Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000118.D
Acq On : 09 Sep 2019 03:11
Operator : HP/JU
Sample : K4662-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 09 06:42:32 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	6.89	152	447599	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1666906	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	887964	20.00	ng		-0.01
64) Phenanthrene-d10	11.43	188	1611519	20.00	ng		-0.01
76) Chrysene-d12	14.10	240	1265079	20.00	ng		-0.01
87) Perylene-d12	15.62	264	1337099	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1649367	58.76	ng		0.00
7) Phenol-d6	6.51	99	2146566	60.58	ng		0.00
23) Nitrobenzene-d5	7.45	82	1152186	42.41	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	510863	68.25	ng		-0.01
45) 2-Fluorobiphenyl	9.25	172	2461762	46.30	ng		0.00
79) Terphenyl-d14	13.03	244	2664087	45.90	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	142289	7.056	ng	#	77
25) Isophorone	7.45	82	1149132	20.020	ng	#	66
32) Benzoic acid	7.87	122	284	8.077	ng	#	1
49) Acenaphthylene	9.79	152	277382	3.592	ng		97
50) Dimethylphthalate	9.64	163	271746	4.491	ng		99
51) 2,6-Dinitrotoluene	9.93	165	117997	9.187	ng	#	30
54) 2,4-Dinitrophenol	9.99	184	101	8.667	ng	#	1
57) 2,4-Dinitrotoluene	9.93	165	117997	7.196	ng	#	21
65) 4,6-Dinitro-2-methylphenol	10.51	198	126	7.741	ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	37236	2.274	ng	#	1
69) Atrazine	11.12	200	102	Below Cal		#	1
71) Phenanthrene	11.45	178	286680	3.569	ng		97
72) Anthracene	11.50	178	178380	2.248	ng		99
75) Fluoranthene	12.65	202	756984	8.673	ng		97
78) Pyrene	12.89	202	948573	10.192	ng		96
81) Benzo(a)anthracene	14.12	228	479199	5.846	ng		94
83) Chrysene	14.12	228	479199	6.180	ng		97
88) Benzo(b)fluoranthene	15.17	252	950988	11.644	ng		94
89) Benzo(k)fluoranthene	15.17	252	950988	12.724	ng		96
90) Benzo(a)pyrene	15.55	252	539459	7.317	ng		98
92) Benzo(g,h,i)perylene	17.63	276	335110	4.592	ng		98

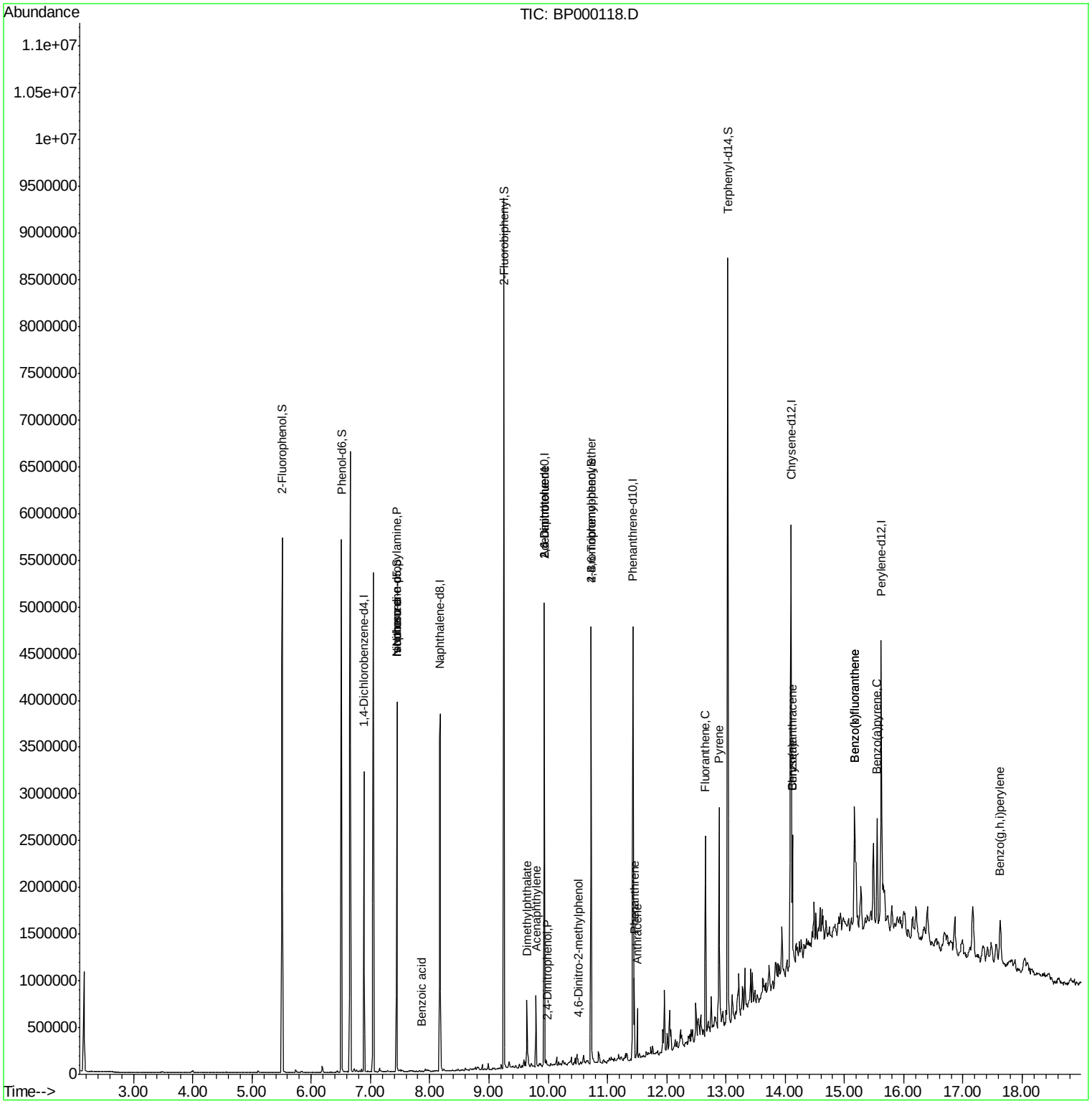
(#) = qualifier out of range (m) = manual integration (+) = signals summed

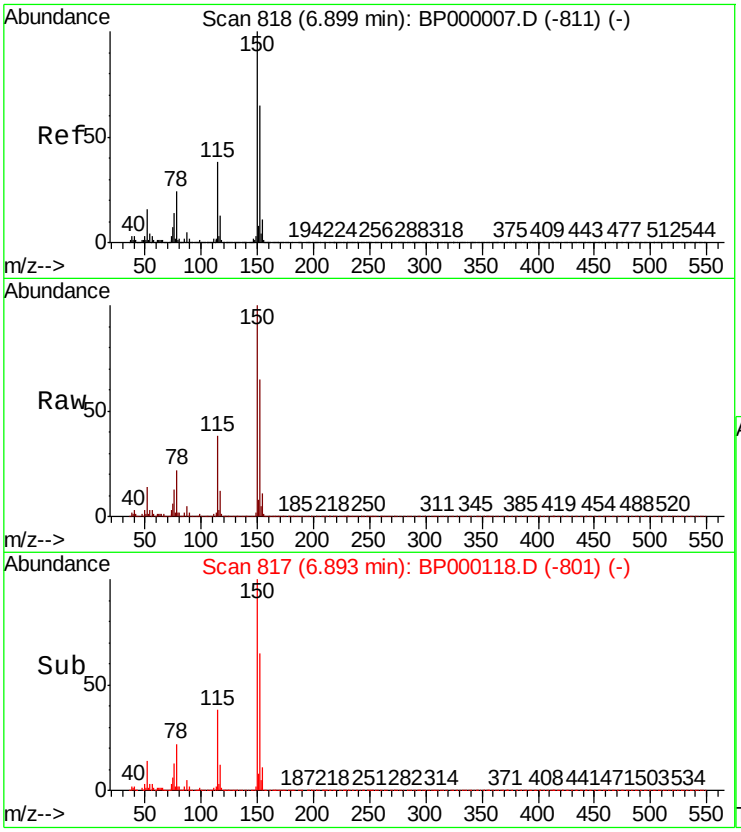
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000118.D
Acq On : 09 Sep 2019 03:11
Operator : HP/JU
Sample : K4662-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 09 06:42:32 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



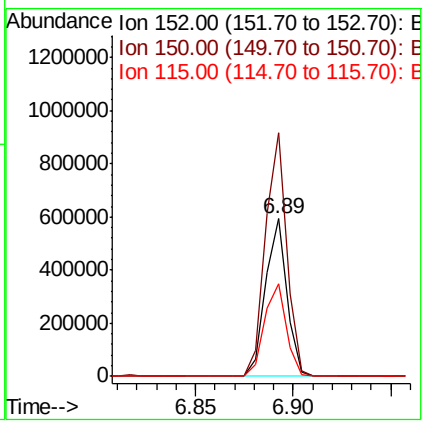


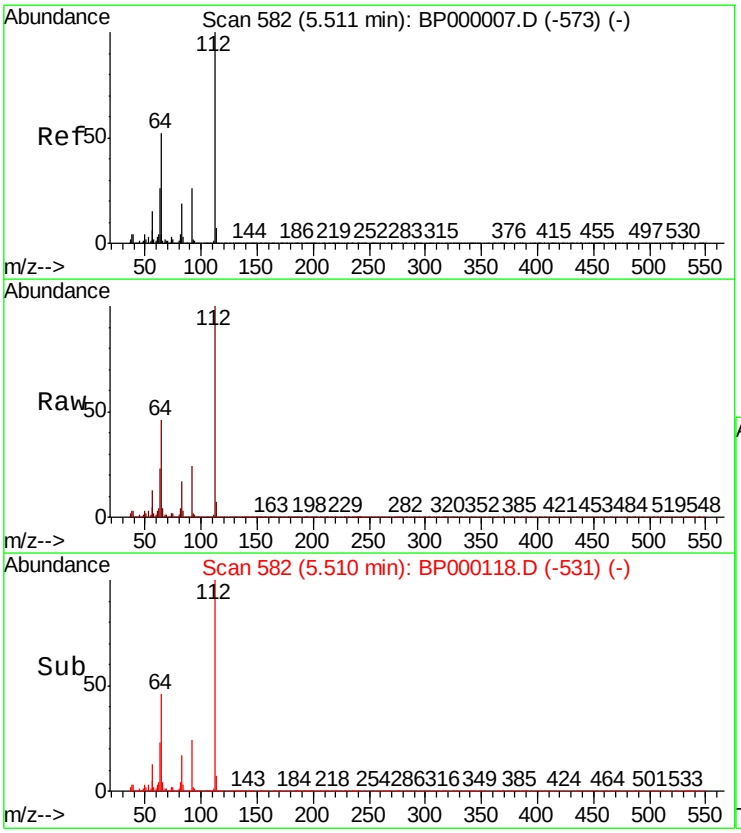
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 447599

Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.0	184.6
115	58.7	46.7	70.1

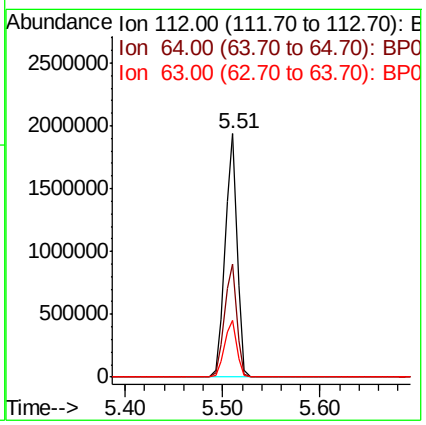


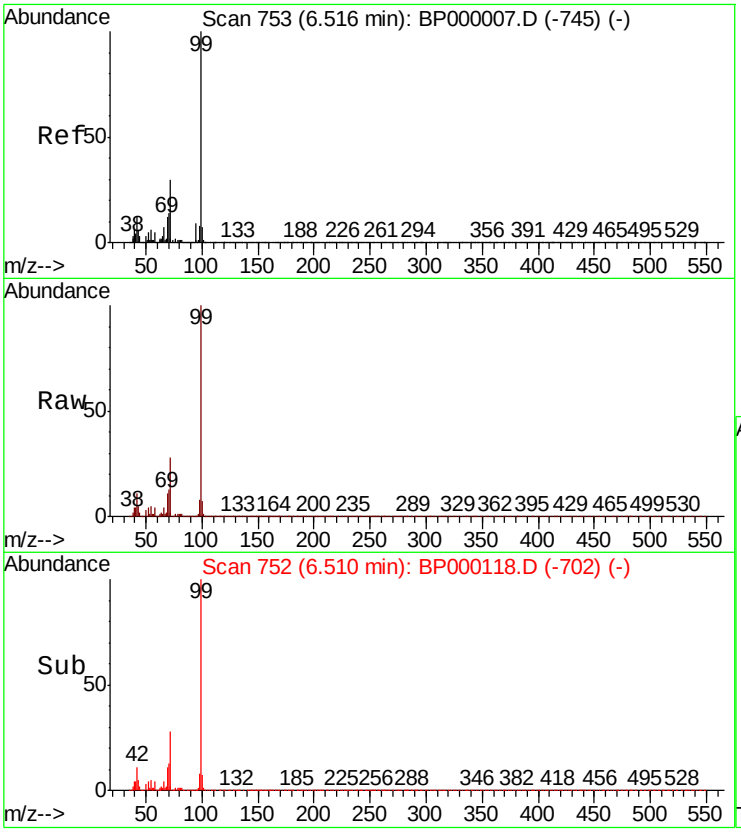


#5
2-Fluorophenol
Concen: 58.761 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.00 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:112 Resp: 1649367

Ion	Ratio	Lower	Upper
112	100		
64	46.2	41.8	62.8
63	23.3	21.0	31.4



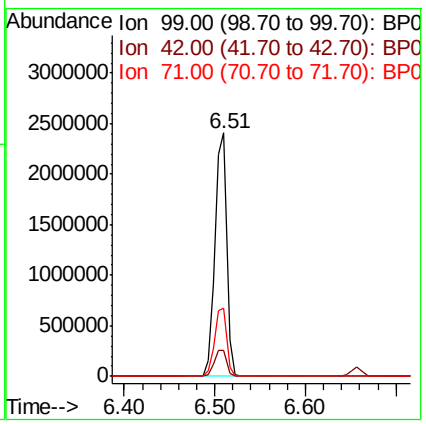


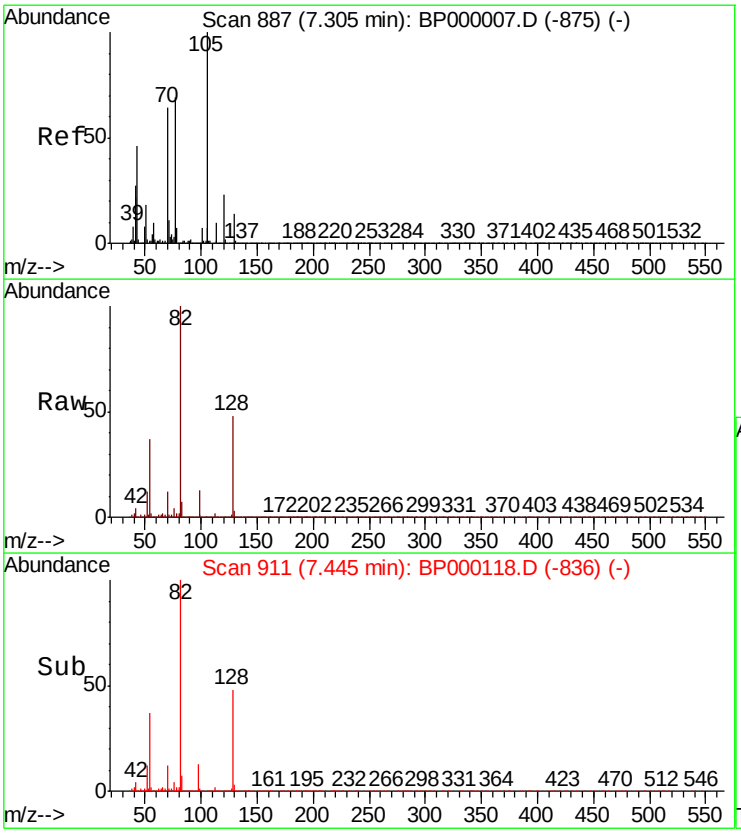
#7
Phenol-d6
Concen: 60.577 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 2146566

Ion	Ratio	Lower	Upper
99	100		
42	10.9	9.8	14.8
71	28.3	23.8	35.8

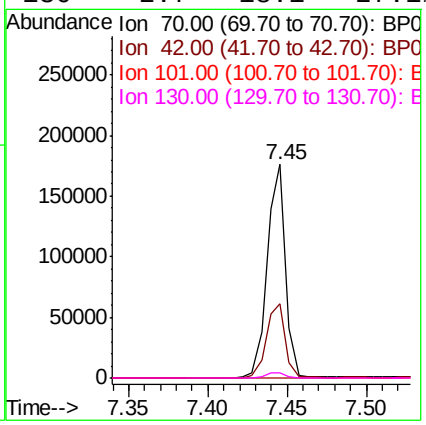


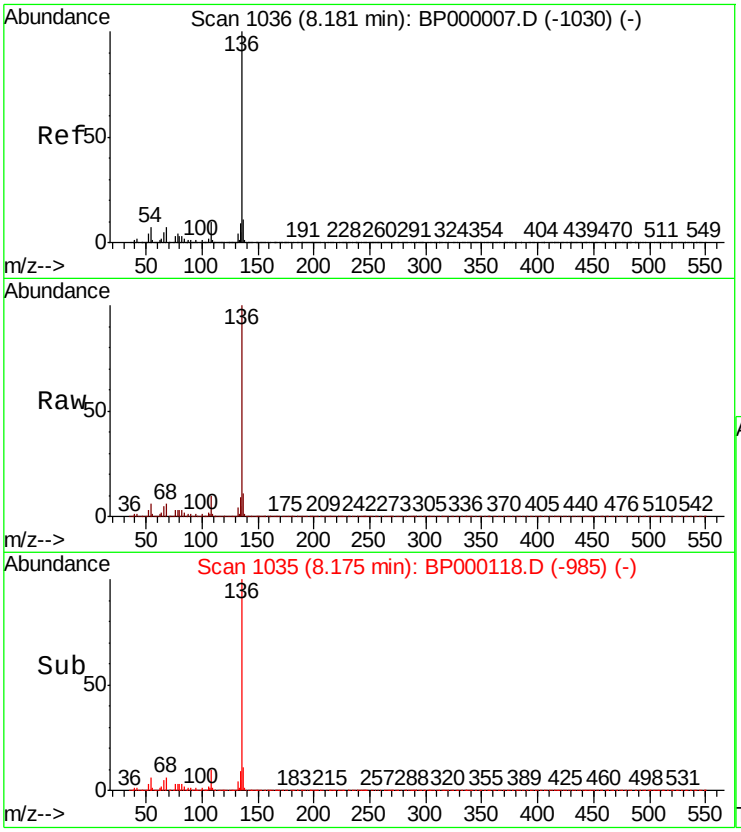


#19
n-Nitroso-di-n-propylamine
Concen: 7.056 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion: 70 Resp: 142289

Ion	Ratio	Lower	Upper
70	100		
42	34.8	33.8	50.6
101	0.0	8.7	13.1#
130	2.7	18.1	27.1#



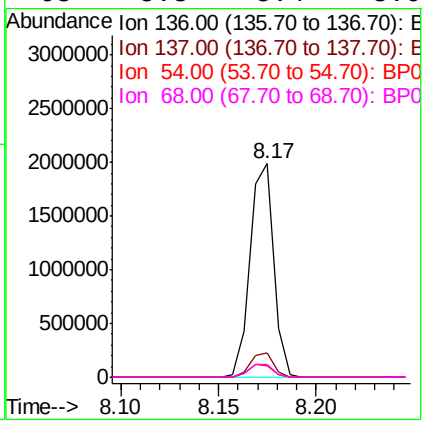


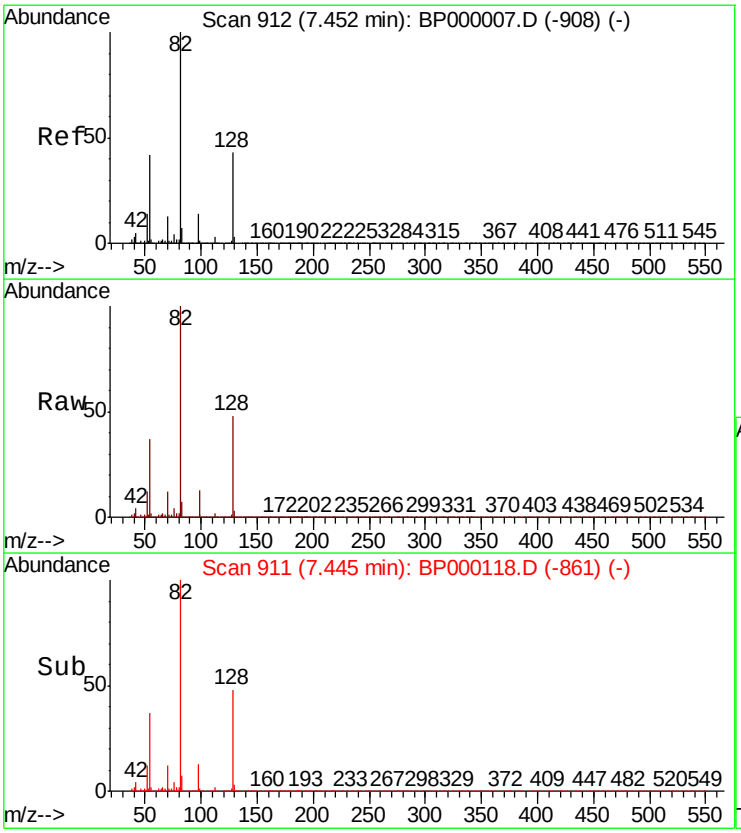
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 1666906

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.7	5.4	8.2
68	5.8	5.4	8.0

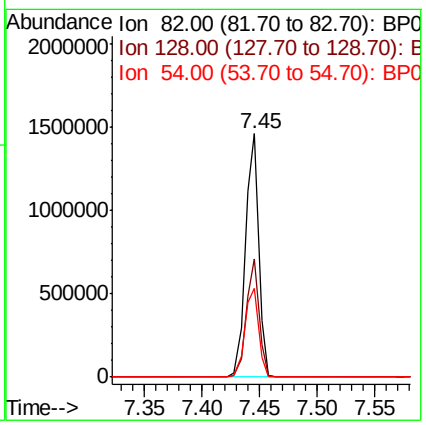


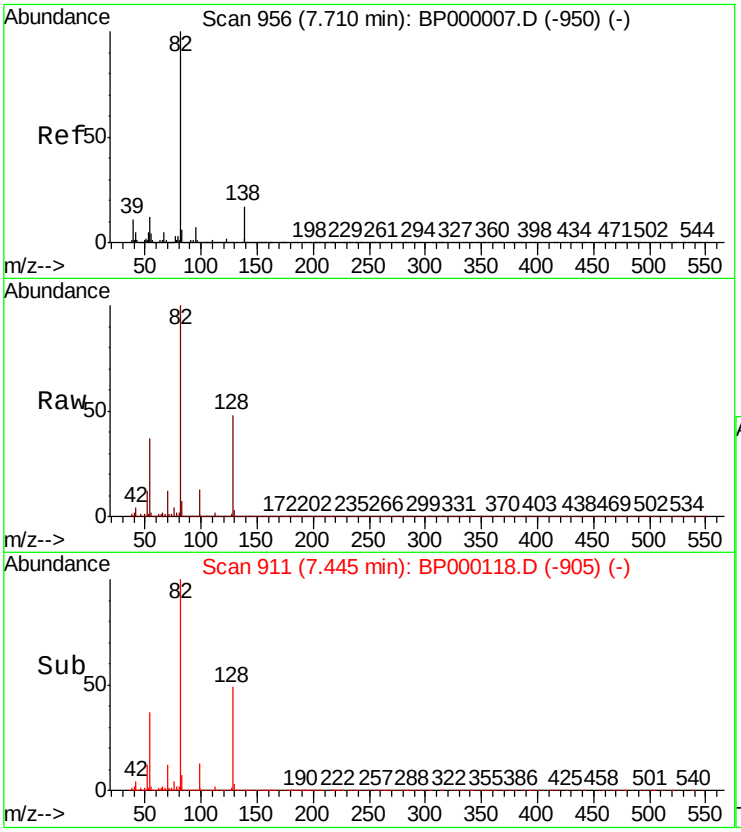


#23
Nitrobenzene-d5
Concen: 42.413 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion: 82 Resp: 1152186

Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.5	51.7
54	36.7	33.2	49.8



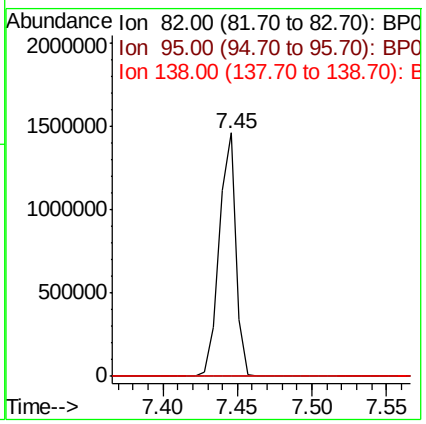


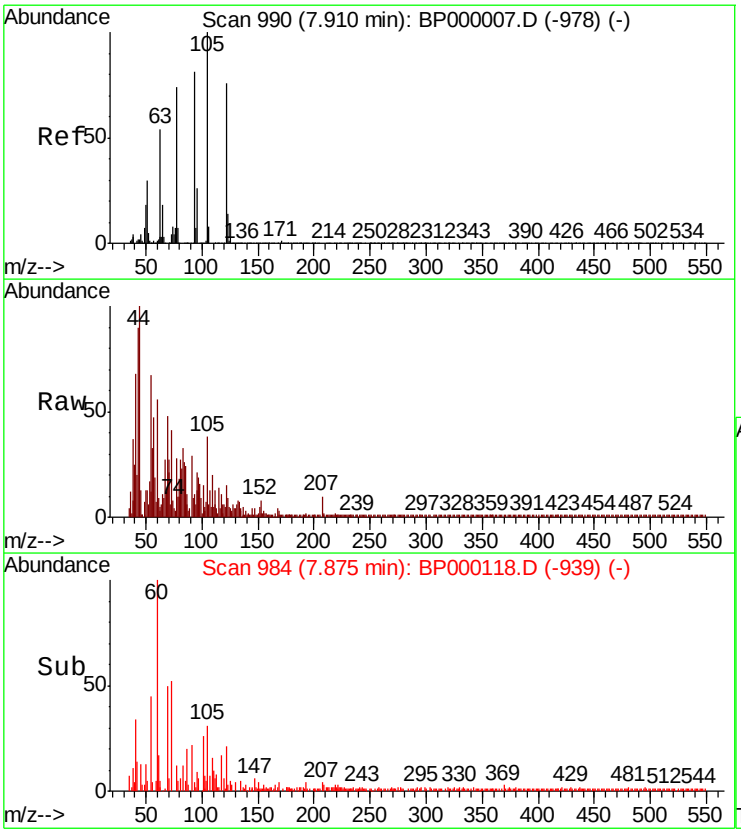
#25
Isophorone
Concen: 20.020 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.27 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1149132

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

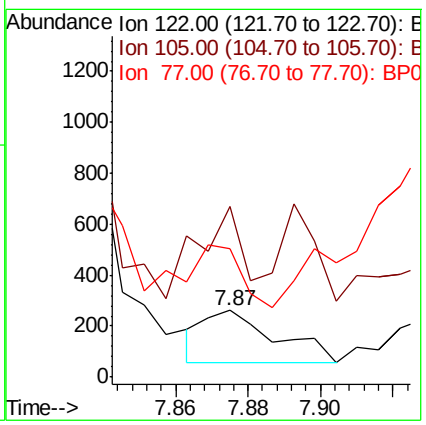


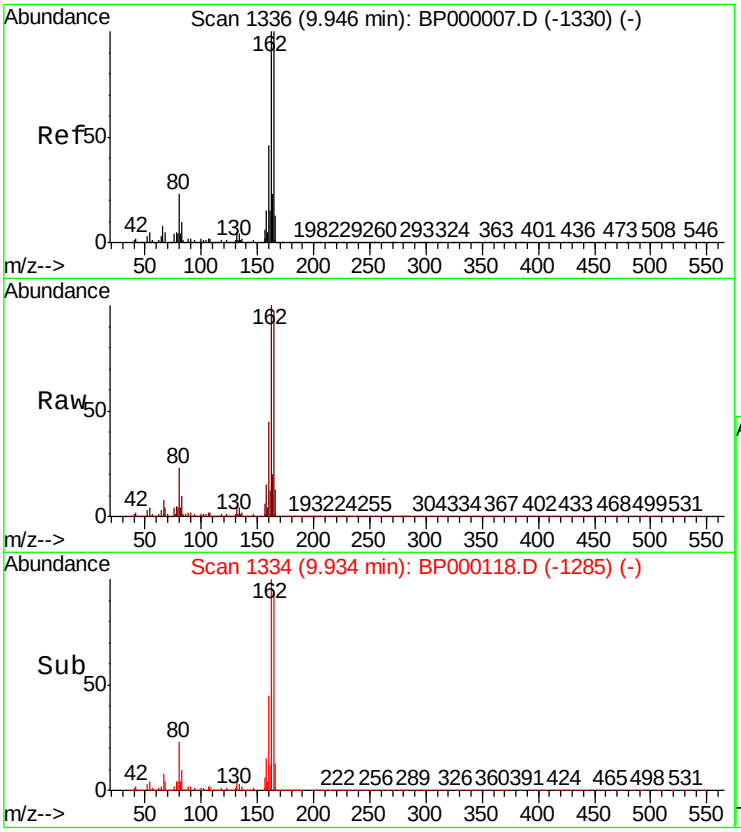


#32
Benzoic acid
Concen: 8.077 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.04 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:122 Resp: 284

Ion	Ratio	Lower	Upper
122	100		
105	256.1	104.6	144.6#
77	192.4	74.1	114.1#



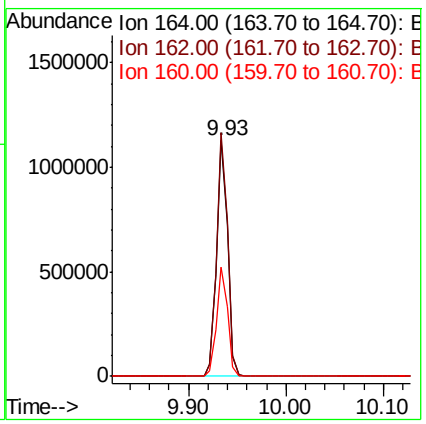


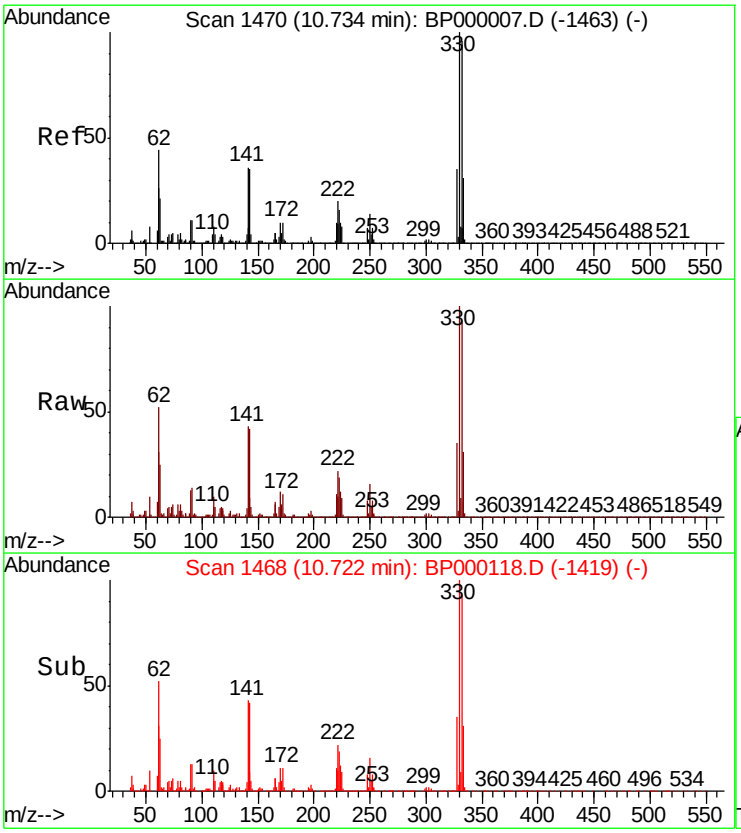
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 887964

Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.2	120.4
160	46.5	36.6	55.0

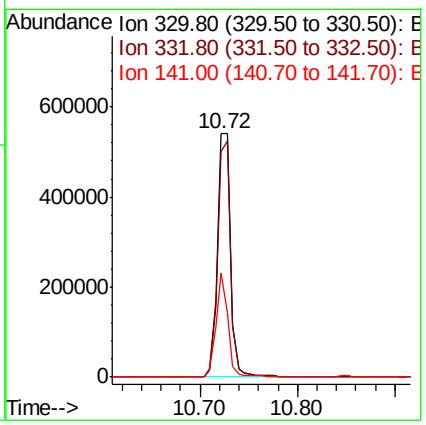


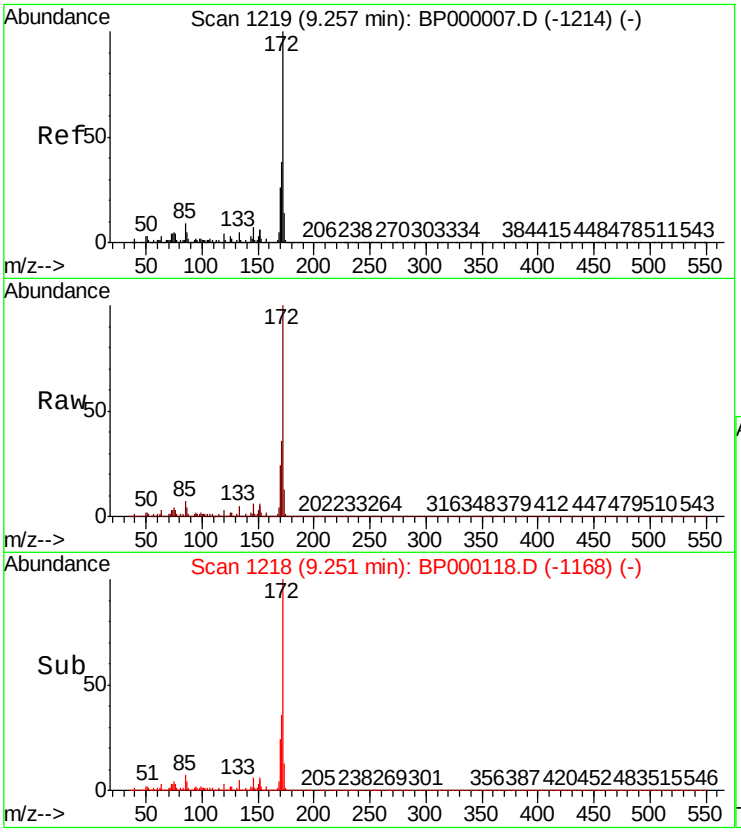


#42
2,4,6-Tribromophenol
Concen: 68.255 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:330 Resp: 510863

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.8	115.2
141	37.4	33.6	50.4



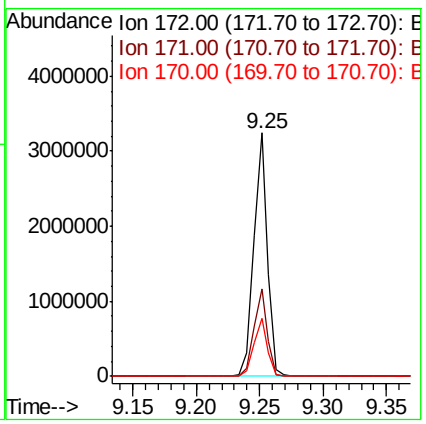


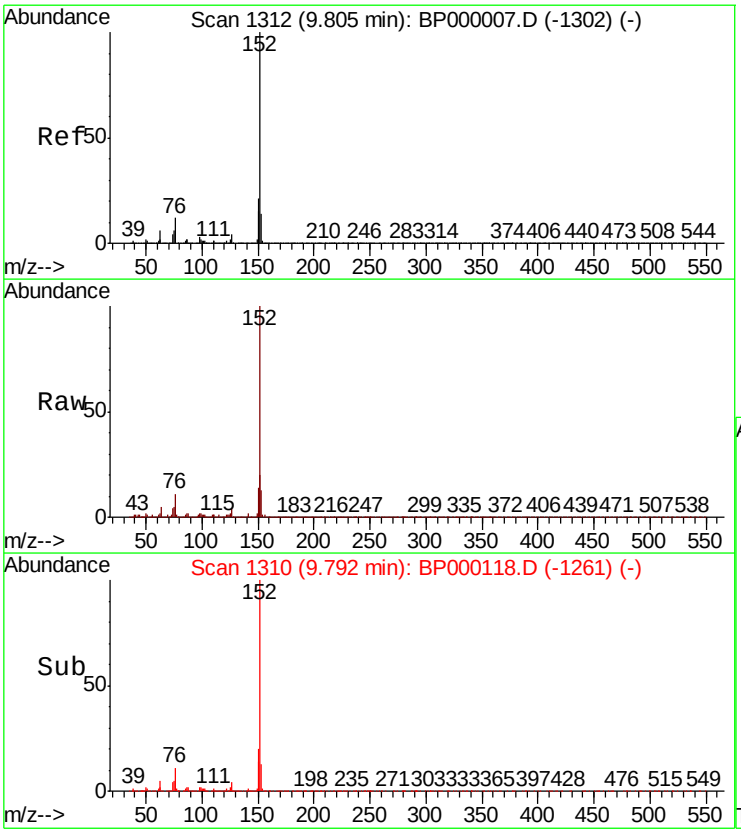
#45
2-Fluorobiphenyl
Concen: 46.298 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 2461762

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.7	46.1
170	23.9	20.7	31.1

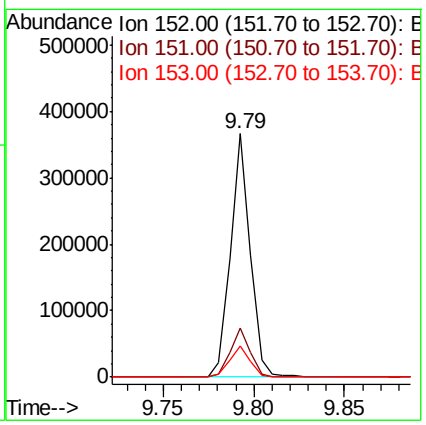


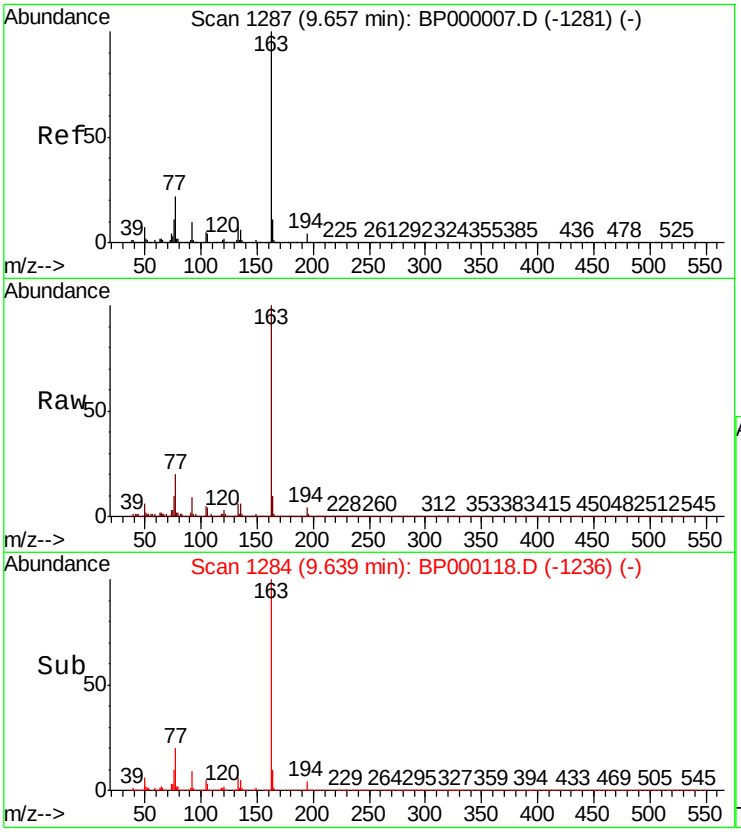


#49
Acenaphthylene
Concen: 3.592 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:152 Resp: 277382

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.0	25.6
153	12.9	11.0	16.6



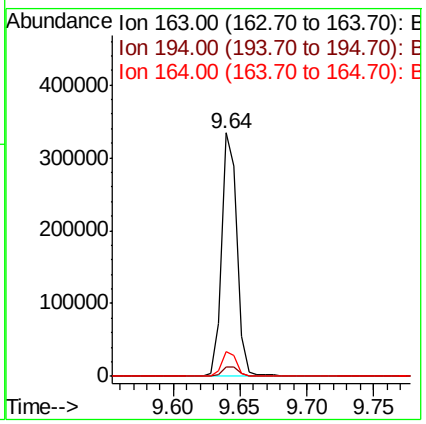


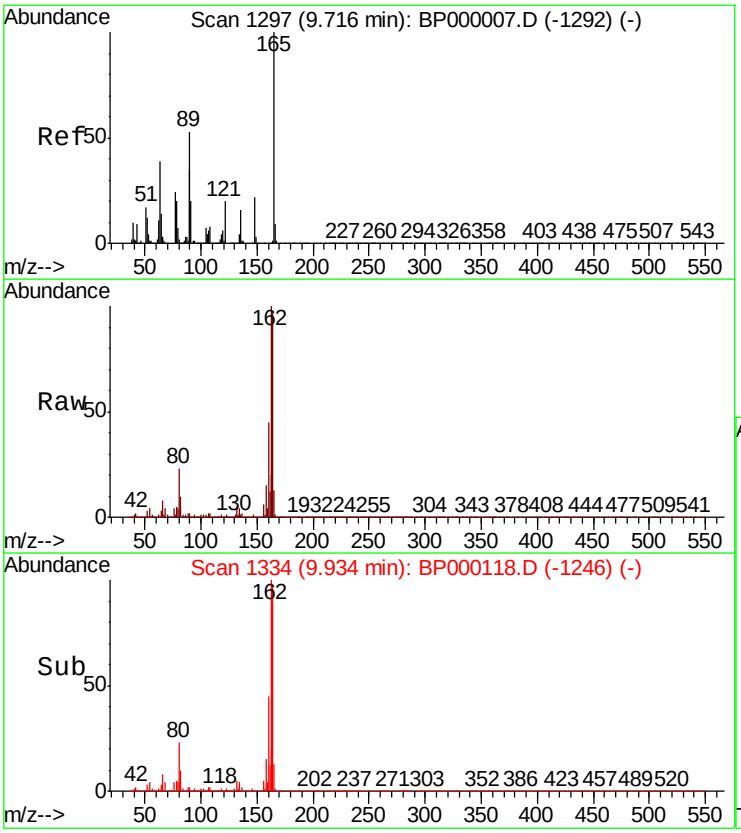
#50
Dimethylphthalate
Concen: 4.491 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 271746

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.1	8.4	12.6

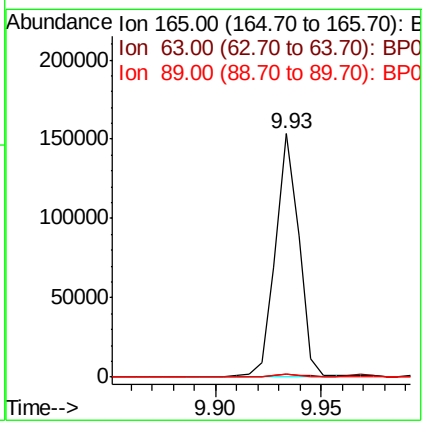


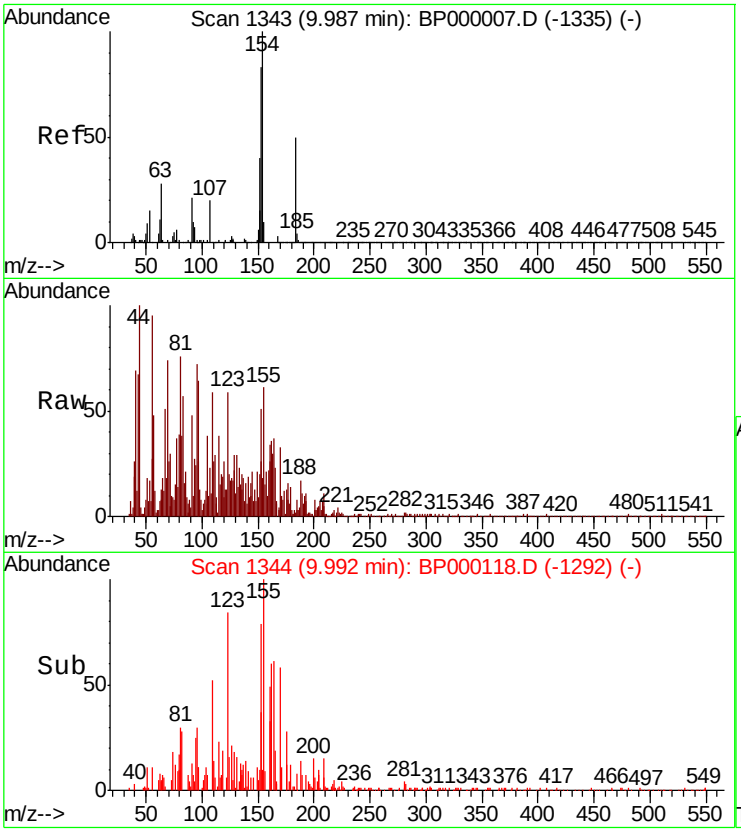


#51
2,6-Dinitrotoluene
Concen: 9.187 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:165 Resp: 117997

Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.8	53.6#
89	1.4	42.2	63.4#



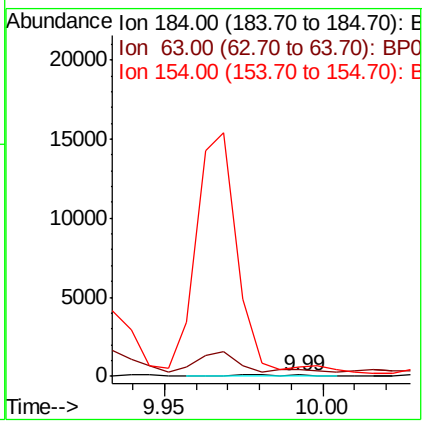


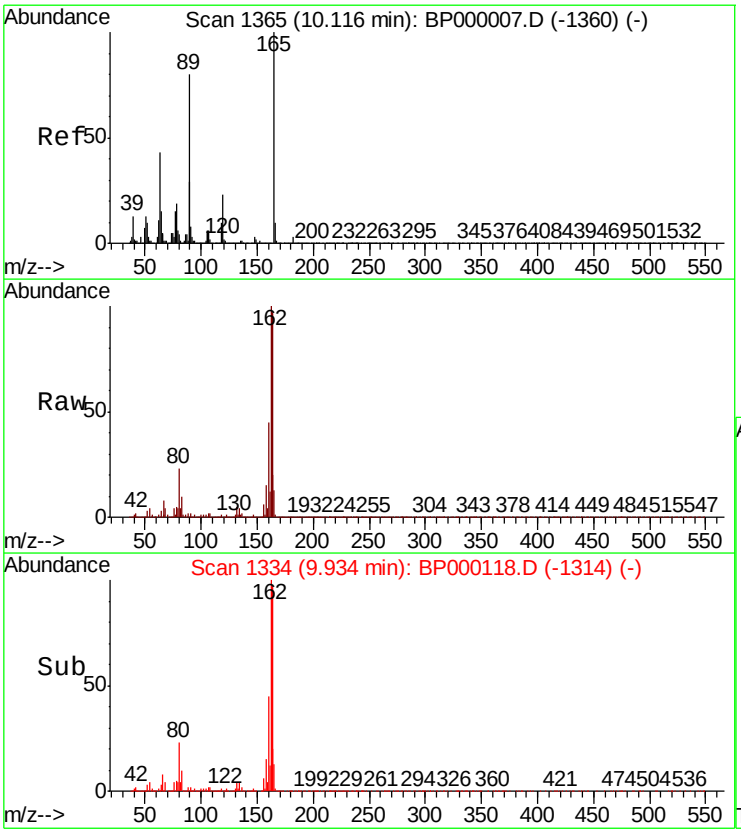
#54
2,4-Dinitrophenol
Concen: 8.667 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:184 Resp: 101

Ion	Ratio	Lower	Upper
184	100		
63	521.0	46.0	69.0#
154	700.0	161.9	242.9#

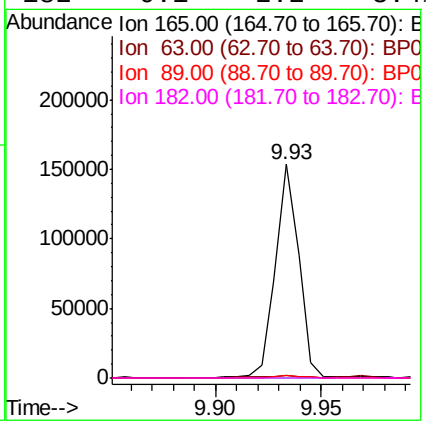


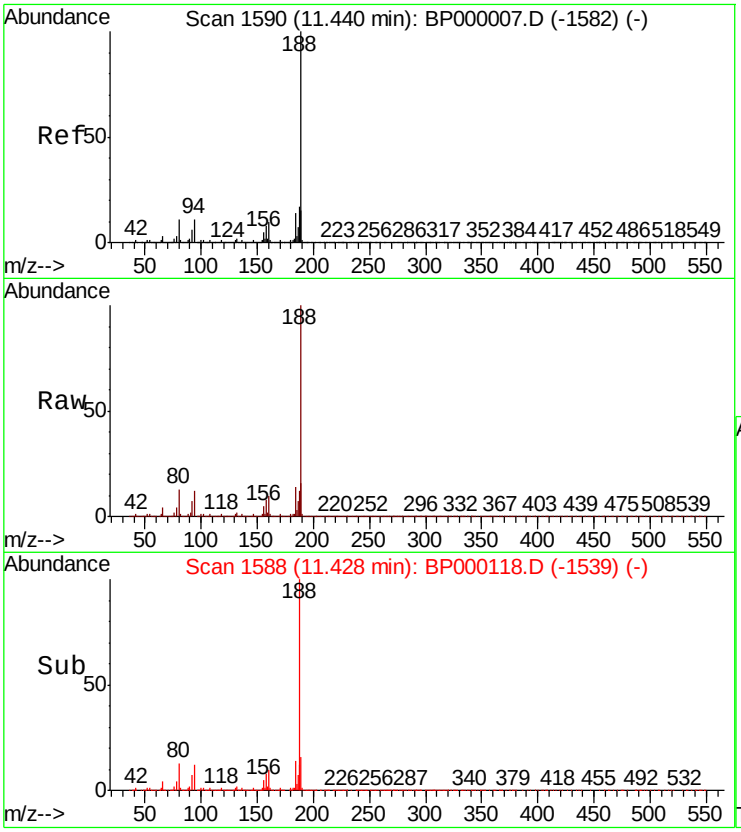


#57
2,4-Dinitrotoluene
Concen: 7.196 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:165 Resp: 117997

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.4	51.6#
89	1.4	64.3	96.5#
182	0.1	2.2	3.4#



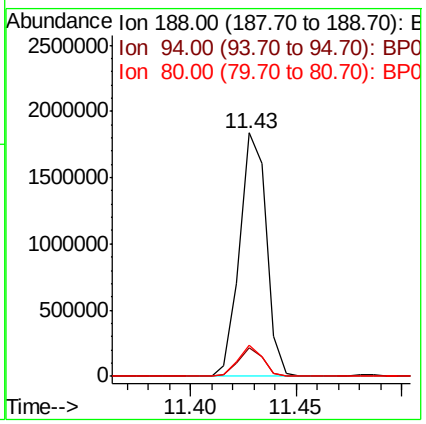


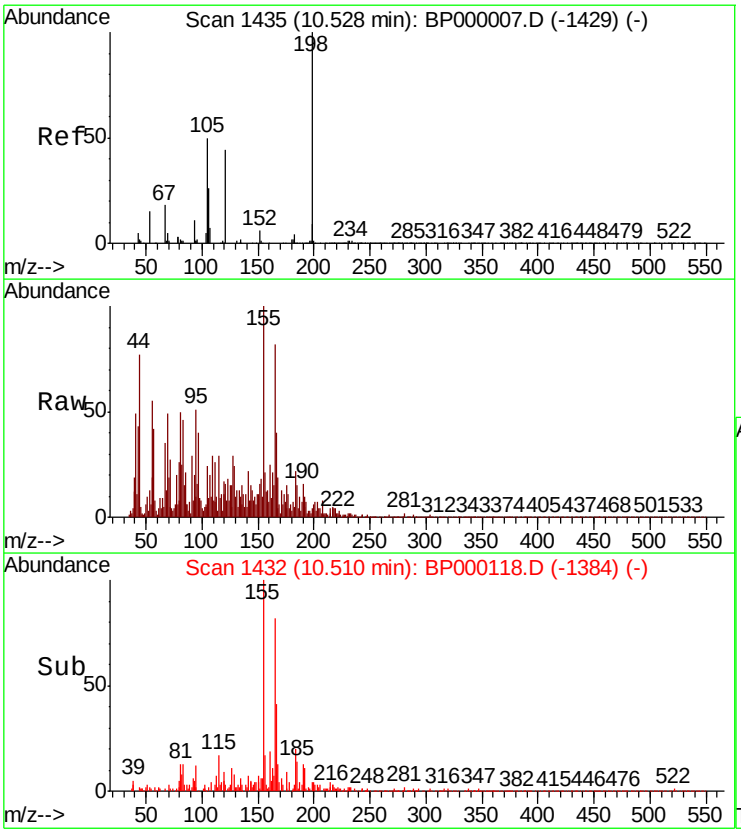
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 1611519

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.8	13.2
80	12.5	9.0	13.6

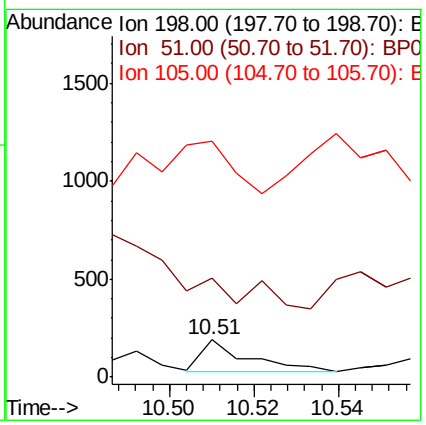


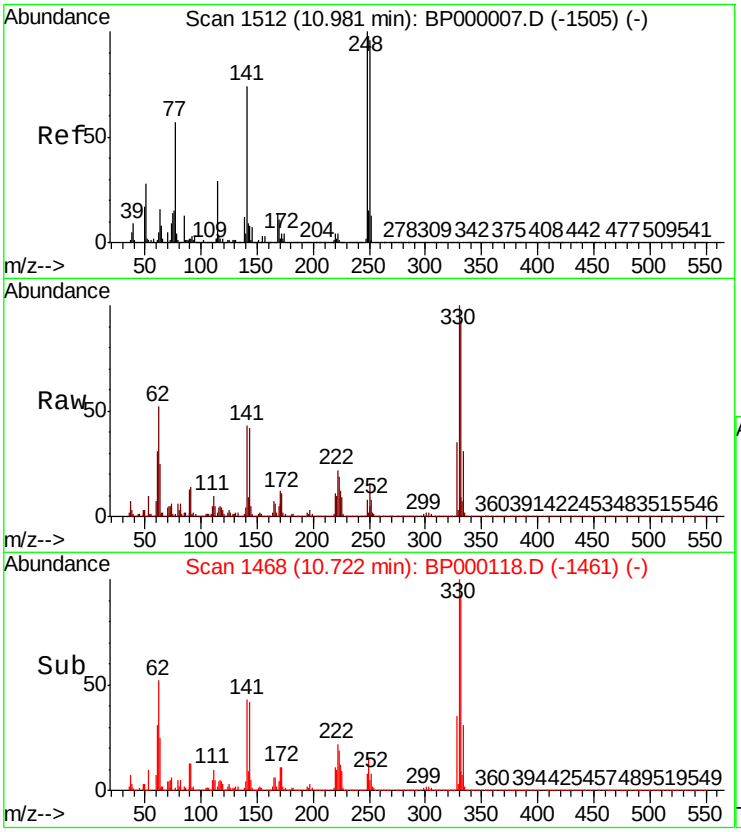


#65
4,6-Dinitro-2-methylphenol
Concen: 7.741 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:198 Resp: 126

Ion	Ratio	Lower	Upper
198	100		
51	266.7	22.1	62.1#
105	637.6	32.0	72.0#



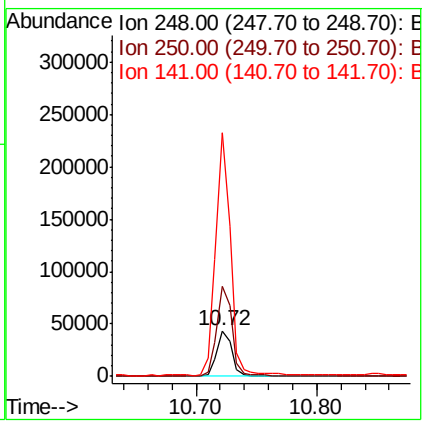


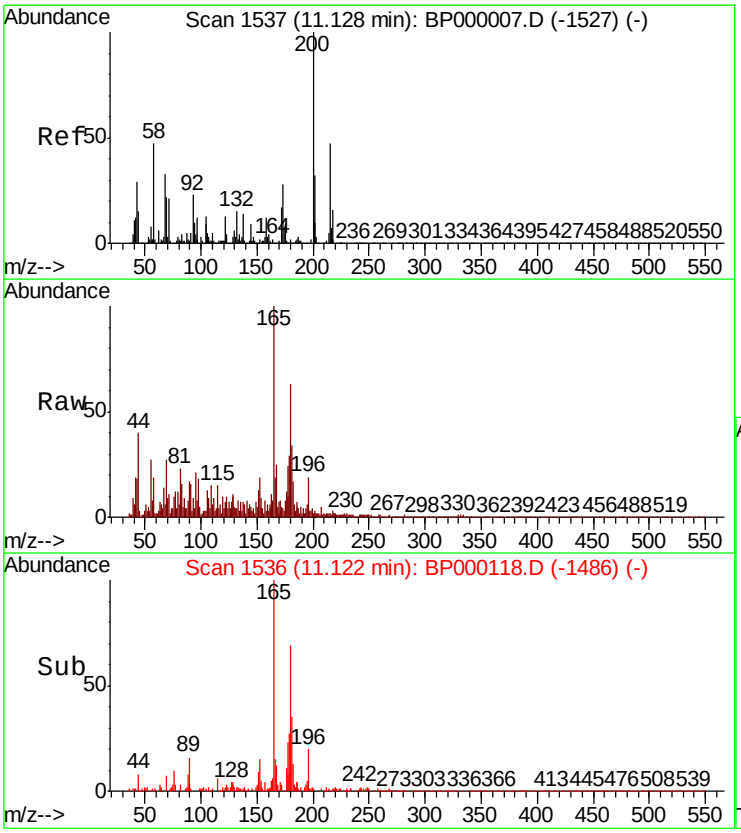
#67
4-Bromophenyl-phenylether
Concen: 2.274 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.26 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:248 Resp: 37236

Ion	Ratio	Lower	Upper
248	100		
250	197.1	77.1	115.7#
141	533.9	59.5	89.3#

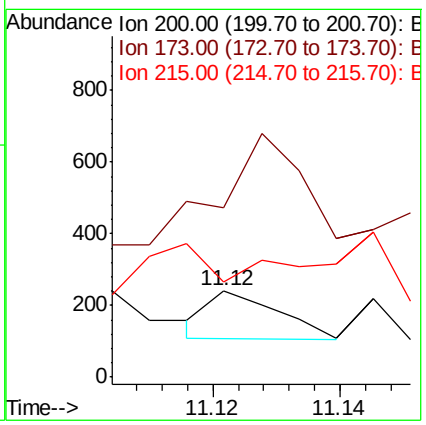


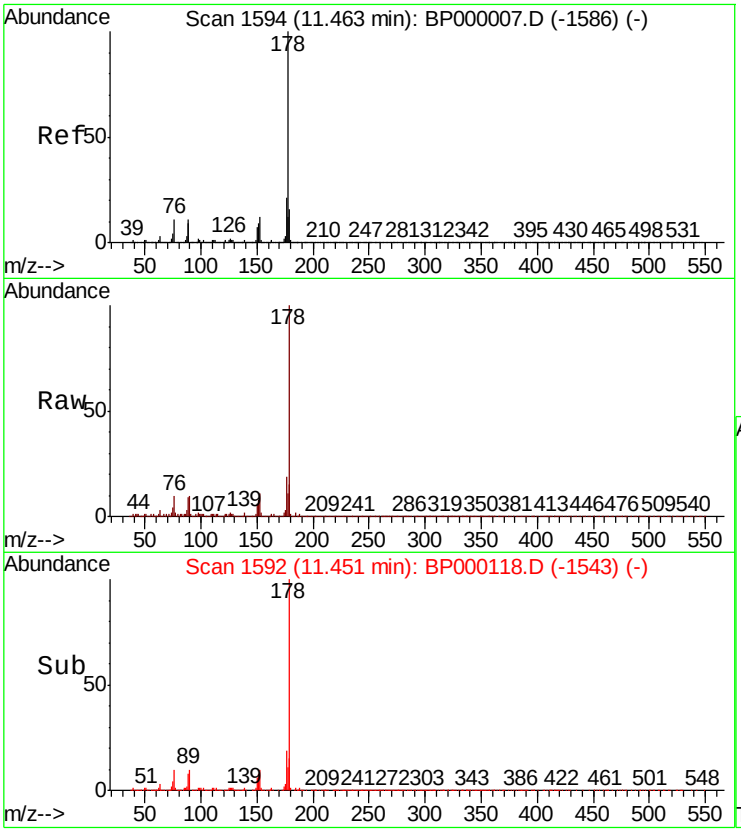


#69
Atrazine
Concen: Below Cal
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:200 Resp: 102

Ion	Ratio	Lower	Upper
200	100		
173	195.5	8.1	48.1#
215	109.5	26.7	66.7#



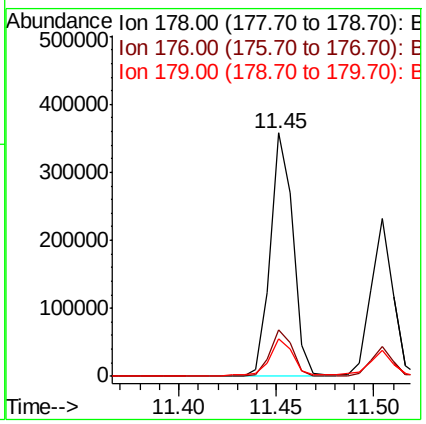


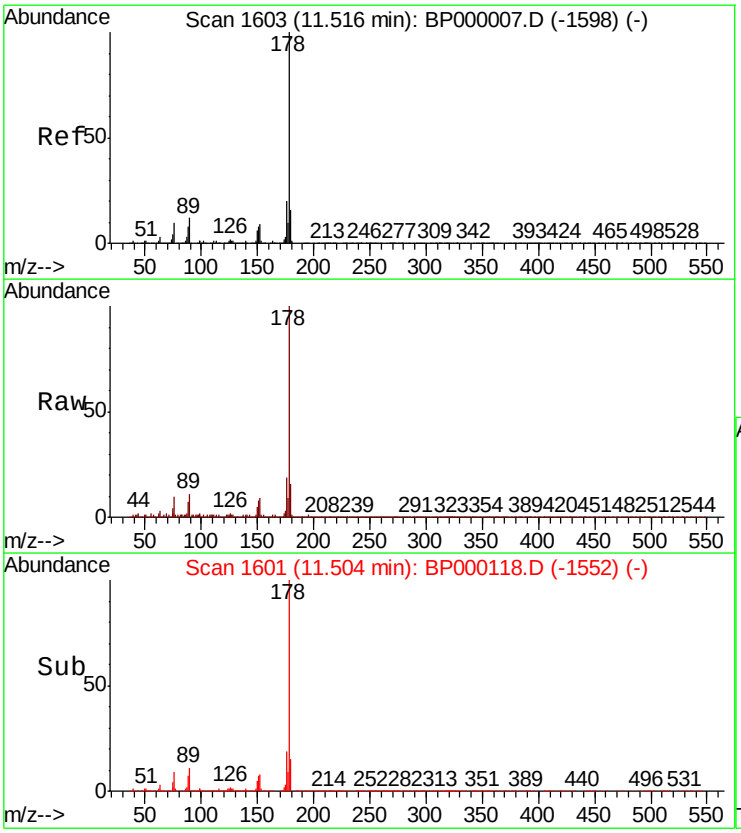
#71
Phenanthrene
Concen: 3.569 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 286680

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.7	25.1
179	15.5	13.1	19.7

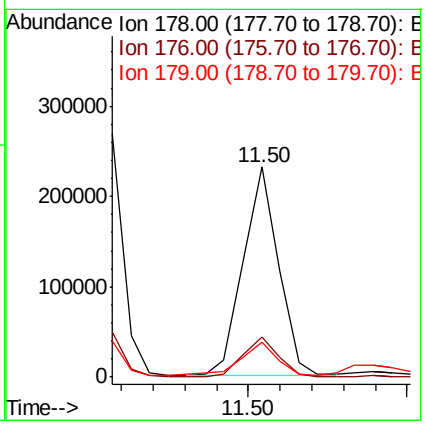


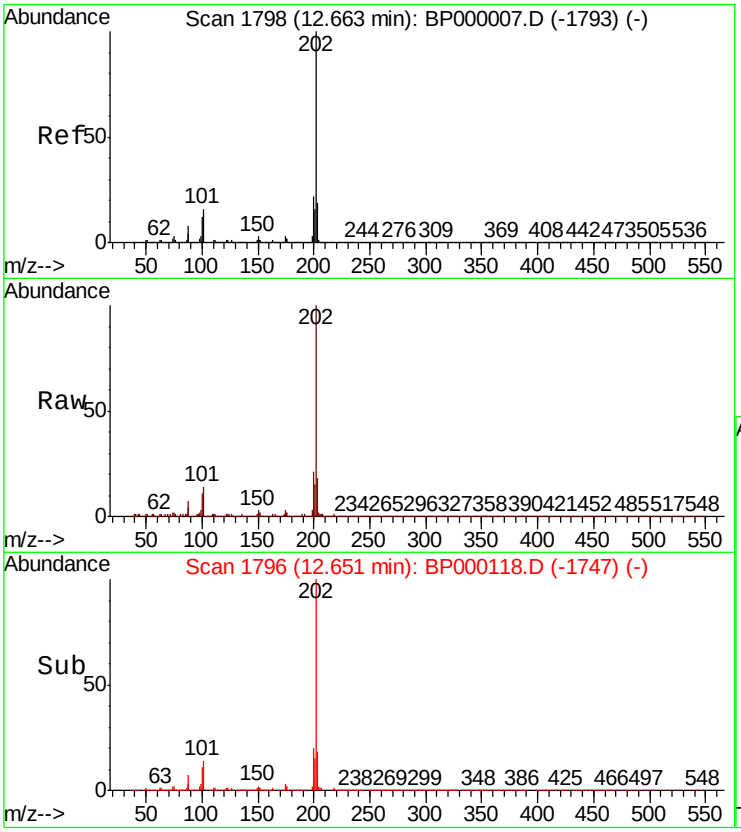


#72
Anthracene
Concen: 2.248 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:178 Resp: 178380

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	16.5	13.0	19.6



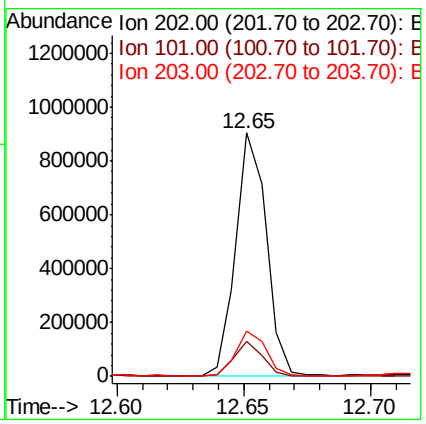


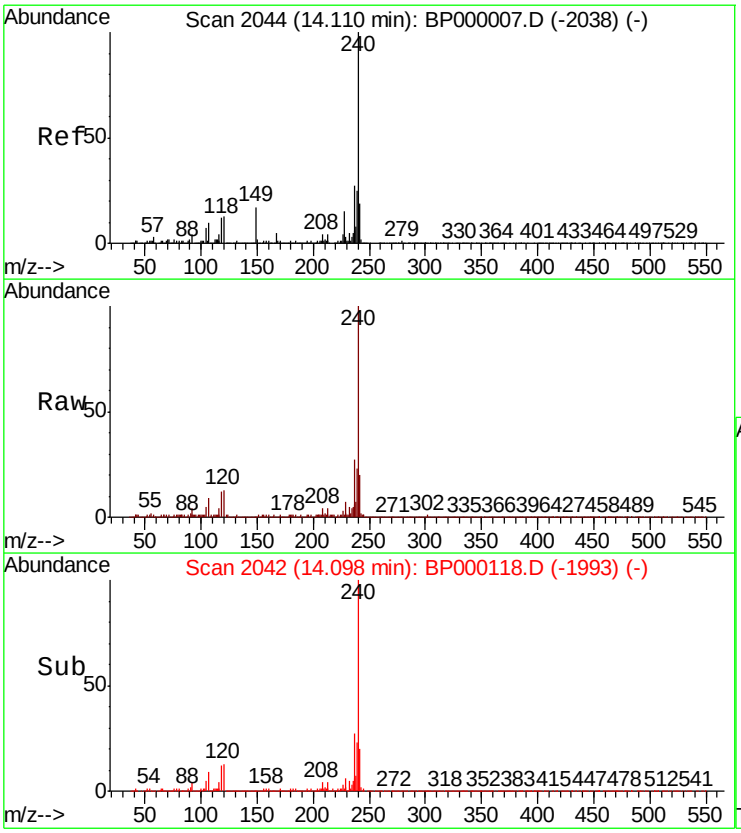
#75
Fluoranthene
Concen: 8.673 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 756984

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	36.4
203	18.4	0.0	38.7

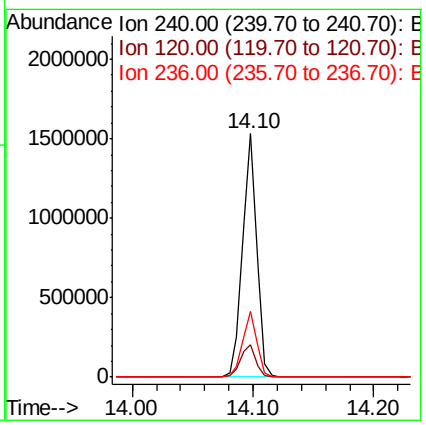


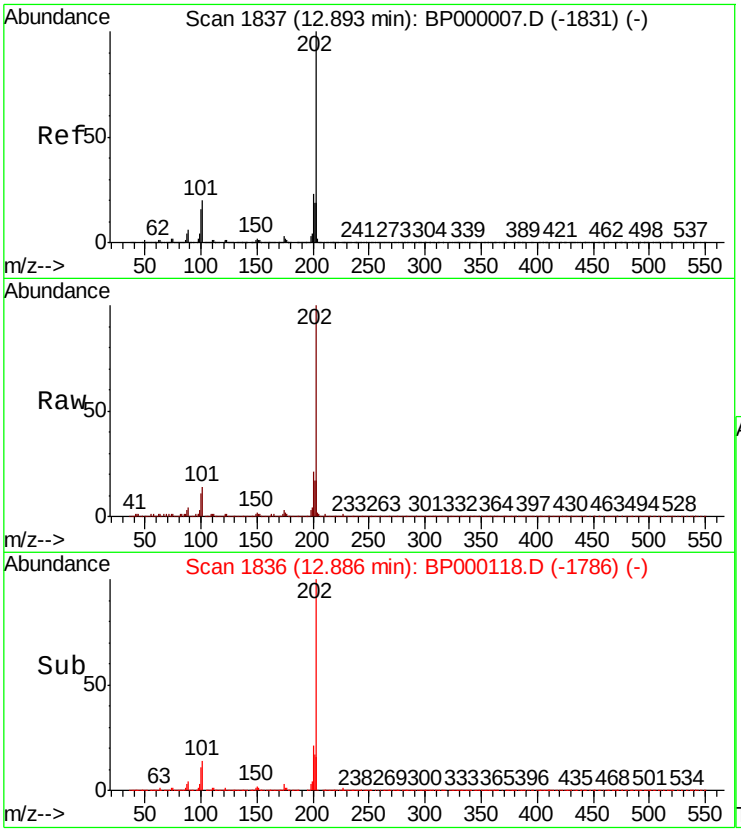


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:240 Resp: 1265079

Ion	Ratio	Lower	Upper
240	100		
120	13.2	10.5	15.7
236	26.9	21.5	32.3



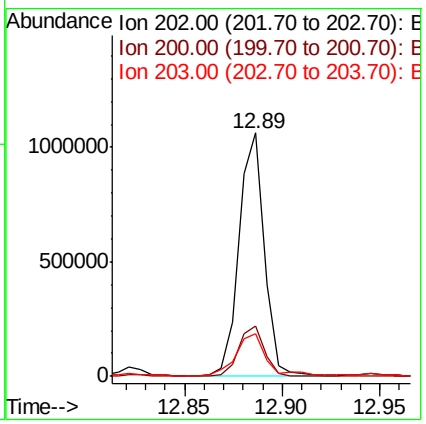


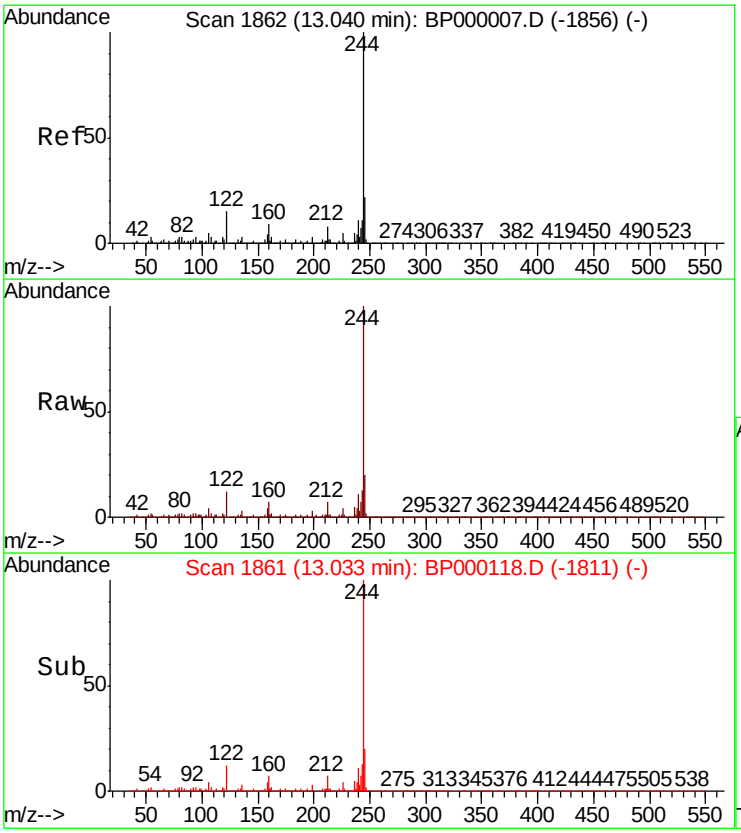
#78
Pyrene
Concen: 10.192 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 948573

Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.5	27.7
203	17.3	15.1	22.7

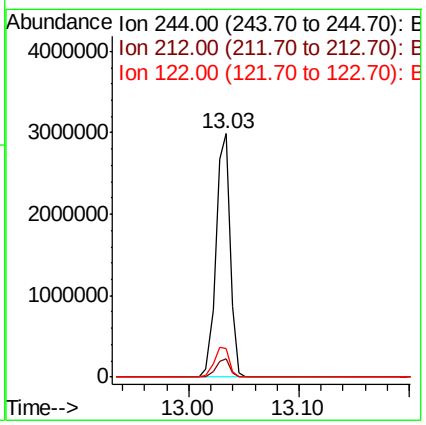


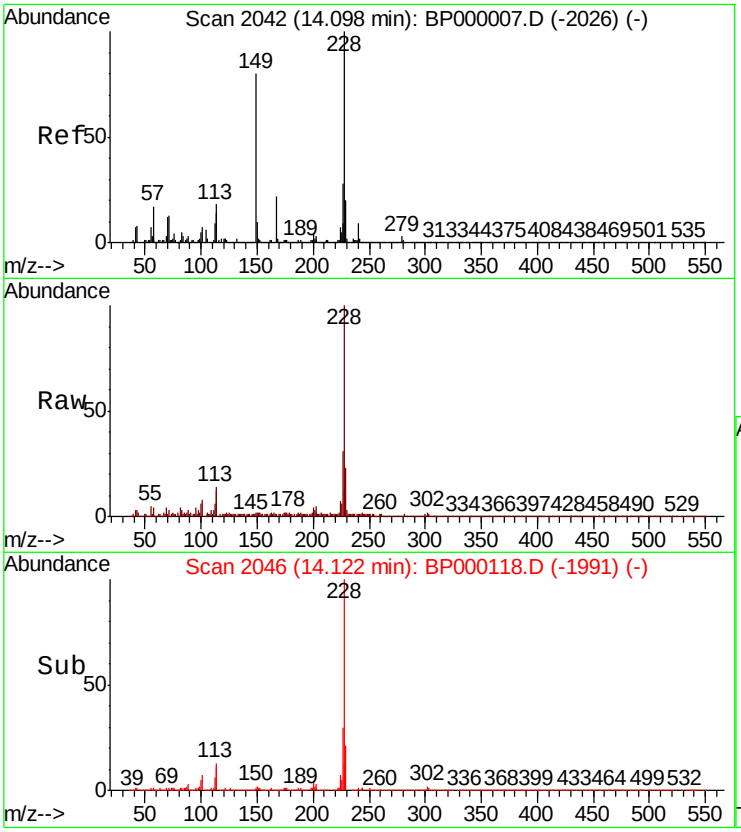


#79
Terphenyl-d14
Concen: 45.900 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:244 Resp: 2664087

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.6	10.0
122	11.6	12.3	18.5#



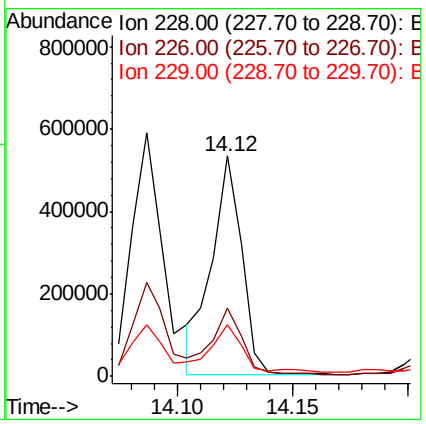


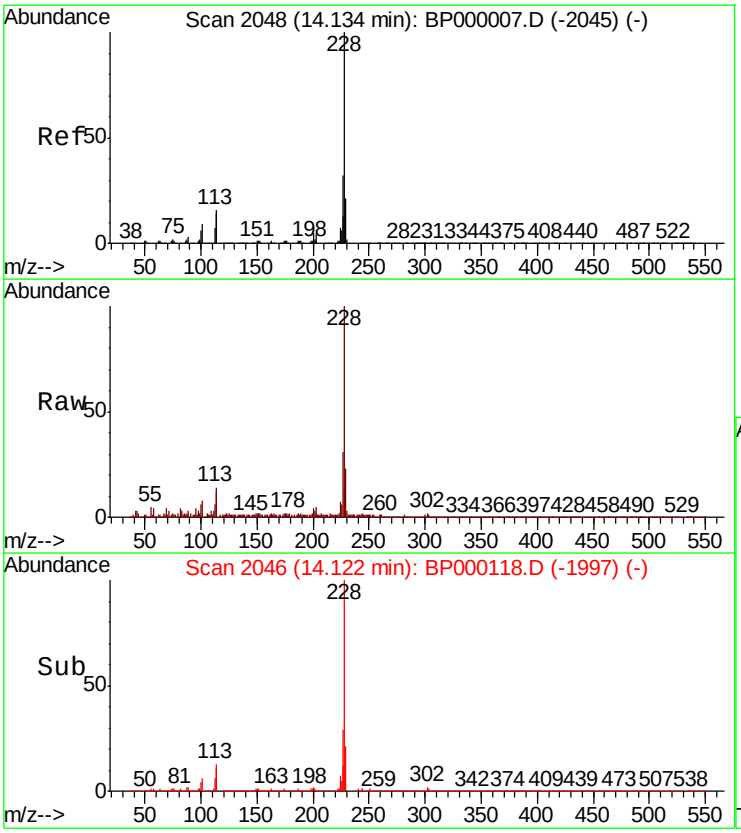
#81
Benzo(a)anthracene
Concen: 5.846 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.02 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 479199

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.5	33.7
229	23.3	16.2	24.2

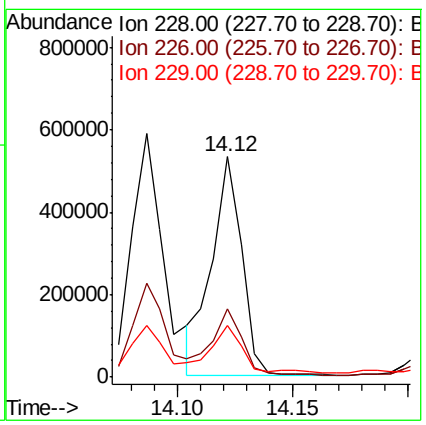


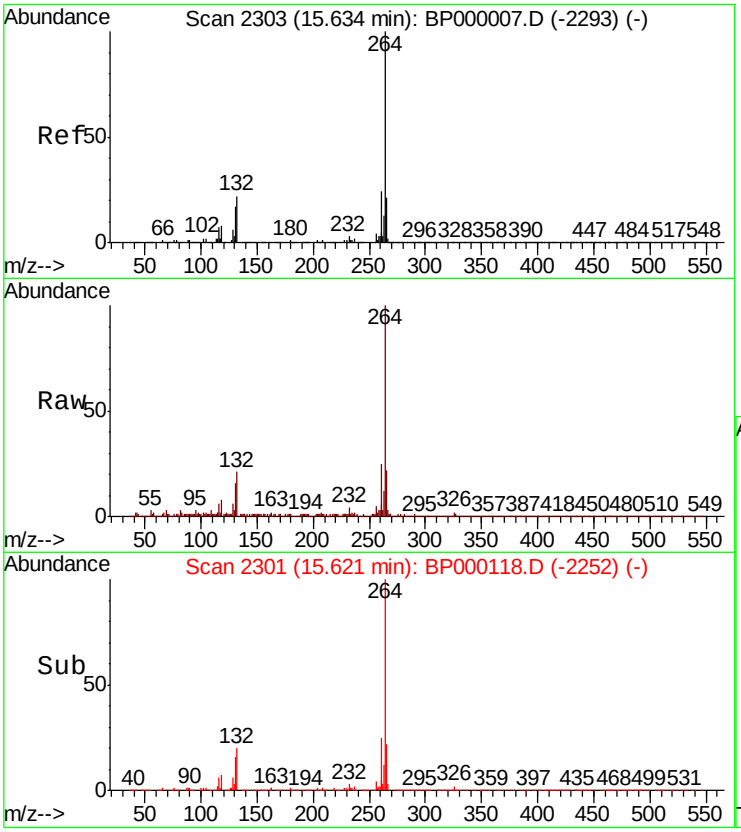


#83
Chrysene
Concen: 6.180 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:228 Resp: 479199

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.5	38.3
229	23.3	16.5	24.7



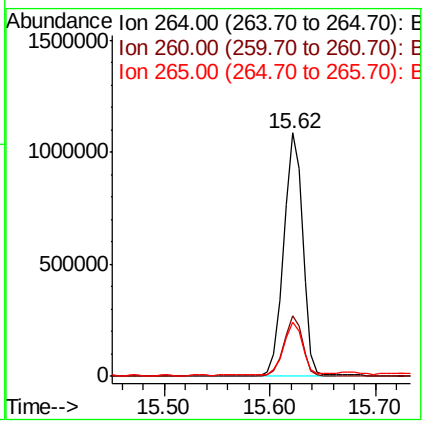


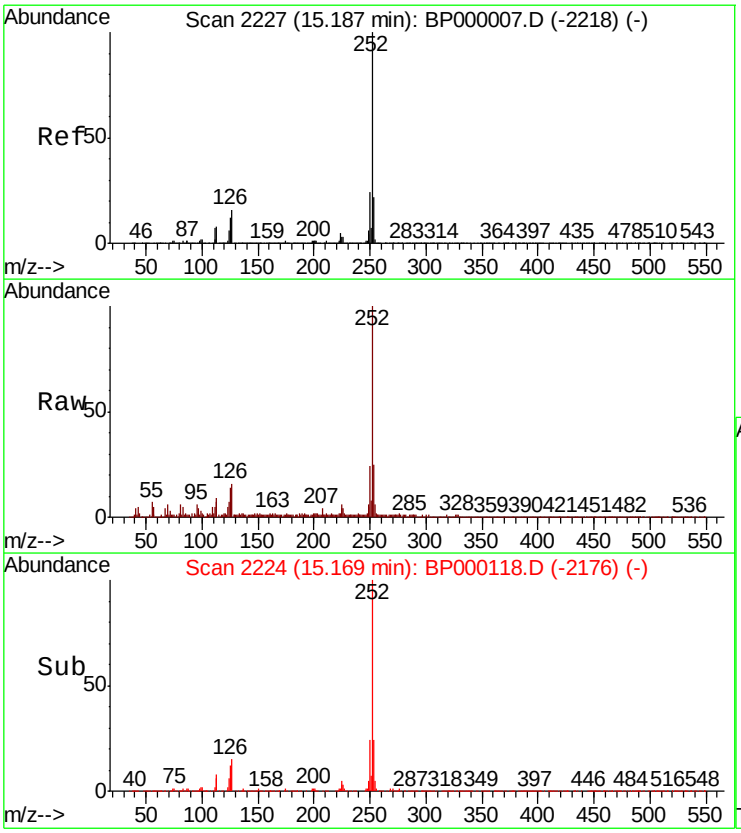
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 1337099

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.1	28.7
265	22.2	17.1	25.7

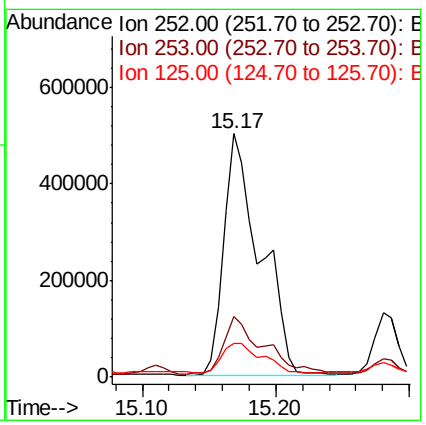


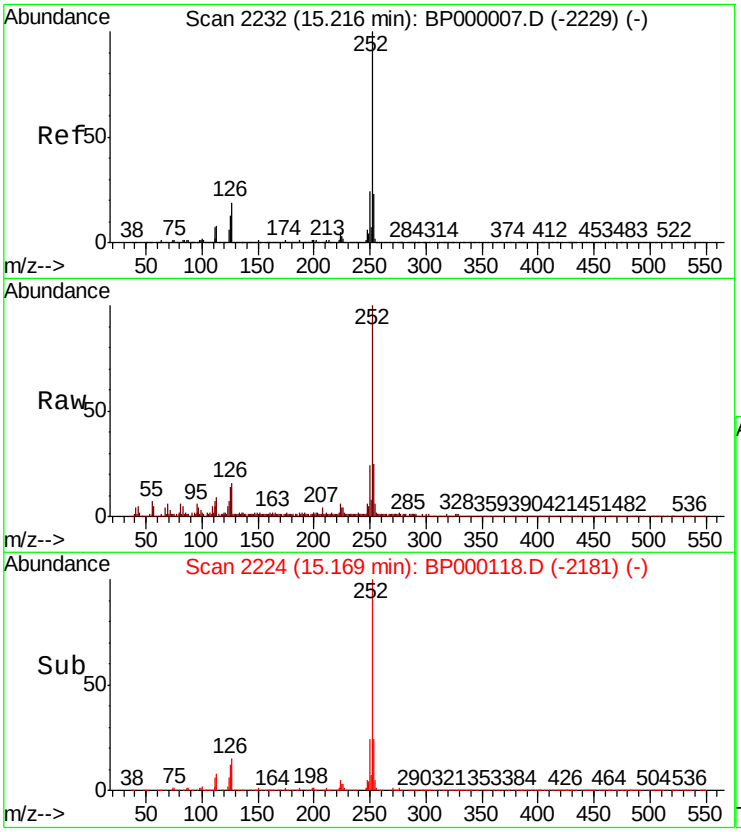


#88
Benzo(b)fluoranthene
Concen: 11.644 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:252 Resp: 950988

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.6
125	13.7	9.4	14.2



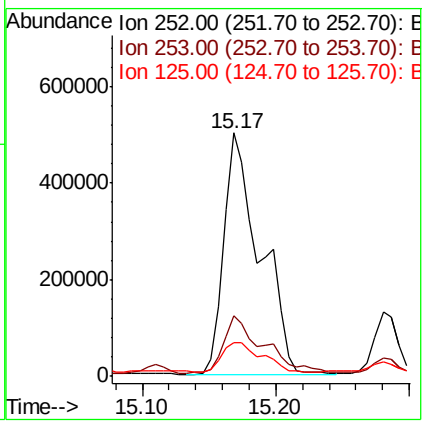


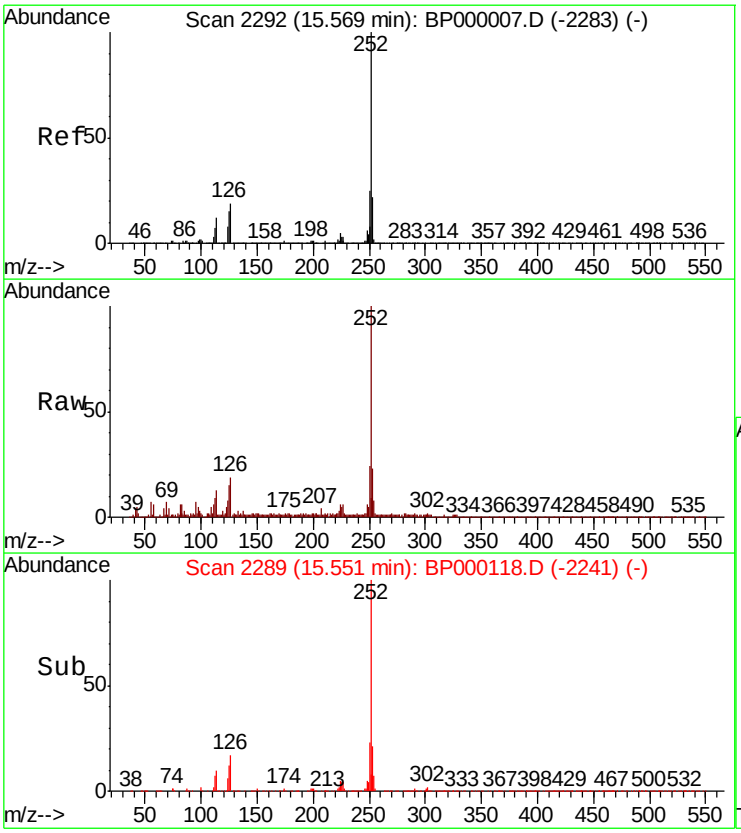
#89
Benzo(k)fluoranthene
Concen: 12.724 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.05 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 950988

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	13.7	10.3	15.5

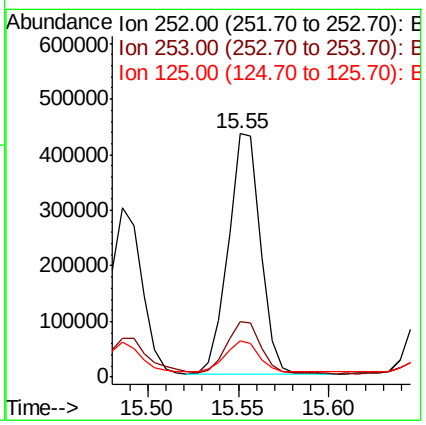


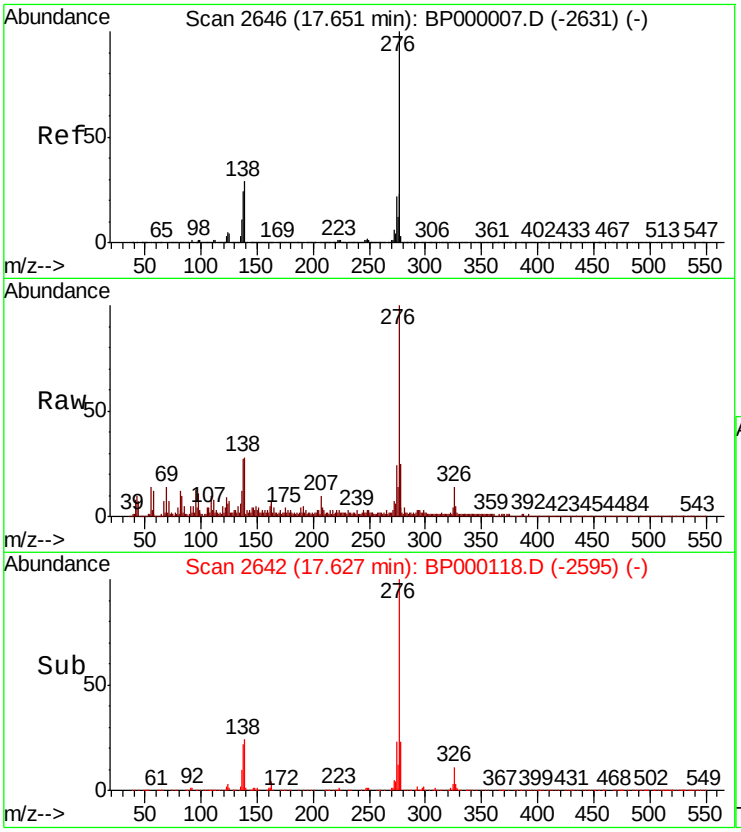


#90
Benzo(a)pyrene
Concen: 7.317 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:252 Resp: 539459

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	15.1	11.7	17.5





#92
Benzo(g,h,i)perylene
Concen: 4.592 ng
RT: 17.63 min Scan# 2642
Delta R.T. -0.02 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 335110

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	28.0
138	28.5	23.0	34.4