Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000127.D
Acq On : 09 Sep 2019 06:49
Operator : HP/JU
Sample : K4736-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 09 08:35:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	425122	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1573750	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	835754	20.00	ng		0.00
64) Phenanthrene-d10	11.45	188	1494409	20.00	ng		0.00
76) Chrysene-d12	14.13	240	1174155	20.00	ng		0.02
87) Perylene-d12	15.67	264	972245	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	2284167	85.68	ng		0.00
7) Phenol-d6	6.52	99	2970459	88.26	ng		0.00
23) Nitrobenzene-d5	7.45	82	1605600	62.60	ng		0.00
42) 2,4,6-Tribromophenol	10.74	330	708503	100.57	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	3021939	60.38	ng		0.00
79) Terphenyl-d14	13.06	244	3304166	61.34	ng		0.02
Target Compounds							Qvalue
10) Phenol	6.53	94	105848	2.831	ng		97
19) n-Nitroso-di-n-propylamine	7.45	70	197667	10.320	ng	#	76
25) Isophorone	7.45	82	1604206	29.602	ng	#	66
31) Naphthalene	8.20	128	165636	2.294	ng		99
32) Benzoic acid	7.85	122	1317	8.137	ng		92
50) Dimethylphthalate	9.65	163	409295	7.187	ng		99
52) Acenaphthene	9.97	154	146651	3.216	ng		97
54) 2,4-Dinitrophenol	9.97	184	88	8.666	ng	#	1
57) 2,4-Dinitrotoluene	9.94	165	110991	7.192	ng	#	21
58) Fluorene	10.49	166	149003	3.057	ng		99
65) 4,6-Dinitro-2-methylphenol	10.55	198	160	7.748	ng	#	1
67) 4-Bromophenyl-phenylether	10.73	248	51270	3.376	ng	#	1
69) Atrazine	11.14	200	337	Below Cal		#	1
71) Phenanthrene	11.47	178	1236850	16.605	ng		97
72) Anthracene	11.52	178	381435	5.184	ng		98
75) Fluoranthene	12.67	202	1647721	20.357	ng		94
78) Pyrene	12.91	202	1569662	18.172	ng		97
81) Benzo(a)anthracene	14.12	228	747972	9.831	ng		94
83) Chrysene	14.16	228	641314	8.911	ng		97
86) Indeno(1,2,3-cd)pyrene	17.23	276	258857	2.870	ng		92
88) Benzo(b)fluoranthene	15.22	252	935818	15.758	ng	#	95
89) Benzo(k)fluoranthene	15.22	252	935818	17.220	ng	#	96
90) Benzo(a)pyrene	15.60	252	485519	9.057	ng		97
92) Benzo(g,h,i)perylene	17.70	276	223201	4.206	ng		97

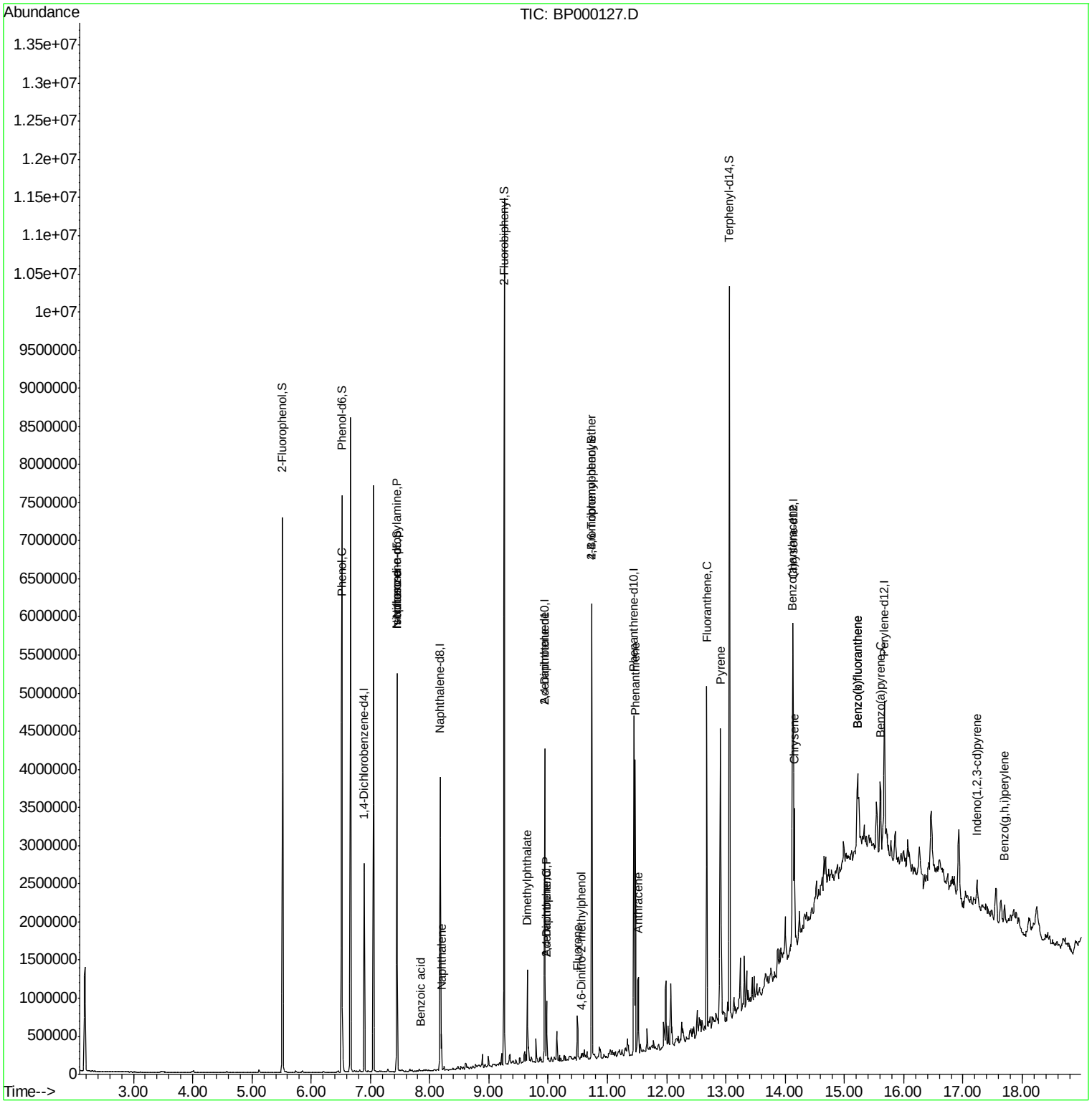
(#) = qualifier out of range (m) = manual integration (+) = signals summed

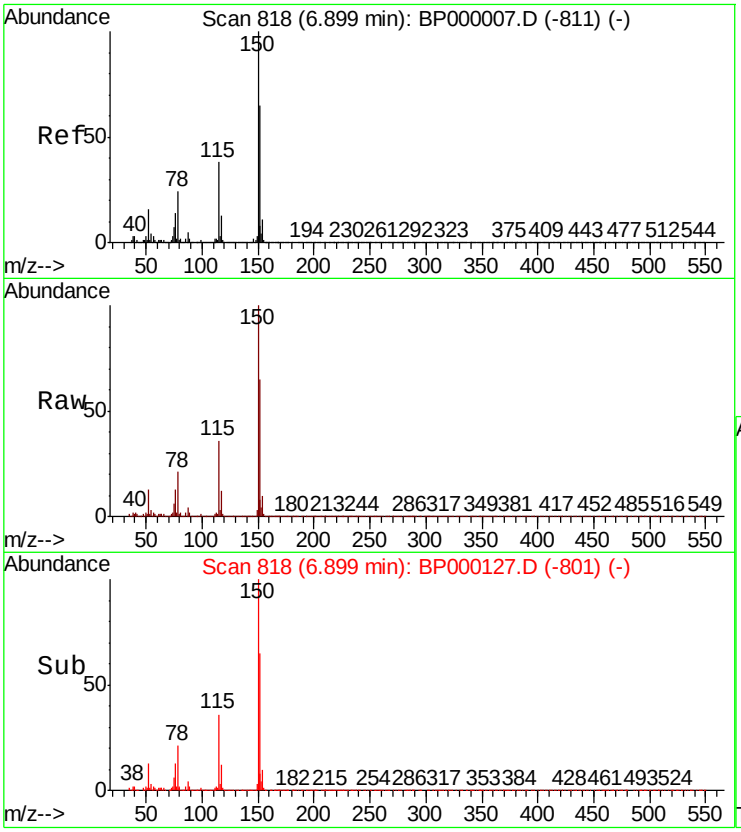
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000127.D
Acq On : 09 Sep 2019 06:49
Operator : HP/JU
Sample : K4736-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 09 08:35:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration



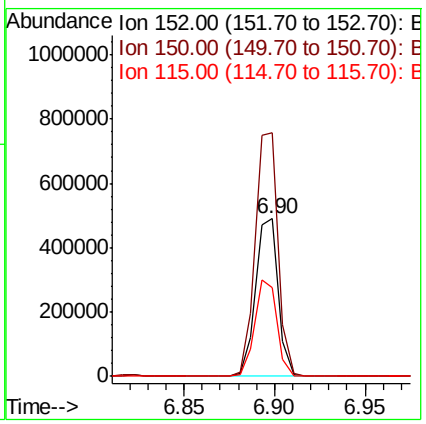


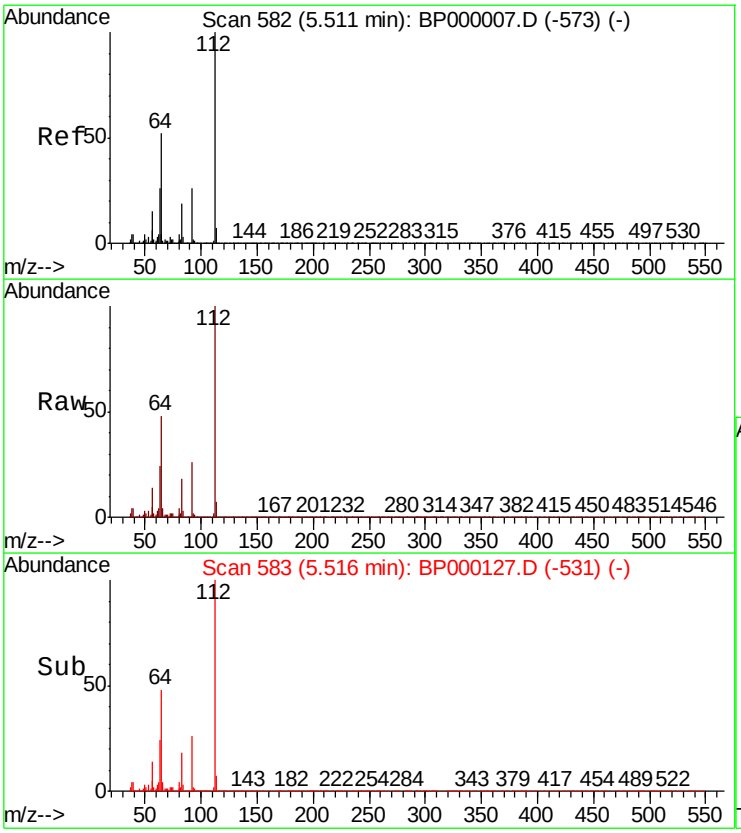
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 425122

Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.0	184.6
115	56.2	46.7	70.1

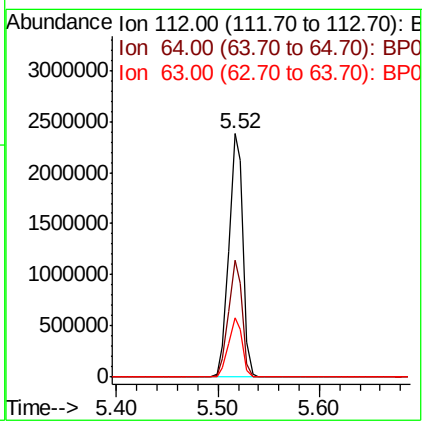


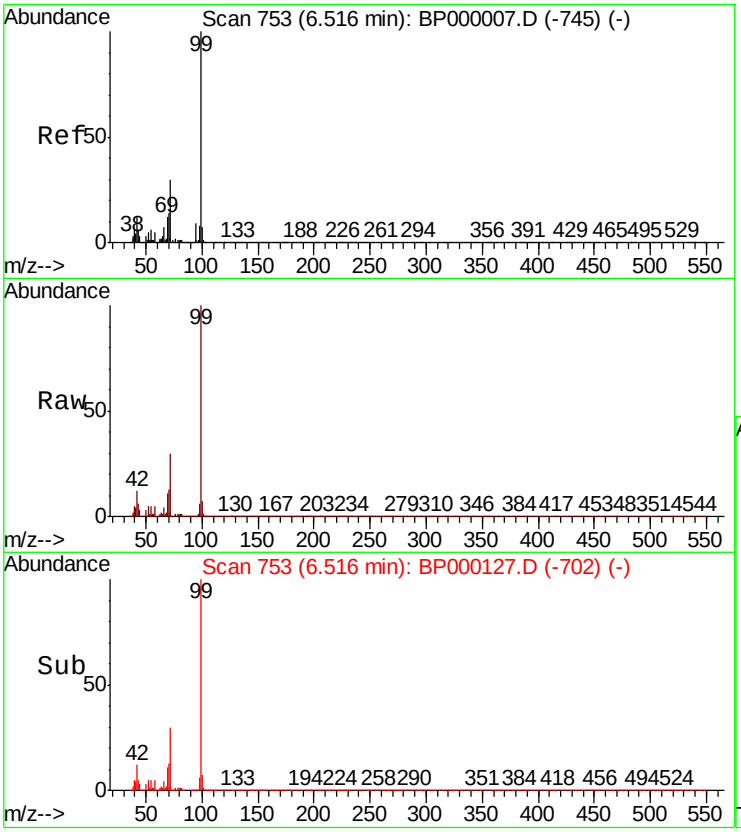


#5
2-Fluorophenol
Concen: 85.679 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Tgt Ion:112 Resp: 2284167

Ion	Ratio	Lower	Upper
112	100		
64	48.2	41.8	62.8
63	24.4	21.0	31.4



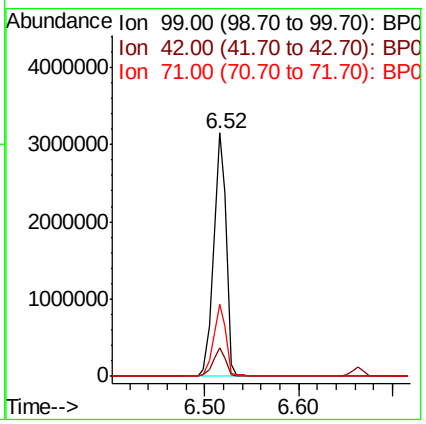


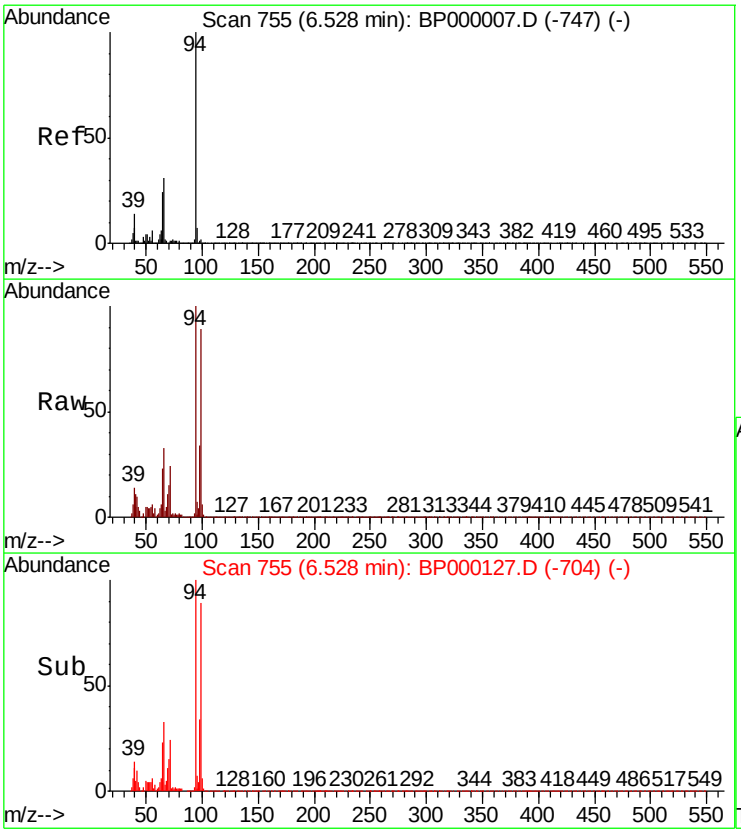
#7
Phenol-d6
Concen: 88.260 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 2970459

Ion	Ratio	Lower	Upper
99	100		
42	11.6	9.8	14.8
71	29.8	23.8	35.8

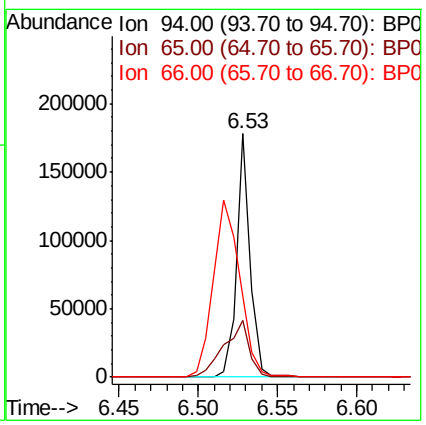


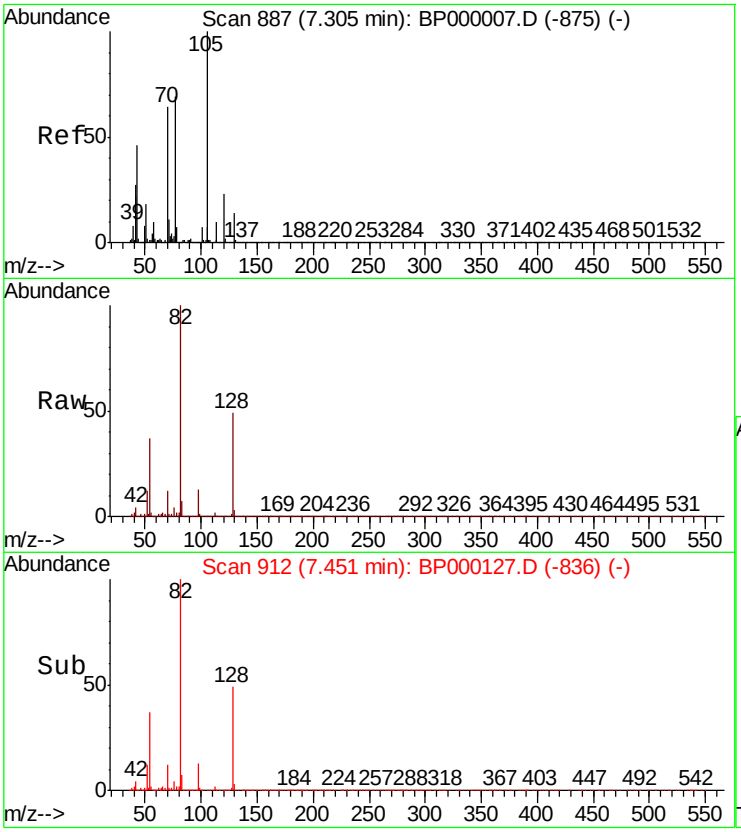


#10
Phenol
Concen: 2.831 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Tgt Ion: 94 Resp: 105848

Ion	Ratio	Lower	Upper
94	100		
65	23.2	4.1	44.1
66	33.2	11.4	51.4



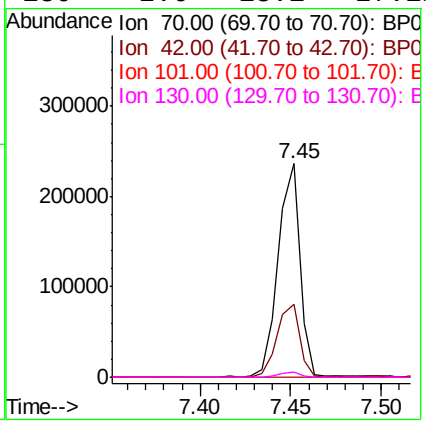


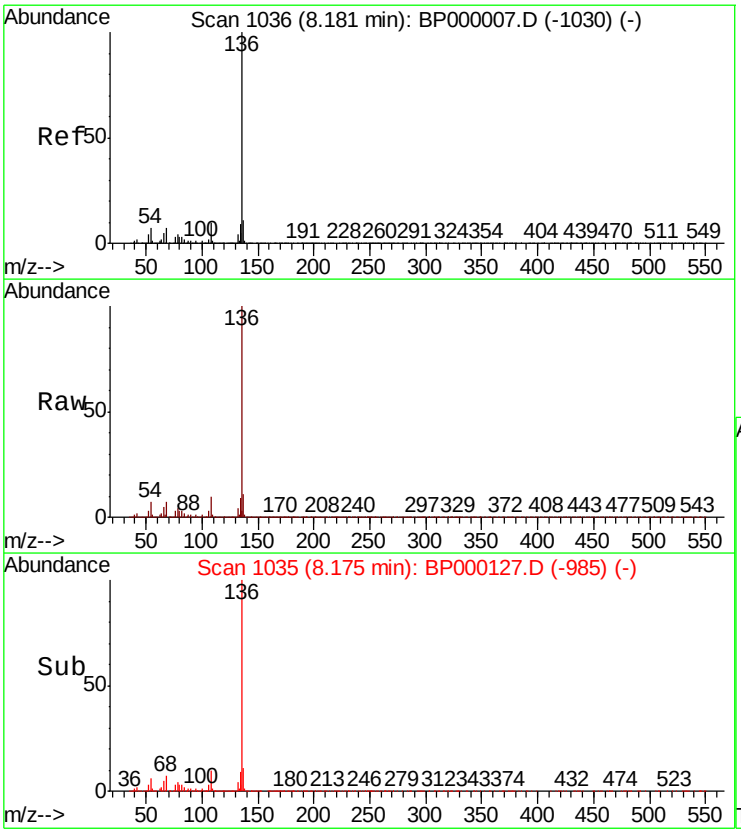
#19
n-Nitroso-di-n-propylamine
Concen: 10.320 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.15 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 197667

Ion	Ratio	Lower	Upper
70	100		
42	34.0	33.8	50.6
101	0.0	8.7	13.1#
130	2.6	18.1	27.1#

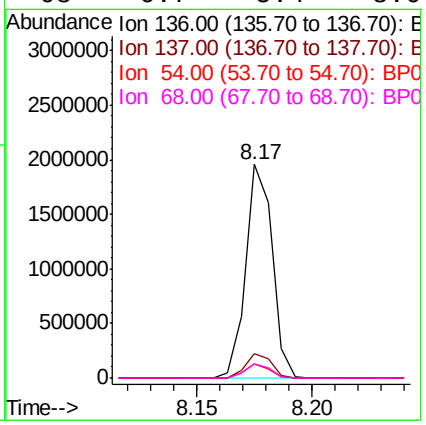


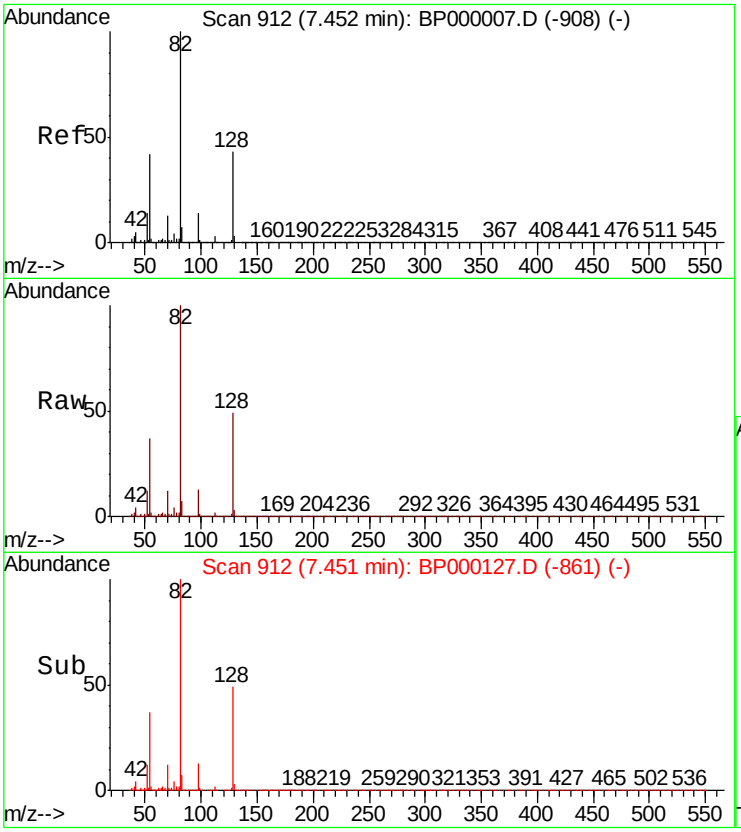


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Tgt Ion:136 Resp: 1573750

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.5	5.4	8.2
68	6.7	5.4	8.0



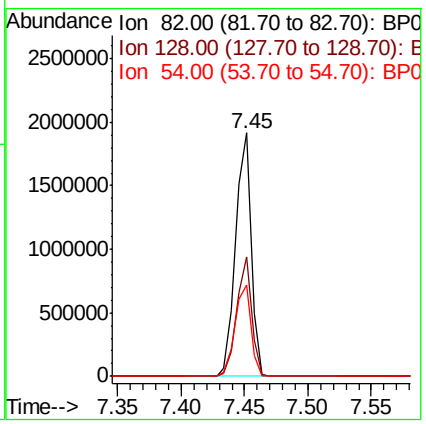


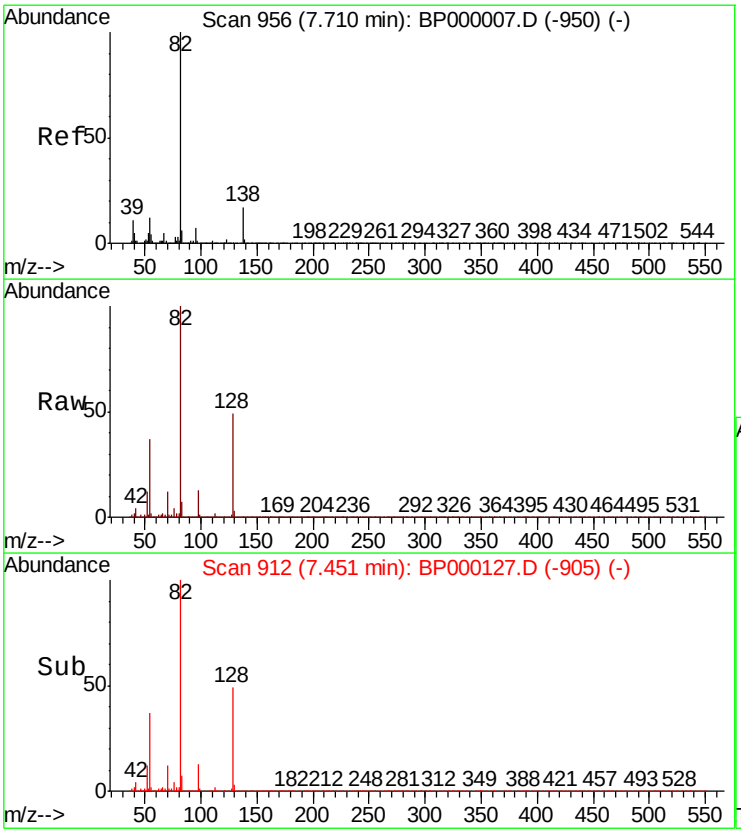
#23
Nitrobenzene-d5
Concen: 62.602 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1605600

Ion	Ratio	Lower	Upper
82	100		
128	49.3	34.5	51.7
54	37.3	33.2	49.8

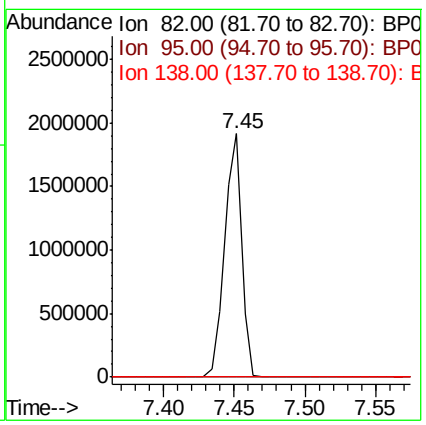


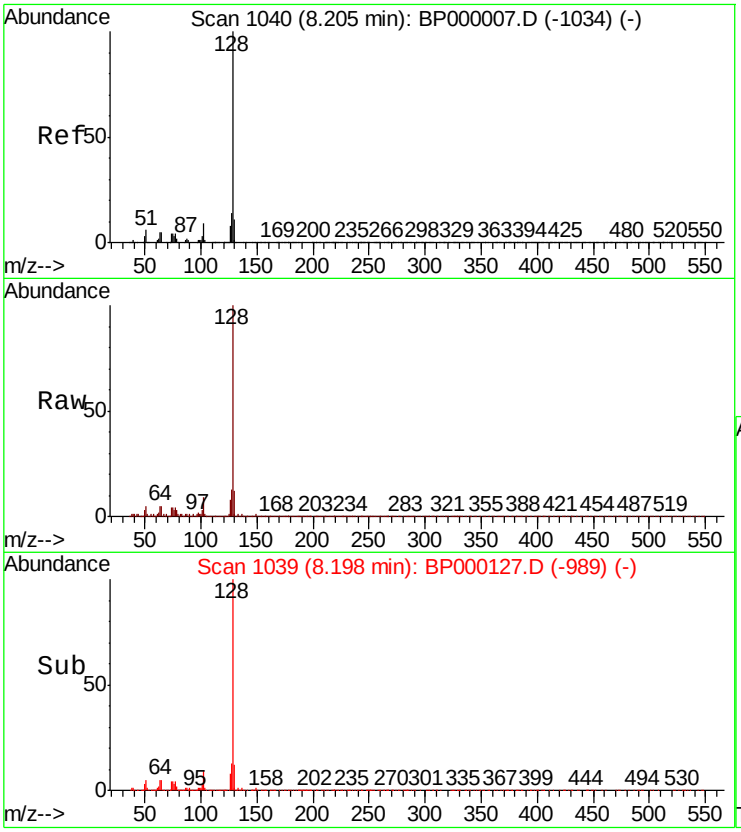


#25
Isophorone
Concen: 29.602 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Tgt Ion: 82 Resp: 1604206

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	13.8	20.6#



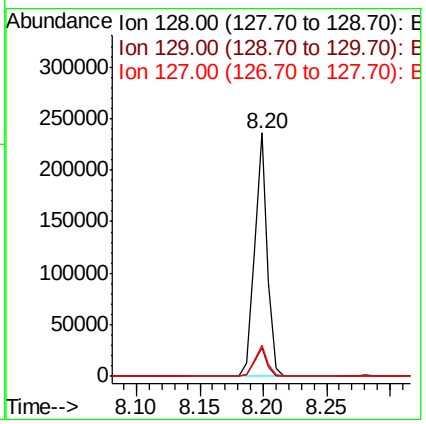


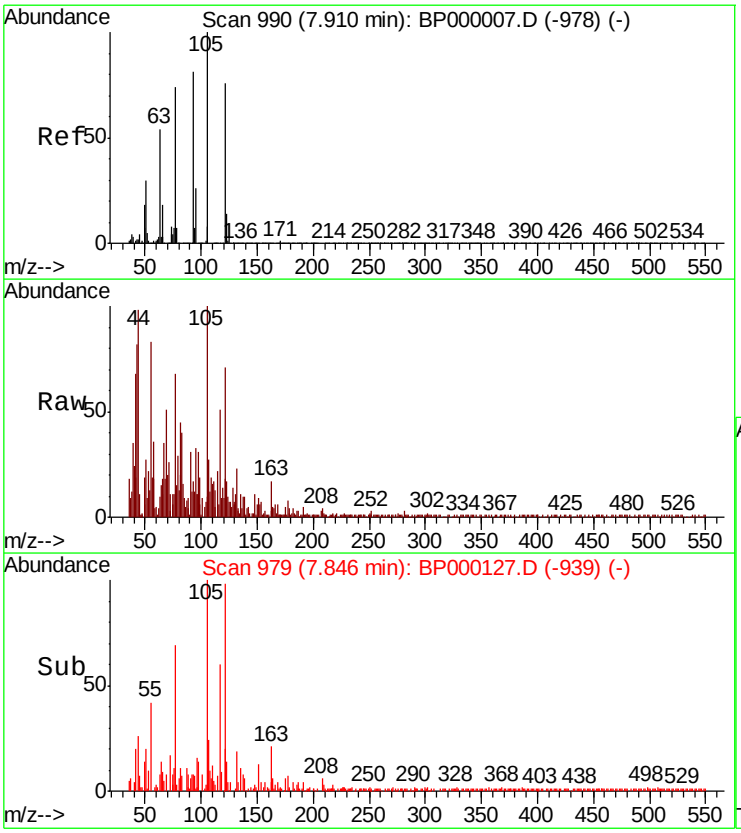
#31
Naphthalene
Concen: 2.294 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:128 Resp: 165636

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.0	11.0	16.6

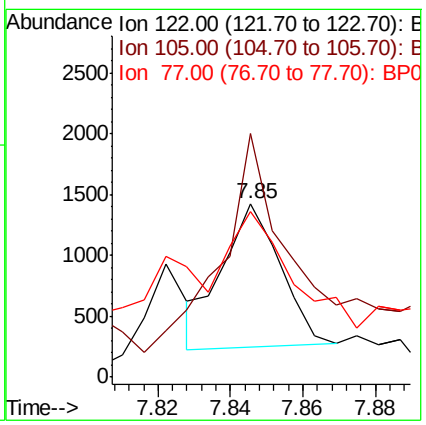


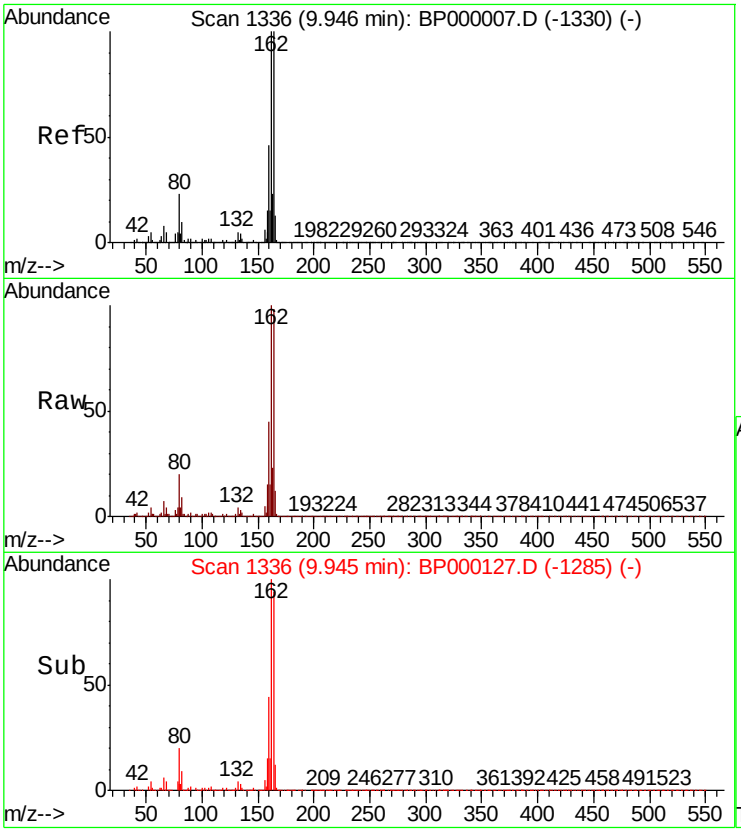


#32
Benzoic acid
Concen: 8.137 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.06 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Tgt Ion:122 Resp: 1317

Ion	Ratio	Lower	Upper
122	100		
105	140.1	104.6	144.6
77	95.2	74.1	114.1



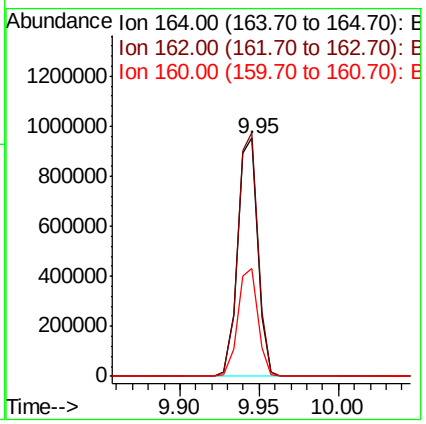


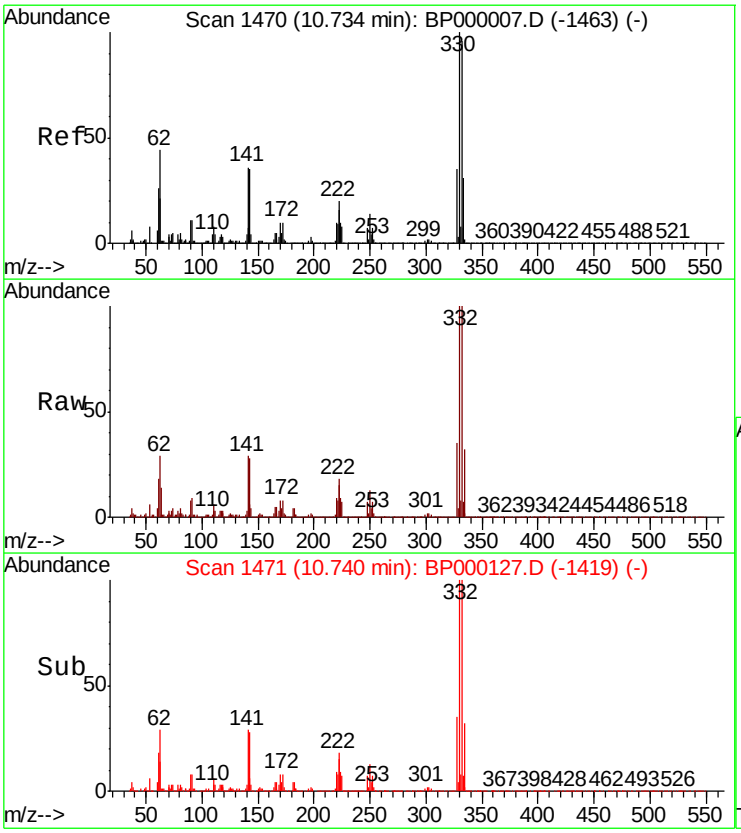
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 835754

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.4
160	45.5	36.6	55.0

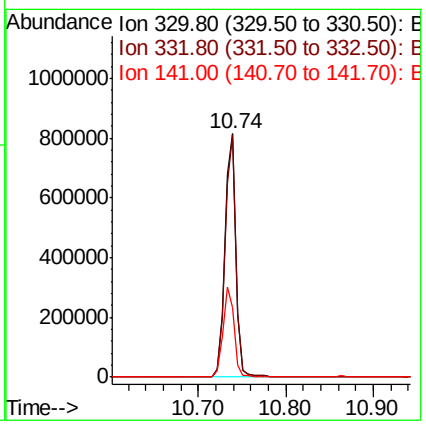


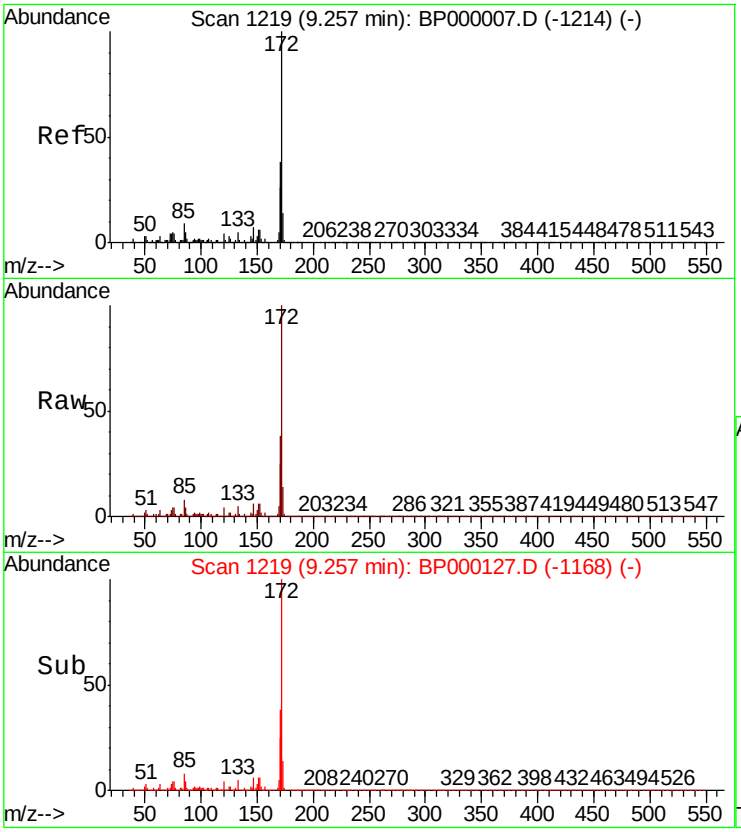


#42
2,4,6-Tribromophenol
Concen: 100.574 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.01 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Tgt Ion:330 Resp: 708503

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.8	115.2
141	37.6	33.6	50.4



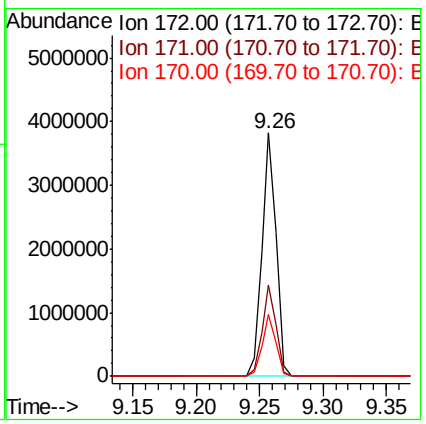


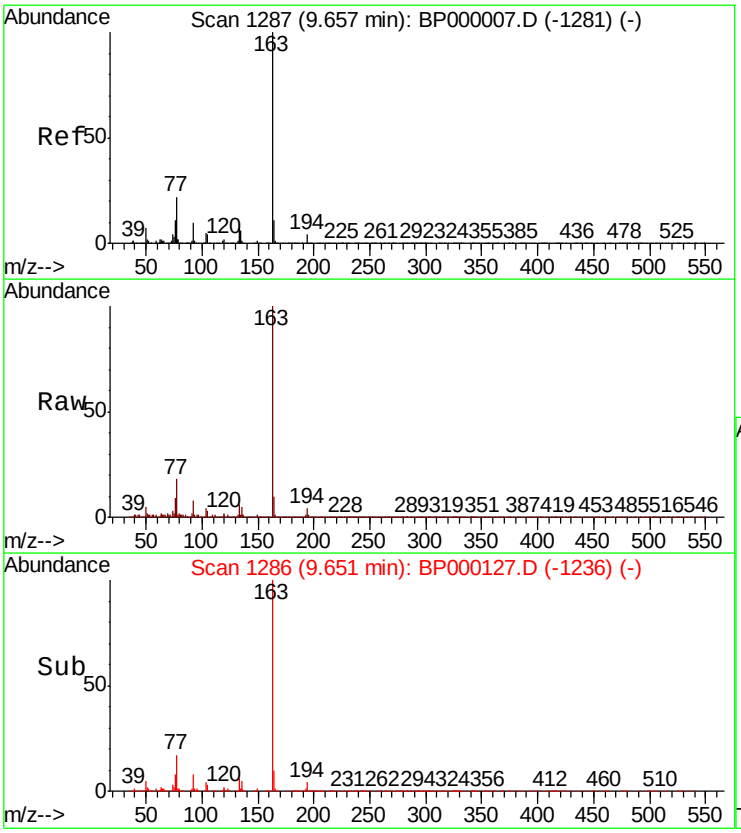
#45
2-Fluorobiphenyl
Concen: 60.384 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 3021939

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.7	46.1
170	25.2	20.7	31.1

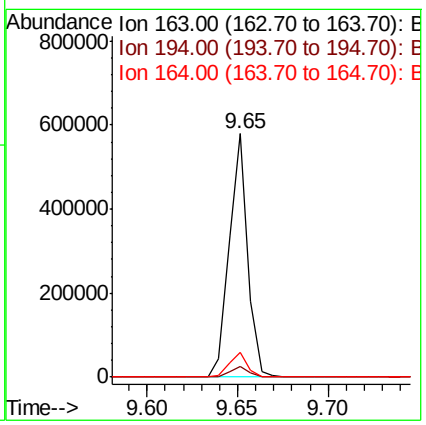


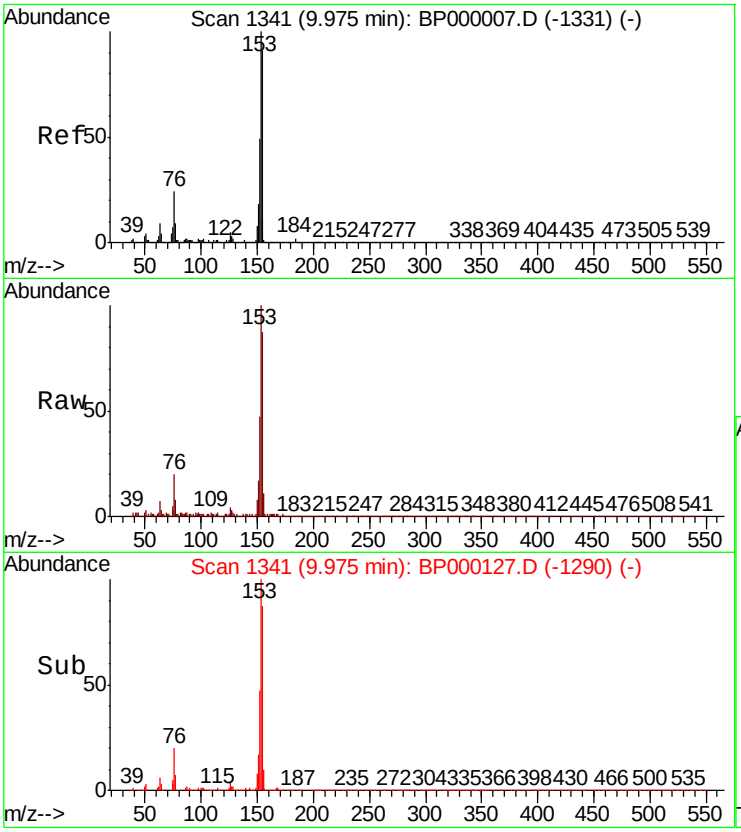


#50
Dimethylphthalate
Concen: 7.187 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Tgt Ion:163 Resp: 409295

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	9.9	8.4	12.6



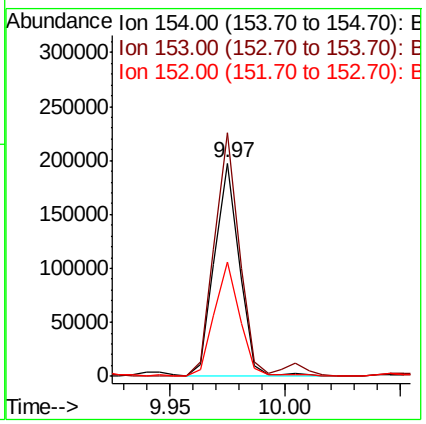


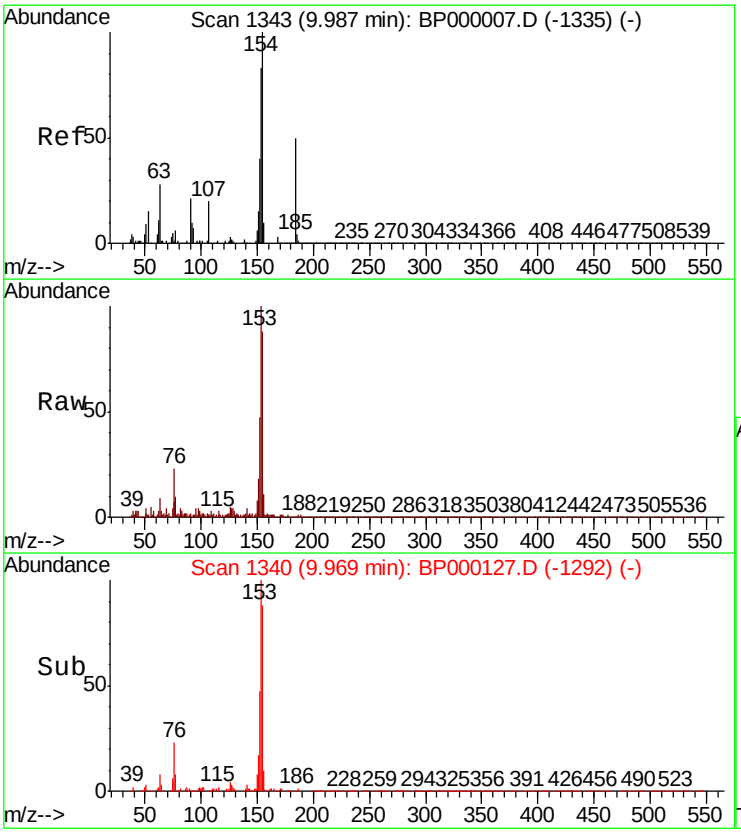
#52
Acenaphthene
Concen: 3.216 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:154 Resp: 146651

Ion	Ratio	Lower	Upper
154	100		
153	114.3	88.2	132.2
152	53.4	42.9	64.3

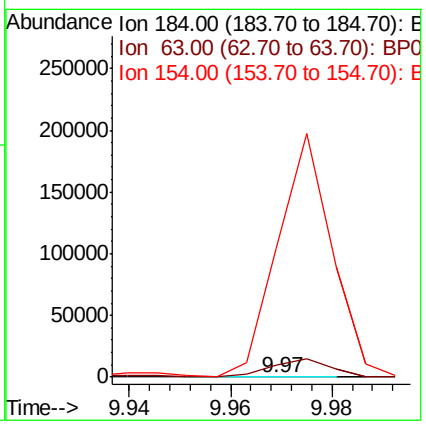


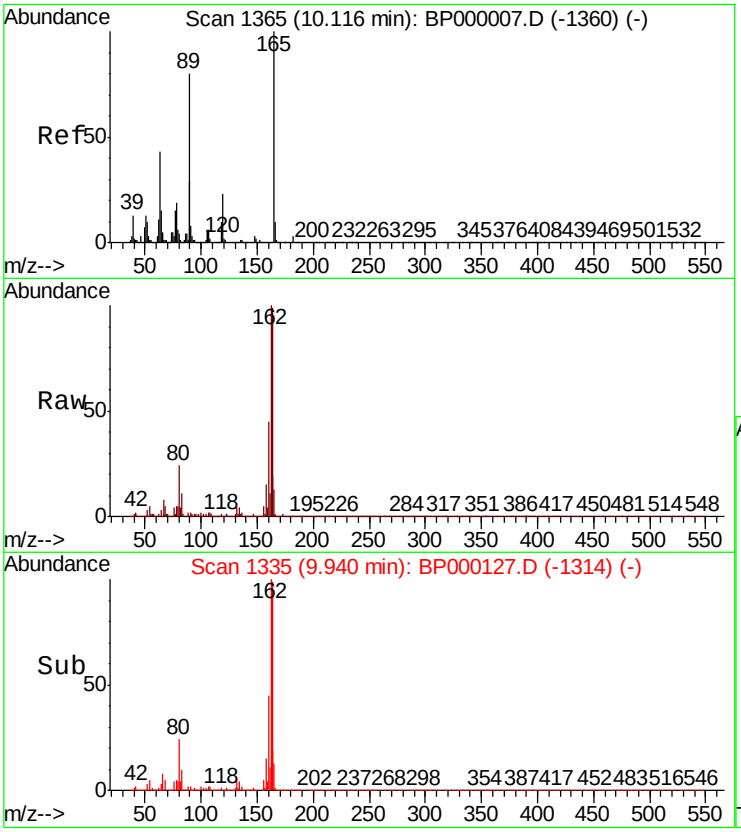


#54
2,4-Dinitrophenol
Concen: 8.666 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Tgt Ion:184 Resp: 88

Ion	Ratio	Lower	Upper
184	100		
63	5289.5	46.0	69.0#
154	54572.6	161.9	242.9#



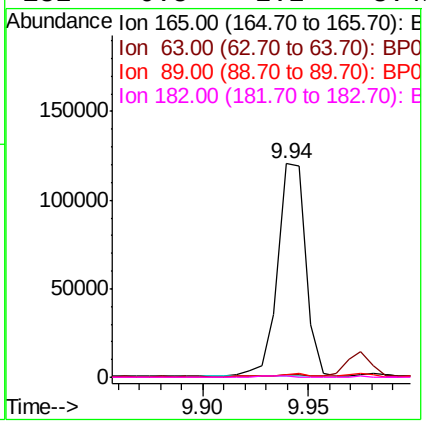


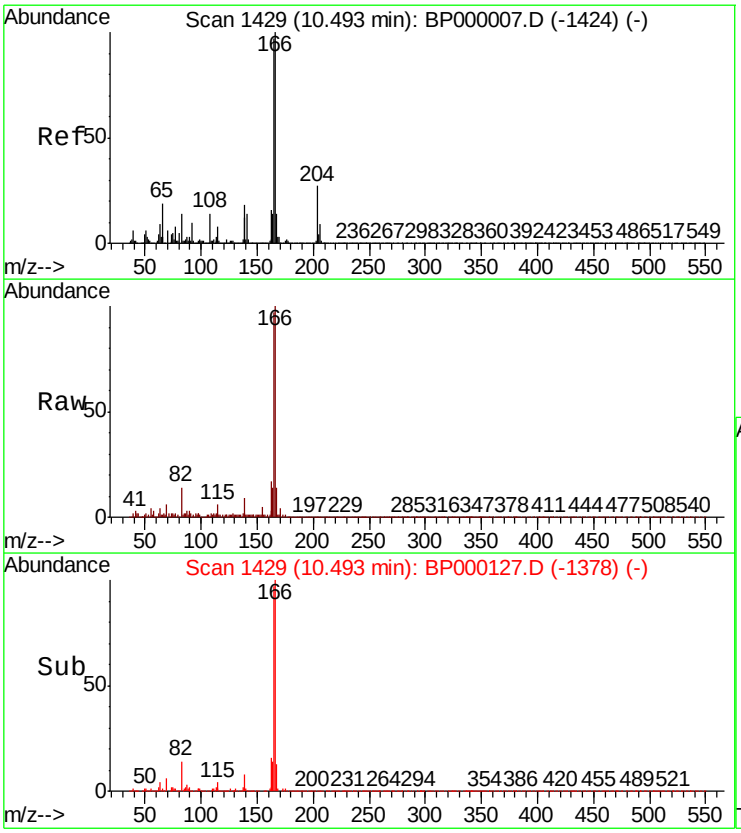
#57
2,4-Dinitrotoluene
Concen: 7.192 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.18 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 110991

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.4	51.6#
89	1.4	64.3	96.5#
182	0.5	2.2	3.4#

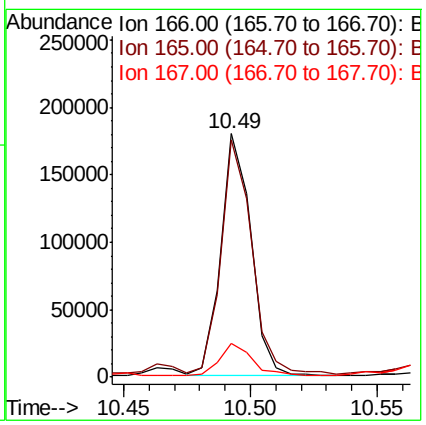


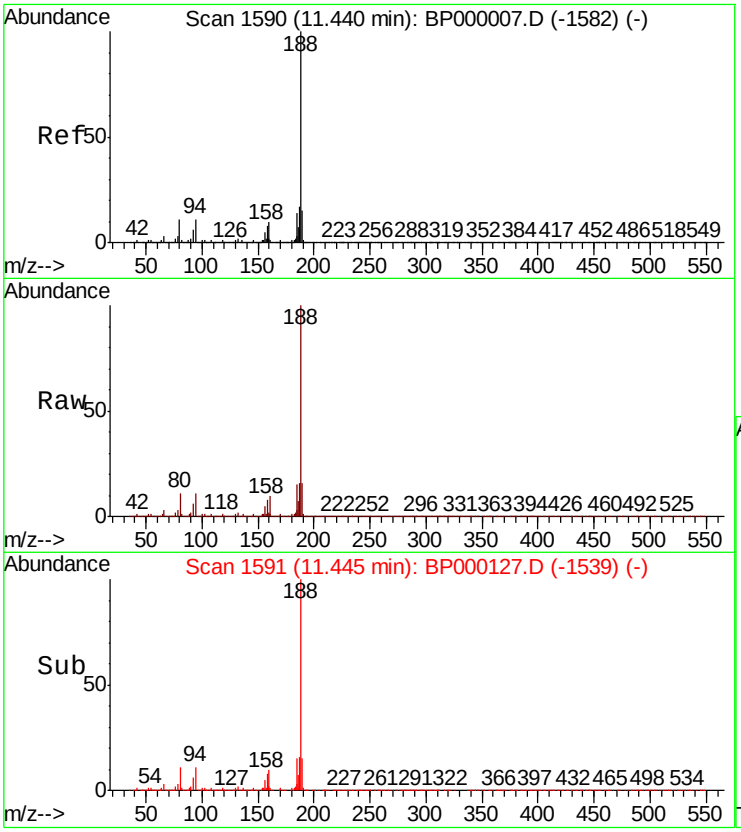


#58
Fluorene
Concen: 3.057 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Tgt Ion:166 Resp: 149003

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.3	115.9
167	13.7	11.0	16.6



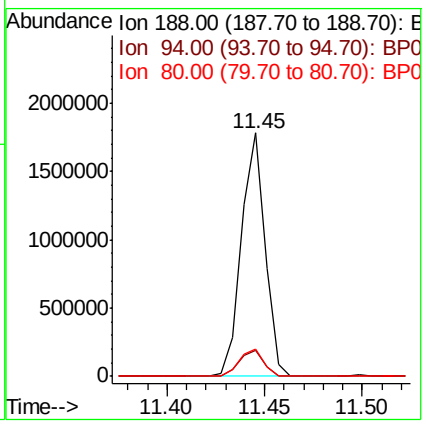


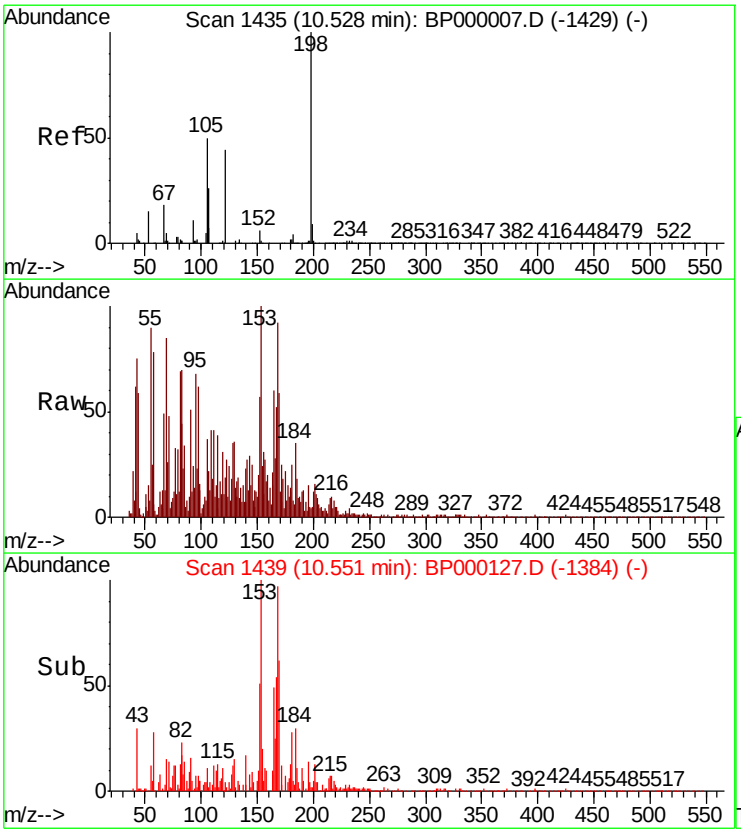
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 1494409

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.8	13.2
80	11.1	9.0	13.6

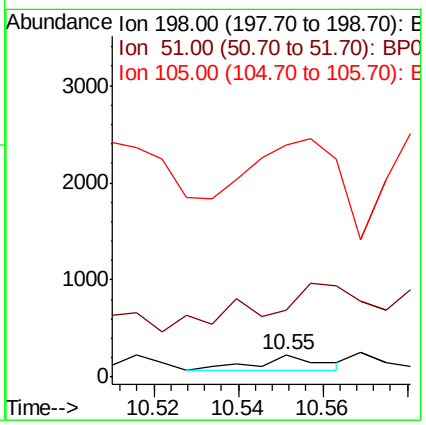


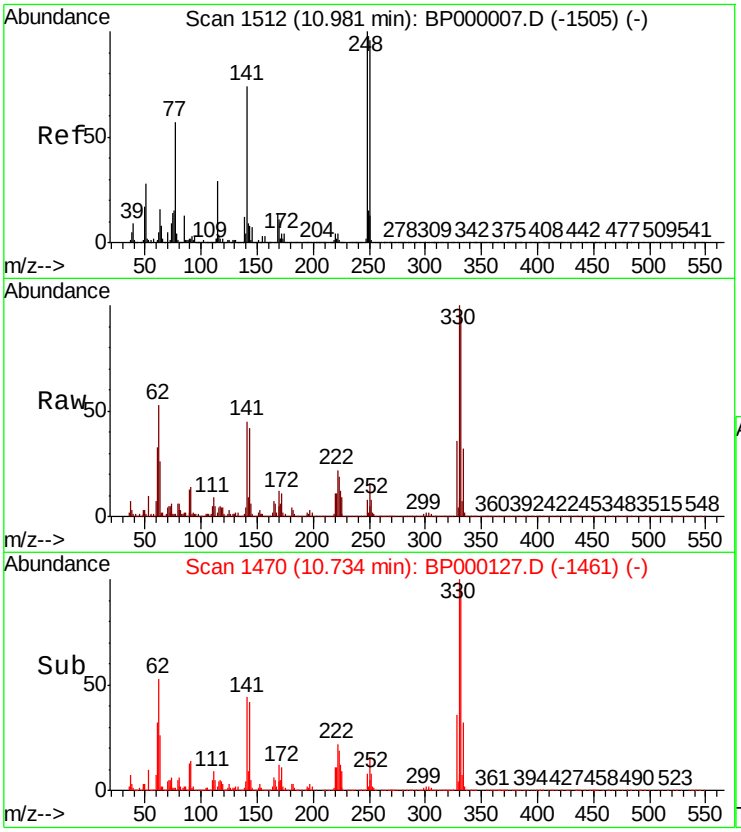


#65
4,6-Dinitro-2-methylphenol
Concen: 7.748 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.02 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Tgt Ion:198 Resp: 160

Ion	Ratio	Lower	Upper
198	100		
51	296.1	22.1	62.1#
105	1028.9	32.0	72.0#



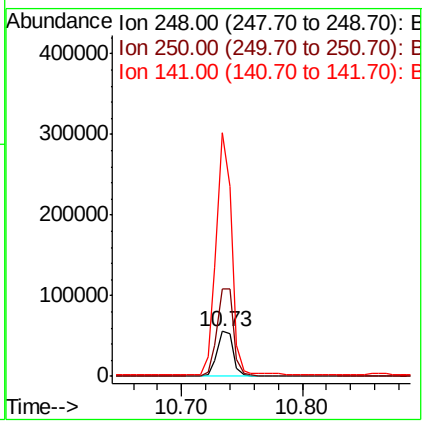


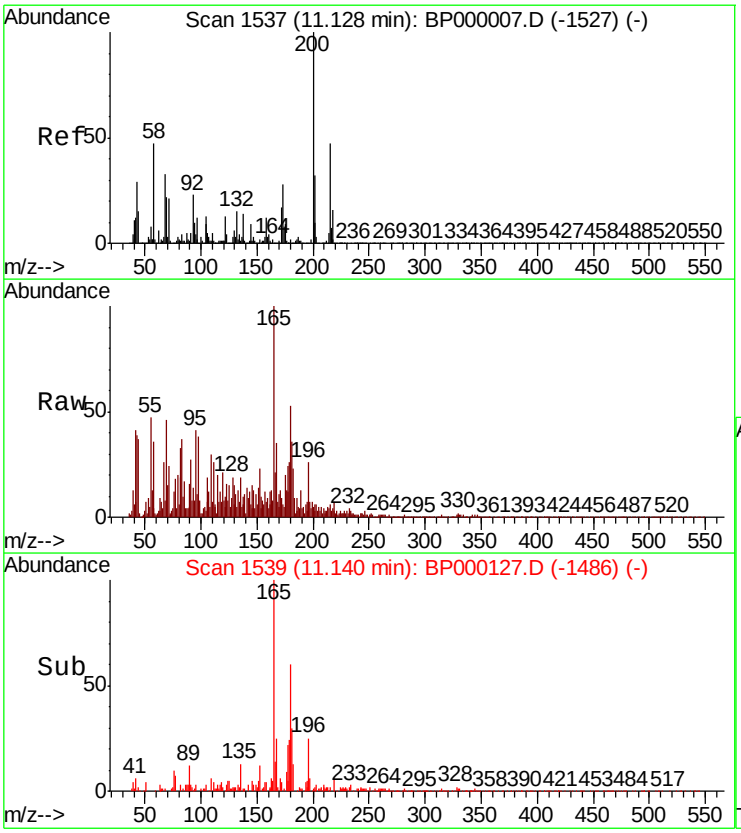
#67
4-Bromophenyl-phenylether
Concen: 3.376 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.25 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:248 Resp: 51270

Ion	Ratio	Lower	Upper
248	100		
250	195.4	77.1	115.7#
141	545.5	59.5	89.3#

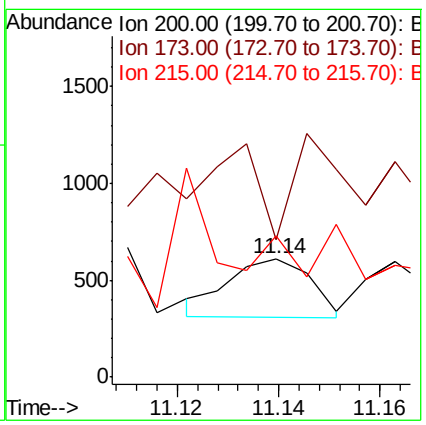


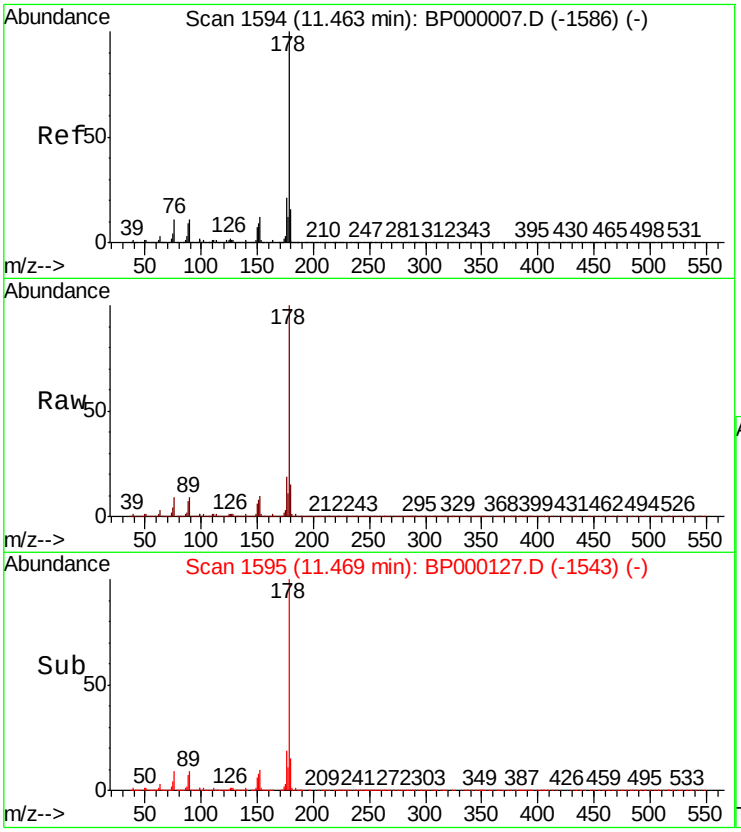


#69
Atrazine
Concen: Below Cal
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Tgt Ion:200 Resp: 337

Ion	Ratio	Lower	Upper
200	100		
173	116.6	8.1	48.1#
215	120.0	26.7	66.7#



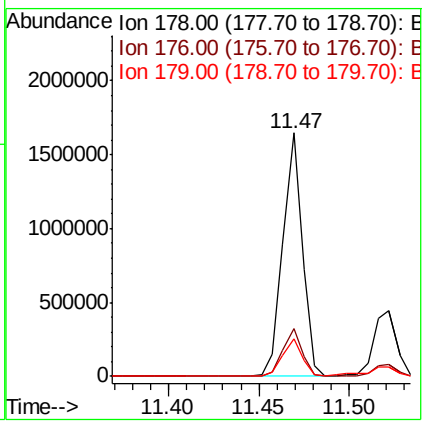


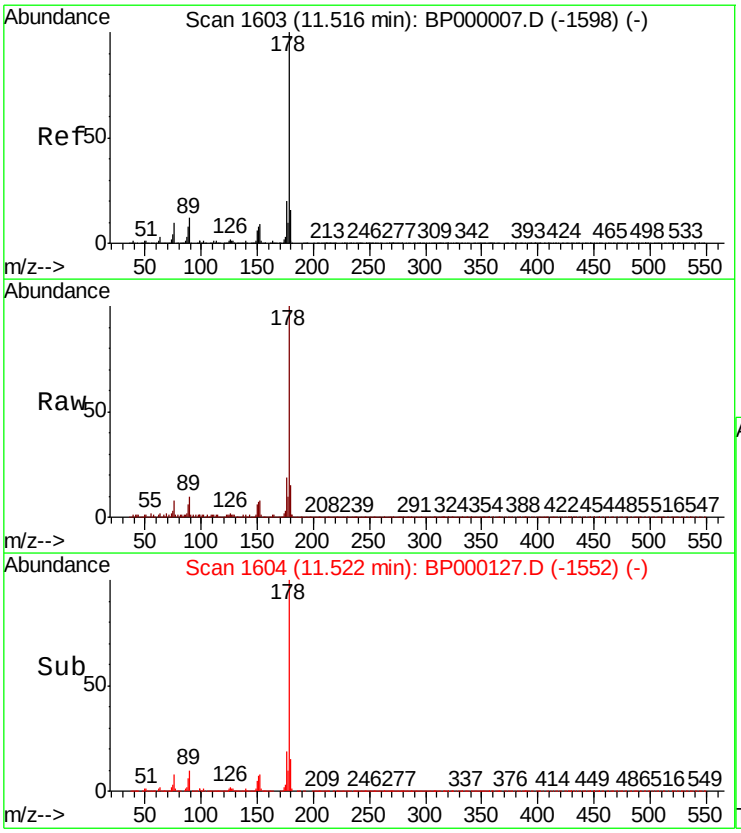
#71
Phenanthrene
Concen: 16.605 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.01 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 1236850

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.7	25.1
179	15.3	13.1	19.7

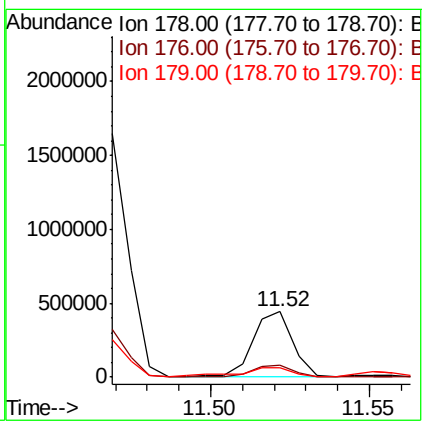


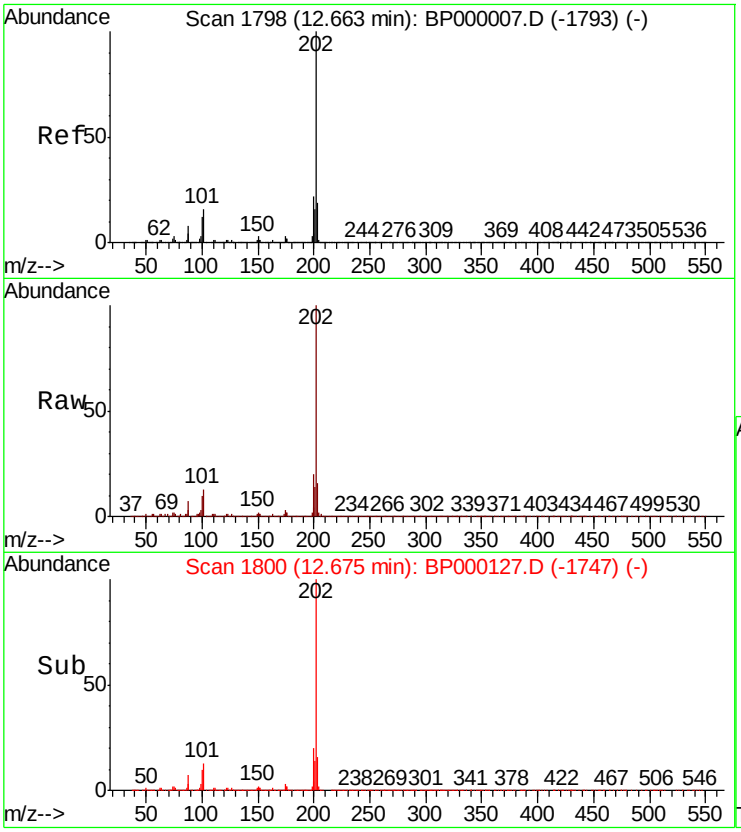


#72
Anthracene
Concen: 5.184 ng
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Tgt Ion:178 Resp: 381435

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.2	13.0	19.6



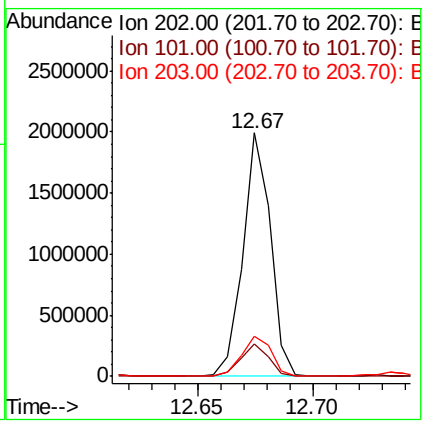


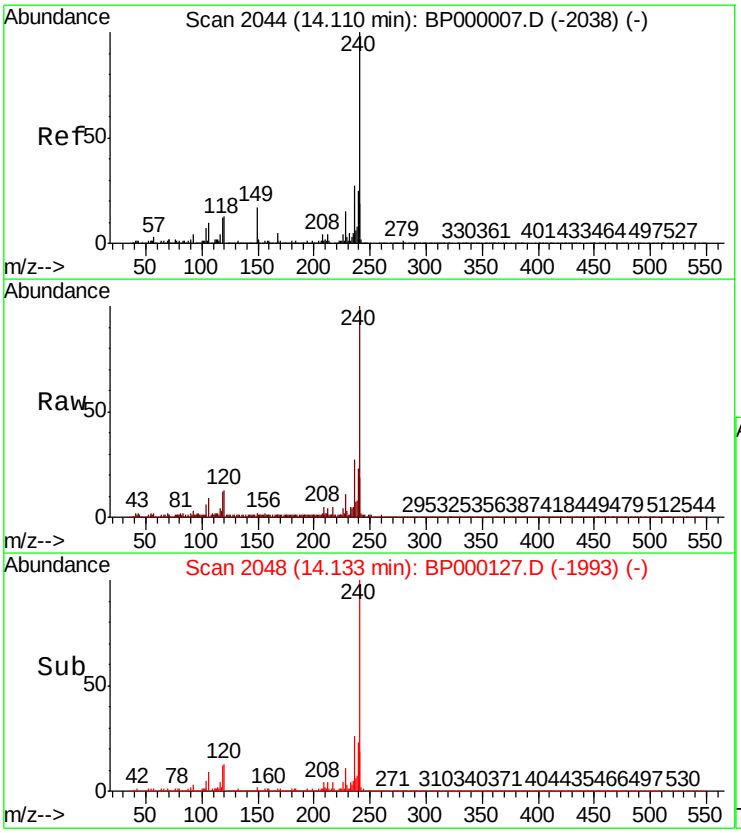
#75
Fluoranthene
Concen: 20.357 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 1647721

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	36.4
203	16.4	0.0	38.7

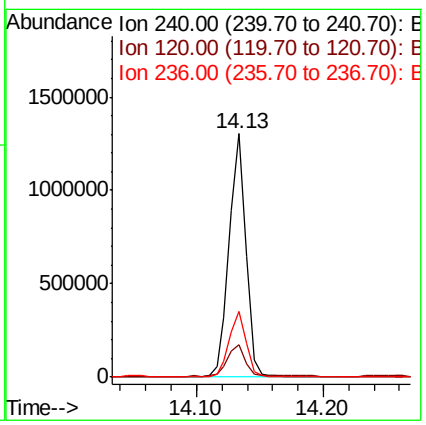


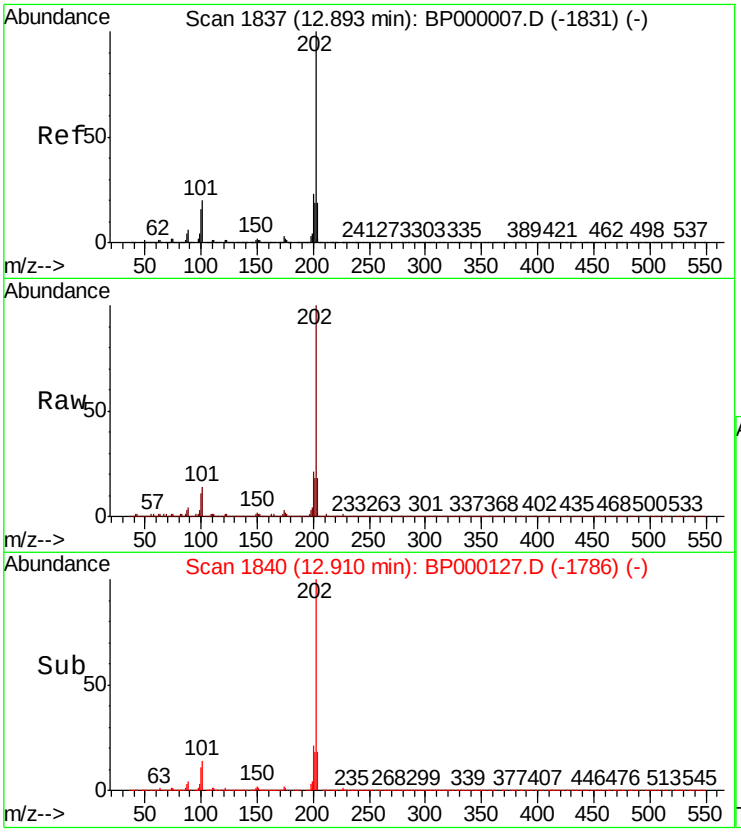


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.02 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Tgt Ion:240 Resp: 1174155

Ion	Ratio	Lower	Upper
240	100		
120	13.1	10.5	15.7
236	26.9	21.5	32.3



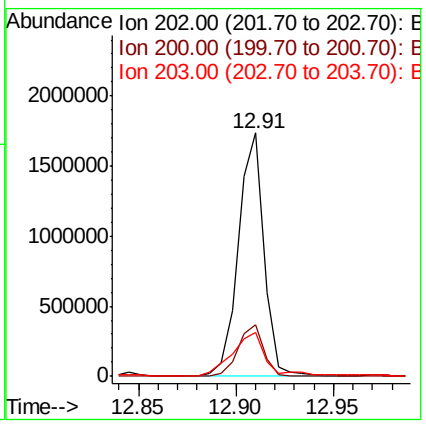


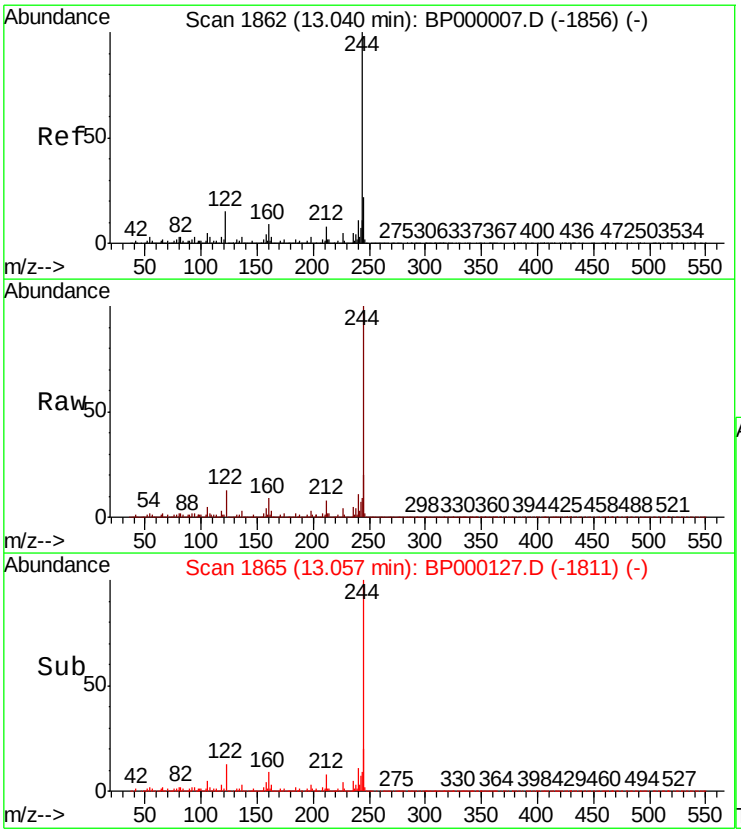
#78
Pyrene
Concen: 18.172 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.02 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 1569662

Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.5	27.7
203	17.9	15.1	22.7

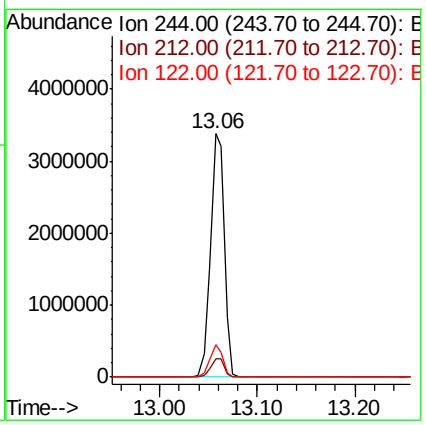


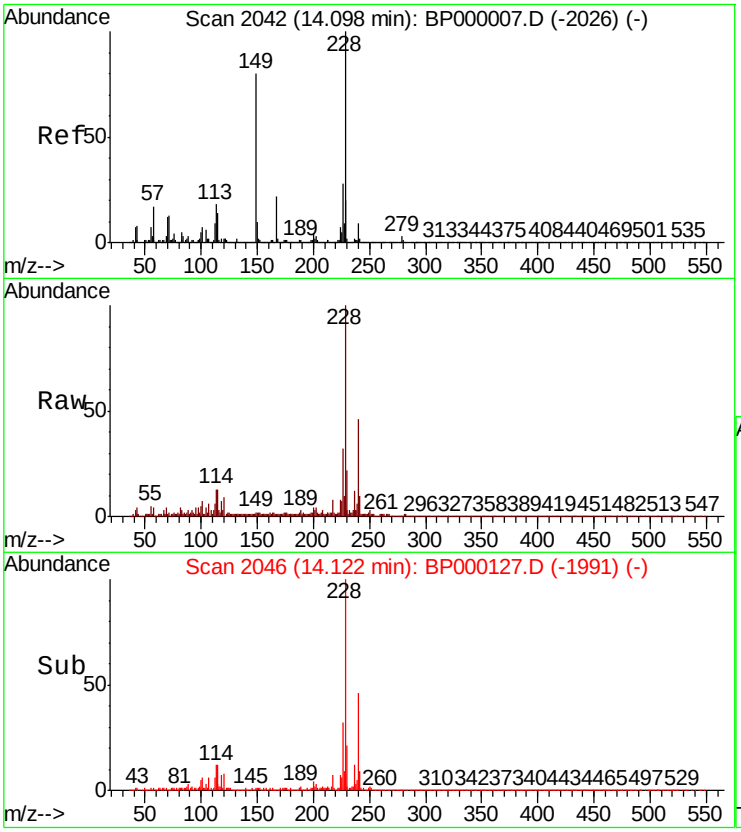


#79
Terphenyl-d14
Concen: 61.336 ng
RT: 13.06 min Scan# 1865
Delta R.T. 0.02 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Tgt Ion:244 Resp: 3304166

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	10.0
122	13.1	12.3	18.5



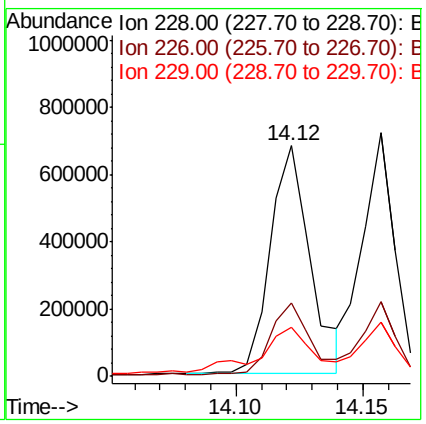


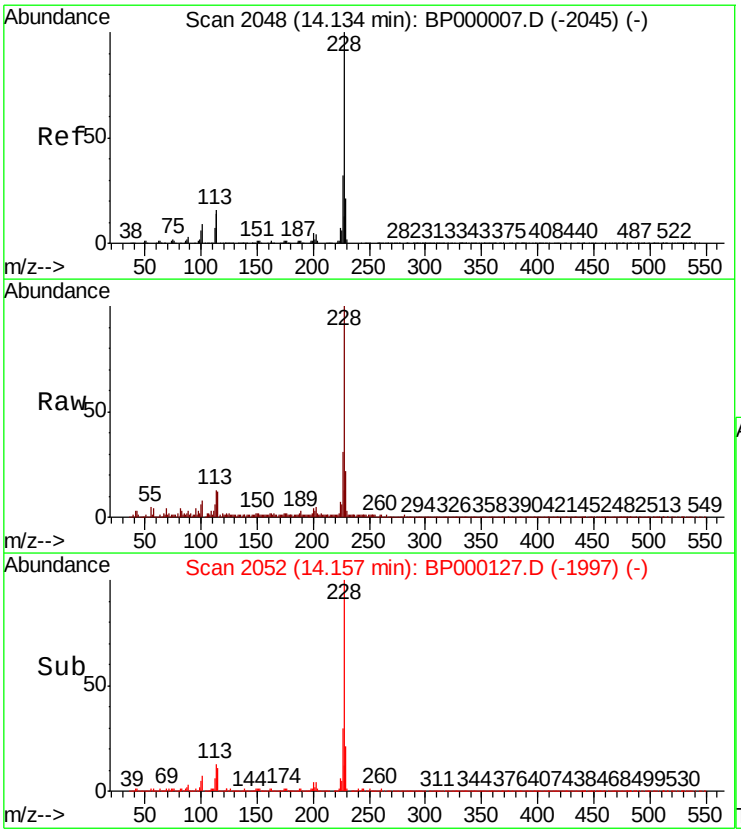
#81
Benzo(a)anthracene
Concen: 9.831 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.02 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 747972

Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.5	33.7
229	21.6	16.2	24.2

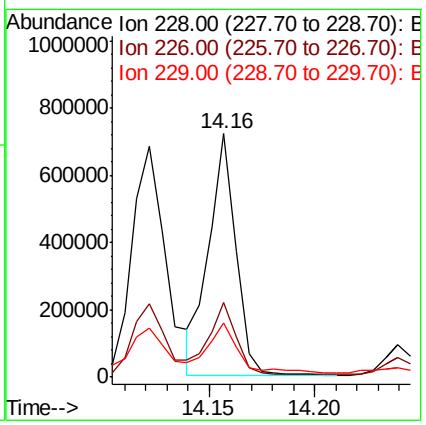


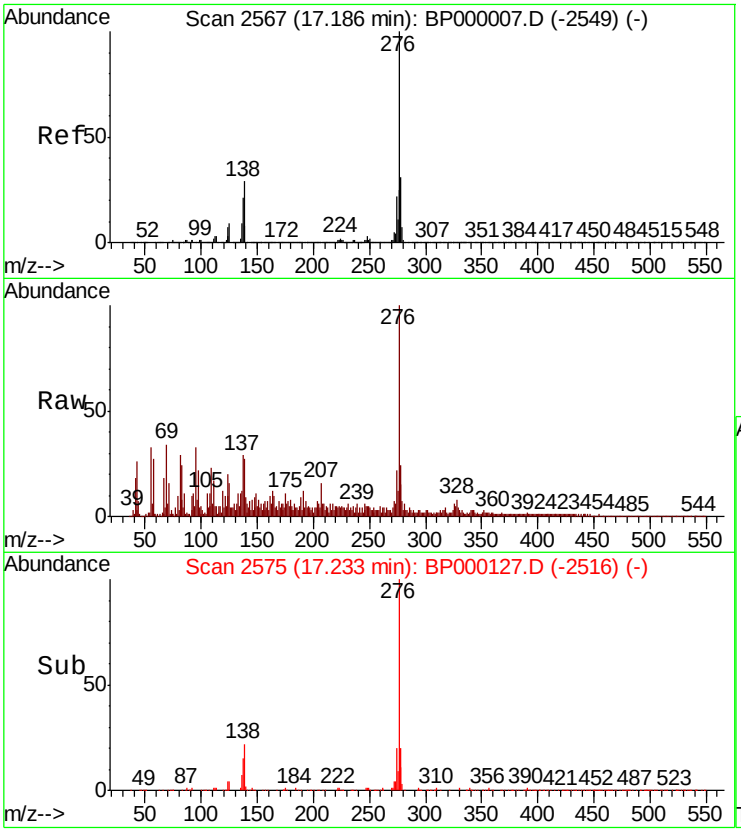


#83
Chrysene
Concen: 8.911 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.02 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Tgt Ion:228 Resp: 641314

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.5	38.3
229	22.3	16.5	24.7



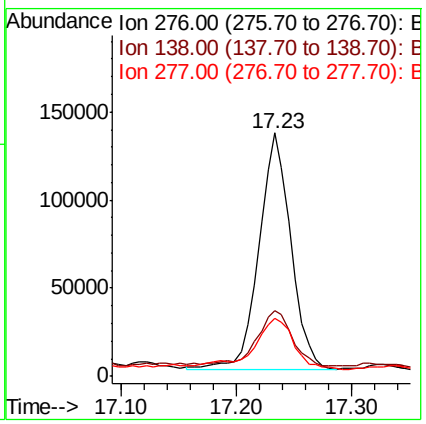


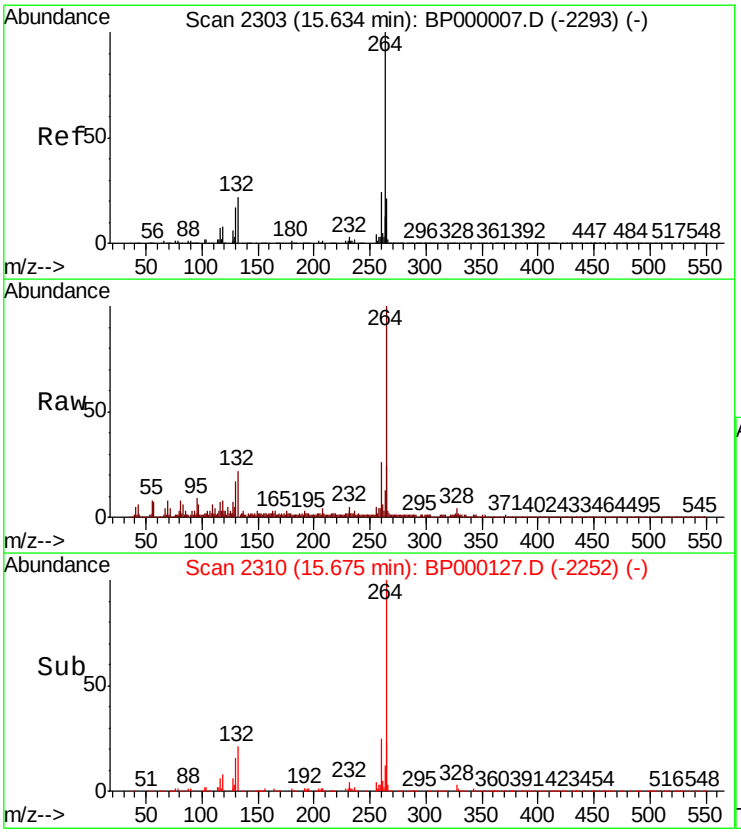
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.870 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.05 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 258857

Ion	Ratio	Lower	Upper
276	100		
138	27.2	26.5	39.7
277	27.6	20.3	30.5

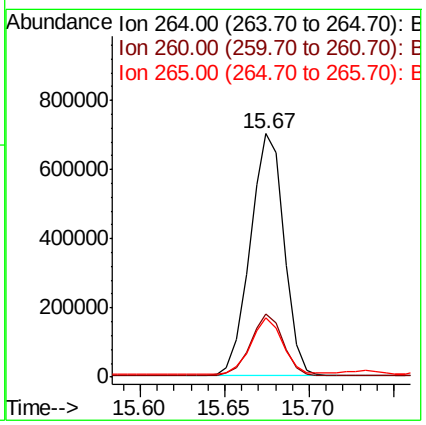


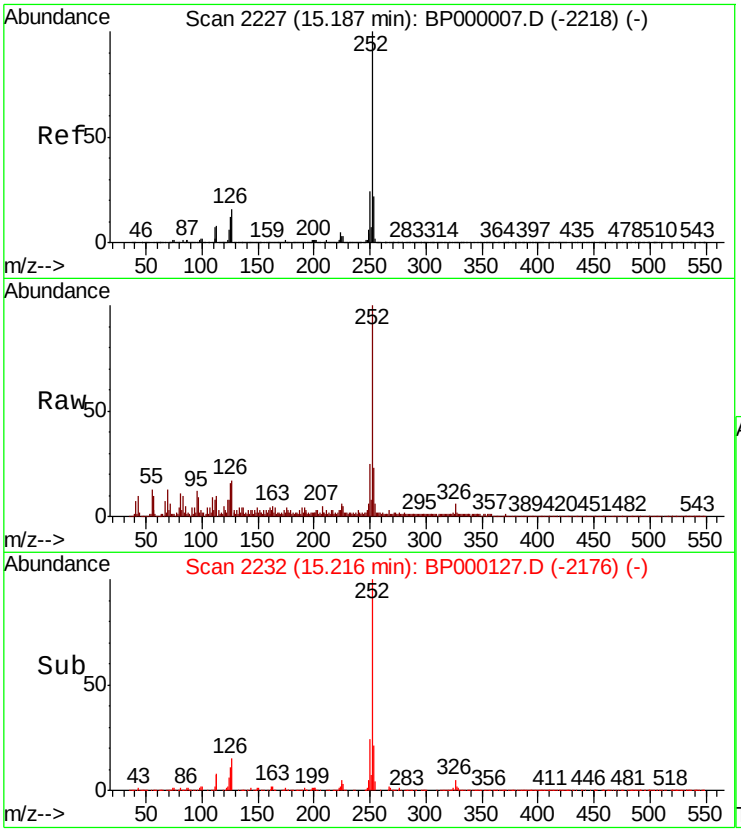


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.04 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Tgt Ion:264 Resp: 972245

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.1	28.7
265	24.3	17.1	25.7



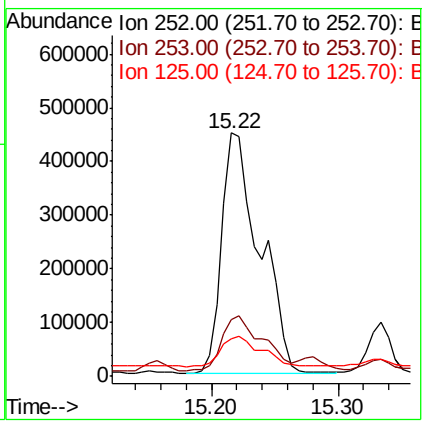


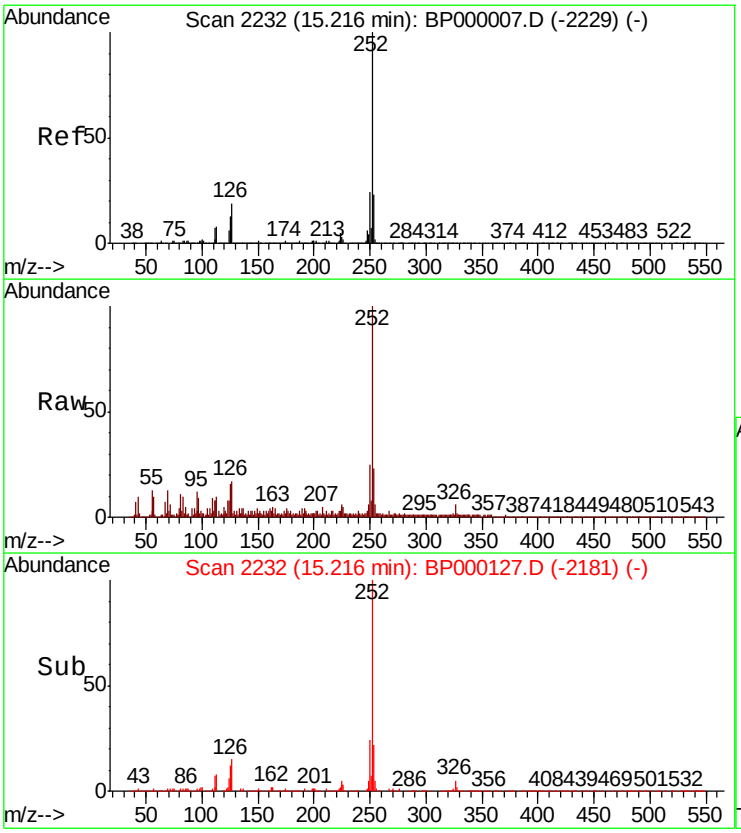
#88
Benzo(b)fluoranthene
Concen: 15.758 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.03 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 935818

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	15.6	9.4	14.2#

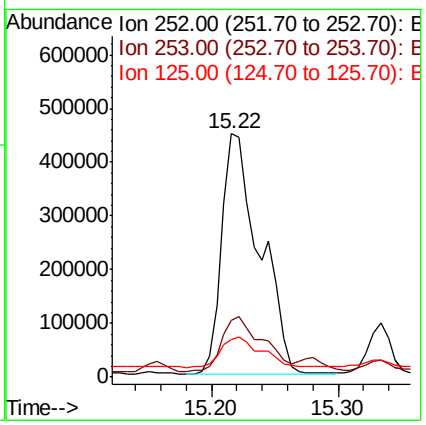


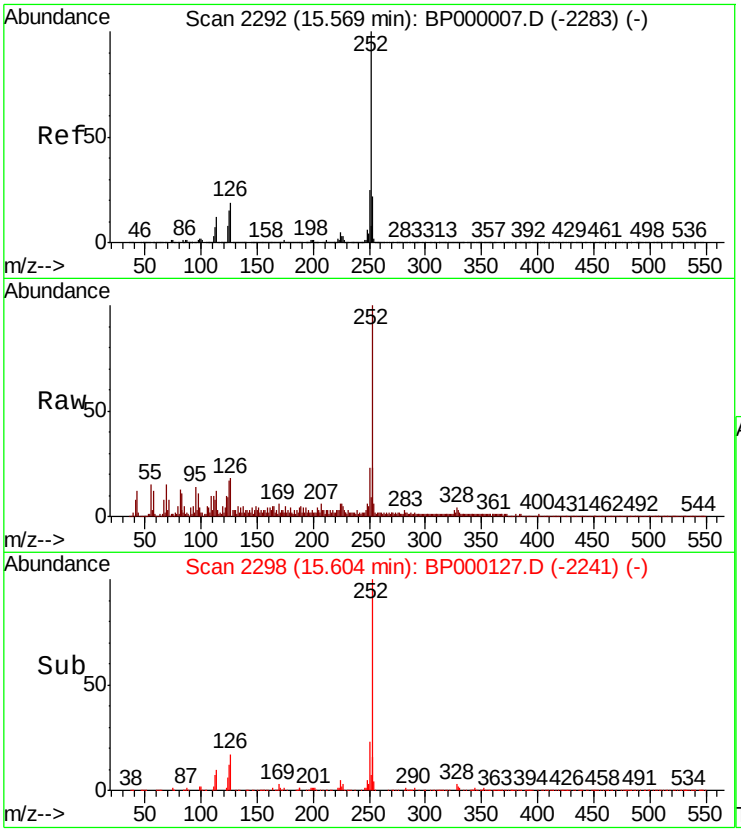


#89
Benzo(k)fluoranthene
Concen: 17.220 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Tgt Ion:252 Resp: 935818

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	15.6	10.3	15.5#



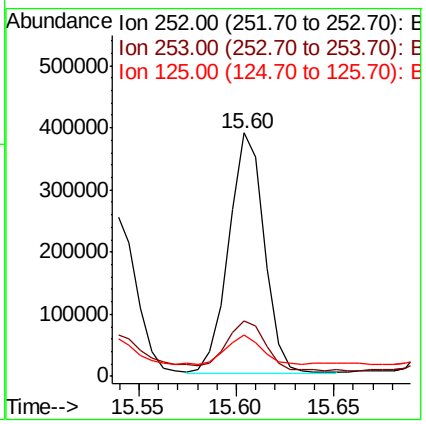


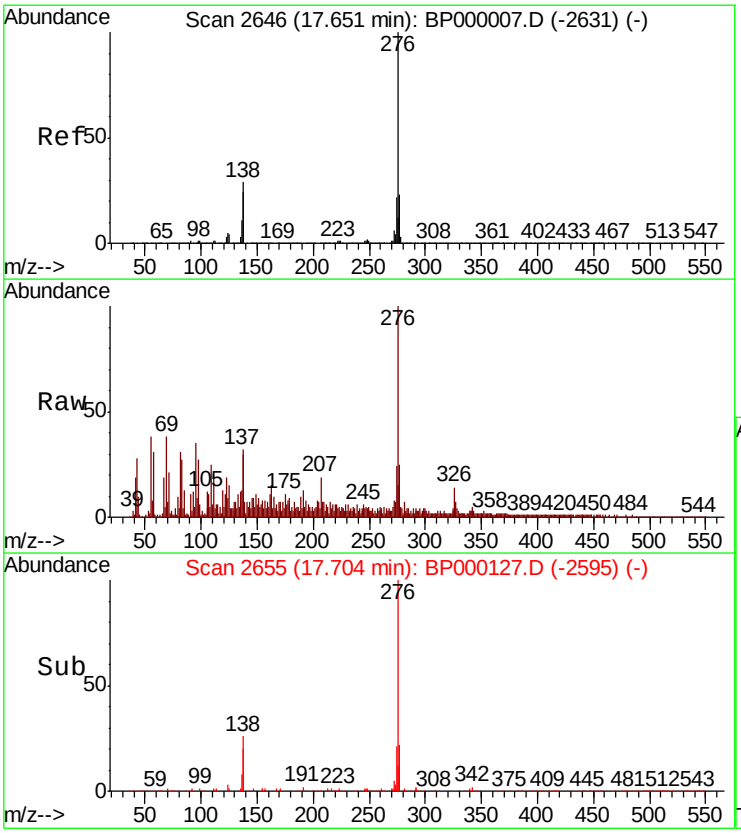
#90
Benzo(a)pyrene
Concen: 9.057 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.04 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 485519

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	17.1	11.7	17.5





#92
Benzo(g,h,i)perylene
Concen: 4.206 ng
RT: 17.70 min Scan# 2655
Delta R.T. 0.05 min
Lab File: BP000127.D
Acq: 09 Sep 2019 06:49

Tgt Ion:276 Resp: 223201

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	28.0
138	30.2	23.0	34.4