Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000122.D
Acq On : 09 Sep 2019 04:48
Operator : HP/JU
Sample : K4636-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 09 06:44:14 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	442979	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1675652	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	898027	20.00	ng		-0.01
64) Phenanthrene-d10	11.43	188	1614896	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1129930	20.00	ng		0.00
87) Perylene-d12	15.63	264	1265490	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1131333	40.73	ng		0.00
7) Phenol-d6	6.51	99	1566256	44.66	ng		0.00
23) Nitrobenzene-d5	7.45	82	852334	31.21	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	319494	42.21	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1729929	32.17	ng		0.00
79) Terphenyl-d14	13.03	244	1731803	33.41	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	106249	5.323	ng	#	76
25) Isophorone	7.45	82	850753	14.744	ng	#	66
32) Benzoic acid	7.85	122	3746	8.262	ng		93
49) Acenaphthylene	9.79	152	216422	2.772	ng		98
50) Dimethylphthalate	9.65	163	236236	3.860	ng		99
51) 2,6-Dinitrotoluene	9.93	165	121696	9.369	ng	#	30
52) Acenaphthene	9.97	154	104810	2.139	ng		93
54) 2,4-Dinitrophenol	9.98	184	87	8.664	ng	#	1
57) 2,4-Dinitrotoluene	9.93	165	121696	7.339	ng	#	21
58) Fluorene	10.49	166	124291	2.374	ng		96
65) 4,6-Dinitro-2-methylphenol	10.55	198	138	7.743	ng	#	1
69) Atrazine	11.12	200	333	Below Cal		#	1
71) Phenanthrene	11.46	178	2586272	32.132	ng		99
72) Anthracene	11.51	178	610065	7.673	ng		98
73) Carbazole	11.66	167	211031	2.812	ng		96
75) Fluoranthene	12.66	202	4046709	46.266	ng		96
78) Pyrene	12.89	202	3919594	47.153	ng		99
81) Benzo(a)anthracene	14.09	228	1742906	23.804	ng		97
83) Chrysene	14.13	228	1935530	27.947	ng		97
84) Bis(2-ethylhexyl)phthalate	14.09	149	4876641	101.178	ng	#	96
86) Indeno(1,2,3-cd)pyrene	17.17	276	1137798	13.111	ng		94
88) Benzo(b)fluoranthene	15.18	252	3391255	43.872	ng		96
89) Benzo(k)fluoranthene	15.18	252	3390980	47.938	ng		98
90) Benzo(a)pyrene	15.56	252	1739673	24.932	ng		97
91) Dibenzo(a,h)anthracene	17.19	278	290539	4.164	ng		94
92) Benzo(g,h,i)perylene	17.65	276	1081717	15.662	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000122.D
Acq On : 09 Sep 2019 04:48
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 09 06:44:14 2019
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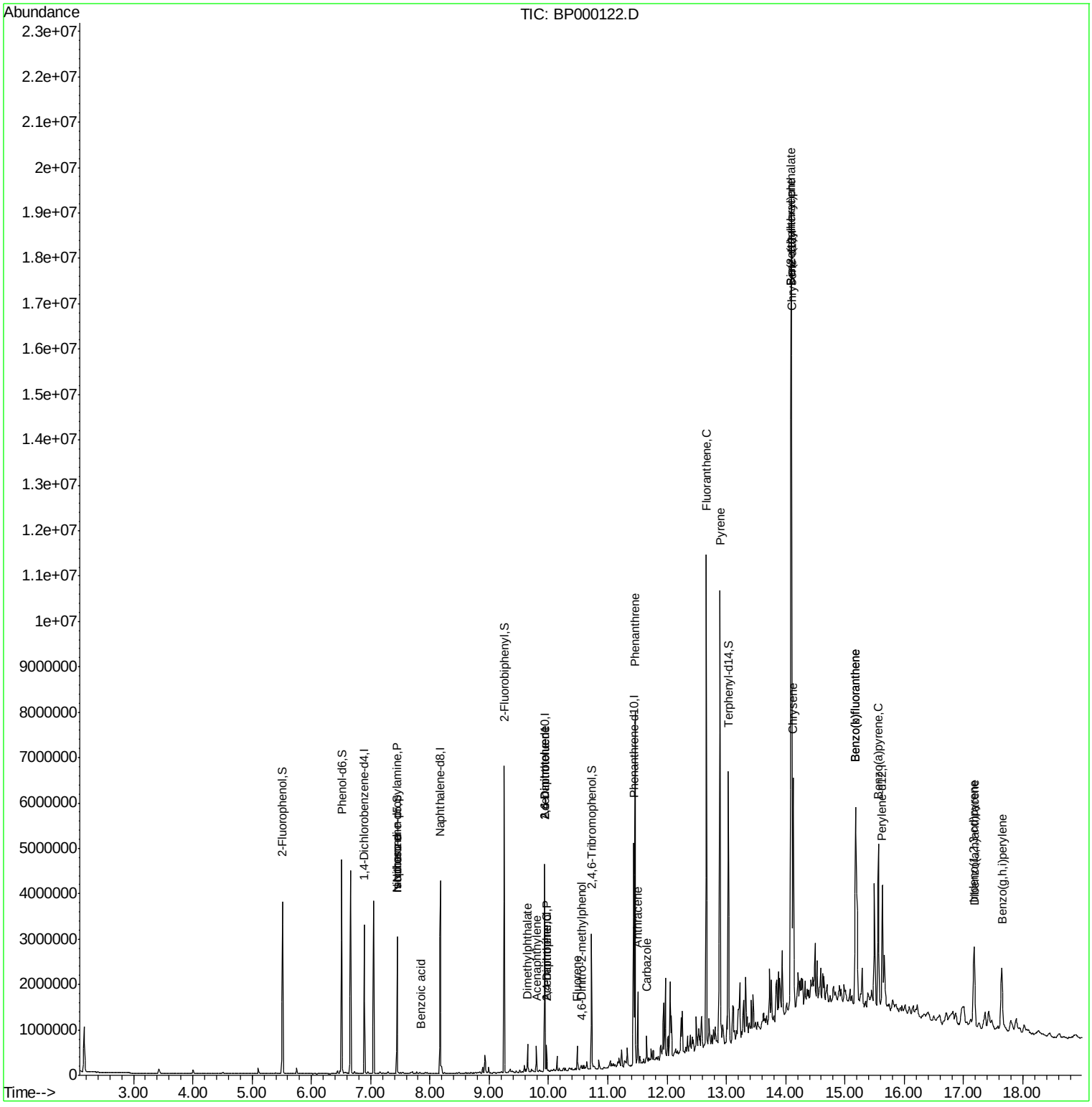
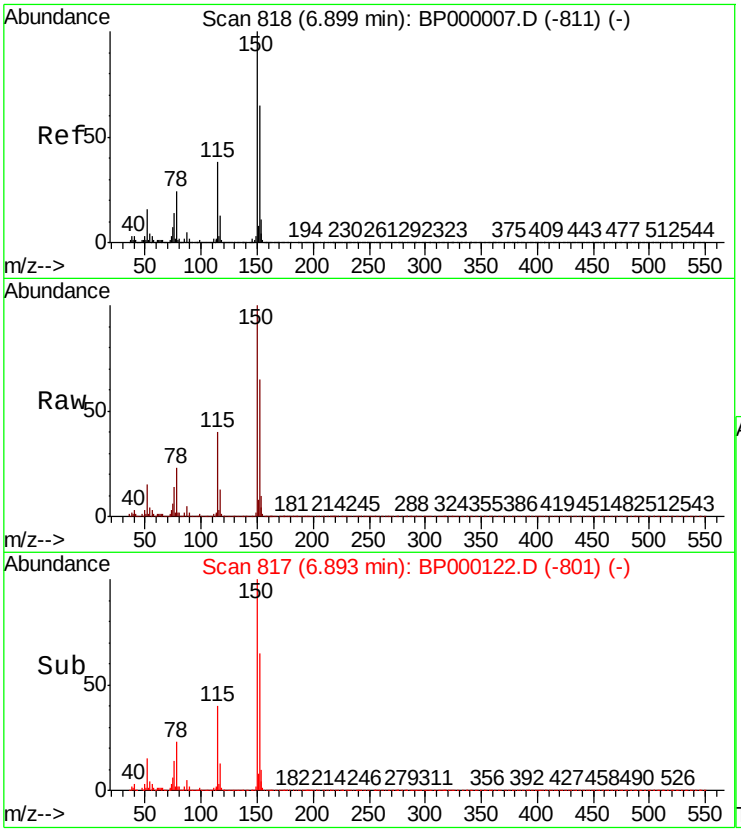
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration



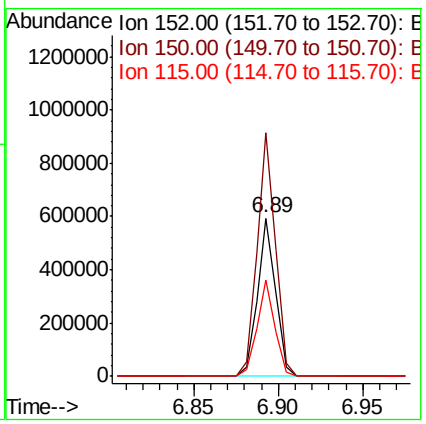


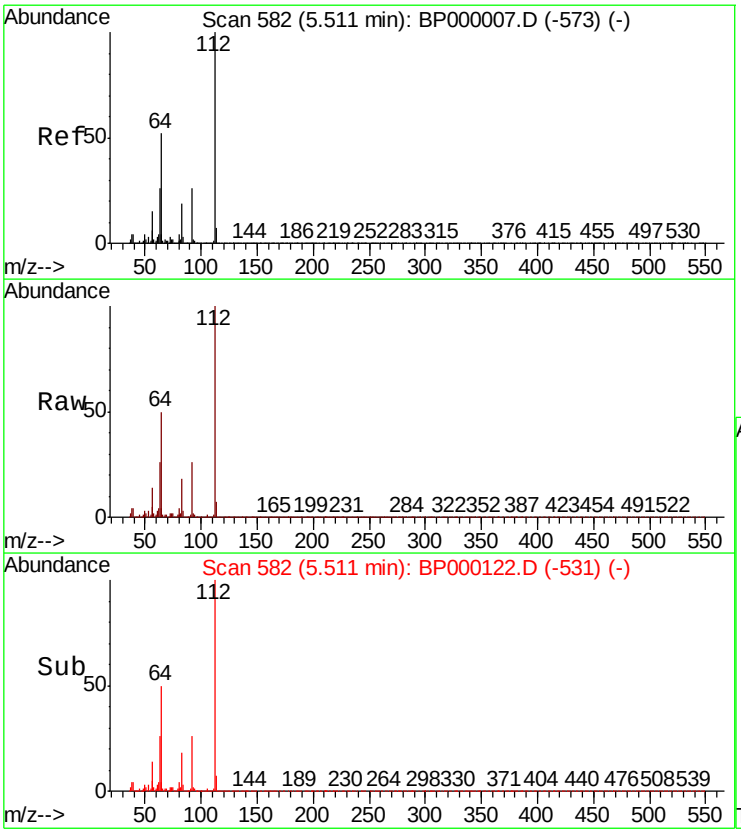
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 442979

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.0	184.6
115	61.3	46.7	70.1

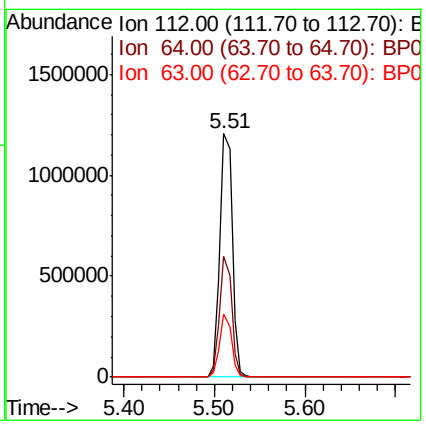


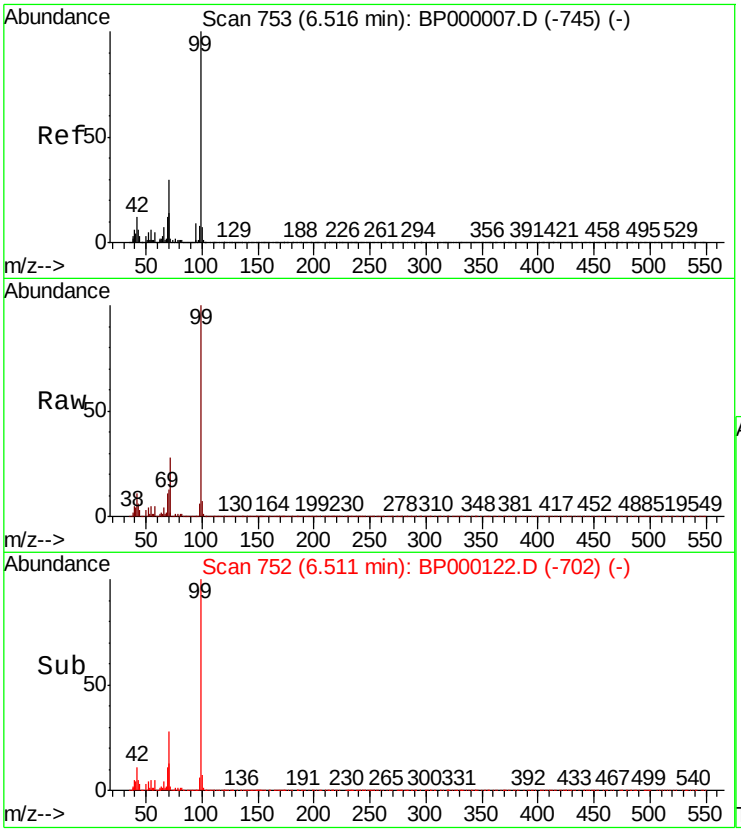


#5
2-Fluorophenol
Concen: 40.725 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.00 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Tgt Ion:112 Resp: 1131333

Ion	Ratio	Lower	Upper
112	100		
64	49.8	41.8	62.8
63	25.9	21.0	31.4



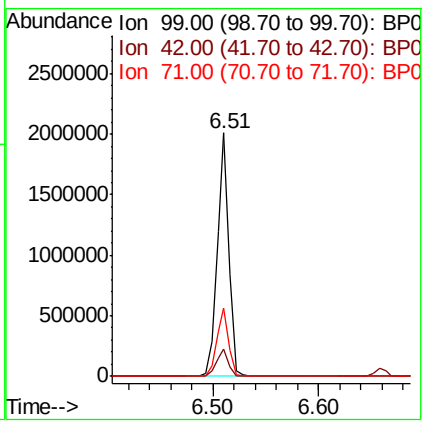


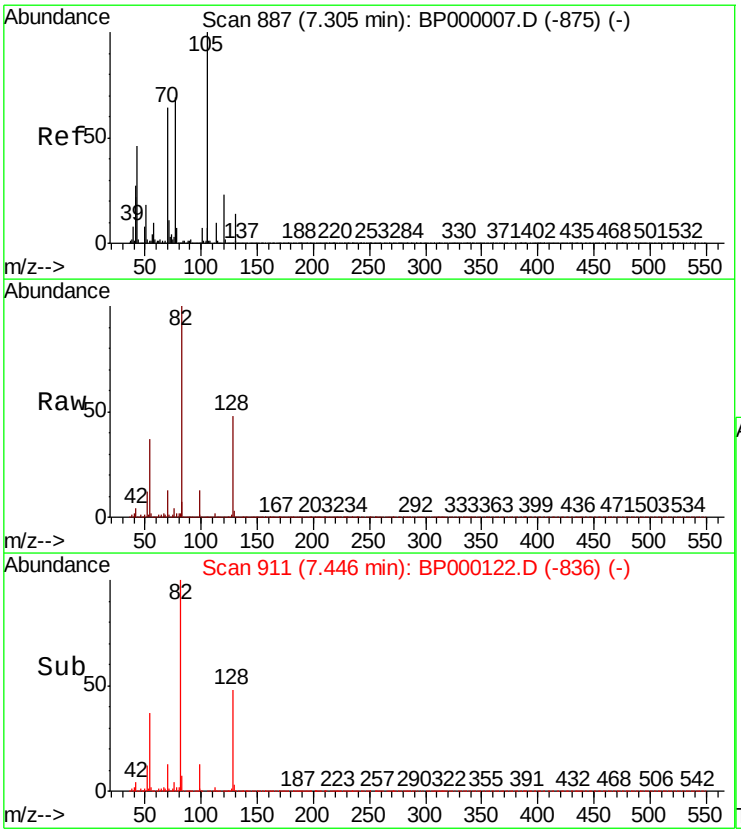
#7
Phenol-d6
Concen: 44.662 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1566256

Ion	Ratio	Lower	Upper
99	100		
42	11.1	9.8	14.8
71	27.8	23.8	35.8

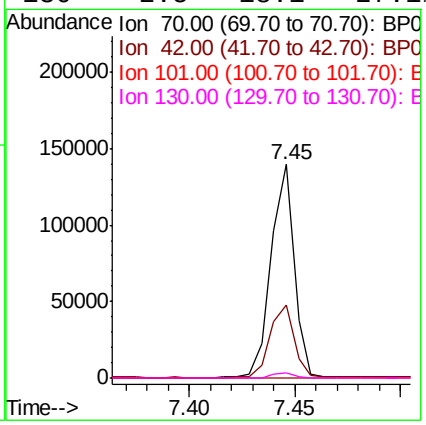


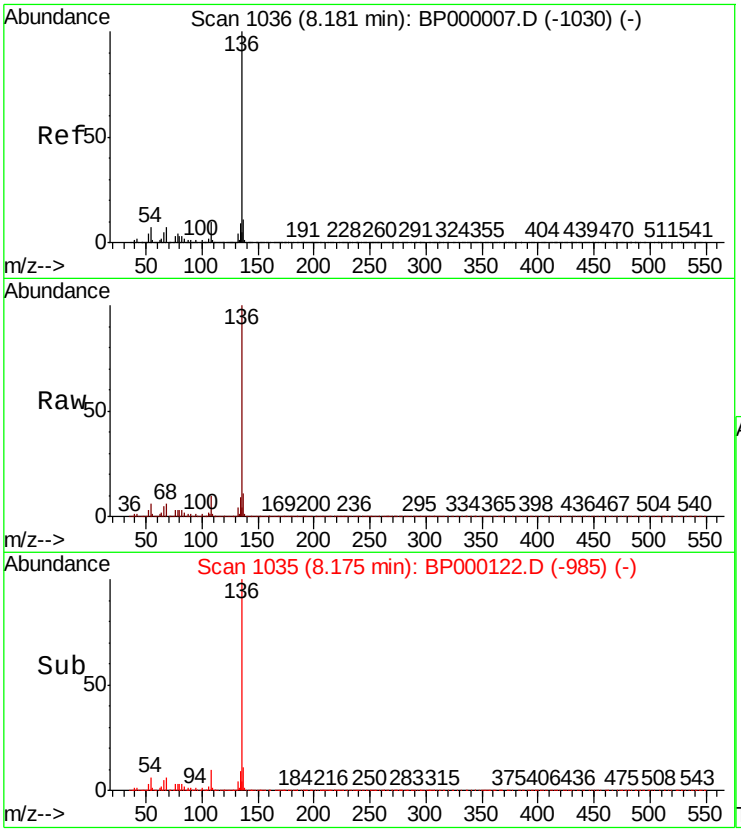


#19
n-Nitroso-di-n-propylamine
Concen: 5.323 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Tgt Ion: 70 Resp: 106249

Ion	Ratio	Lower	Upper
70	100		
42	34.0	33.8	50.6
101	0.0	8.7	13.1#
130	2.5	18.1	27.1#



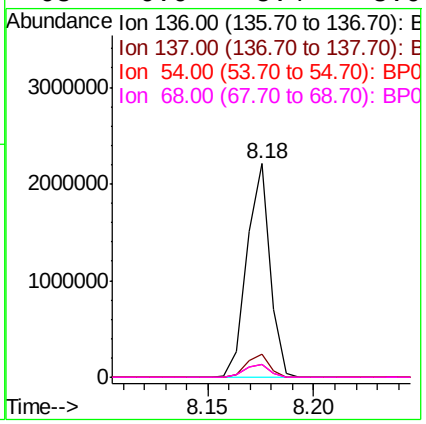


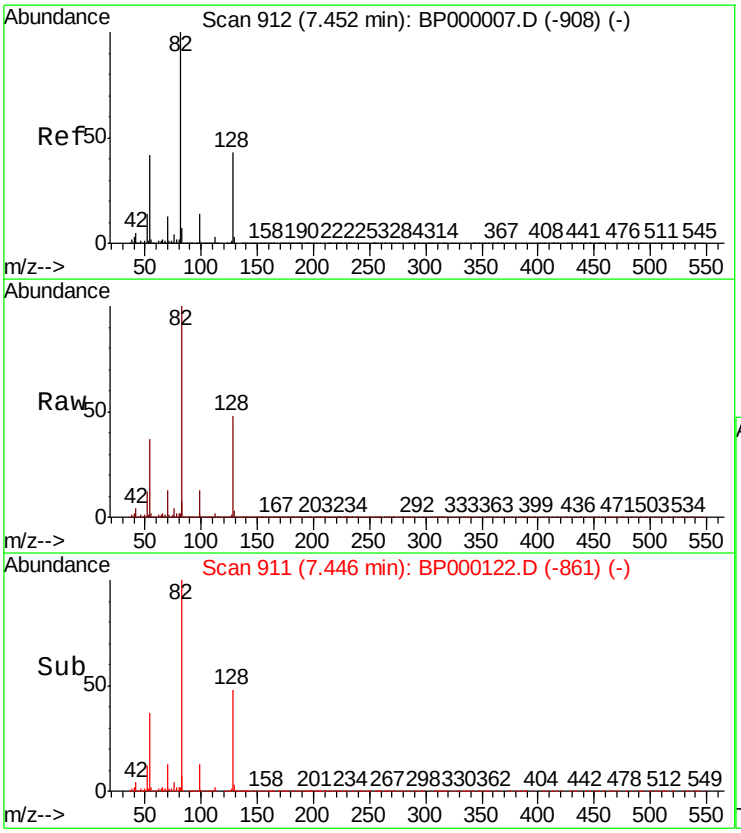
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 1675652

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.8	5.4	8.2
68	6.0	5.4	8.0

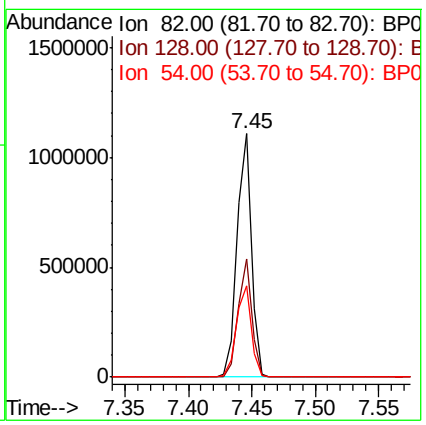


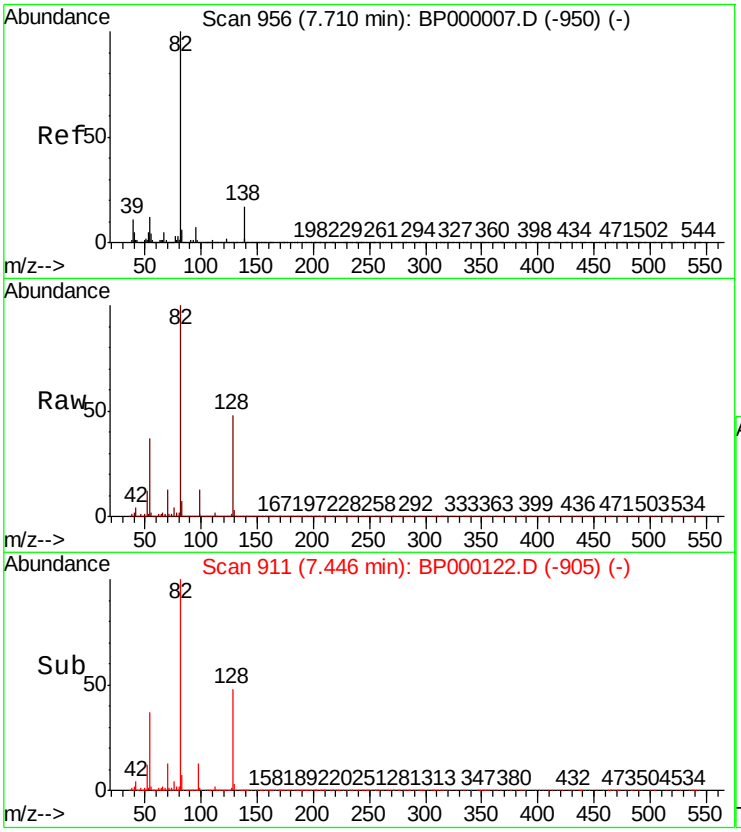


#23
Nitrobenzene-d5
Concen: 31.211 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Tgt Ion: 82 Resp: 852334

Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.5	51.7
54	37.3	33.2	49.8



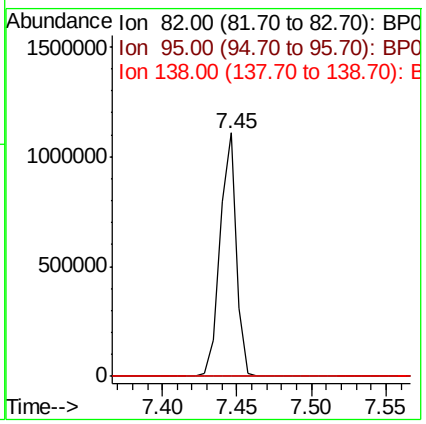


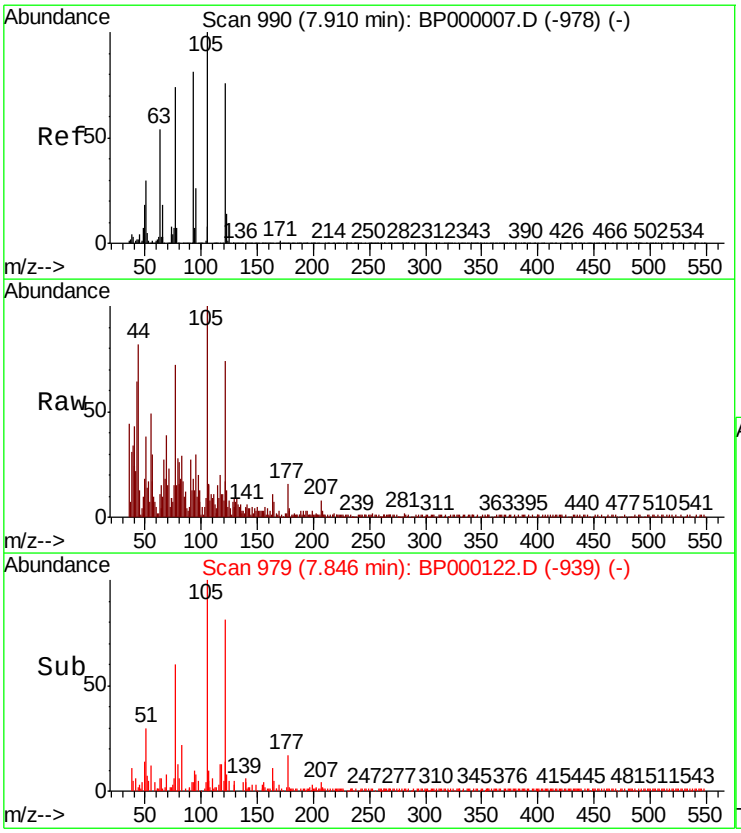
#25
Isophorone
Concen: 14.744 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 850753

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

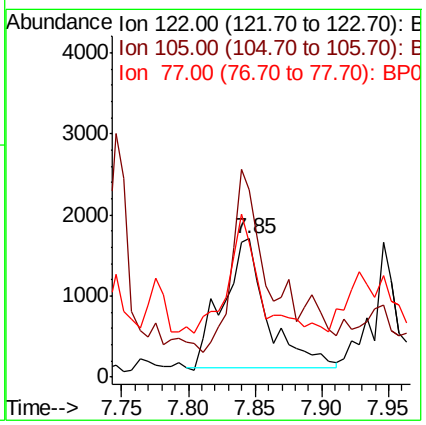


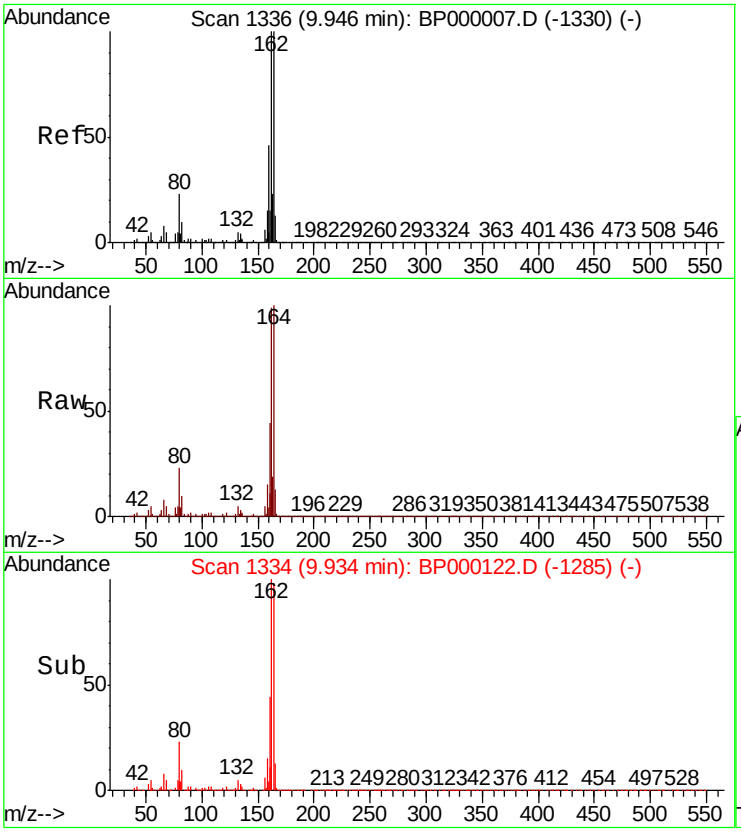


#32
Benzoic acid
Concen: 8.262 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.06 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Tgt Ion:122 Resp: 3746

Ion	Ratio	Lower	Upper
122	100		
105	136.0	104.6	144.6
77	97.5	74.1	114.1



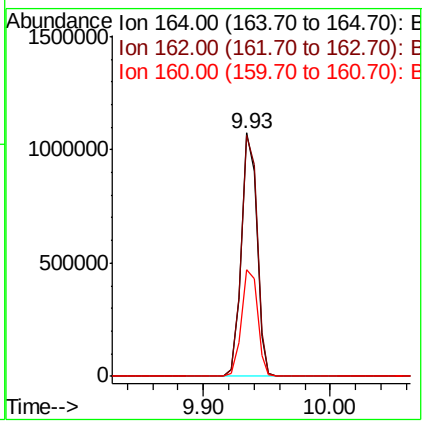


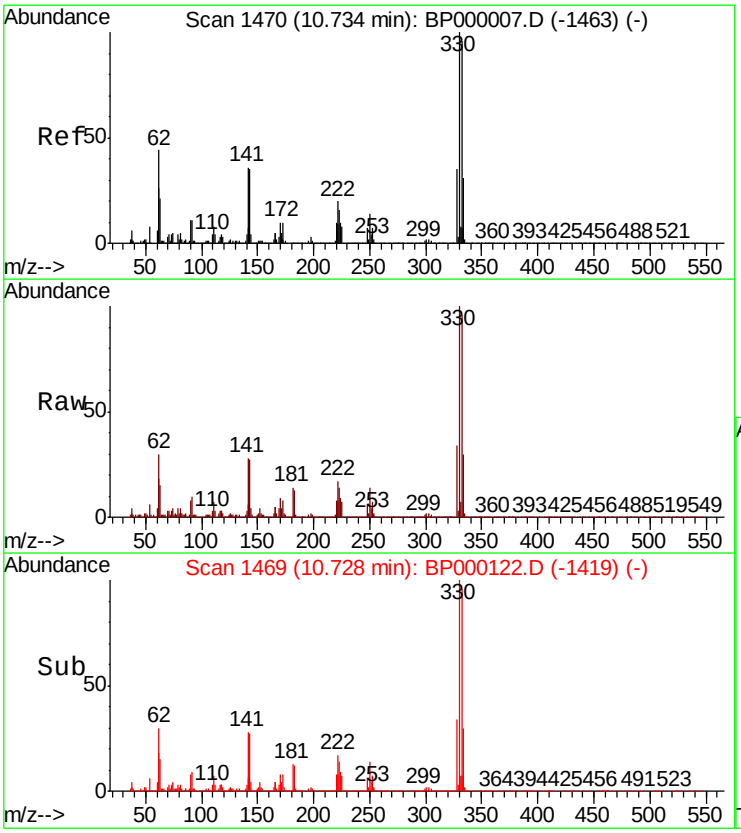
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 898027

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.2	120.4
160	43.6	36.6	55.0

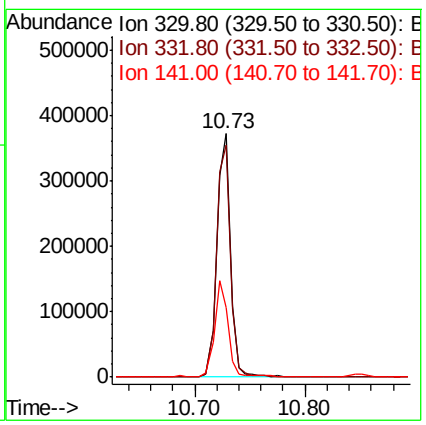


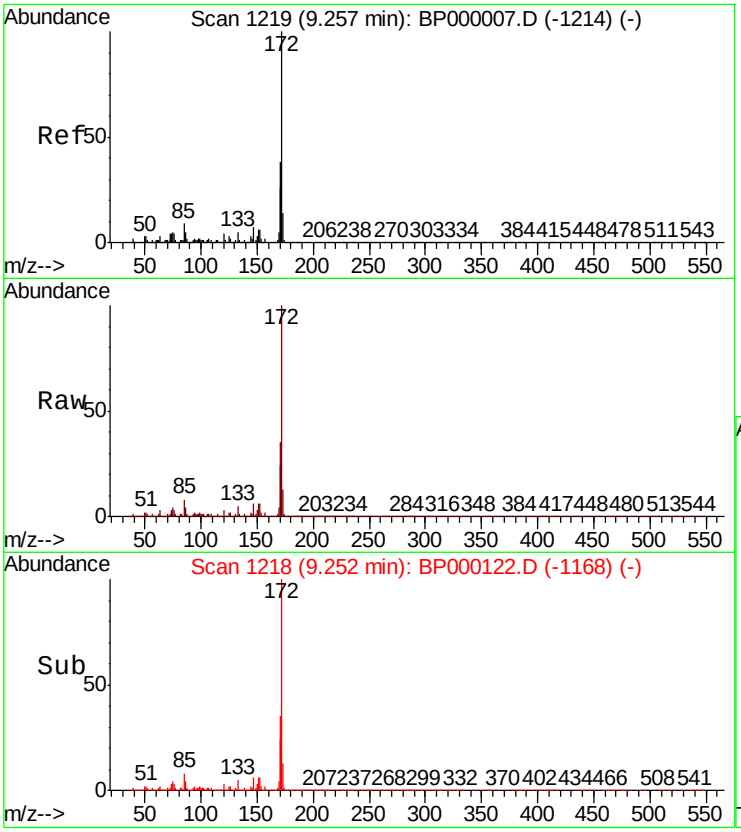


#42
2,4,6-Tribromophenol
Concen: 42.208 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Tgt Ion:330 Resp: 319494

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.8	115.2
141	37.5	33.6	50.4



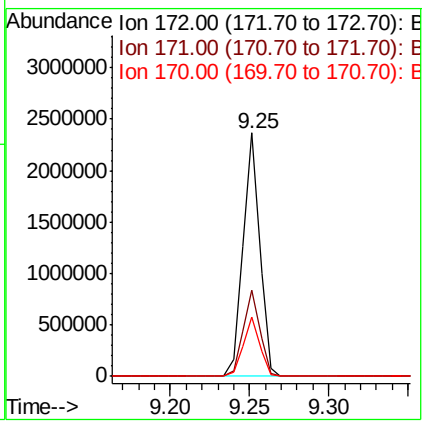


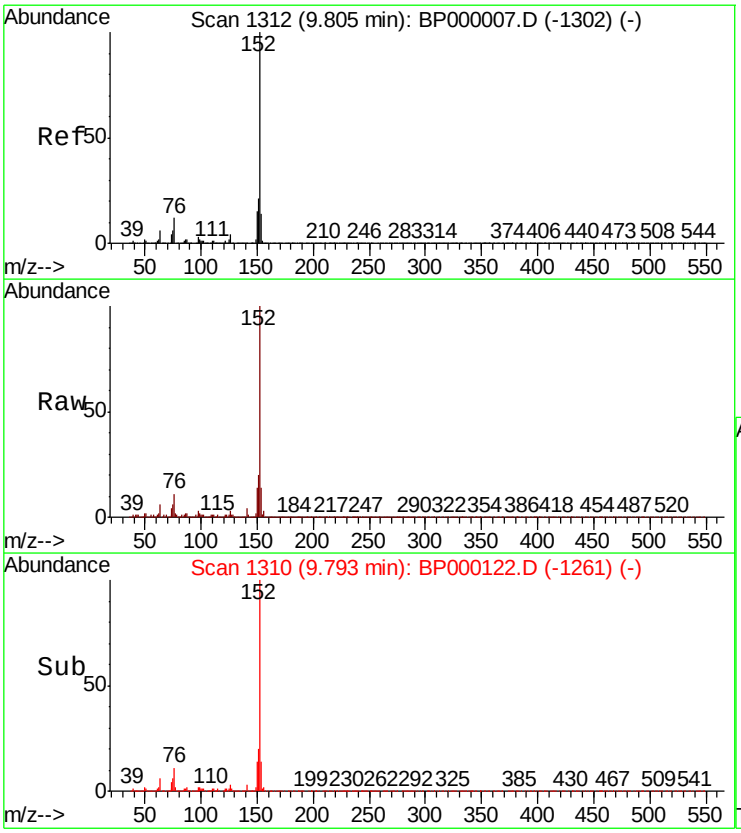
#45
2-Fluorobiphenyl
Concen: 32.170 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 1729929

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.7	46.1
170	24.3	20.7	31.1

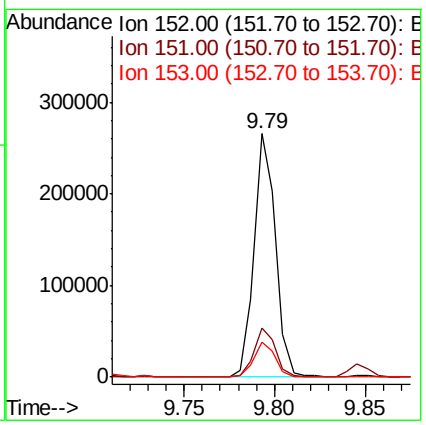


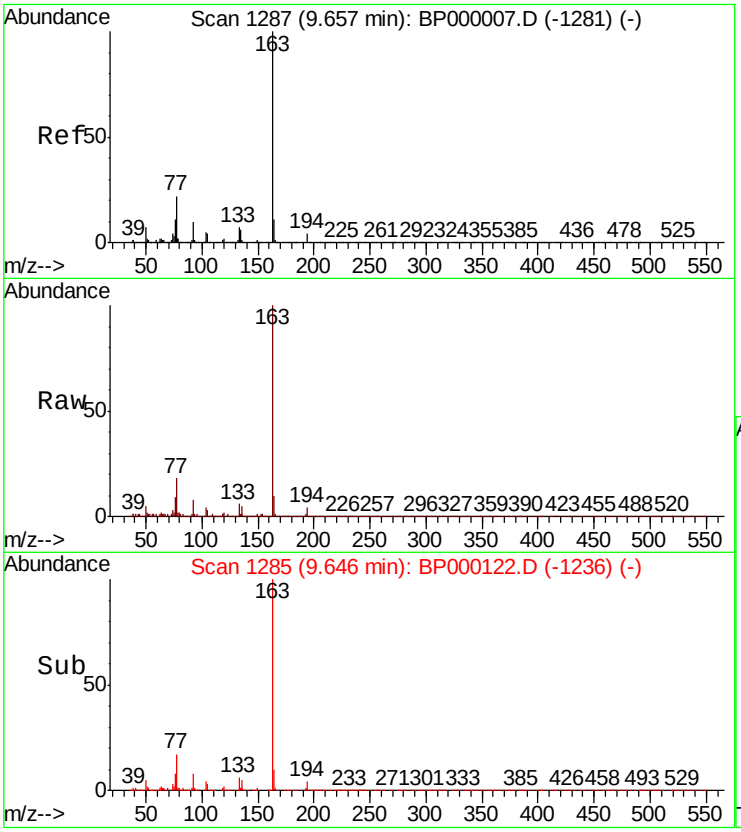


#49
Acenaphthylene
Concen: 2.772 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Tgt Ion:152 Resp: 216422

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.0	25.6
153	14.3	11.0	16.6



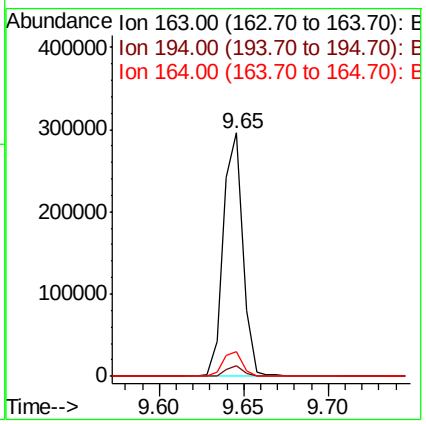


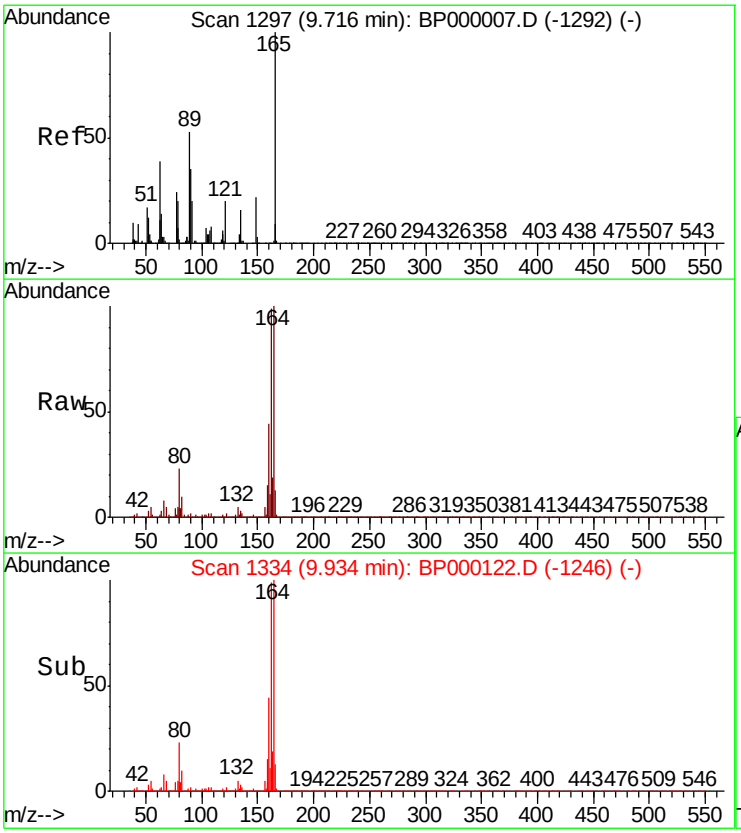
#50
Dimethylphthalate
Concen: 3.860 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 236236

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.3	4.9
164	10.0	8.4	12.6

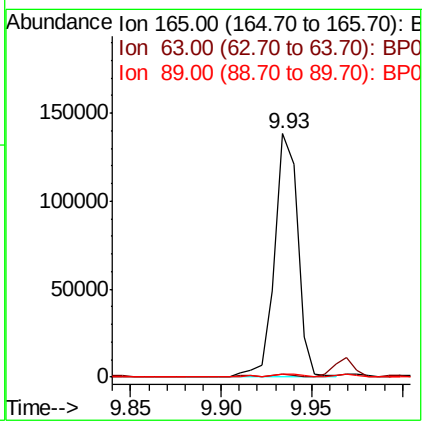


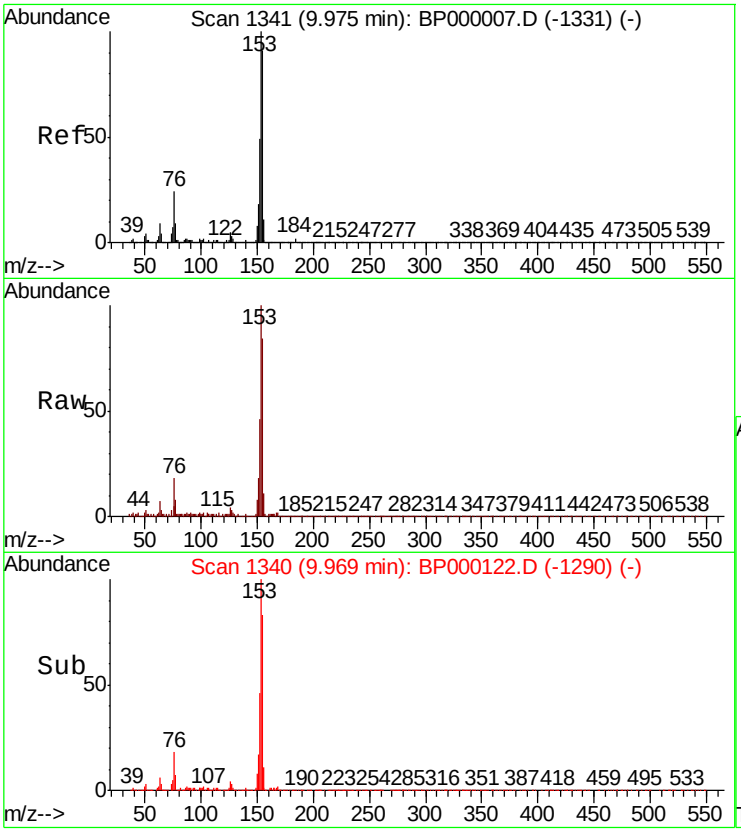


#51
2,6-Dinitrotoluene
Concen: 9.369 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Tgt Ion:165 Resp: 121696

Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.8	53.6#
89	1.3	42.2	63.4#



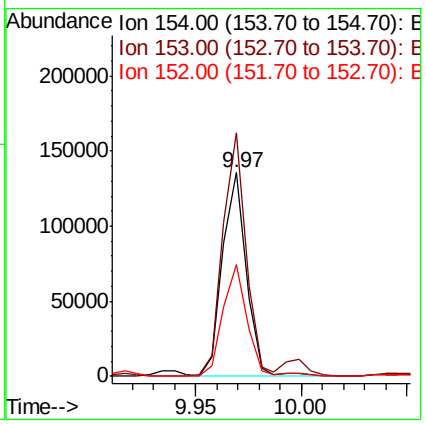


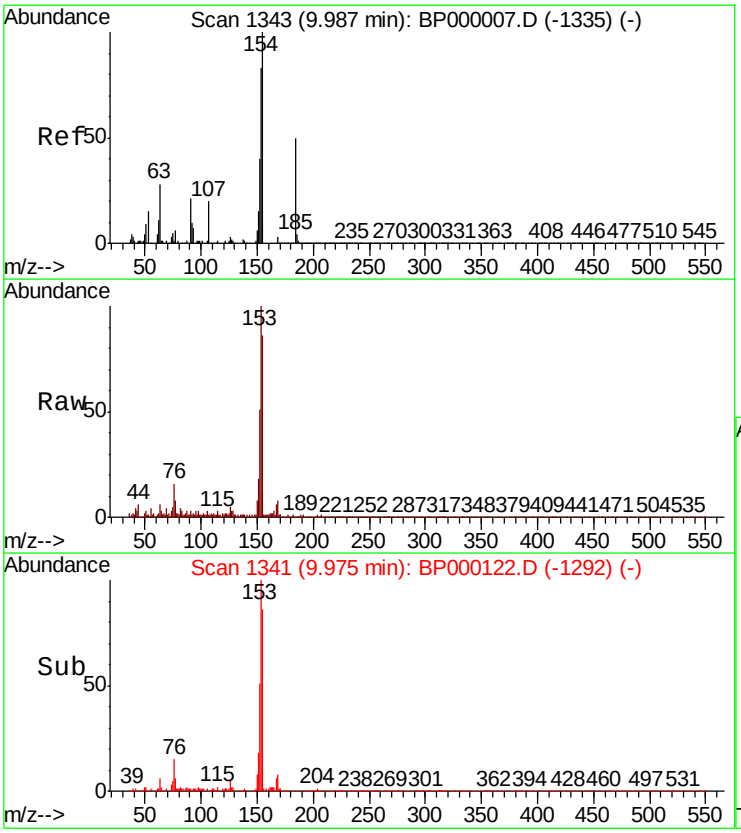
#52
Acenaphthene
Concen: 2.139 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:154 Resp: 104810

Ion	Ratio	Lower	Upper
154	100		
153	119.8	88.2	132.2
152	54.8	42.9	64.3

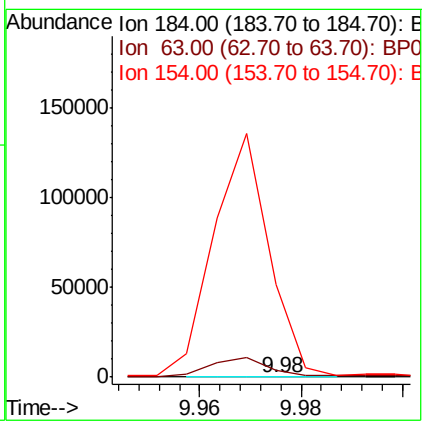


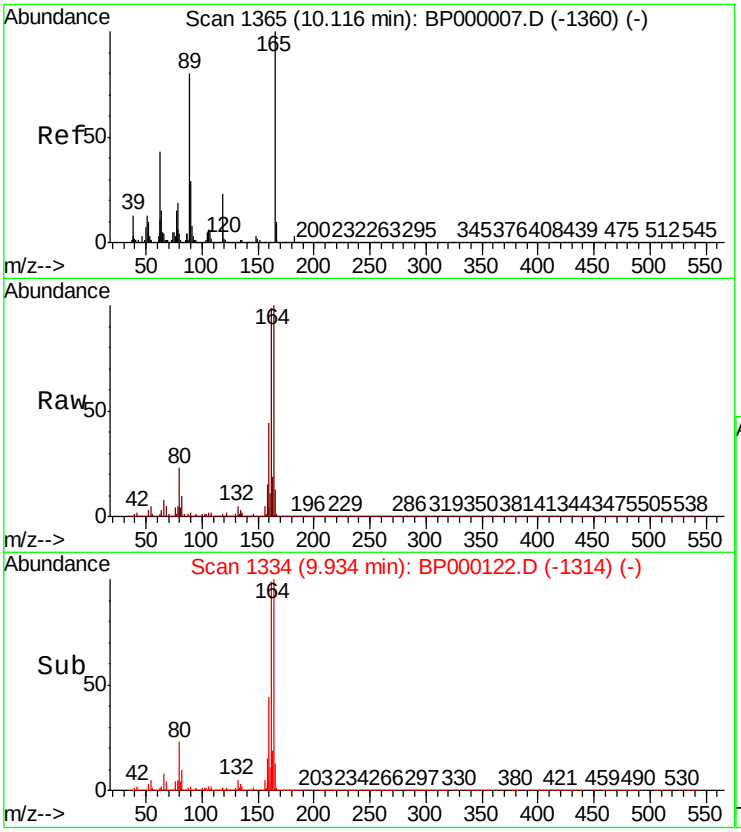


#54
2,4-Dinitrophenol
Concen: 8.664 ng
RT: 9.98 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Tgt Ion:184 Resp: 87

Ion	Ratio	Lower	Upper
184	100		
63	4333.0	46.0	69.0#
154	58445.5	161.9	242.9#



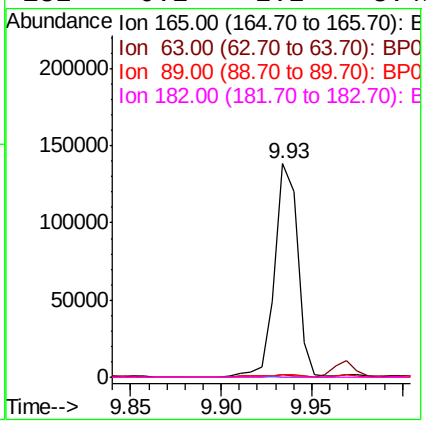


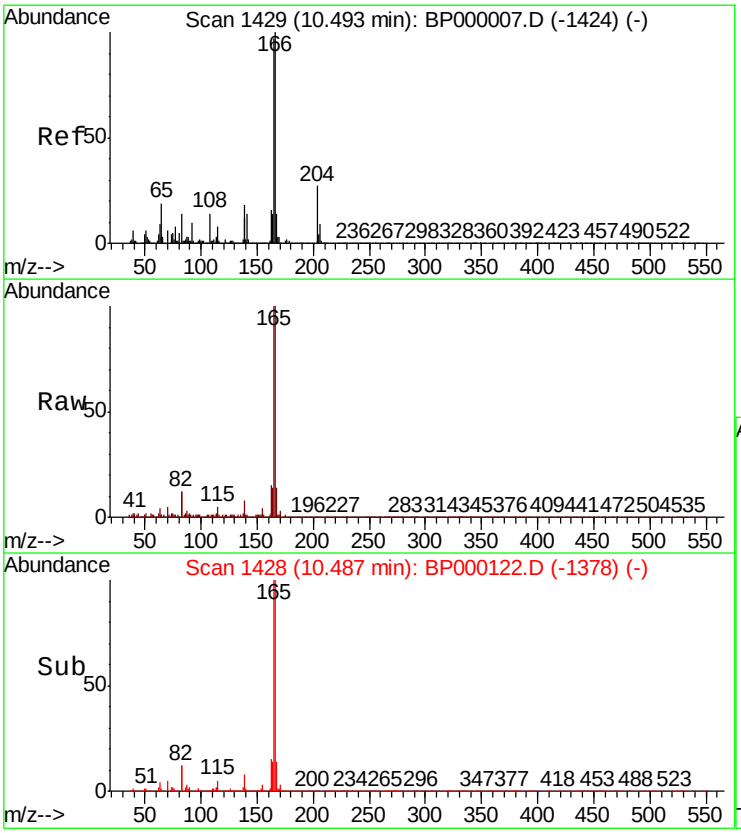
#57
2,4-Dinitrotoluene
Concen: 7.339 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 121696

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.4	51.6#
89	1.3	64.3	96.5#
182	0.2	2.2	3.4#

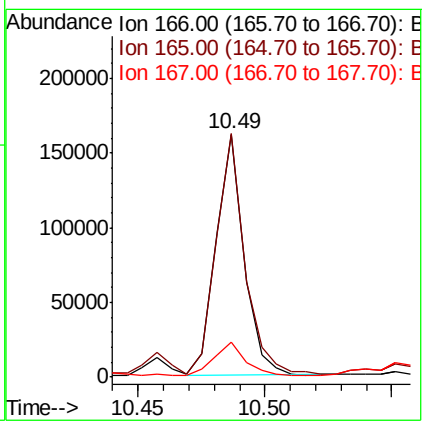


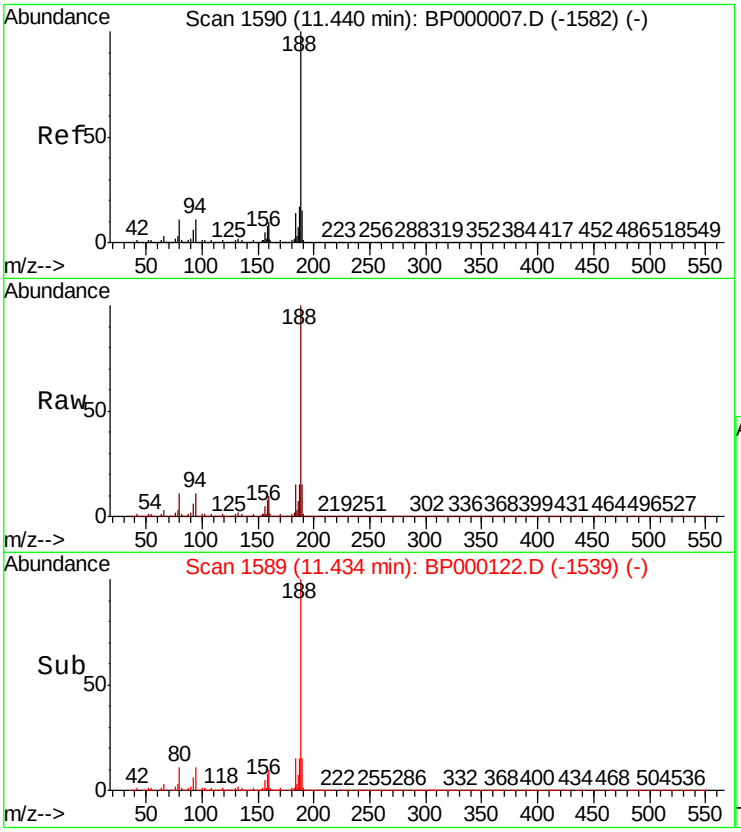


#58
Fluorene
Concen: 2.374 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Tgt Ion:166 Resp: 124291

Ion	Ratio	Lower	Upper
166	100		
165	100.4	77.3	115.9
167	14.4	11.0	16.6



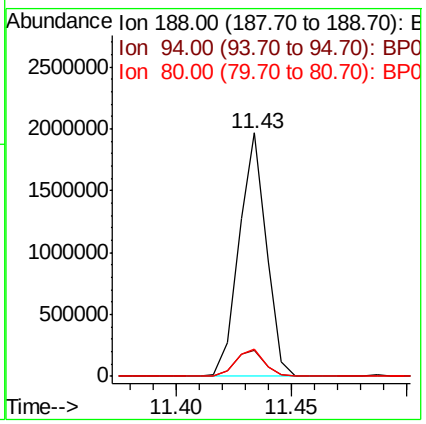


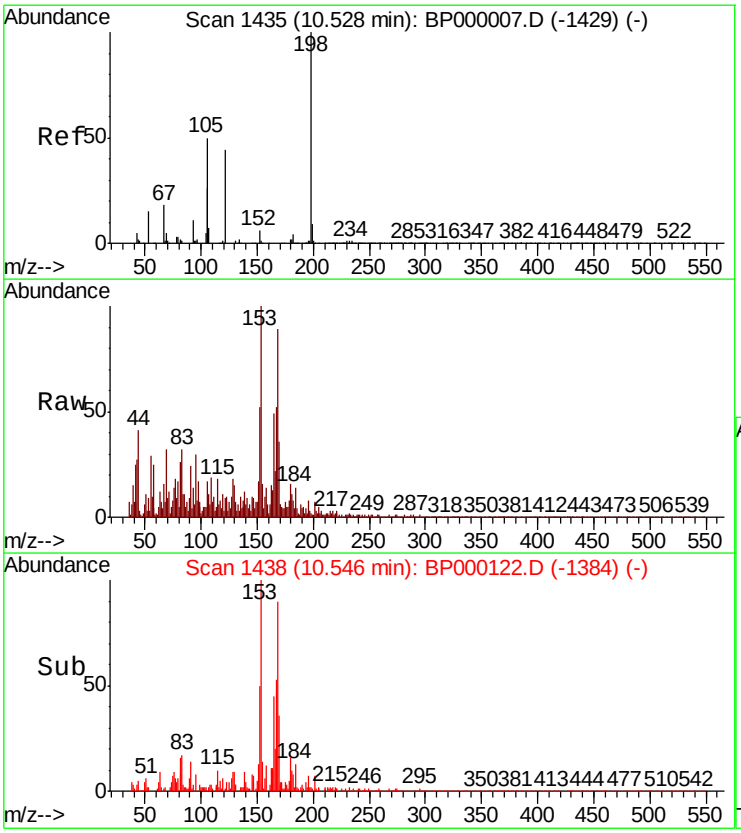
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 1614896

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.8	13.2
80	11.1	9.0	13.6

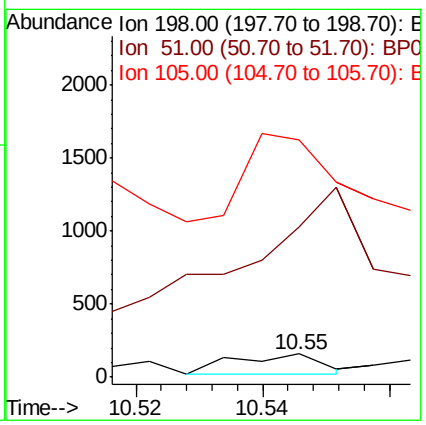


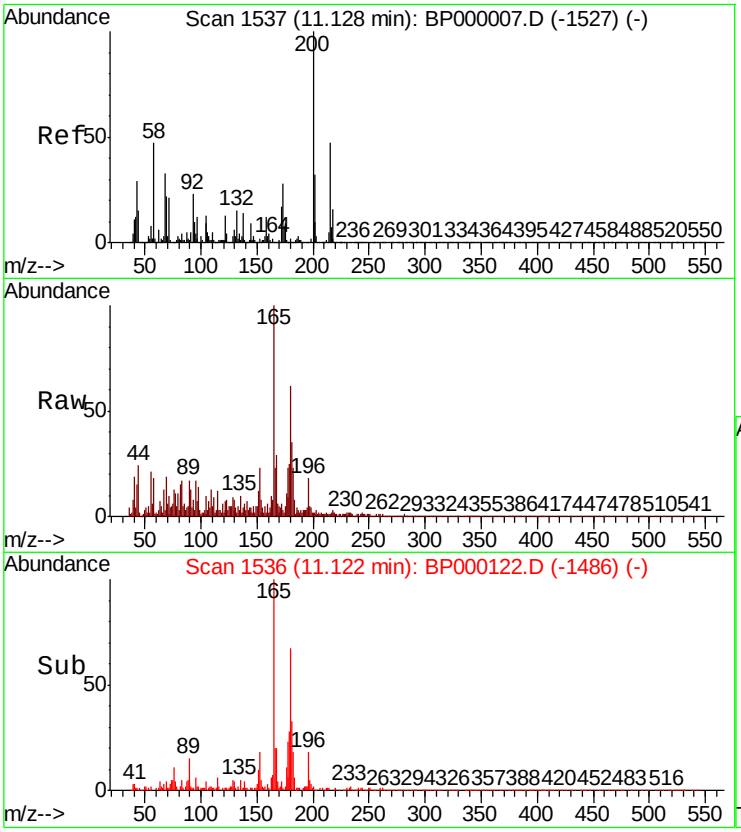


#65
4,6-Dinitro-2-methylphenol
Concen: 7.743 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.02 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Tgt Ion:198 Resp: 138

Ion	Ratio	Lower	Upper
198	100		
51	640.0	22.1	62.1#
105	1012.5	32.0	72.0#



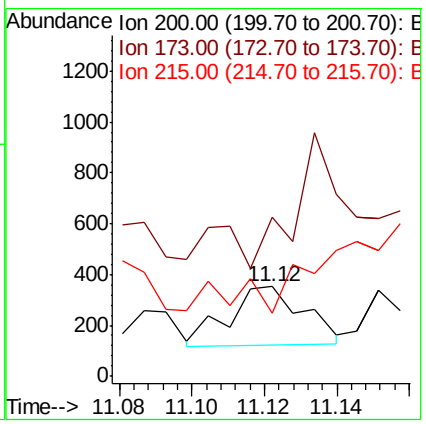


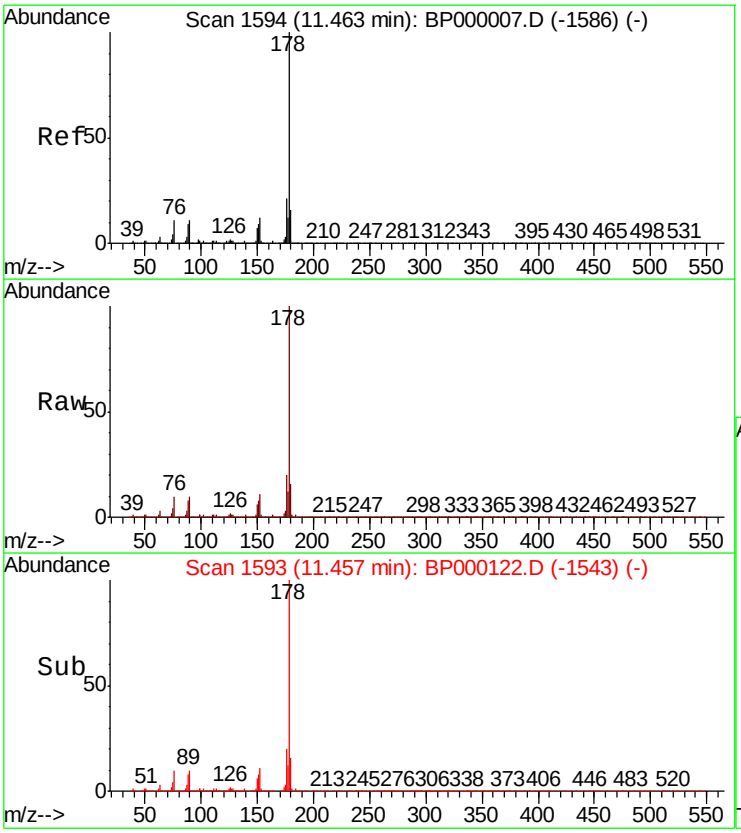
#69
Atrazine
Concen: Below Cal
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:200 Resp: 333

Ion	Ratio	Lower	Upper
200	100		
173	177.8	8.1	48.1#
215	70.5	26.7	66.7#

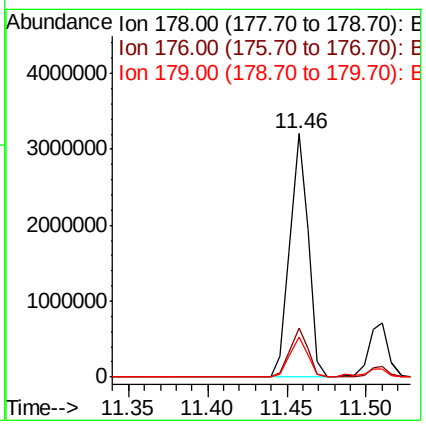


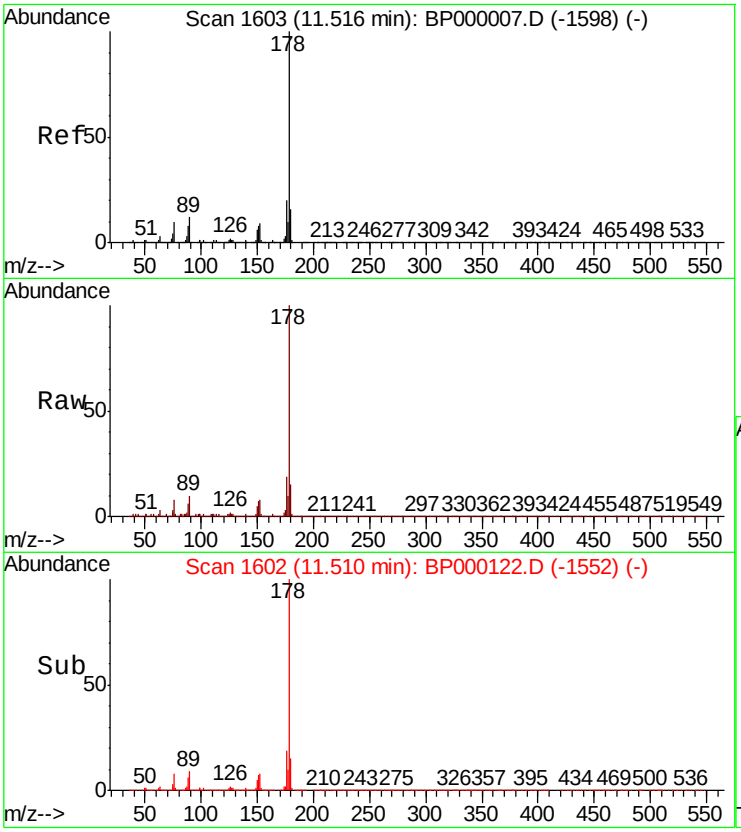


#71
Phenanthrene
Concen: 32.132 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Tgt Ion:178 Resp: 2586272

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.7	25.1
179	16.2	13.1	19.7



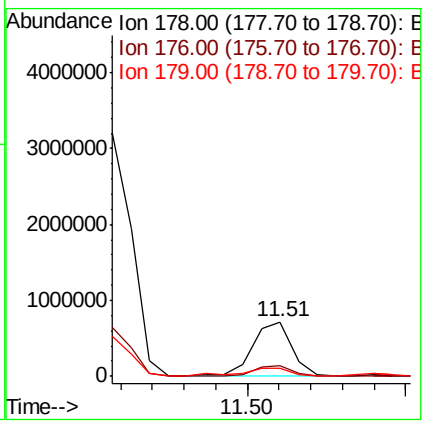


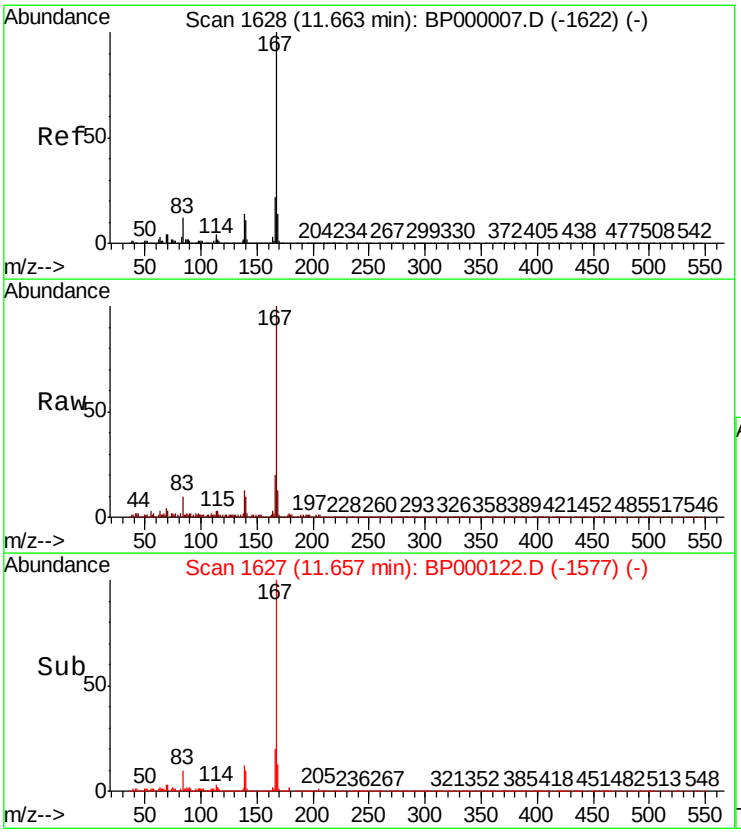
#72
Anthracene
Concen: 7.673 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 610065

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	15.5	13.0	19.6

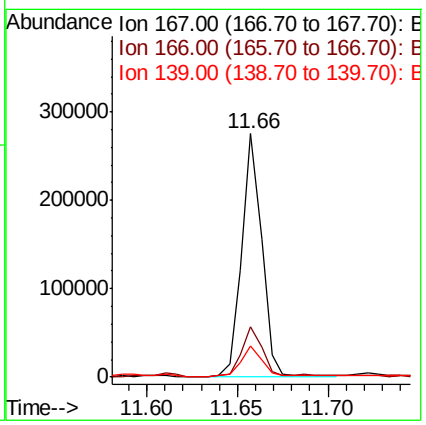


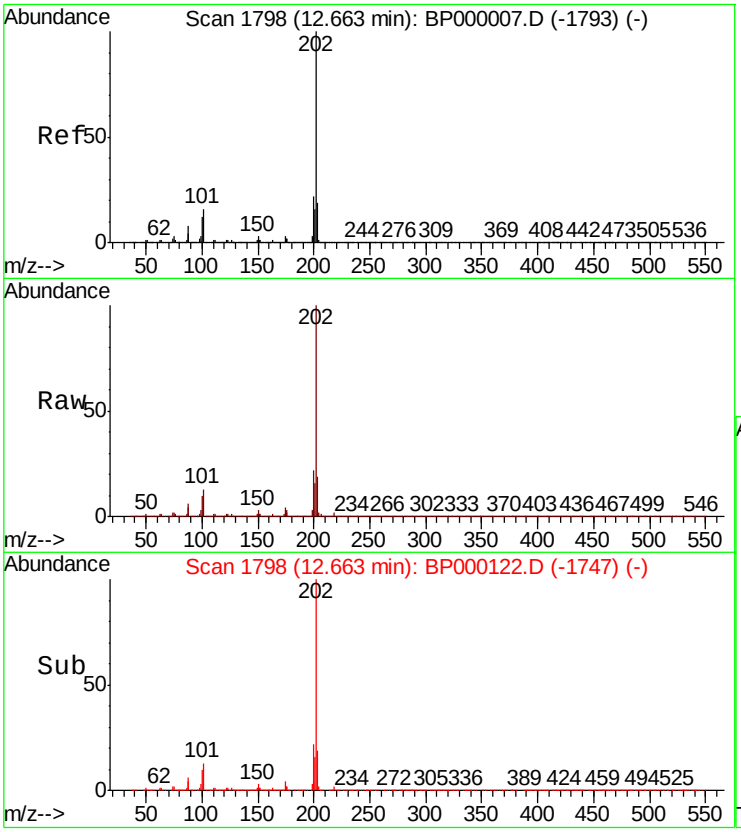


#73
Carbazole
Concen: 2.812 ng
RT: 11.66 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Tgt Ion:167 Resp: 211031

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.9	26.9
139	12.6	11.4	17.2



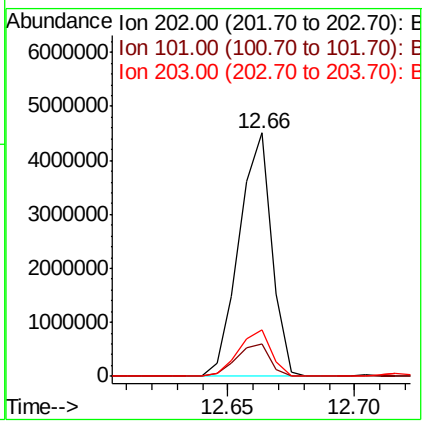


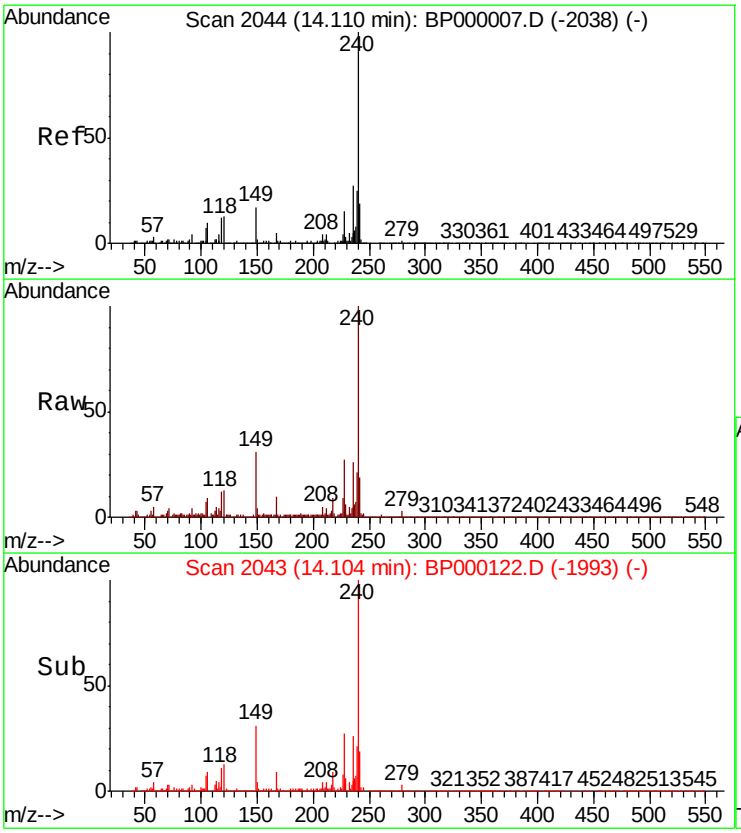
#75
Fluoranthene
Concen: 46.266 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 4046709

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	36.4
203	19.0	0.0	38.7

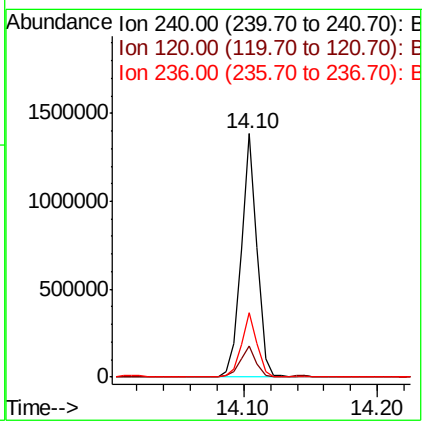


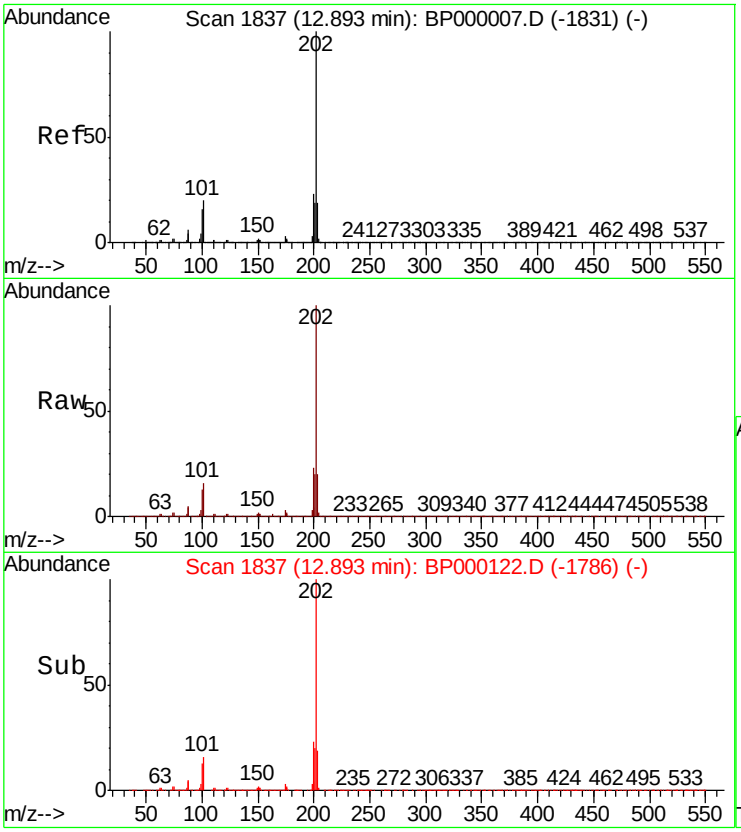


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Tgt Ion:240 Resp: 1129930

Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.5	15.7
236	26.3	21.5	32.3



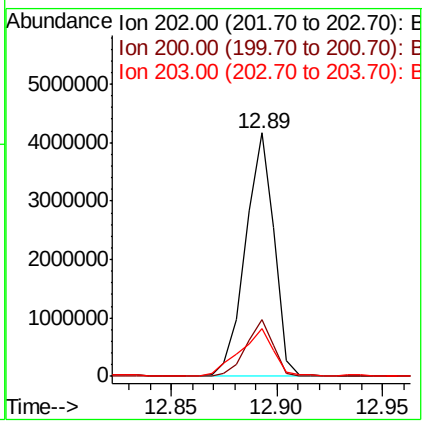


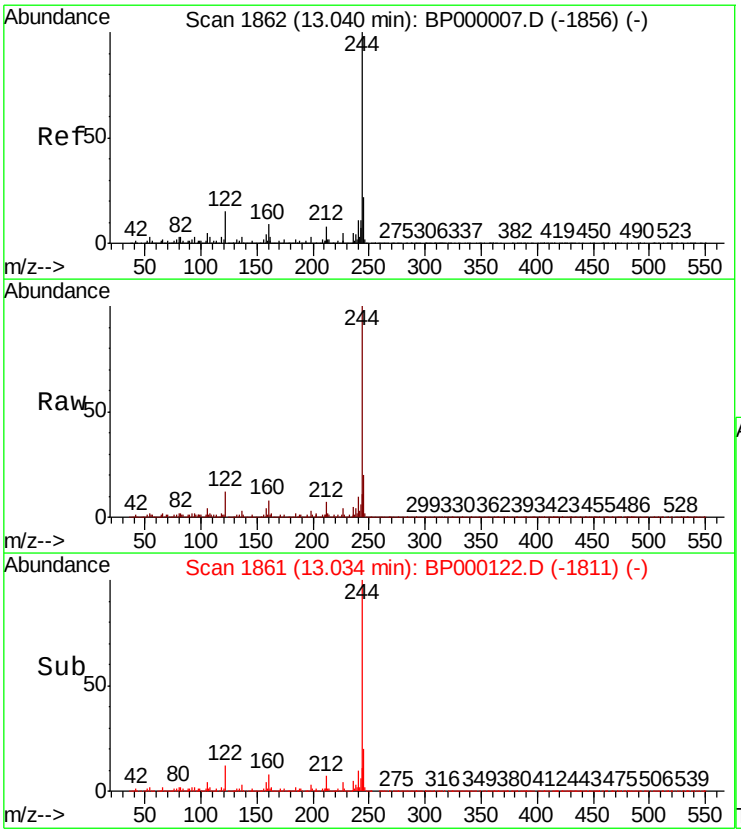
#78
Pyrene
Concen: 47.153 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 3919594

Ion	Ratio	Lower	Upper
202	100		
200	23.3	18.5	27.7
203	19.6	15.1	22.7

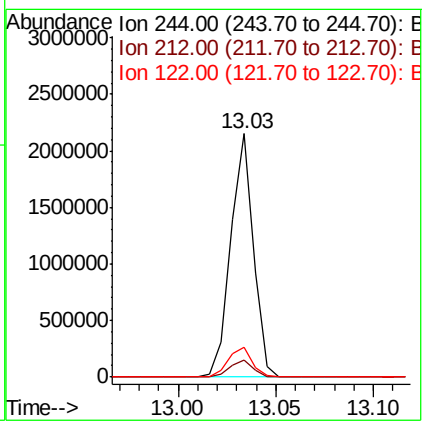


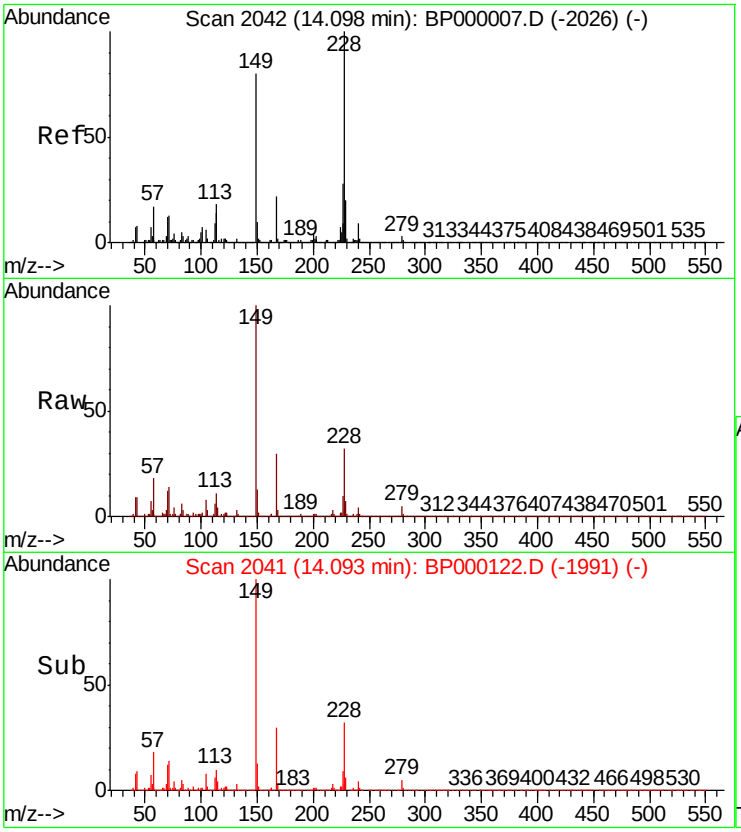


#79
Terphenyl-d14
Concen: 33.406 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Tgt Ion:244 Resp: 1731803

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.6	10.0
122	12.1	12.3	18.5#



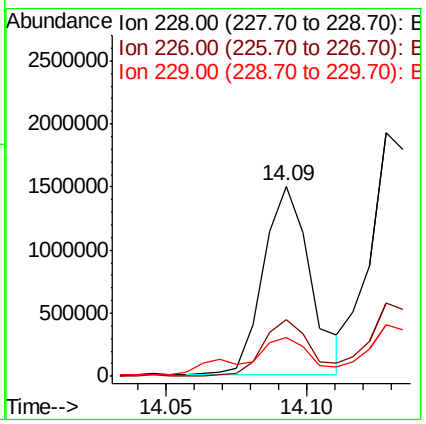


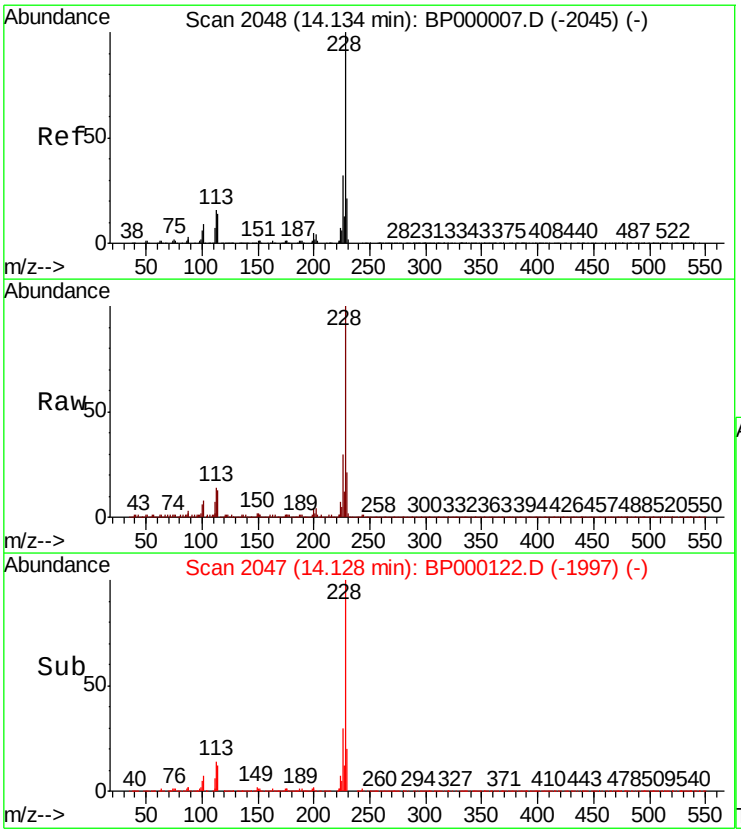
#81
Benzo(a)anthracene
Concen: 23.804 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 1742906

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.5	33.7
229	20.7	16.2	24.2

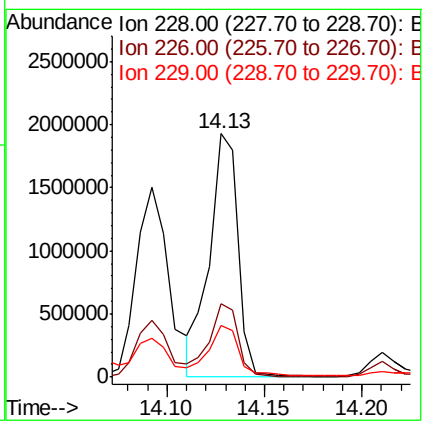


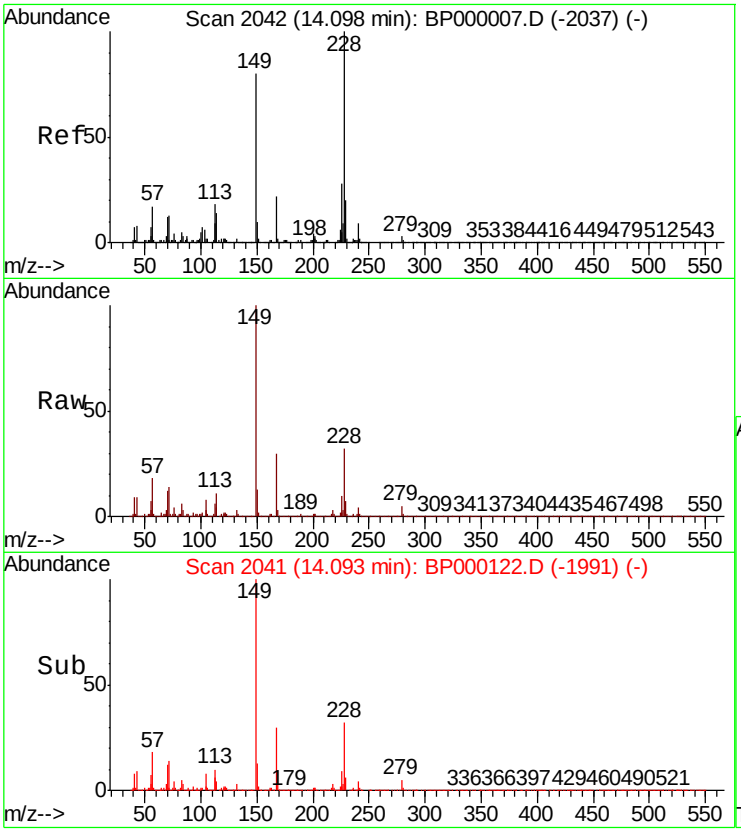


#83
Chrysene
Concen: 27.947 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Tgt Ion:228 Resp: 1935530

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.5	38.3
229	21.1	16.5	24.7



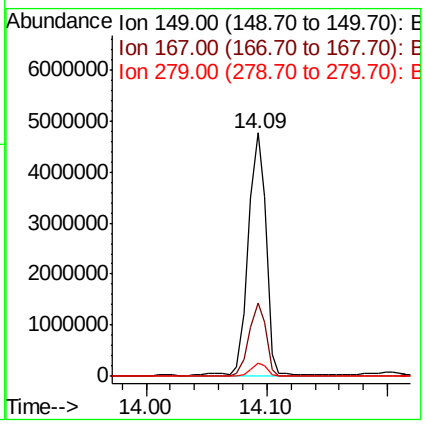


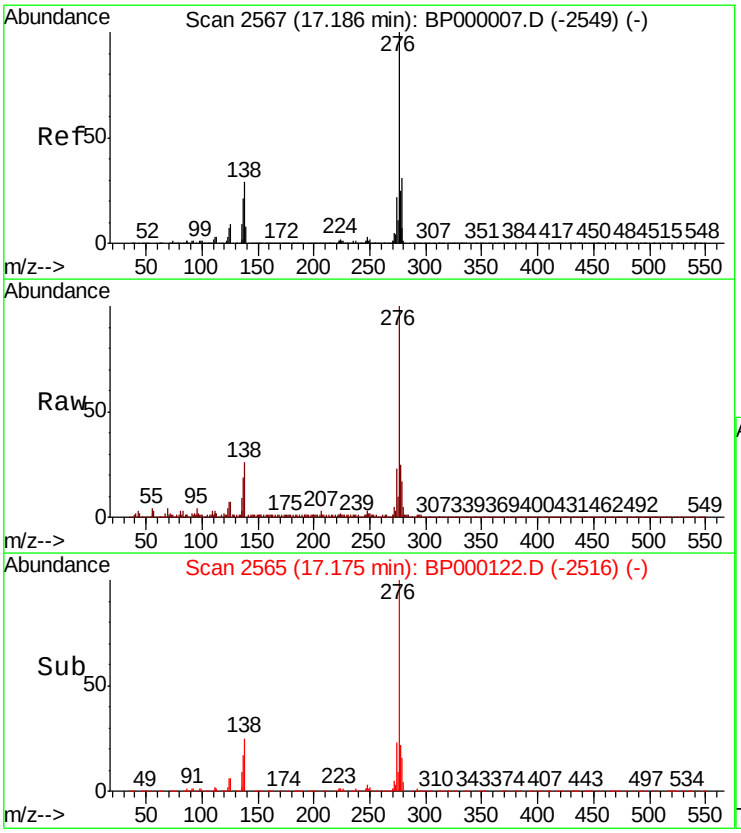
#84
Bis(2-ethylhexyl)phthalate
Concen: 101.178 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 4876641

Ion	Ratio	Lower	Upper
149	100		
167	30.2	22.4	33.6
279	5.2	3.1	4.7#

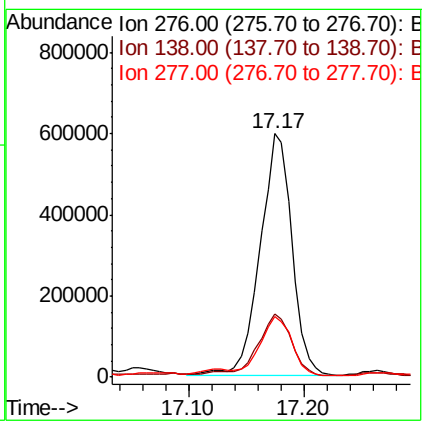


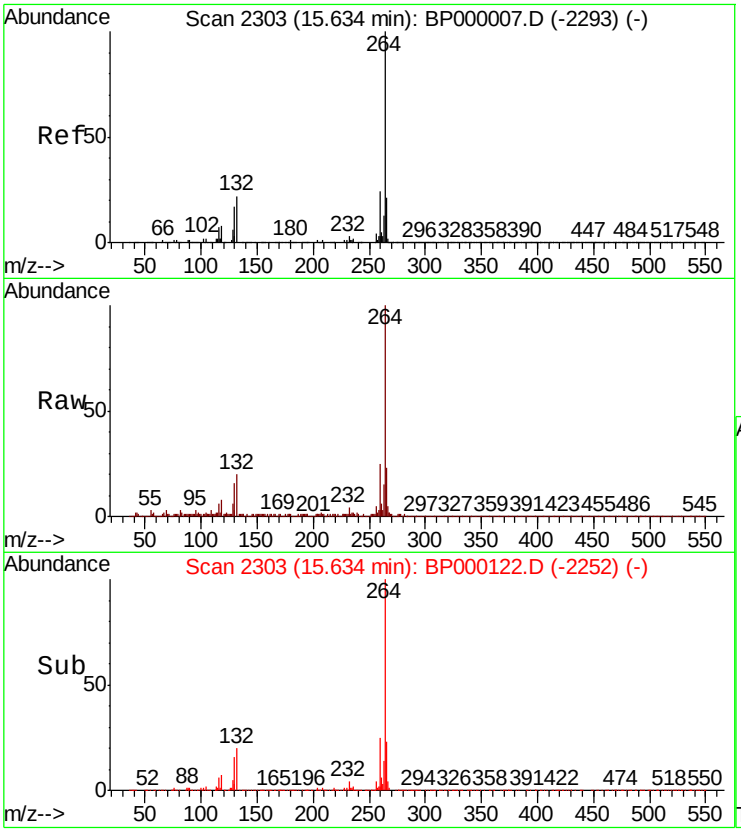


#86
Indeno(1,2,3-cd)pyrene
Concen: 13.111 ng
RT: 17.17 min Scan# 2565
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Tgt Ion:276 Resp: 1137798

Ion	Ratio	Lower	Upper
276	100		
138	27.3	26.5	39.7
277	24.8	20.3	30.5



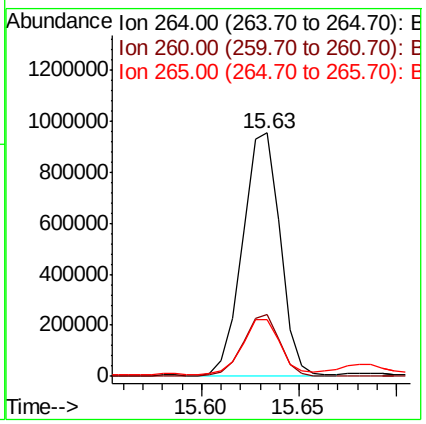


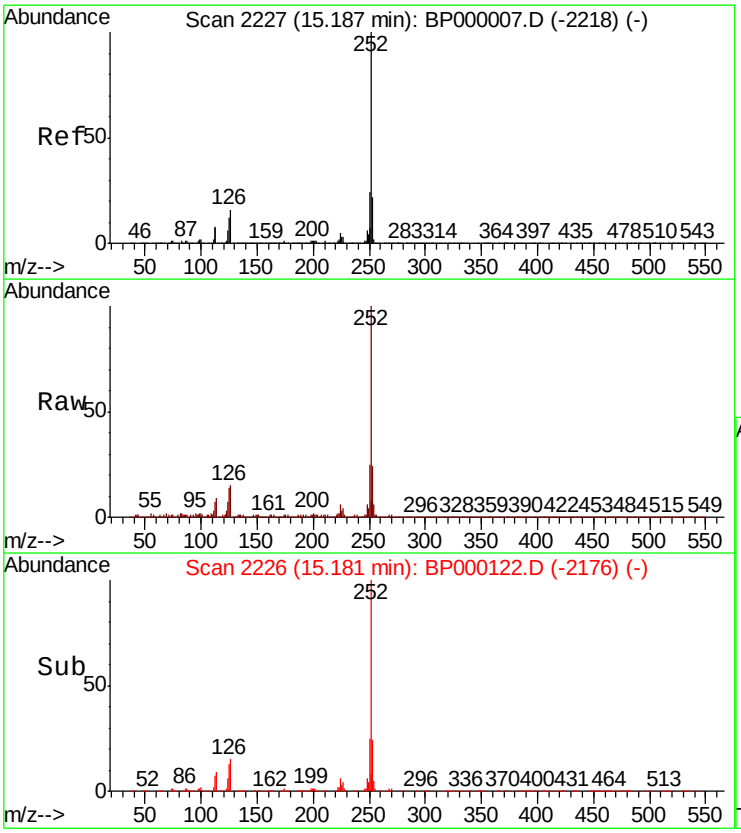
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 1265490

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.1	28.7
265	23.5	17.1	25.7

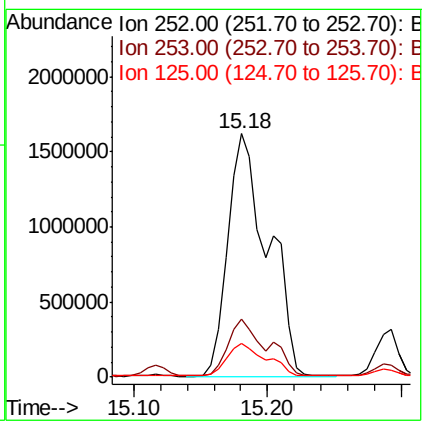


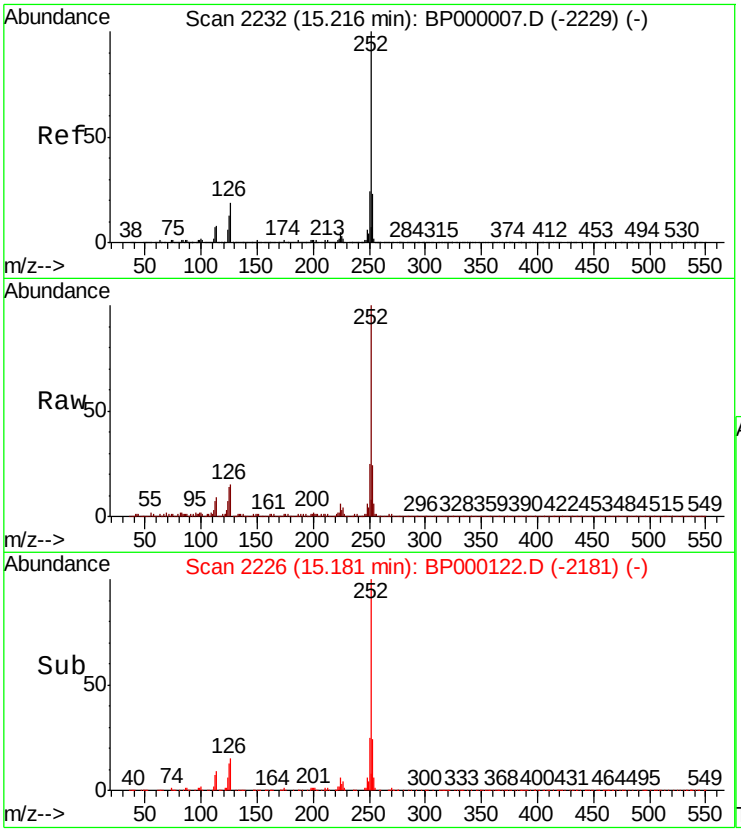


#88
Benzo(b)fluoranthene
Concen: 43.872 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Tgt Ion:252 Resp: 3391255

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	13.7	9.4	14.2



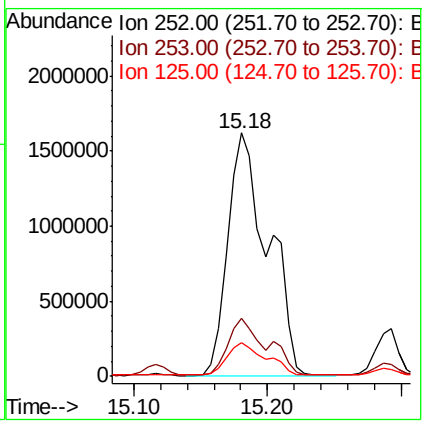


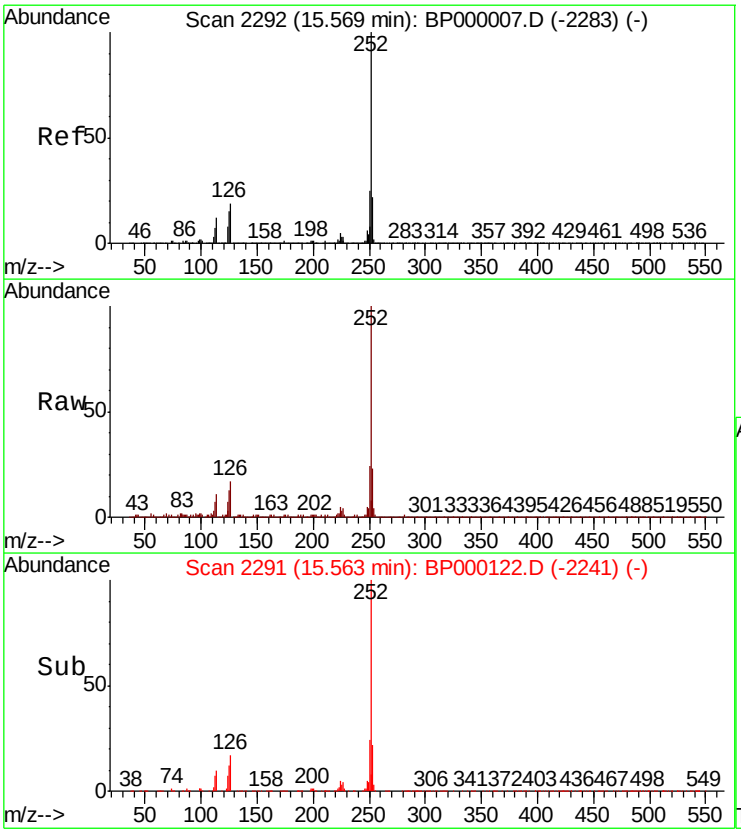
#89
Benzo(k)fluoranthene
Concen: 47.938 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.04 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 3390980

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	13.7	10.3	15.5

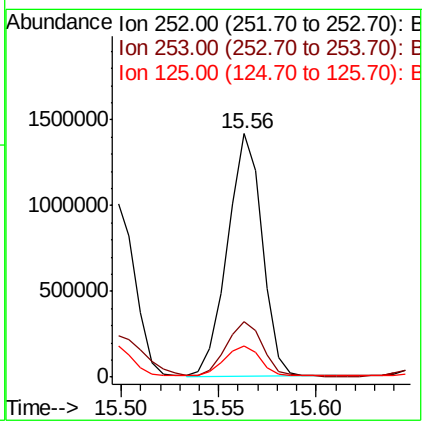


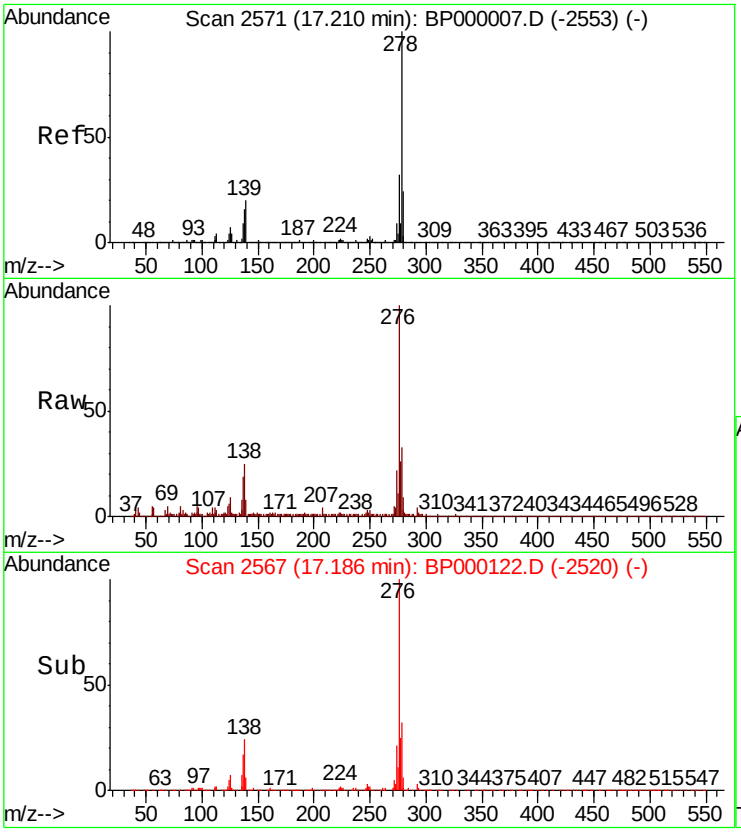


#90
Benzo(a)pyrene
Concen: 24.932 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Tgt Ion:252 Resp: 1739673

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	13.0	11.7	17.5



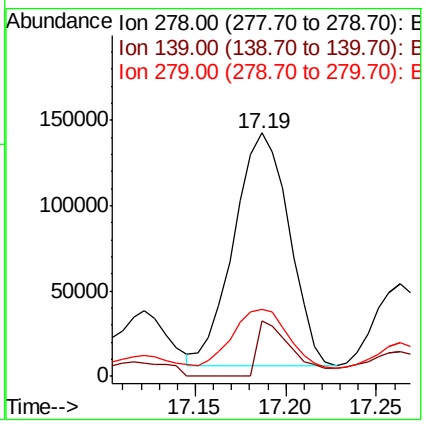


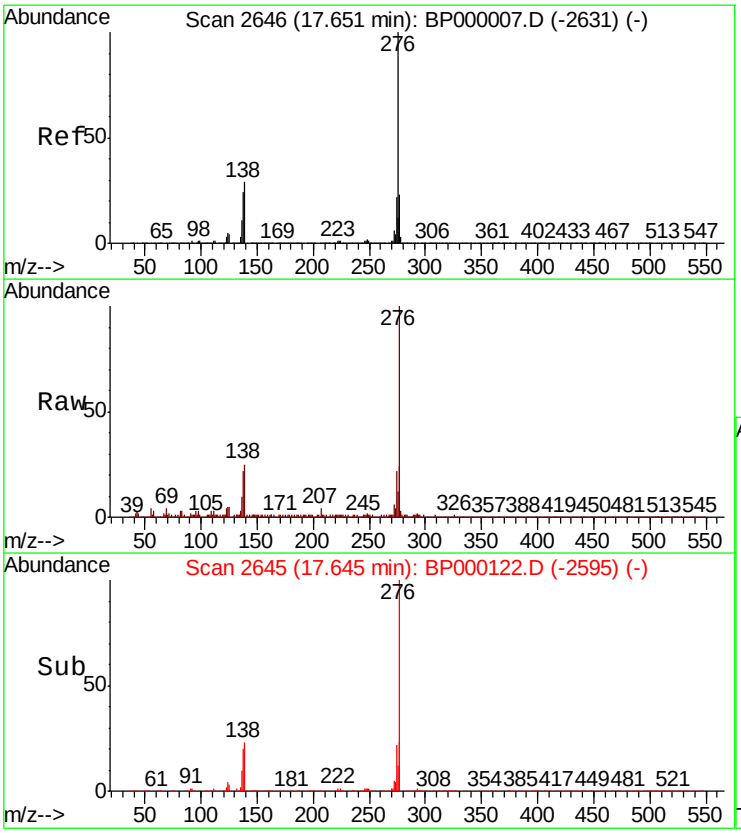
#91
Dibenzo(a,h)anthracene
Concen: 4.164 ng
RT: 17.19 min Scan# 2567
Delta R.T. -0.02 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 290539

Ion	Ratio	Lower	Upper
278	100		
139	22.9	16.4	24.6
279	27.6	19.2	28.8





#92
Benzo(g,h,i)perylene
Concen: 15.662 ng
RT: 17.65 min Scan# 2645
Delta R.T. -0.01 min
Lab File: BP000122.D
Acq: 09 Sep 2019 04:48

Tgt Ion:276 Resp: 1081717

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	25.3	23.0	34.4