Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
Data File : BP000557.D
Acq On : 07 Oct 2019 20:57
Operator : JU
Sample : K5213-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : W-1

Quant Time: Oct 08 10:55:42 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	6.76	152	266368	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	933811	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	487439	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	854957	20.00	ng		0.00
76) Chrysene-d12	13.99	240	760125	20.00	ng		0.01
87) Perylene-d12	15.47	264	800531	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1373401	82.88	ng		0.00
7) Phenol-d6	6.41	99	1242940	62.24	ng		0.00
23) Nitrobenzene-d5	7.33	82	1227802	80.30	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	638288	122.88	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	2428475	80.61	ng		0.00
79) Terphenyl-d14	12.93	244	2811452	74.89	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.42	94	143252	7.007	ng		92
38) 1-Methylnaphthalene	8.86	142	181366	6.556	ng	#	97
50) Dimethylphthalate	9.53	163	553471	16.341	ng	#	89
58) Fluorene	10.37	166	60370	2.176	ng	#	83
78) Pyrene	12.77	202	156560	2.986	ng	#	93

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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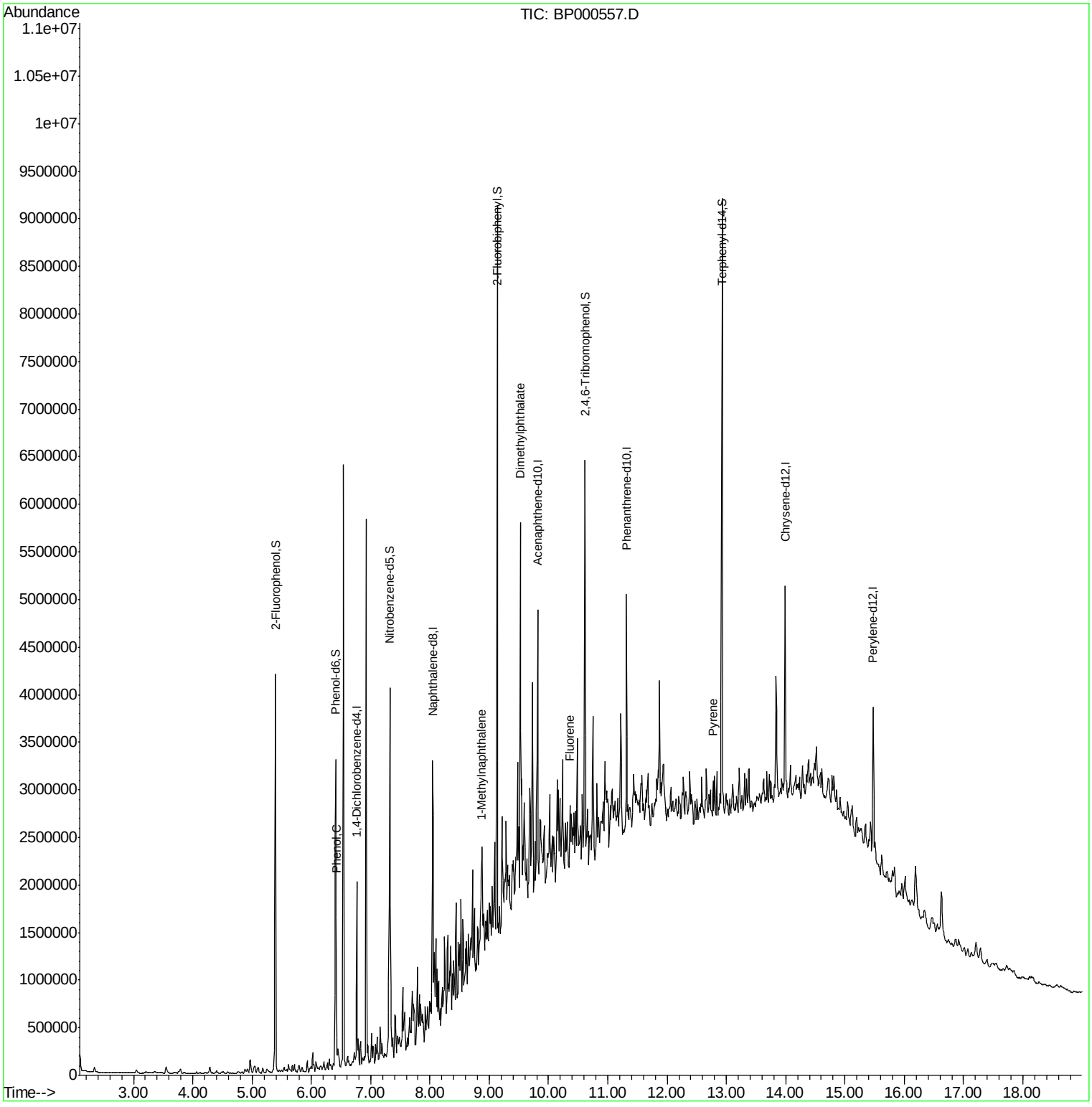
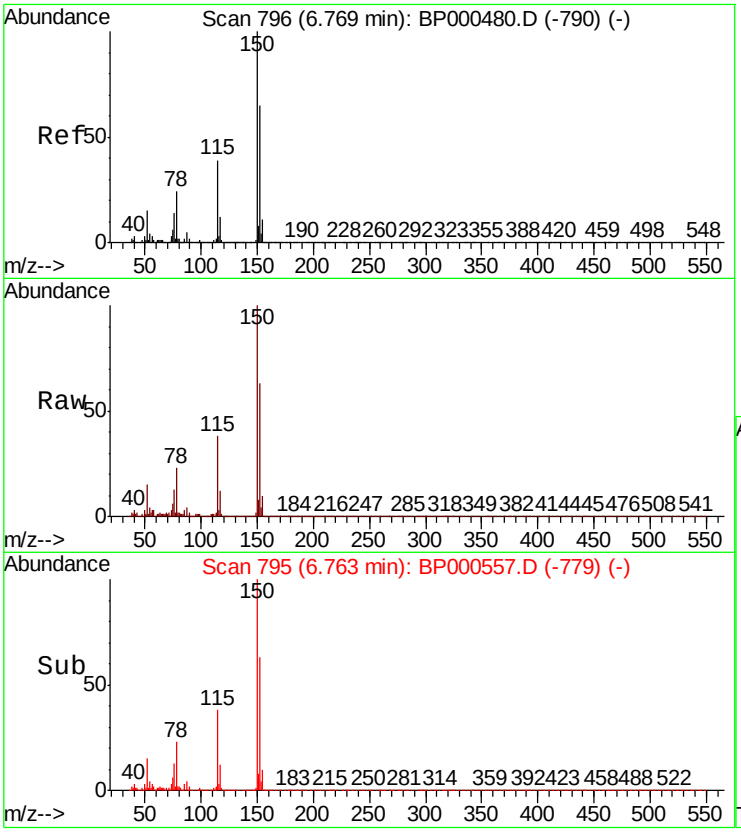


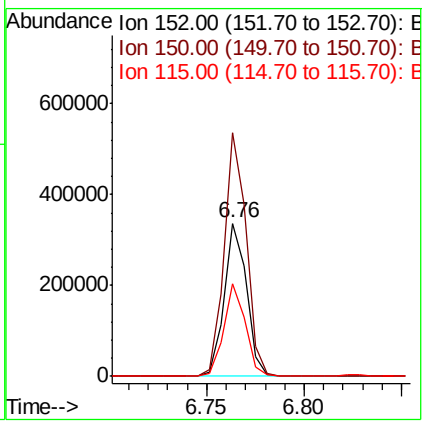


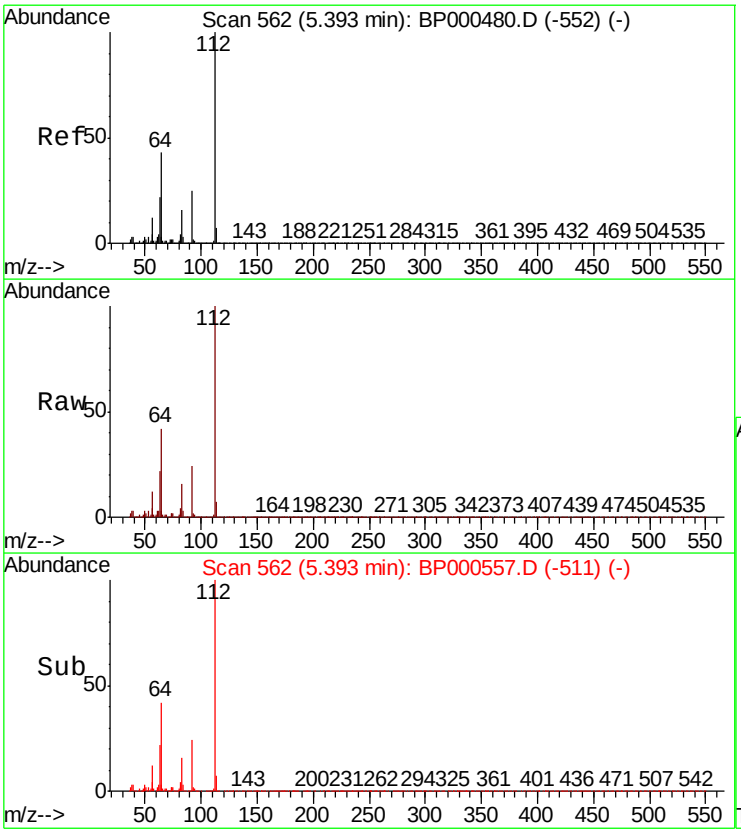
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000557.D
Acq: 07 Oct 2019 20:57

Instrument :
BNA_P
ClientSampleId :
W-1

Tgt Ion:152 Resp: 266368

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.1	186.1
115	60.1	48.7	73.1

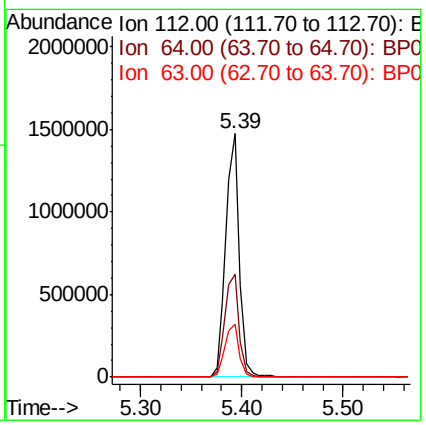


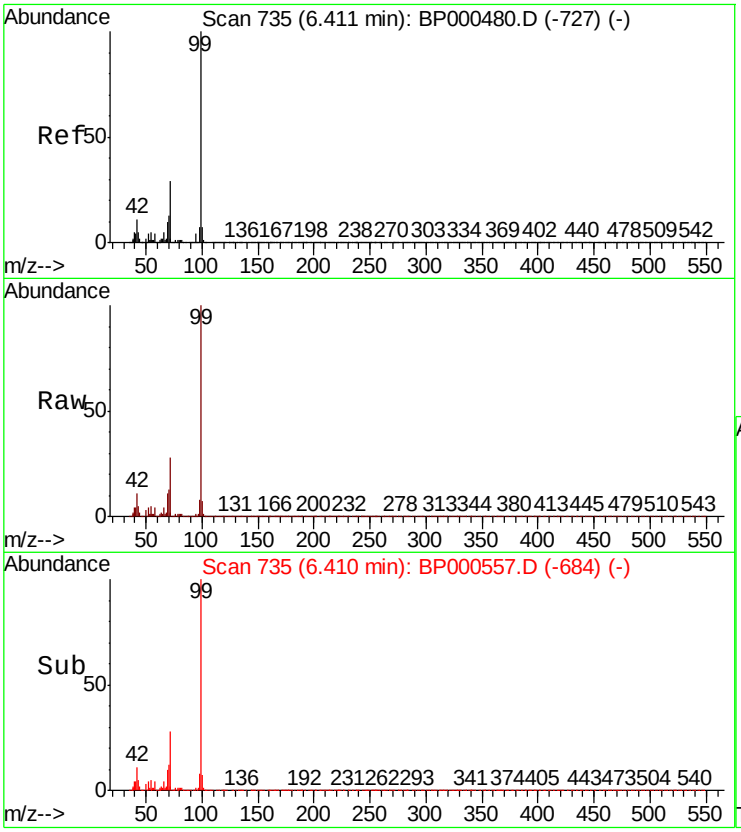


#5
2-Fluorophenol
Concen: 82.880 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.00 min
Lab File: BP000557.D
Acq: 07 Oct 2019 20:57

Tgt Ion:112 Resp: 1373401

Ion	Ratio	Lower	Upper
112	100		
64	42.2	34.2	51.4
63	21.6	17.9	26.9



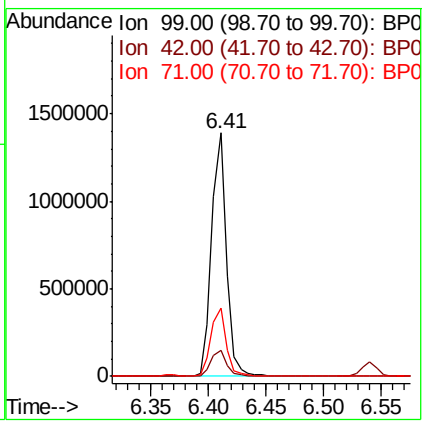


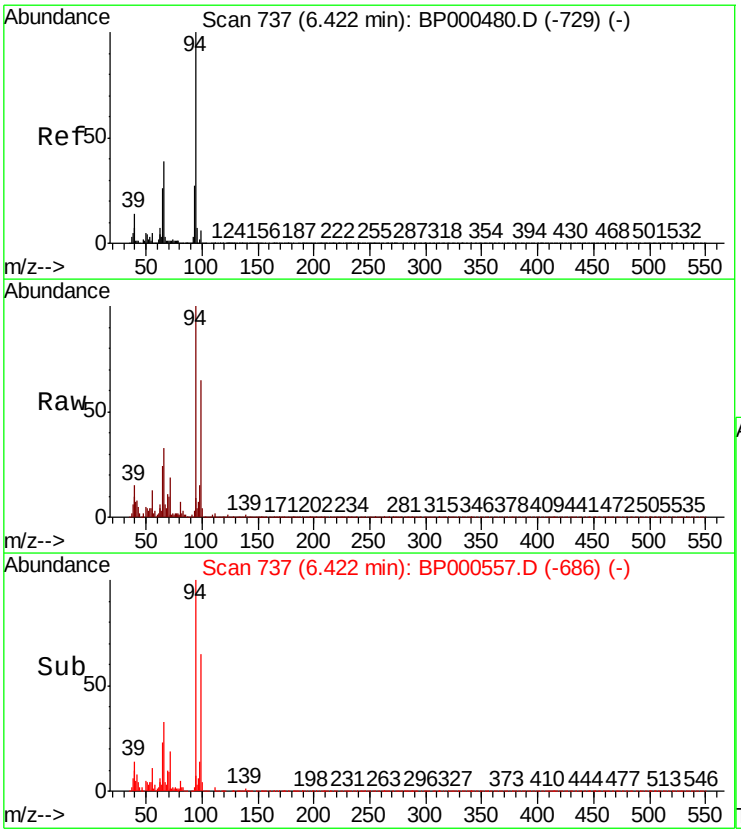
#7
Phenol-d6
Concen: 62.245 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BP000557.D
Acq: 07 Oct 2019 20:57

Instrument :
BNA_P
ClientSampleId :
W-1

Tgt Ion: 99 Resp: 1242940

Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.6	12.8
71	28.1	23.0	34.4

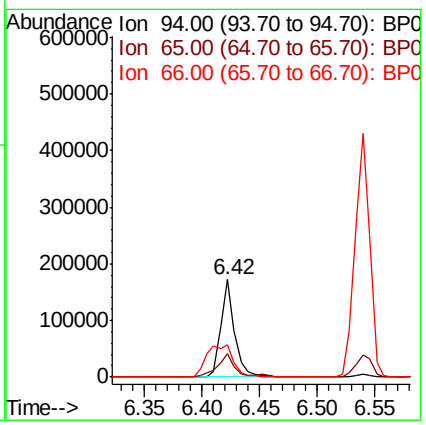


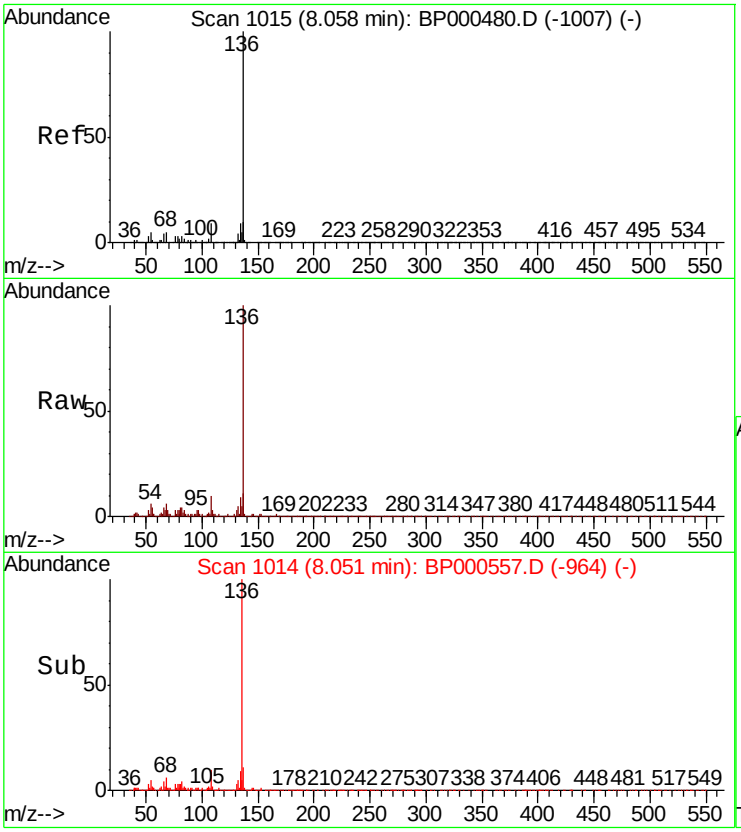


#10
Phenol
Concen: 7.007 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BP000557.D
Acq: 07 Oct 2019 20:57

Tgt Ion: 94 Resp: 143252

Ion	Ratio	Lower	Upper
94	100		
65	23.5	5.9	45.9
66	32.7	18.8	58.8



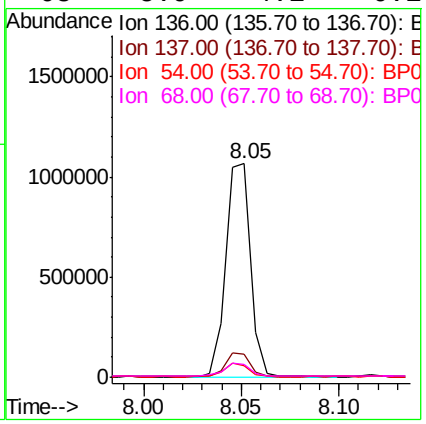


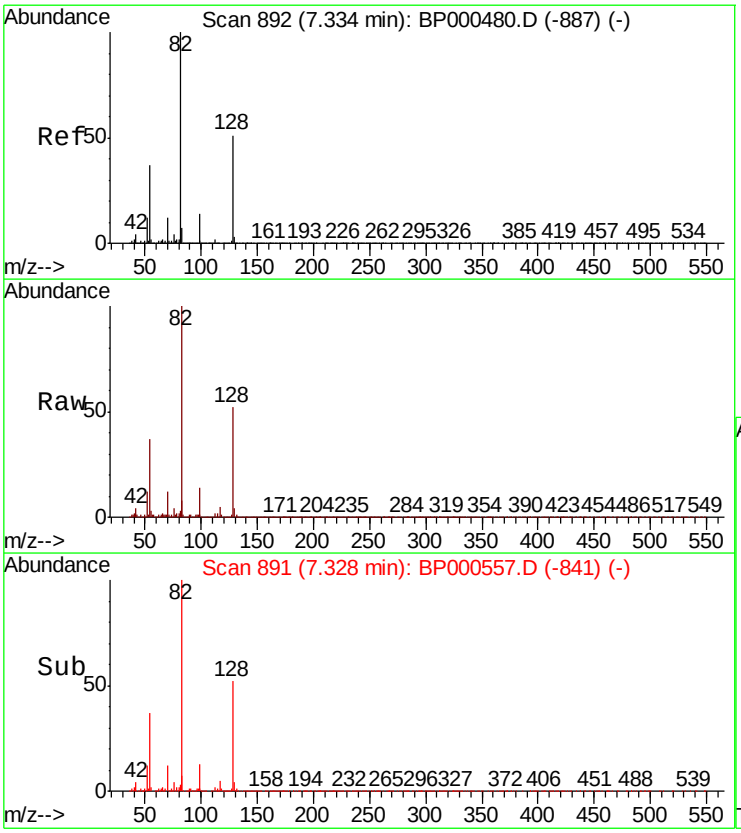
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000557.D
Acq: 07 Oct 2019 20:57

Instrument :
BNA_P
ClientSampleId :
W-1

Tgt Ion:136 Resp: 933811

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	5.5	4.1	6.1
68	5.9	4.1	6.1

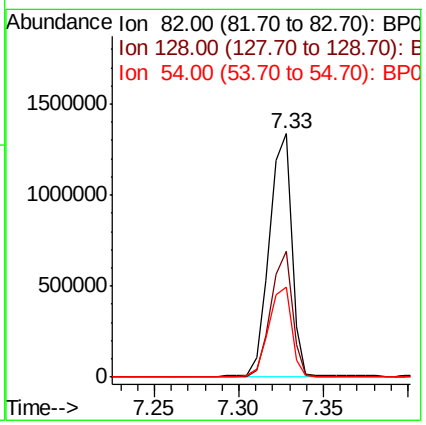


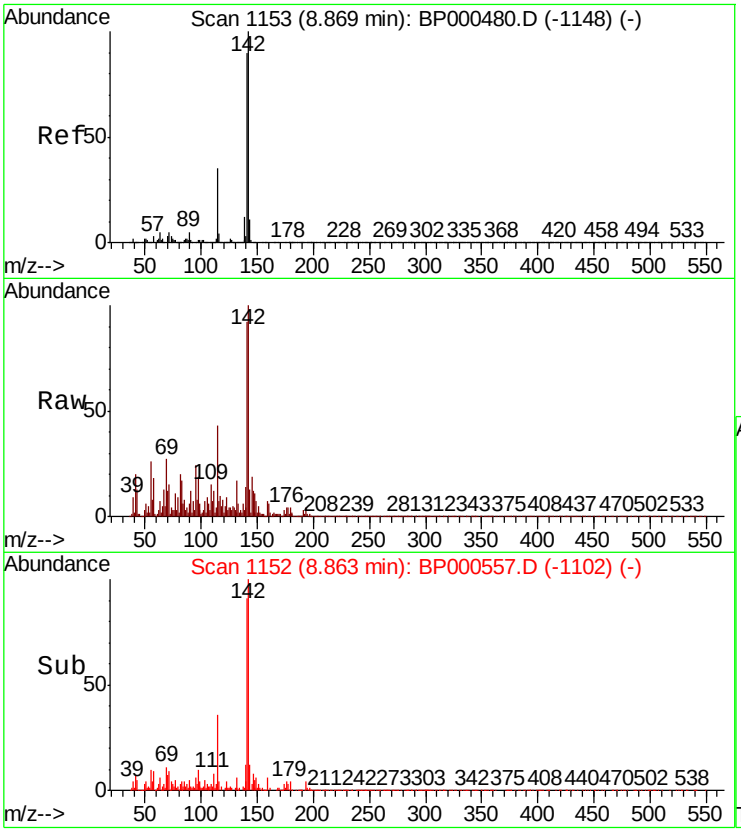


#23
Nitrobenzene-d5
Concen: 80.304 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000557.D
Acq: 07 Oct 2019 20:57

Tgt Ion: 82 Resp: 1227802

Ion	Ratio	Lower	Upper
82	100		
128	51.9	40.9	61.3
54	36.9	29.4	44.2



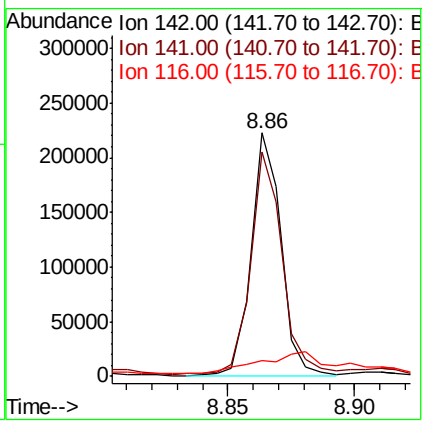


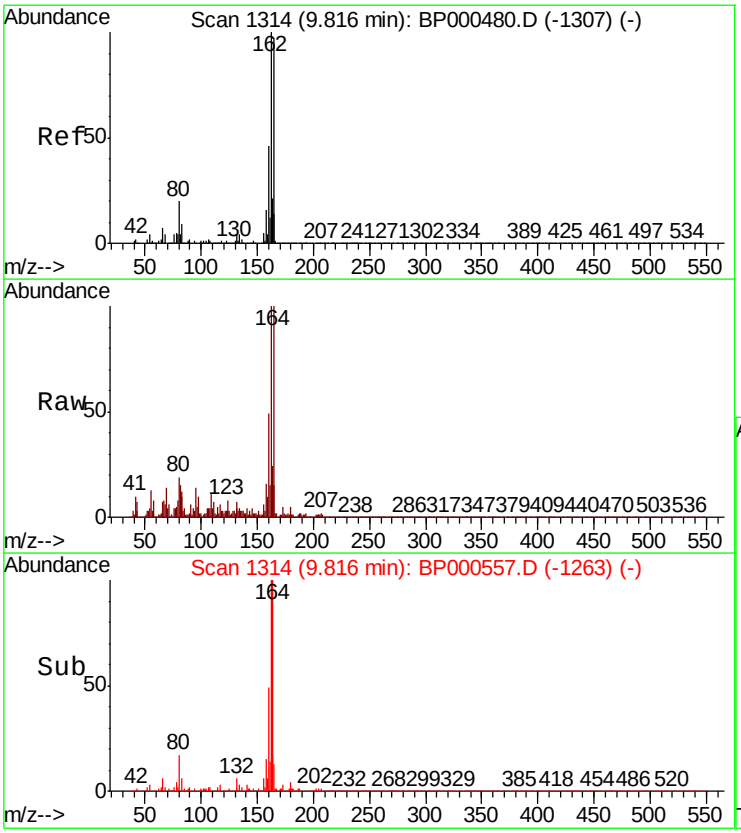
#38
1-Methylnaphthalene
Concen: 6.556 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BP000557.D
Acq: 07 Oct 2019 20:57

Instrument :
BNA_P
ClientSampleId :
W-1

Tgt Ion:142 Resp: 181366

Ion	Ratio	Lower	Upper
142	100		
141	92.3	71.9	107.9
116	6.6	3.0	4.4#

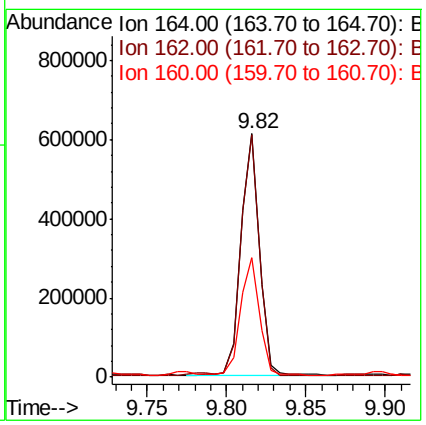


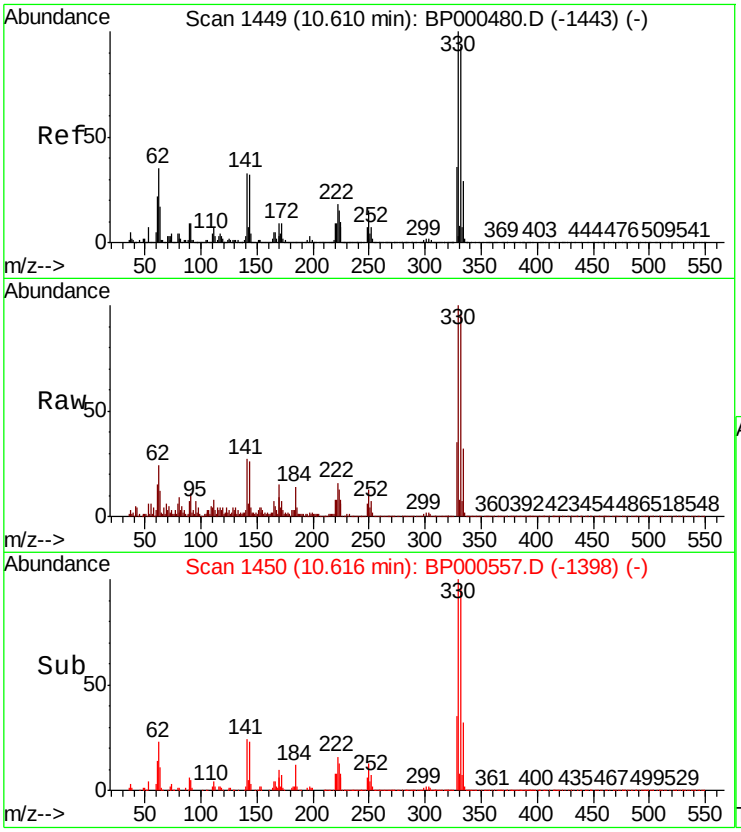


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BP000557.D
Acq: 07 Oct 2019 20:57

Tgt Ion:164 Resp: 487439

Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.2	123.2
160	49.1	37.6	56.4



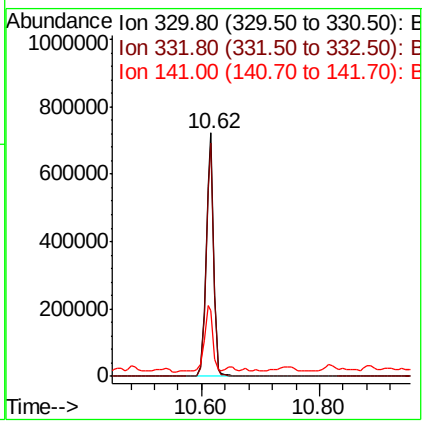


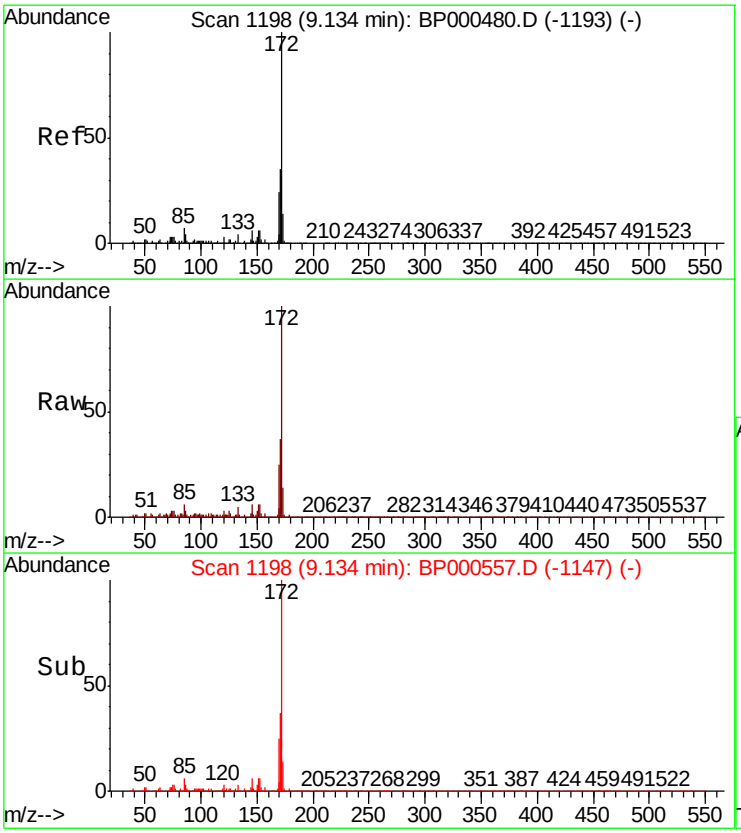
#42
2,4,6-Tribromophenol
Concen: 122.884 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BP000557.D
Acq: 07 Oct 2019 20:57

Instrument :
BNA_P
ClientSampleId :
W-1

Tgt Ion:330 Resp: 638288

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	30.9	26.0	39.0

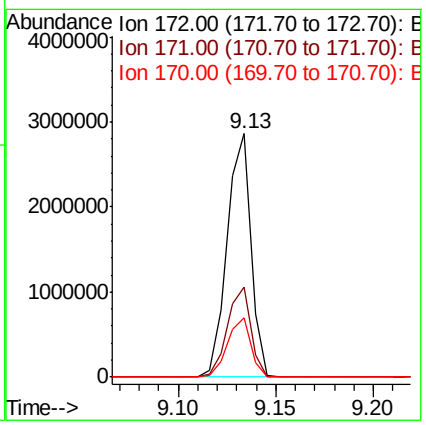


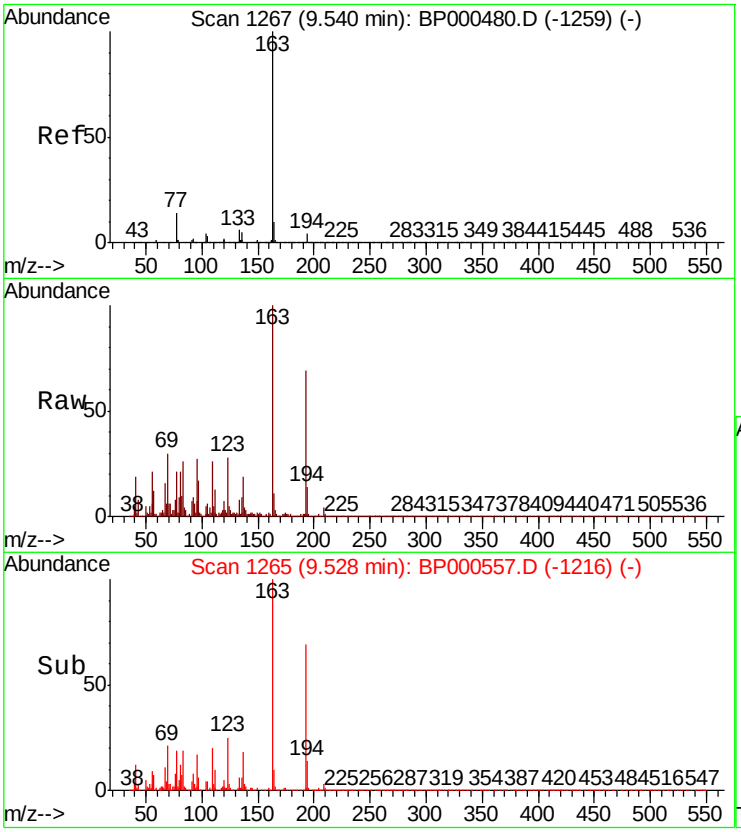


#45
2-Fluorobiphenyl
Concen: 80.610 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BP000557.D
Acq: 07 Oct 2019 20:57

Tgt Ion:172 Resp: 2428475

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.4	42.6
170	24.6	19.1	28.7



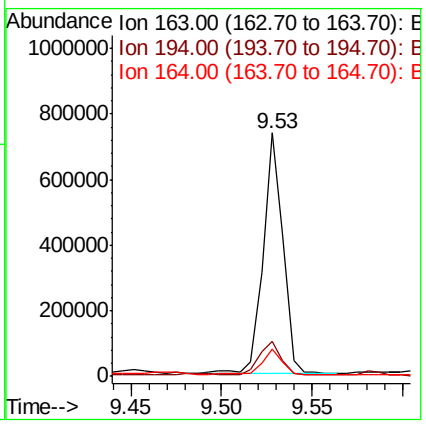


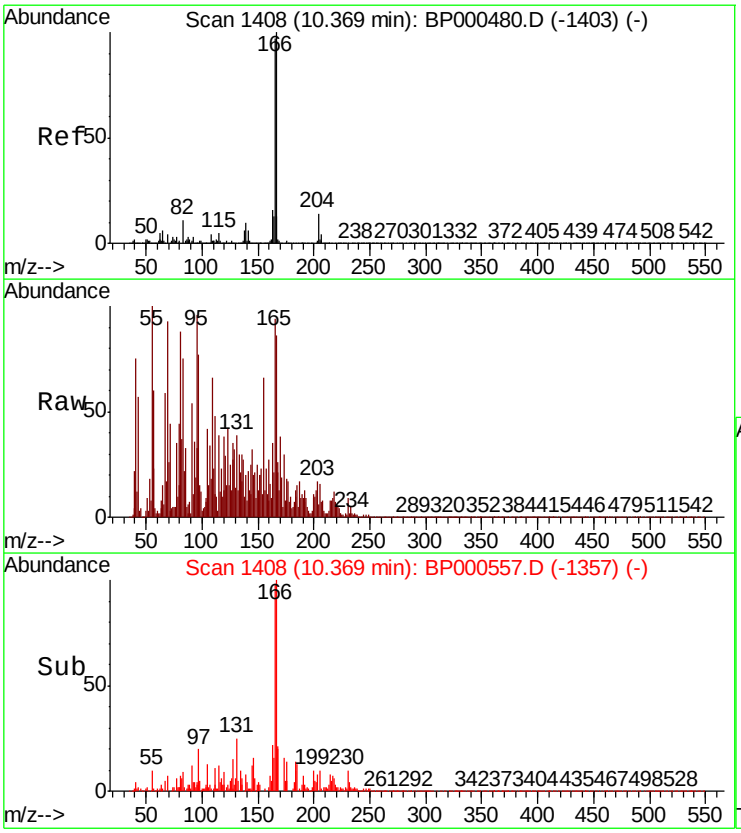
#50
Dimethylphthalate
Concen: 16.341 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000557.D
Acq: 07 Oct 2019 20:57

Instrument :
BNA_P
ClientSampleId :
W-1

Tgt Ion:163 Resp: 553471

Ion	Ratio	Lower	Upper
163	100		
194	14.5	3.4	5.2#
164	11.0	8.0	12.0

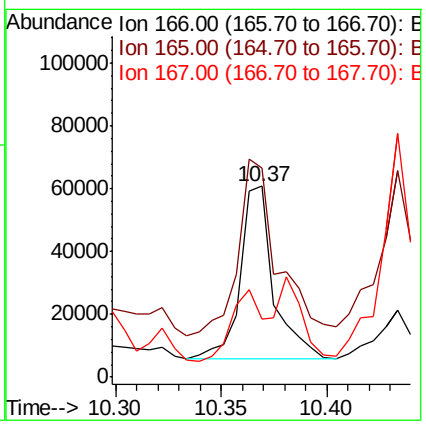


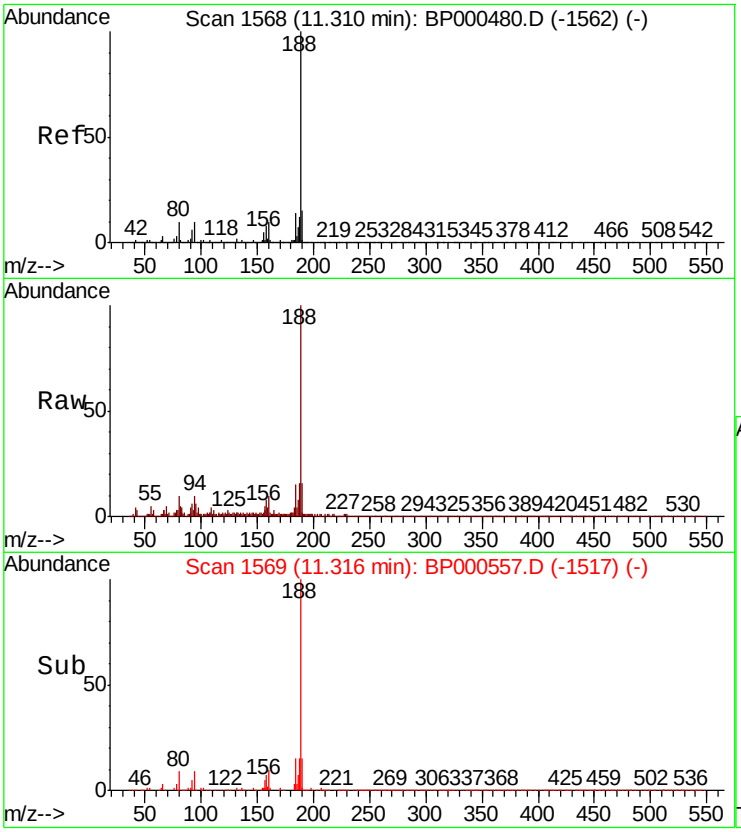


#58
Fluorene
Concen: 2.176 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BP000557.D
Acq: 07 Oct 2019 20:57

Tgt Ion:166 Resp: 60370

Ion	Ratio	Lower	Upper
166	100		
165	109.3	77.3	115.9
167	30.5	10.6	16.0#



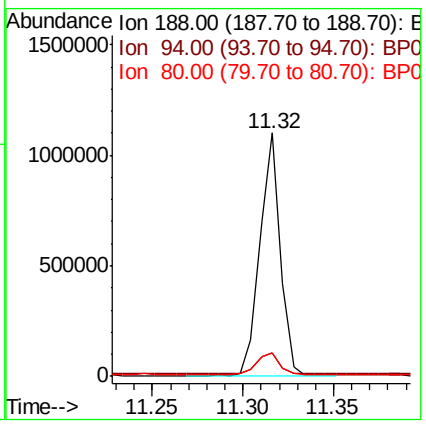


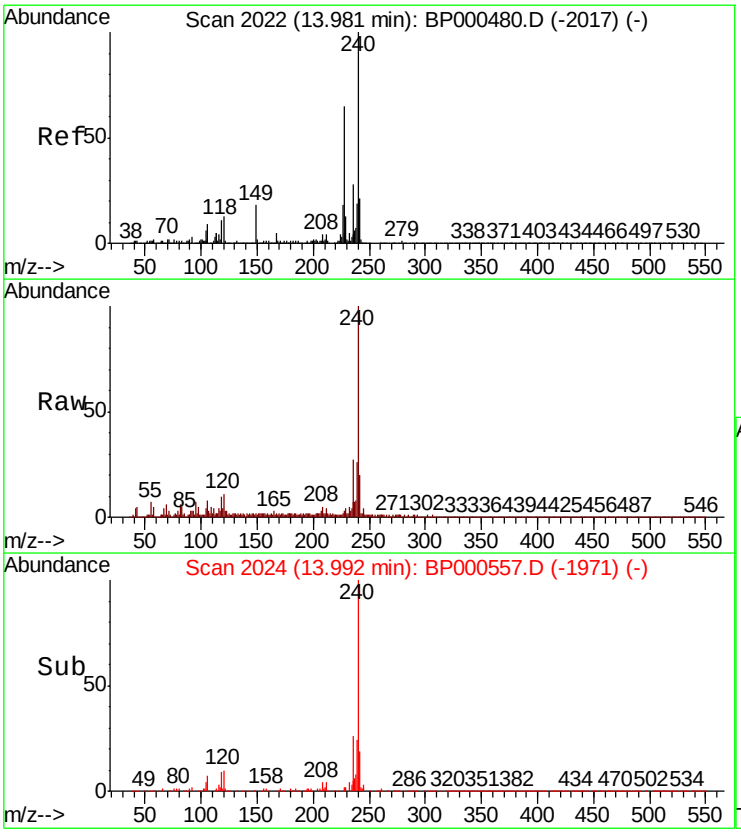
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BP000557.D
Acq: 07 Oct 2019 20:57

Instrument :
BNA_P
ClientSampleId :
W-1

Tgt Ion:188 Resp: 854957

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.2
80	9.7	8.3	12.5

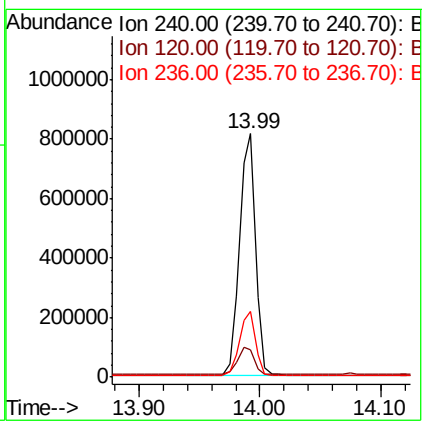


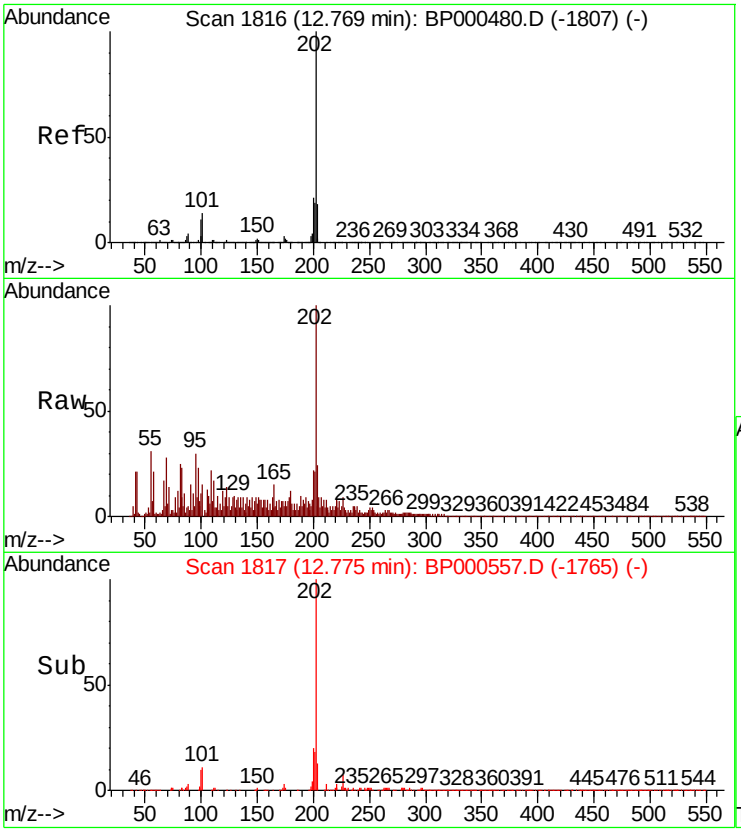


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BP000557.D
Acq: 07 Oct 2019 20:57

Tgt Ion:240 Resp: 760125

Ion	Ratio	Lower	Upper
240	100		
120	11.1	10.1	15.1
236	26.8	22.7	34.1



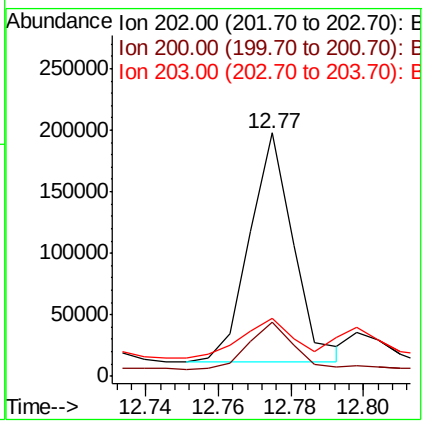


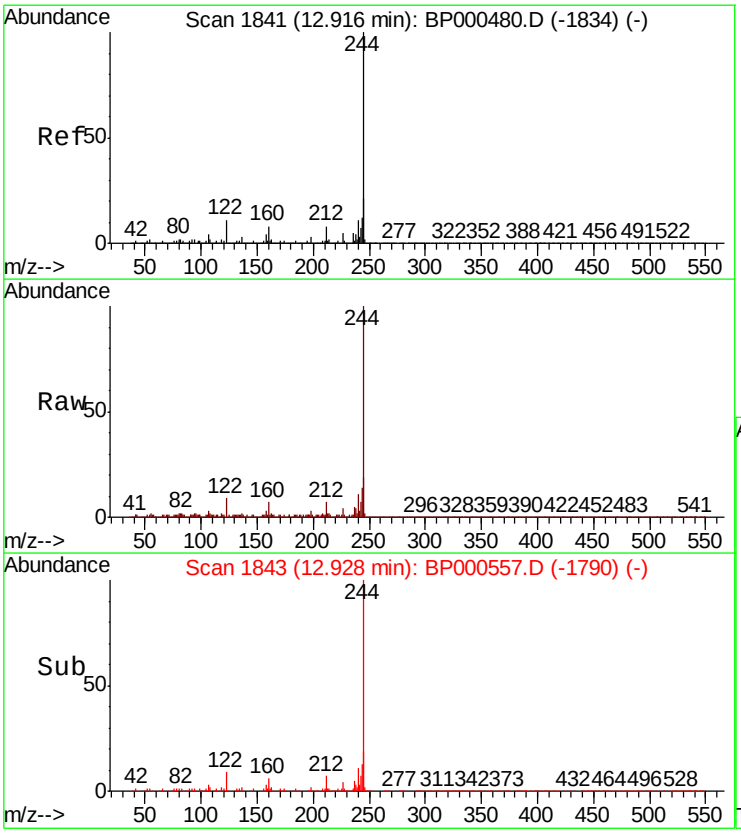
#78
Pyrene
Concen: 2.986 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BP000557.D
Acq: 07 Oct 2019 20:57

Instrument :
BNA_P
ClientSampleId :
W-1

Tgt Ion:202 Resp: 156560

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.1	25.7
203	23.8	14.6	21.8#

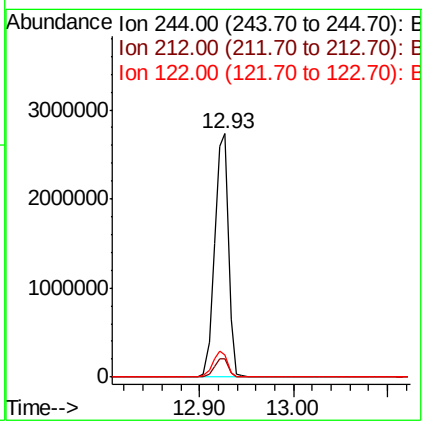


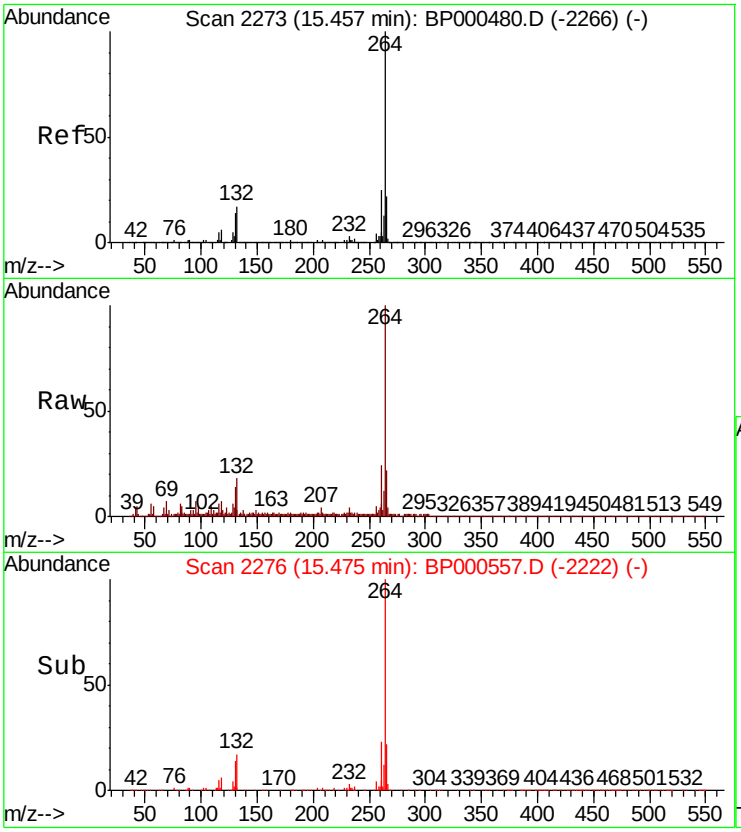


#79
Terphenyl-d14
Concen: 74.888 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BP000557.D
Acq: 07 Oct 2019 20:57

Tgt Ion:244 Resp: 2811452

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	9.2	8.9	13.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BP000557.D
Acq: 07 Oct 2019 20:57

Instrument :
BNA_P
ClientSampleId :
W-1

Tgt Ion:264 Resp: 800531

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.3	30.5
265	22.4	18.0	27.0