


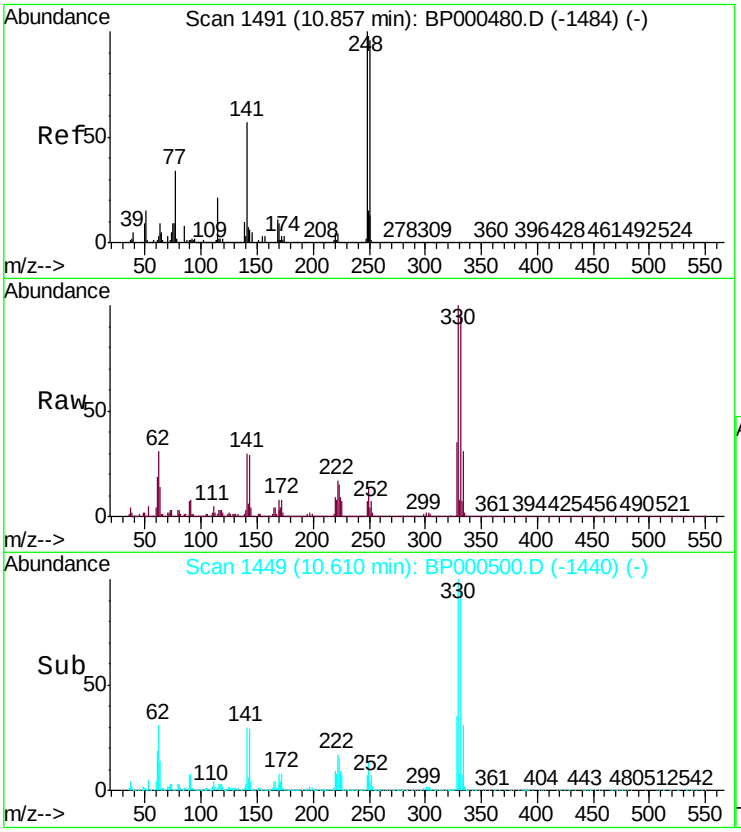


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Tgt Ion:188 Resp: 520956

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.2	12.2#
80	7.5	8.3	12.5#



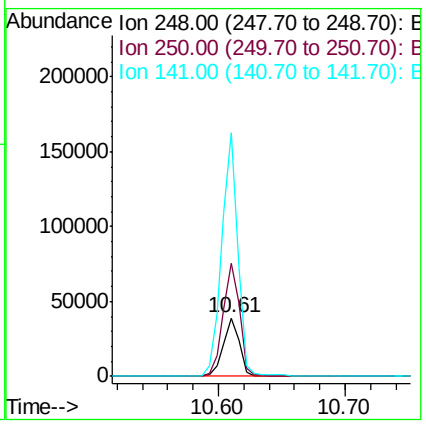


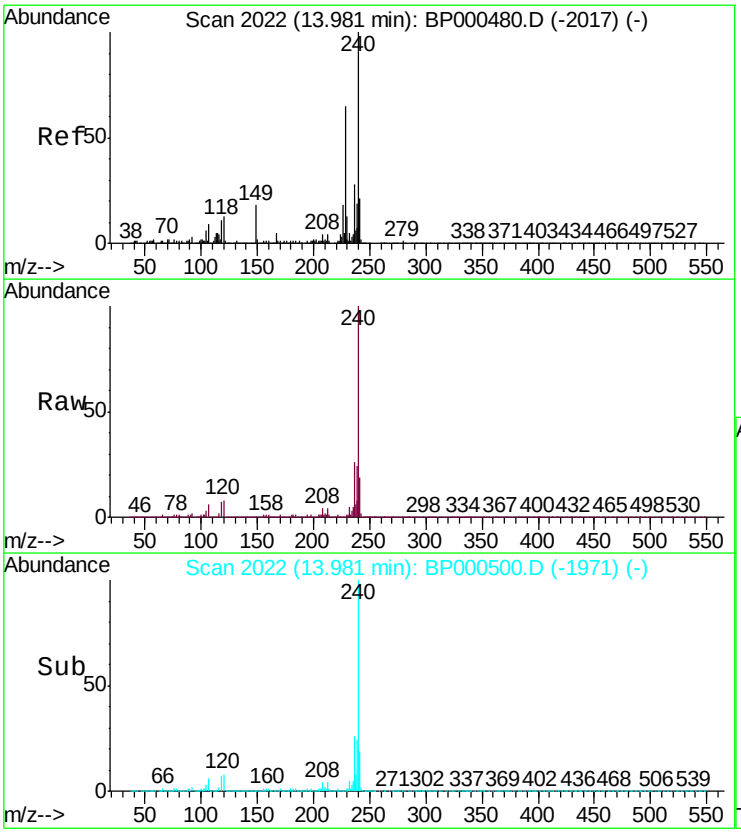
#67
4-Bromophenyl-phenylether
Concen: 5.885 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tgt Ion:248 Resp: 34511

Ion	Ratio	Lower	Upper
248	100		
250	195.0	77.2	115.8#
141	419.7	45.3	67.9#

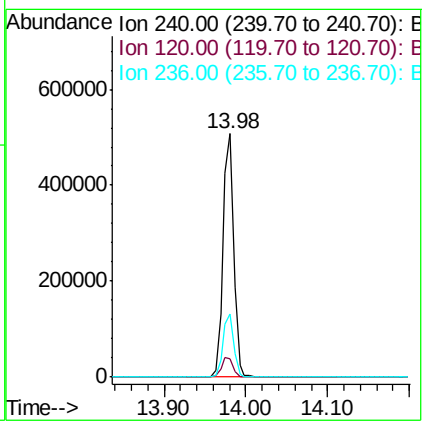


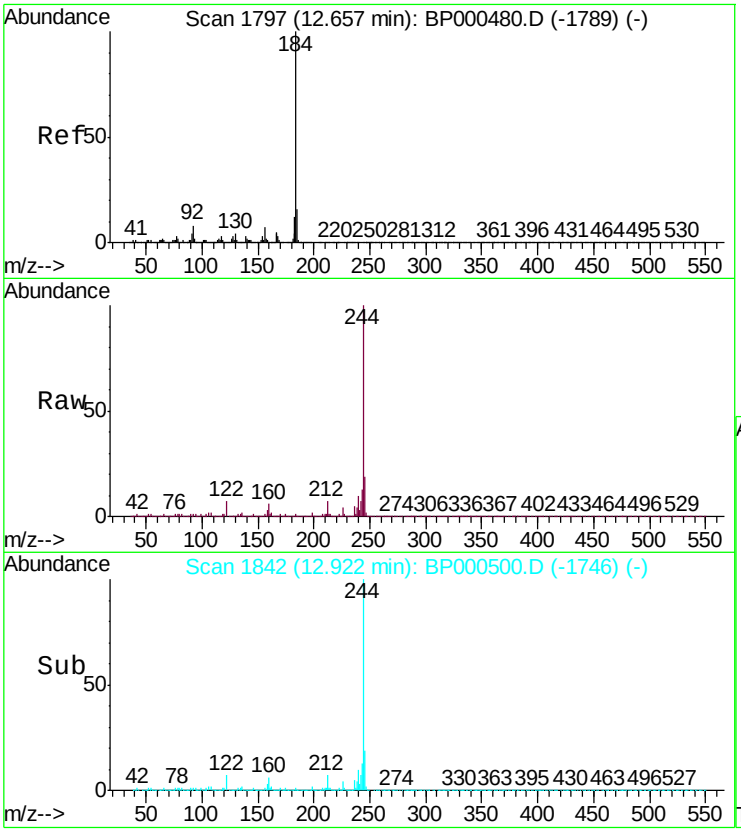


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Tgt Ion:240 Resp: 463827

Ion	Ratio	Lower	Upper
240	100		
120	7.6	10.1	15.1#
236	25.7	22.7	34.1



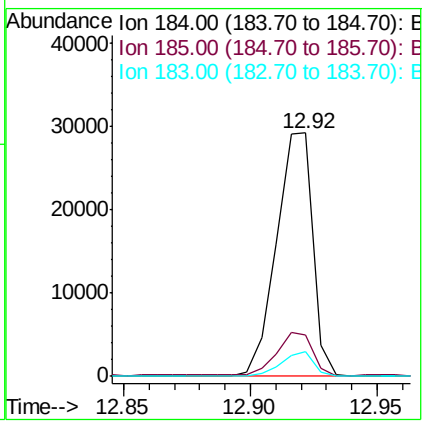


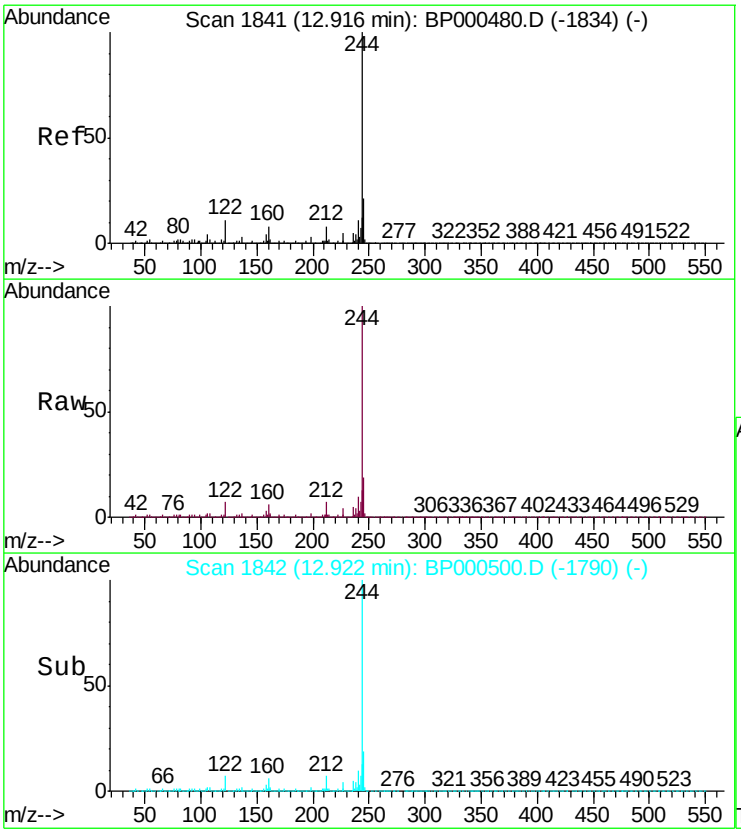
#77
Benzidine
Concen: 2.187 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.26 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tgt Ion:184 Resp: 29372

Ion	Ratio	Lower	Upper
184	100		
185	16.8	12.7	19.1
183	10.4	9.7	14.5

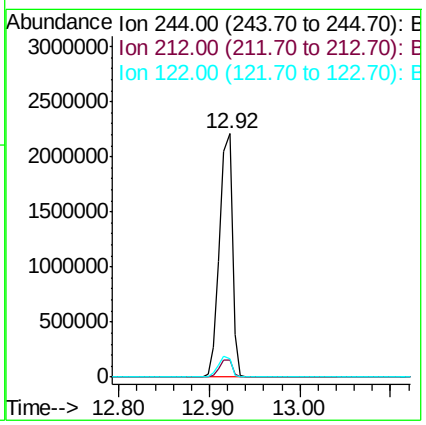


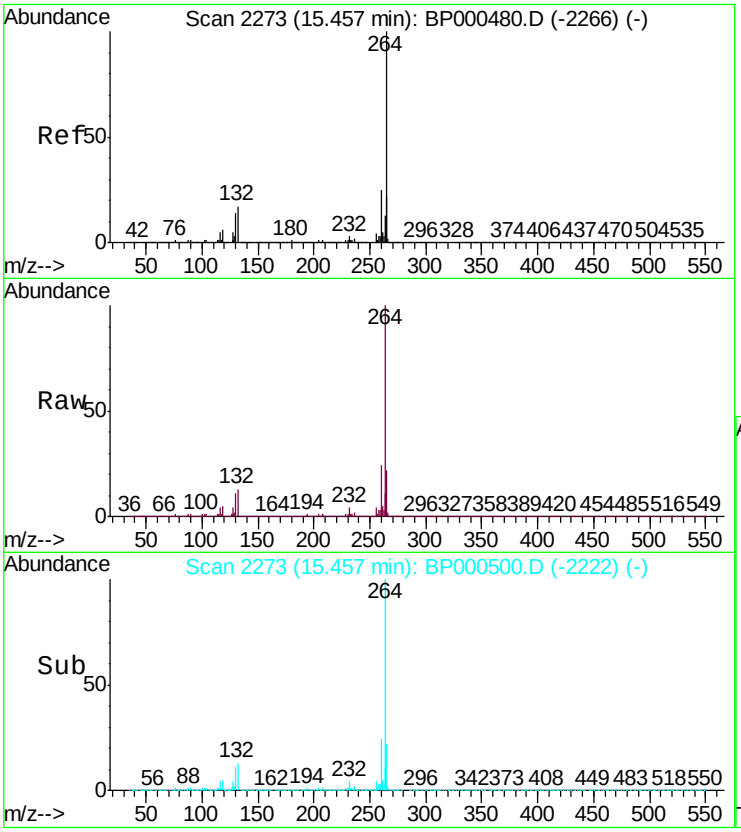


#79
Terphenyl-d14
Concen: 93.219 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Tgt Ion:244 Resp: 2135484

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	7.3	8.9	13.3#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BP000500.D
Acq: 03 Oct 2019 17:09

Instrument :
BNA_P
ClientSampleId :
20190825-COMPOSITE-A

Tgt Ion:264 Resp: 503256

Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.3	30.5
265	22.0	18.0	27.0