Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000124.D
Acq On : 09 Sep 2019 05:37
Operator : HP/JU
Sample : K4636-014 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 09 08:33:51 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	430235	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1604127	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	881511	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	1551819	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1040154	20.00	ng		0.00
87) Perylene-d12	15.63	264	1169988	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1147127	42.52	ng		0.00
7) Phenol-d6	6.51	99	1540956	45.24	ng		0.00
23) Nitrobenzene-d5	7.45	82	811479	31.04	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	338377	45.54	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1699946	32.20	ng		0.00
79) Terphenyl-d14	13.03	244	1655247	34.69	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	98691	5.091	ng	#	77
25) Isophorone	7.45	82	810921	14.680	ng	#	66
31) Naphthalene	8.19	128	256747	3.488	ng		100
32) Benzoic acid	7.85	122	3100	8.235	ng		96
49) Acenaphthylene	9.79	152	261127	3.407	ng		98
50) Dimethylphthalate	9.65	163	237235	3.949	ng		99
51) 2,6-Dinitrotoluene	9.93	165	119251	9.353	ng	#	30
52) Acenaphthene	9.97	154	247467	5.145	ng		96
54) 2,4-Dinitrophenol	9.95	184	47	8.657	ng	#	1
55) Dibenzofuran	10.14	168	214665	3.143	ng		98
56) 4-Nitrophenol	10.14	139	78994	7.256	ng	#	10
58) Fluorene	10.49	166	271059	5.273	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	78	7.735	ng	#	1
69) Atrazine	11.13	200	302	Below Cal		#	1
71) Phenanthrene	11.46	178	3774310	48.798	ng		99
72) Anthracene	11.51	178	991587	12.978	ng		99
73) Carbazole	11.66	167	447871	6.210	ng		97
75) Fluoranthene	12.66	202	5189412	61.742	ng		96
78) Pyrene	12.90	202	4877741	63.744	ng		98
81) Benzo(a)anthracene	14.09	228	2221633	32.961	ng		99
83) Chrysene	14.13	228	2542013	39.873	ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	4876713	109.912	ng	#	94
86) Indeno(1,2,3-cd)pyrene	17.19	276	1412332	17.679	ng		93
88) Benzo(b)fluoranthene	15.19	252	4309209	60.298	ng		98
89) Benzo(k)fluoranthene	15.19	252	4309209	65.892	ng		99
90) Benzo(a)pyrene	15.57	252	2238413	34.698	ng		98
91) Dibenzo(a,h)anthracene	17.19	278	370153	5.738	ng		94
92) Benzo(g,h,i)perylene	17.65	276	1291334	20.223	ng		96

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
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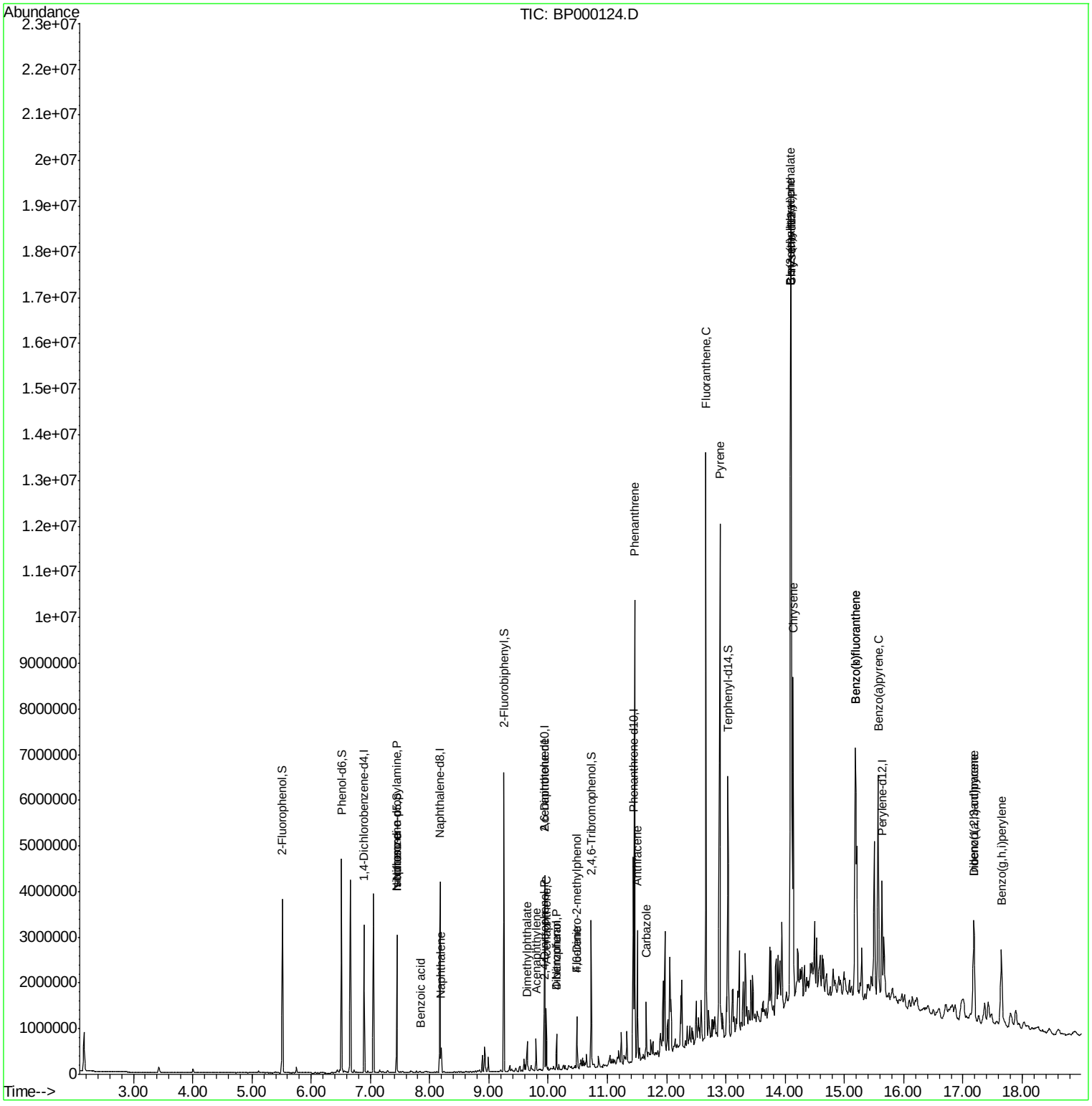
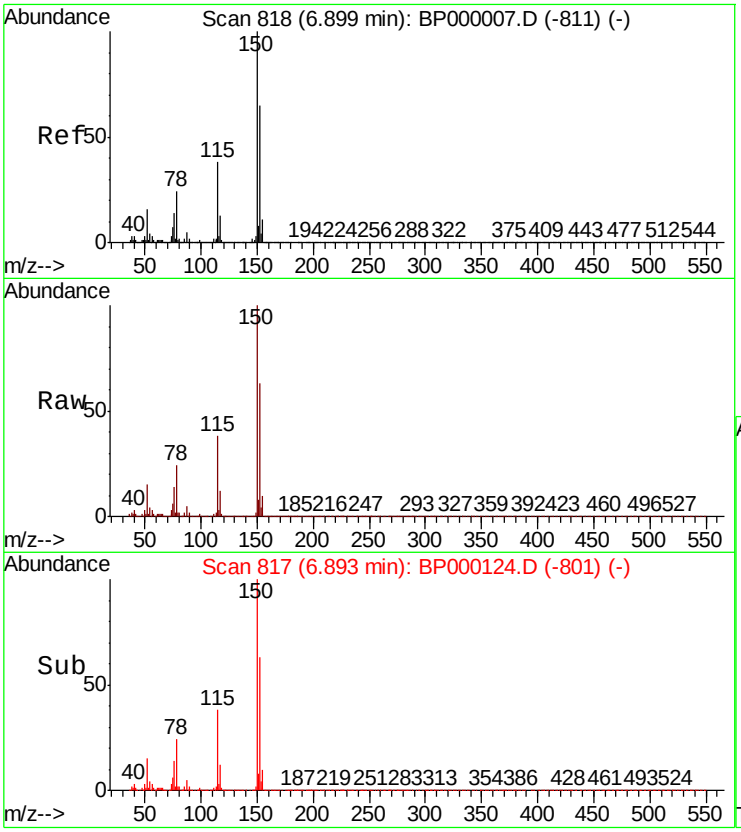


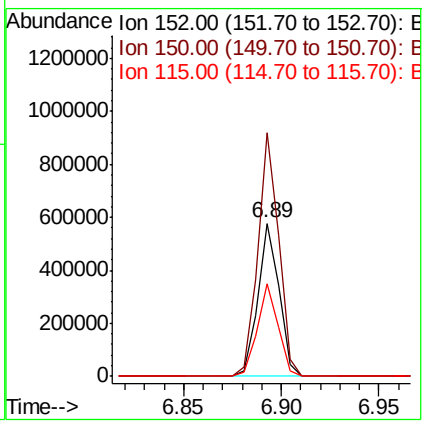


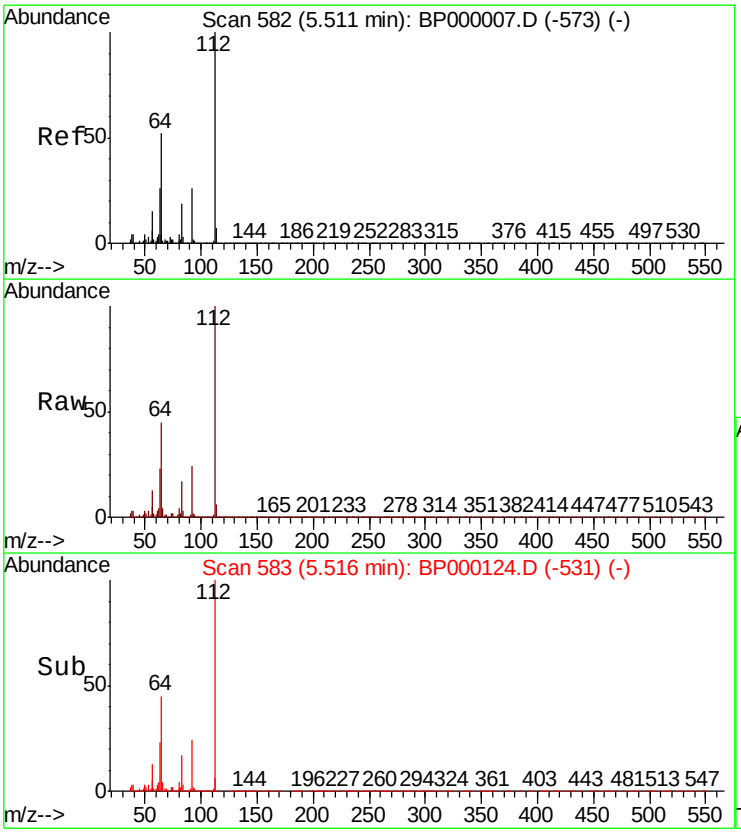
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 430235

Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.0	184.6
115	60.2	46.7	70.1

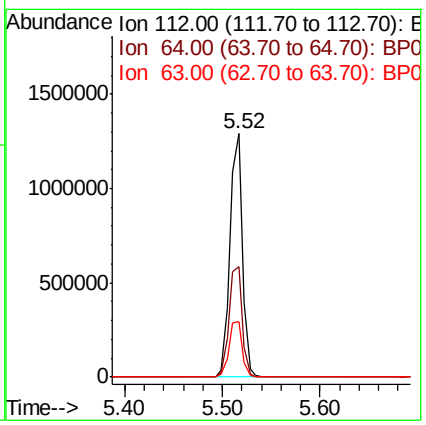


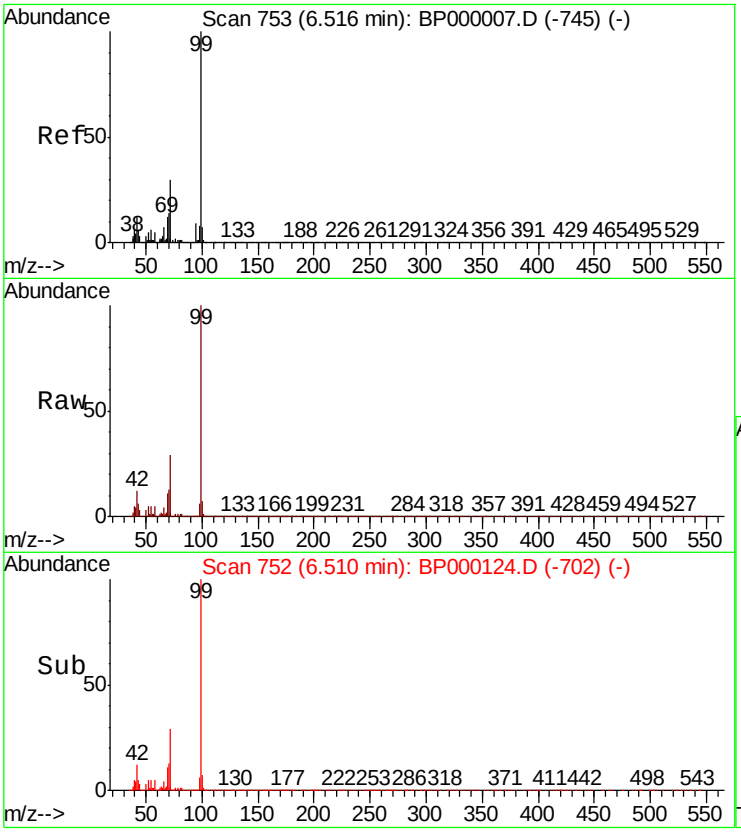


#5
2-Fluorophenol
Concen: 42.517 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:112 Resp: 1147127

Ion	Ratio	Lower	Upper
112	100		
64	45.2	41.8	62.8
63	22.8	21.0	31.4



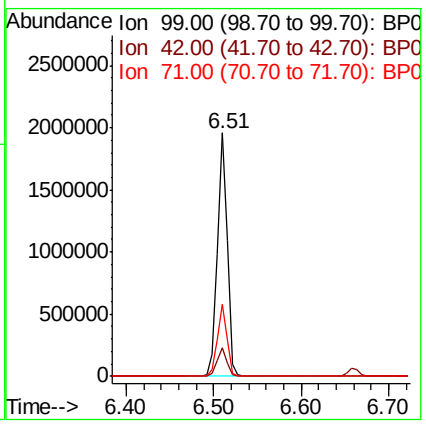


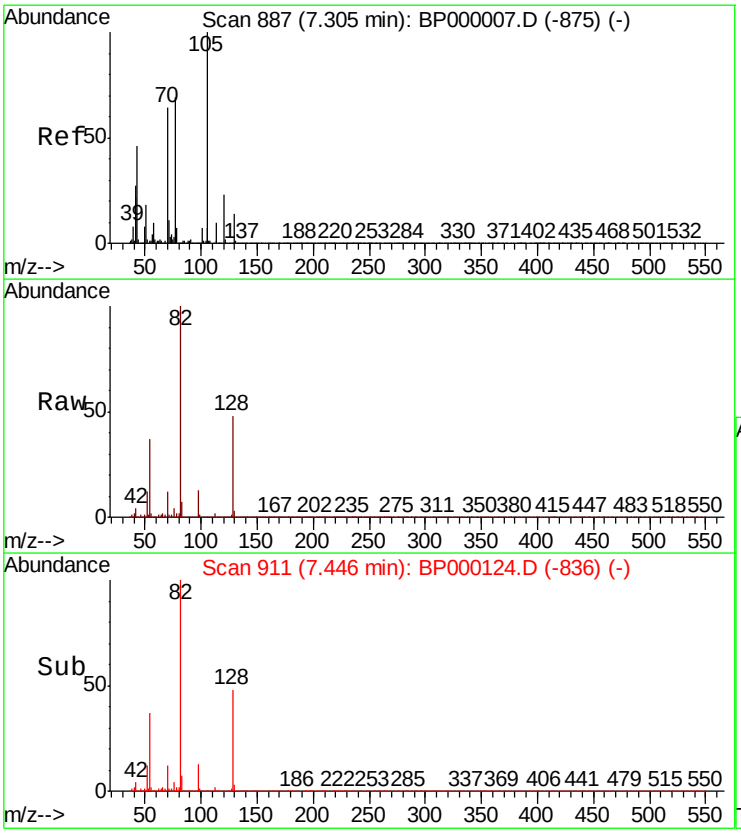
#7
Phenol-d6
Concen: 45.242 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1540956

Ion	Ratio	Lower	Upper
99	100		
42	11.7	9.8	14.8
71	29.4	23.8	35.8

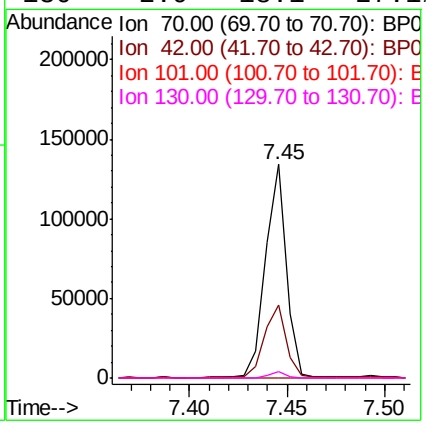


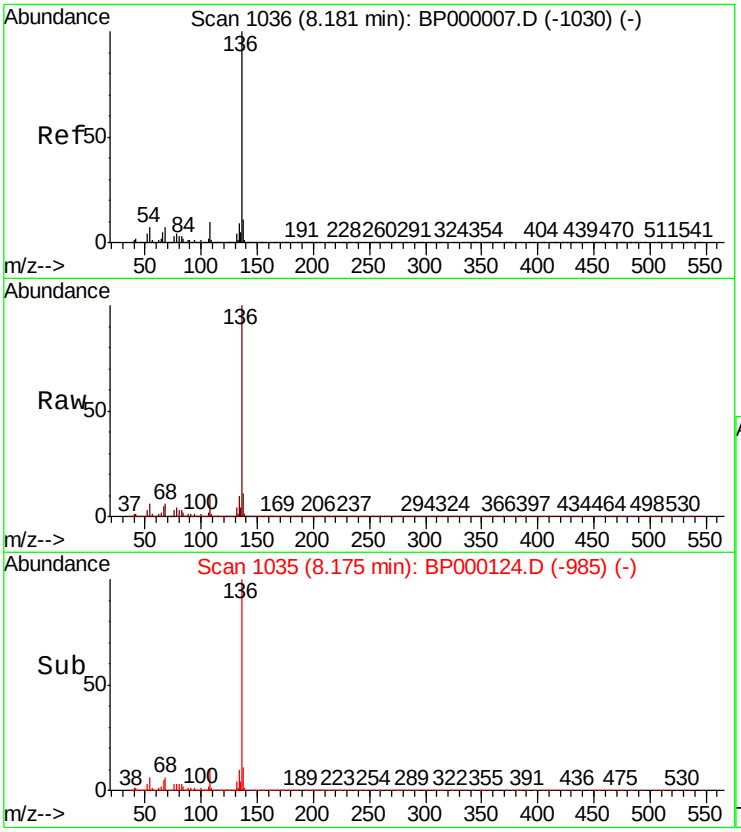


#19
n-Nitroso-di-n-propylamine
Concen: 5.091 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion: 70 Resp: 98691

Ion	Ratio	Lower	Upper
70	100		
42	34.3	33.8	50.6
101	0.1	8.7	13.1#
130	2.9	18.1	27.1#



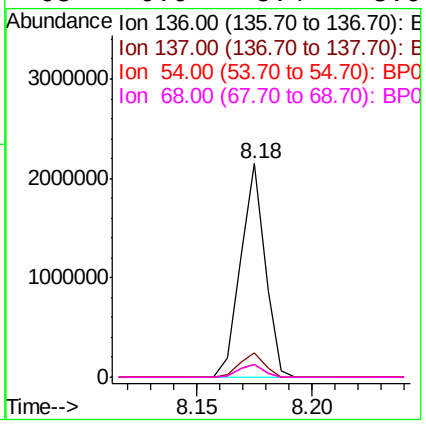


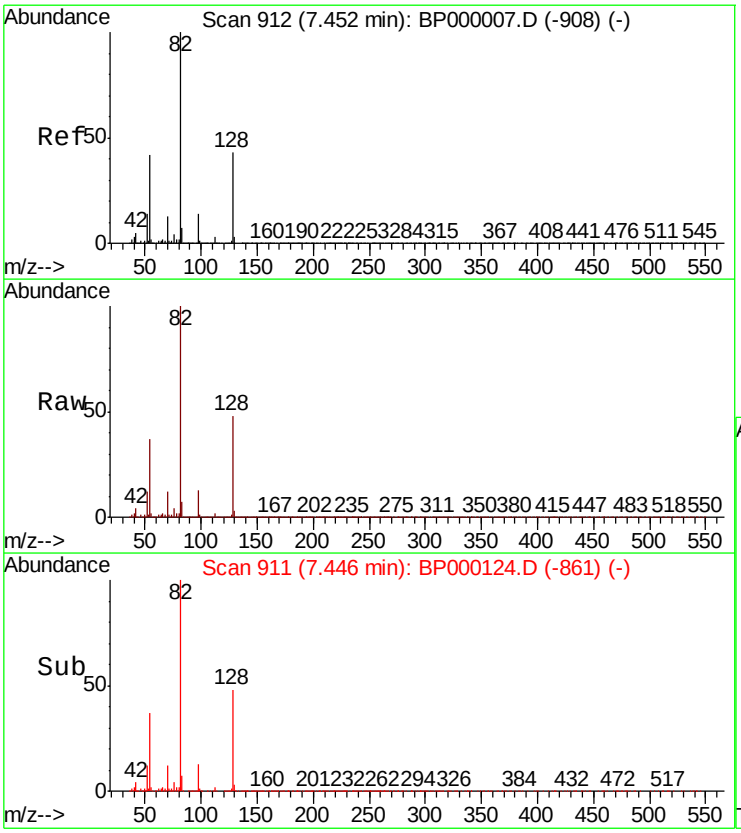
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 1604127

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.0	5.4	8.2
68	6.0	5.4	8.0

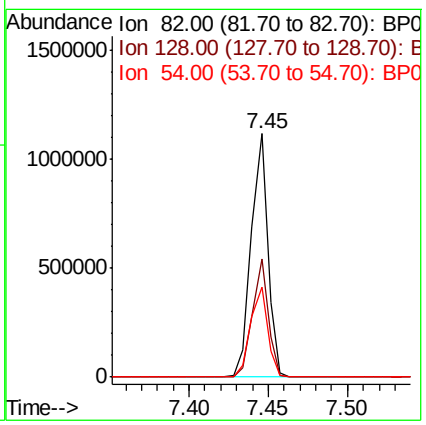


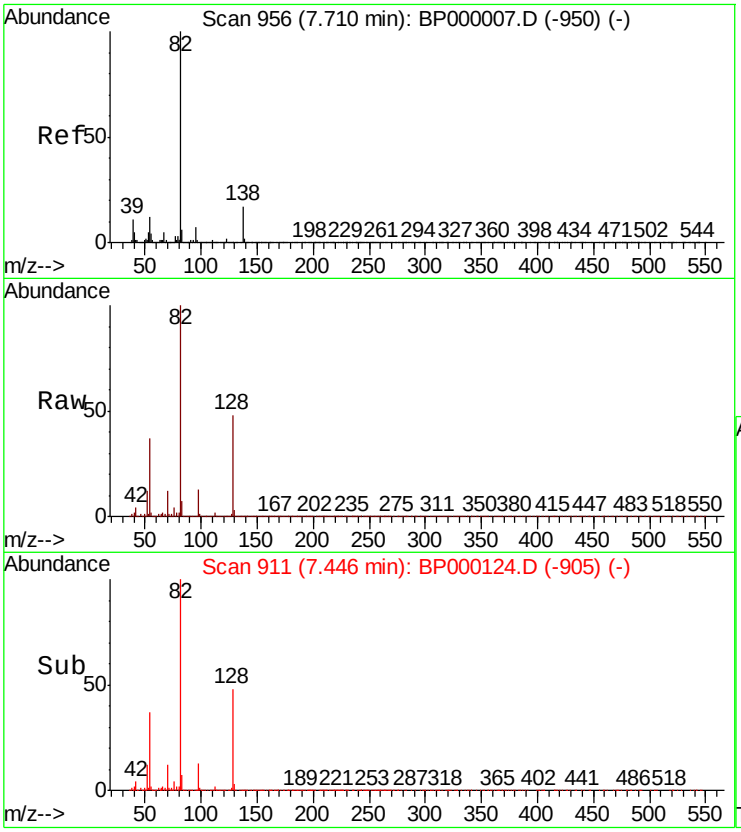


#23
Nitrobenzene-d5
Concen: 31.040 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion: 82 Resp: 811479

Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.5	51.7
54	37.1	33.2	49.8



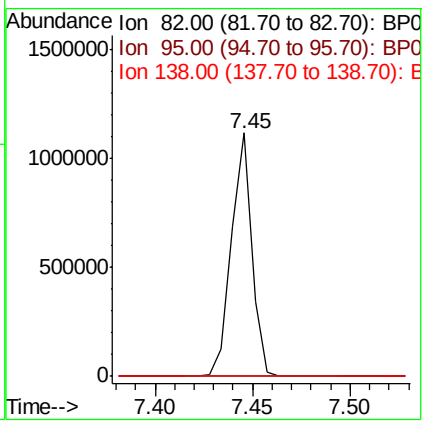


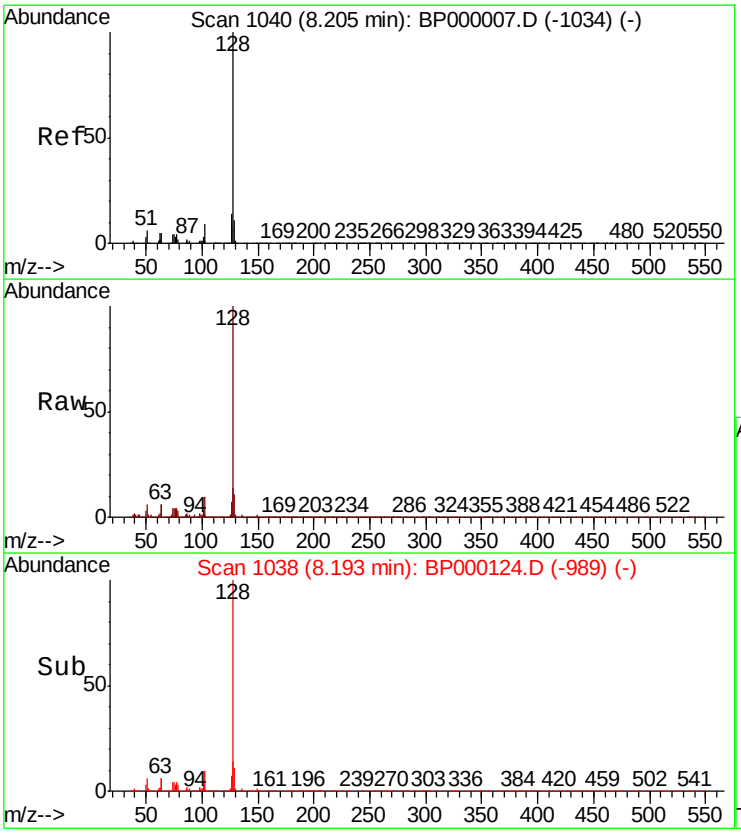
#25
Isophorone
Concen: 14.680 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 810921

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

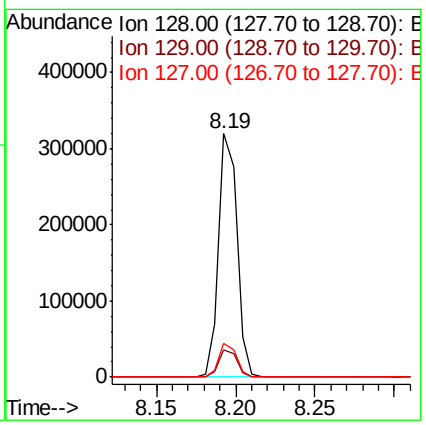


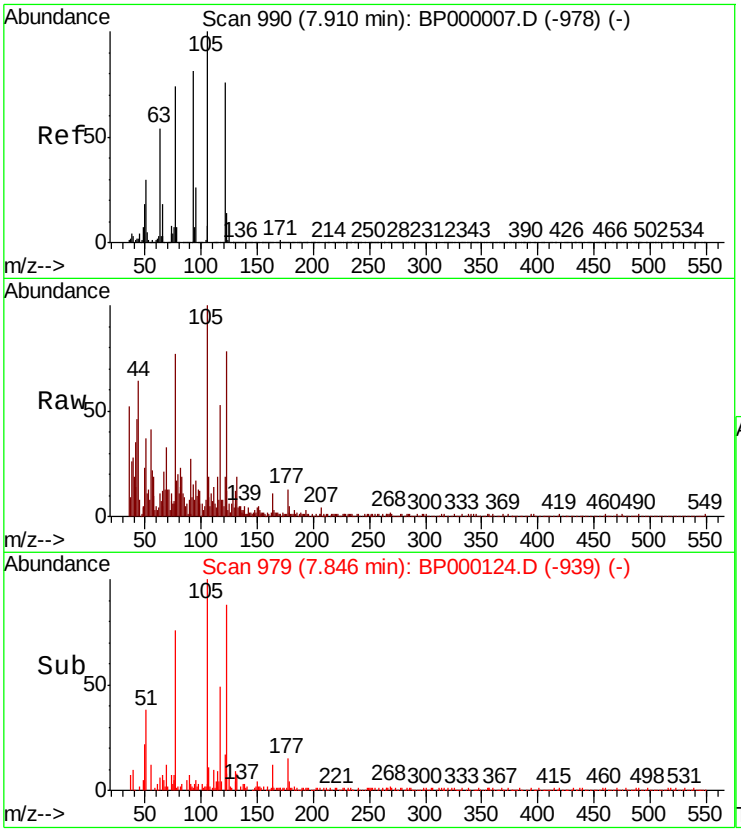


#31
Naphthalene
Concen: 3.488 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:128 Resp: 256747

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.6	11.0	16.6



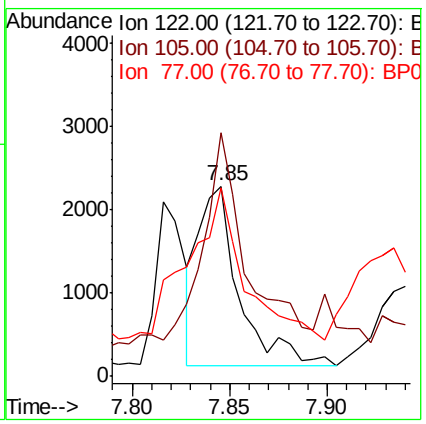


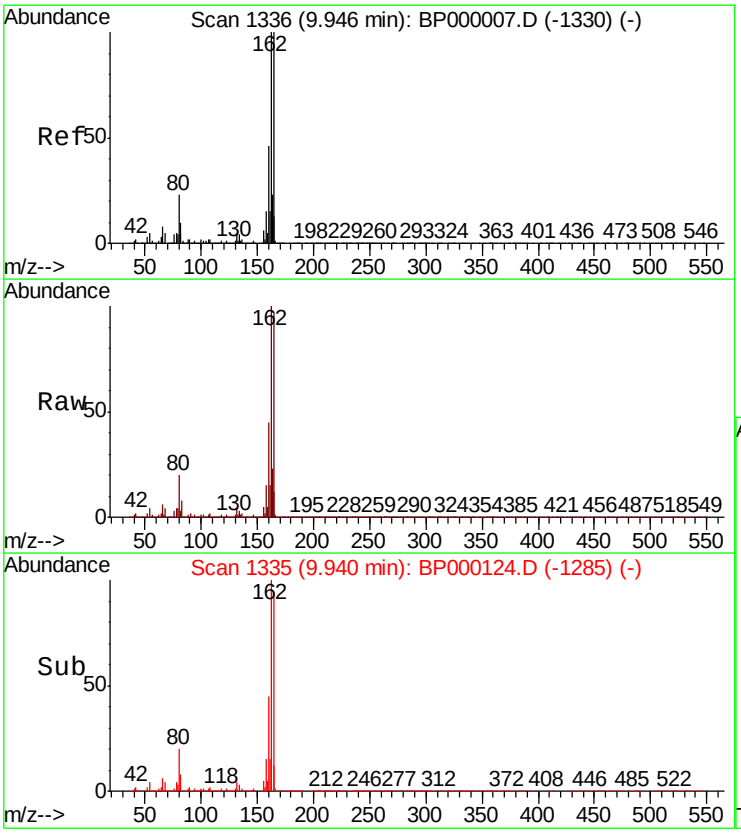
#32
Benzoic acid
Concen: 8.235 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.06 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:122 Resp: 3100

Ion	Ratio	Lower	Upper
122	100		
105	128.2	104.6	144.6
77	99.1	74.1	114.1

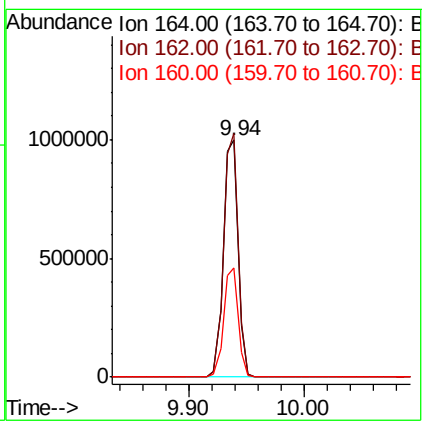


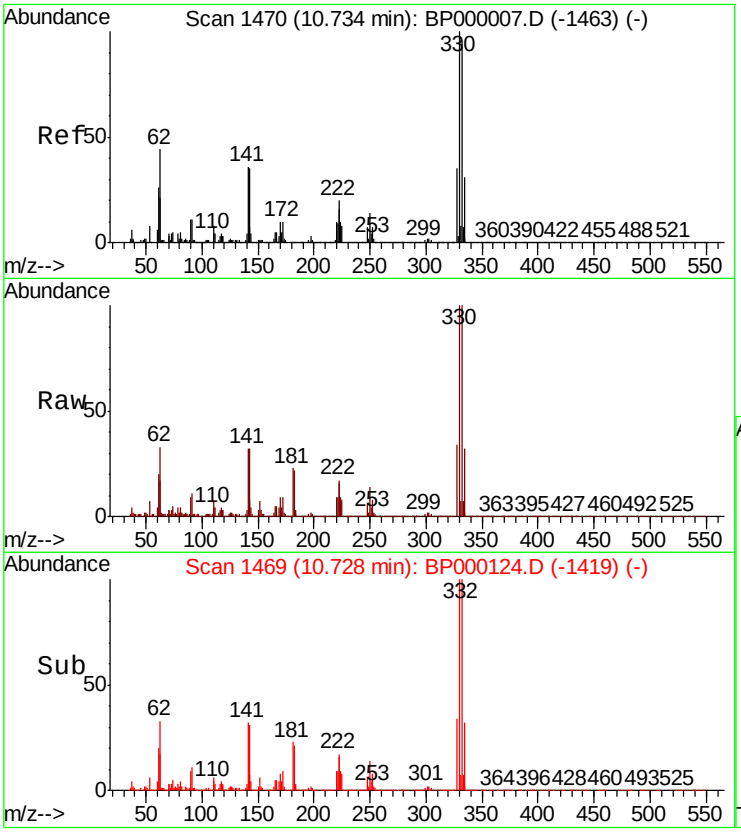


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:164 Resp: 881511

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.2	120.4
160	45.8	36.6	55.0



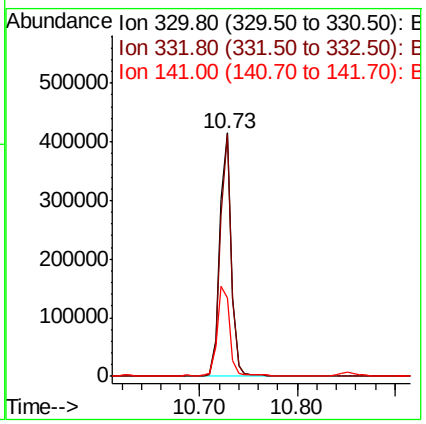


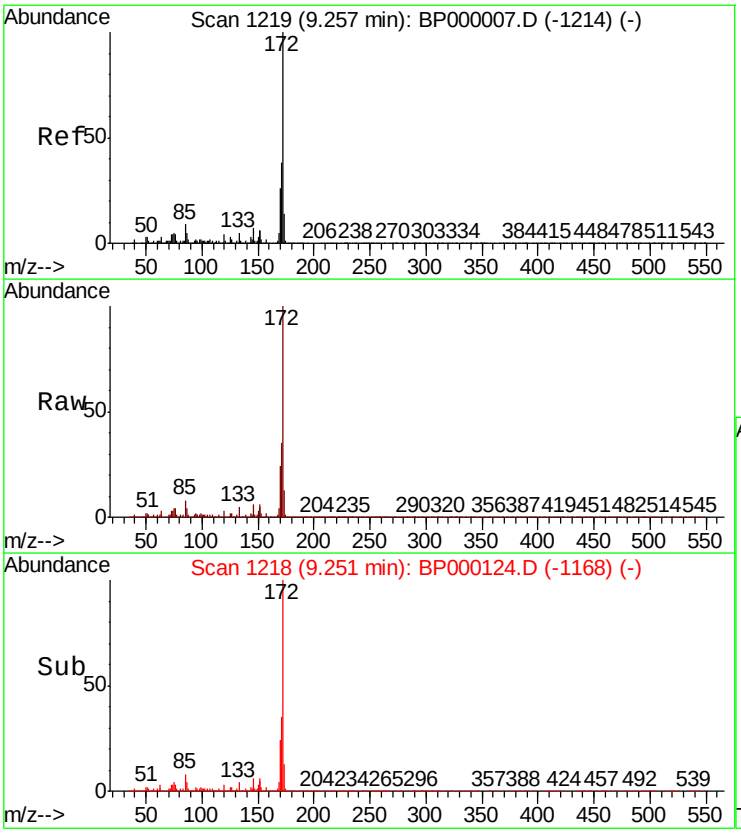
#42
2,4,6-Tribromophenol
Concen: 45.540 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 338377

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	38.3	33.6	50.4

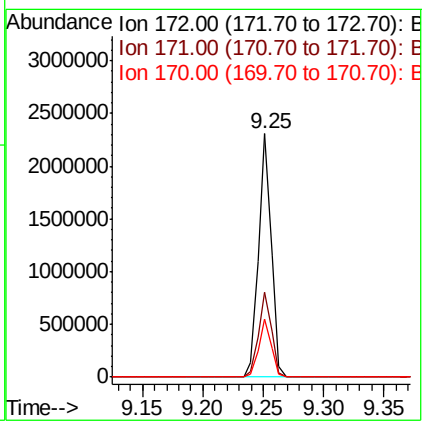


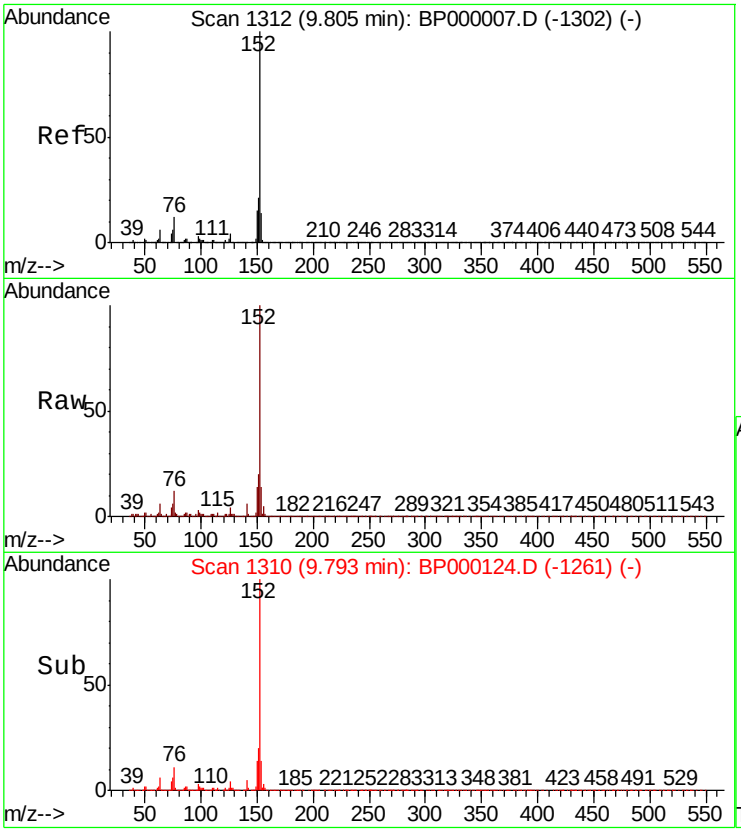


#45
2-Fluorobiphenyl
Concen: 32.205 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:172 Resp: 1699946

Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.7	46.1
170	23.9	20.7	31.1



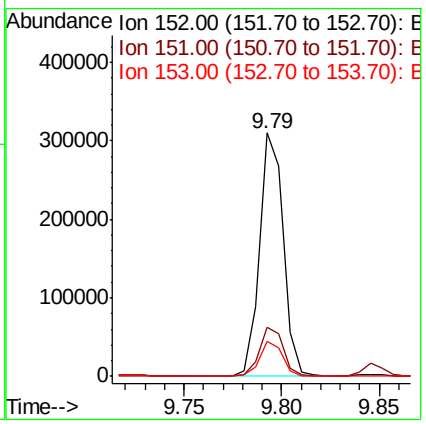


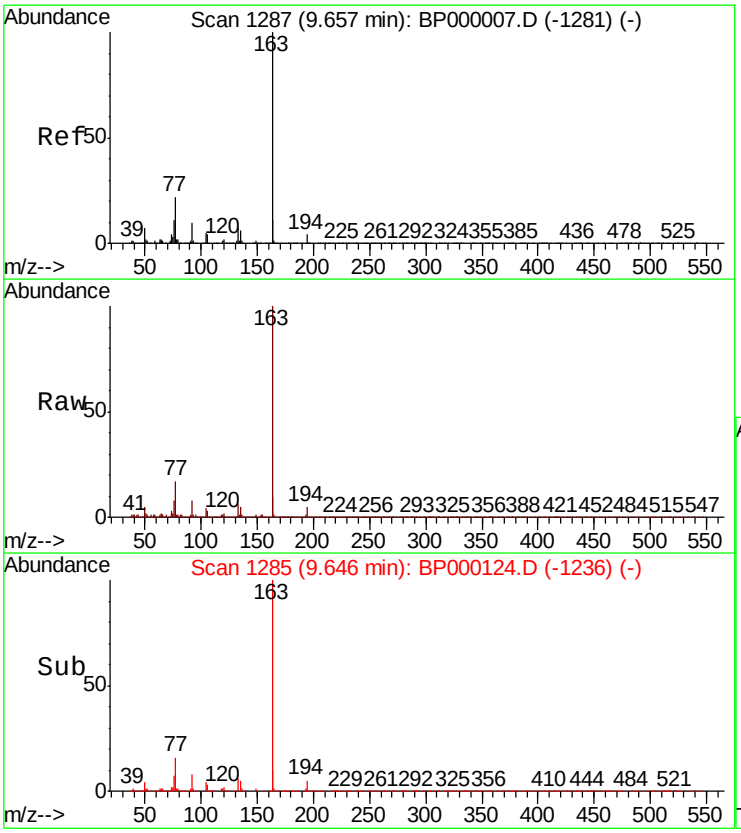
#49
Acenaphthylene
Concen: 3.407 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 261127

Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.0	25.6
153	14.3	11.0	16.6

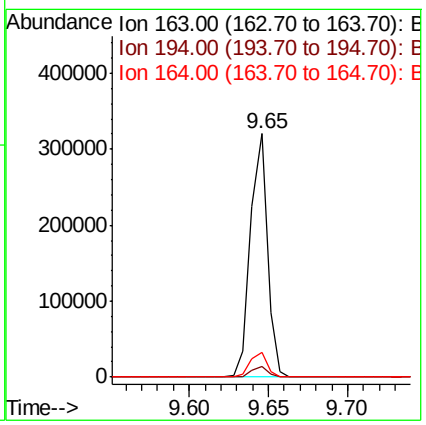


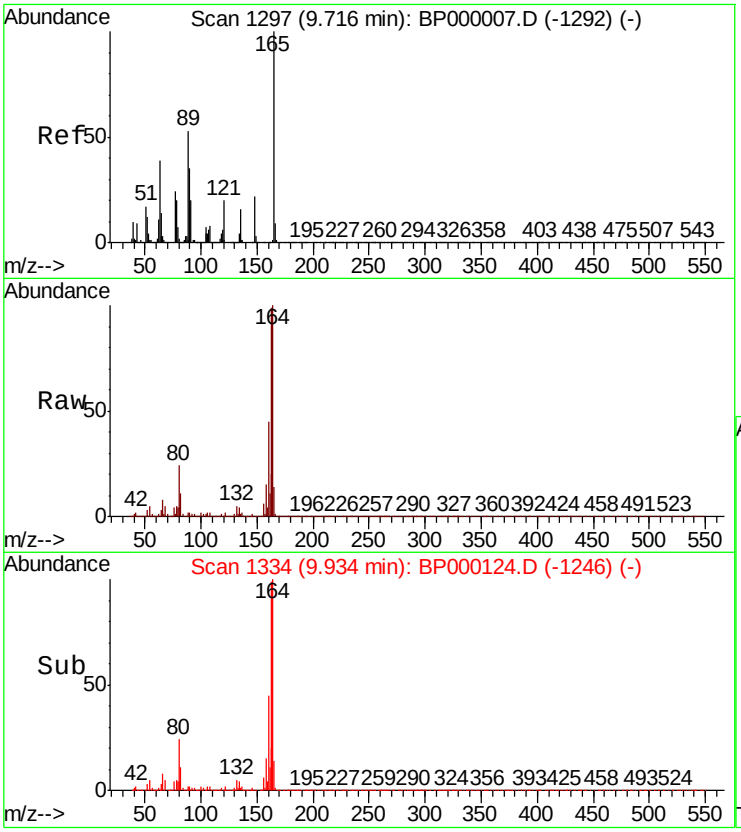


#50
Dimethylphthalate
Concen: 3.949 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:163 Resp: 237235

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.3	4.9
164	10.0	8.4	12.6



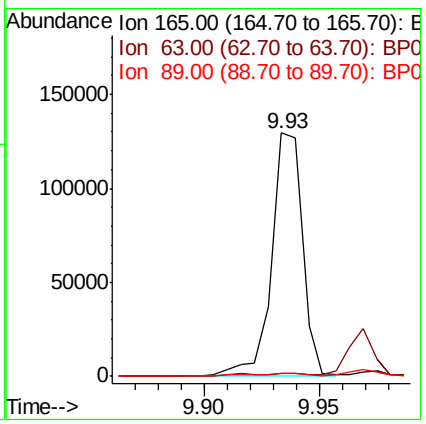


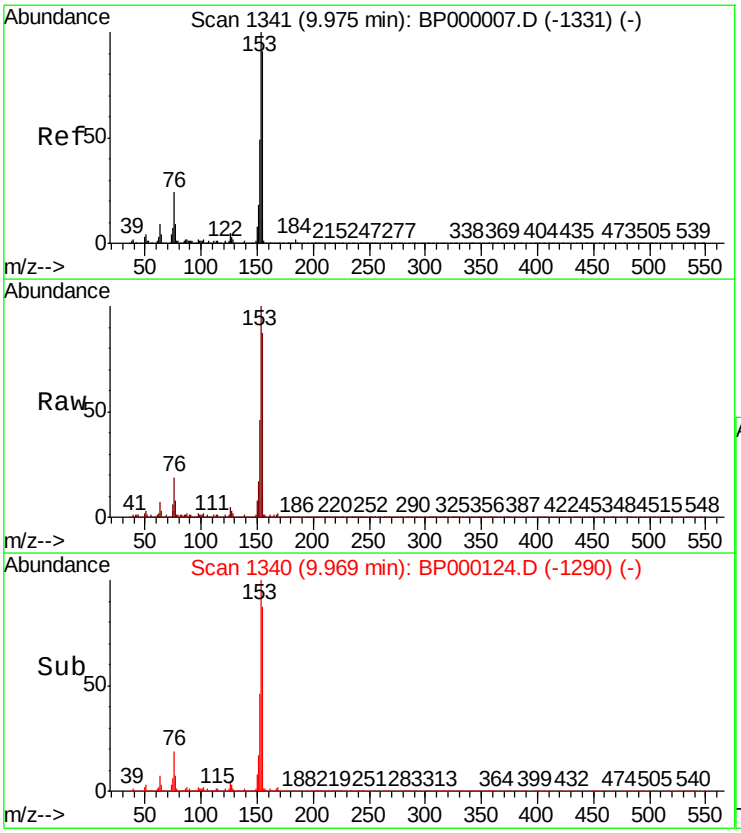
#51
2,6-Dinitrotoluene
Concen: 9.353 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 119251

Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.8	53.6#
89	1.4	42.2	63.4#

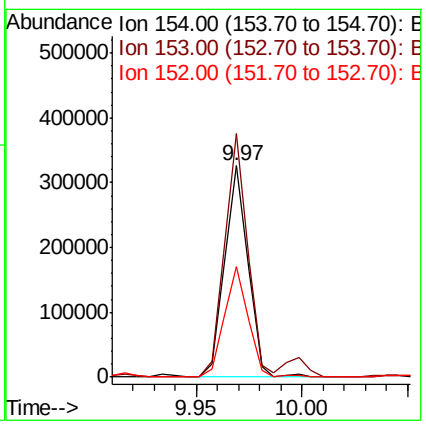


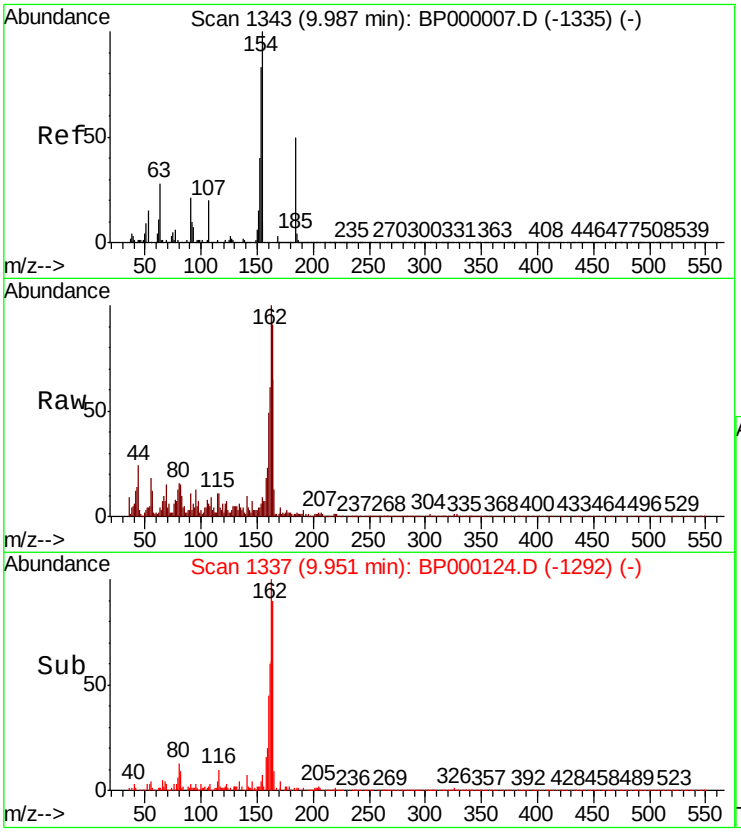


#52
Acenaphthene
Concen: 5.145 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:154 Resp: 247467

Ion	Ratio	Lower	Upper
154	100		
153	115.1	88.2	132.2
152	52.5	42.9	64.3



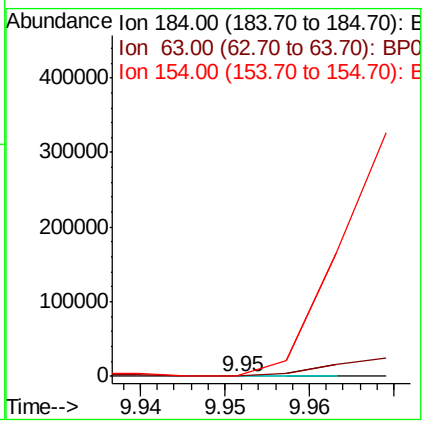


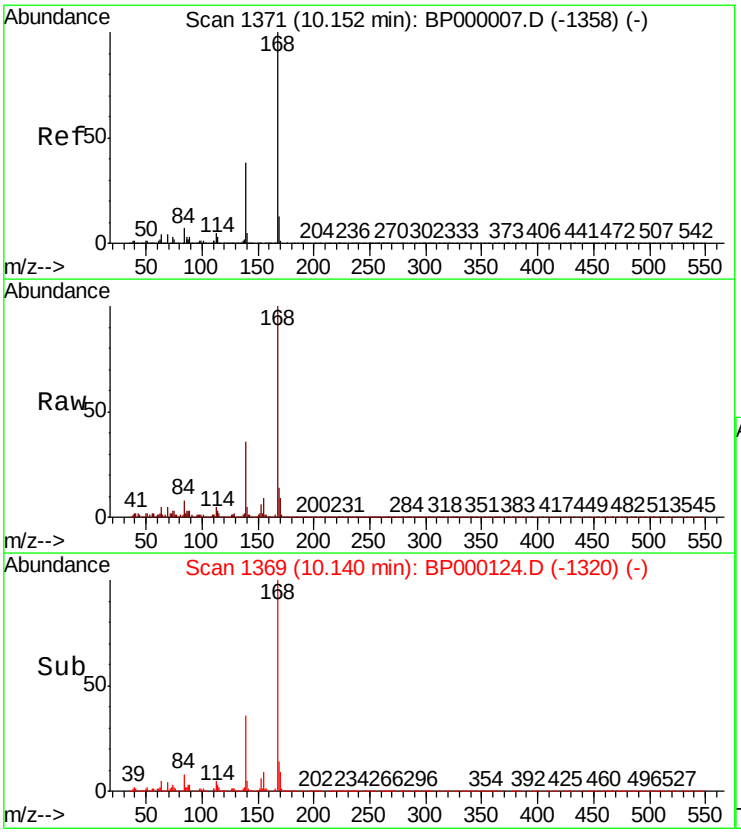
#54
2,4-Dinitrophenol
Concen: 8.657 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.03 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:184 Resp: 47

Ion	Ratio	Lower	Upper
184	100		
63	529.4	46.0	69.0#
154	1045.4	161.9	242.9#

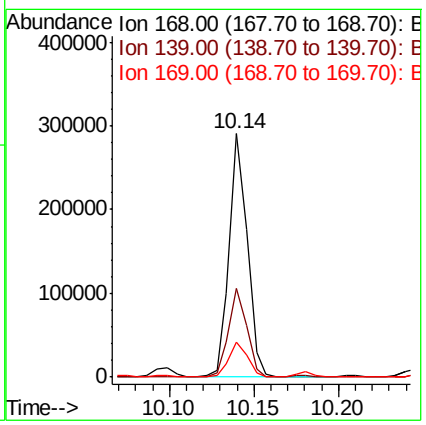


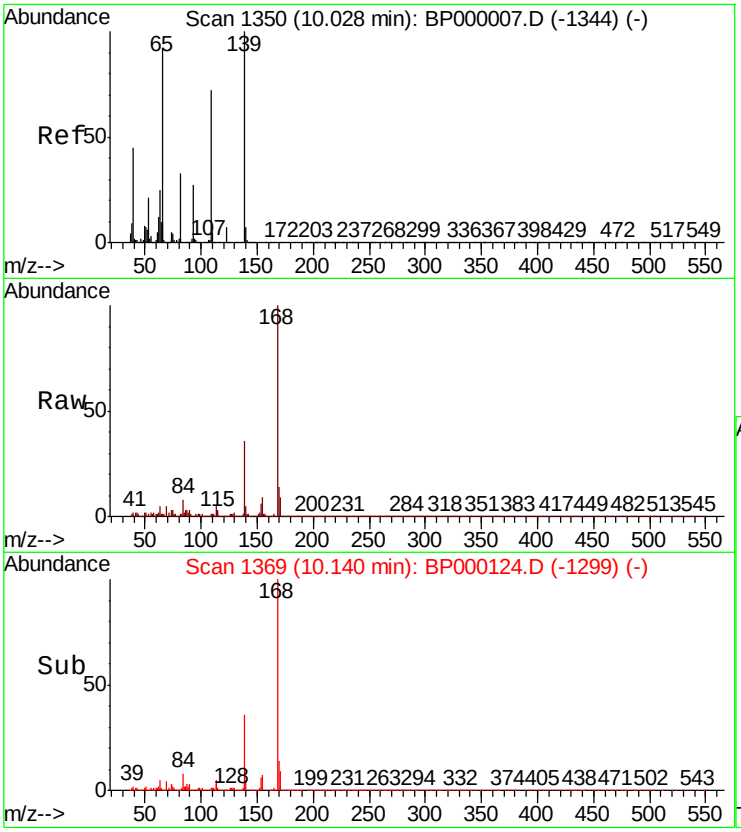


#55
Dibenzofuran
Concen: 3.143 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:168 Resp: 214665

Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.2	45.2
169	14.2	10.7	16.1



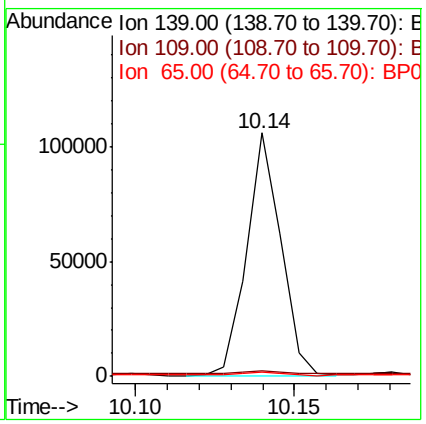


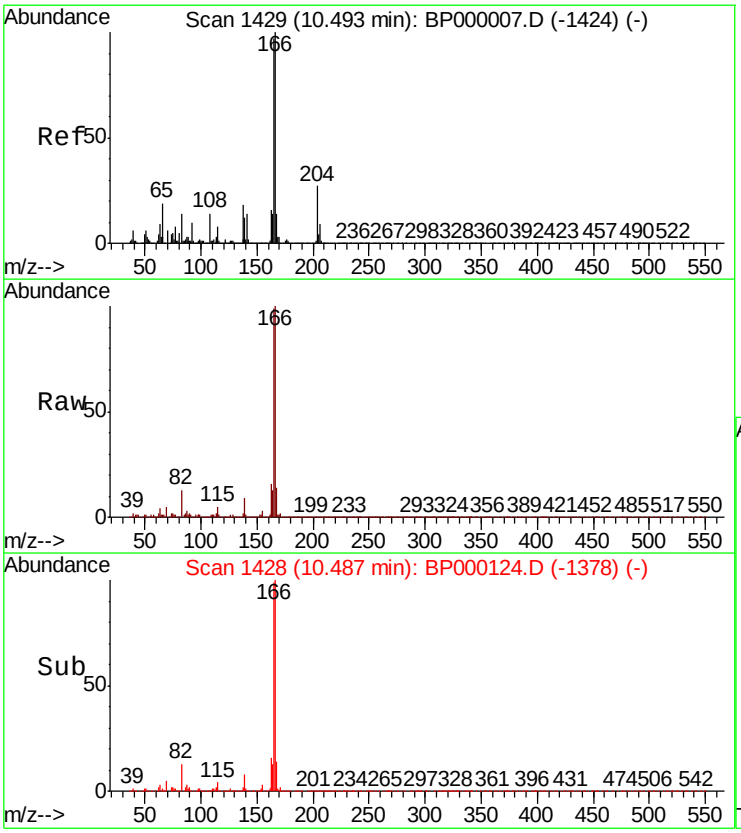
#56
4-Nitrophenol
Concen: 7.256 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.11 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:139 Resp: 78994

Ion	Ratio	Lower	Upper
139	100		
109	2.3	52.4	92.4#
65	1.8	72.2	112.2#

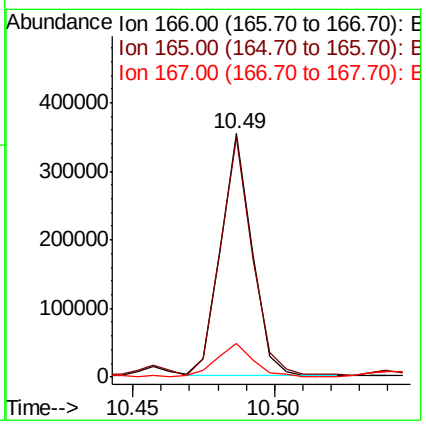


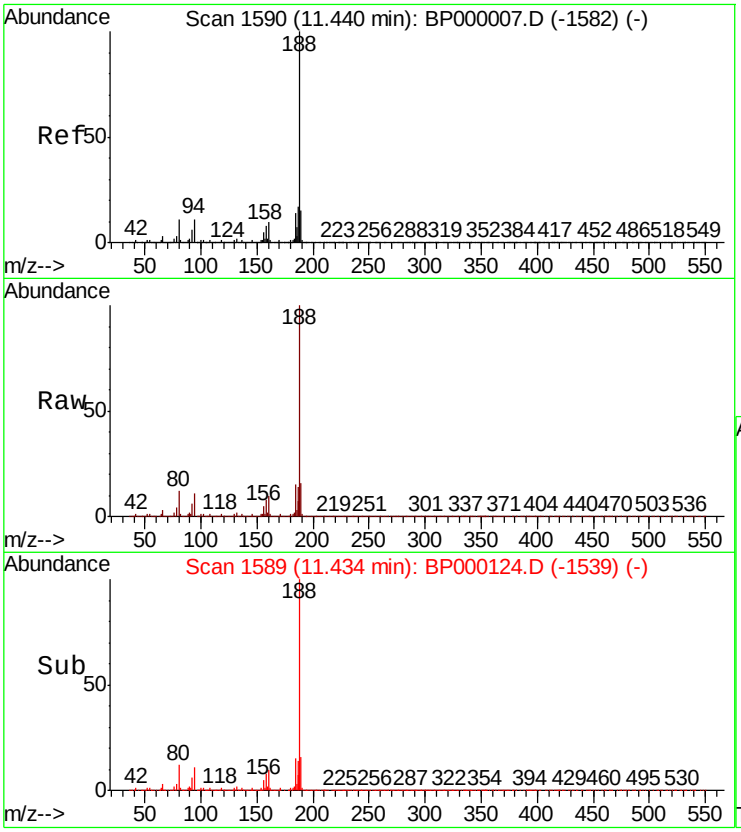


#58
Fluorene
Concen: 5.273 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:166 Resp: 271059

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.3	115.9
167	14.0	11.0	16.6



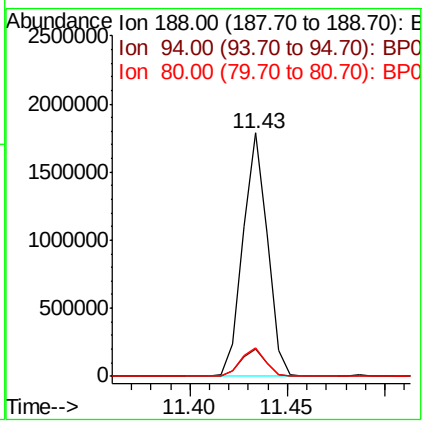


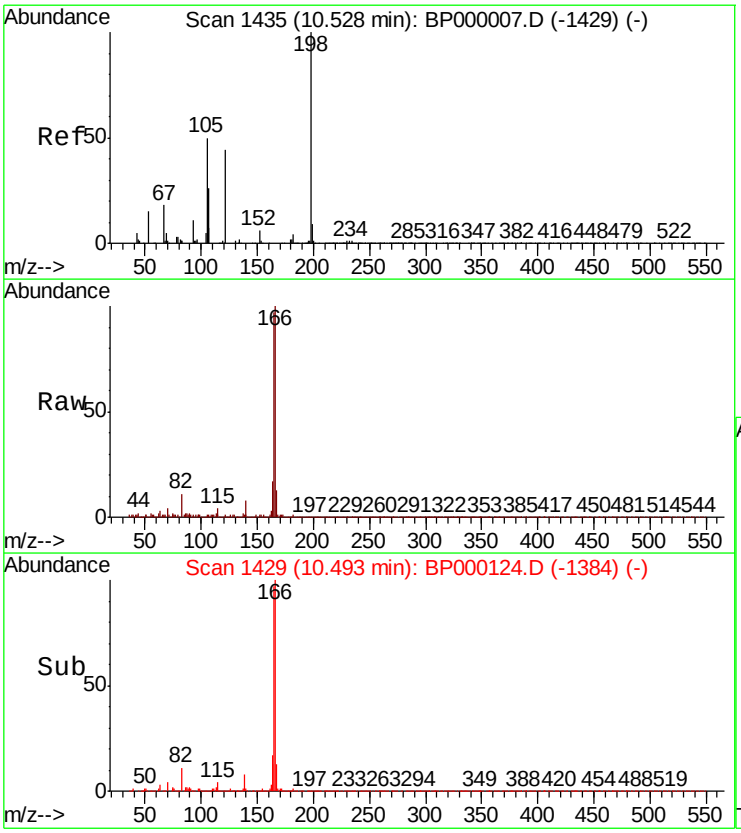
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 1551819

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.8	13.2
80	11.8	9.0	13.6

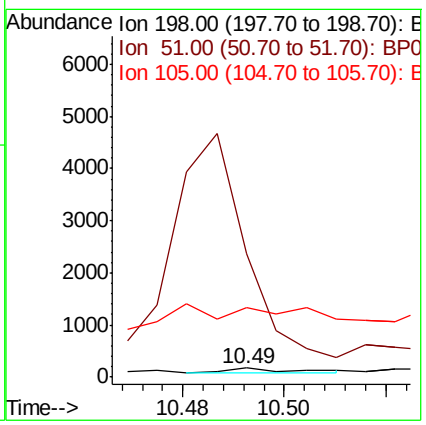


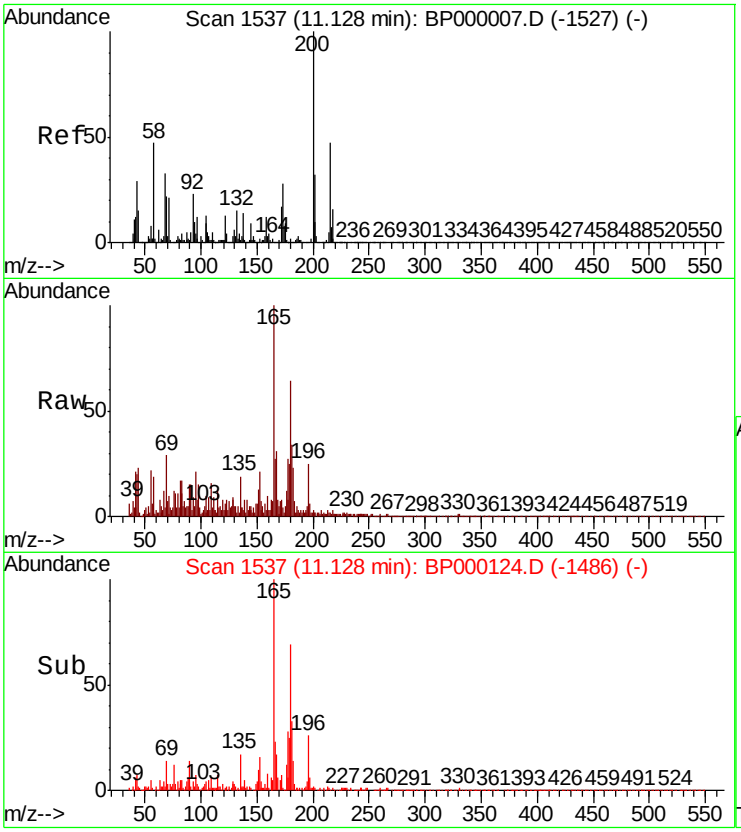


#65
4,6-Dinitro-2-methylphenol
Concen: 7.735 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.04 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:198 Resp: 78

Ion	Ratio	Lower	Upper
198	100		
51	1331.1	22.1	62.1#
105	747.5	32.0	72.0#



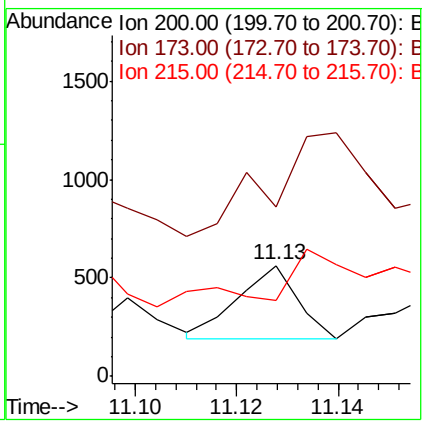


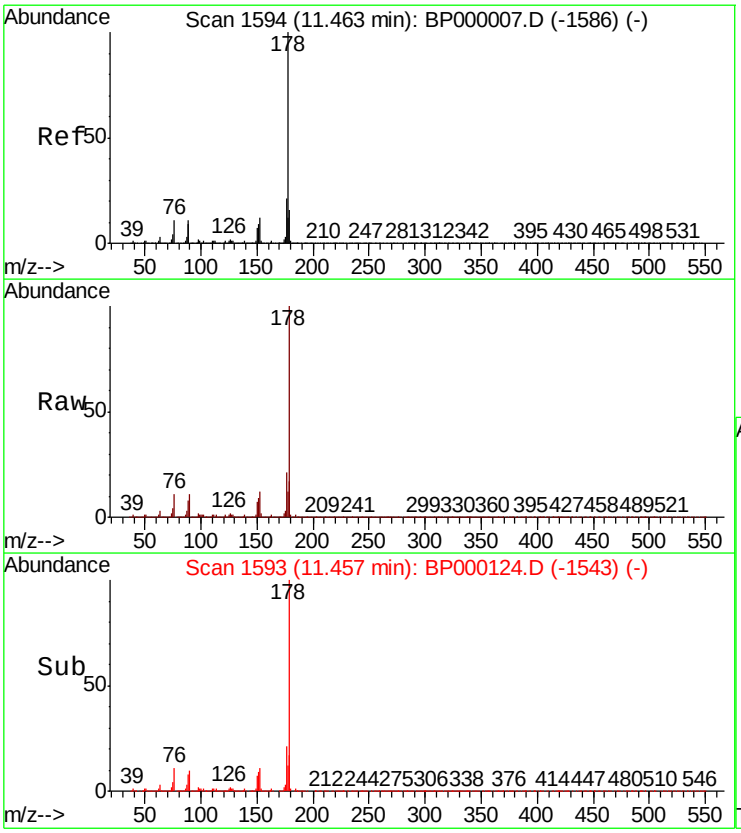
#69
Atrazine
Concen: Below Cal
RT: 11.13 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:200 Resp: 302

Ion	Ratio	Lower	Upper
200	100		
173	152.7	8.1	48.1#
215	68.6	26.7	66.7#

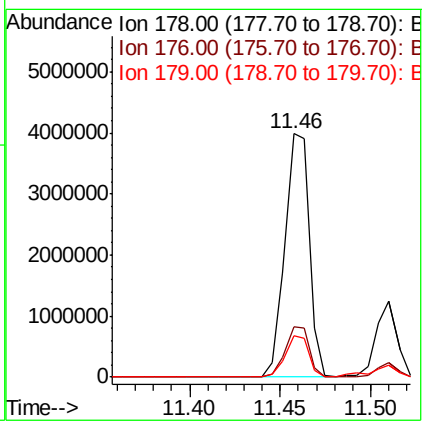


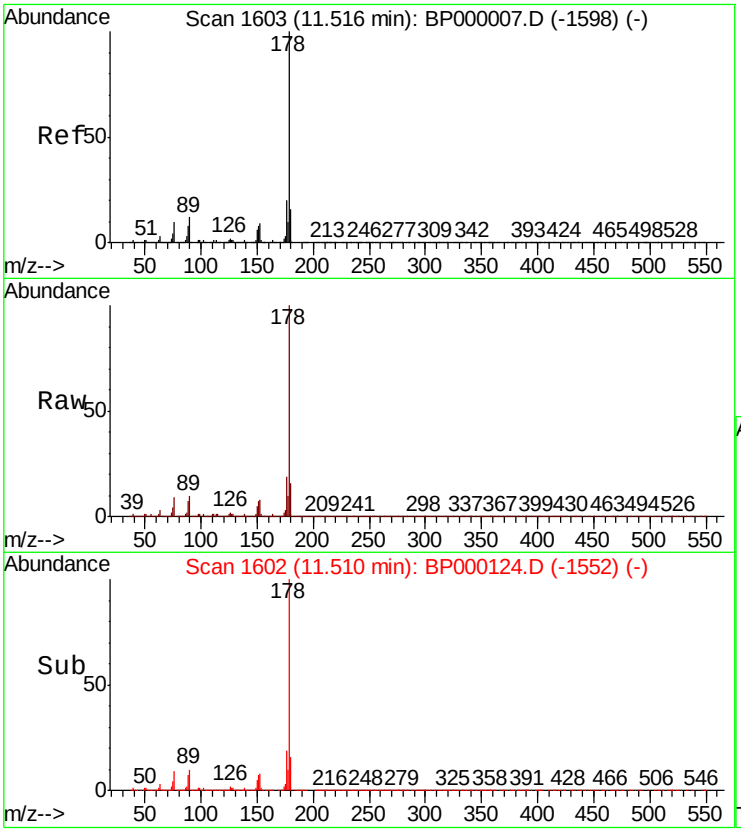


#71
Phenanthrene
Concen: 48.798 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:178 Resp: 3774310

Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.7	25.1
179	16.9	13.1	19.7



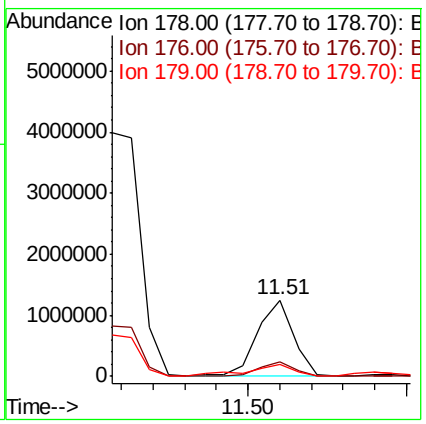


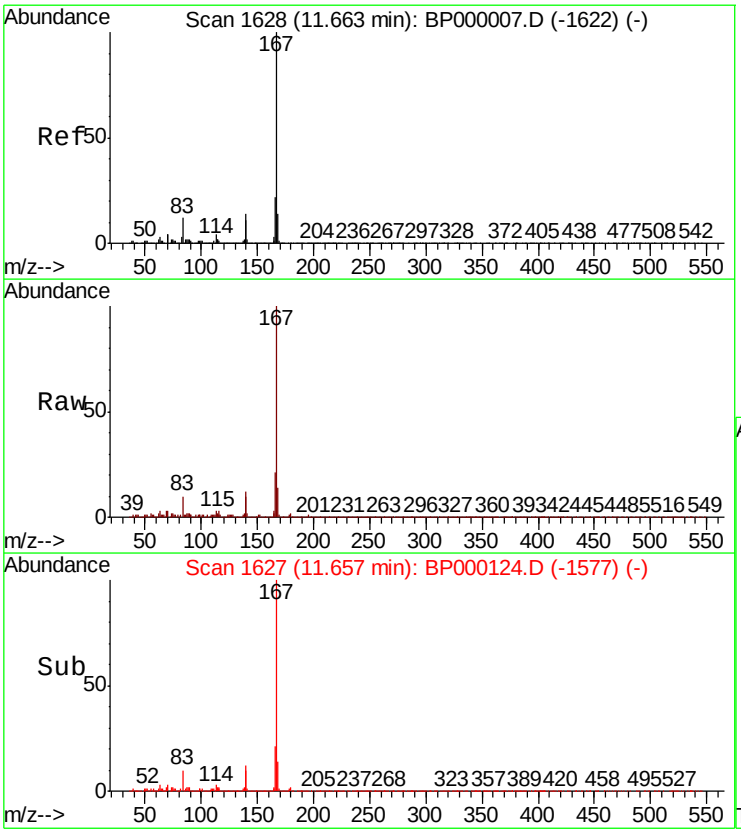
#72
Anthracene
Concen: 12.978 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 991587

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.9	13.0	19.6

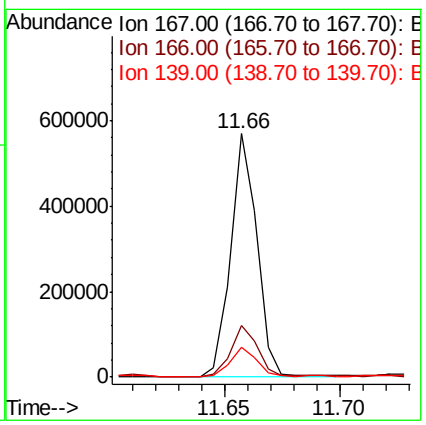


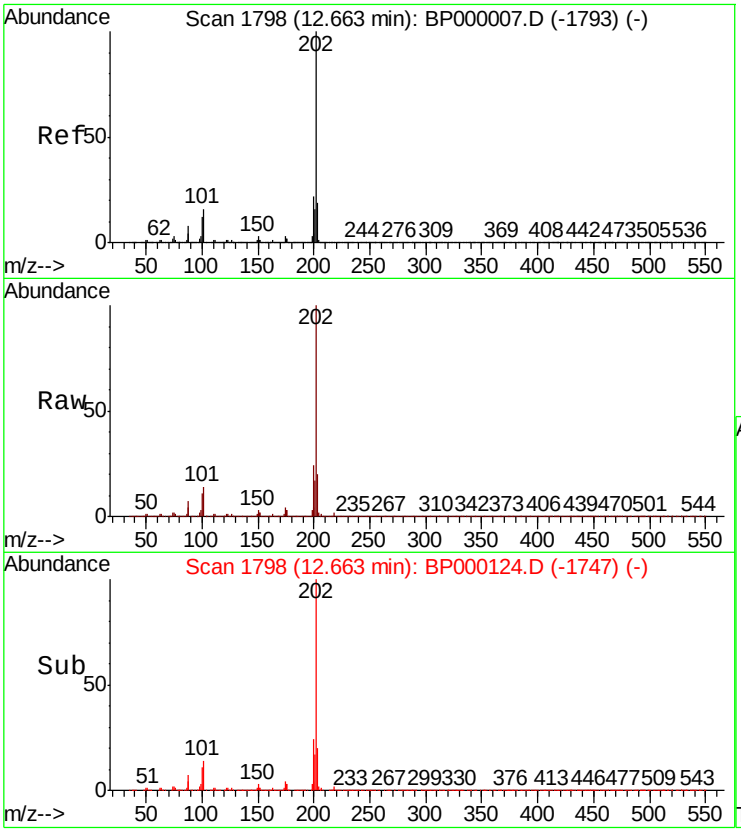


#73
Carbazole
Concen: 6.210 ng
RT: 11.66 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:167 Resp: 447871

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.9	26.9
139	12.4	11.4	17.2



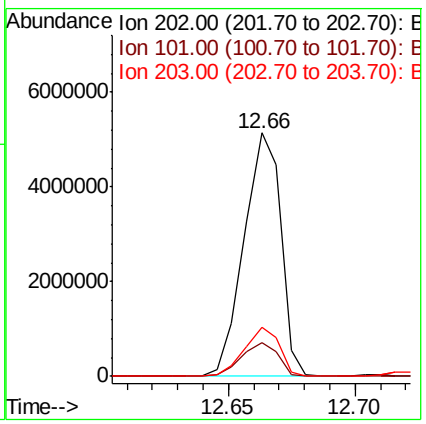


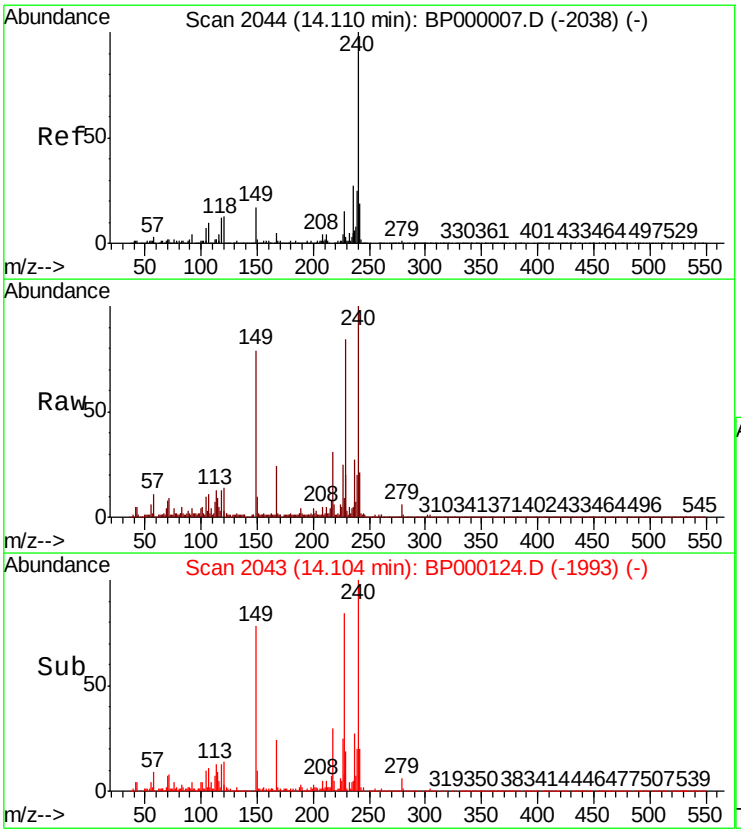
#75
Fluoranthene
Concen: 61.742 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 5189412

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	36.4
203	20.1	0.0	38.7

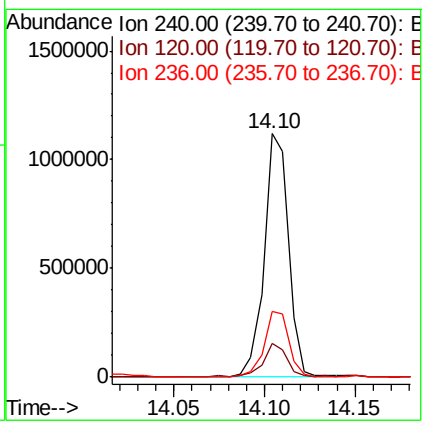


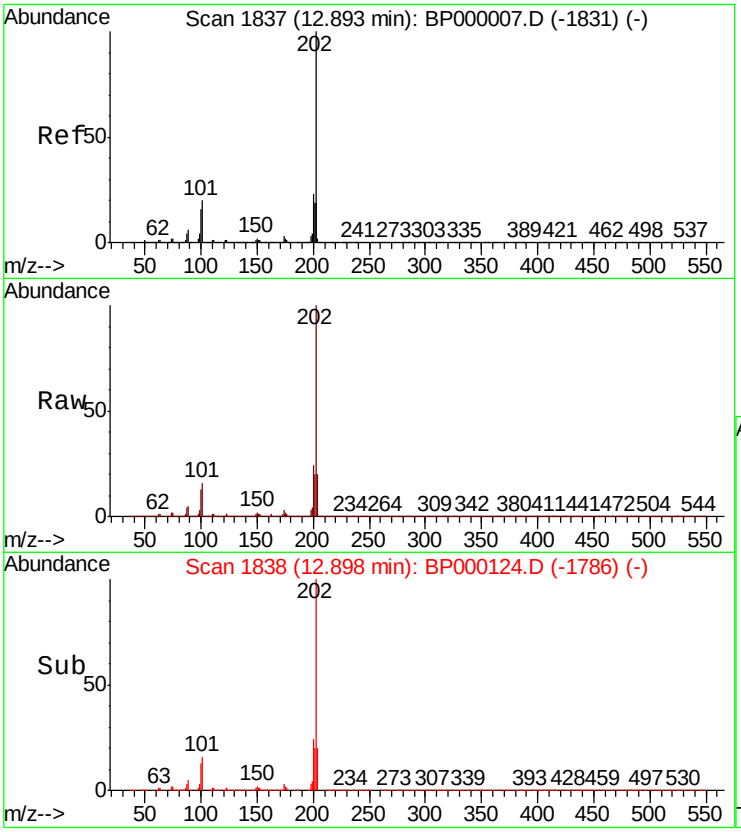


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:240 Resp: 1040154

Ion	Ratio	Lower	Upper
240	100		
120	17.2	10.5	15.7#
236	27.1	21.5	32.3



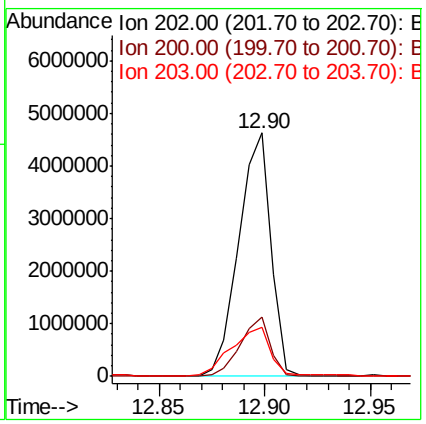


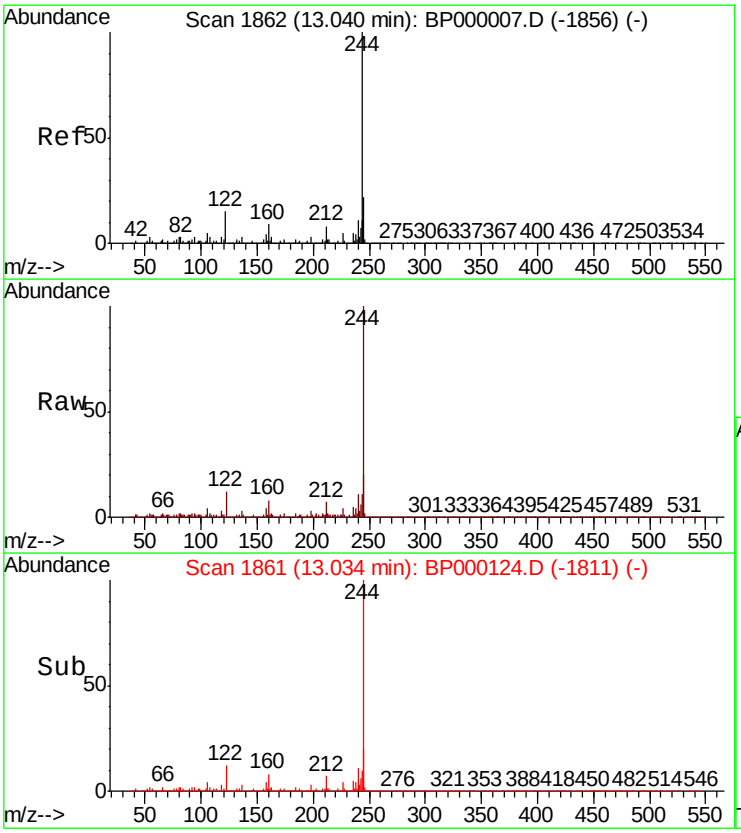
#78
Pyrene
Concen: 63.744 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 4877741

Ion	Ratio	Lower	Upper
202	100		
200	24.2	18.5	27.7
203	20.0	15.1	22.7

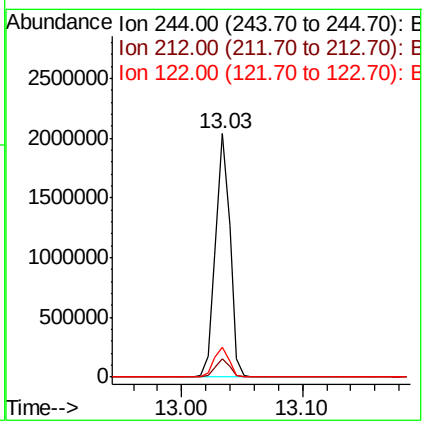


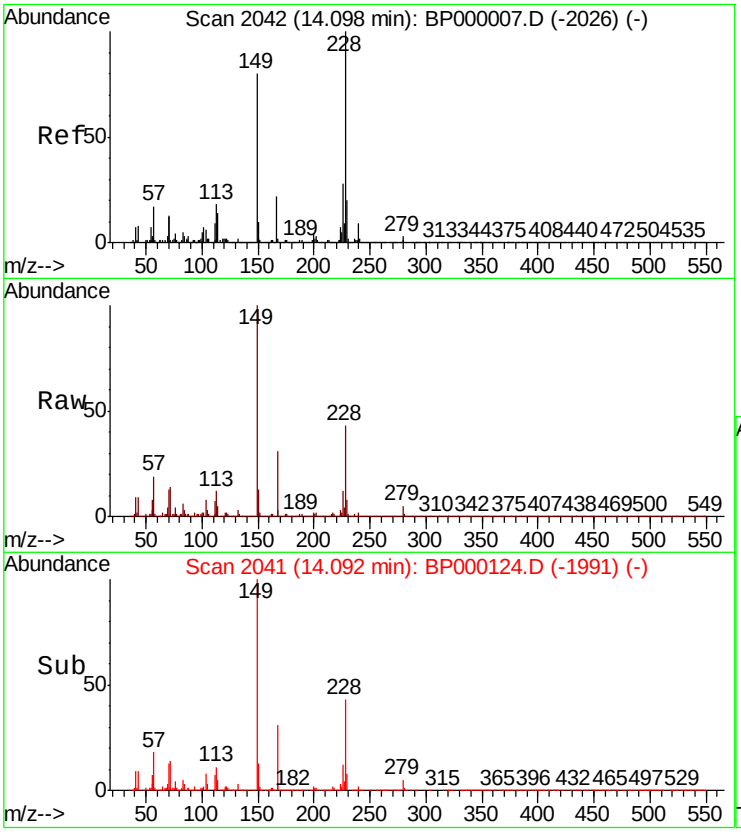


#79
Terphenyl-d14
Concen: 34.685 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:244 Resp: 1655247

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	10.0
122	12.2	12.3	18.5#



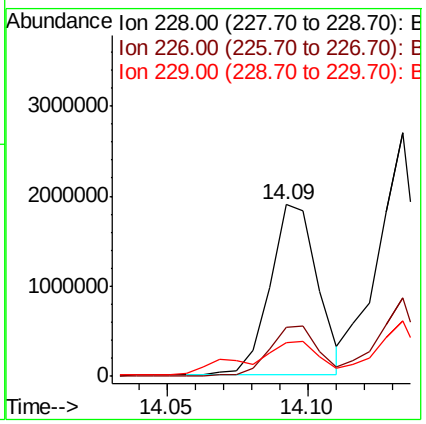


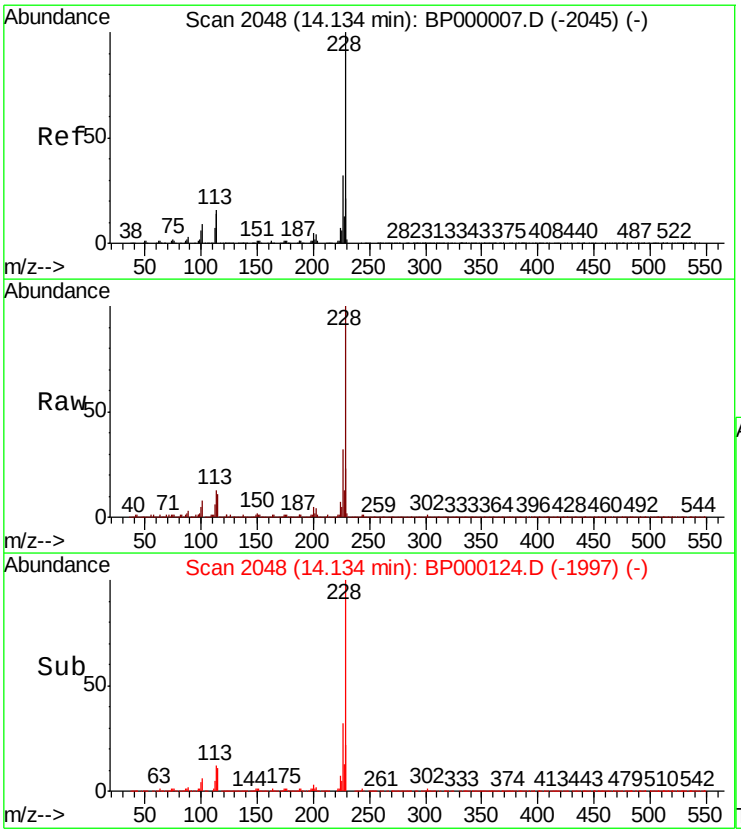
#81
Benzo(a)anthracene
Concen: 32.961 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 2221633

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.5	33.7
229	19.5	16.2	24.2

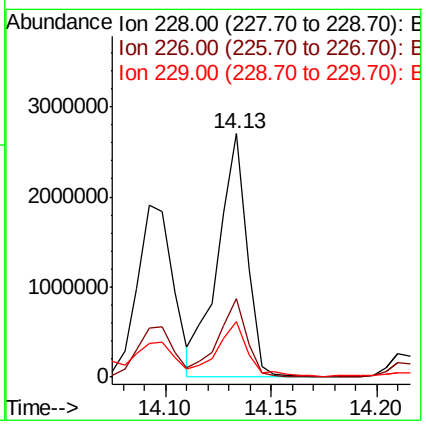


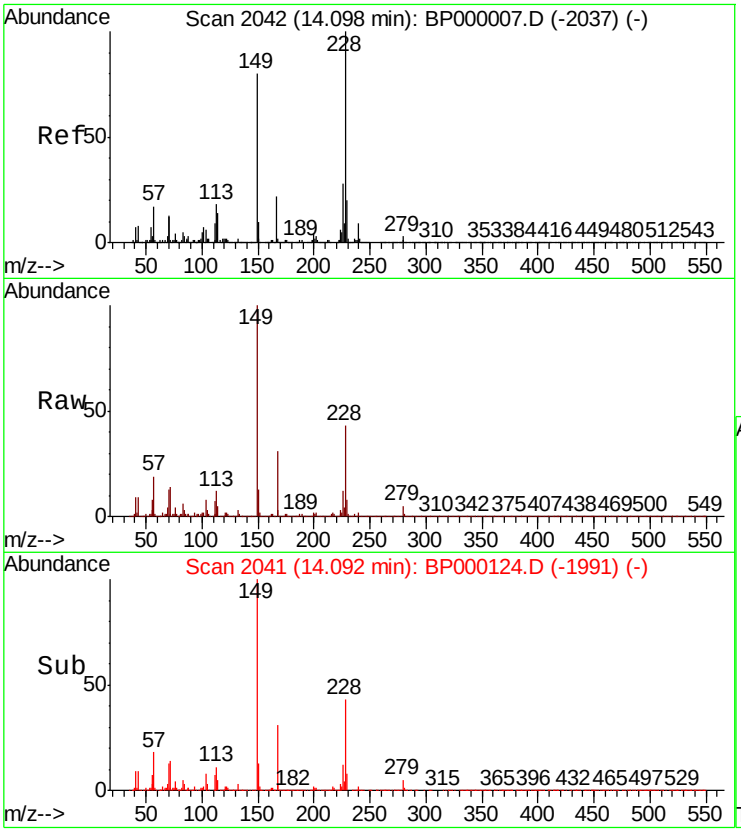


#83
Chrysene
Concen: 39.873 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:228 Resp: 2542013

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.5	38.3
229	22.6	16.5	24.7



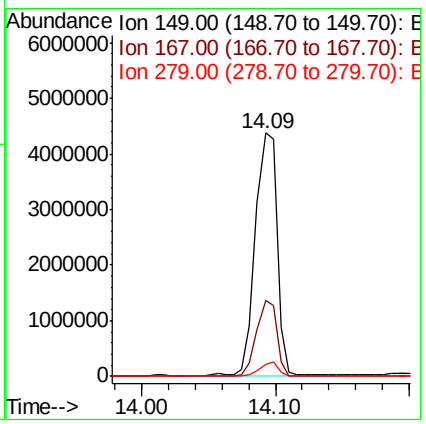


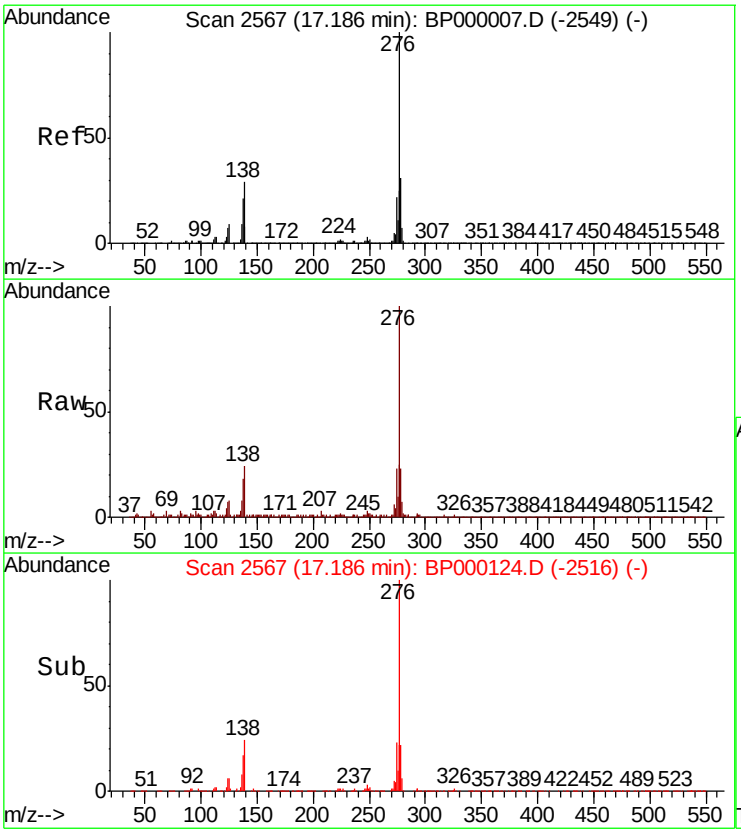
#84
Bis(2-ethylhexyl)phthalate
Concen: 109.912 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 4876713

Ion	Ratio	Lower	Upper
149	100		
167	31.4	22.4	33.6
279	5.1	3.1	4.7#

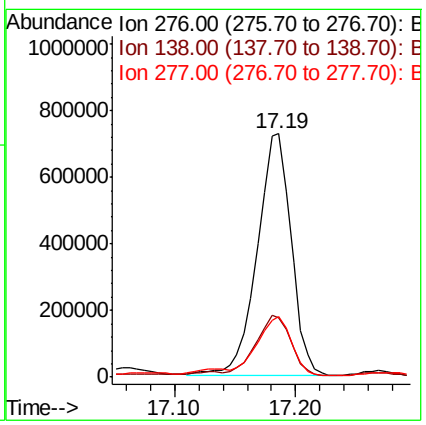


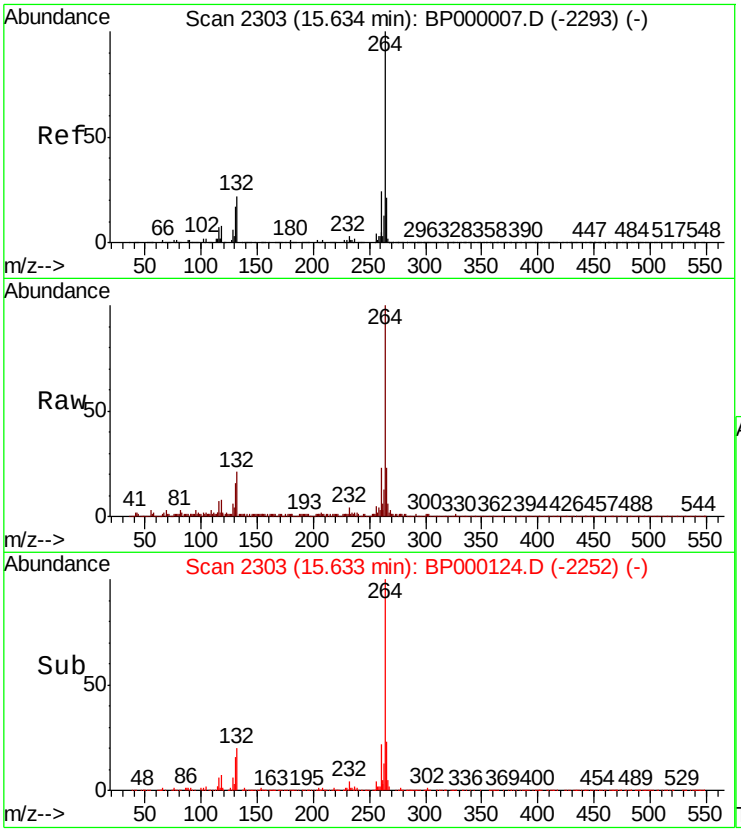


#86
Indeno(1,2,3-cd)pyrene
Concen: 17.679 ng
RT: 17.19 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:276 Resp: 1412332

Ion	Ratio	Lower	Upper
276	100		
138	26.9	26.5	39.7
277	24.9	20.3	30.5



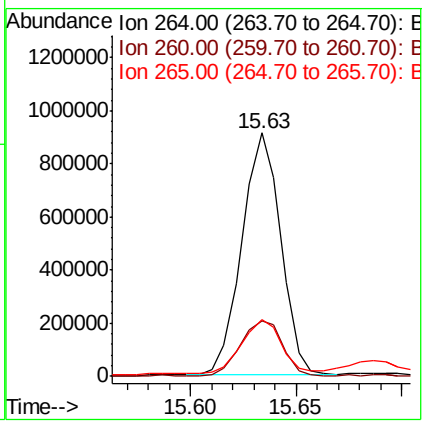


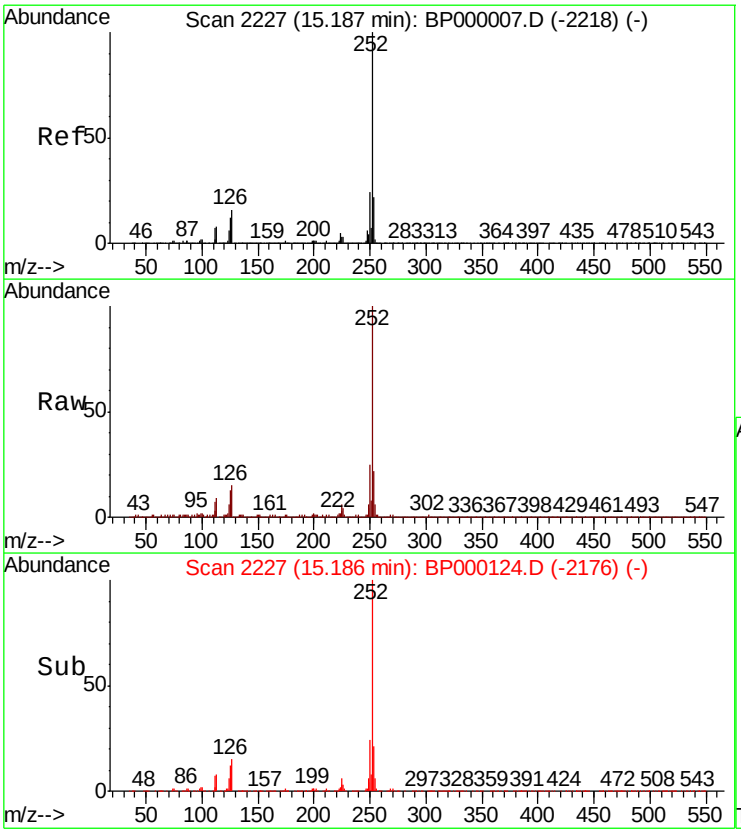
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 1169988

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.1	28.7
265	23.1	17.1	25.7

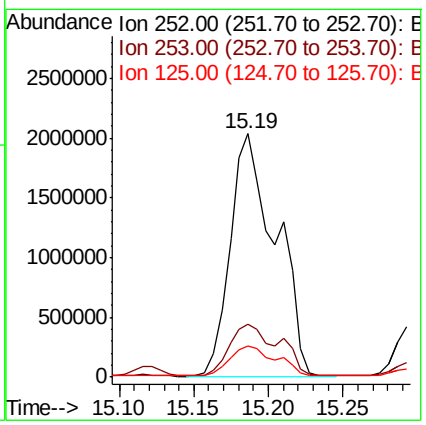


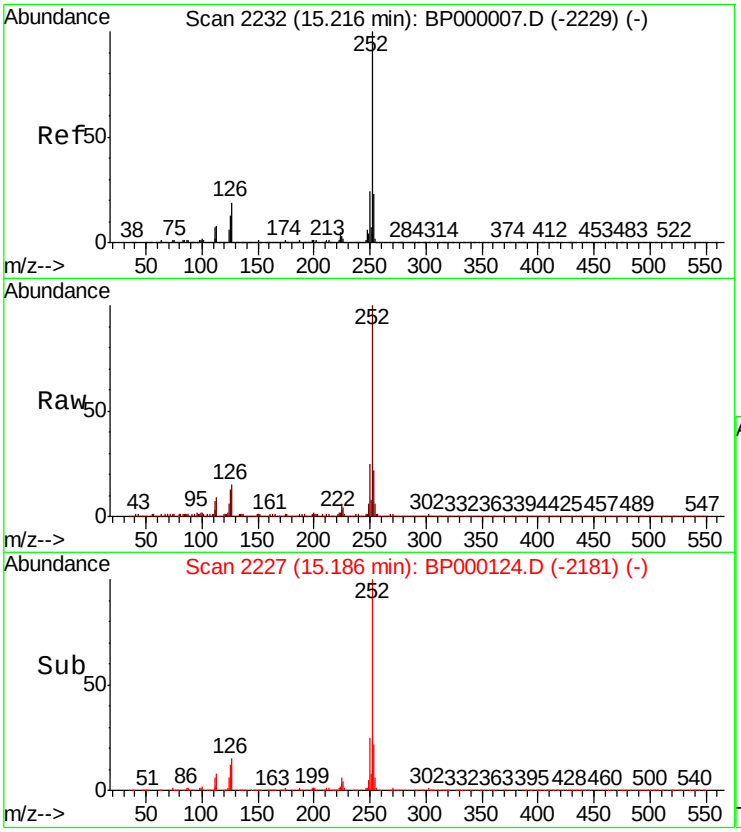


#88
Benzo(b)fluoranthene
Concen: 60.298 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:252 Resp: 4309209

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	13.0	9.4	14.2



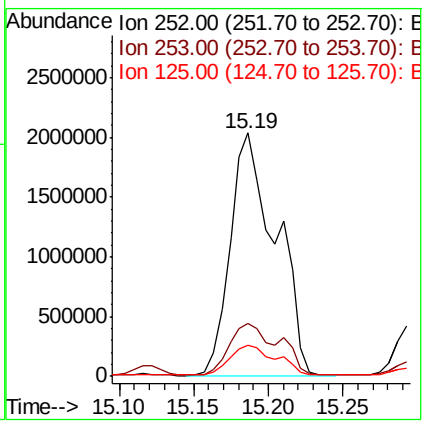


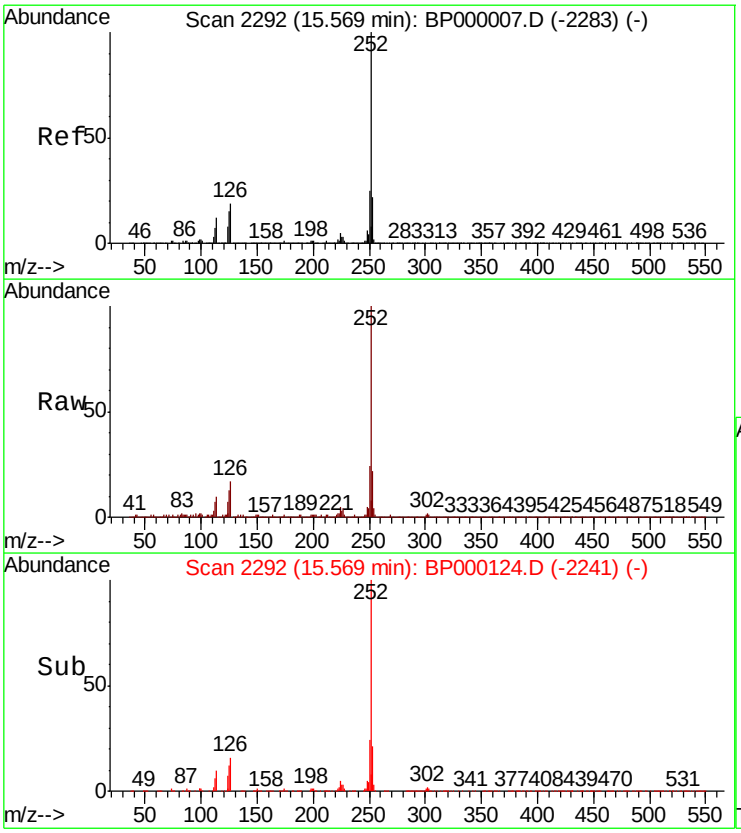
#89
Benzo(k)fluoranthene
Concen: 65.892 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.03 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 4309209

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	13.0	10.3	15.5

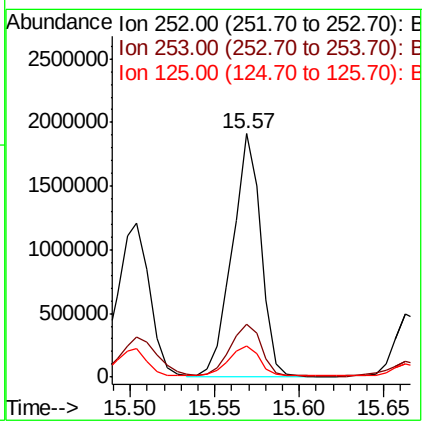


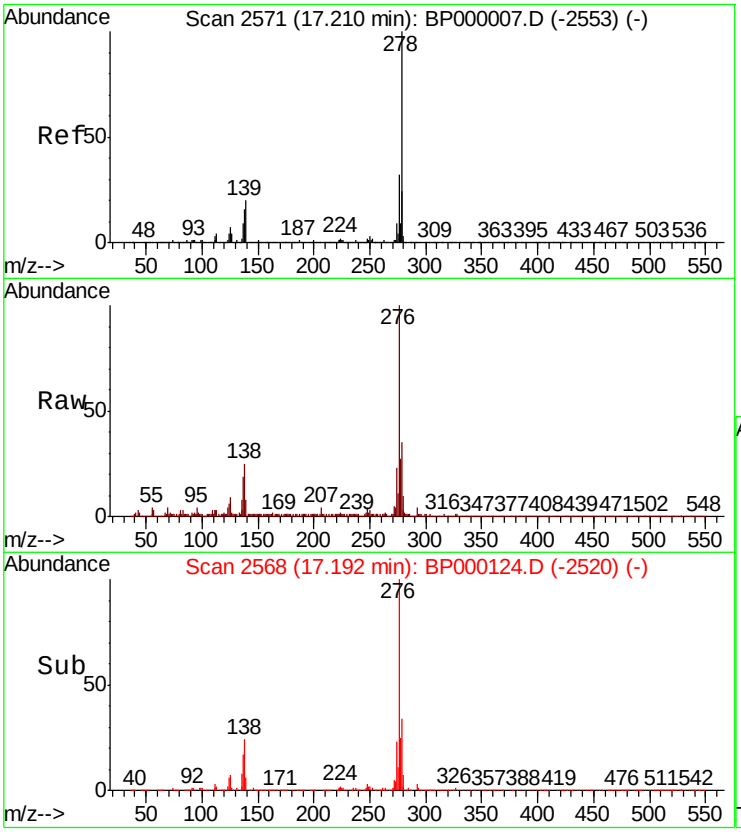


#90
Benzo(a)pyrene
Concen: 34.698 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:252 Resp: 2238413

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	12.7	11.7	17.5



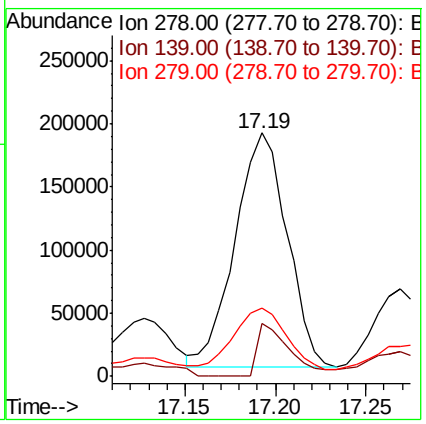


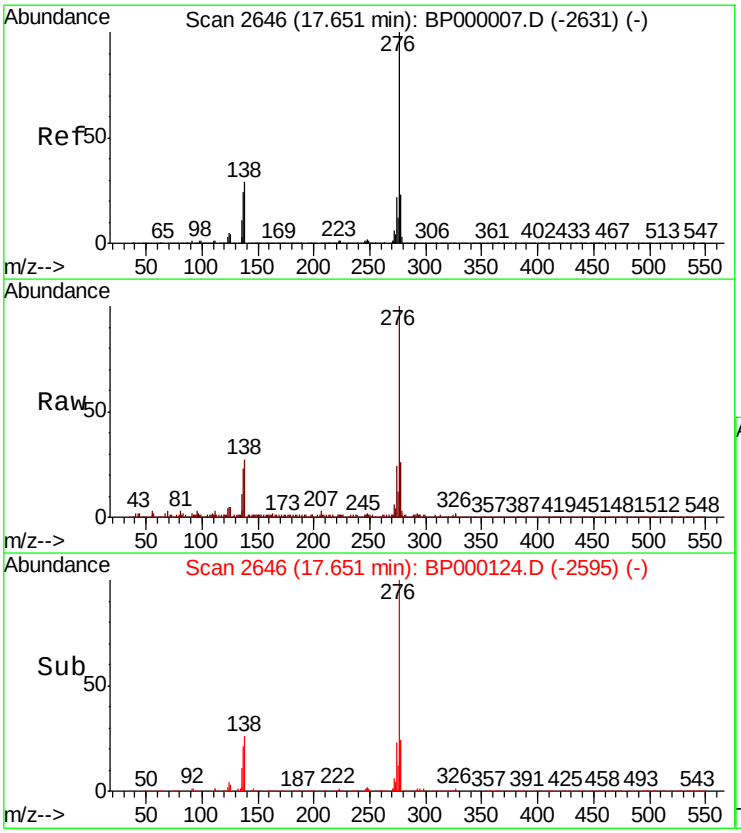
#91
Dibenzo(a,h)anthracene
Concen: 5.738 ng
RT: 17.19 min Scan# 2568
Delta R.T. -0.02 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 370153

Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.4	24.6
279	28.1	19.2	28.8





#92
Benzo(g,h,i)perylene
Concen: 20.223 ng
RT: 17.65 min Scan# 2646
Delta R.T. -0.00 min
Lab File: BP000124.D
Acq: 09 Sep 2019 05:37

Tgt Ion:276 Resp: 1291334

Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.6	28.0
138	27.4	23.0	34.4