Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001141.D
Acq On : 02 Dec 2019 22:42
Operator : JU
Sample : K5959-07DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Dec 03 00:19:33 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	8.33	152	142091	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	544758	20.00	ng		0.00
39) Acenaphthene-d10	13.23	164	302981	20.00	ng		0.00
64) Phenanthrene-d10	15.63	188	563736	20.00	ng		0.00
76) Chrysene-d12	19.27	240	420187	20.00	ng		0.00
87) Perylene-d12	21.06	264	470564	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	108649	12.69	ng		0.00
7) Phenol-d6	7.76	99	151734	13.30	ng		0.00
23) Nitrobenzene-d5	9.20	82	92849	7.39	ng		0.00
42) 2,4,6-Tribromophenol	14.52	330	29213	10.06	ng		0.00
45) 2-Fluorobiphenyl	12.14	172	166595	8.05	ng		-0.01
79) Terphenyl-d14	17.91	244	176142	7.76	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.63	77	627	Below Cal		#	72
49) Acenaphthylene	12.99	152	64282	2.293	ng		96
54) 2,4-Dinitrophenol	13.33	184	5	7.111	ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.22	198	11	6.280	ng	#	1
71) Phenanthrene	15.66	178	560197	18.902	ng		100
72) Anthracene	15.74	178	157691	5.398	ng		97
75) Fluoranthene	17.37	202	943381	30.067	ng		100
78) Pyrene	17.69	202	1397897	42.239	ng		100
81) Benzo(a)anthracene	19.26	228	683616	23.465	ng		98
83) Chrysene	19.31	228	709726	27.205	ng		98
84) Bis(2-ethylhexyl)phthalate	19.32	149	377271	17.951	ng		98
86) Indeno(1,2,3-cd)pyrene	22.70	276	213074	6.930	ng		97
88) Benzo(b)fluoranthene	20.57	252	734367	25.550	ng		98
89) Benzo(k)fluoranthene	20.57	252	734367	26.528	ng		98
90) Benzo(a)pyrene	20.98	252	471163	17.797	ng		98
91) Dibenzo(a,h)anthracene	22.72	278	68311	2.637	ng		93
92) Benzo(g,h,i)perylene	23.19	276	208380	8.145	ng		95

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

Quantitation Report (Not Reviewed)

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ALS Vial : 22 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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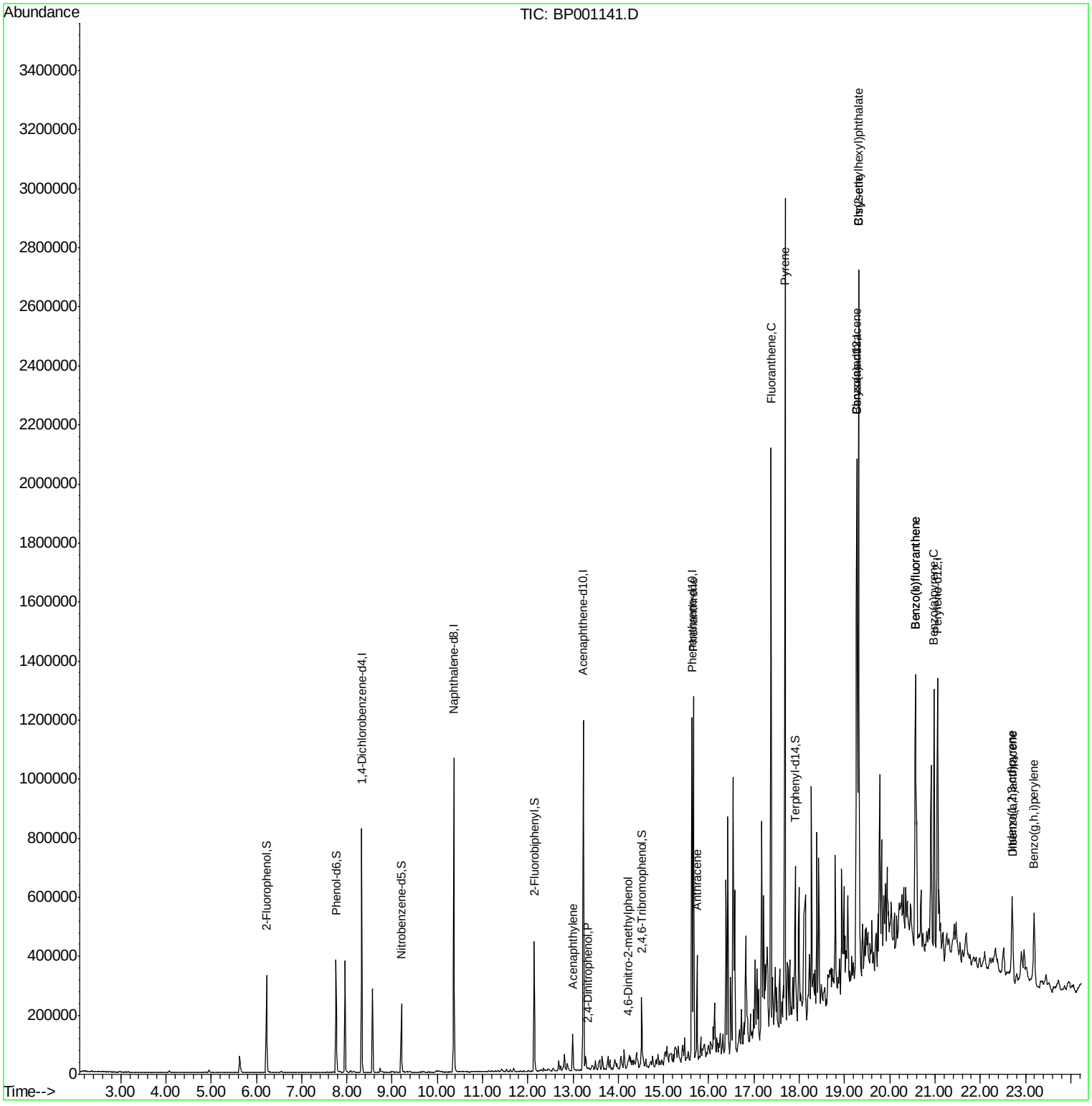
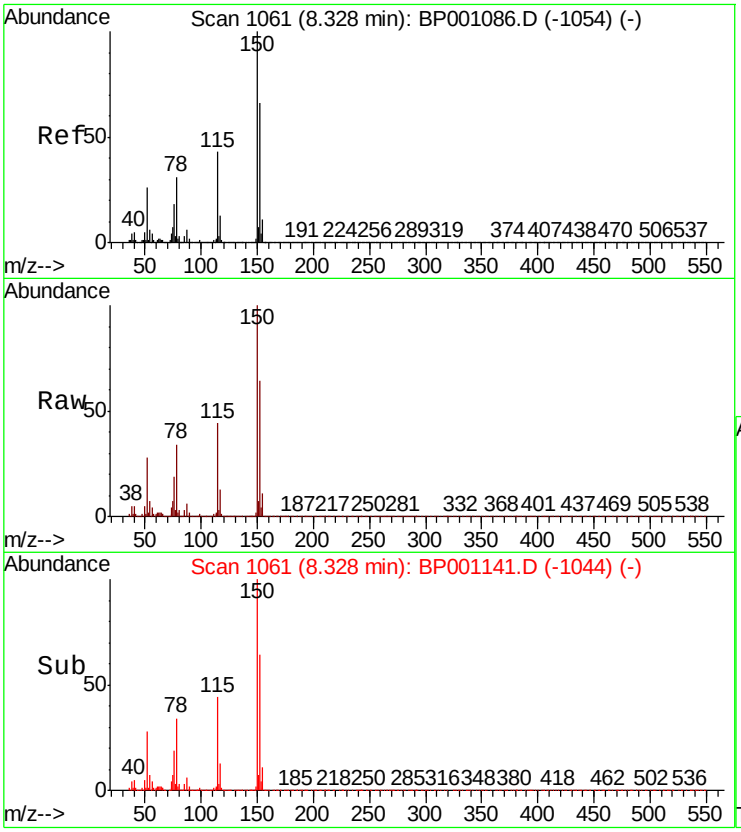


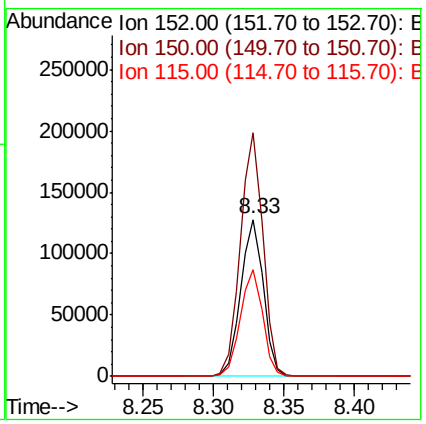


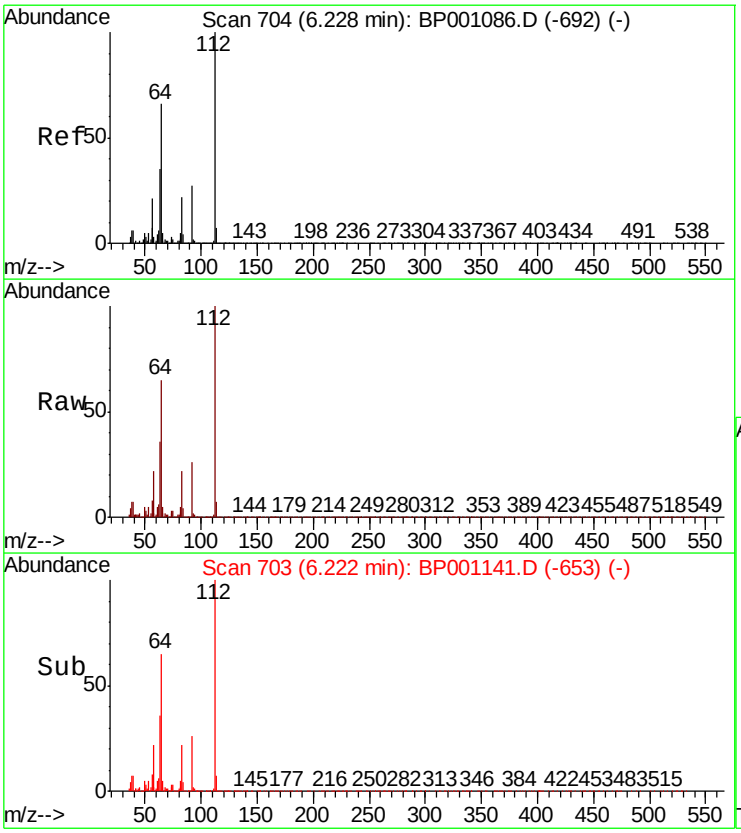
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 142091

Ion	Ratio	Lower	Upper
152	100		
150	155.5	120.6	181.0
115	68.3	51.6	77.4

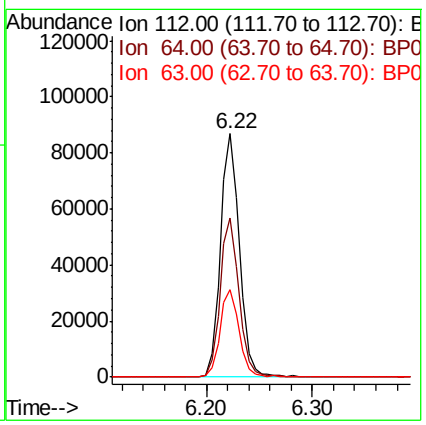


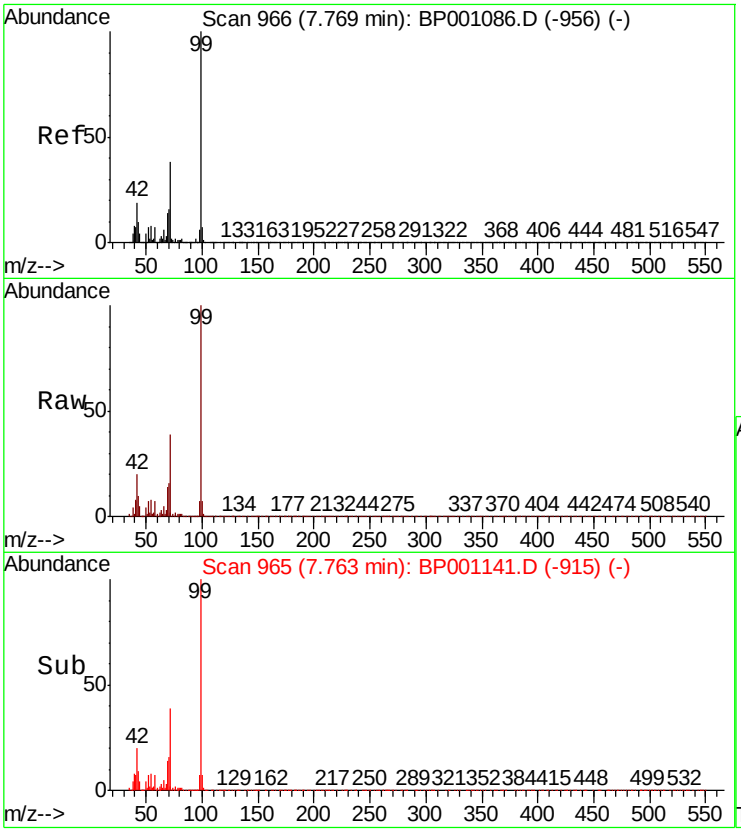


#5
2-Fluorophenol
Concen: 12.686 ng
RT: 6.22 min Scan# 703
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion:112 Resp: 108649

Ion	Ratio	Lower	Upper
112	100		
64	65.5	52.8	79.2
63	36.0	28.2	42.2



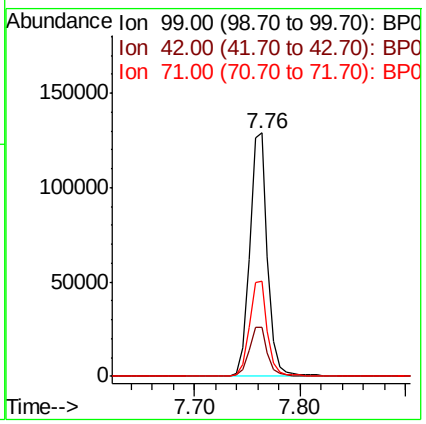


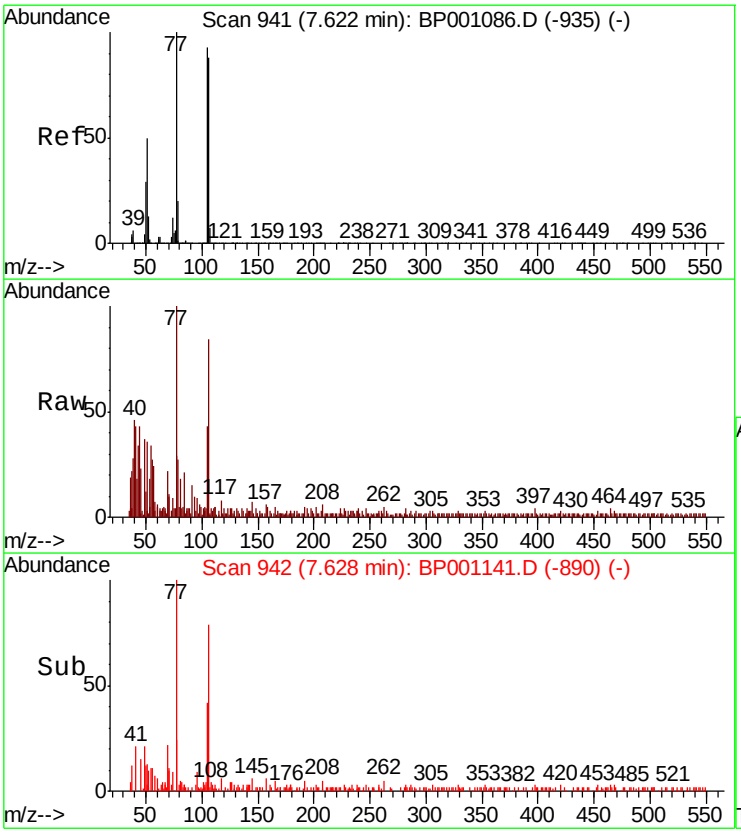
#7
Phenol-d6
Concen: 13.298 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 151734

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.4	23.0
71	39.3	30.8	46.2

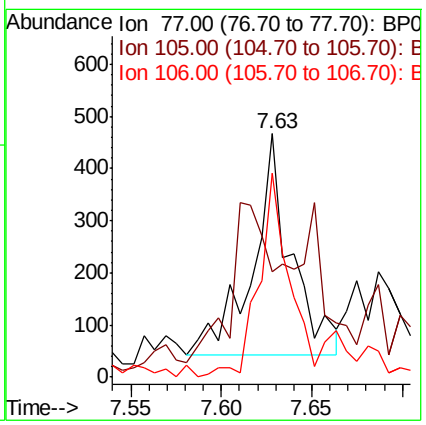


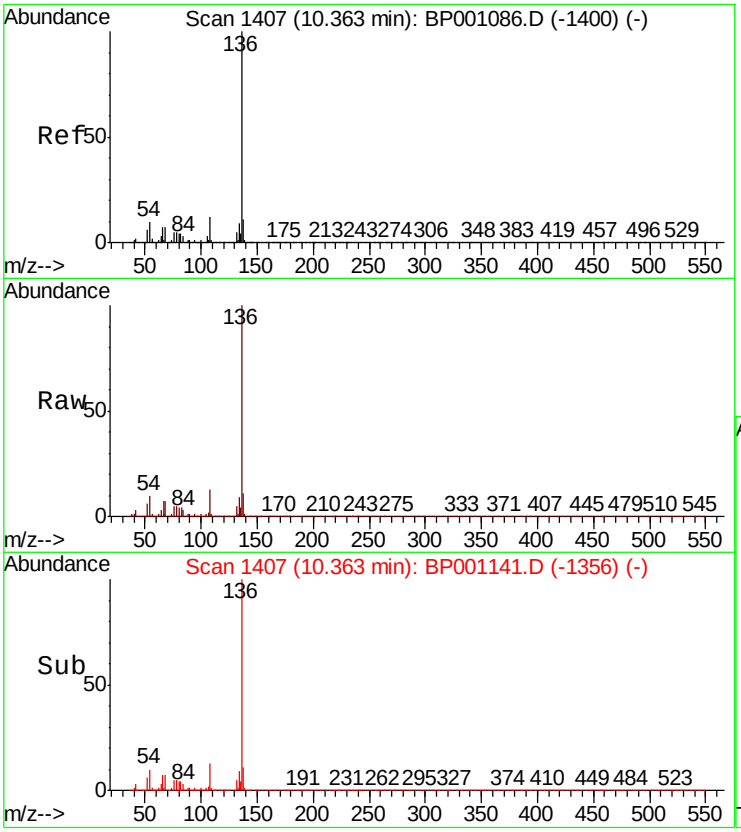


#9
Benzaldehyde
Concen: Below Cal
RT: 7.63 min Scan# 942
Delta R.T. 0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion: 77 Resp: 627

Ion	Ratio	Lower	Upper
77	100		
105	43.3	72.5	112.5#
106	83.7	67.6	107.6



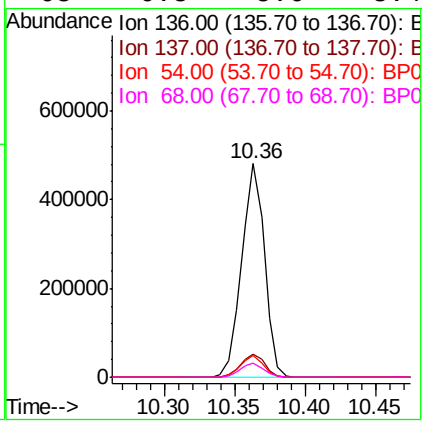


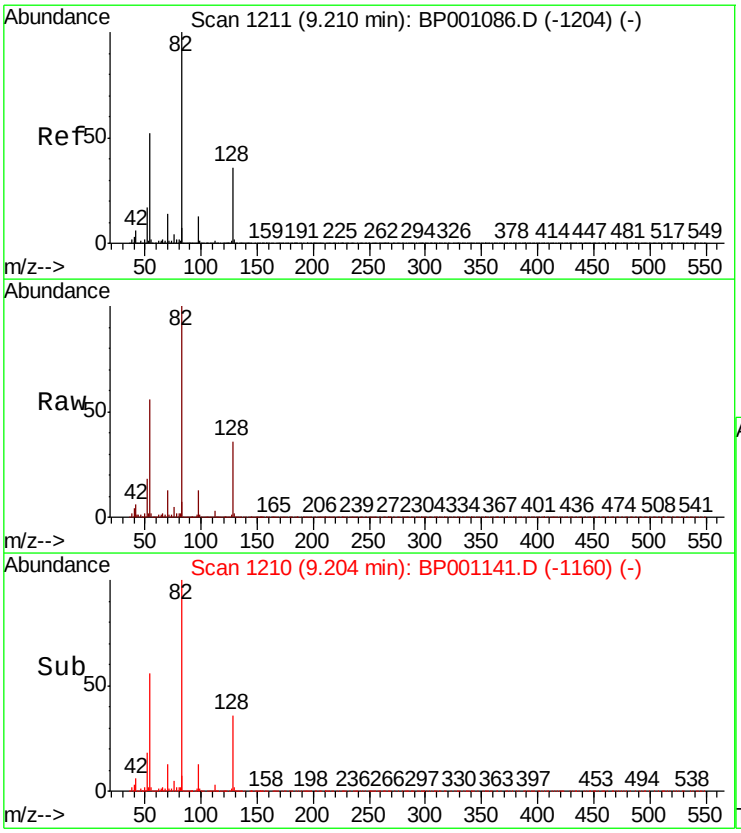
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 544758

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.2	7.9	11.9
68	6.8	5.6	8.4

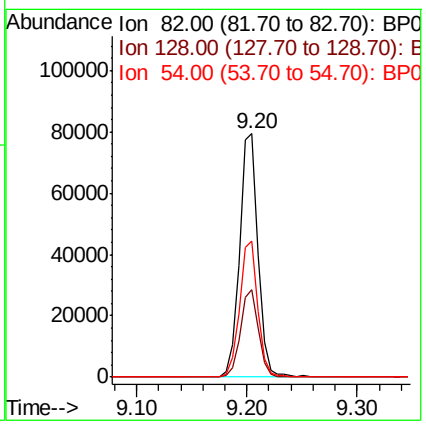


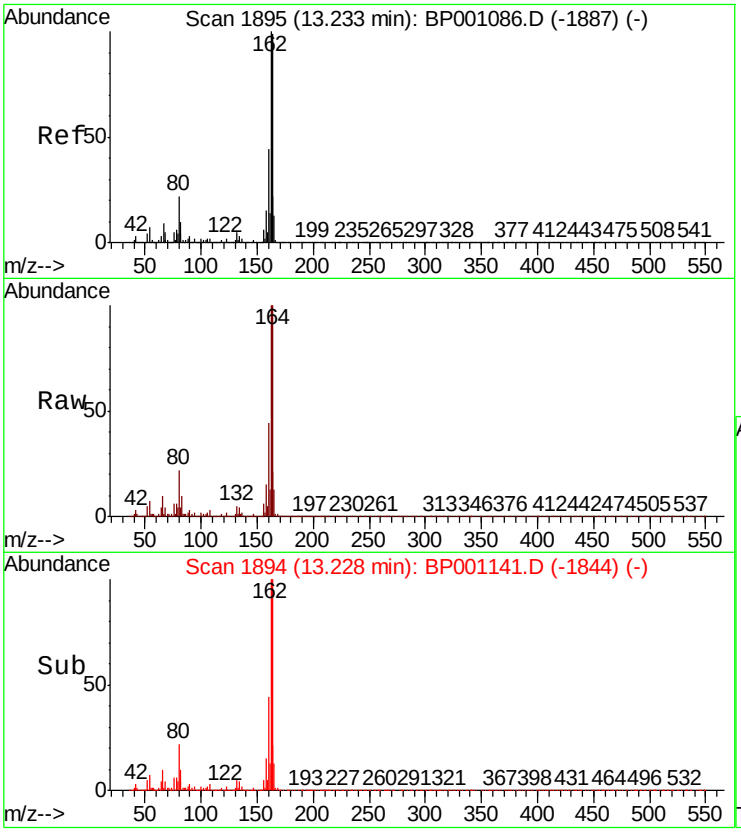


#23
Nitrobenzene-d5
Concen: 7.395 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion: 82 Resp: 92849

Ion	Ratio	Lower	Upper
82	100		
128	35.9	28.9	43.3
54	55.8	41.9	62.9



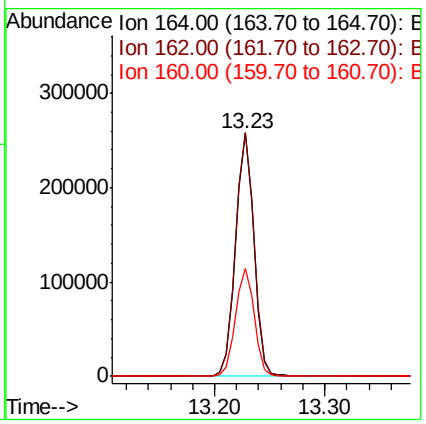


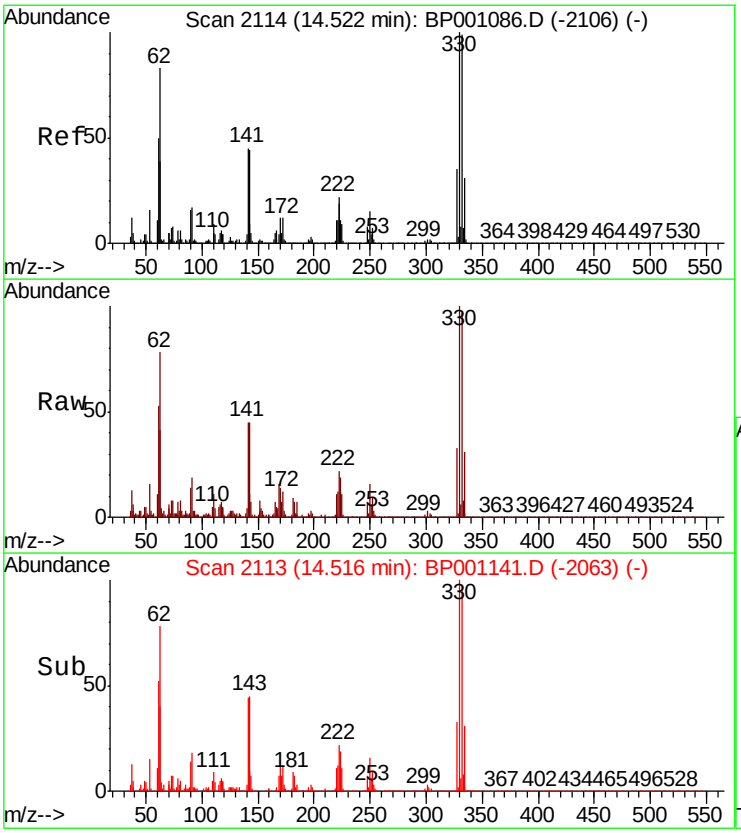
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 302981

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	120.8
160	44.5	35.4	53.2

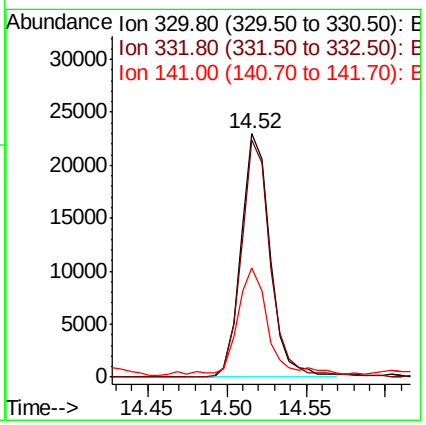


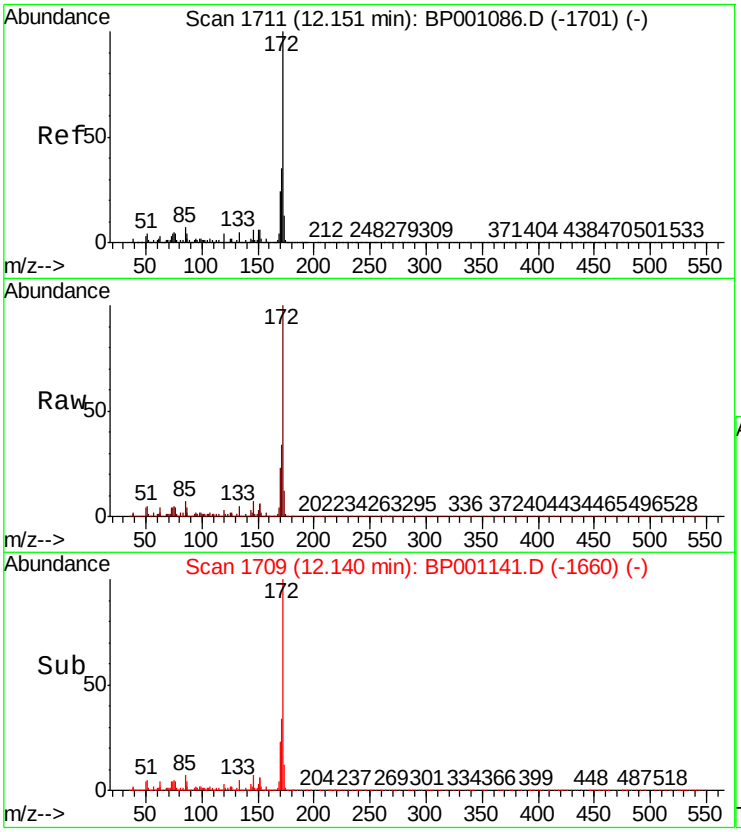


#42
2,4,6-Tribromophenol
Concen: 10.059 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion:330 Resp: 29213

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.6	116.4
141	44.2	34.2	51.2



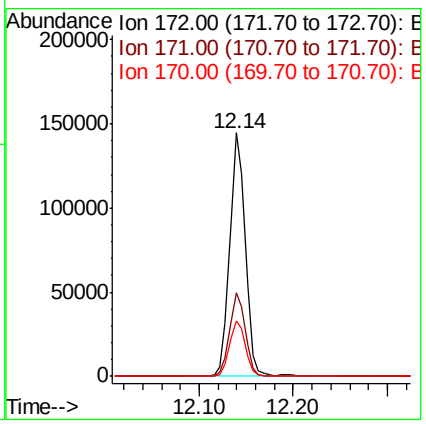


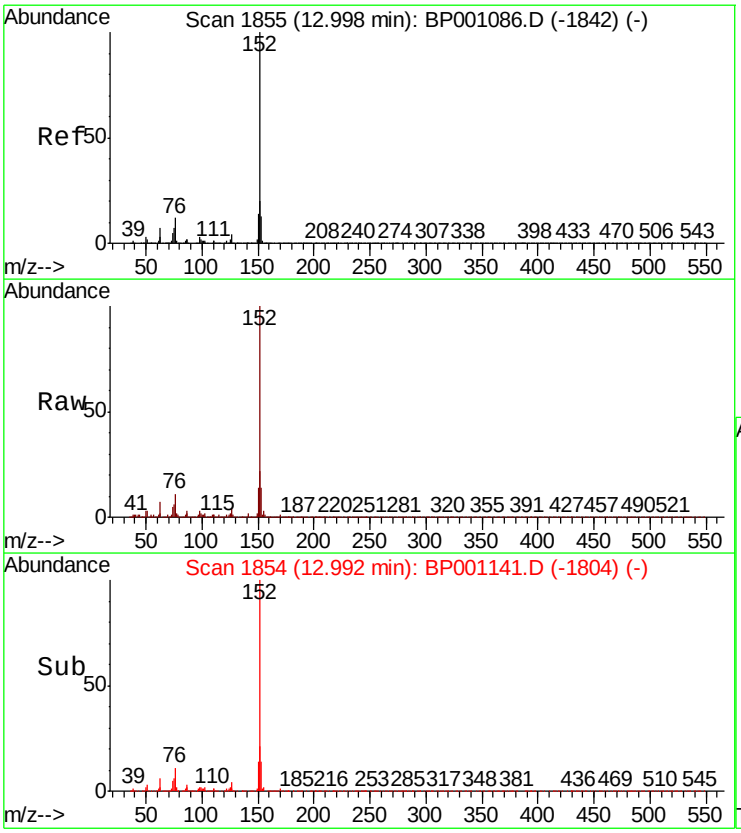
#45
2-Fluorobiphenyl
Concen: 8.048 ng
RT: 12.14 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 166595

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.9	41.9
170	22.8	19.0	28.4

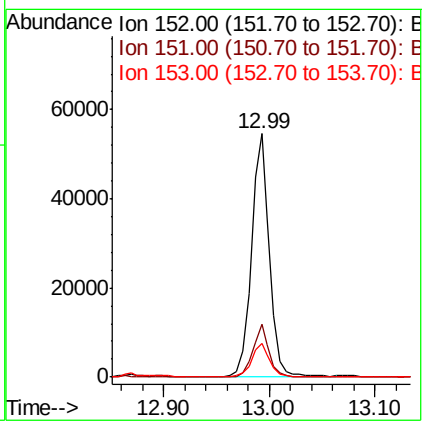


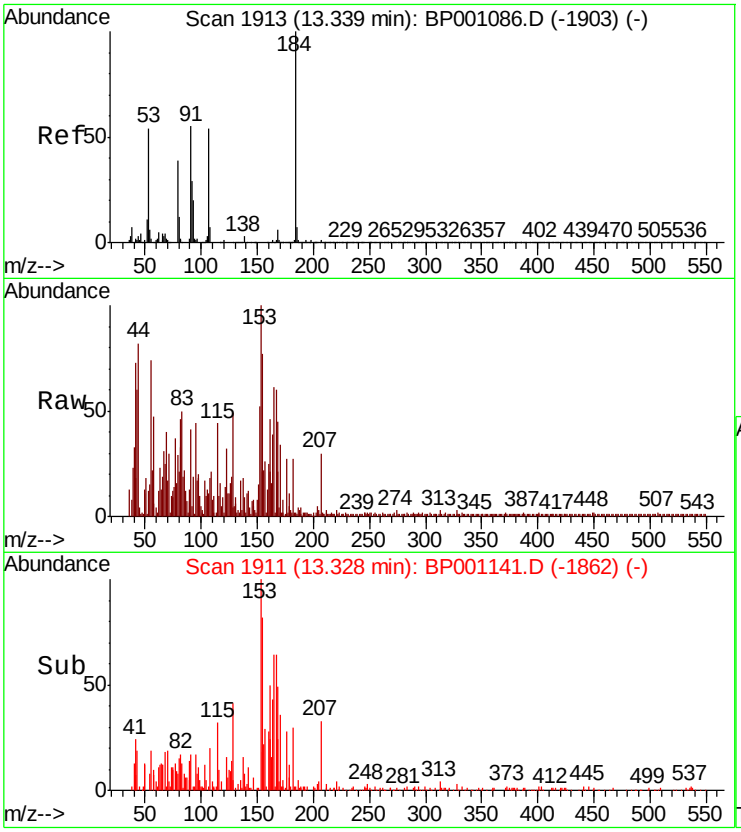


#49
Acenaphthylene
Concen: 2.293 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion:152 Resp: 64282

Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.8	23.8
153	13.8	10.2	15.4



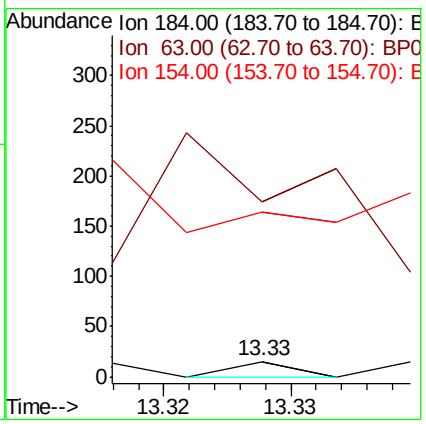


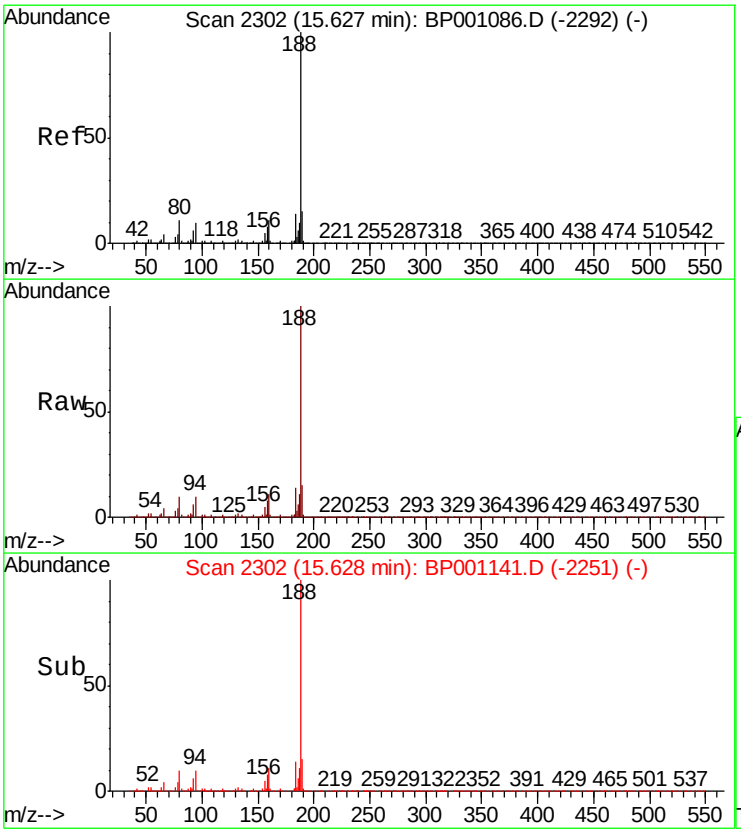
#54
2,4-Dinitrophenol
Concen: 7.111 ng
RT: 13.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:184 Resp: 5

Ion	Ratio	Lower	Upper
184	100		
63	1160.0	60.7	91.1#
154	1093.3	56.2	84.2#

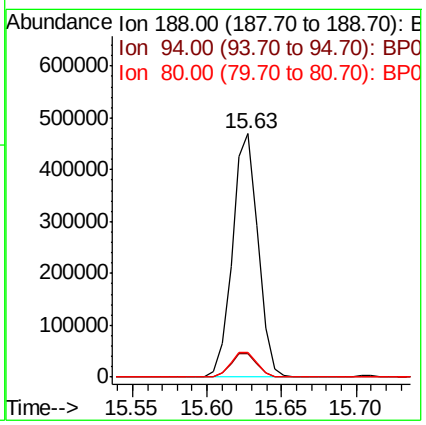


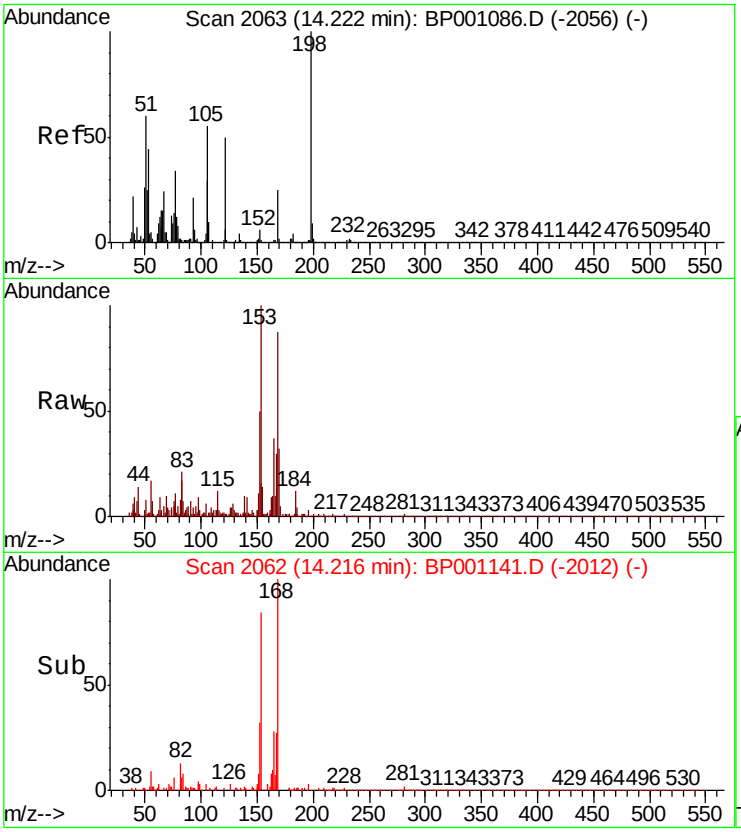


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion:188 Resp: 563736

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.9	11.9
80	10.3	8.8	13.2



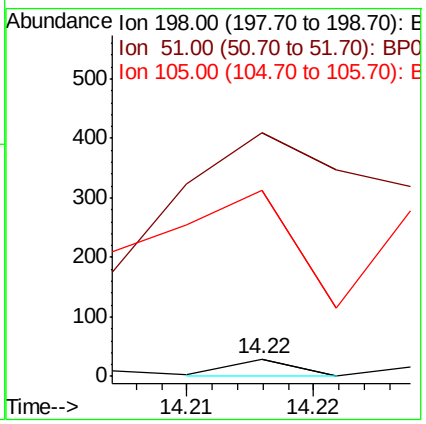


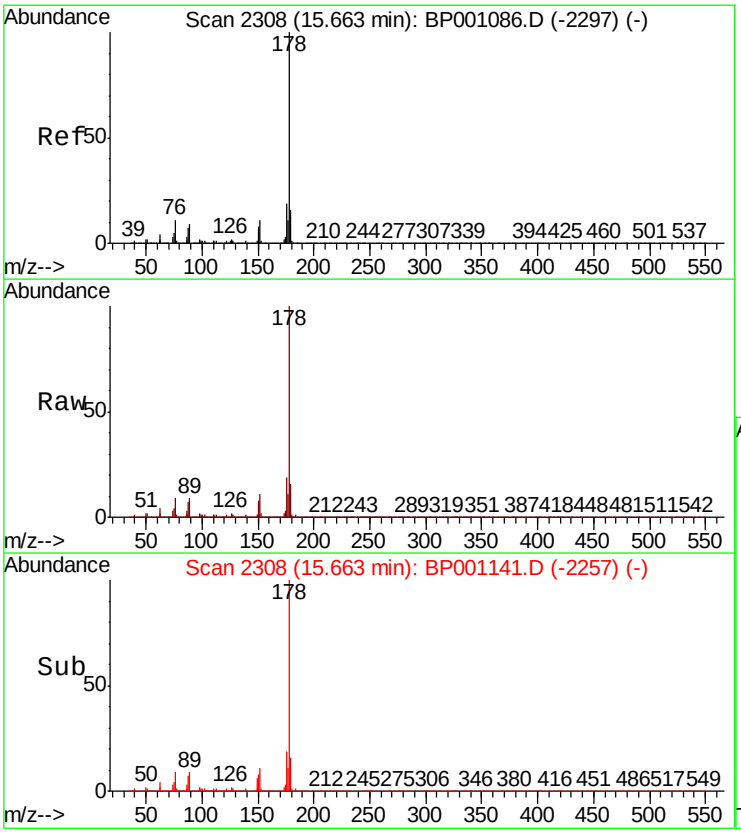
#65
4,6-Dinitro-2-methylphenol
Concen: 6.280 ng
RT: 14.22 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:198 Resp: 11

Ion	Ratio	Lower	Upper
198	100		
51	1363.3	40.5	80.5#
105	1040.0	35.7	75.7#

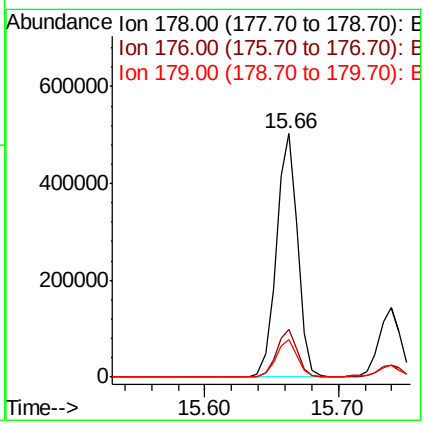


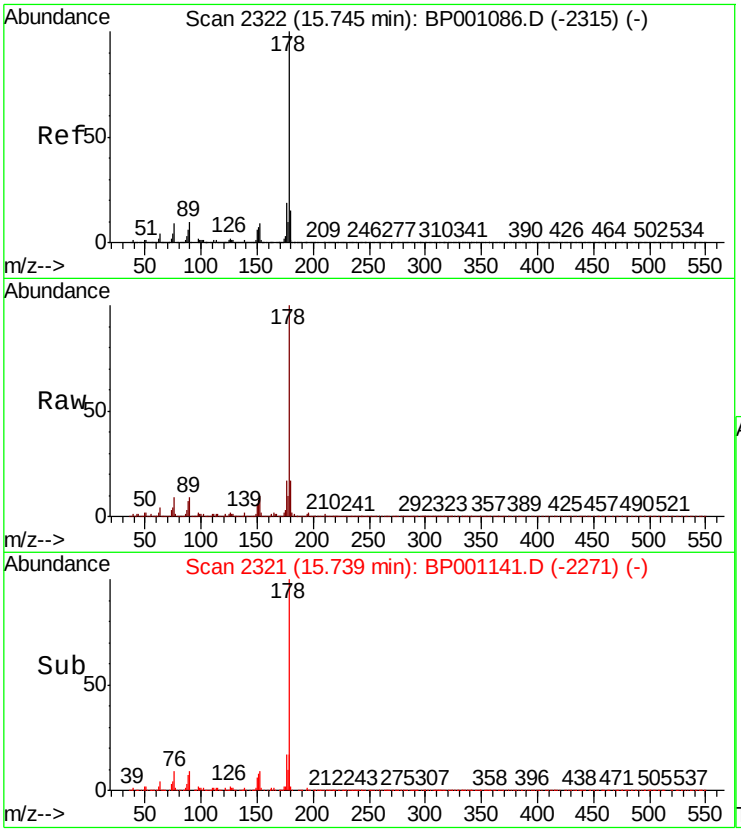


#71
Phenanthrene
Concen: 18.902 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion:178 Resp: 560197

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.6	12.5	18.7



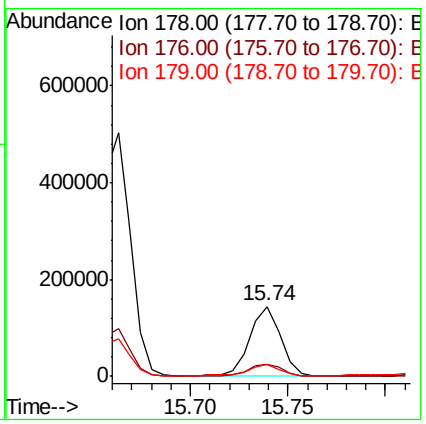


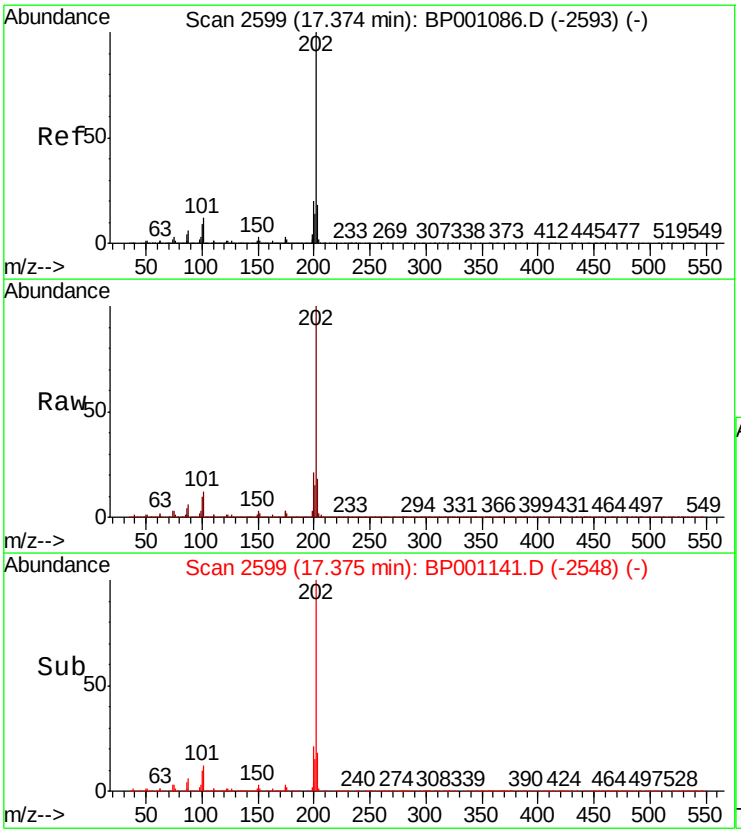
#72
Anthracene
Concen: 5.398 ng
RT: 15.74 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 157691

Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.9	22.3
179	17.0	12.2	18.4

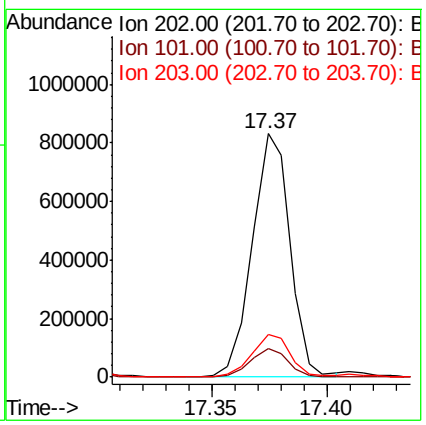


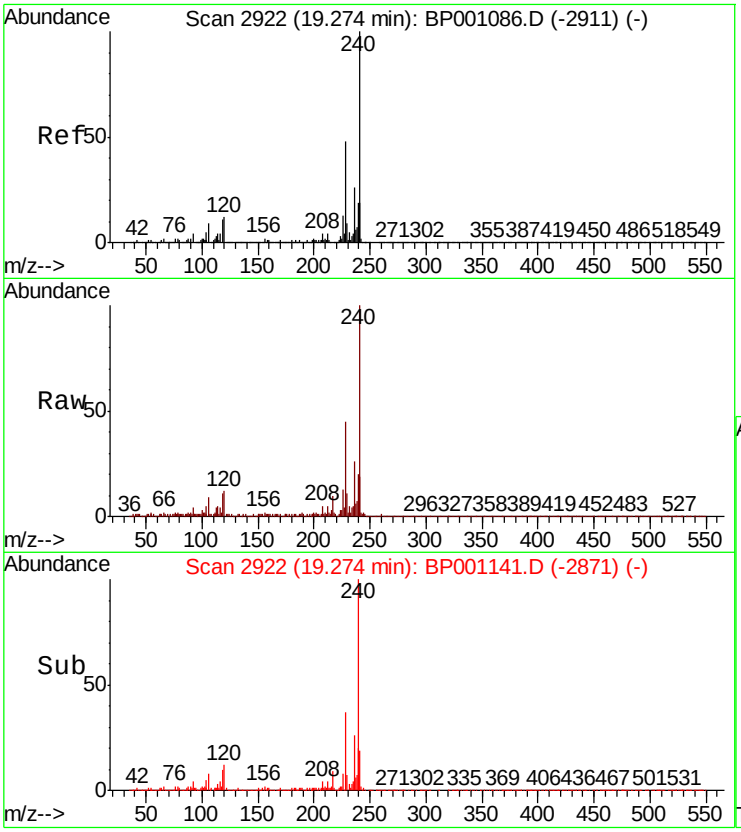


#75
Fluoranthene
Concen: 30.067 ng
RT: 17.37 min Scan# 2599
Delta R.T. 0.00 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion:202 Resp: 943381

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.1
203	17.7	0.0	37.8



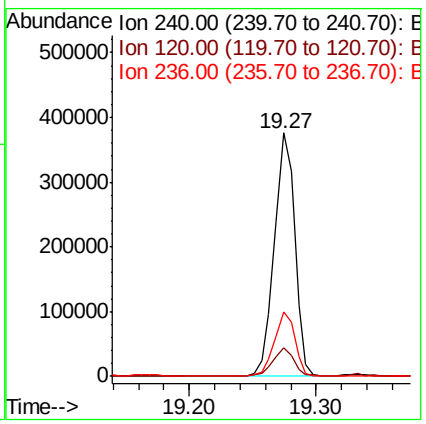


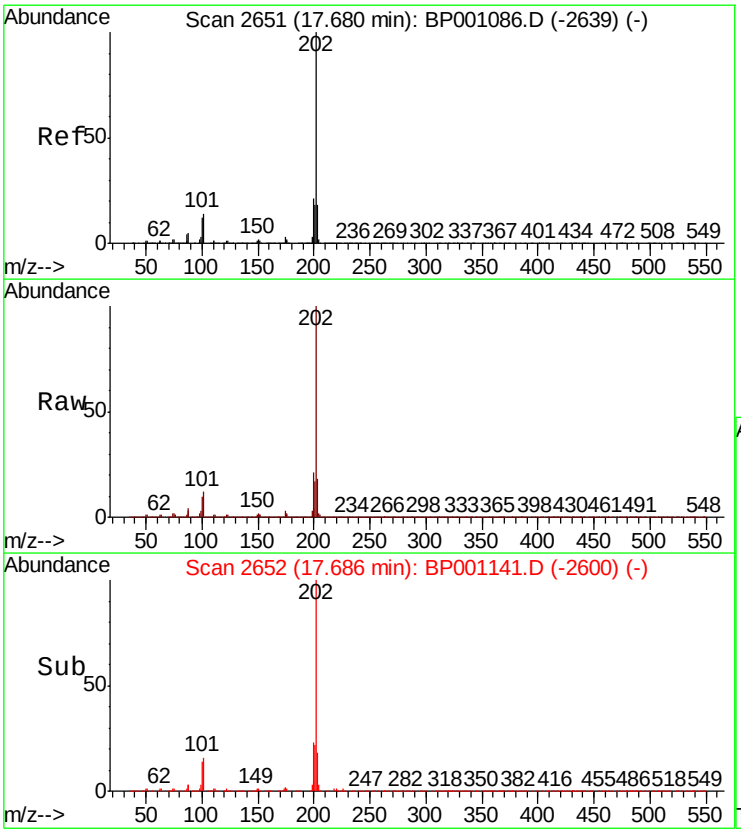
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.27 min Scan# 2922
Delta R.T. 0.00 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 420187

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.5	20.4	30.6

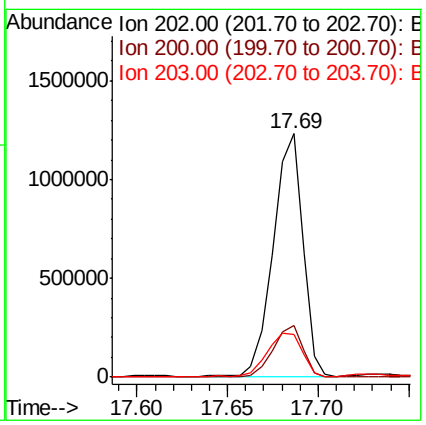


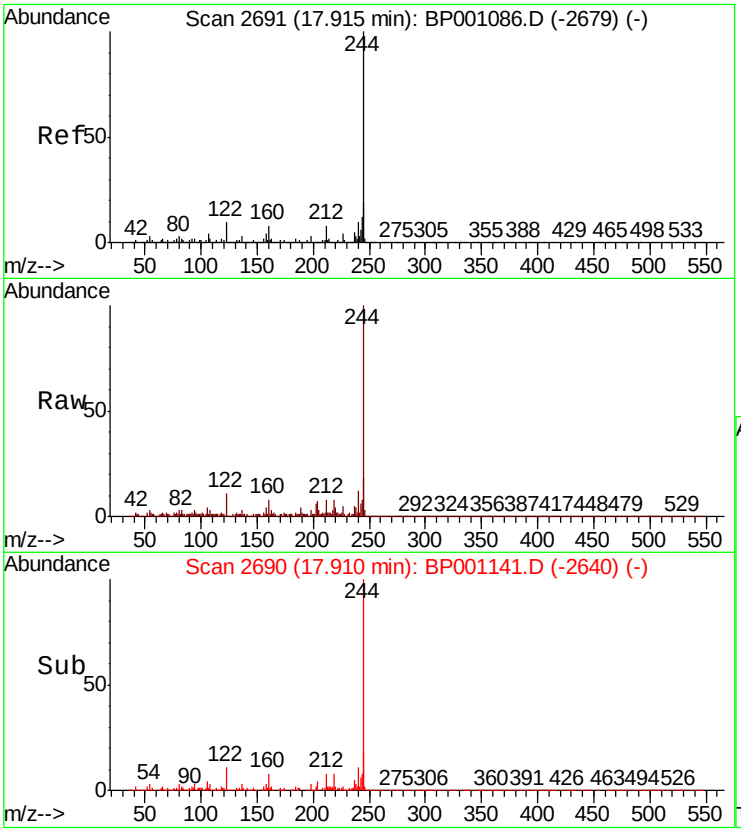


#78
Pyrene
Concen: 42.239 ng
RT: 17.69 min Scan# 2652
Delta R.T. 0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion:202 Resp: 1397897

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.7	14.1	21.1



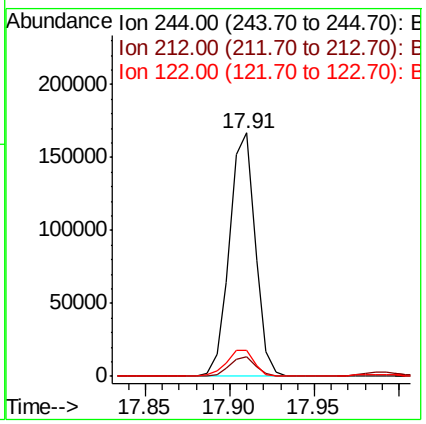


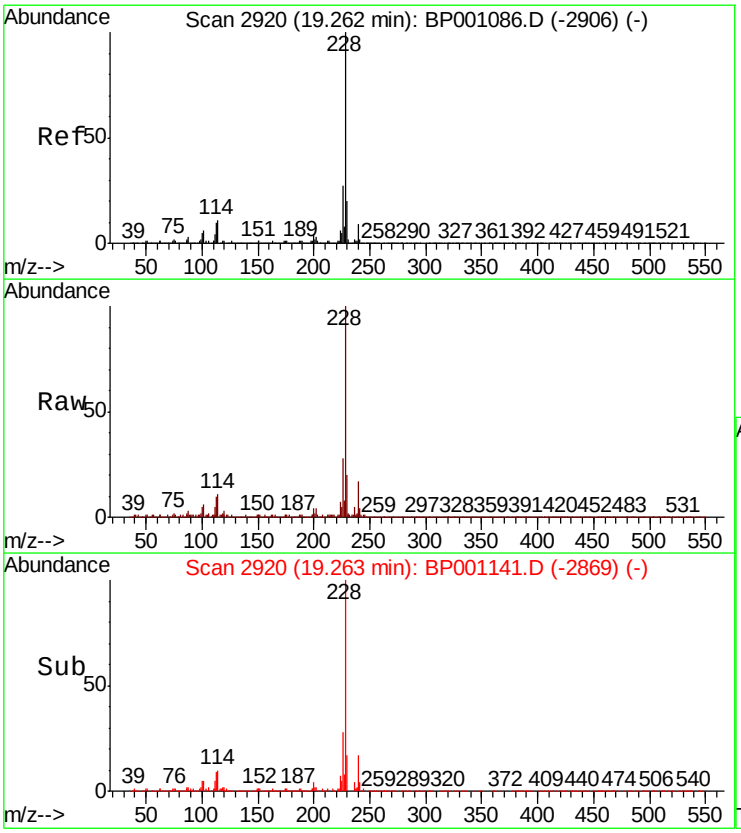
#79
Terphenyl-d14
Concen: 7.756 ng
RT: 17.91 min Scan# 2690
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 176142

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	10.7	8.2	12.2

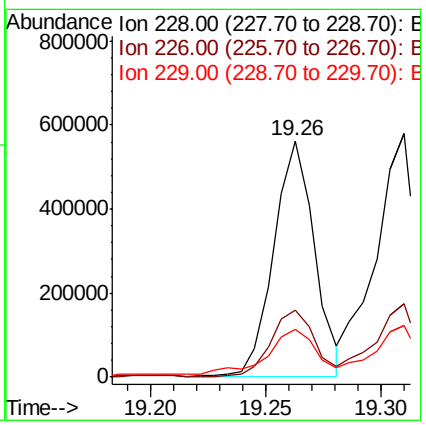


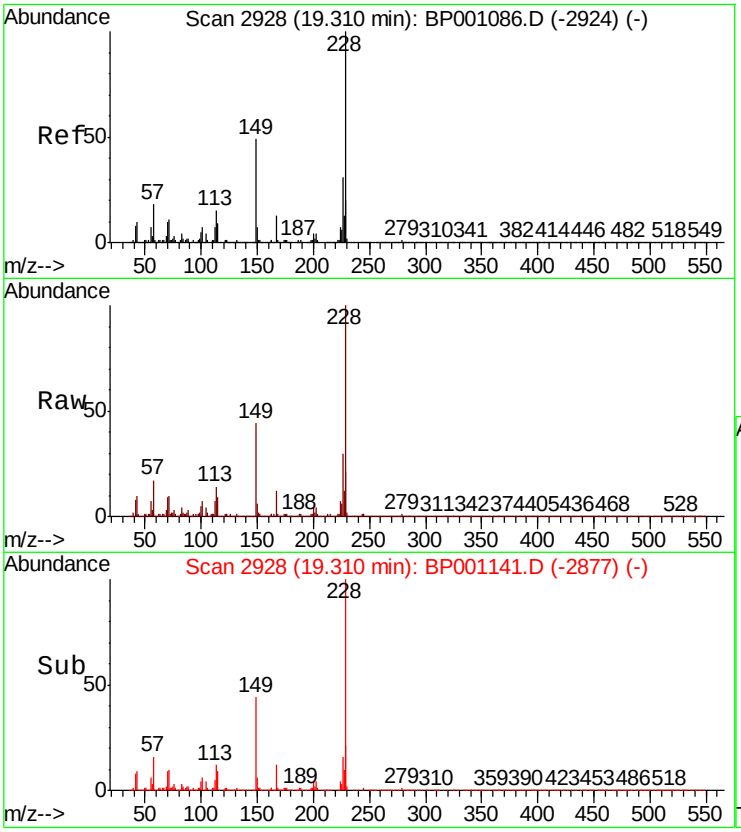


#81
Benzo(a)anthracene
Concen: 23.465 ng
RT: 19.26 min Scan# 2920
Delta R.T. 0.00 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion:228 Resp: 683616

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.8	32.6
229	20.2	15.8	23.6



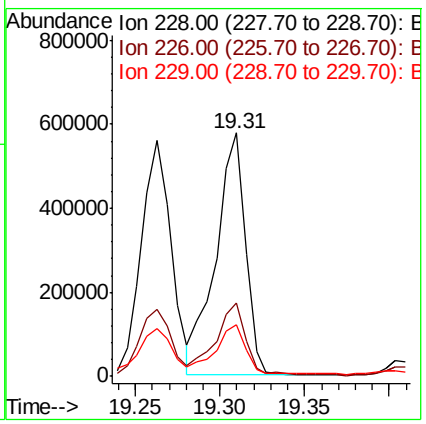


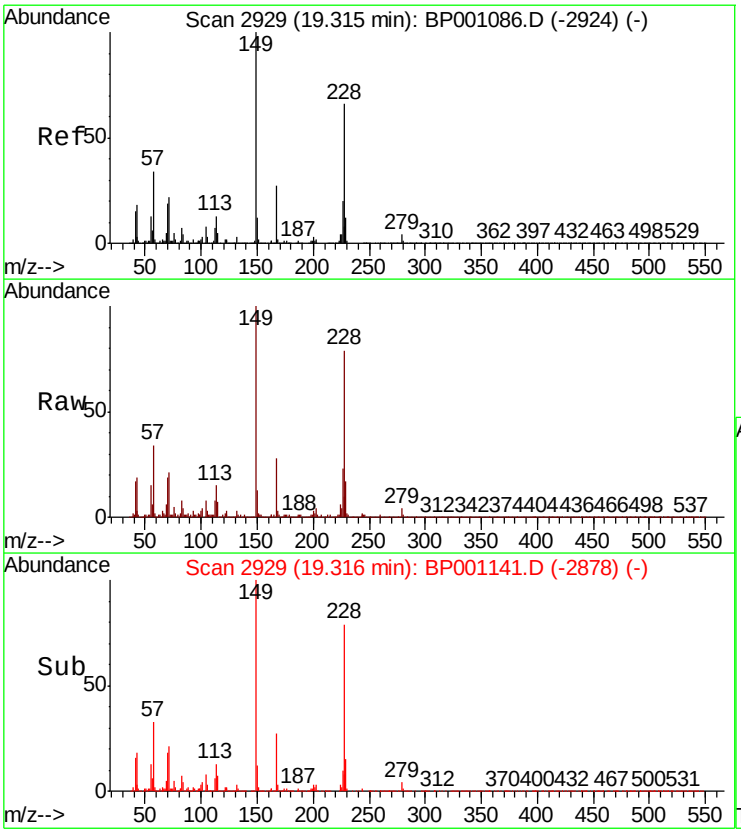
#83
Chrysene
Concen: 27.205 ng
RT: 19.31 min Scan# 2928
Delta R.T. 0.00 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 709726

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	21.1	15.7	23.5

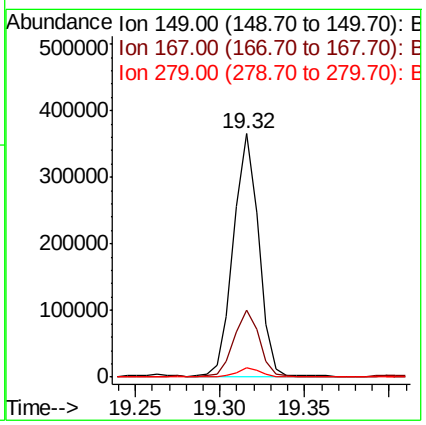


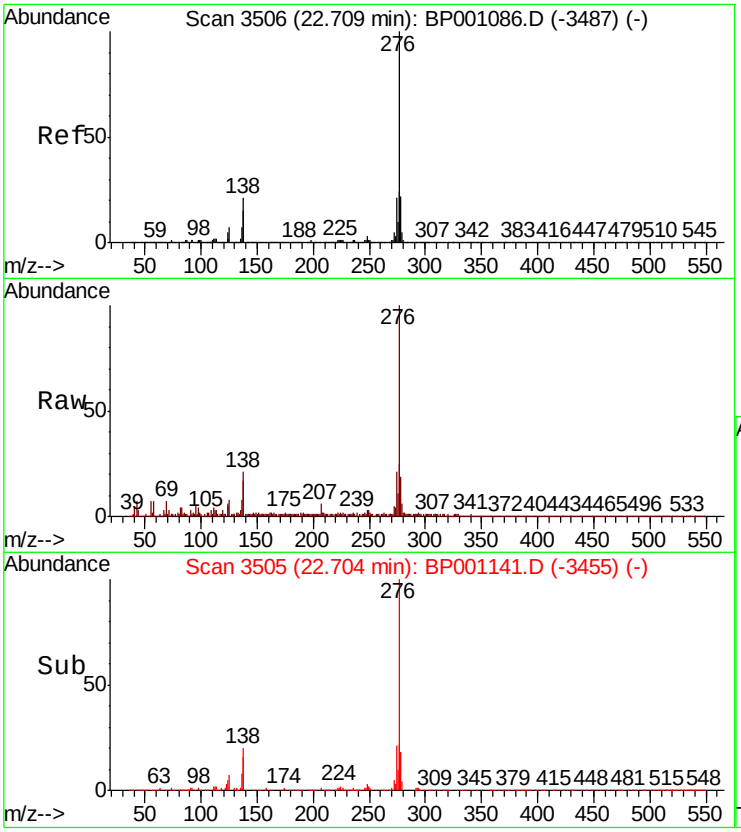


#84
Bis(2-ethylhexyl)phthalate
Concen: 17.951 ng
RT: 19.32 min Scan# 2929
Delta R.T. 0.00 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion:149 Resp: 377271

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.3	31.9
279	3.8	2.8	4.2



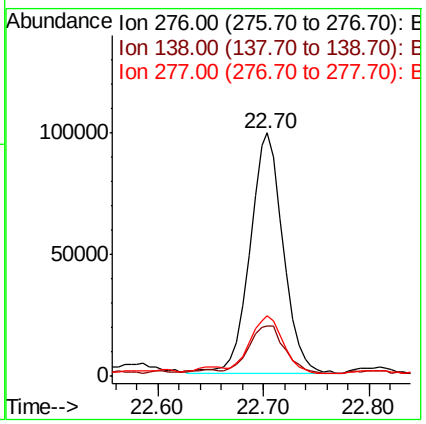


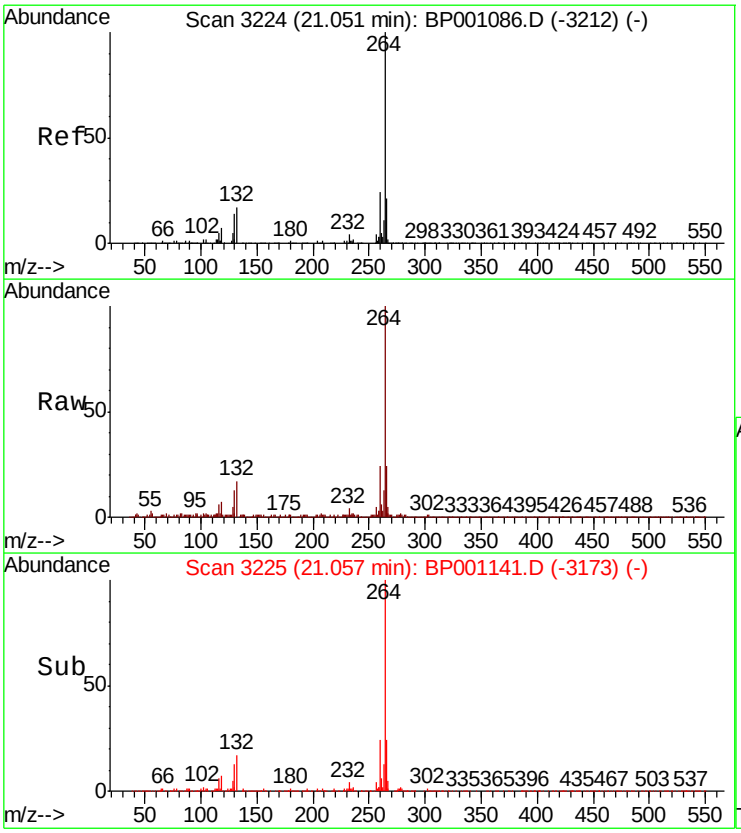
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.930 ng
RT: 22.70 min Scan# 3505
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 213074

Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.6	30.8
277	24.7	20.0	30.0

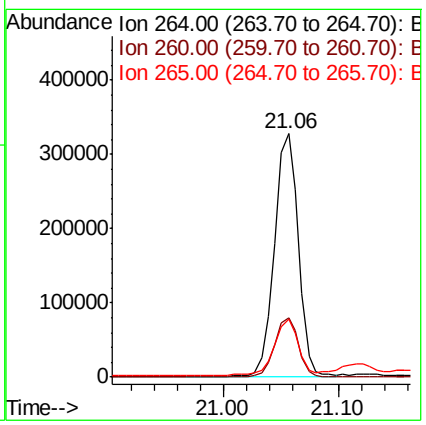


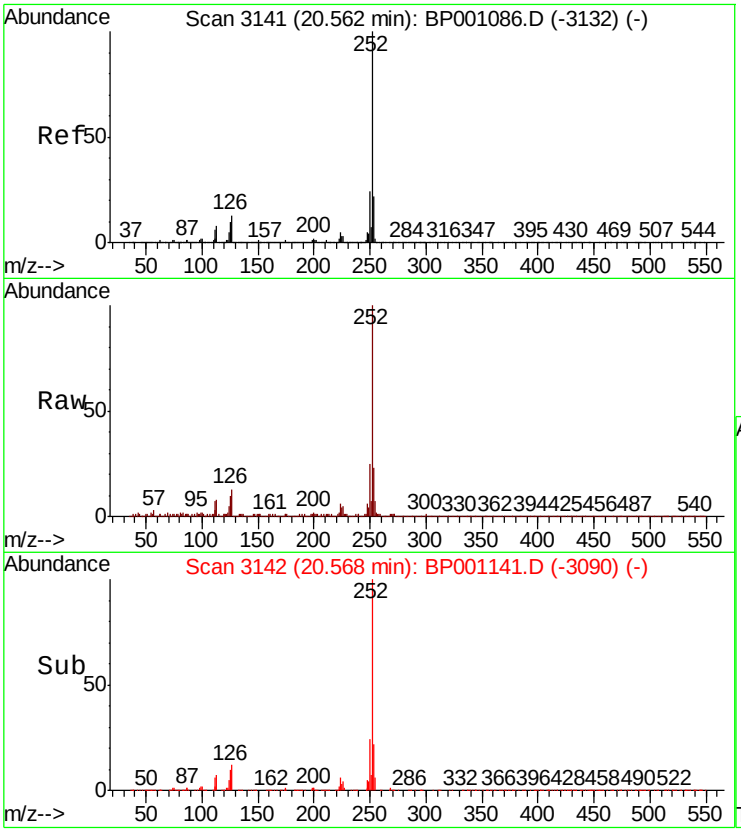


#87
Perylene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3225
Delta R.T. 0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion:264 Resp: 470564

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	23.9	16.9	25.3



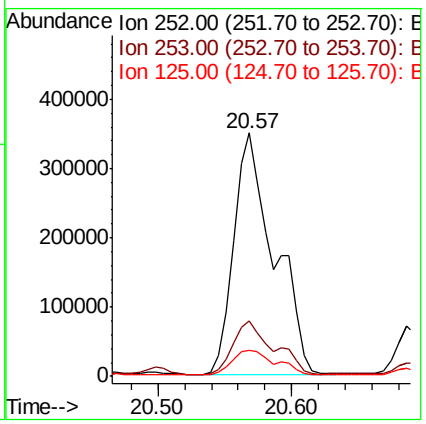


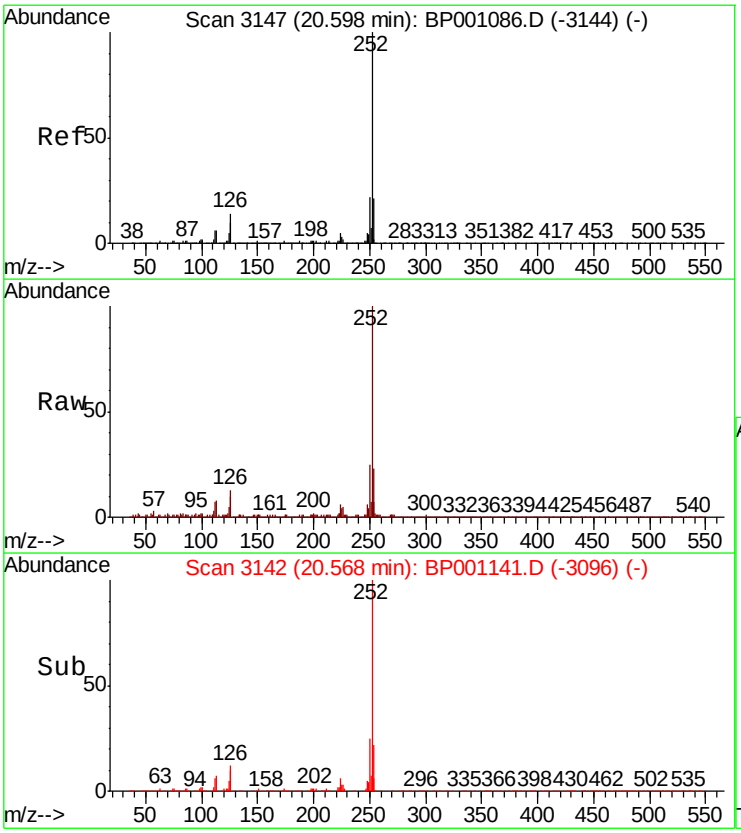
#88
Benzo(b)fluoranthene
Concen: 25.550 ng
RT: 20.57 min Scan# 3142
Delta R.T. 0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 734367

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	10.4	8.1	12.1

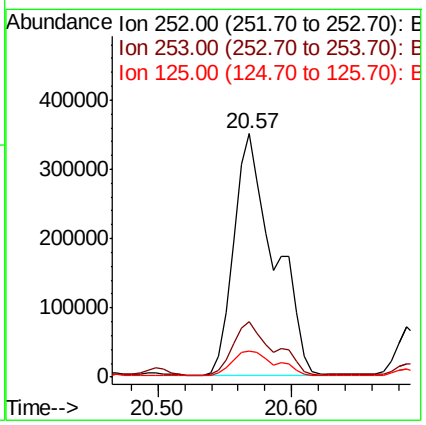


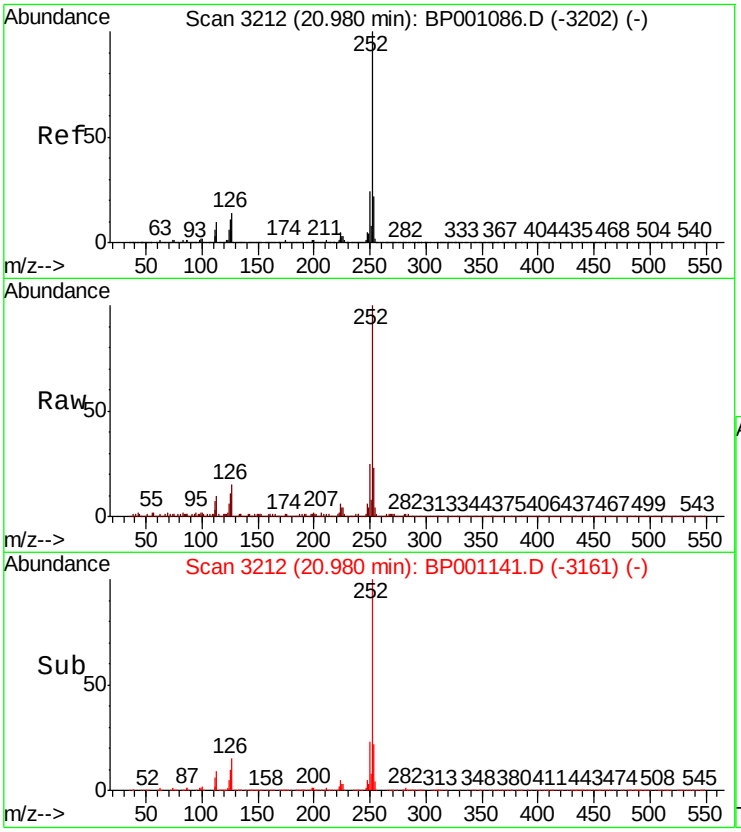


#89
Benzo(k)fluoranthene
Concen: 26.528 ng
RT: 20.57 min Scan# 3142
Delta R.T. -0.03 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion:252 Resp: 734367

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	10.4	8.2	12.2



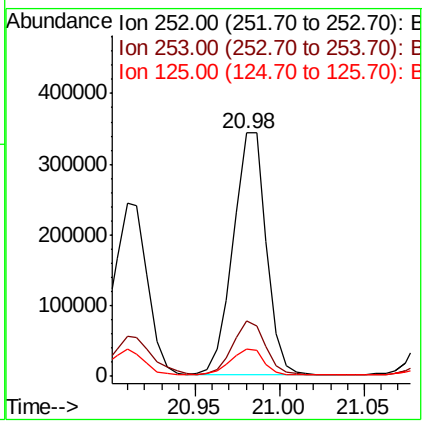


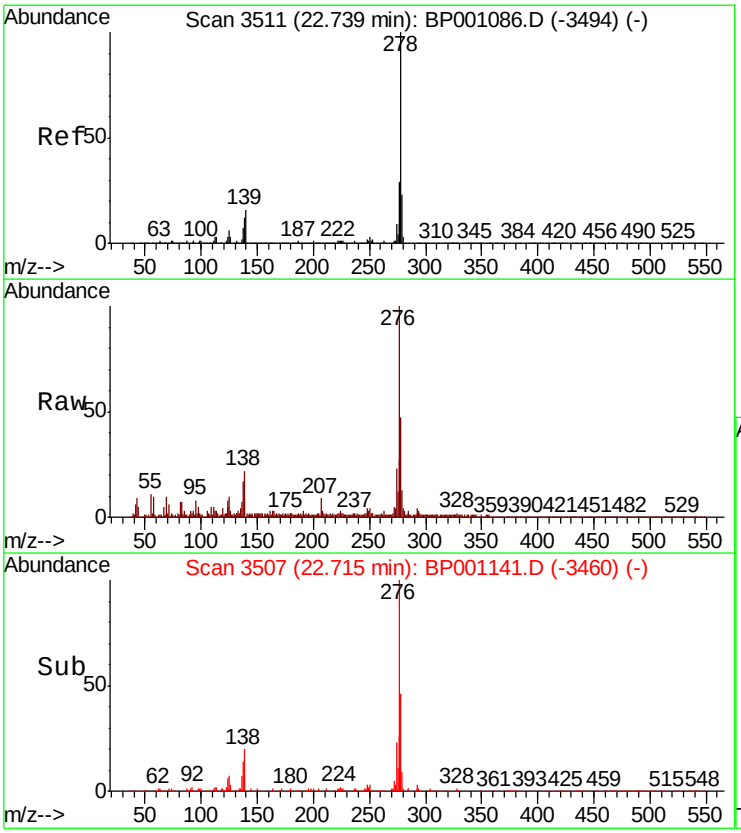
#90
Benzo(a)pyrene
Concen: 17.797 ng
RT: 20.98 min Scan# 3212
Delta R.T. 0.00 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 471163

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	11.2	8.7	13.1

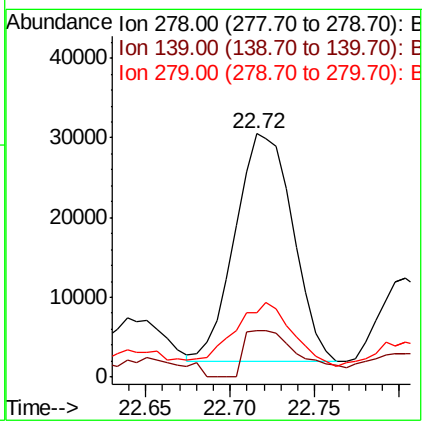


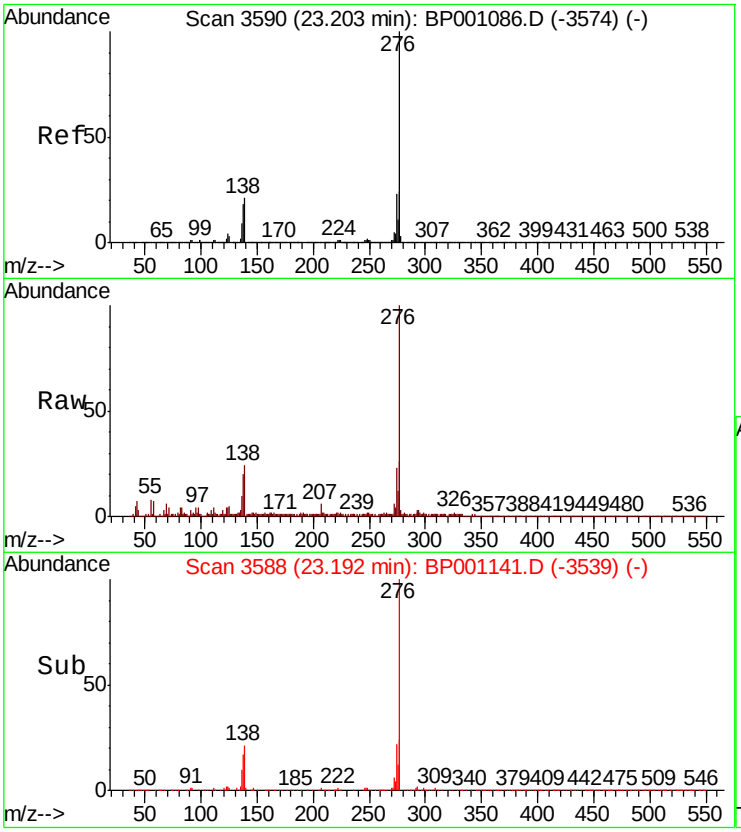


#91
Dibenzo(a,h)anthracene
Concen: 2.637 ng
RT: 22.72 min Scan# 3507
Delta R.T. -0.02 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Tgt Ion:278 Resp: 68311

Ion	Ratio	Lower	Upper
278	100		
139	19.3	13.0	19.4
279	26.7	18.7	28.1





#92
Benzo(g,h,i)perylene
Concen: 8.145 ng
RT: 23.19 min Scan# 3588
Delta R.T. -0.01 min
Lab File: BP001141.D
Acq: 02 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 208380

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.2	28.8
138	24.4	17.2	25.8