Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000123.D
Acq On : 09 Sep 2019 05:12
Operator : HP/JU
Sample : K4636-08 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 09 06:44:42 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	437045	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1589523	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	872481	20.00	ng		-0.01
64) Phenanthrene-d10	11.43	188	1538312	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1140857	20.00	ng		0.00
87) Perylene-d12	15.63	264	1205564	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1314210	47.95	ng		0.00
7) Phenol-d6	6.51	99	1695430	49.00	ng		0.00
23) Nitrobenzene-d5	7.45	82	884559	34.15	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	401369	54.58	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1751662	33.53	ng		0.00
79) Terphenyl-d14	13.03	244	1609714	30.75	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	110510	5.612	ng	#	76
25) Isophorone	7.45	82	882889	16.130	ng	#	66
31) Naphthalene	8.19	128	155583	2.133	ng		98
32) Benzoic acid	7.84	122	6417	8.423	ng		92
49) Acenaphthylene	9.79	152	210071	2.769	ng		97
50) Dimethylphthalate	9.65	163	202962	3.414	ng		99
51) 2,6-Dinitrotoluene	9.93	165	118177	9.364	ng	#	30
52) Acenaphthene	9.97	154	281511	5.913	ng		98
54) 2,4-Dinitrophenol	9.96	184	116	8.670	ng	#	1
55) Dibenzofuran	10.14	168	189320	2.801	ng		98
58) Fluorene	10.49	166	290773	5.715	ng		96
65) 4,6-Dinitro-2-methylphenol	10.51	198	84	7.736	ng	#	1
69) Atrazine	11.13	200	352	Below Cal		#	1
71) Phenanthrene	11.46	178	4371572	57.016	ng		99
72) Anthracene	11.51	178	1263747	16.685	ng		97
73) Carbazole	11.66	167	419317	5.865	ng		96
75) Fluoranthene	12.66	202	6235744	74.842	ng		96
78) Pyrene	12.90	202	5739363	68.383	ng		95
81) Benzo(a)anthracene	14.10	228	3031848	41.011	ng		96
83) Chrysene	14.13	228	2902454	41.508	ng		97
84) Bis(2-ethylhexyl)phthalate	14.09	149	1599899	32.876	ng		100
86) Indeno(1,2,3-cd)pyrene	17.19	276	1390000	15.864	ng		94
88) Benzo(b)fluoranthene	15.18	252	4543404	61.699	ng		100
89) Benzo(k)fluoranthene	15.18	252	4543404	67.423	ng		99
90) Benzo(a)pyrene	15.57	252	2414910	36.329	ng		98
91) Dibenzo(a,h)anthracene	17.19	278	370055	5.567	ng		94
92) Benzo(g,h,i)perylene	17.65	276	1283861	19.513	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
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Acq On : 09 Sep 2019 05:12
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 09 06:44:42 2019
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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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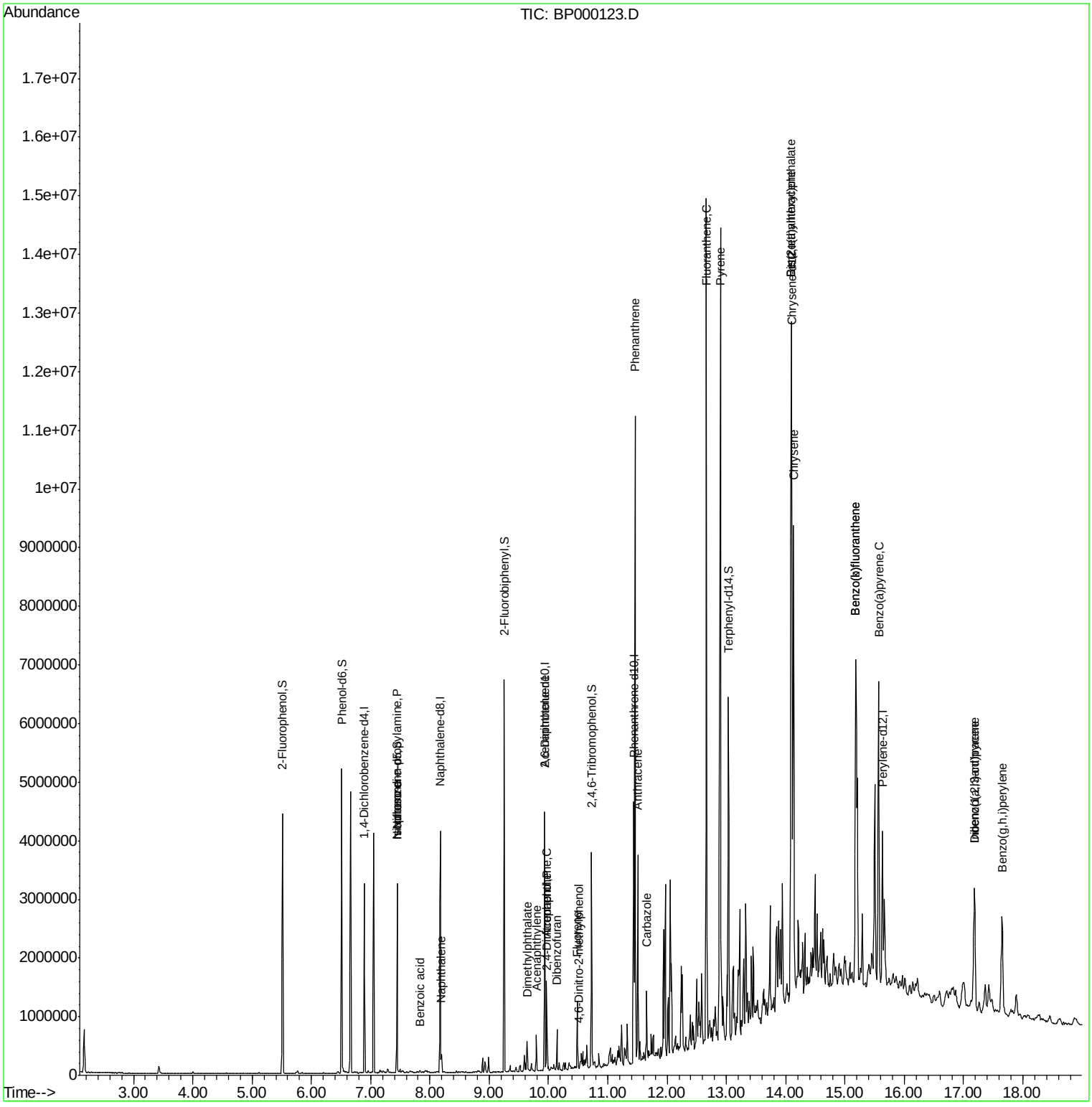
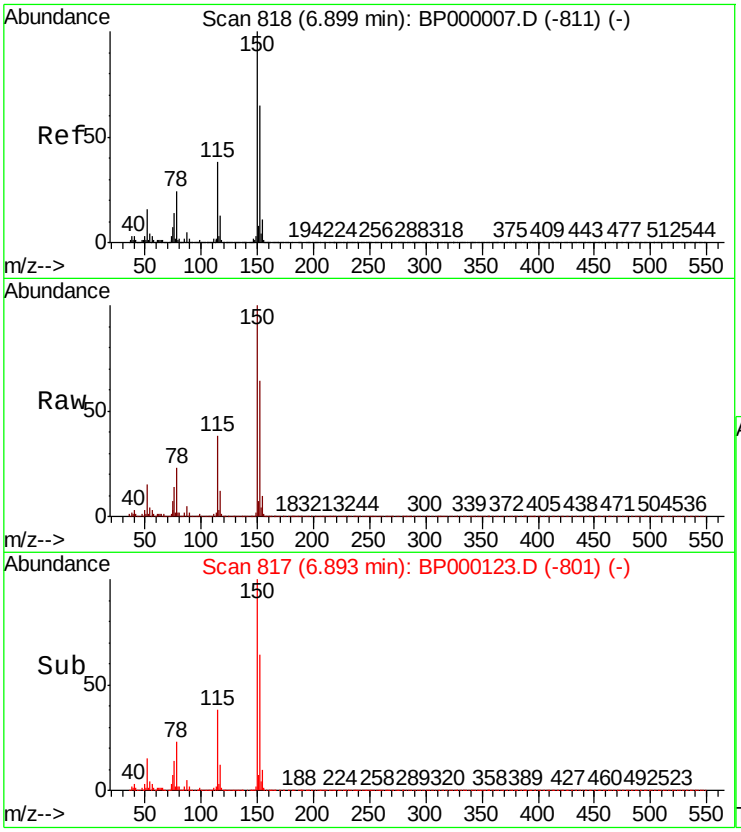


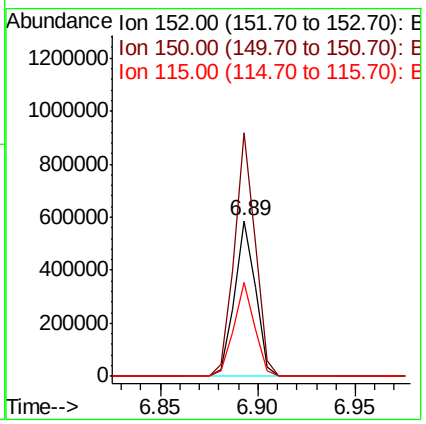


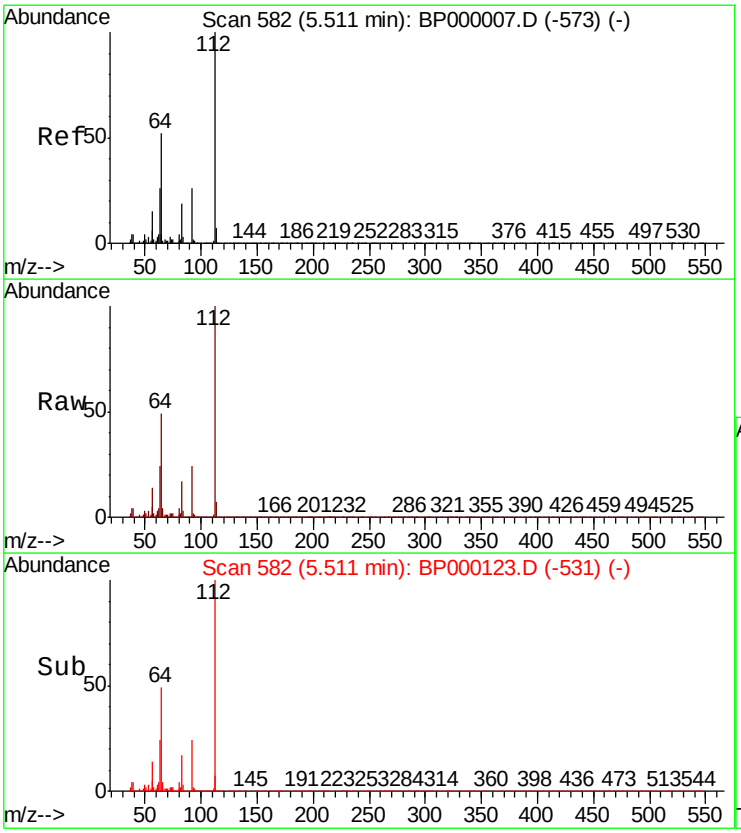
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 437045

Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.0	184.6
115	60.1	46.7	70.1

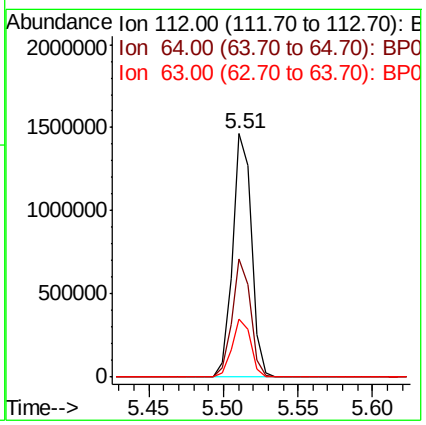


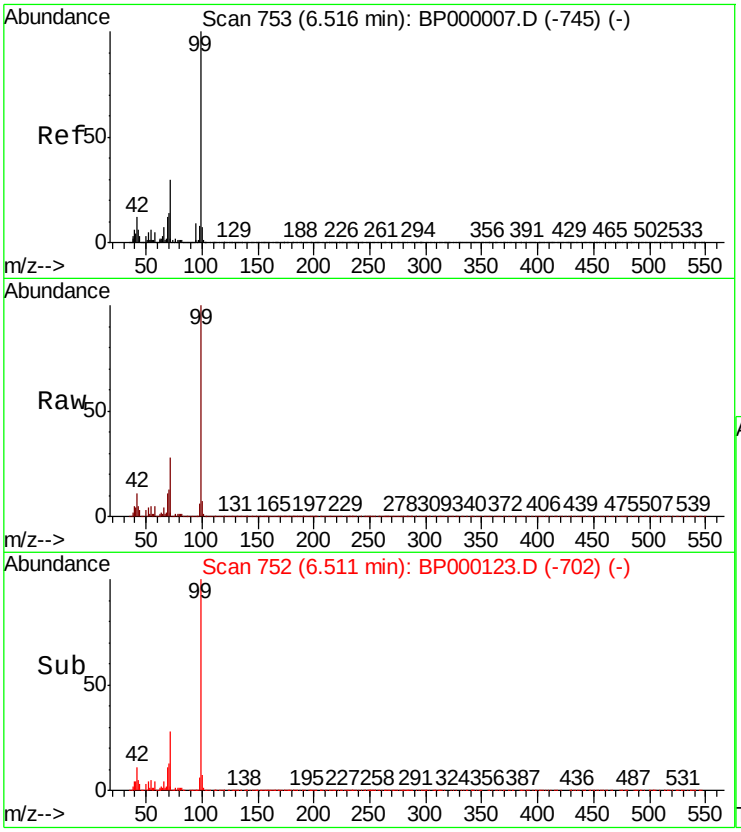


#5
2-Fluorophenol
Concen: 47.951 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.00 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Tgt Ion:112 Resp: 1314210

Ion	Ratio	Lower	Upper
112	100		
64	48.6	41.8	62.8
63	24.0	21.0	31.4



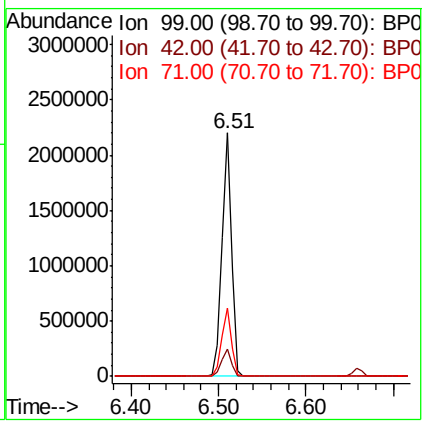


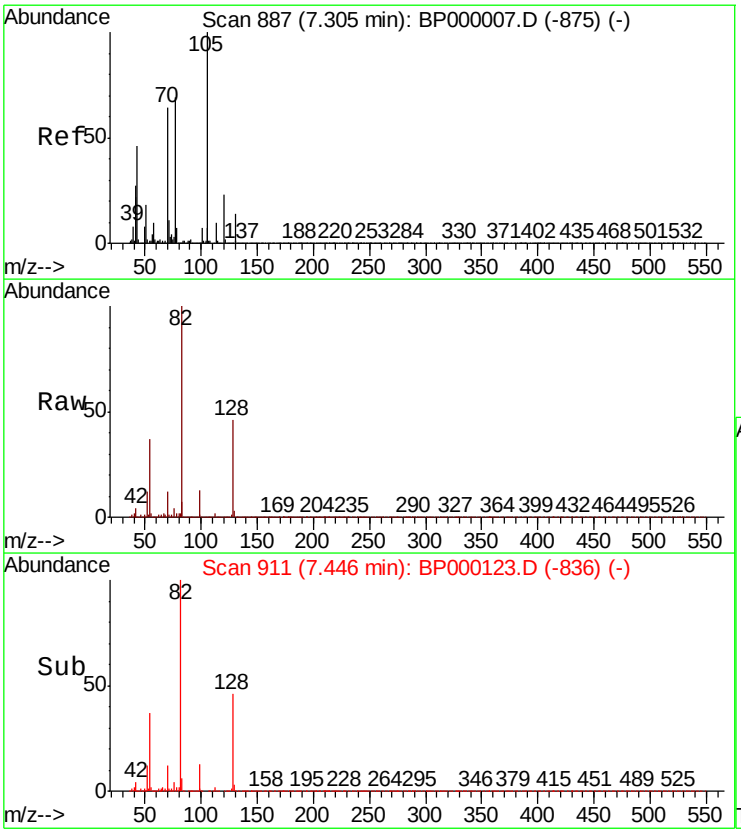
#7
Phenol-d6
Concen: 49.001 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1695430

Ion	Ratio	Lower	Upper
99	100		
42	11.2	9.8	14.8
71	28.3	23.8	35.8

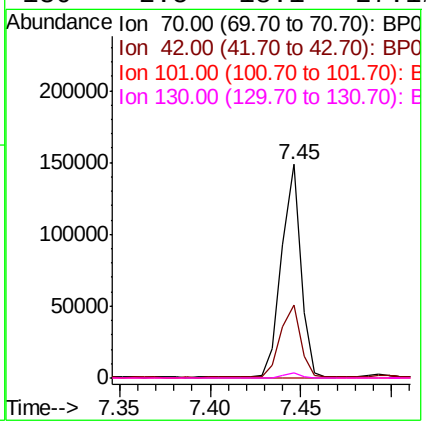


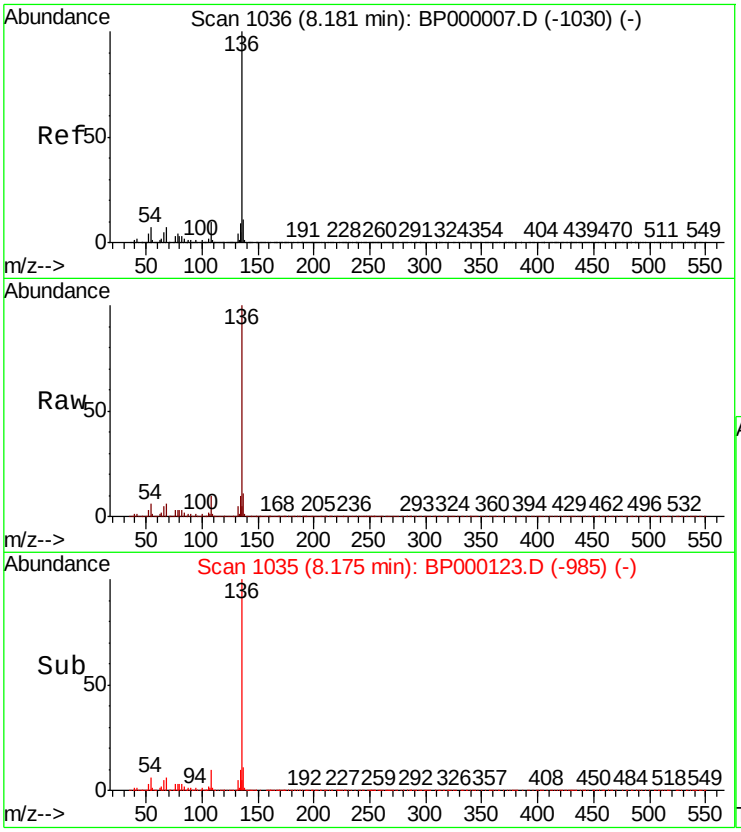


#19
n-Nitroso-di-n-propylamine
Concen: 5.612 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Tgt Ion: 70 Resp: 110510

Ion	Ratio	Lower	Upper
70	100		
42	34.1	33.8	50.6
101	0.0	8.7	13.1#
130	2.5	18.1	27.1#



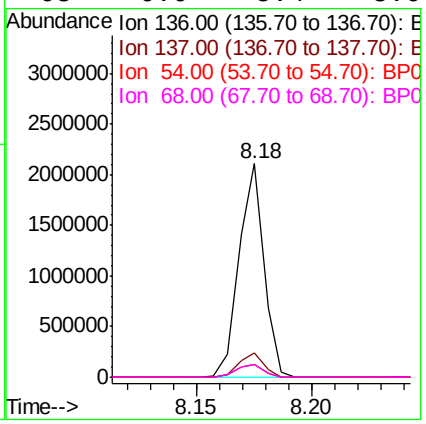


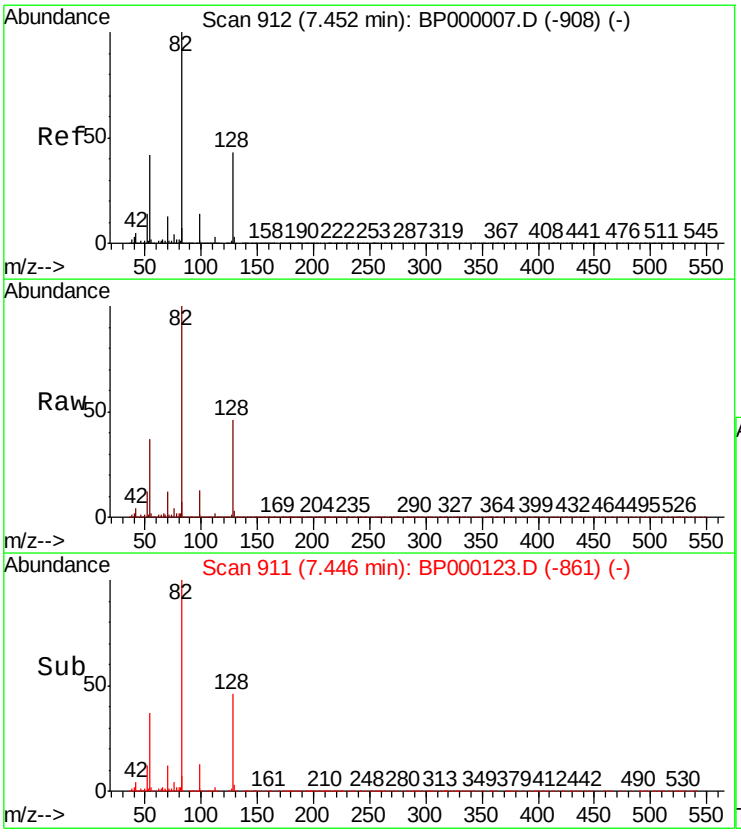
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 1589523

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	6.0	5.4	8.2
68	6.0	5.4	8.0

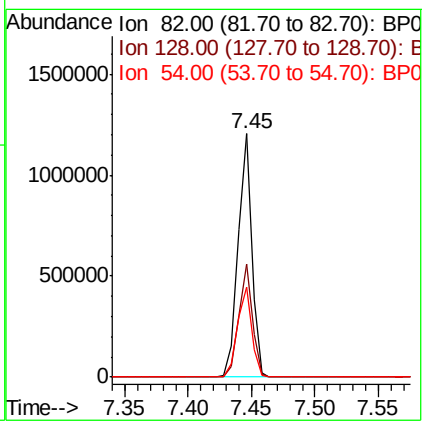


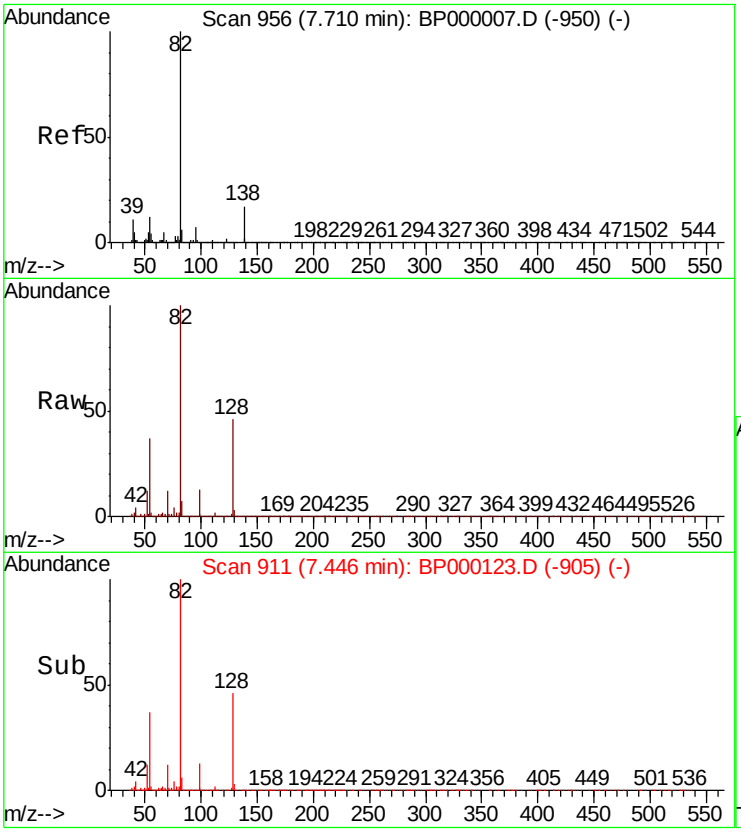


#23
Nitrobenzene-d5
Concen: 34.146 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Tgt Ion: 82 Resp: 884559

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.5	51.7
54	36.8	33.2	49.8



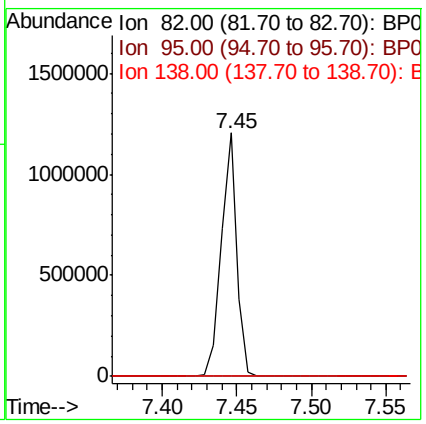


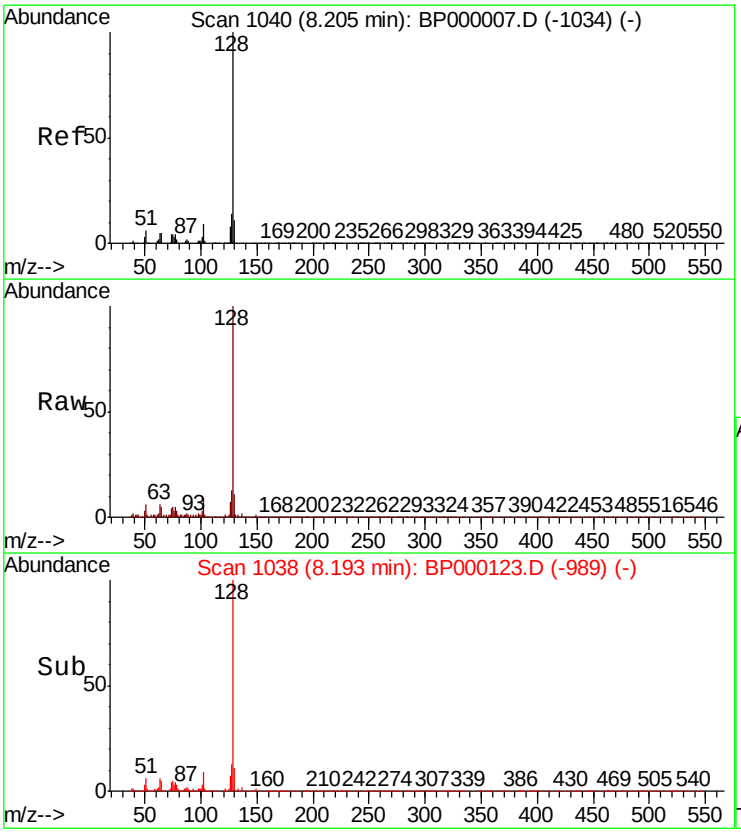
#25
Isophorone
Concen: 16.130 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 882889

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

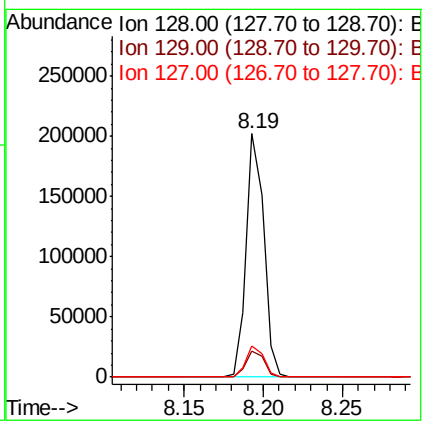


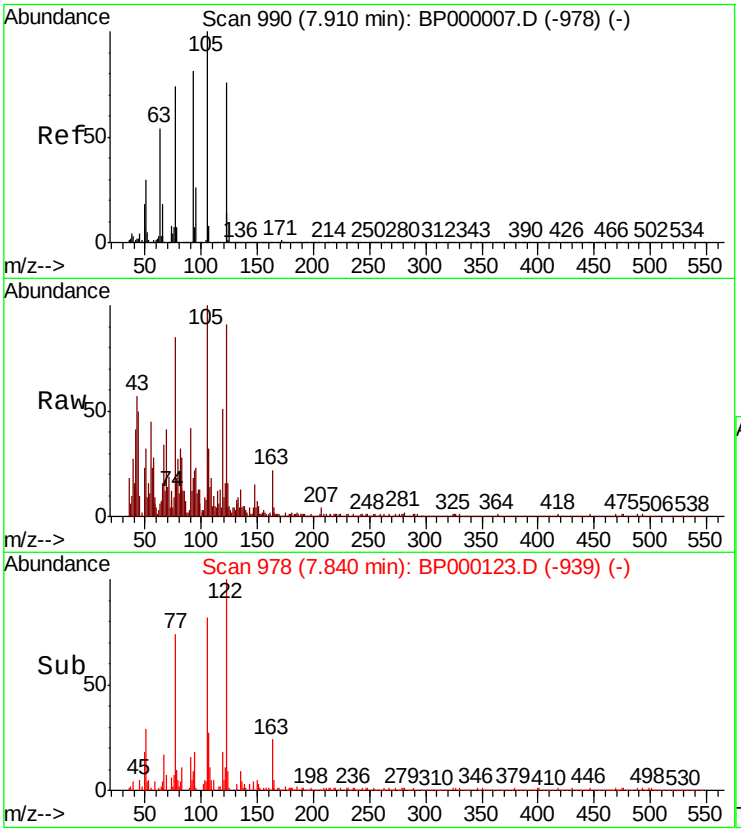


#31
Naphthalene
Concen: 2.133 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Tgt Ion:128 Resp: 155583

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	12.9	11.0	16.6



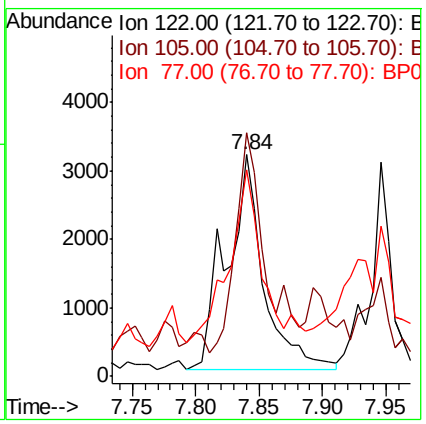


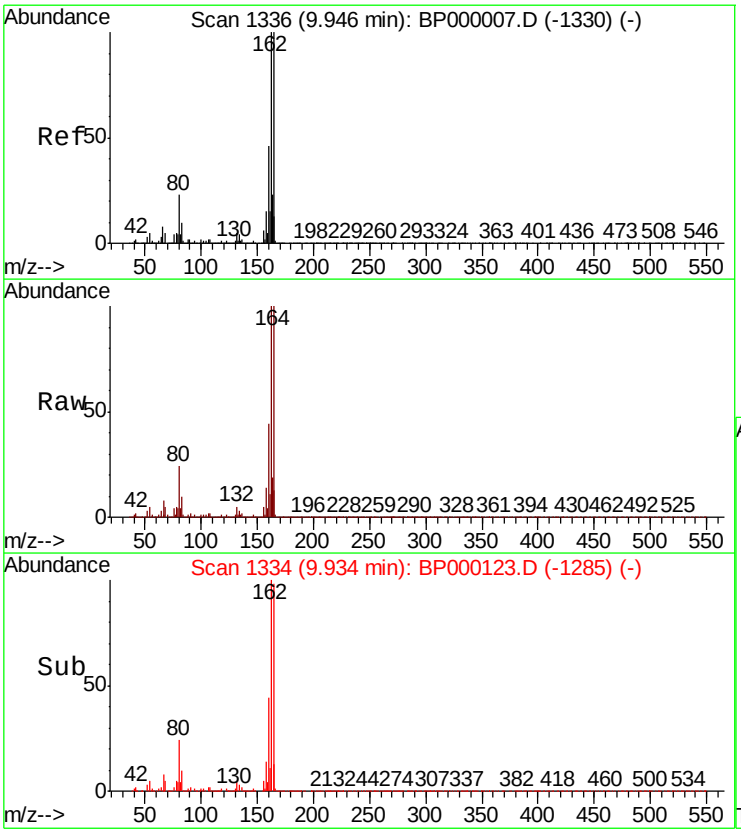
#32
Benzoic acid
Concen: 8.423 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.07 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:122 Resp: 6417

Ion	Ratio	Lower	Upper
122	100		
105	109.8	104.6	144.6
77	92.9	74.1	114.1

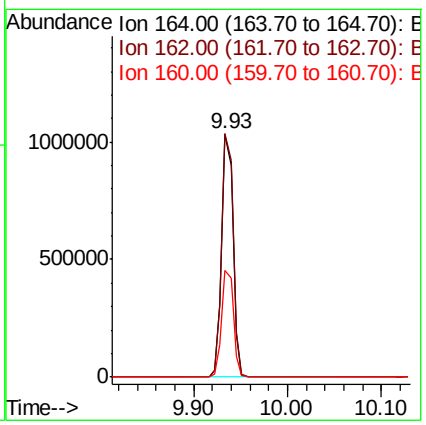


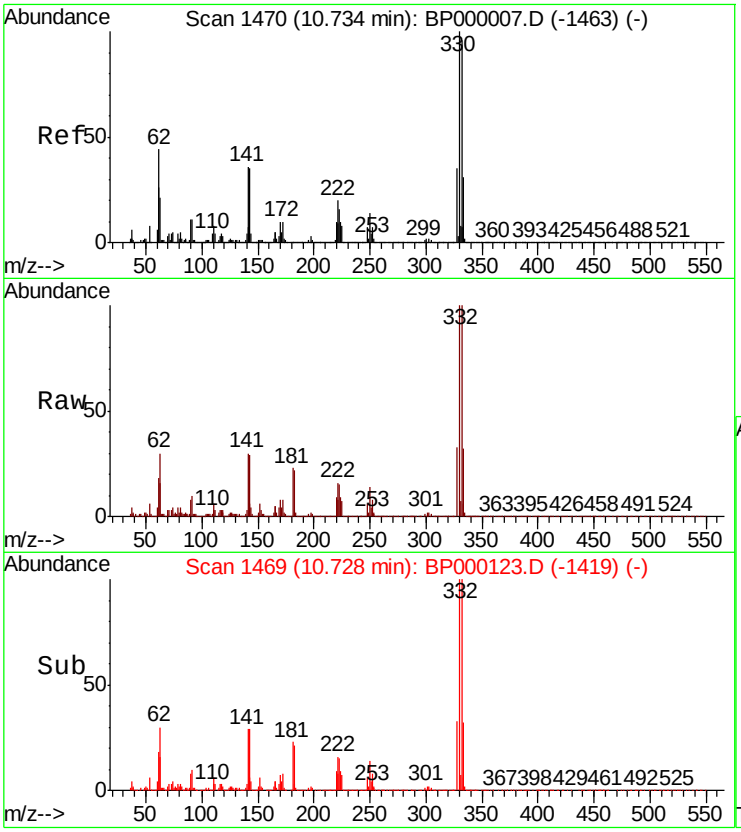


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Tgt Ion:164 Resp: 872481

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.4
160	44.0	36.6	55.0



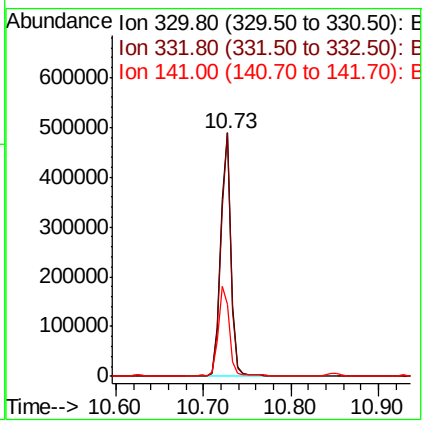


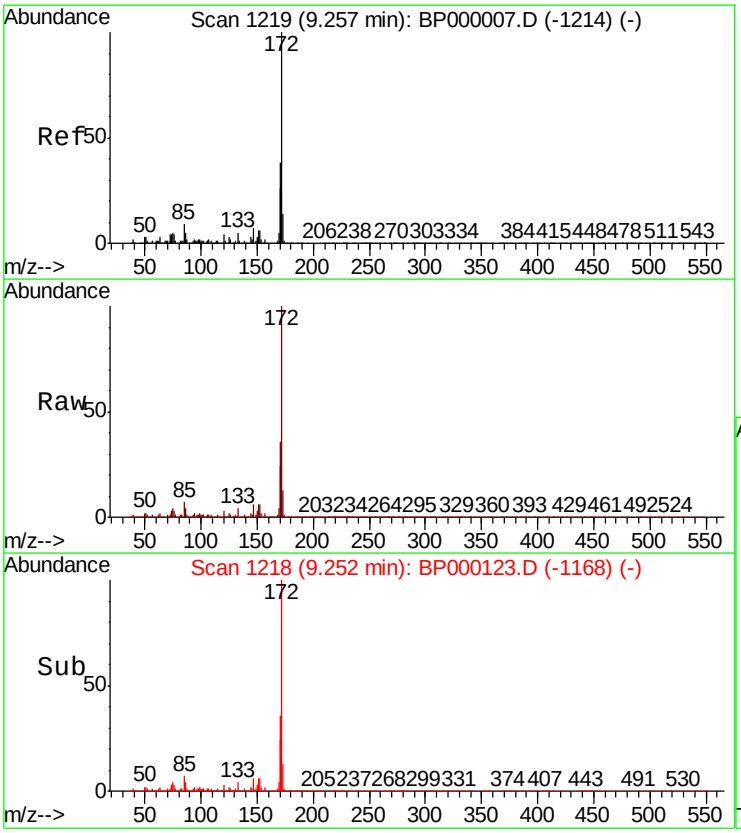
#42
2,4,6-Tribromophenol
Concen: 54.577 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 401369

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	39.5	33.6	50.4

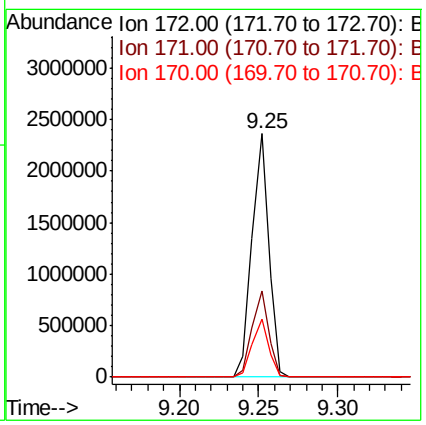


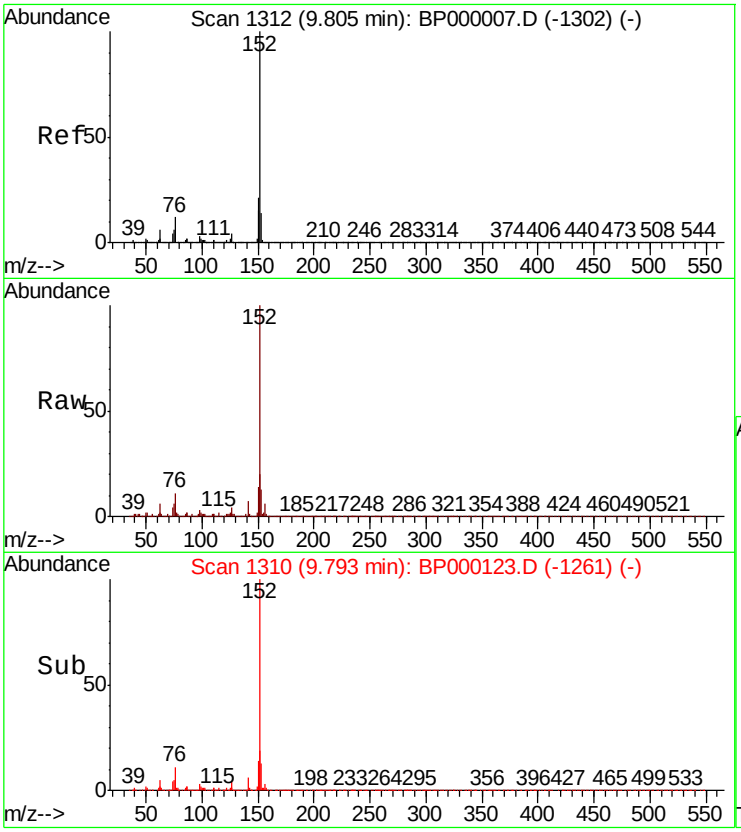


#45
2-Fluorobiphenyl
Concen: 33.528 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Tgt Ion:172 Resp: 1751662

Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.7	46.1
170	23.9	20.7	31.1



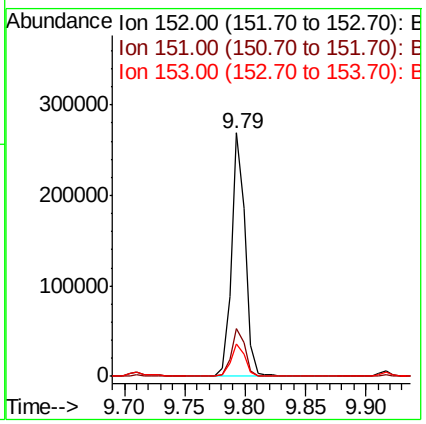


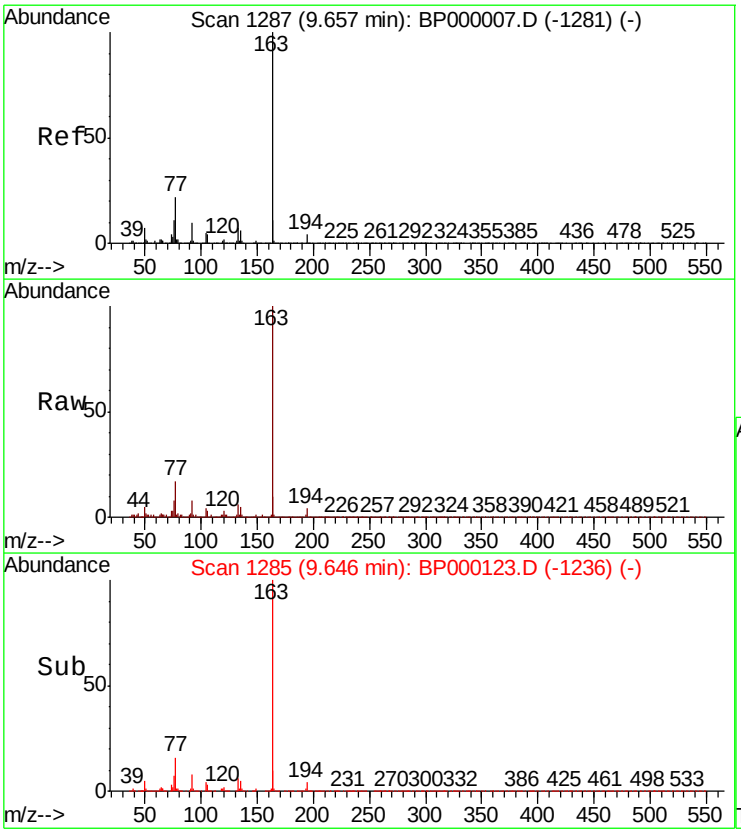
#49
Acenaphthylene
Concen: 2.769 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 210071

Ion	Ratio	Lower	Upper
152	100		
151	19.5	17.0	25.6
153	13.4	11.0	16.6

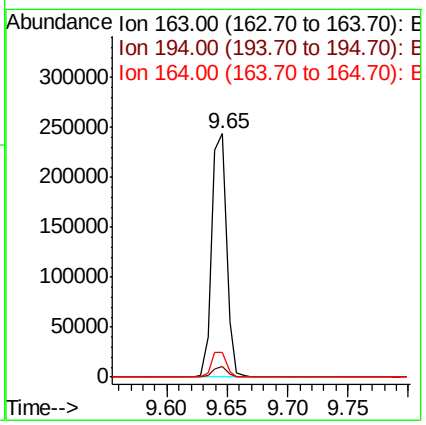


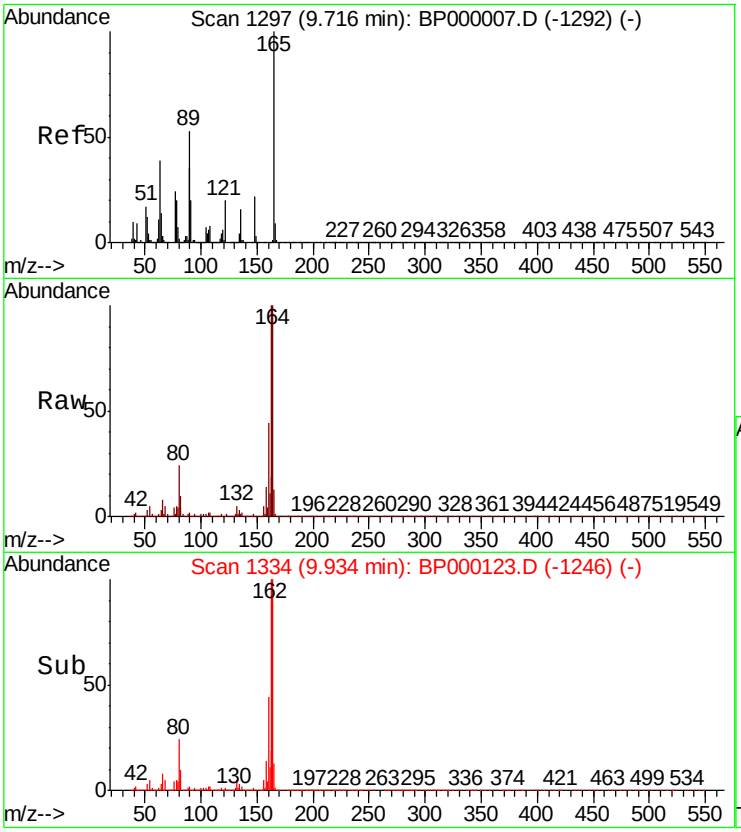


#50
Dimethylphthalate
Concen: 3.414 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Tgt Ion:163 Resp: 202962

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.1	8.4	12.6



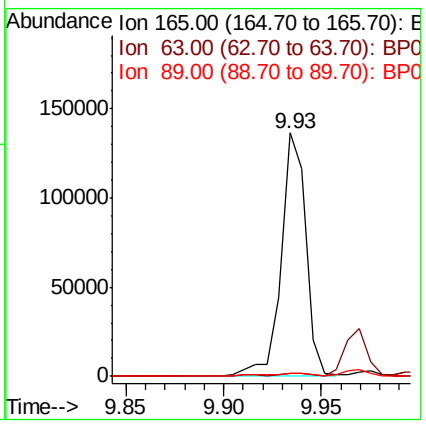


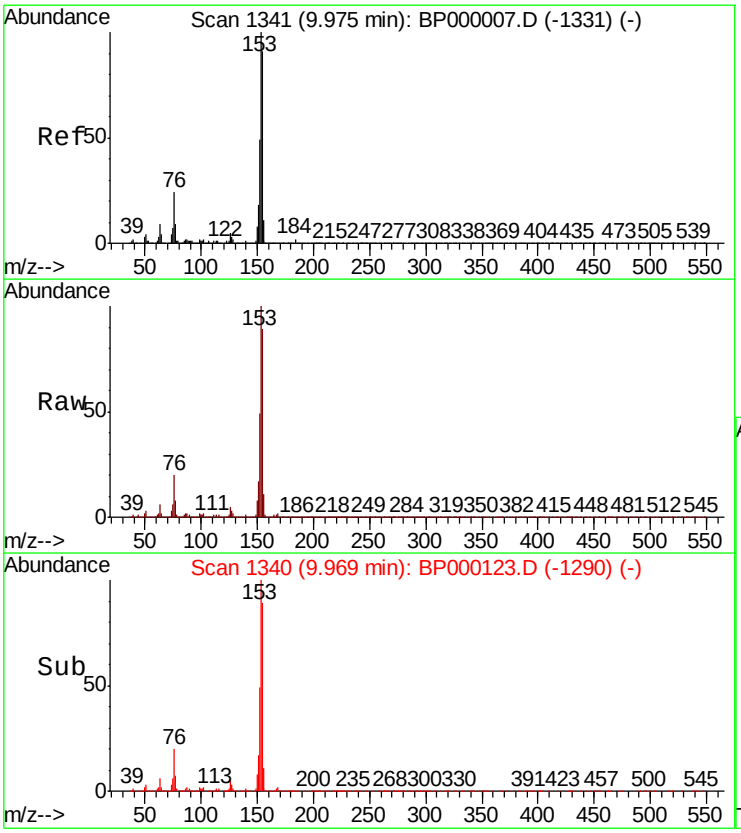
#51
2,6-Dinitrotoluene
Concen: 9.364 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 118177

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

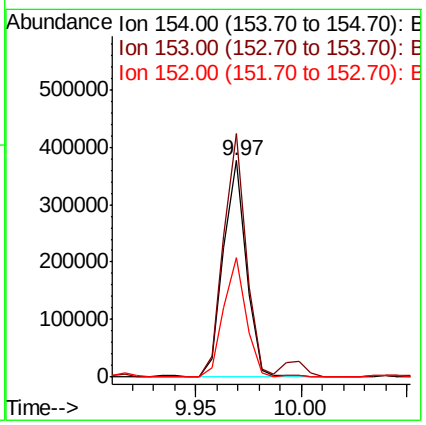


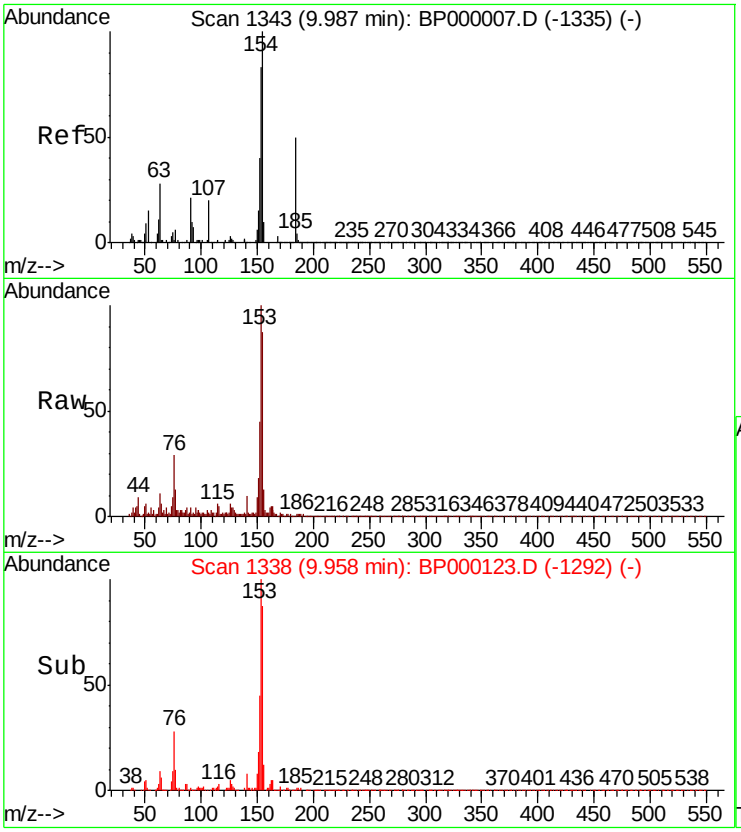


#52
Acenaphthene
Concen: 5.913 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Tgt Ion:154 Resp: 281511

Ion	Ratio	Lower	Upper
154	100		
153	112.7	88.2	132.2
152	55.2	42.9	64.3



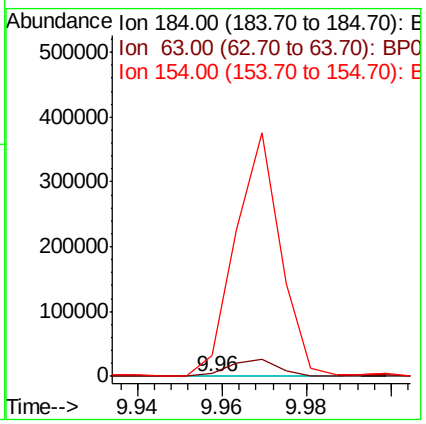


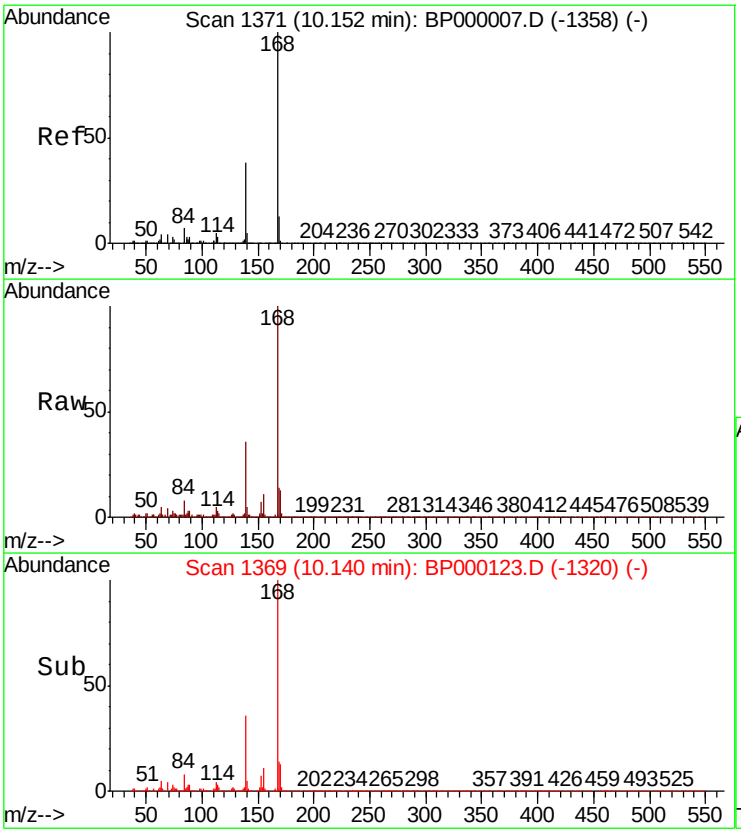
#54
2,4-Dinitrophenol
Concen: 8.670 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.03 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:184 Resp: 116

Ion	Ratio	Lower	Upper
184	100		
63	4173.7	46.0	69.0#
154	34307.4	161.9	242.9#

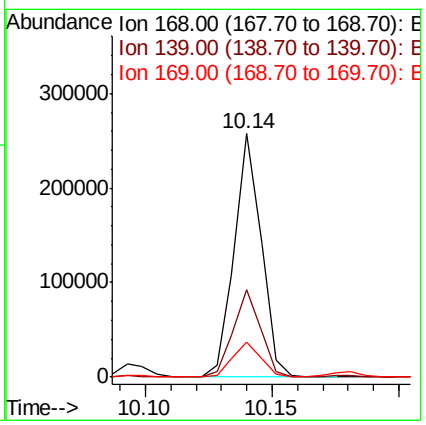


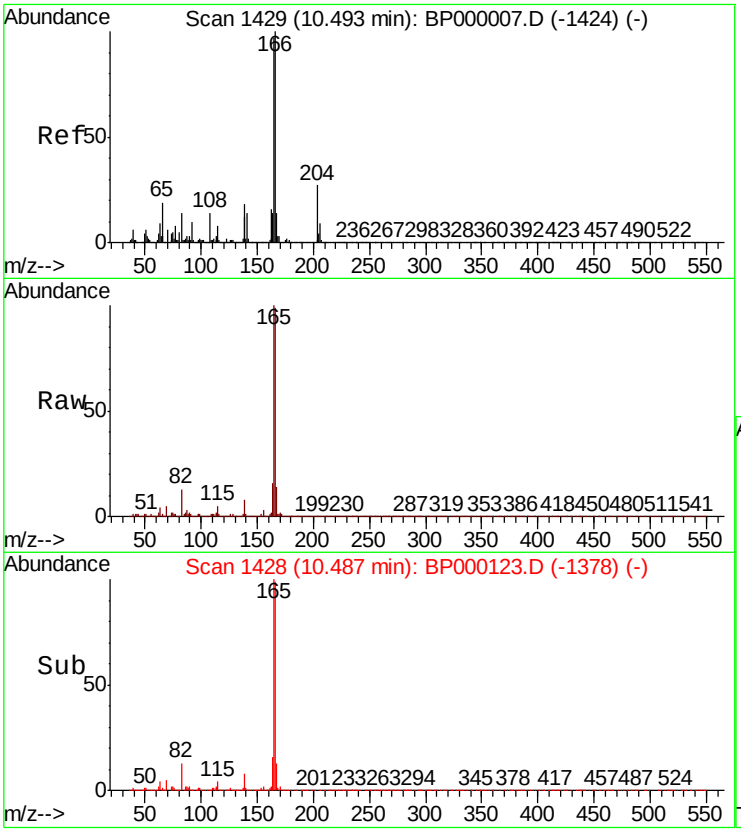


#55
Dibenzofuran
Concen: 2.801 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Tgt Ion:168 Resp: 189320

Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.2	45.2
169	14.1	10.7	16.1



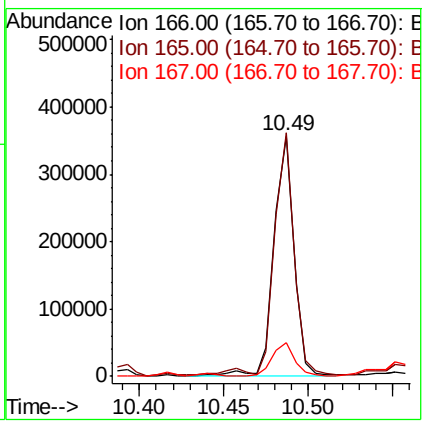


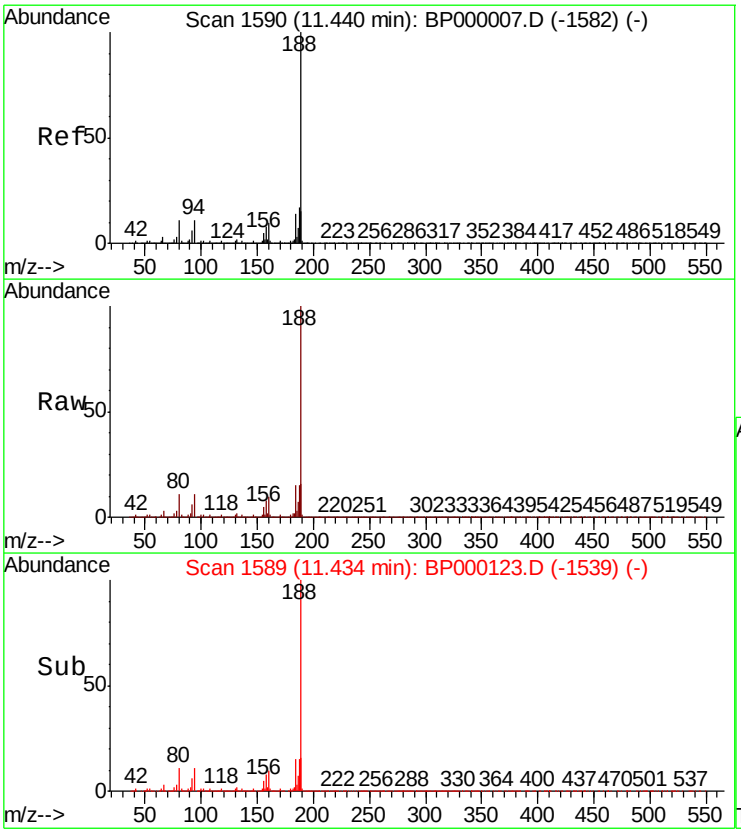
#58
Fluorene
Concen: 5.715 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 290773

Ion	Ratio	Lower	Upper
166	100		
165	101.3	77.3	115.9
167	13.9	11.0	16.6

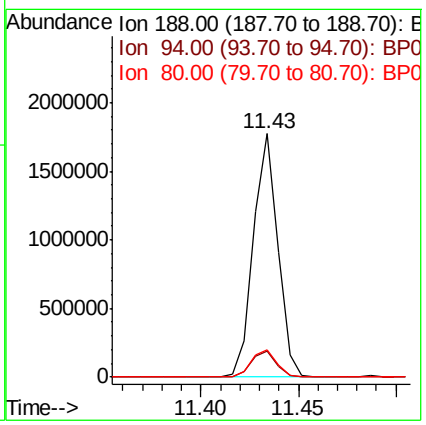


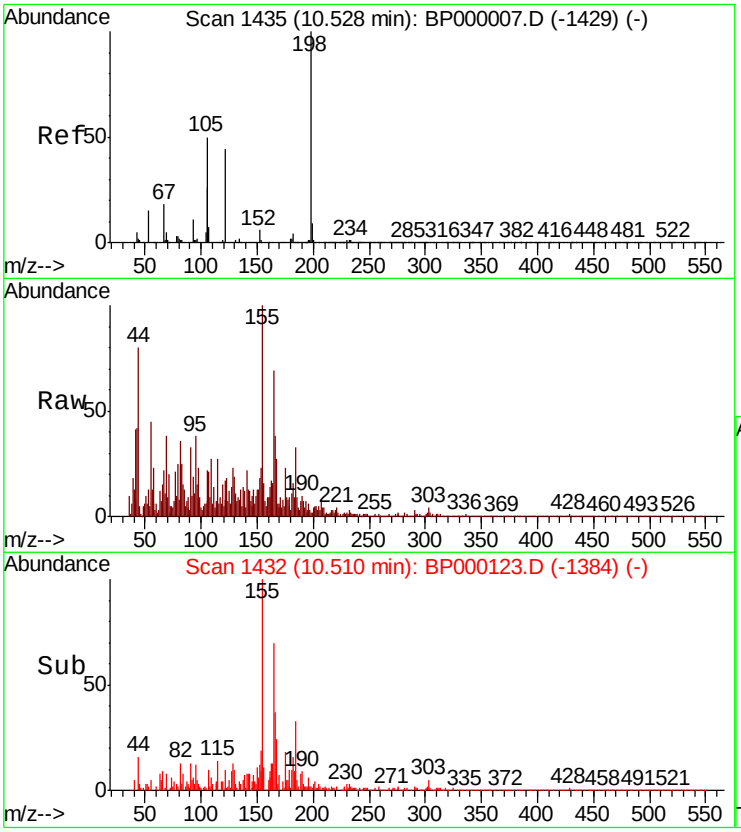


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Tgt Ion:188 Resp: 1538312

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.8	13.2
80	11.2	9.0	13.6



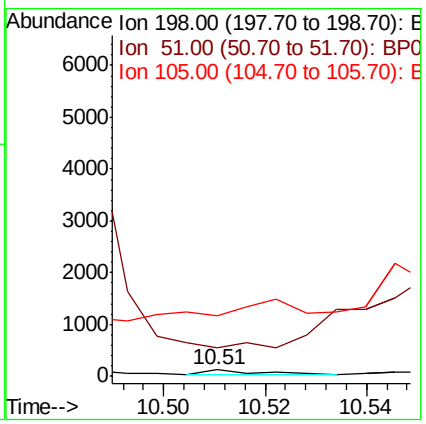


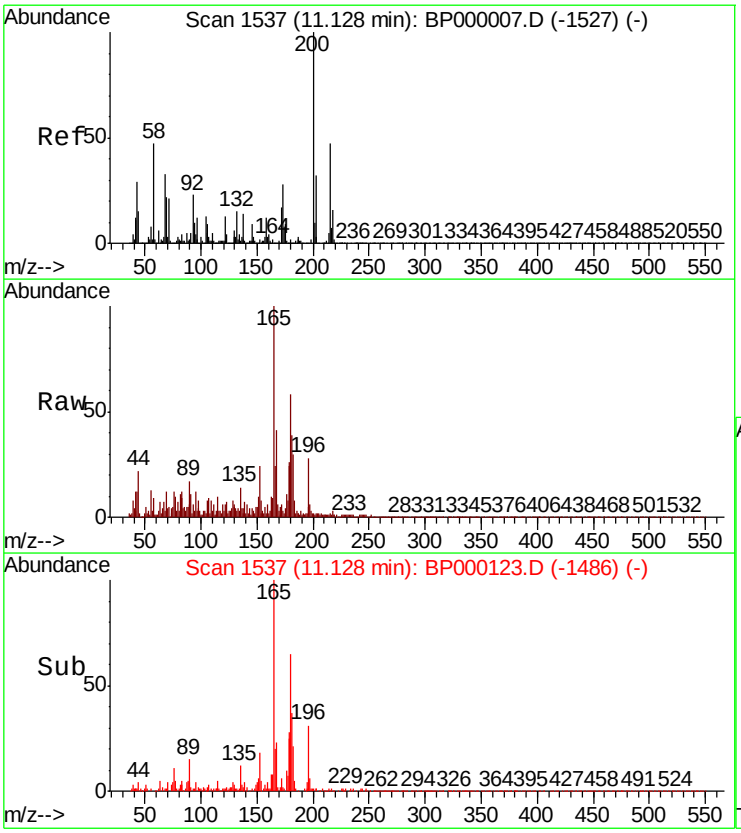
#65
4,6-Dinitro-2-methylphenol
Concen: 7.736 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:198 Resp: 84

Ion	Ratio	Lower	Upper
198	100		
51	435.9	22.1	62.1#
105	921.1	32.0	72.0#

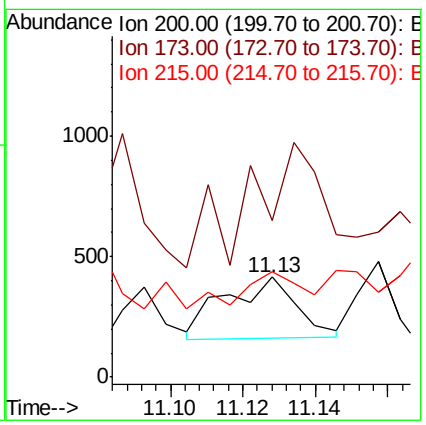


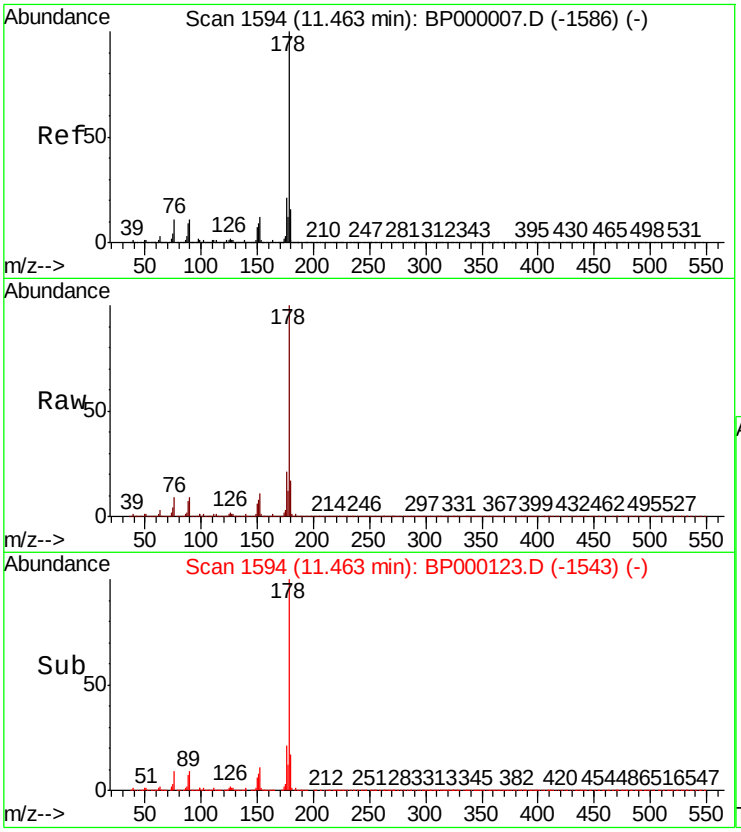


#69
Atrazine
Concen: Below Cal
RT: 11.13 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Tgt Ion:200 Resp: 352

Ion	Ratio	Lower	Upper
200	100		
173	157.5	8.1	48.1#
215	105.3	26.7	66.7#



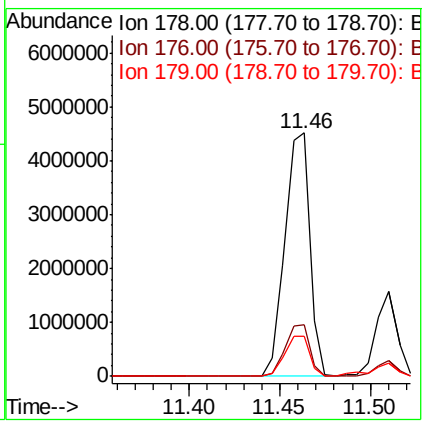


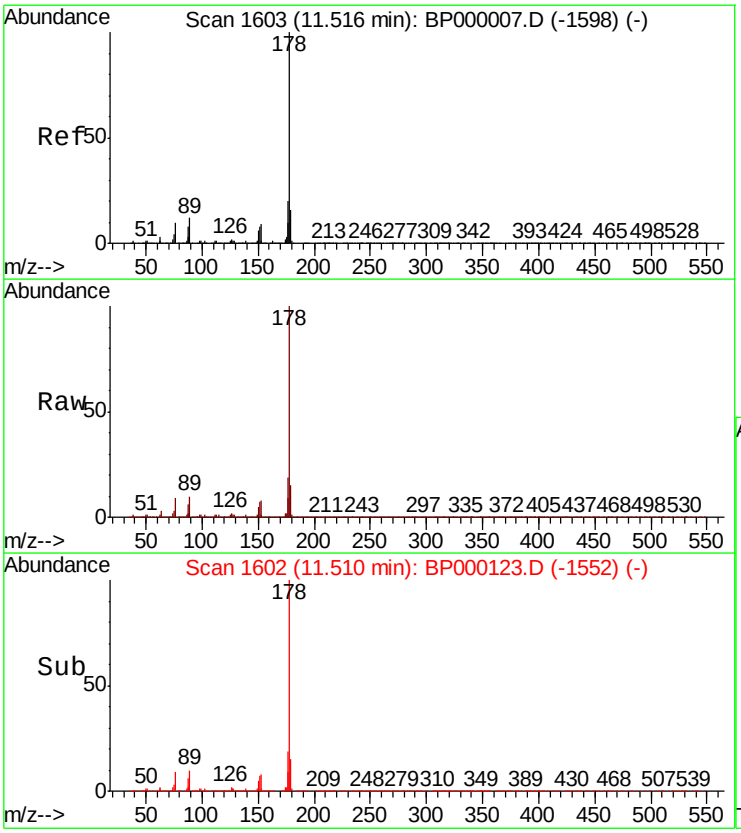
#71
Phenanthrene
Concen: 57.016 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 4371572

Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.7	25.1
179	16.7	13.1	19.7

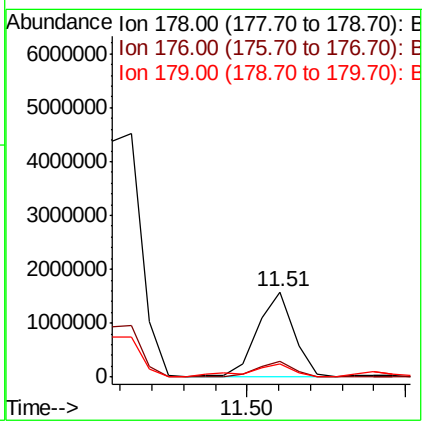


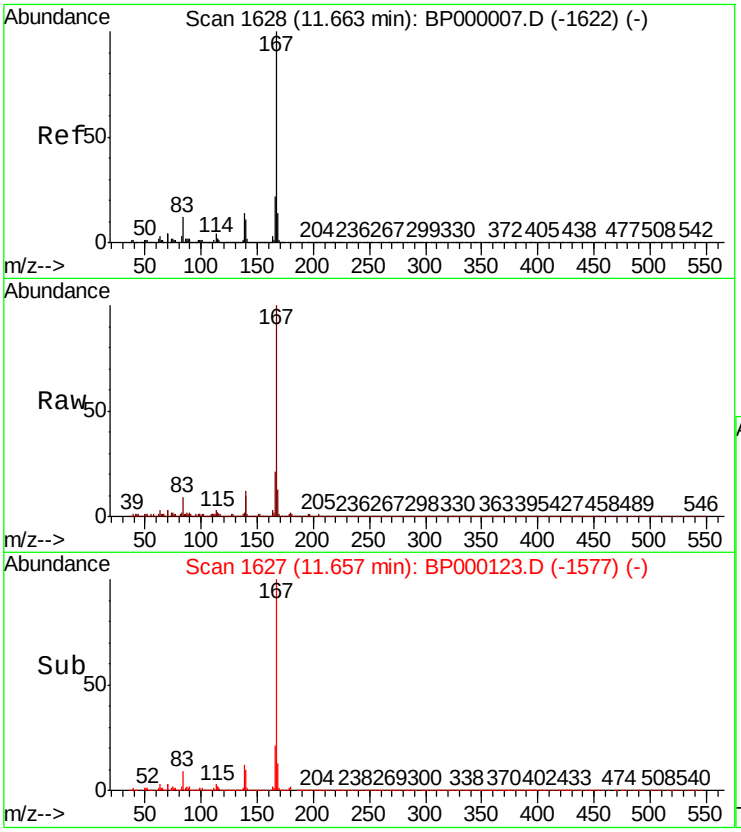


#72
Anthracene
Concen: 16.685 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Tgt Ion:178 Resp: 1263747

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	15.1	13.0	19.6



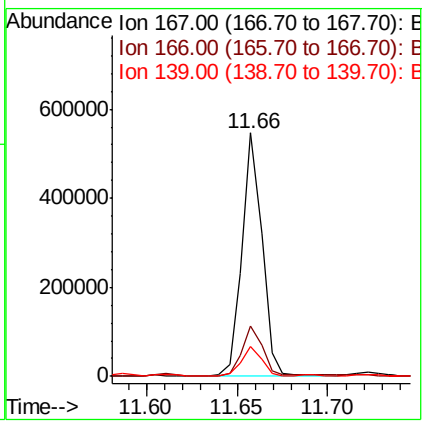


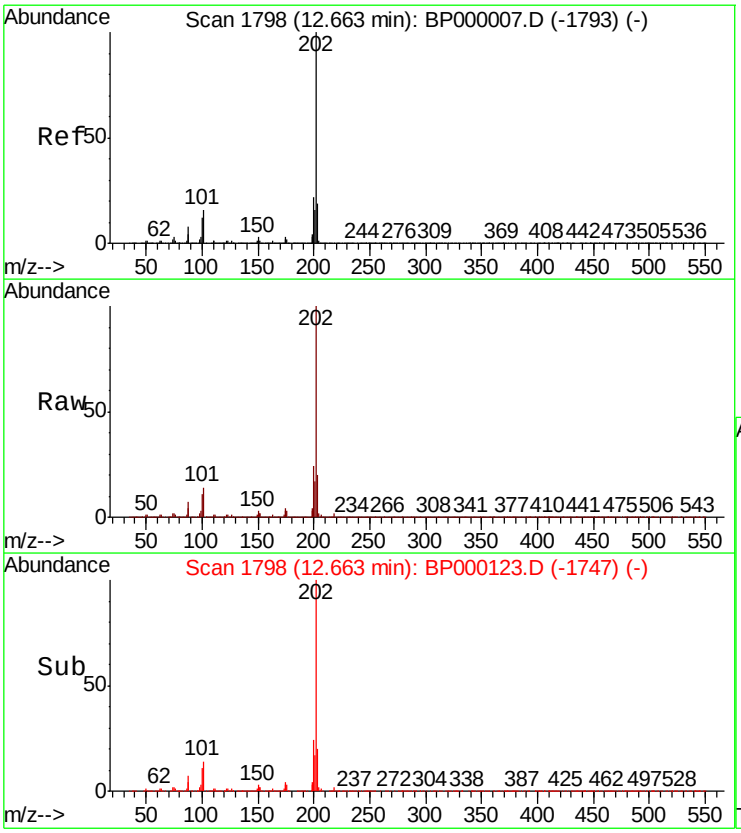
#73
Carbazole
Concen: 5.865 ng
RT: 11.66 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:167 Resp: 419317

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.9	26.9
139	12.0	11.4	17.2

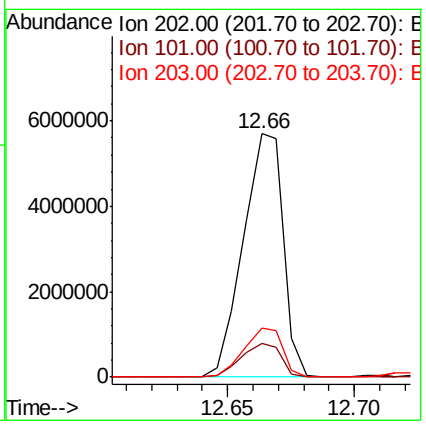


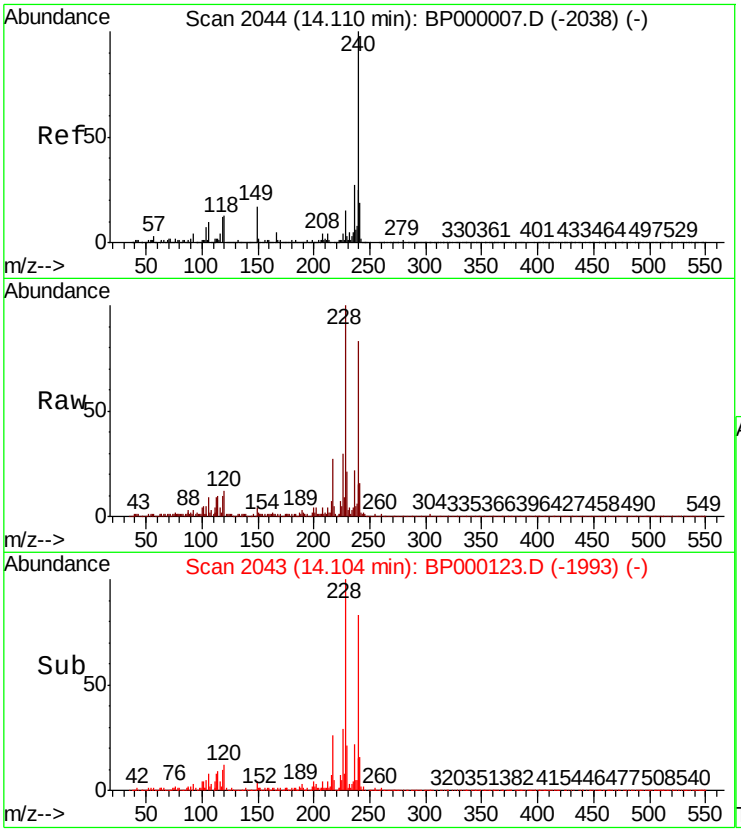


#75
Fluoranthene
Concen: 74.842 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Tgt Ion:202 Resp: 6235744

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	36.4
203	20.1	0.0	38.7



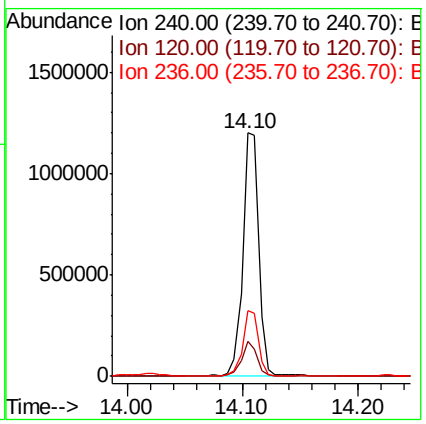


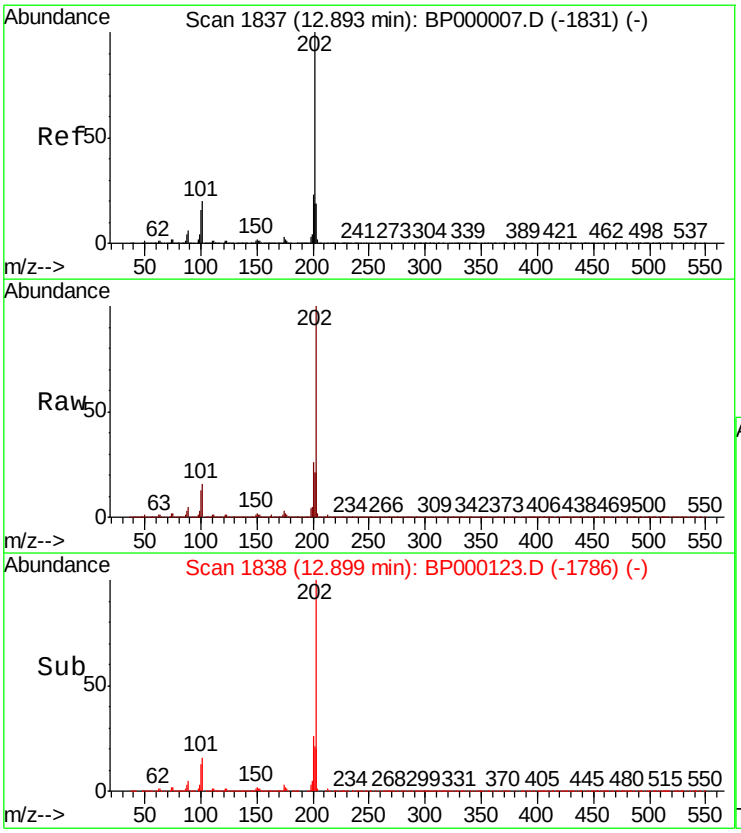
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 1140857

Ion	Ratio	Lower	Upper
240	100		
120	14.3	10.5	15.7
236	26.7	21.5	32.3

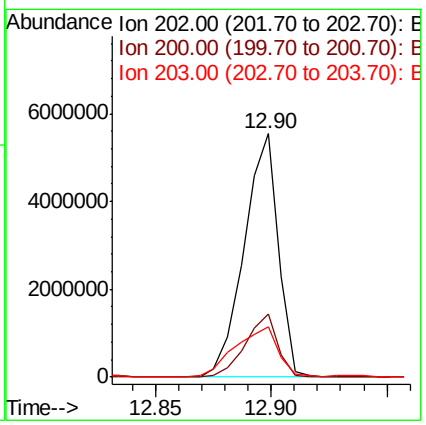


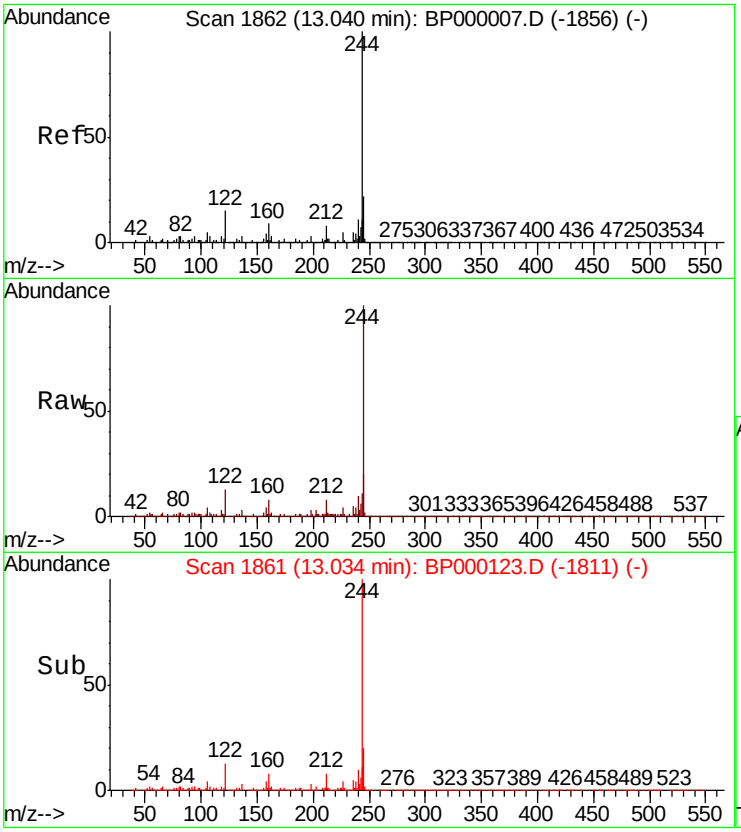


#78
Pyrene
Concen: 68.383 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Tgt Ion:202 Resp: 5739363

Ion	Ratio	Lower	Upper
202	100		
200	25.8	18.5	27.7
203	20.9	15.1	22.7



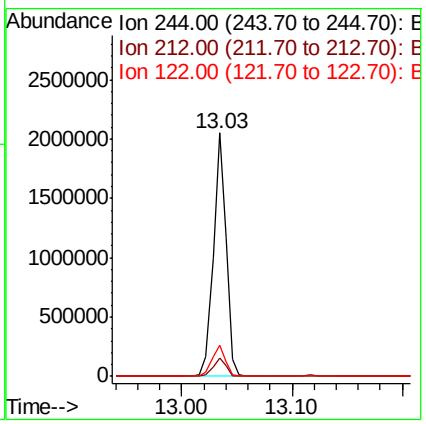


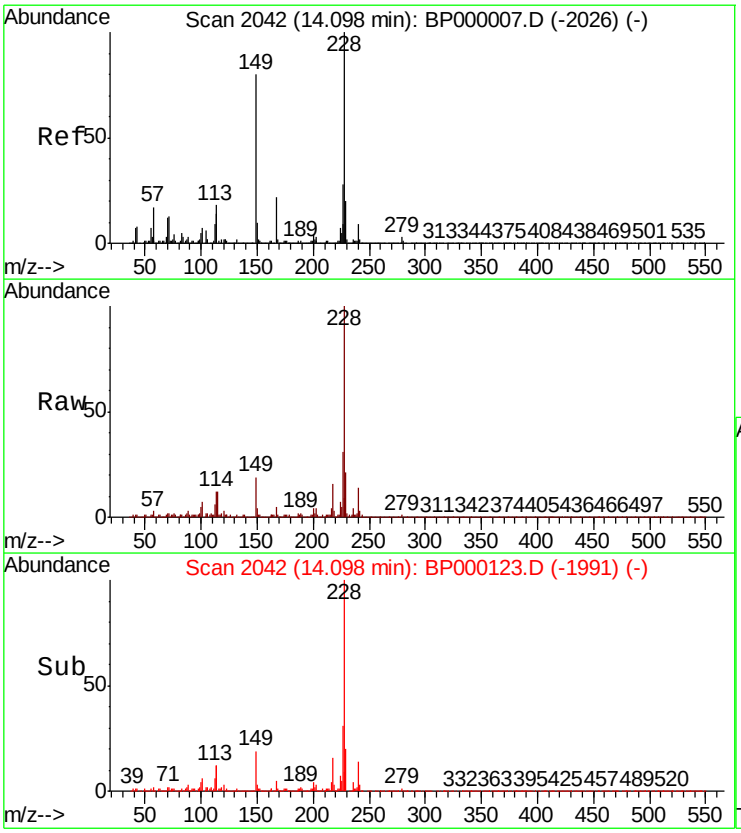
#79
Terphenyl-d14
Concen: 30.754 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 1609714

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	10.0
122	12.9	12.3	18.5

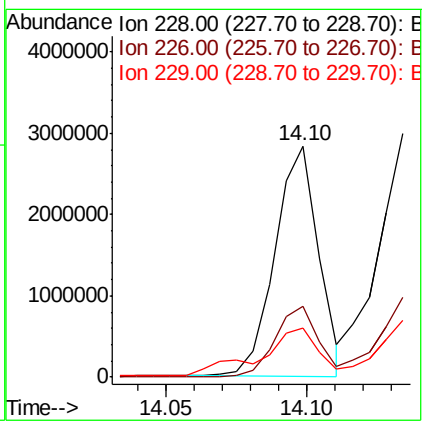


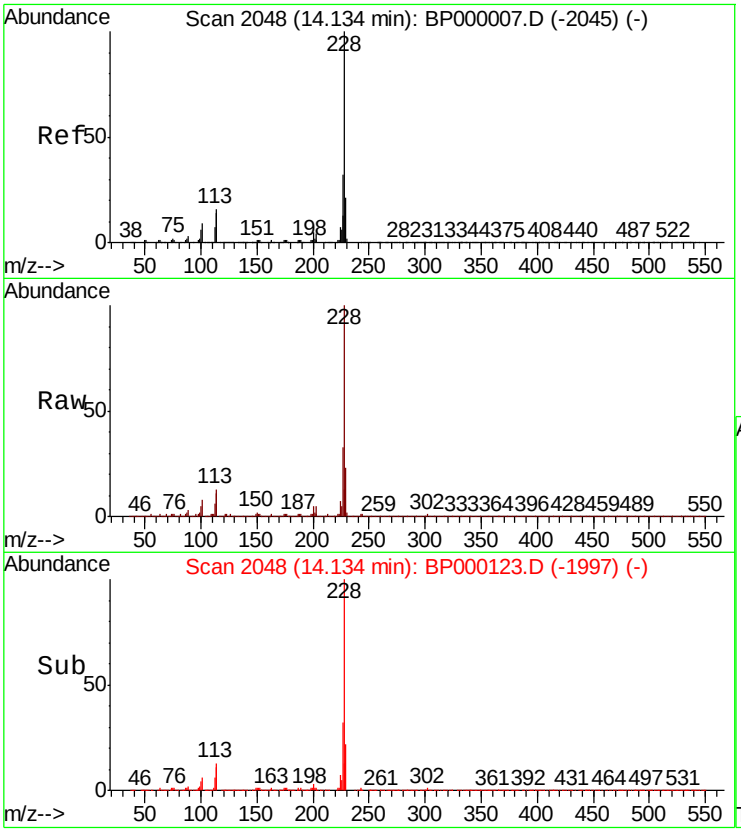


#81
Benzo(a)anthracene
Concen: 41.011 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Tgt Ion:228 Resp: 3031848

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.5	33.7
229	21.3	16.2	24.2



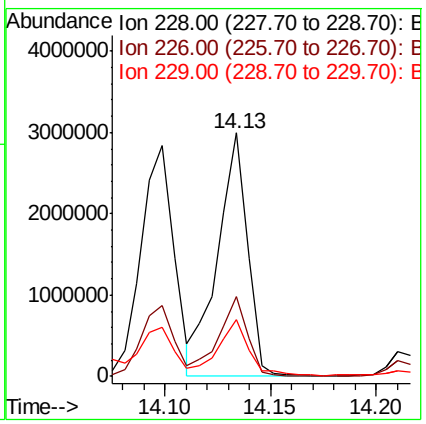


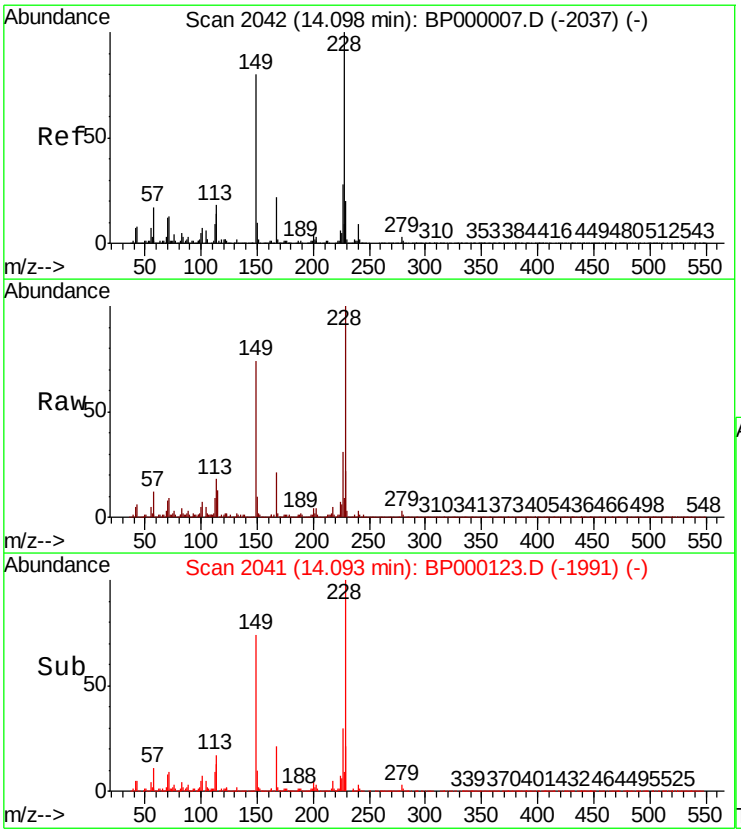
#83
Chrysene
Concen: 41.508 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 2902454

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.5	38.3
229	23.3	16.5	24.7

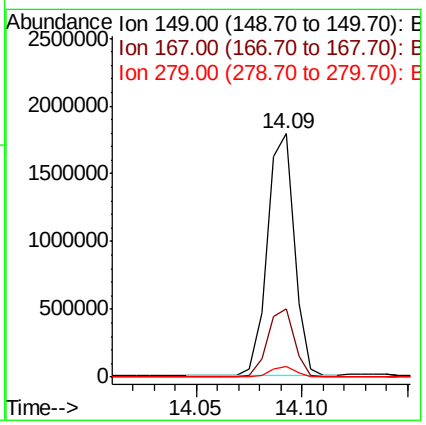


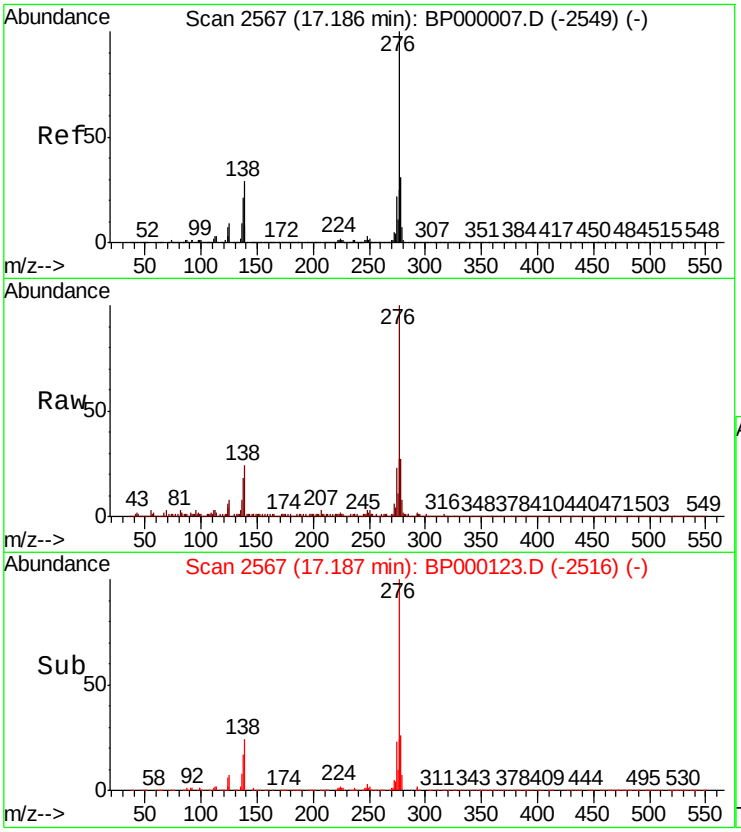


#84
Bis(2-ethylhexyl)phthalate
Concen: 32.876 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Tgt Ion:149 Resp: 1599899

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.4	33.6
279	4.5	3.1	4.7



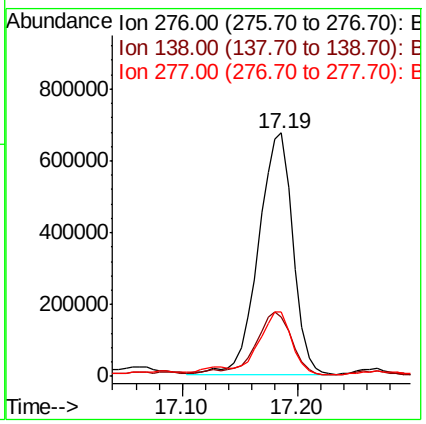


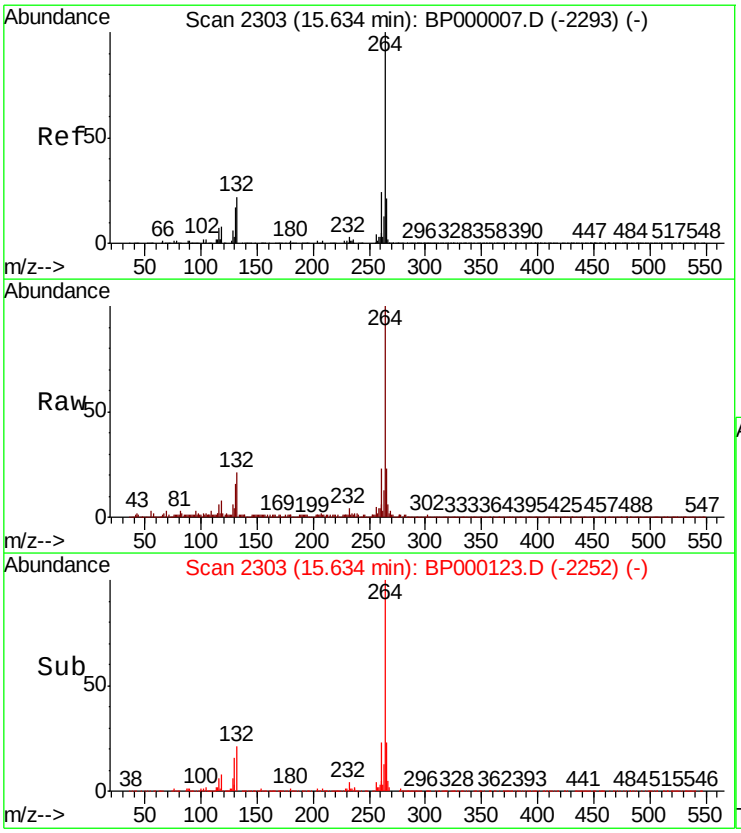
#86
Indeno(1,2,3-cd)pyrene
Concen: 15.864 ng
RT: 17.19 min Scan# 2567
Delta R.T. 0.00 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 1390000

Ion	Ratio	Lower	Upper
276	100		
138	27.3	26.5	39.7
277	24.7	20.3	30.5

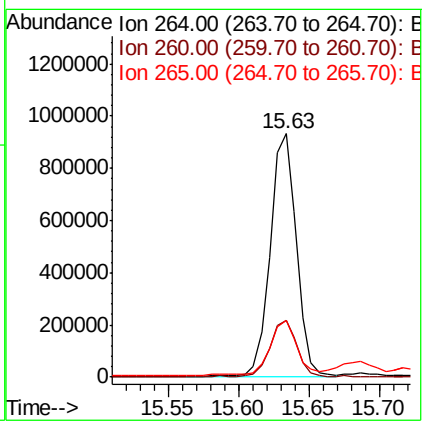


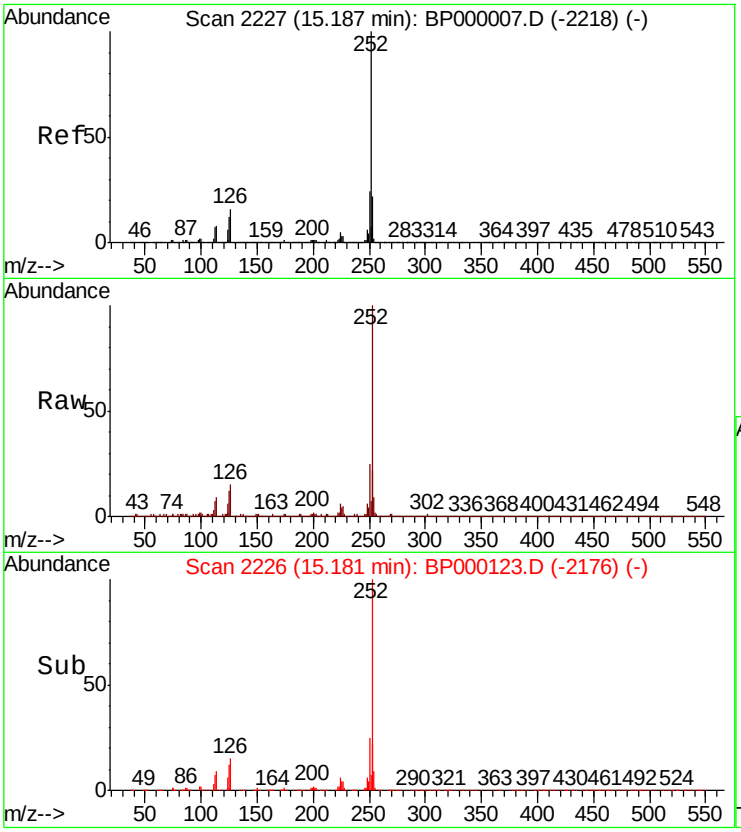


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Tgt Ion:264 Resp: 1205564

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	23.2	17.1	25.7



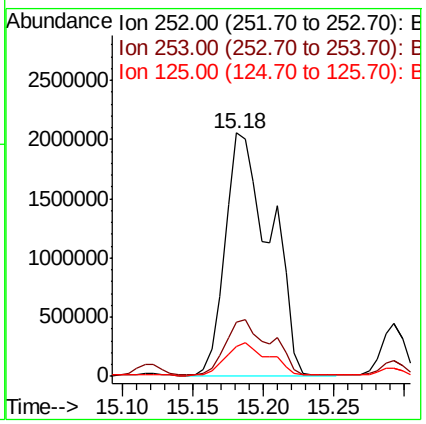


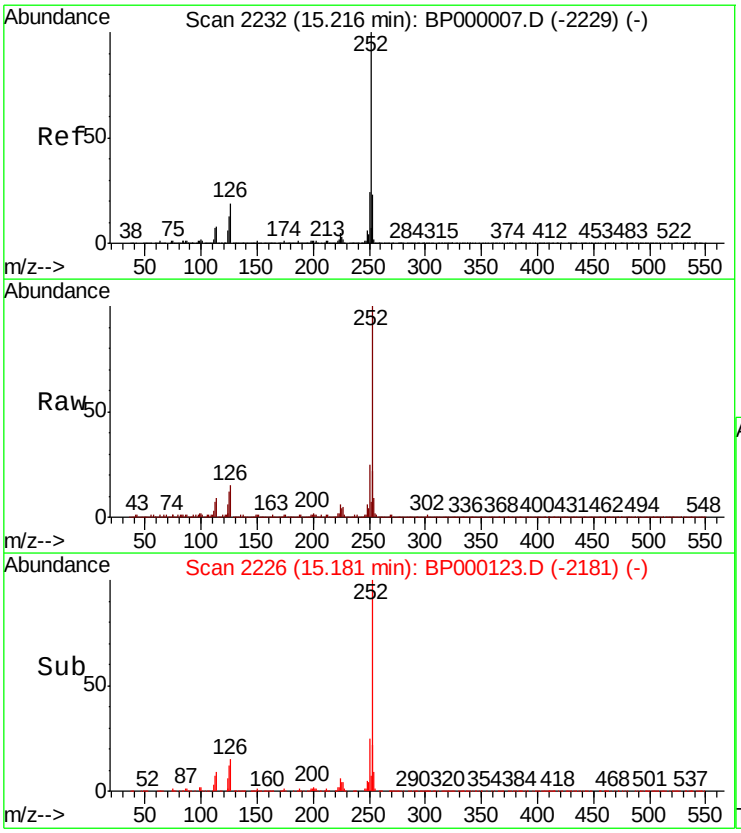
#88
Benzo(b)fluoranthene
Concen: 61.699 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 4543404

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	12.1	9.4	14.2

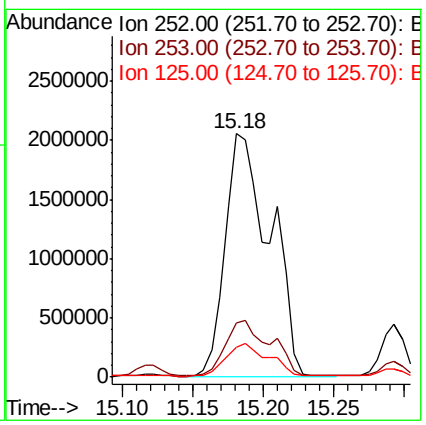


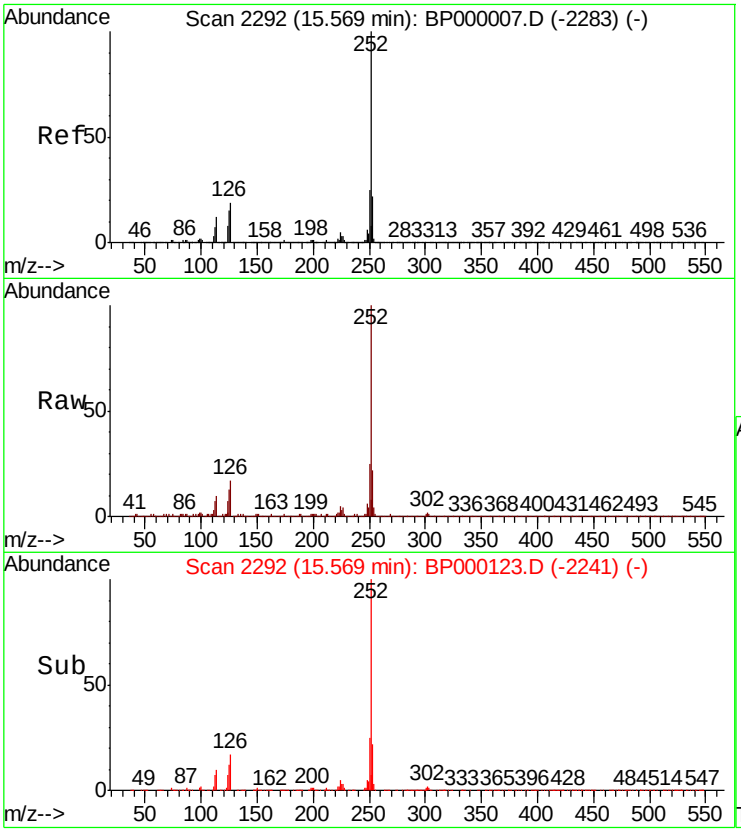


#89
Benzo(k)fluoranthene
Concen: 67.423 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.04 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Tgt Ion:252 Resp: 4543404

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	12.1	10.3	15.5



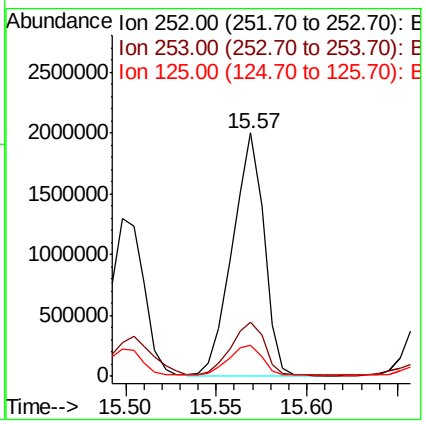


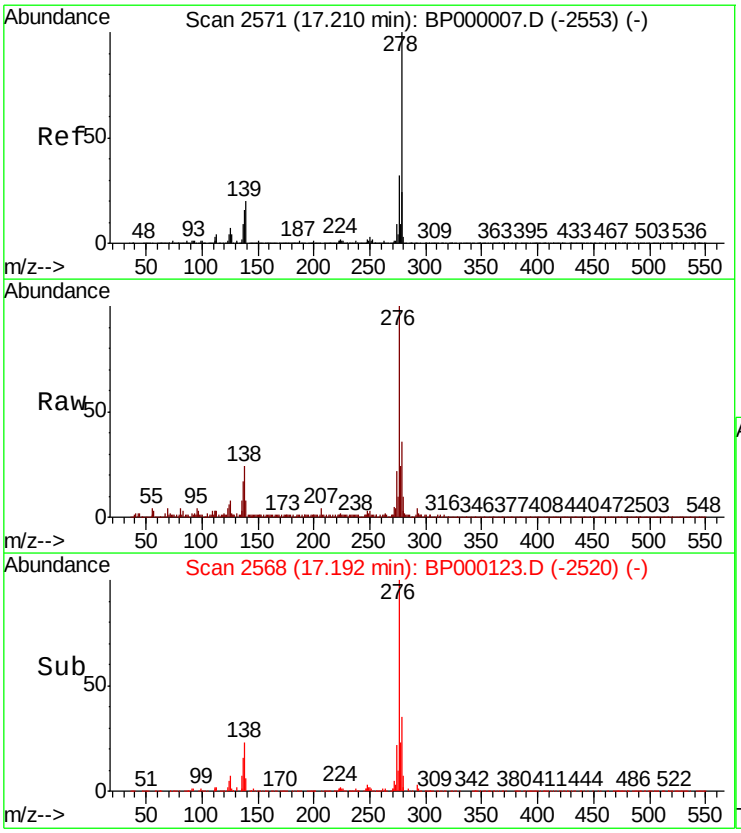
#90
Benzo(a)pyrene
Concen: 36.329 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 2414910

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	12.9	11.7	17.5

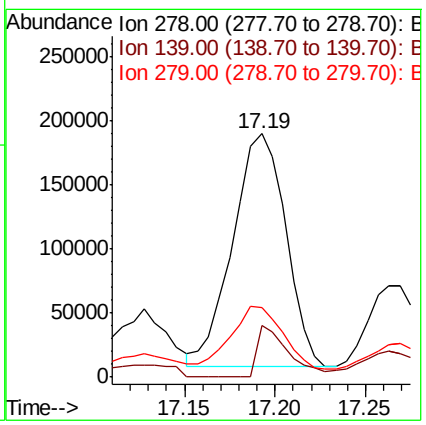


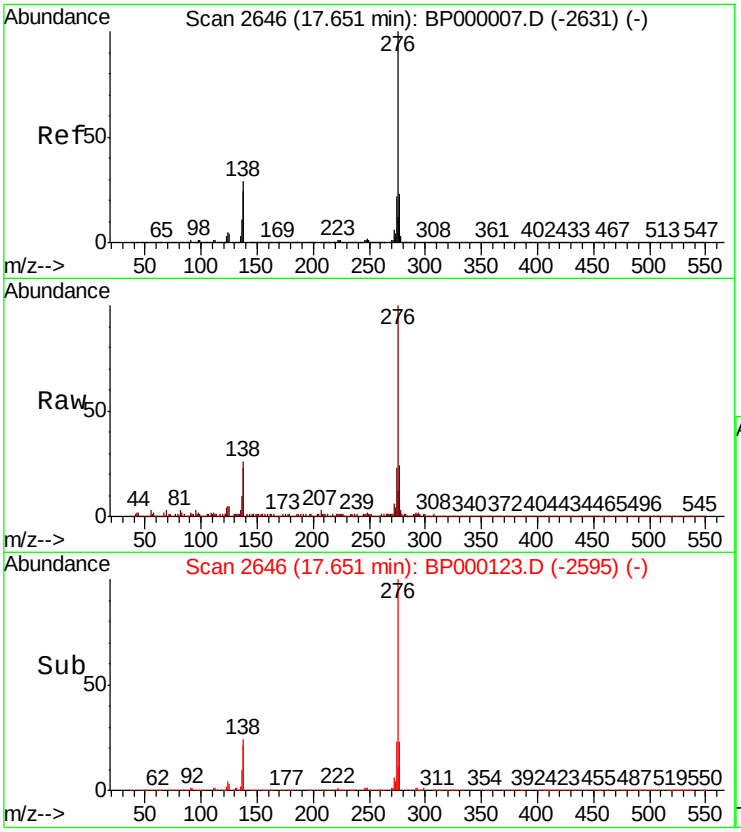


#91
Dibenzo(a,h)anthracene
Concen: 5.567 ng
RT: 17.19 min Scan# 2568
Delta R.T. -0.02 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Tgt Ion:278 Resp: 370055

Ion	Ratio	Lower	Upper
278	100		
139	21.4	16.4	24.6
279	28.6	19.2	28.8





#92
Benzo(g,h,i)perylene
Concen: 19.513 ng
RT: 17.65 min Scan# 2646
Delta R.T. 0.00 min
Lab File: BP000123.D
Acq: 09 Sep 2019 05:12

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 1283861

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	26.2	23.0	34.4