Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001169.D
Acq On : 03 Dec 2019 22:08
Operator : JU
Sample : K6027-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-12

Quant Time: Dec 06 04:22:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	111485	20.00	ng		-0.01
21) Naphthalene-d8	10.38	136	353309	20.00	ng		0.02
39) Acenaphthene-d10	13.22	164	225185	20.00	ng		-0.02
64) Phenanthrene-d10	15.61	188	433899	20.00	ng		-0.02
76) Chrysene-d12	19.25	240	346618	20.00	ng		-0.02
87) Perylene-d12	21.02	264	360800	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	584225	86.94	ng		0.00
7) Phenol-d6	7.76	99	500536	55.91	ng		0.00
23) Nitrobenzene-d5	9.21	82	817335	100.37	ng		0.00
42) 2,4,6-Tribromophenol	14.51	330	313082	145.05	ng		-0.01
45) 2-Fluorobiphenyl	12.13	172	1314622	85.44	ng		-0.02
79) Terphenyl-d14	17.90	244	1587637	84.74	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.78	94	35414	3.478	ng		92
27) 2,4-Dimethylphenol	9.85	122	16214	3.451	ng		87
31) Naphthalene	10.46	128	27961151	1549.579	ng	#	92
37) 2-Methylnaphthalene	11.54	142	3813935	309.756	ng		98
38) 1-Methylnaphthalene	11.71	142	5912388	508.327	ng		98
46) 1,1'-Biphenyl	12.29	154	1161648	66.749	ng		99
49) Acenaphthylene	12.97	152	127103	6.100	ng	#	72
50) Dimethylphthalate	12.80	163	141879	8.424	ng		99
52) Acenaphthene	13.27	154	1096311	87.465	ng		99
55) Dibenzofuran	13.55	168	71745	3.809	ng		95
58) Fluorene	14.12	166	518078	34.327	ng		97
71) Phenanthrene	15.65	178	1157800	50.755	ng		100
72) Anthracene	15.72	178	272560	12.122	ng		100
75) Fluoranthene	17.36	202	102719	4.253	ng		98
78) Pyrene	17.66	202	203277	7.446	ng		99

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

Quantitation Report (LSC Reviewed)

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Data File : BP001169.D
Acq On : 03 Dec 2019 22:08
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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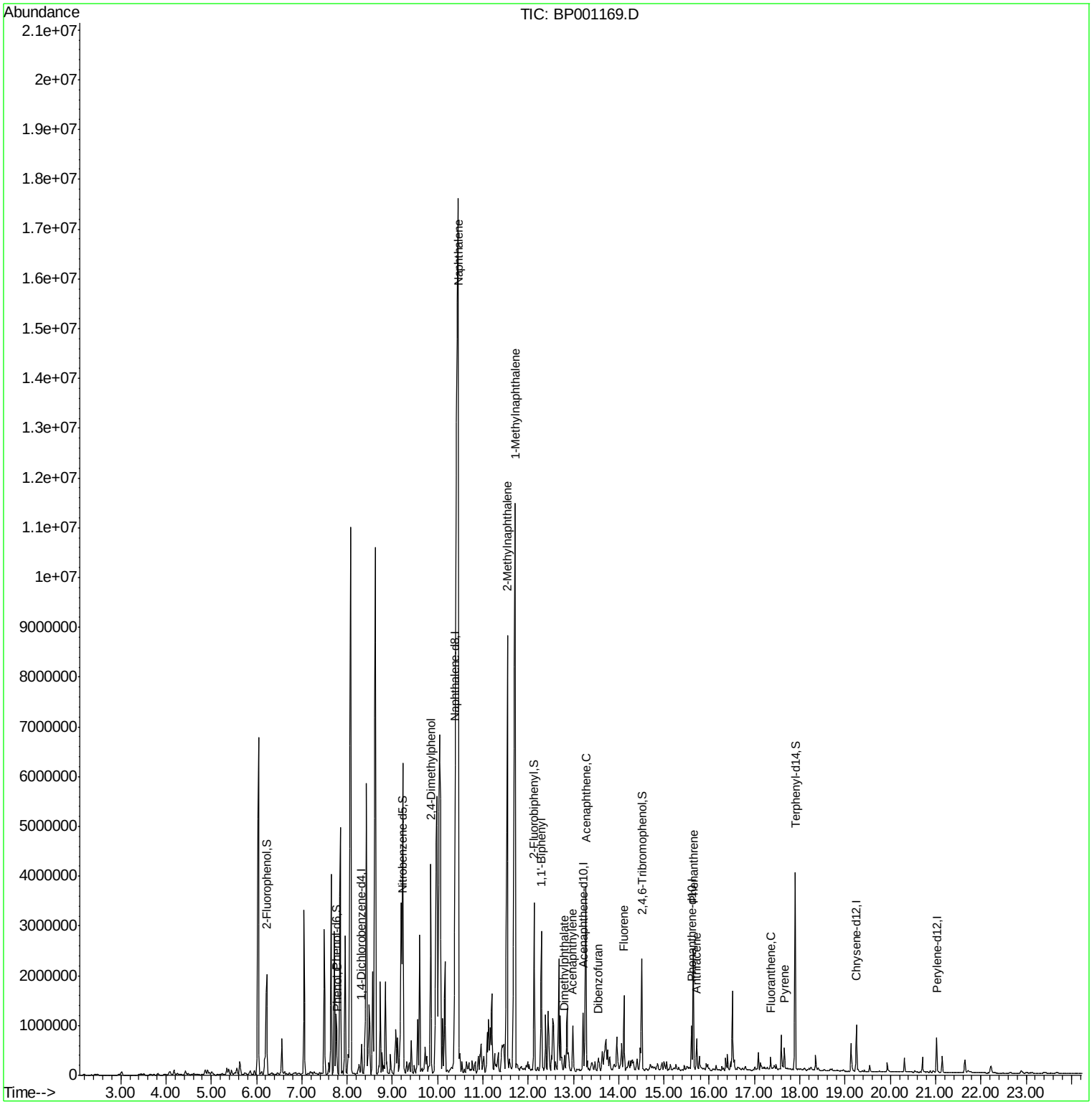
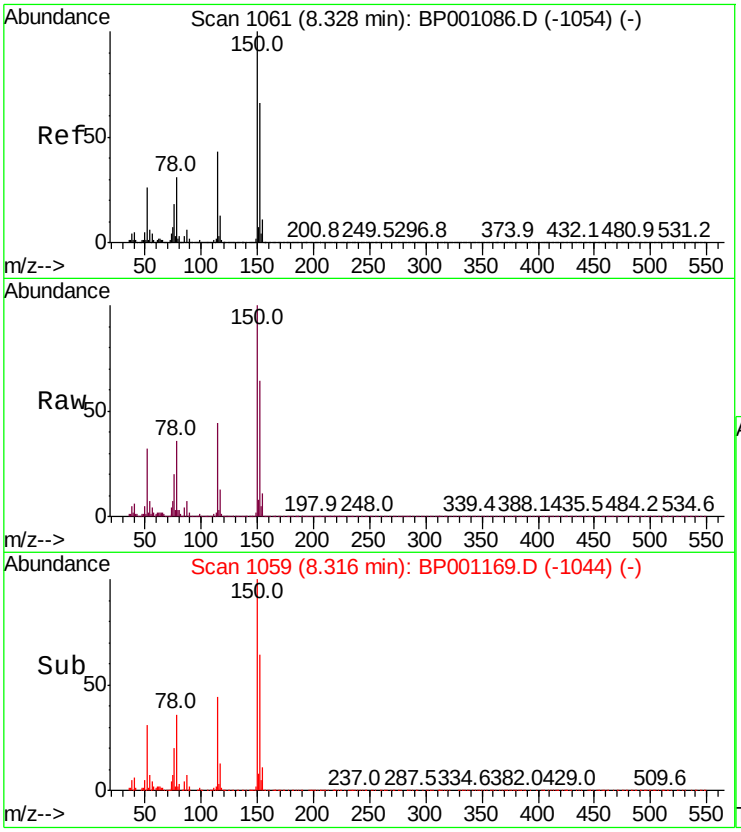


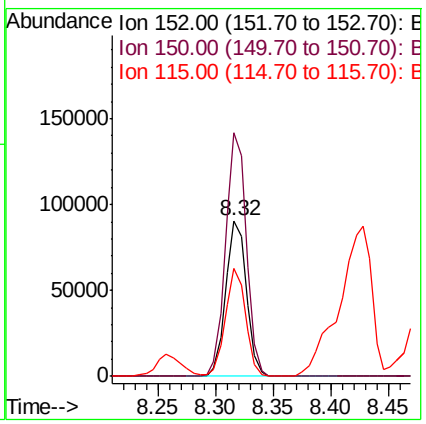


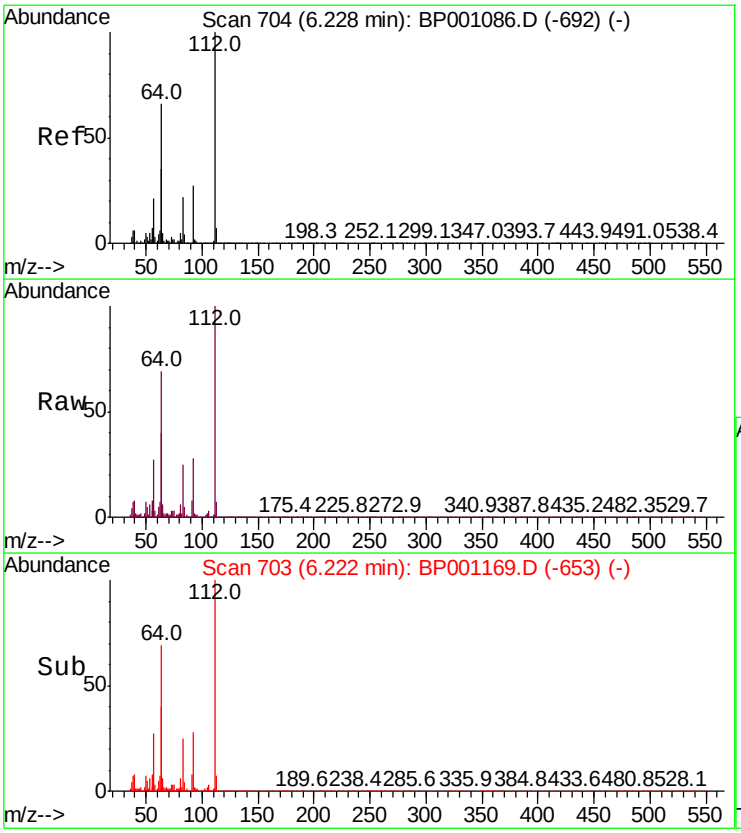
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:152 Resp: 111485

Ion	Ratio	Lower	Upper
152	100		
150	156.6	120.6	181.0
115	69.6	51.6	77.4

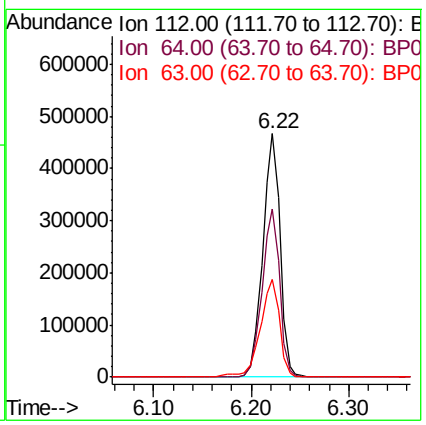


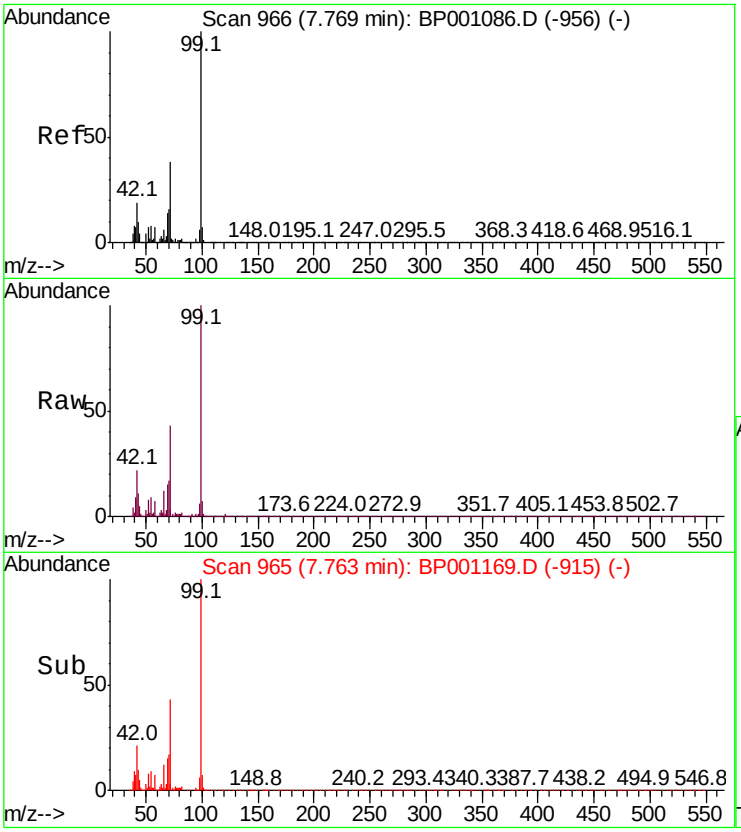


#5
2-Fluorophenol
Concen: 86.942 ng
RT: 6.22 min Scan# 703
Delta R.T. -0.01 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Tgt Ion:112 Resp: 584225

Ion	Ratio	Lower	Upper
112	100		
64	68.9	52.8	79.2
63	40.0	28.2	42.2



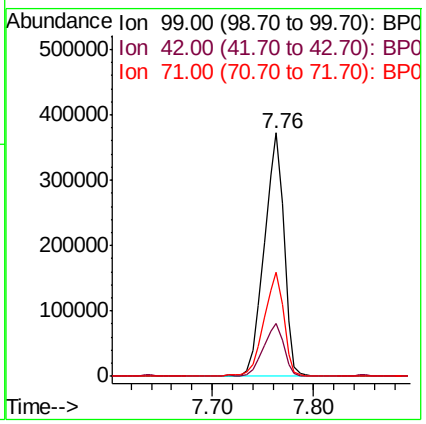


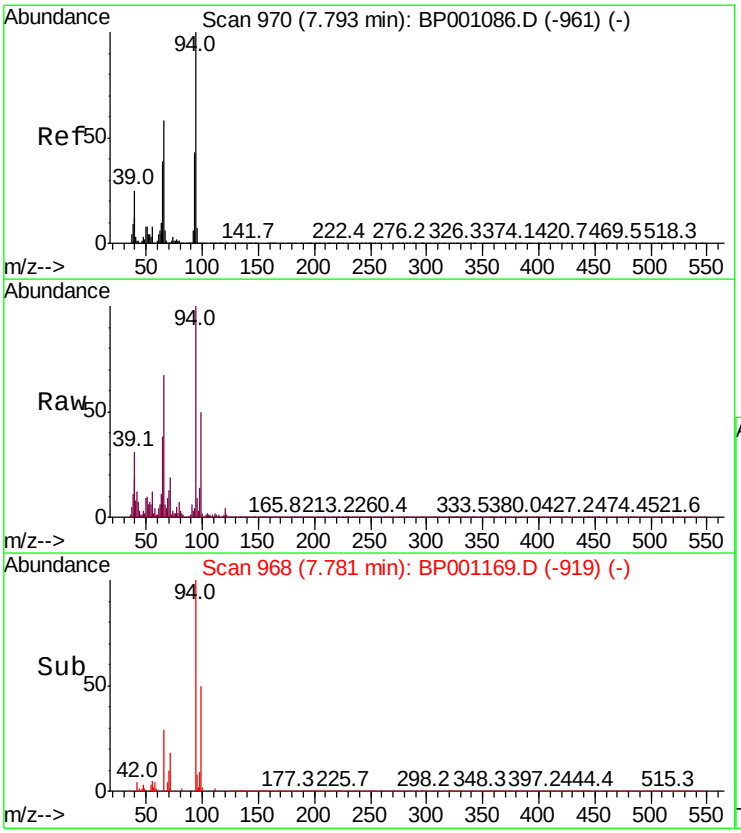
#7
Phenol-d6
Concen: 55.912 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion: 99 Resp: 500536

Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.4	23.0
71	42.8	30.8	46.2

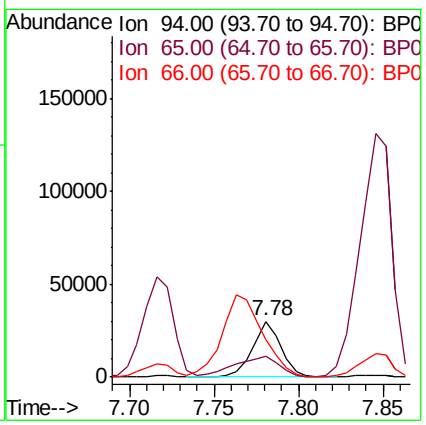


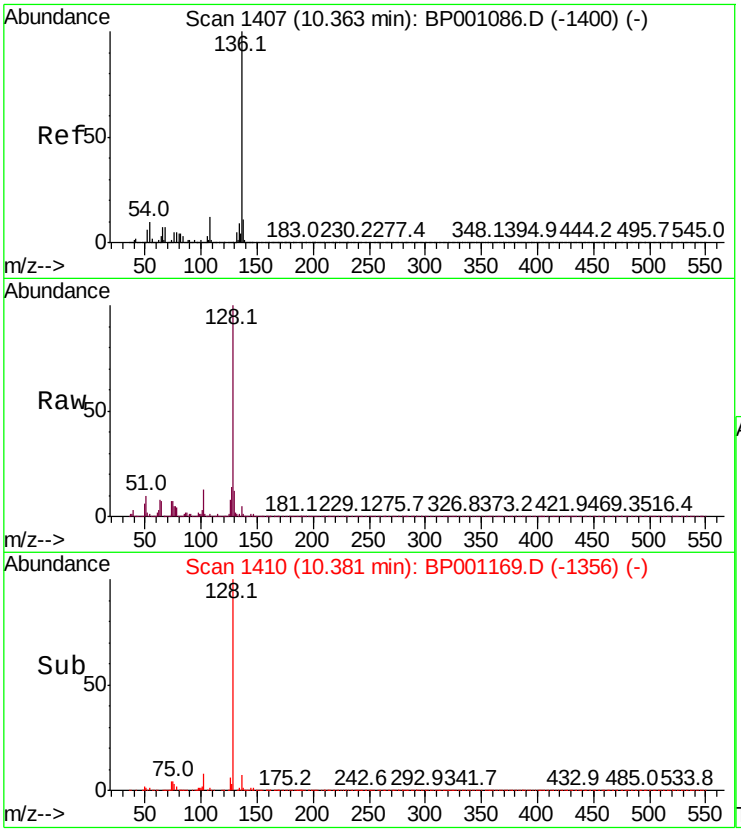


#10
Phenol
Concen: 3.478 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Tgt Ion: 94 Resp: 35414

Ion	Ratio	Lower	Upper
94	100		
65	38.4	18.6	58.6
66	66.8	37.6	77.6



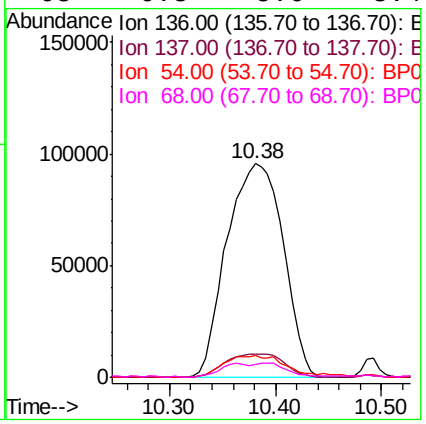


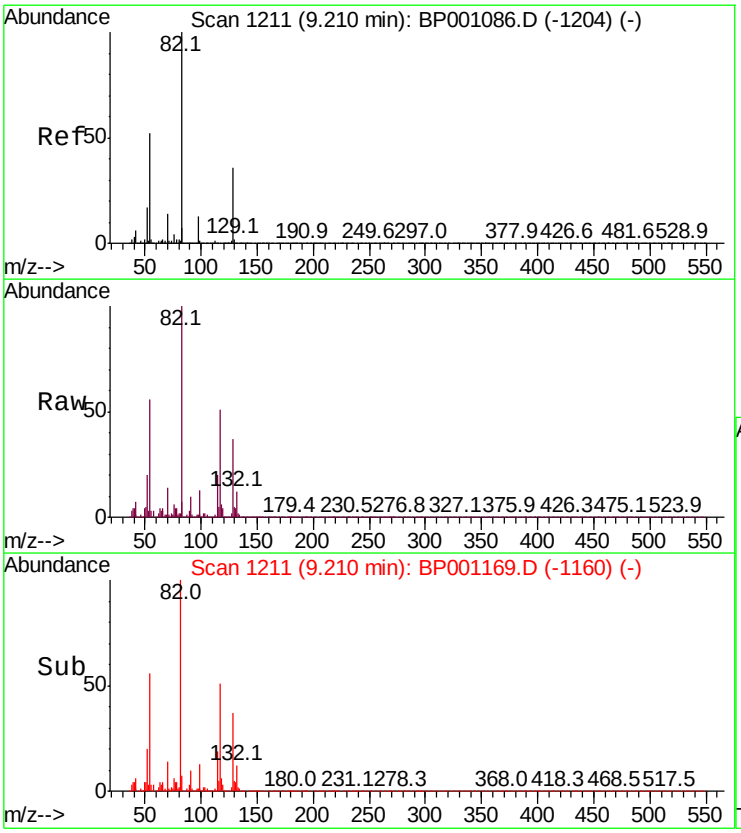
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.02 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:136 Resp: 353309

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.4	7.9	11.9
68	6.3	5.6	8.4

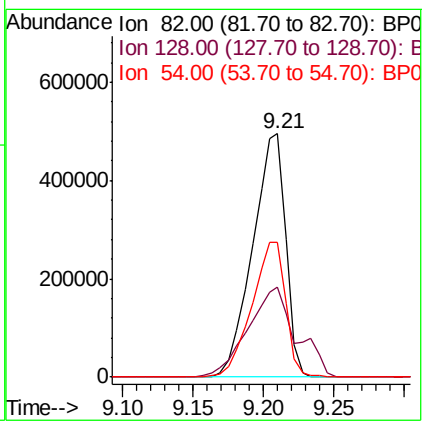


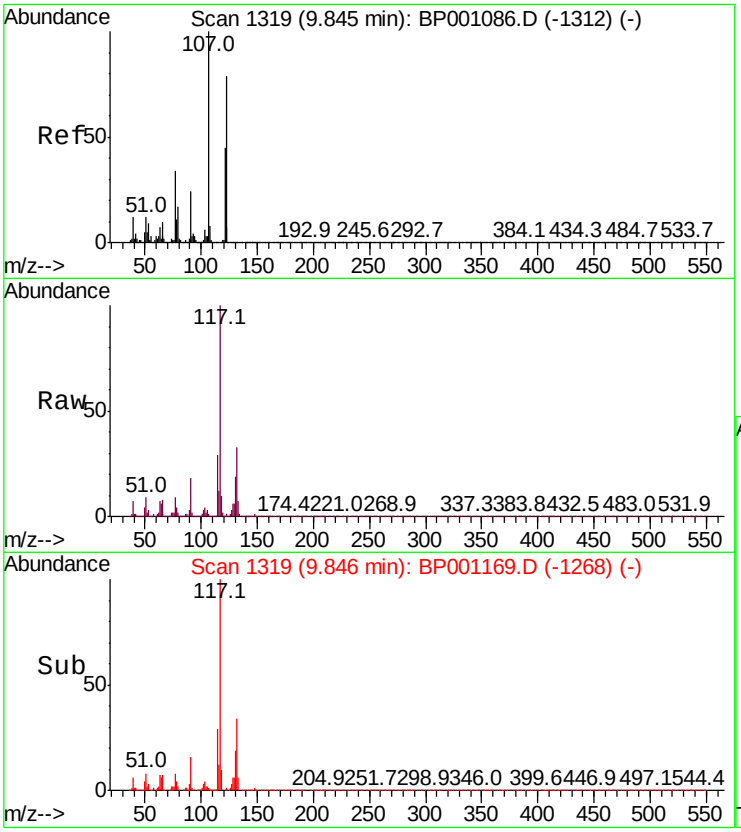


#23
Nitrobenzene-d5
Concen: 100.368 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Tgt Ion: 82 Resp: 817335

Ion	Ratio	Lower	Upper
82	100		
128	37.2	28.9	43.3
54	55.6	41.9	62.9



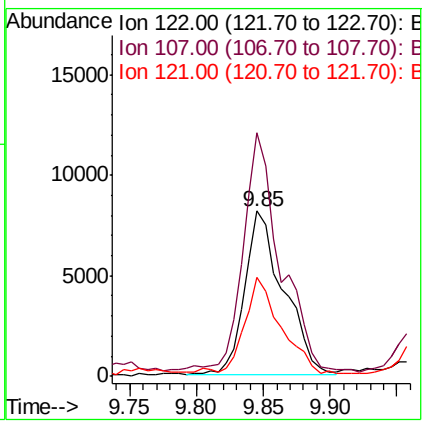


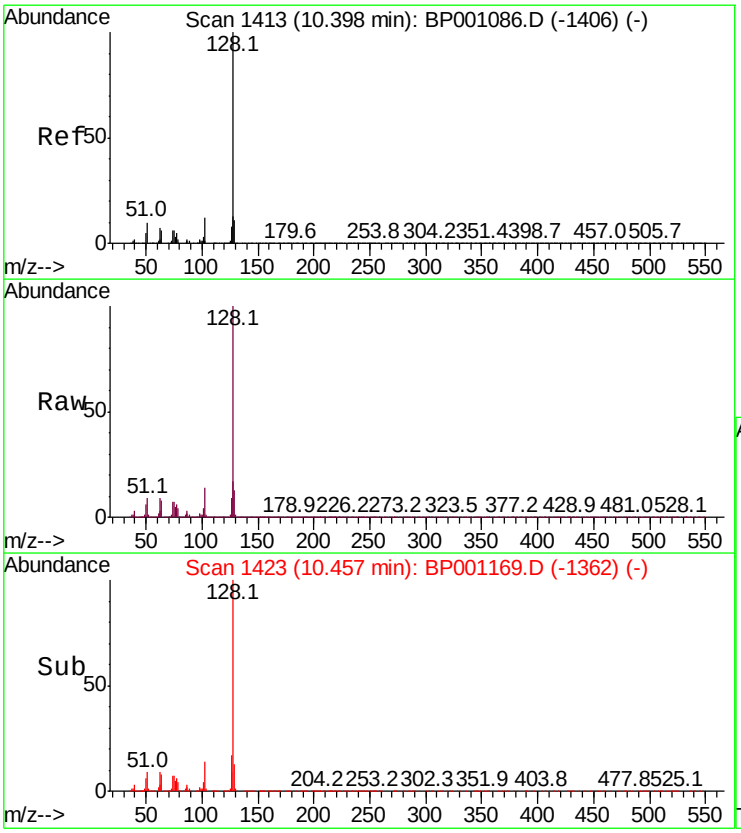
#27
2,4-Dimethylphenol
Concen: 3.451 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:122 Resp: 16214

Ion	Ratio	Lower	Upper
122	100		
107	147.2	101.9	152.9
121	60.1	46.1	69.1

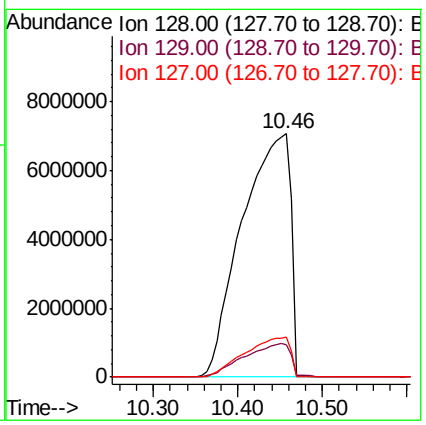


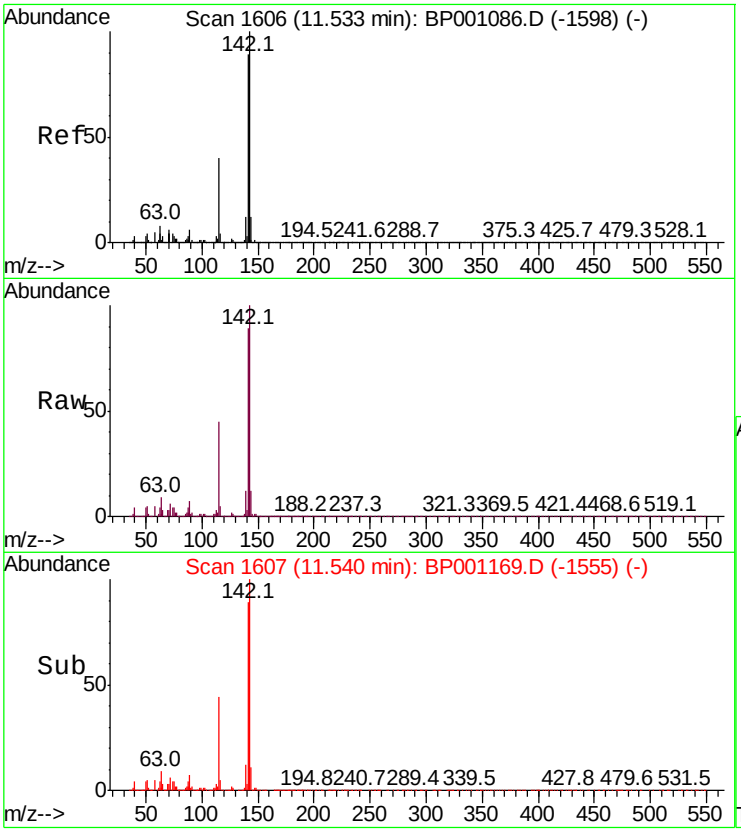


#31
Naphthalene
Concen: 1549.579 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.06 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Tgt Ion:128 Resp:27961151

Ion	Ratio	Lower	Upper
128	100		
129	13.5	8.8	13.2#
127	16.6	10.6	16.0#



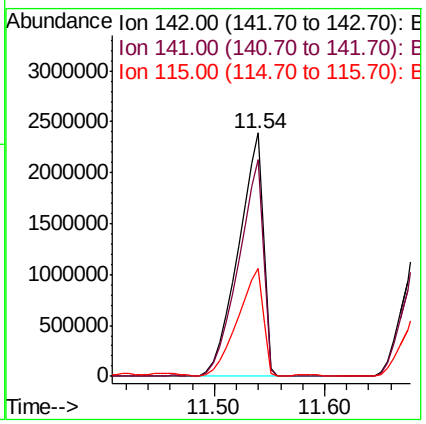


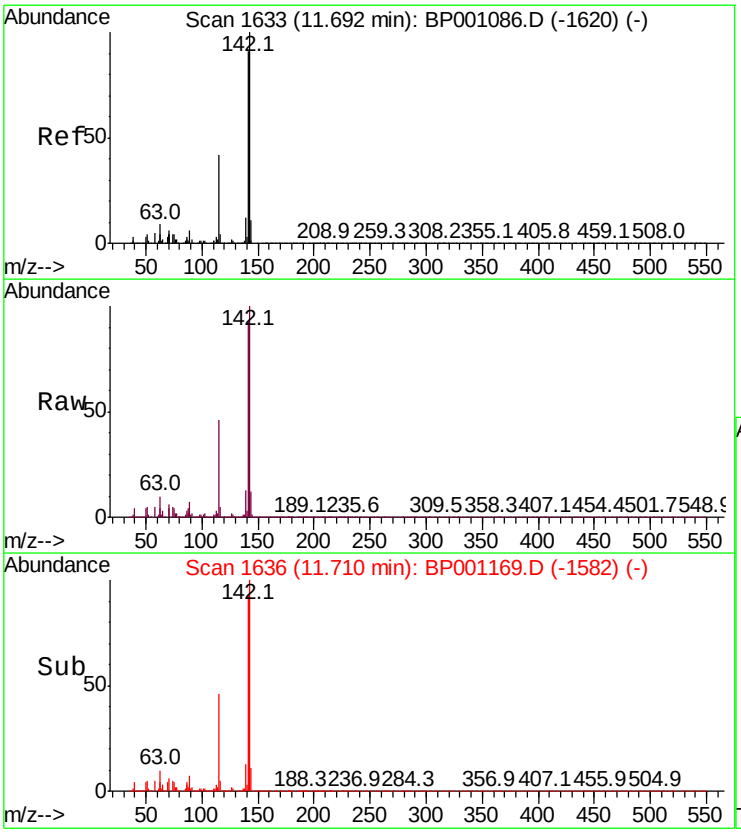
#37
2-Methylnaphthalene
Concen: 309.756 ng
RT: 11.54 min Scan# 1607
Delta R.T. 0.01 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:142 Resp: 3813935

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.1	106.7
115	44.5	32.3	48.5

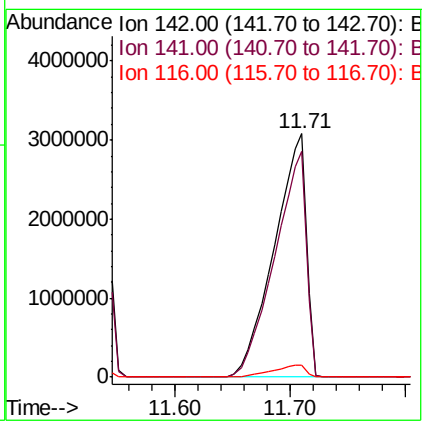


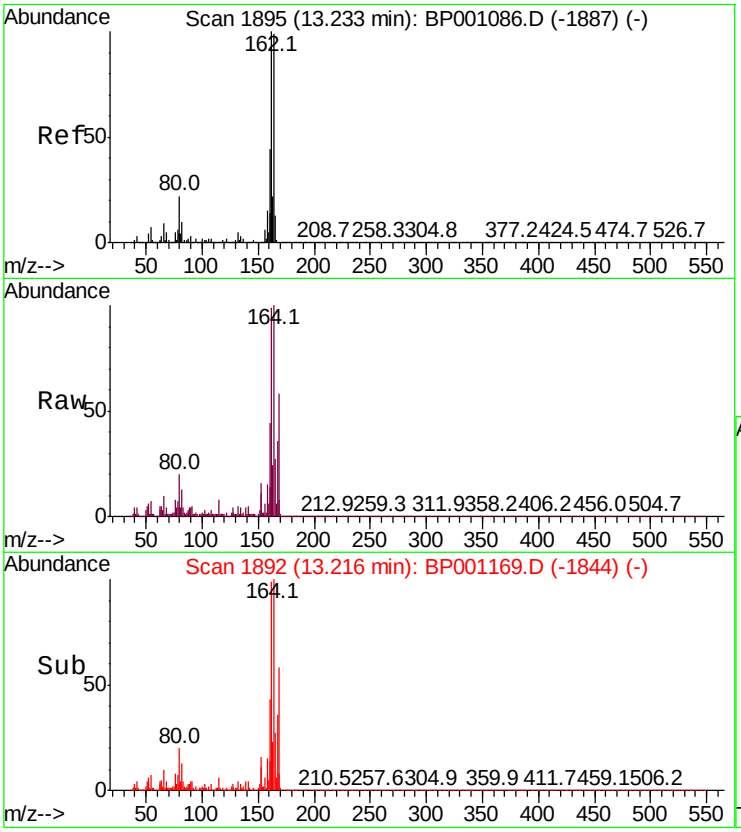


#38
1-Methylnaphthalene
Concen: 508.327 ng
RT: 11.71 min Scan# 1636
Delta R.T. 0.02 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Tgt Ion:142 Resp: 5912388

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.0	109.4
116	4.7	3.4	5.2



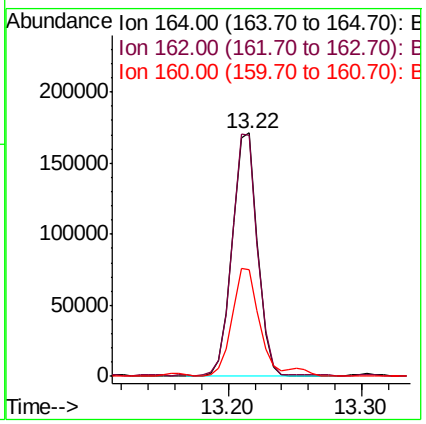


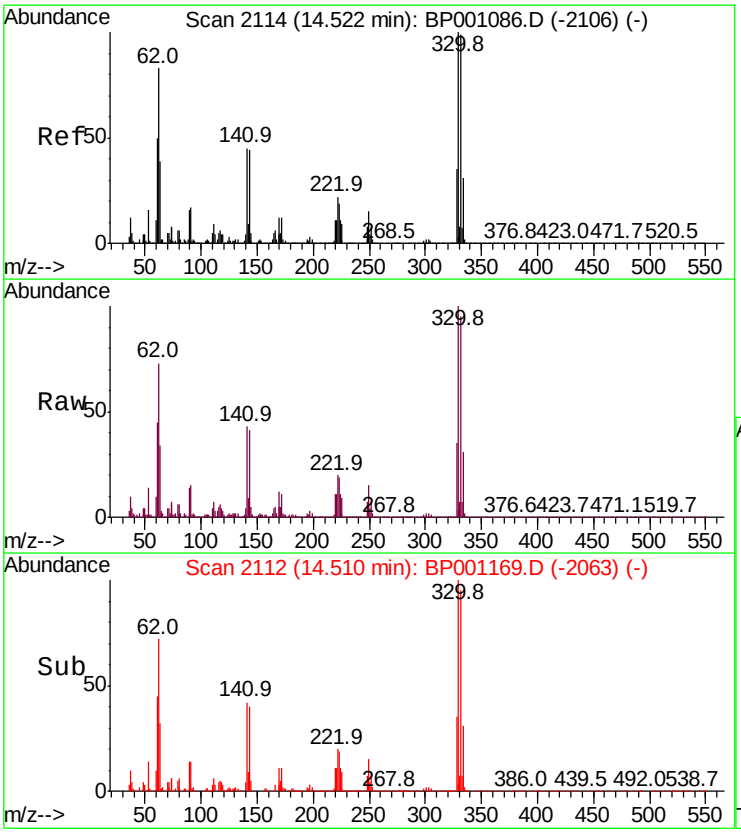
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.22 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:164 Resp: 225185

Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.6	120.8
160	43.6	35.4	53.2

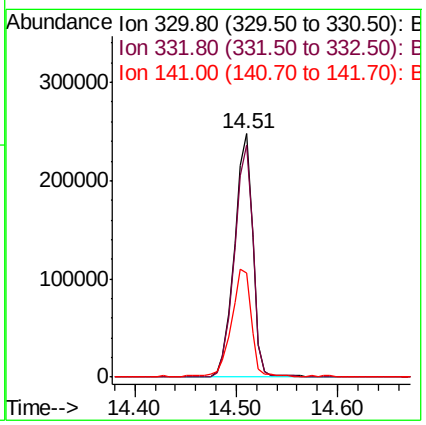


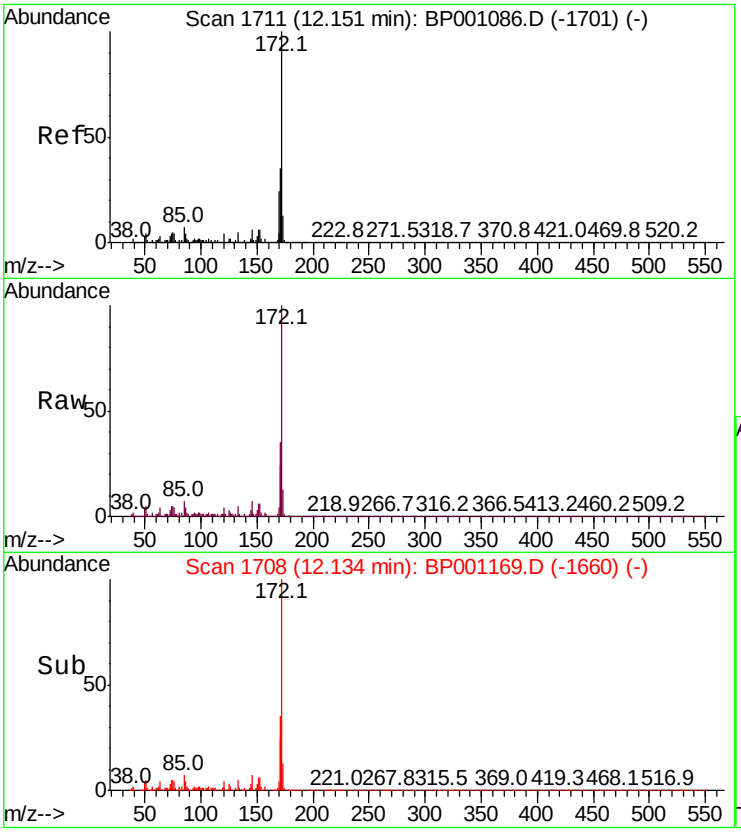


#42
2,4,6-Tribromophenol
Concen: 145.053 ng
RT: 14.51 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Tgt Ion:330 Resp: 313082

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	46.6	34.2	51.2



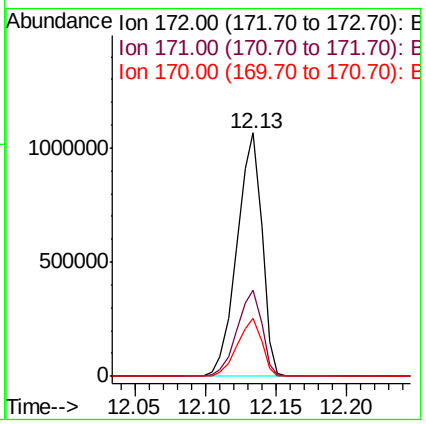


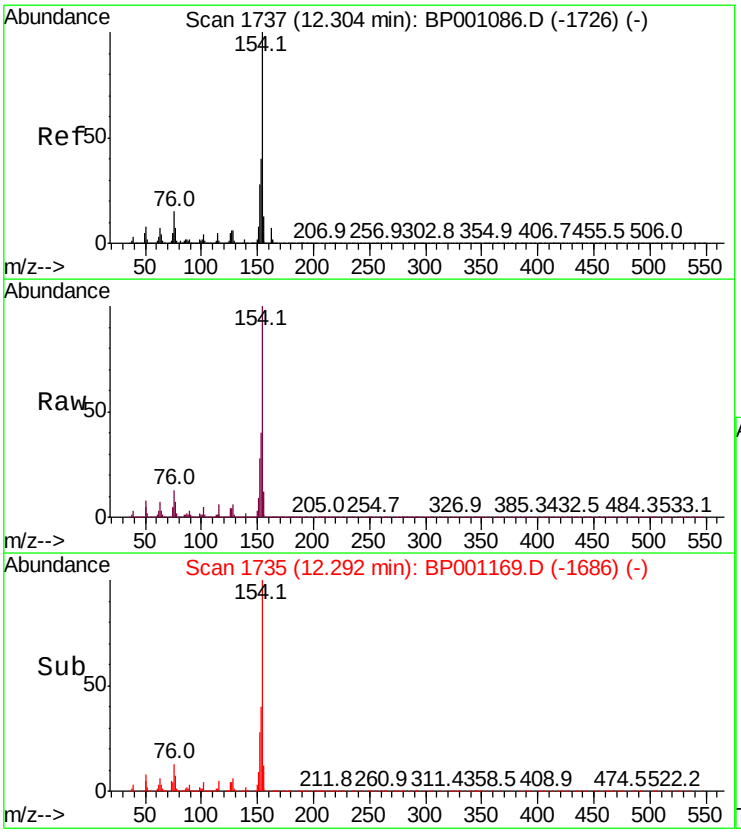
#45
2-Fluorobiphenyl
Concen: 85.443 ng
RT: 12.13 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:172 Resp: 1314622

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	24.0	19.0	28.4

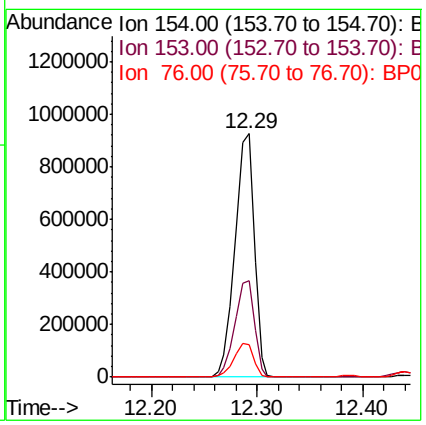


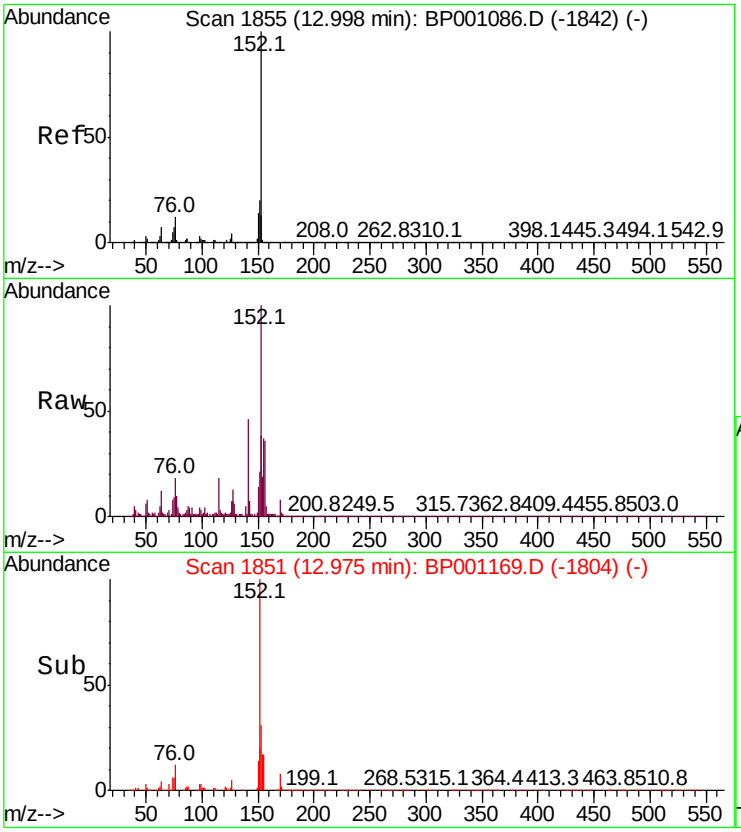


#46
1,1'-Biphenyl
Concen: 66.749 ng
RT: 12.29 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Tgt Ion:154 Resp: 1161648

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.2	60.2
76	13.4	0.0	34.5



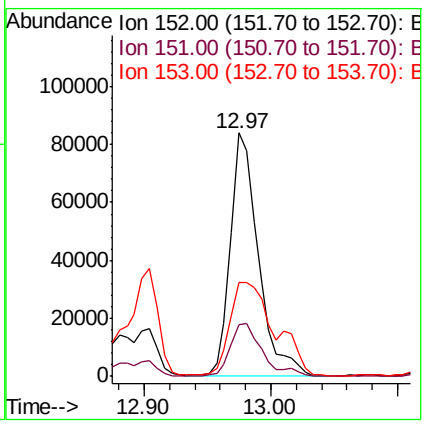


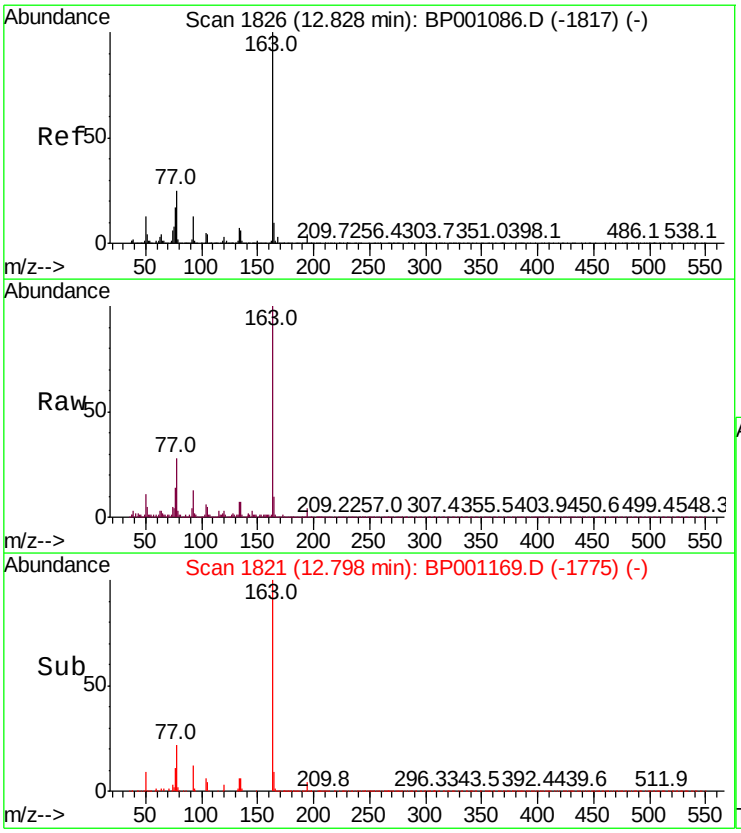
#49
Acenaphthylene
Concen: 6.100 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:152 Resp: 127103

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.8	23.8
153	38.5	10.2	15.4#

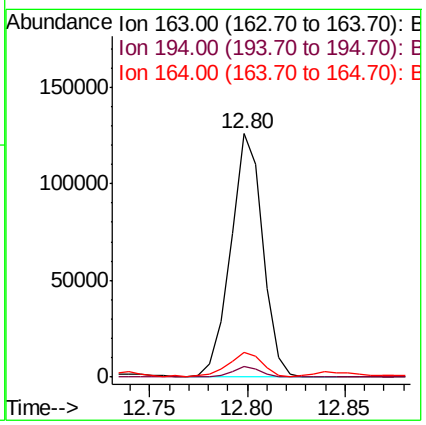


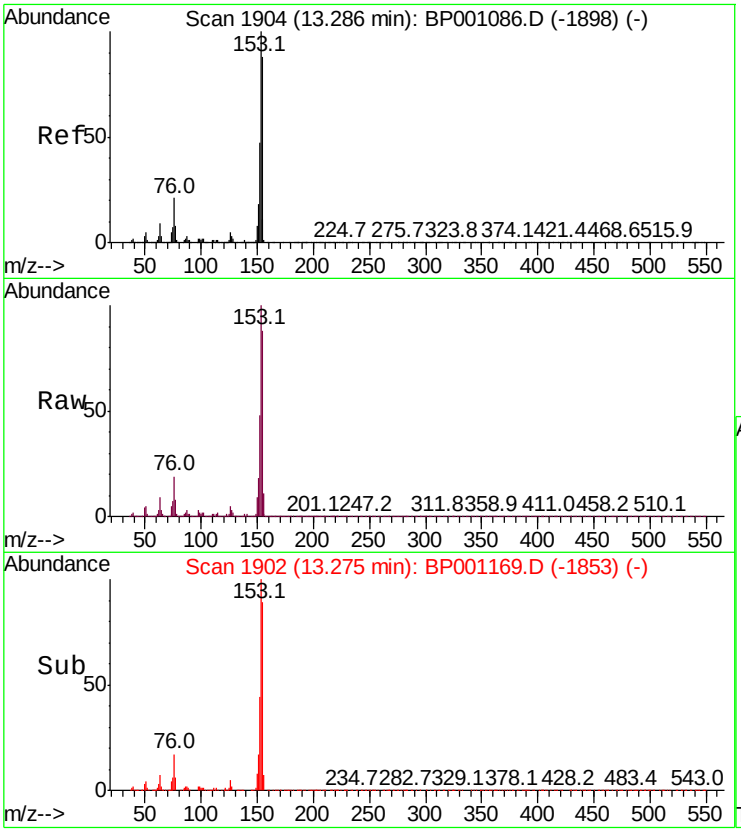


#50
Dimethylphthalate
Concen: 8.424 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.03 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Tgt Ion:163 Resp: 141879

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.9	8.1	12.1



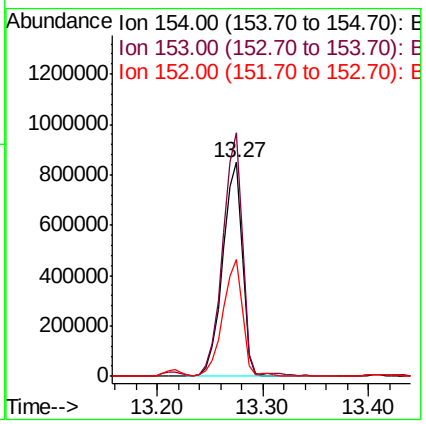


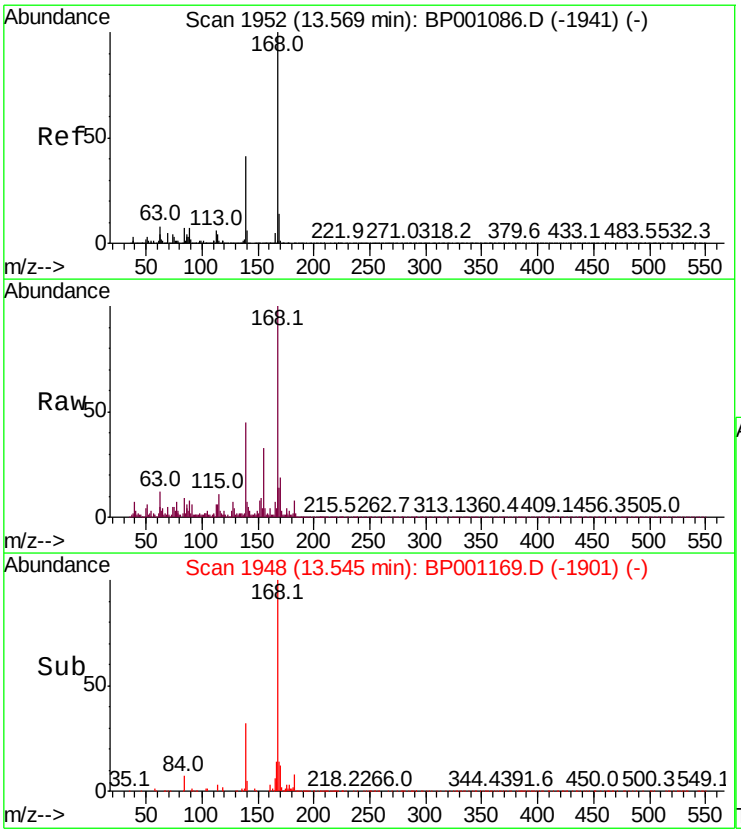
#52
Acenaphthene
Concen: 87.465 ng
RT: 13.27 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:154 Resp: 1096311

Ion	Ratio	Lower	Upper
154	100		
153	113.8	90.5	135.7
152	54.4	42.6	64.0

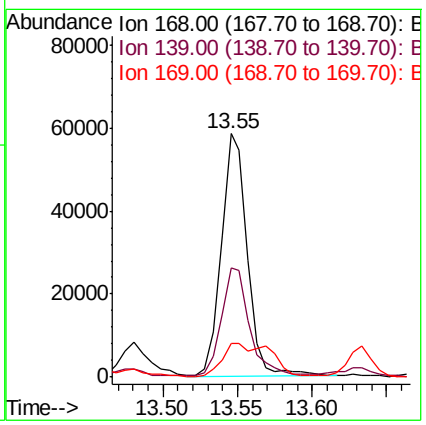


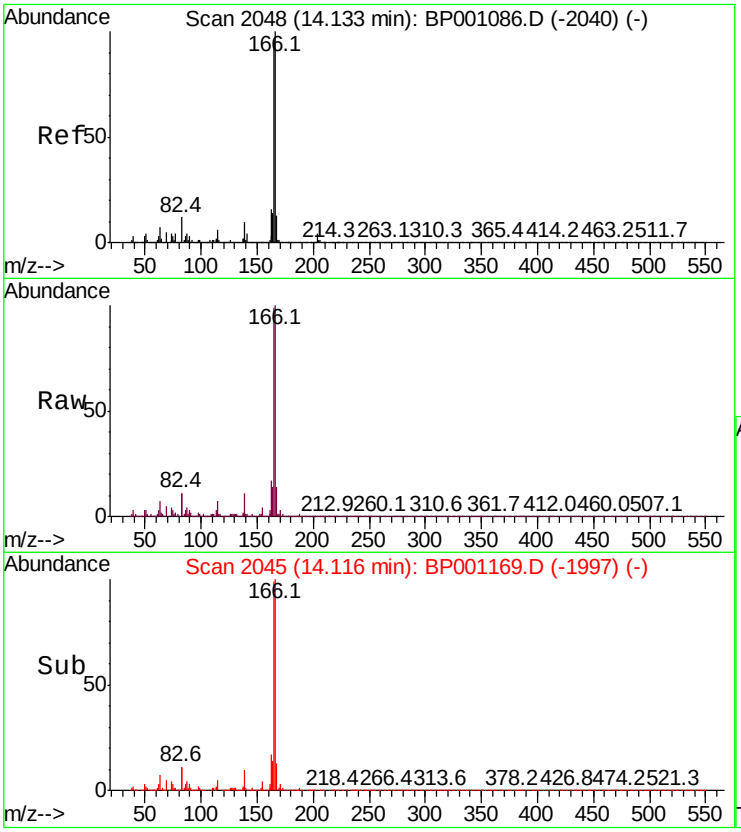


#55
Dibenzofuran
Concen: 3.809 ng
RT: 13.55 min Scan# 1948
Delta R.T. -0.02 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Tgt Ion:168 Resp: 71745

Ion	Ratio	Lower	Upper
168	100		
139	44.8	32.8	49.2
169	14.0	10.9	16.3



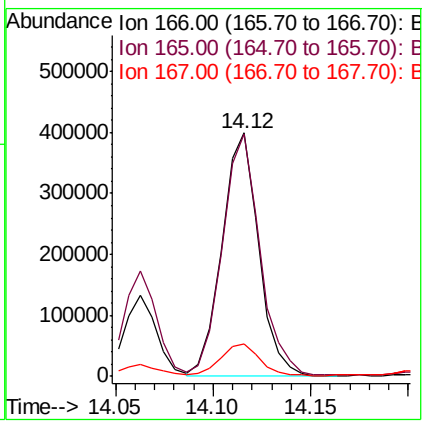


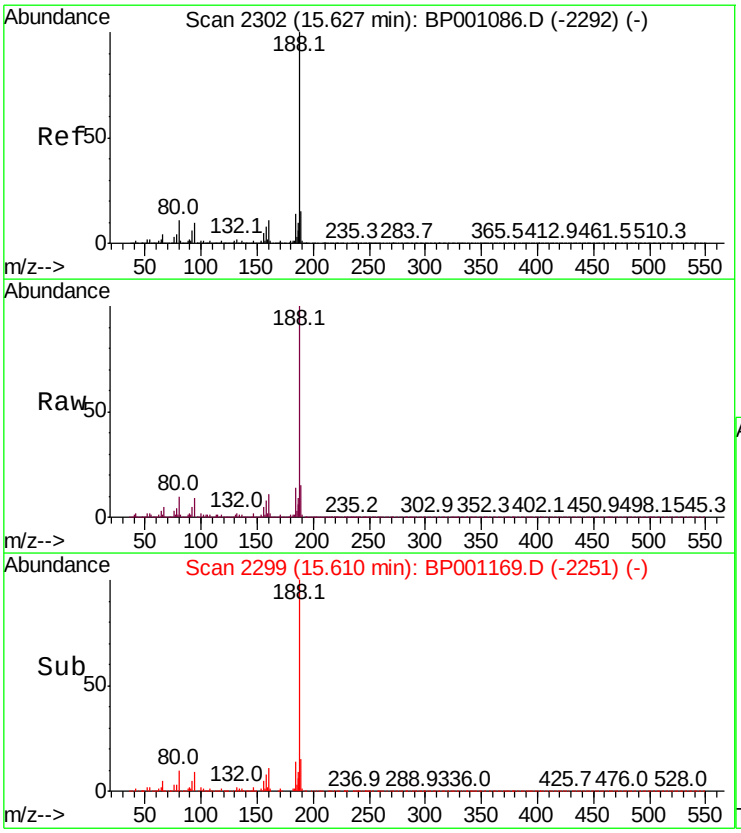
#58
Fluorene
Concen: 34.327 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.02 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:166 Resp: 518078

Ion	Ratio	Lower	Upper
166	100		
165	99.5	76.7	115.1
167	13.6	10.5	15.7

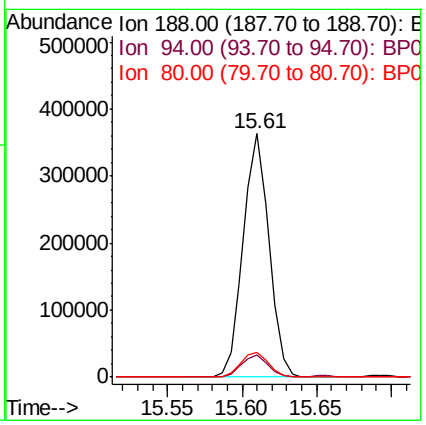


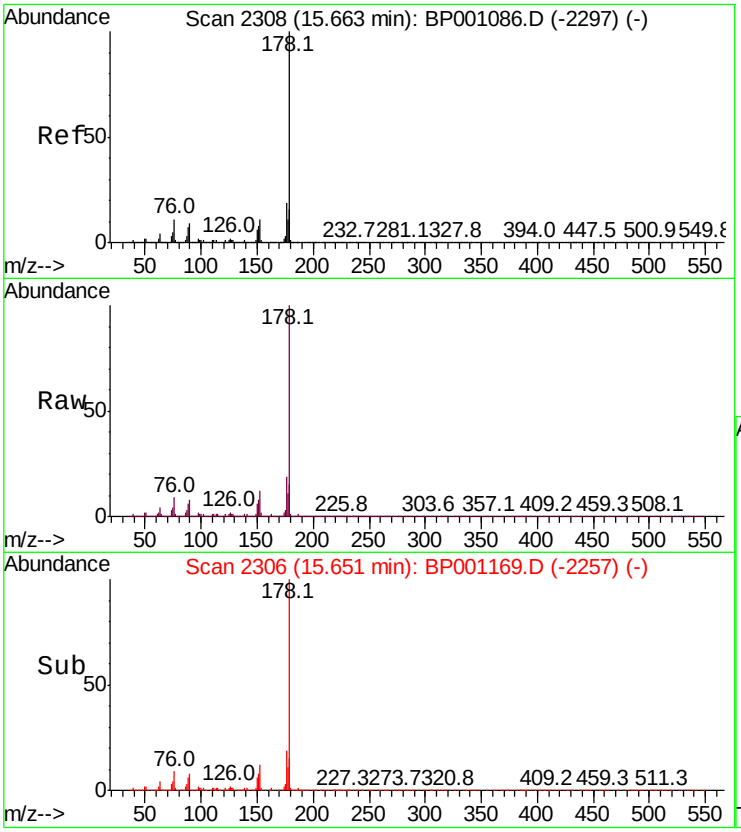


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Tgt Ion:188 Resp: 433899

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.9	11.9
80	10.2	8.8	13.2



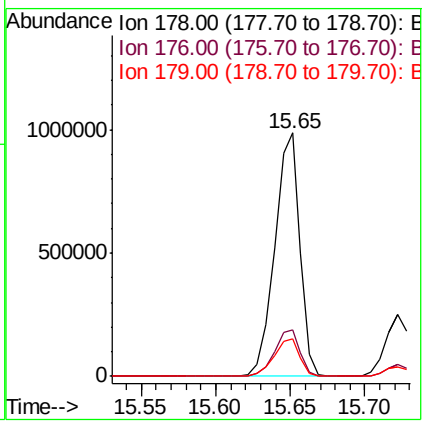


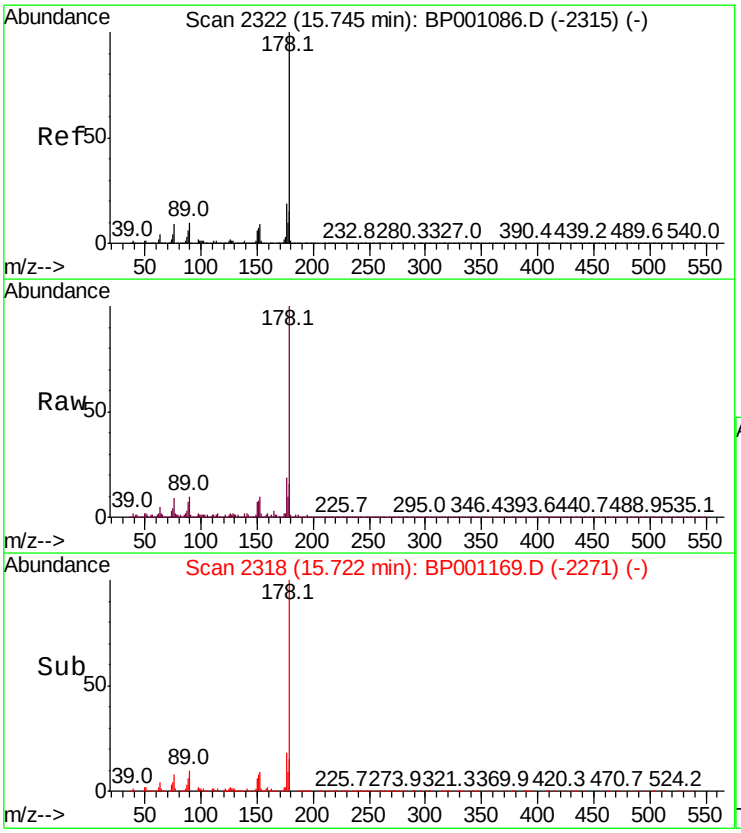
#71
Phenanthrene
Concen: 50.755 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:178 Resp: 1157800

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.5	18.7

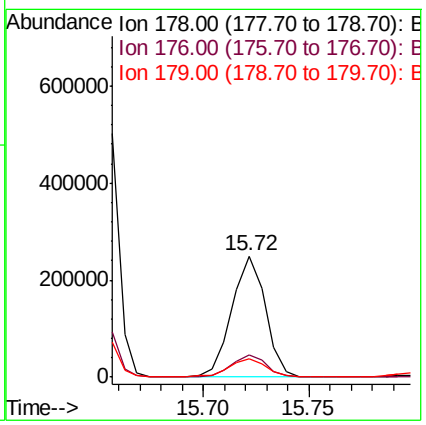


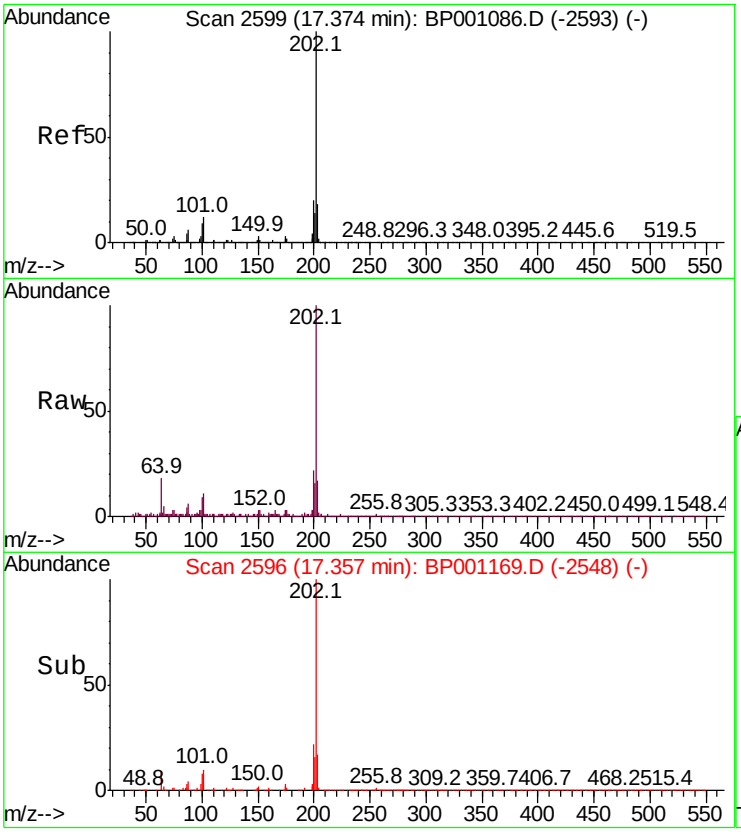


#72
Anthracene
Concen: 12.122 ng
RT: 15.72 min Scan# 2318
Delta R.T. -0.02 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Tgt Ion:178 Resp: 272560

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.6	12.2	18.4



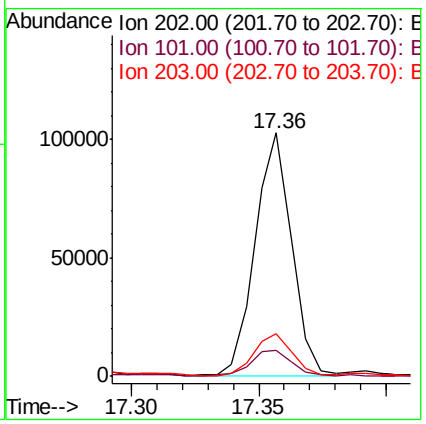


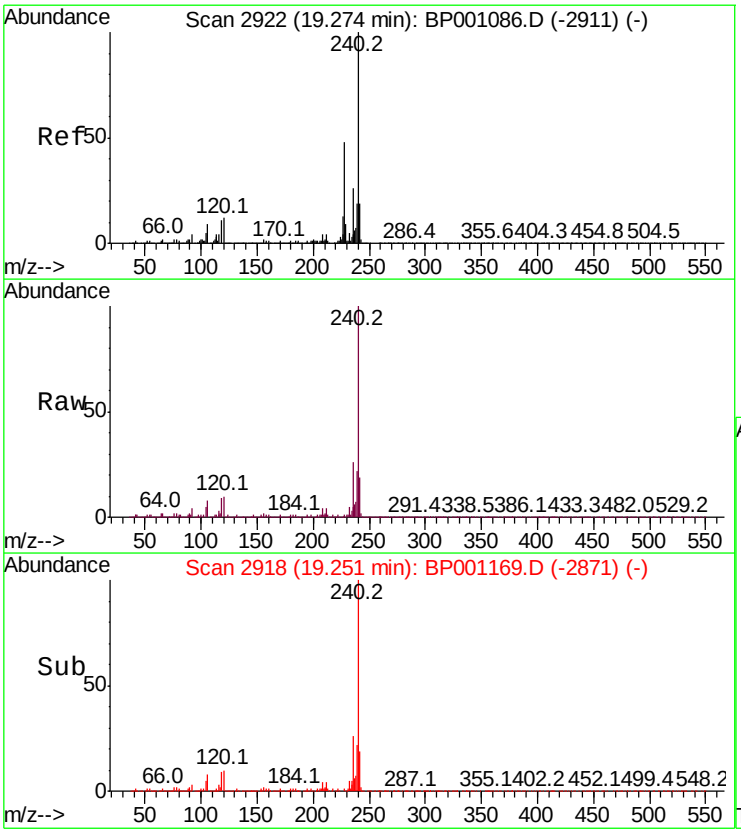
#75
Fluoranthene
Concen: 4.253 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.02 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:202 Resp: 102719

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	32.1
203	17.3	0.0	37.8

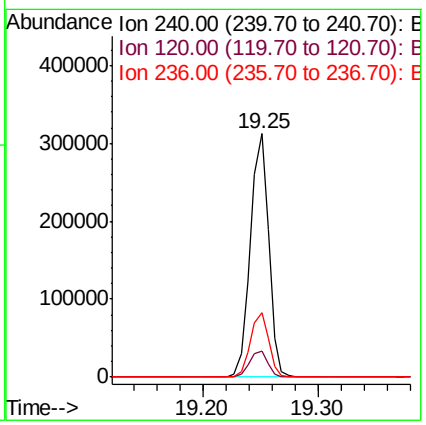


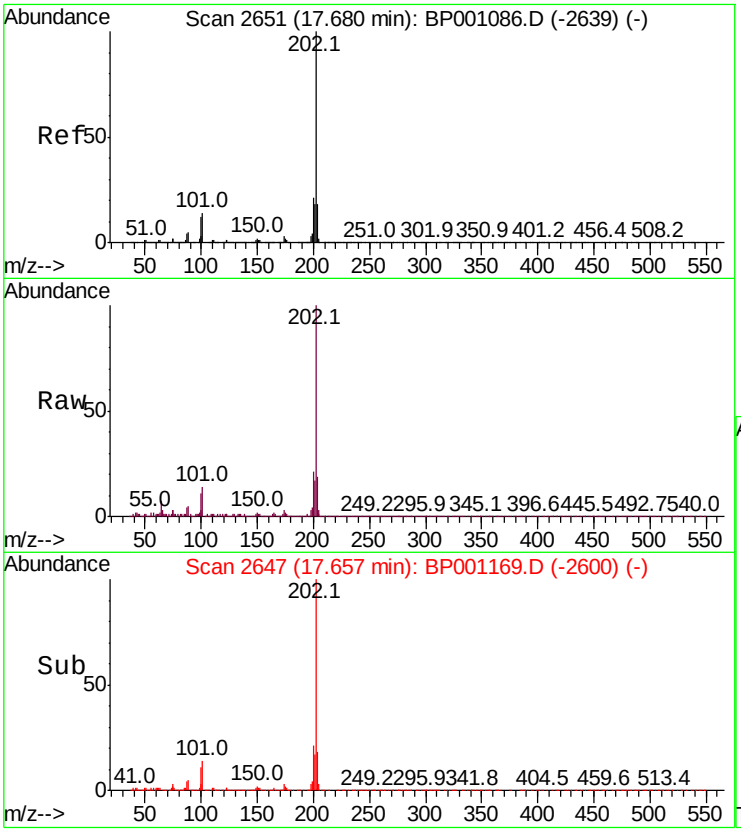


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2918
Delta R.T. -0.02 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Tgt Ion:240 Resp: 346618

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	26.3	20.4	30.6



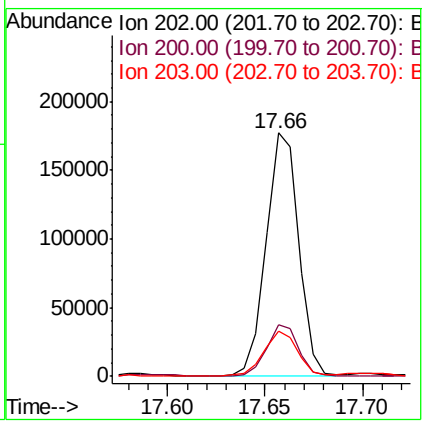


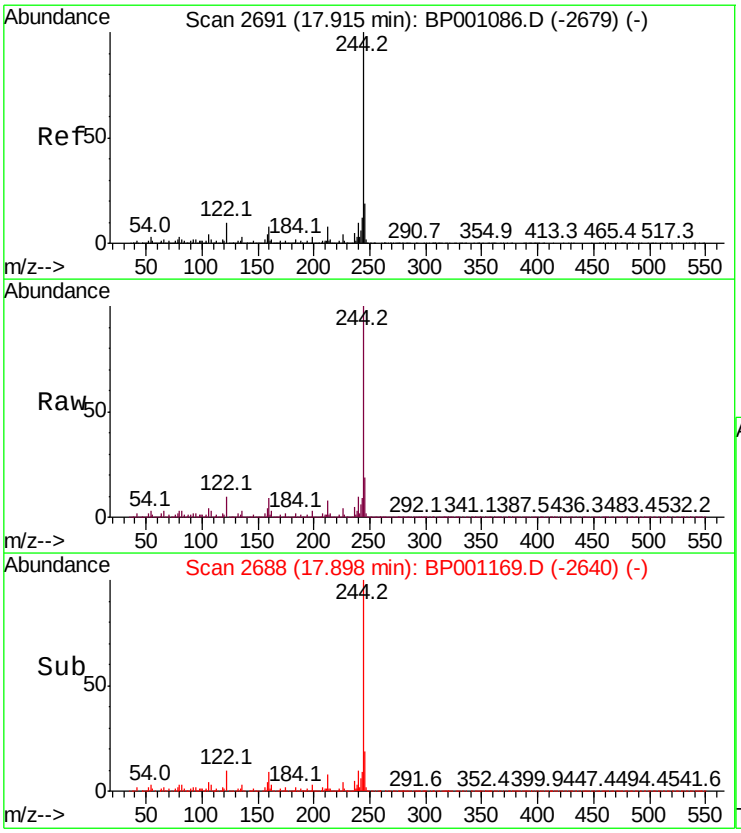
#78
Pyrene
Concen: 7.446 ng
RT: 17.66 min Scan# 2647
Delta R.T. -0.02 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:202 Resp: 203277

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6
203	18.6	14.1	21.1

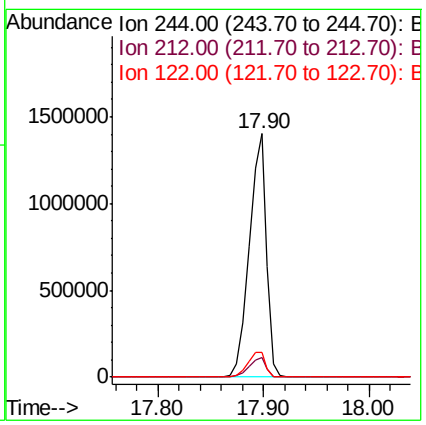


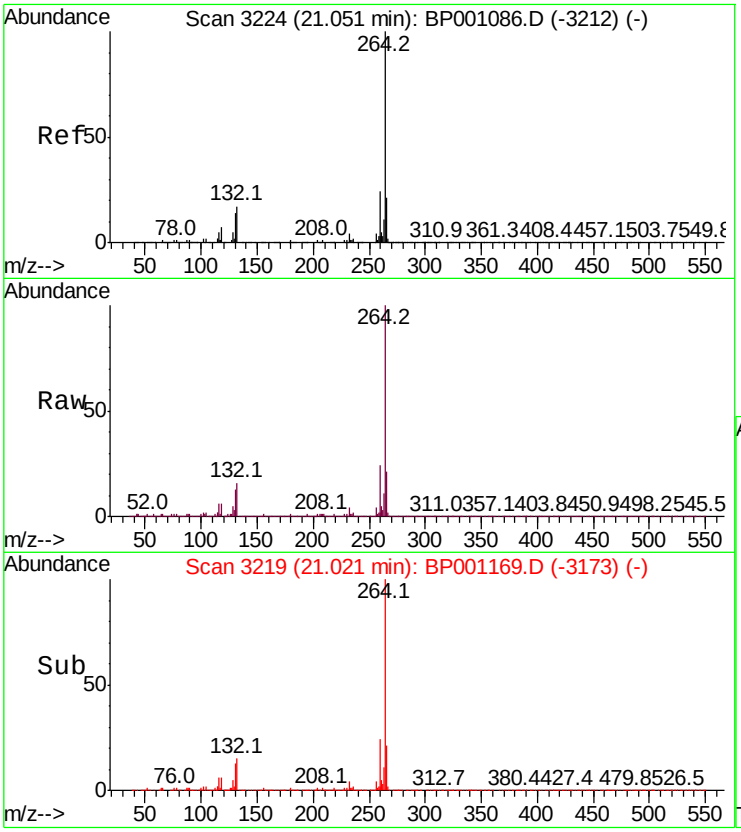


#79
Terphenyl-d14
Concen: 84.741 ng
RT: 17.90 min Scan# 2688
Delta R.T. -0.02 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Tgt Ion:244 Resp: 1587637

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	10.2	8.2	12.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. -0.03 min
Lab File: BP001169.D
Acq: 03 Dec 2019 22:08

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:264 Resp: 360800

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	21.1	16.9	25.3