Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000116.D
Acq On : 09 Sep 2019 02:22
Operator : HP/JU
Sample : K4699-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 09 06:42:06 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	459429	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1748972	20.00	ng		-0.01
39) Acenaphthene-d10	9.93	164	947137	20.00	ng		-0.01
64) Phenanthrene-d10	11.43	188	1698642	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1228482	20.00	ng		-0.01
87) Perylene-d12	15.62	264	1381747	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	2105604	73.08	ng		0.00
7) Phenol-d6	6.51	99	2766696	76.07	ng		0.00
23) Nitrobenzene-d5	7.45	82	1558800	54.69	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	666404	83.47	ng		-0.01
45) 2-Fluorobiphenyl	9.25	172	3197101	56.37	ng		0.00
79) Terphenyl-d14	13.03	244	3277452	58.15	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	193115	9.329	ng	#	76
25) Isophorone	7.45	82	1558635	25.880	ng	#	66
32) Benzoic acid	7.95	122	4500	8.292	ng	#	18
49) Acenaphthylene	9.79	152	273701	3.323	ng		98
50) Dimethylphthalate	9.64	163	467497	7.243	ng		99
52) Acenaphthene	9.96	154	133218	2.578	ng		99
54) 2,4-Dinitrophenol	9.98	184	137	8.672	ng	#	1
55) Dibenzofuran	10.14	168	153533	2.092	ng		97
56) 4-Nitrophenol	10.14	139	56699	4.847	ng	#	10
57) 2,4-Dinitrotoluene	9.93	165	129206	7.388	ng	#	21
58) Fluorene	10.48	166	206954	3.747	ng		99
65) 4,6-Dinitro-2-methylphenol	10.55	198	85	7.735	ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	47446	2.748	ng	#	1
69) Atrazine	11.13	200	445	Below Cal		#	1
71) Phenanthrene	11.46	178	4079484	48.185	ng		99
72) Anthracene	11.50	178	1082403	12.942	ng		98
73) Carbazole	11.66	167	520744	6.596	ng		97
75) Fluoranthene	12.66	202	5241251	56.968	ng		97
78) Pyrene	12.89	202	4963069	54.916	ng		99
81) Benzo(a)anthracene	14.09	228	2645634	33.234	ng		98
83) Chrysene	14.13	228	2352081	31.238	ng		97
86) Indeno(1,2,3-cd)pyrene	17.17	276	1621223	17.183	ng		93
88) Benzo(b)fluoranthene	15.17	252	3891757	46.111	ng		99
89) Benzo(k)fluoranthene	15.17	252	3891757	50.389	ng		99
90) Benzo(a)pyrene	15.56	252	2261569	29.684	ng		97
91) Dibenzo(a,h)anthracene	17.18	278	372875	4.894	ng		95
92) Benzo(g,h,i)perylene	17.63	276	1627086	21.576	ng		96

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

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Instrument :
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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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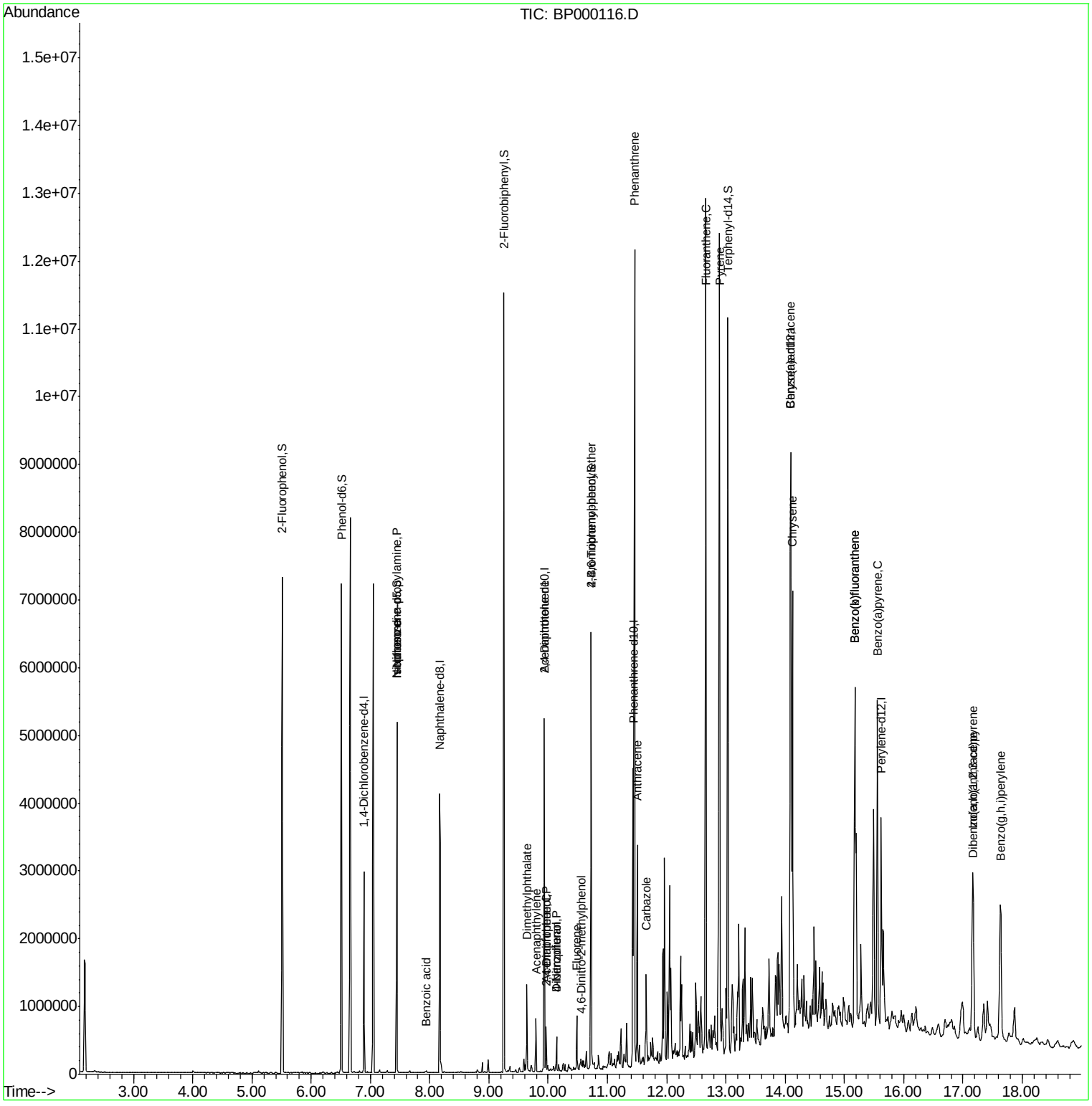
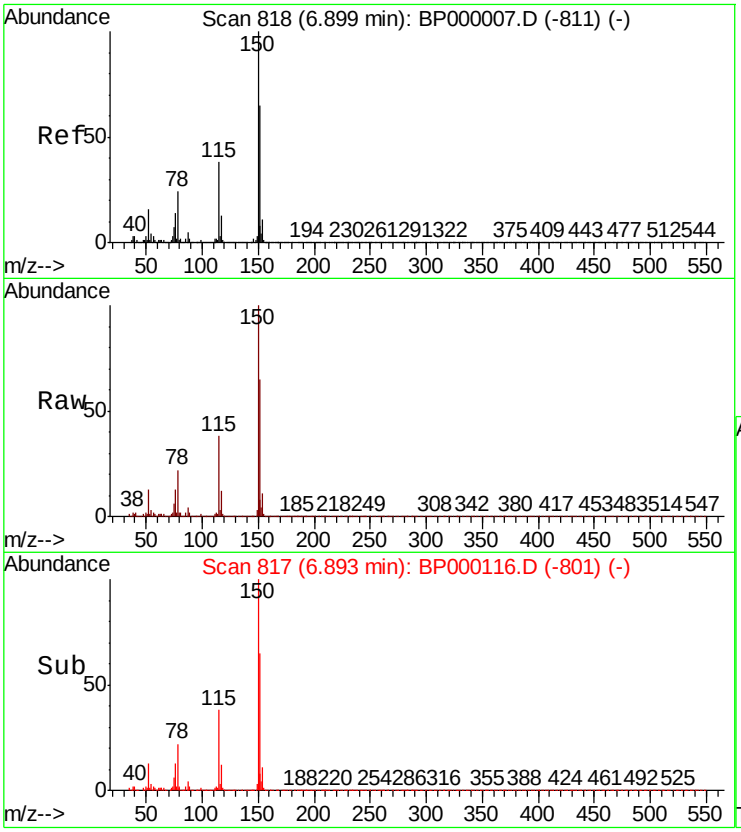


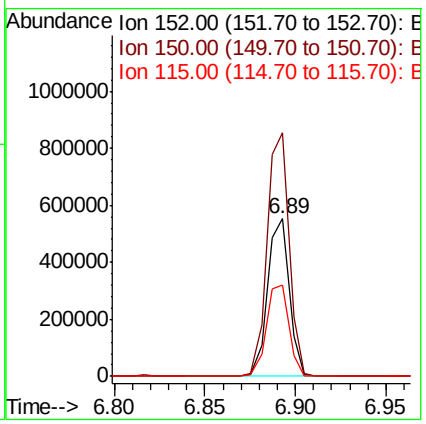


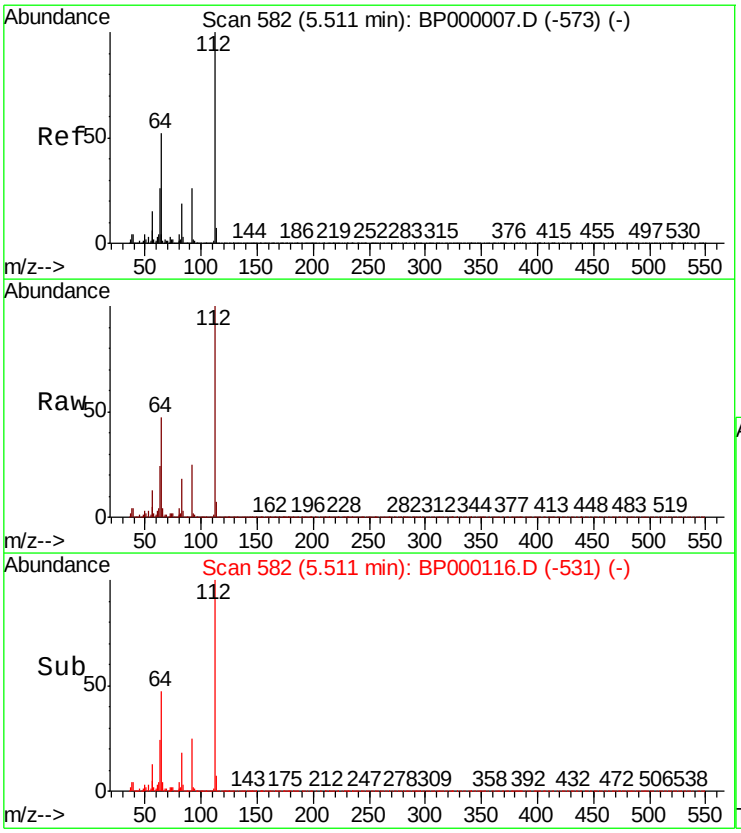
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 459429

Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.0	184.6
115	58.1	46.7	70.1

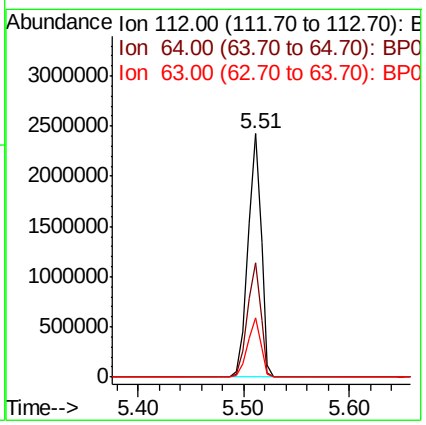


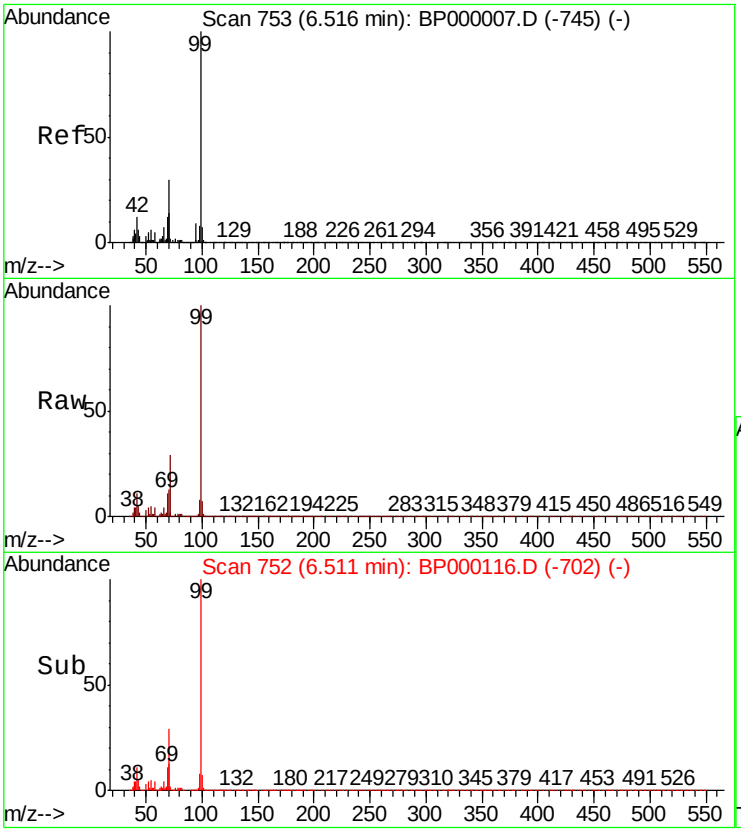


#5
2-Fluorophenol
Concen: 73.083 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.00 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Tgt Ion:112 Resp: 2105604

Ion	Ratio	Lower	Upper
112	100		
64	46.9	41.8	62.8
63	24.4	21.0	31.4



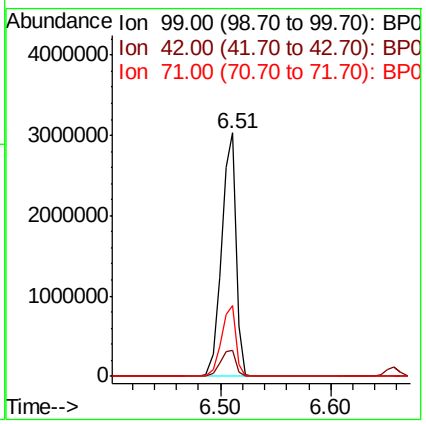


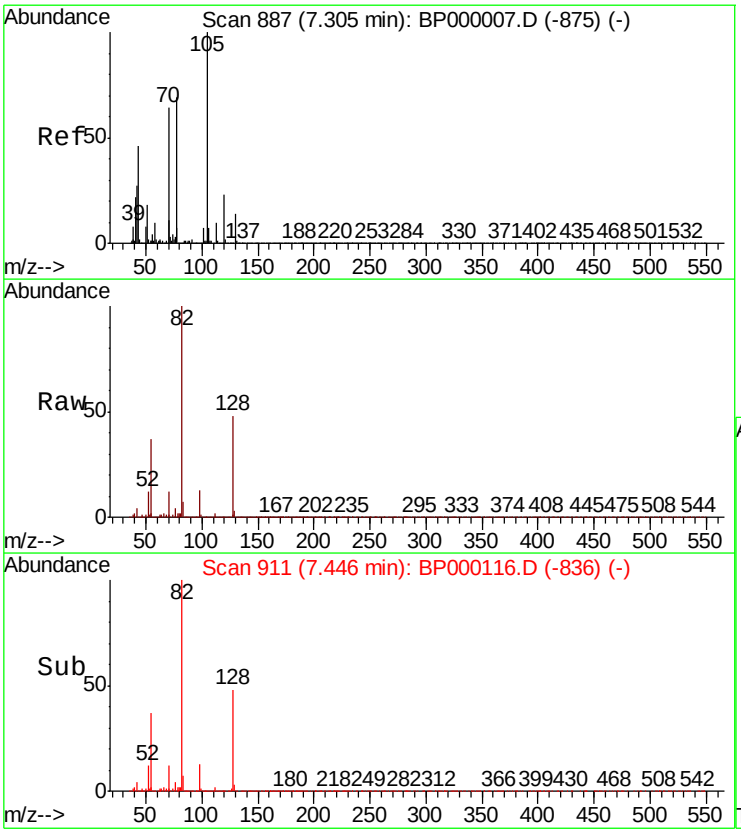
#7
Phenol-d6
Concen: 76.067 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 2766696

Ion	Ratio	Lower	Upper
99	100		
42	10.9	9.8	14.8
71	28.9	23.8	35.8

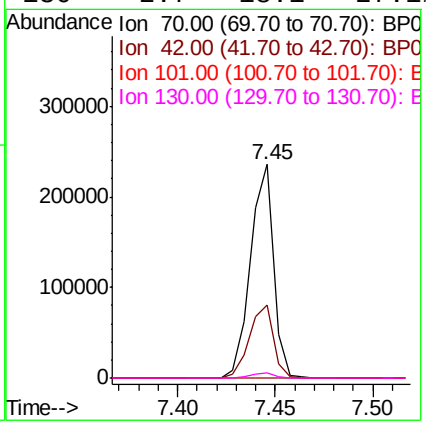


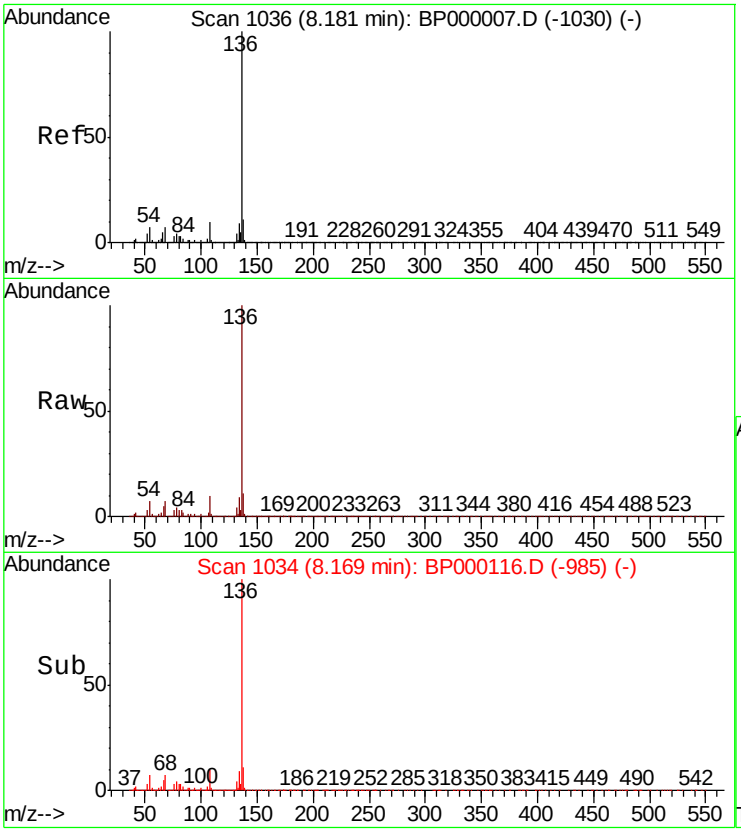


#19
n-Nitroso-di-n-propylamine
Concen: 9.329 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Tgt Ion: 70 Resp: 193115

Ion	Ratio	Lower	Upper
70	100		
42	33.9	33.8	50.6
101	0.1	8.7	13.1#
130	2.7	18.1	27.1#



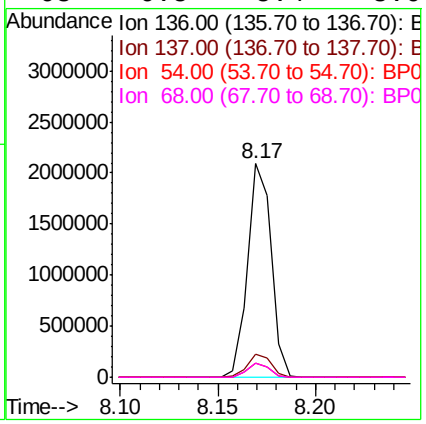


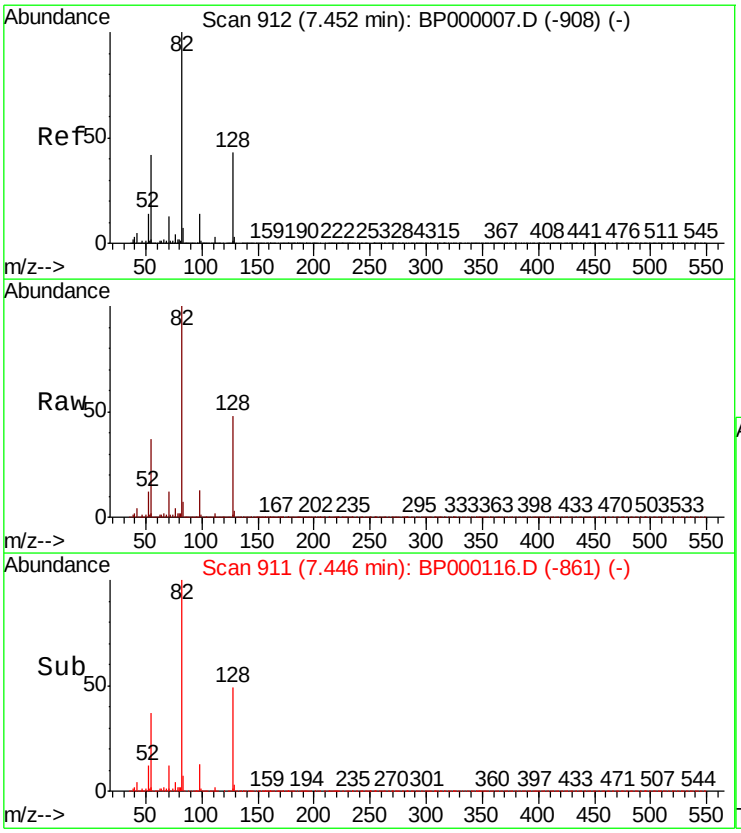
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 1748972

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.6	5.4	8.2
68	6.5	5.4	8.0

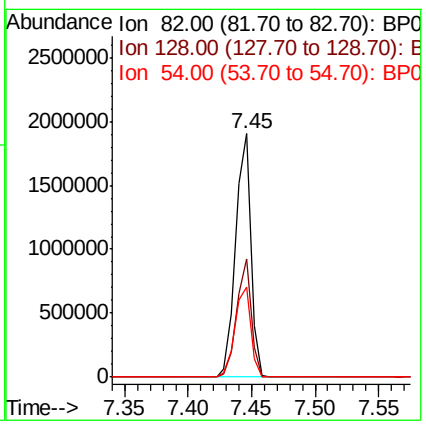


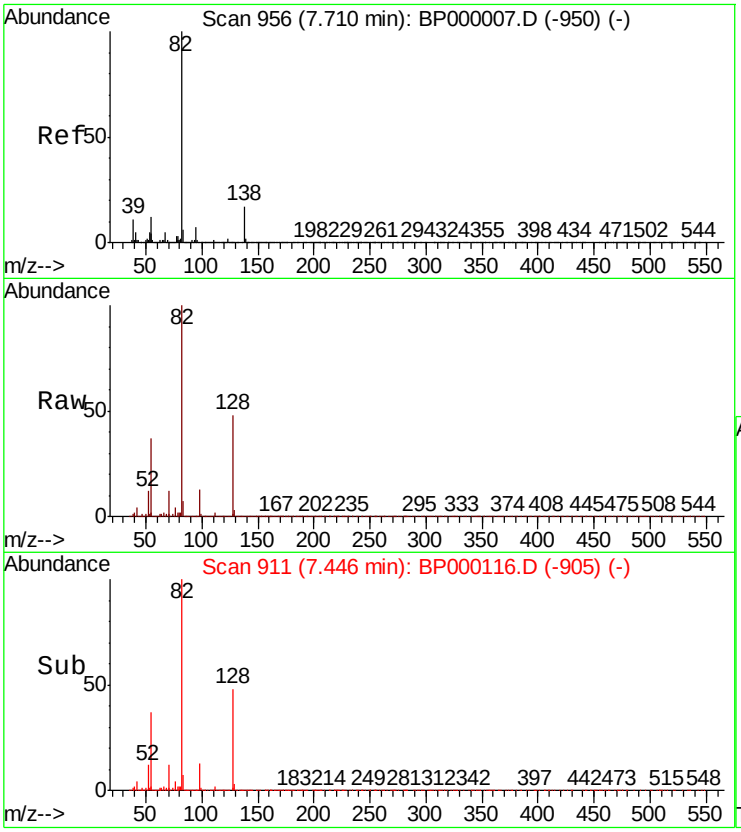


#23
Nitrobenzene-d5
Concen: 54.688 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Tgt Ion: 82 Resp: 1558800

Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.5	51.7
54	37.0	33.2	49.8



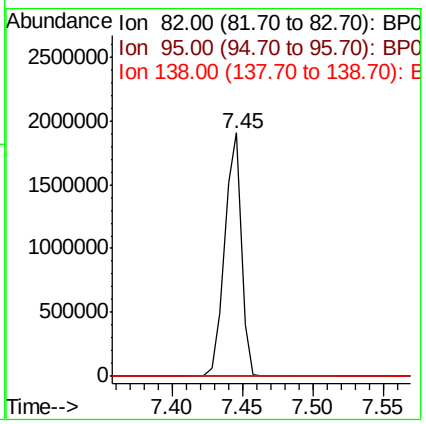


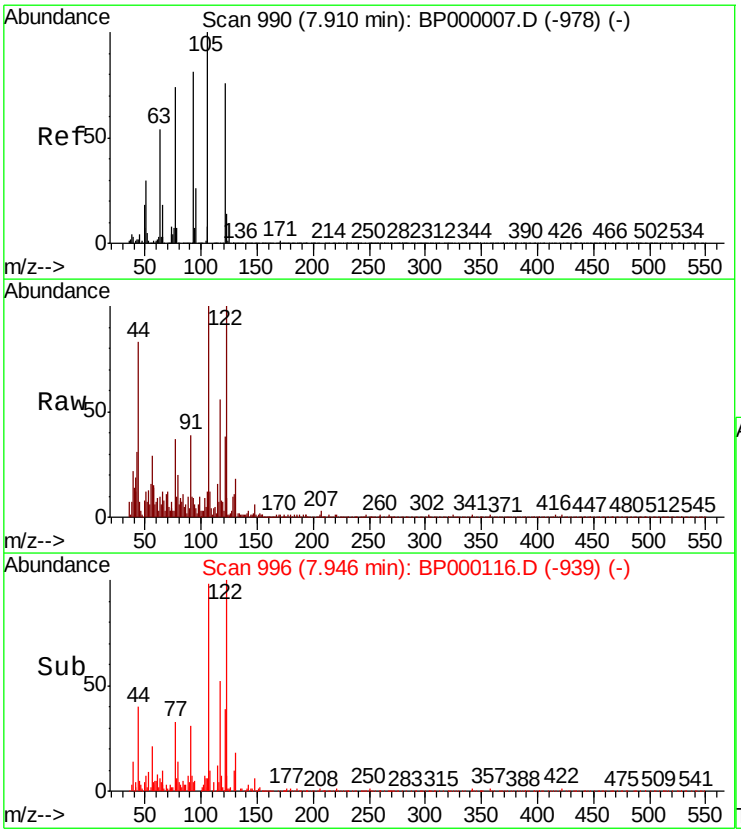
#25
Isophorone
Concen: 25.880 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1558635

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

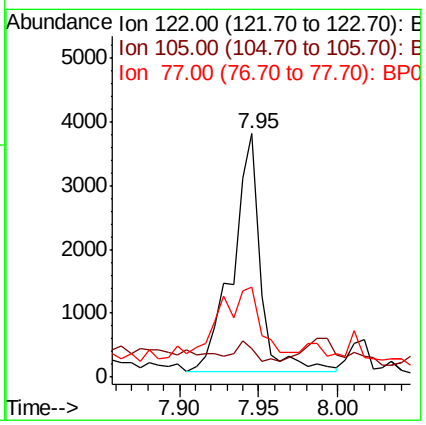


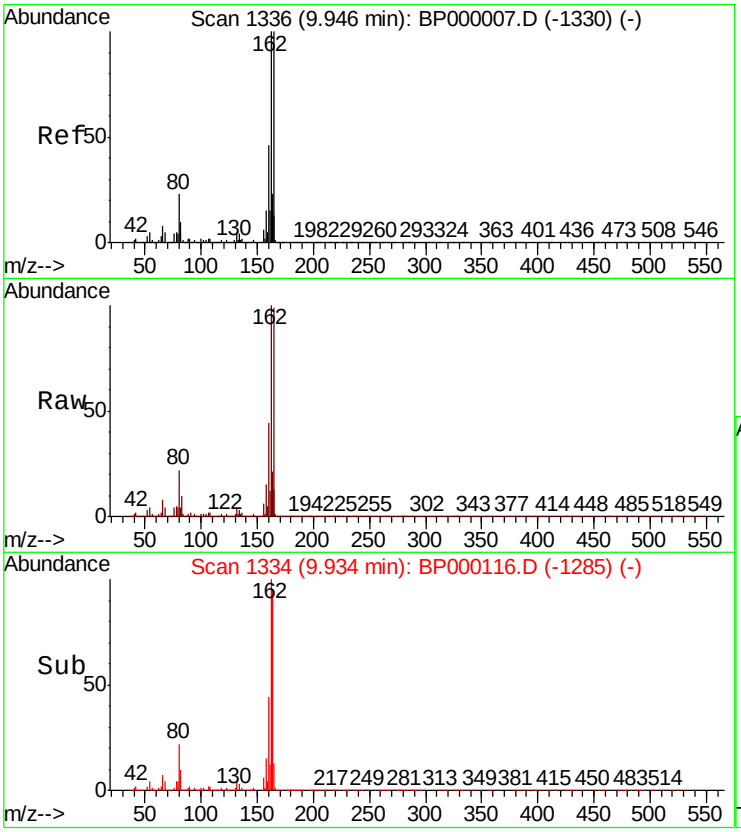


#32
Benzoic acid
Concen: 8.292 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.04 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Tgt Ion:122 Resp: 4500

Ion	Ratio	Lower	Upper
122	100		
105	11.6	104.6	144.6#
77	37.1	74.1	114.1#



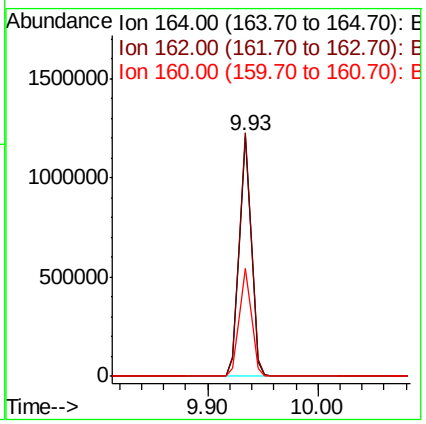


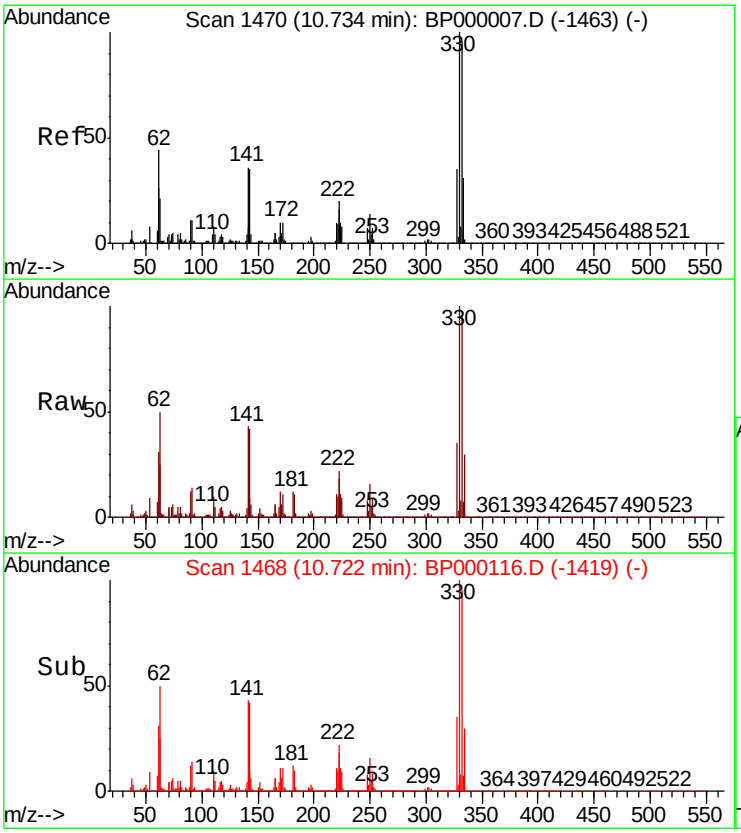
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 947137

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.2	120.4
160	45.1	36.6	55.0

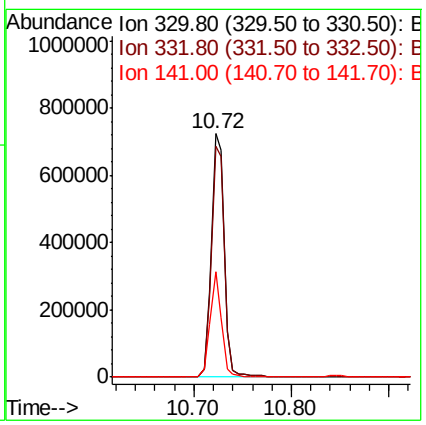


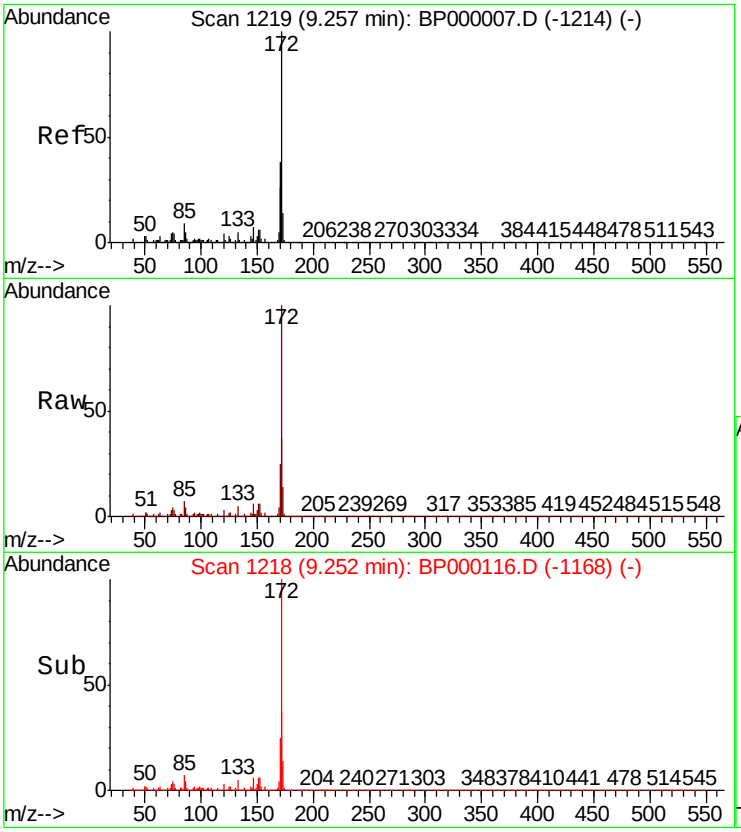


#42
2,4,6-Tribromophenol
Concen: 83.474 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Tgt Ion:330 Resp: 666404

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.8	115.2
141	38.3	33.6	50.4



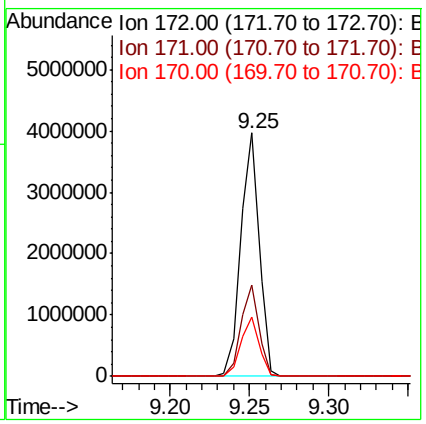


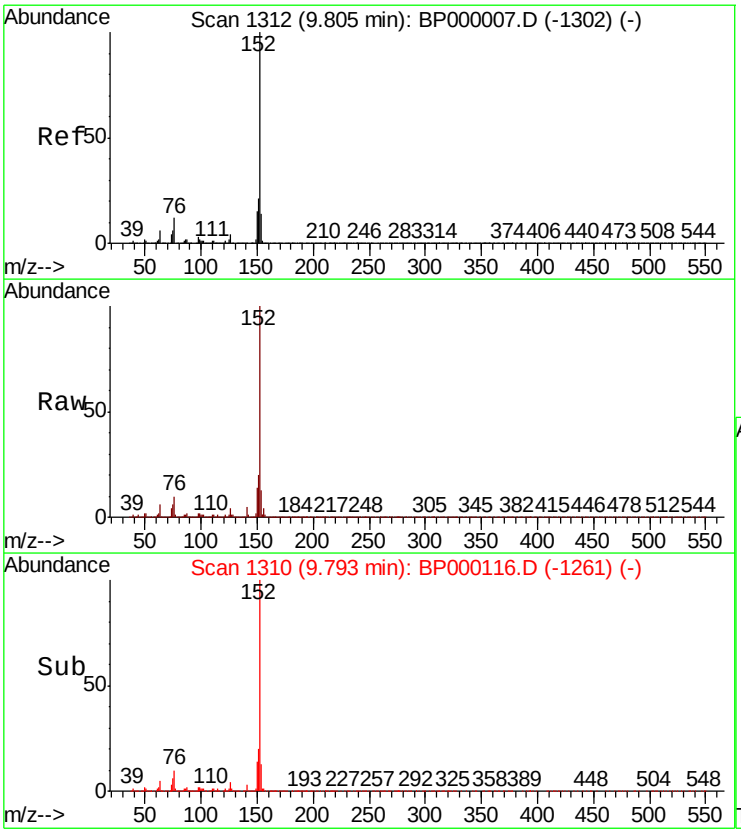
#45
2-Fluorobiphenyl
Concen: 56.371 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 3197101

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.7	46.1
170	24.5	20.7	31.1

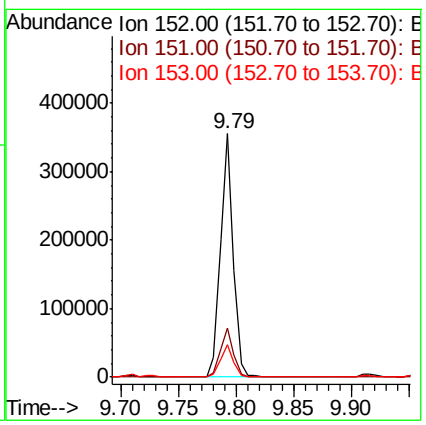


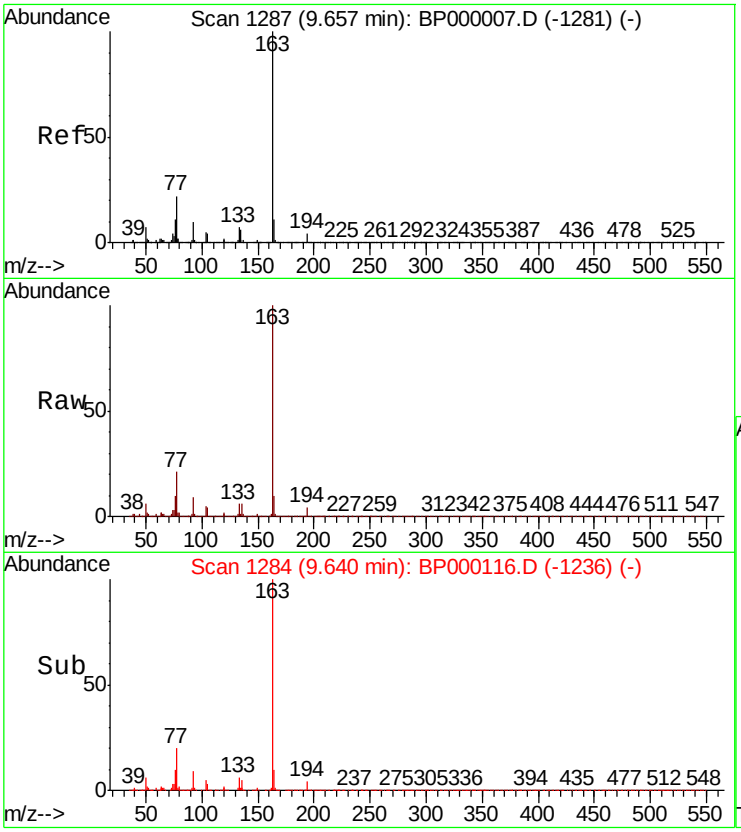


#49
Acenaphthylene
Concen: 3.323 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Tgt Ion:152 Resp: 273701

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.0	25.6
153	13.4	11.0	16.6



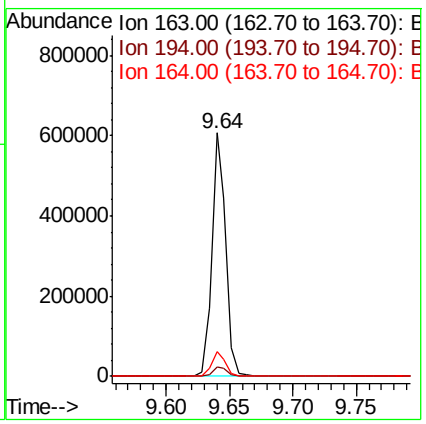


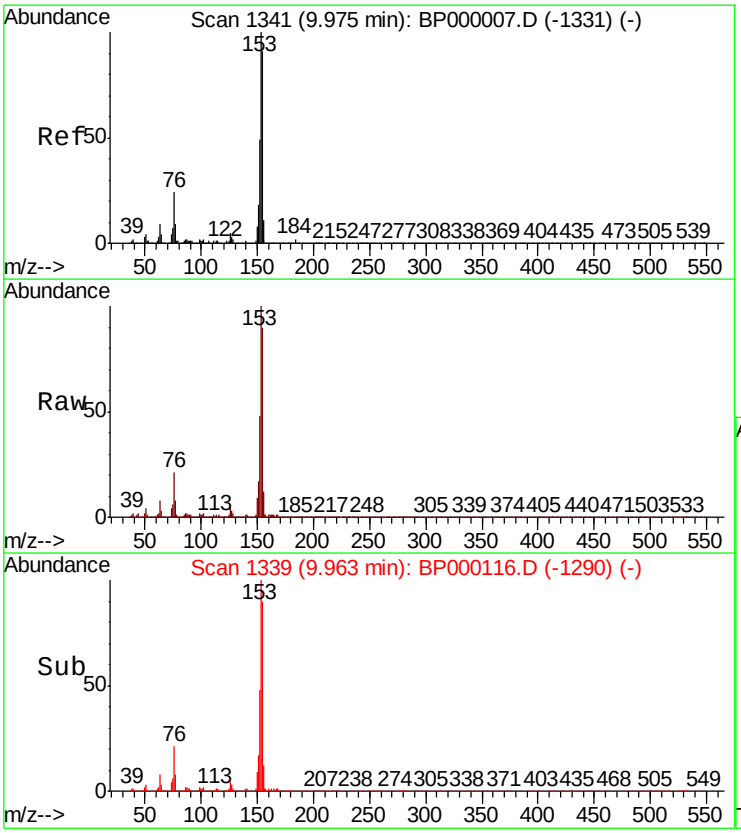
#50
Dimethylphthalate
Concen: 7.243 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 467497

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.0	8.4	12.6

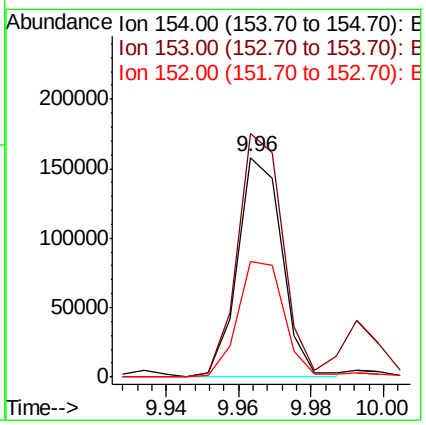


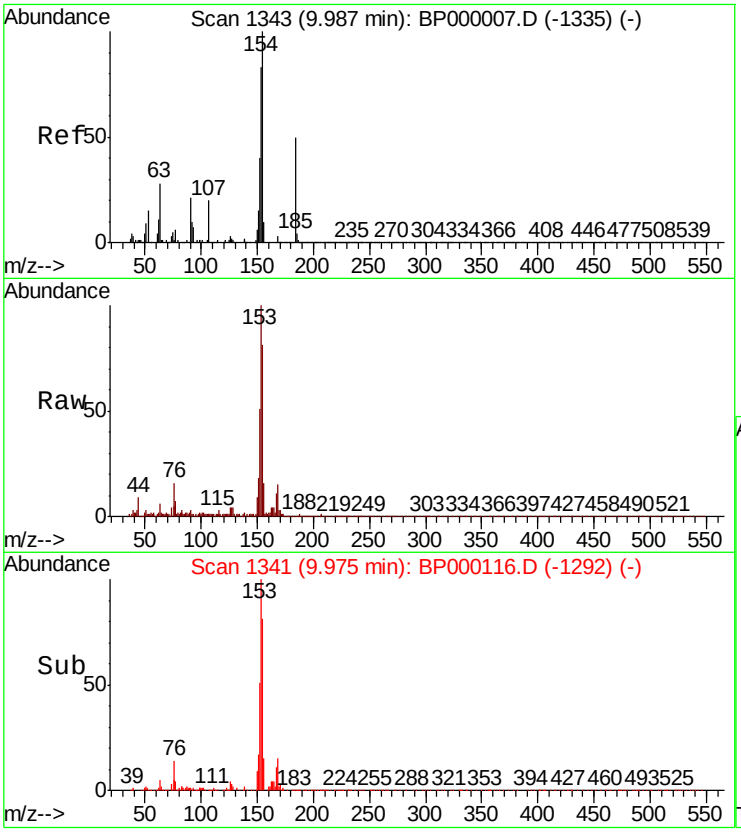


#52
Acenaphthene
Concen: 2.578 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Tgt Ion:154 Resp: 133218

Ion	Ratio	Lower	Upper
154	100		
153	111.0	88.2	132.2
152	53.0	42.9	64.3



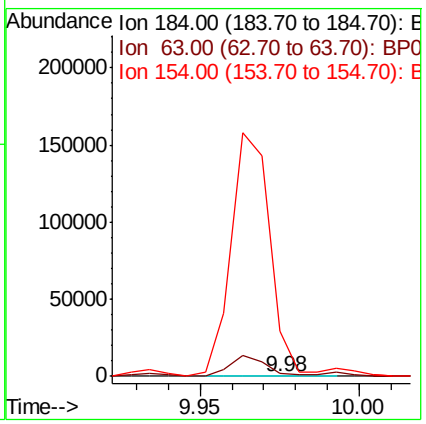


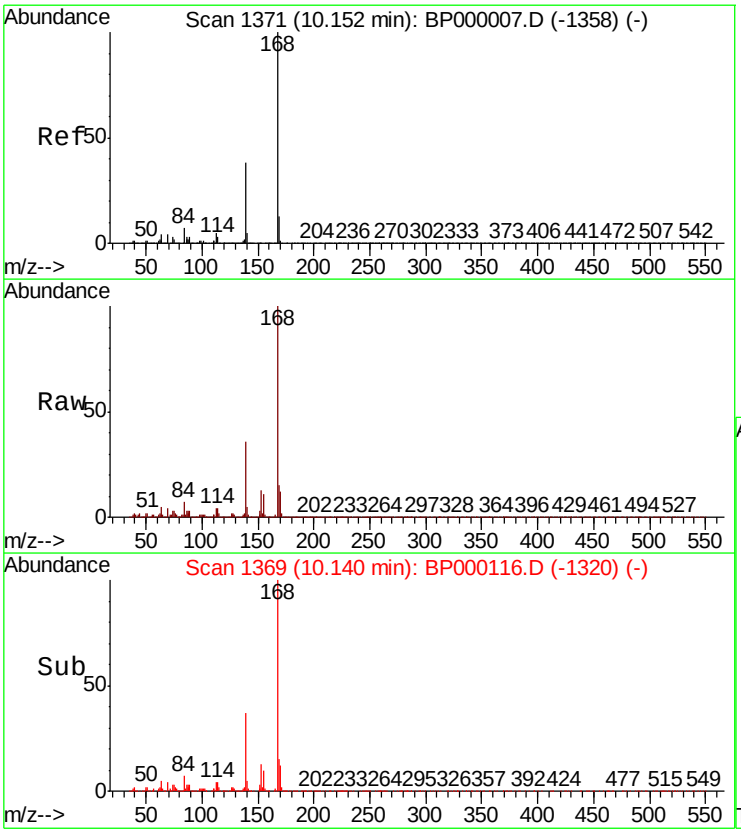
#54
2,4-Dinitrophenol
Concen: 8.672 ng
RT: 9.98 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:184 Resp: 137

Ion	Ratio	Lower	Upper
184	100		
63	2538.2	46.0	69.0#
154	33294.4	161.9	242.9#

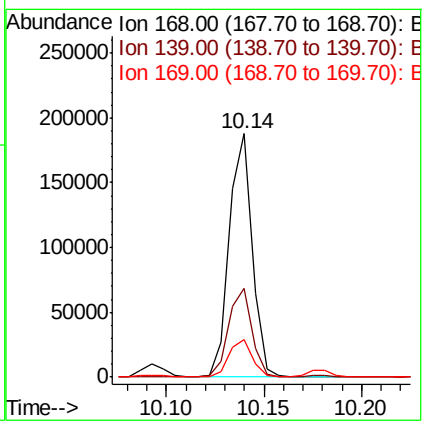


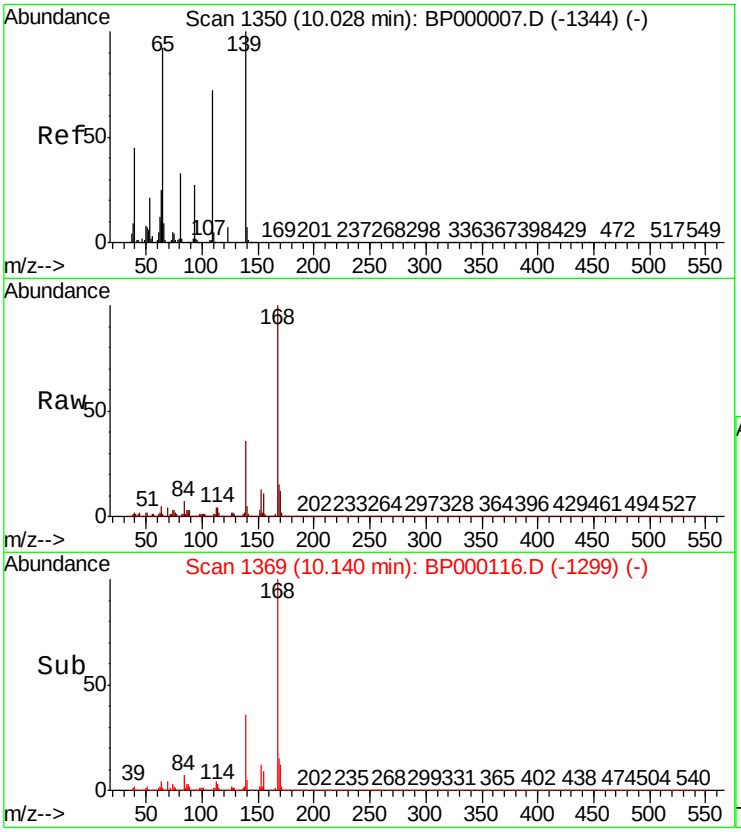


#55
Dibenzofuran
Concen: 2.092 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Tgt Ion:168 Resp: 153533

Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.2	45.2
169	15.4	10.7	16.1



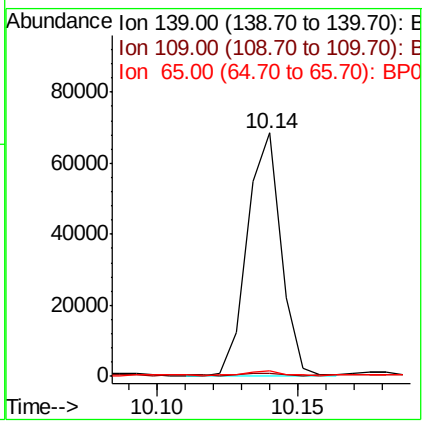


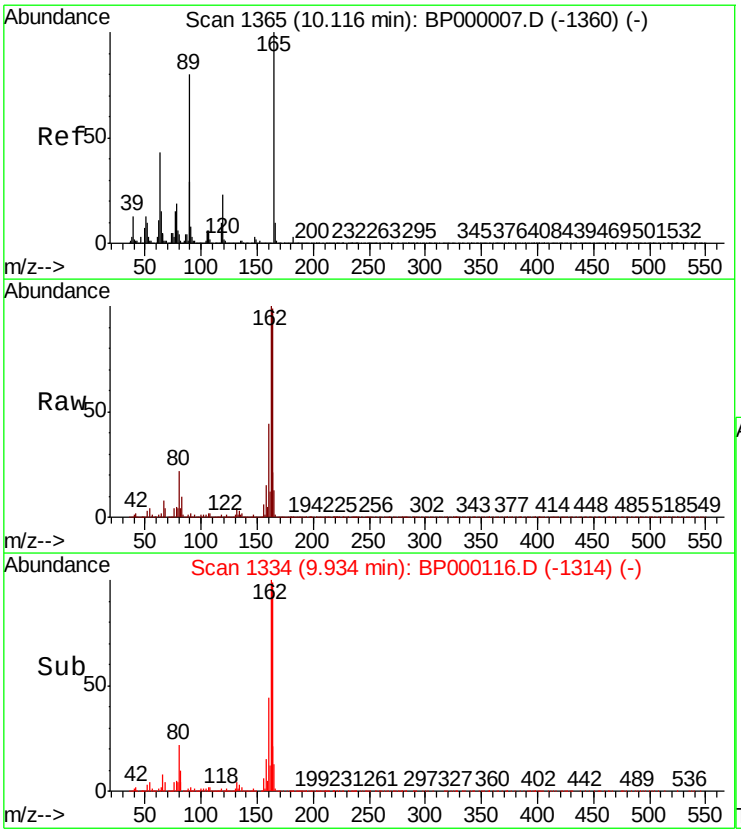
#56
4-Nitrophenol
Concen: 4.847 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.11 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:139 Resp: 56699

Ion	Ratio	Lower	Upper
139	100		
109	1.2	52.4	92.4#
65	2.3	72.2	112.2#

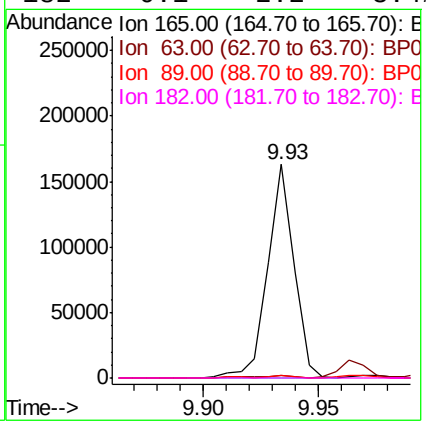


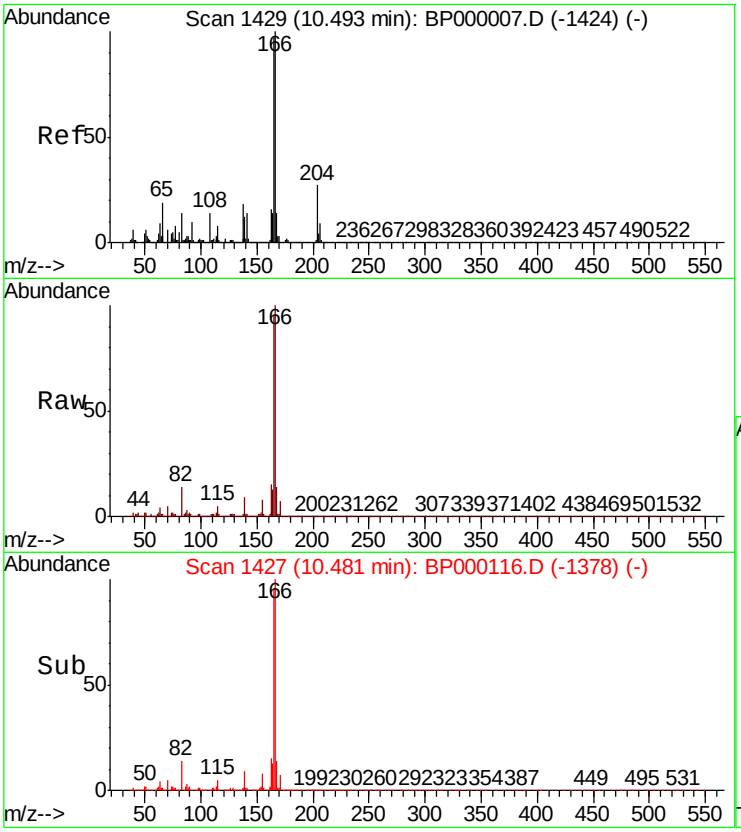


#57
2,4-Dinitrotoluene
Concen: 7.388 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Tgt Ion:165 Resp: 129206

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.4	51.6#
89	1.3	64.3	96.5#
182	0.1	2.2	3.4#



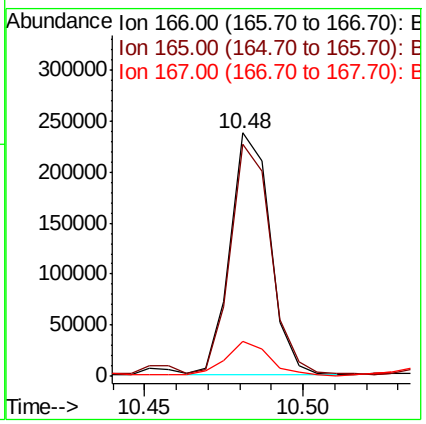


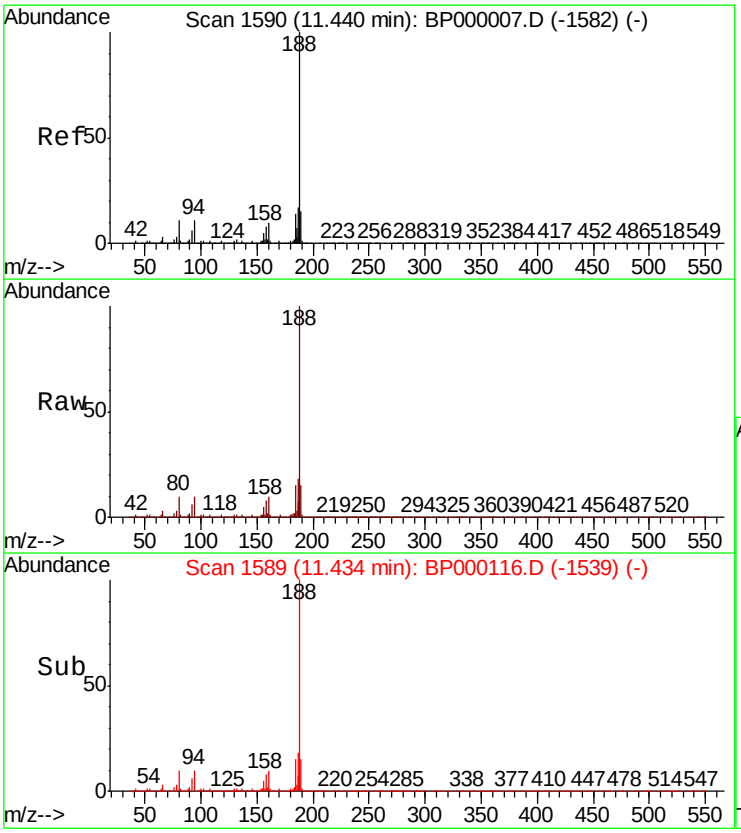
#58
Fluorene
Concen: 3.747 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 206954

Ion	Ratio	Lower	Upper
166	100		
165	95.5	77.3	115.9
167	14.2	11.0	16.6

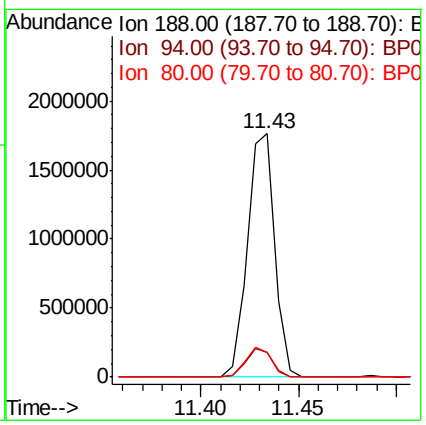


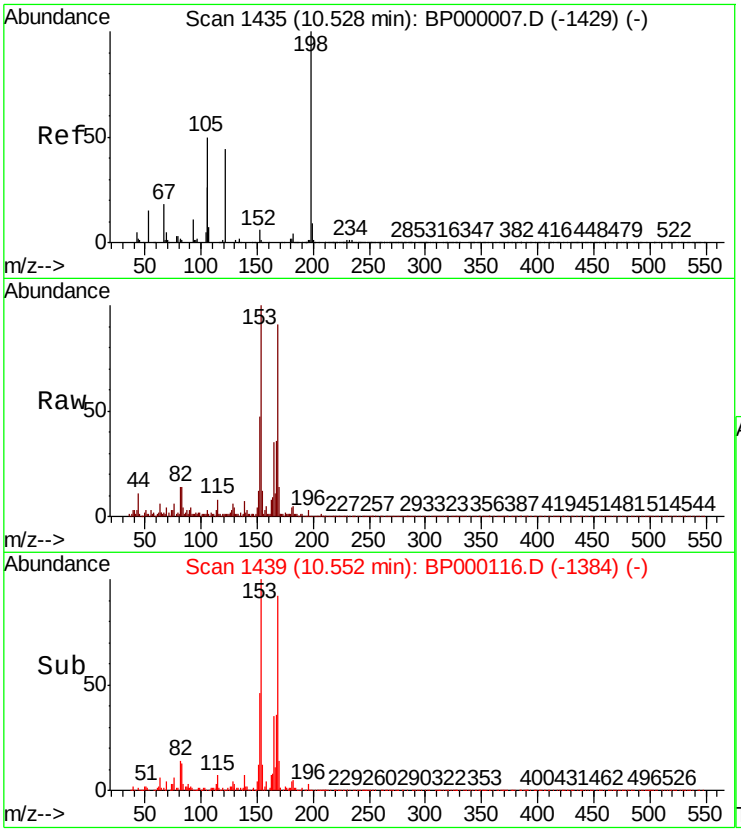


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Tgt Ion:188 Resp: 1698642

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.8	13.2
80	10.1	9.0	13.6



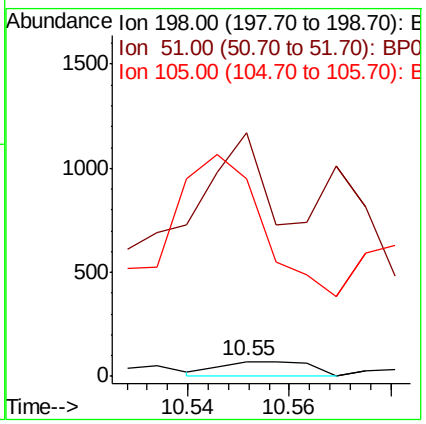


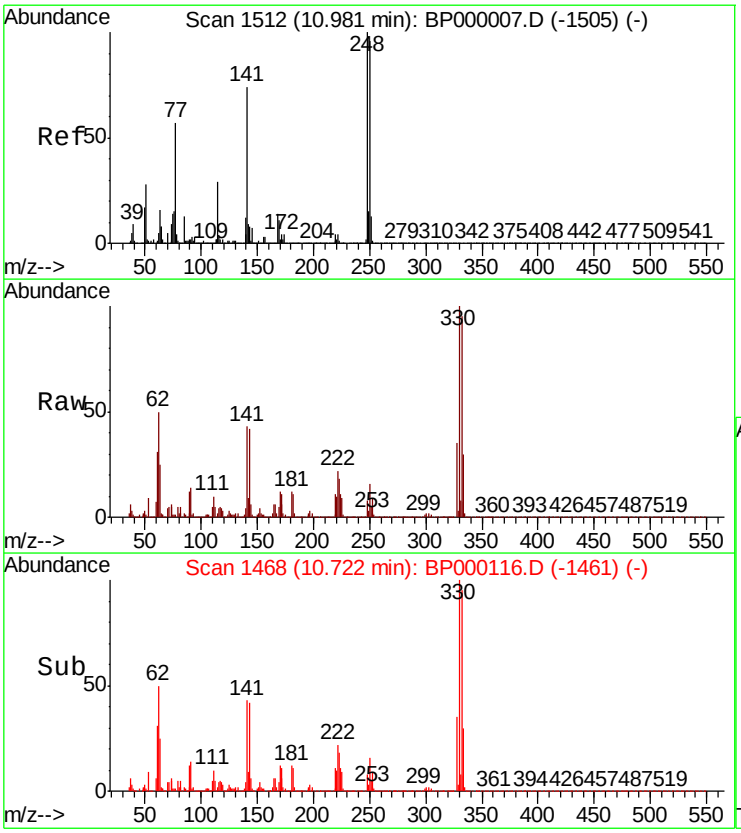
#65
4,6-Dinitro-2-methylphenol
Concen: 7.735 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.02 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:198 Resp: 85

Ion	Ratio	Lower	Upper
198	100		
51	1671.4	22.1	62.1#
105	1355.7	32.0	72.0#

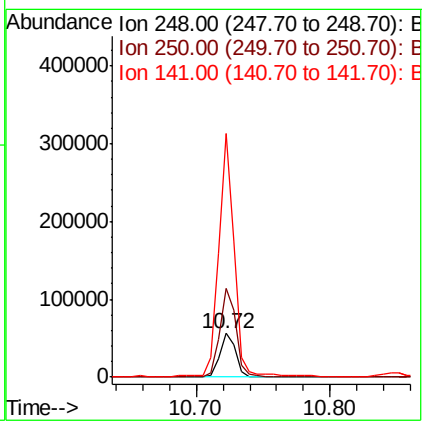


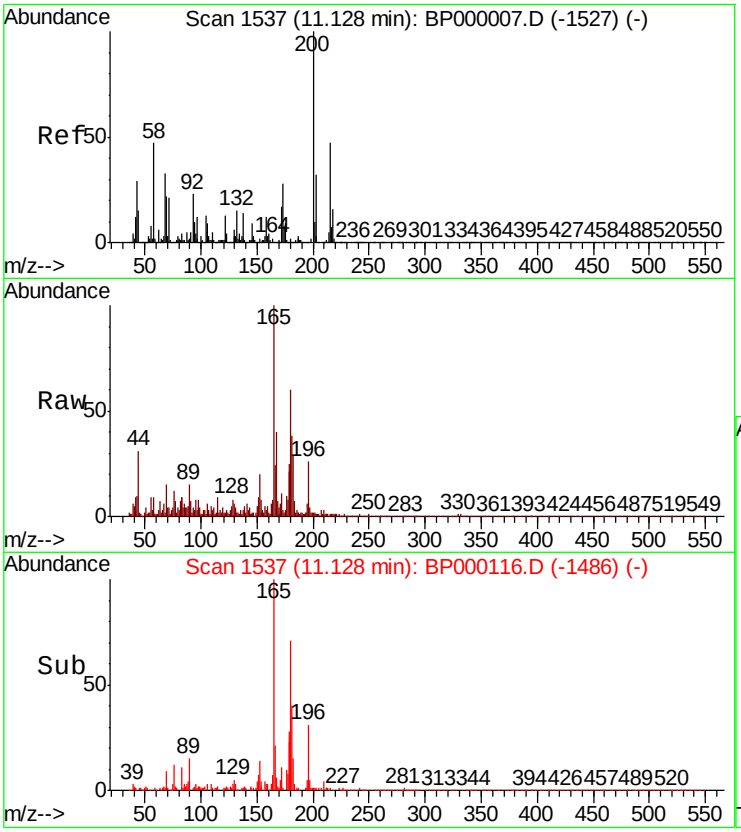


#67
4-Bromophenyl-phenylether
Concen: 2.748 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.26 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Tgt Ion:248 Resp: 47446

Ion	Ratio	Lower	Upper
248	100		
250	202.2	77.1	115.7#
141	558.7	59.5	89.3#



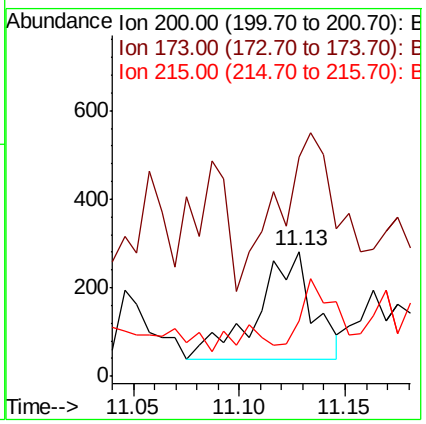


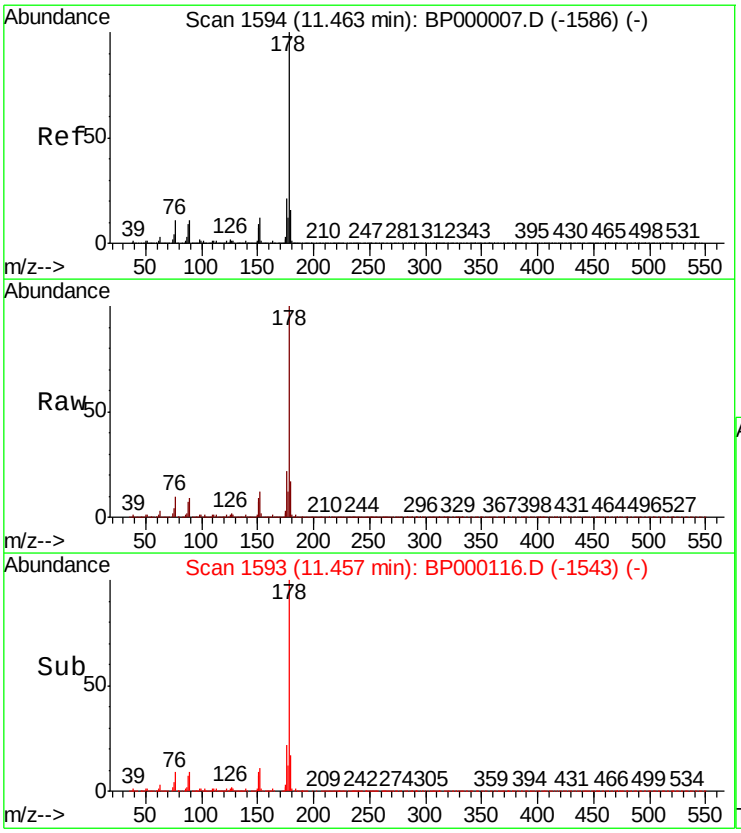
#69
Atrazine
Concen: Below Cal
RT: 11.13 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:200 Resp: 445

Ion	Ratio	Lower	Upper
200	100		
173	175.5	8.1	48.1#
215	44.7	26.7	66.7

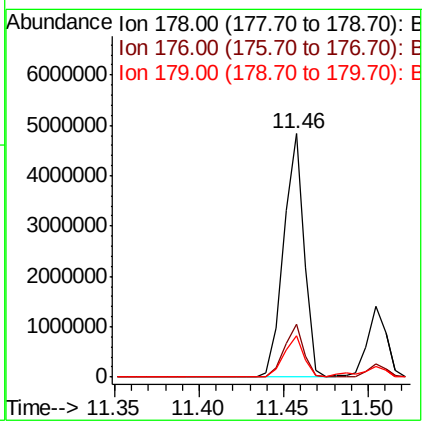


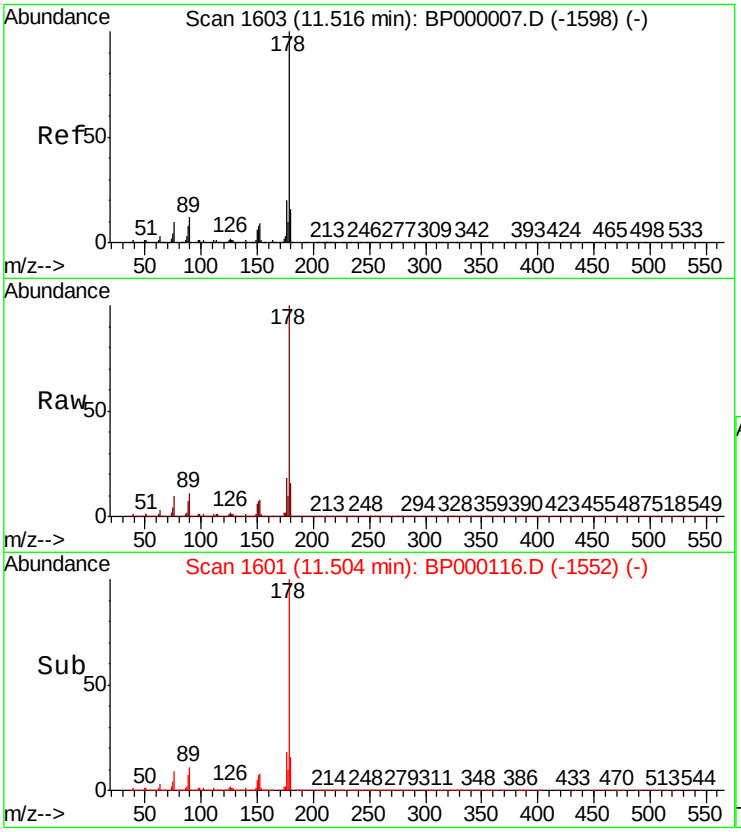


#71
Phenanthrene
Concen: 48.185 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Tgt Ion:178 Resp: 4079484

Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.7	25.1
179	17.0	13.1	19.7



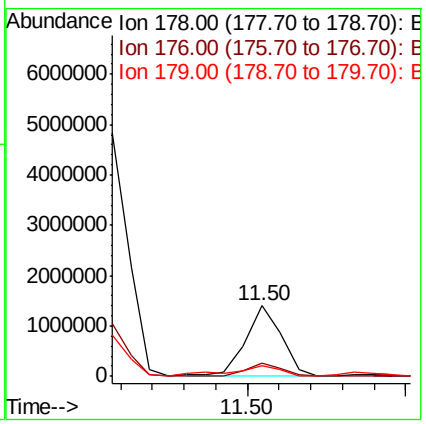


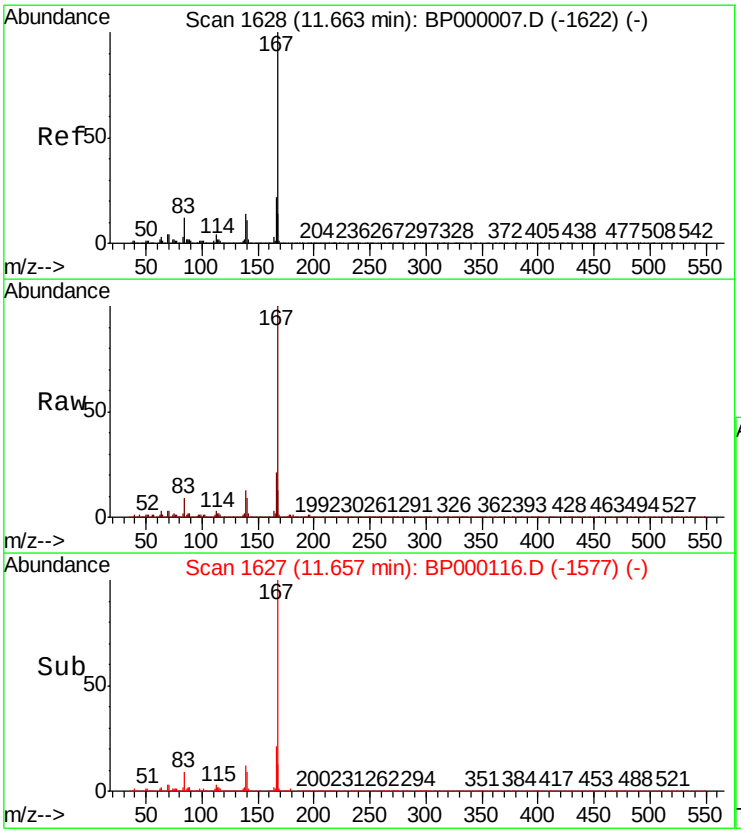
#72
Anthracene
Concen: 12.942 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 1082403

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.9	23.9
179	15.7	13.0	19.6

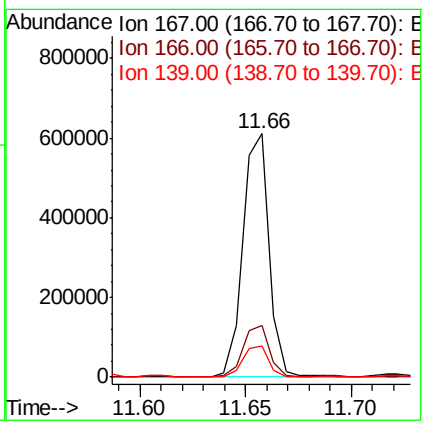


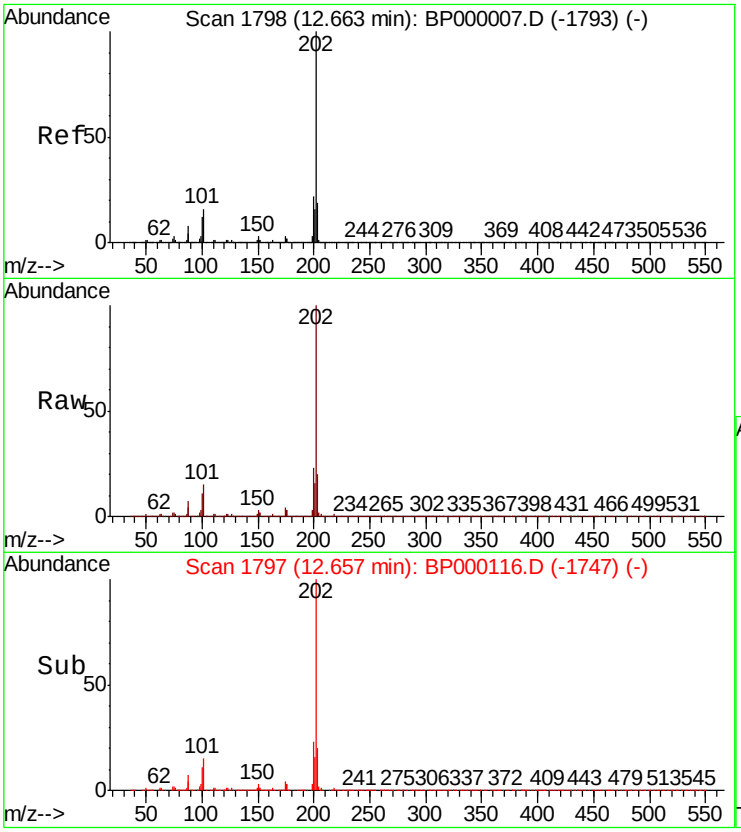


#73
Carbazole
Concen: 6.596 ng
RT: 11.66 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Tgt Ion:167 Resp: 520744

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.9	26.9
139	12.5	11.4	17.2



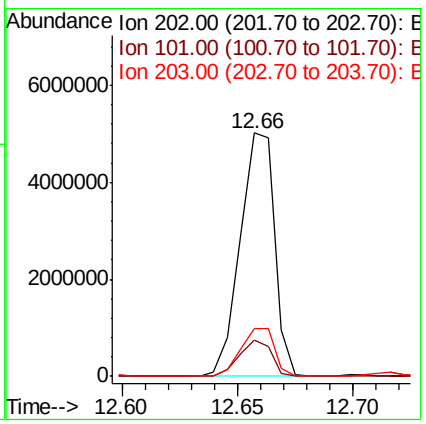


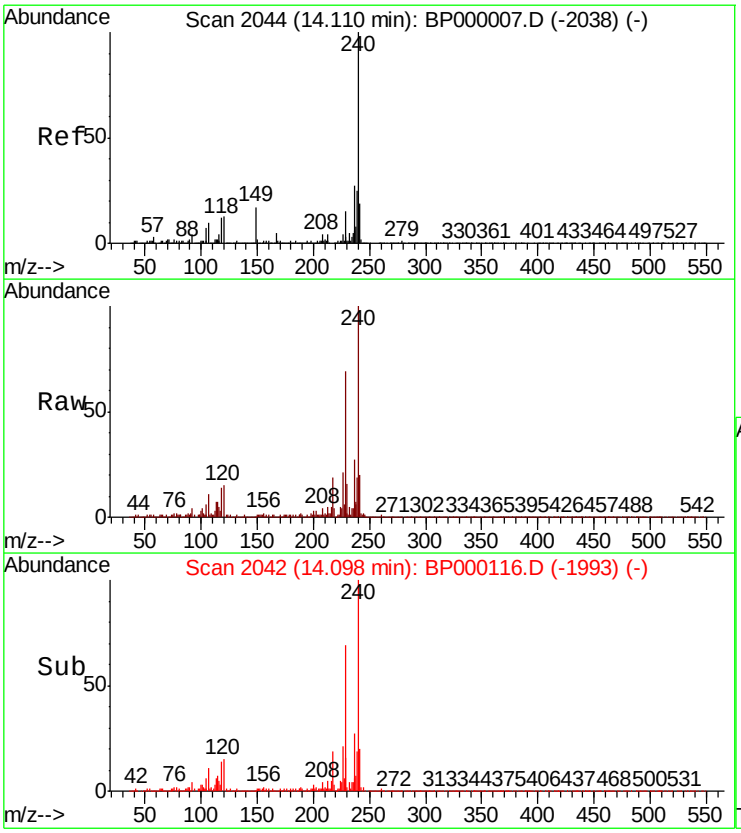
#75
Fluoranthene
Concen: 56.968 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 5241251

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	36.4
203	19.9	0.0	38.7

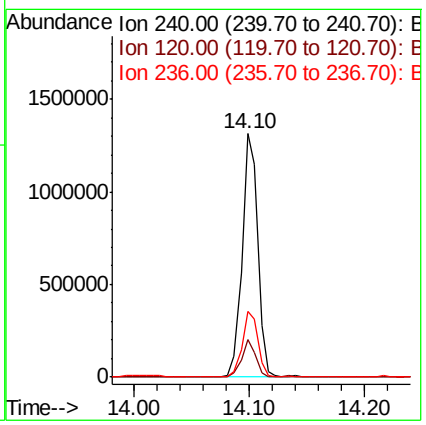


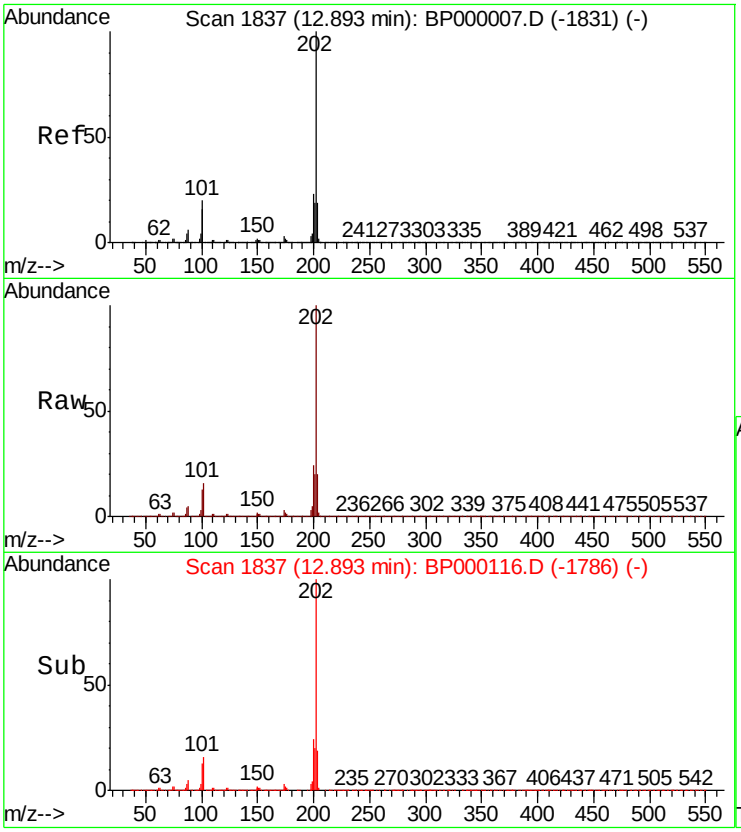


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Tgt Ion:240 Resp: 1228482

Ion	Ratio	Lower	Upper
240	100		
120	15.4	10.5	15.7
236	27.0	21.5	32.3



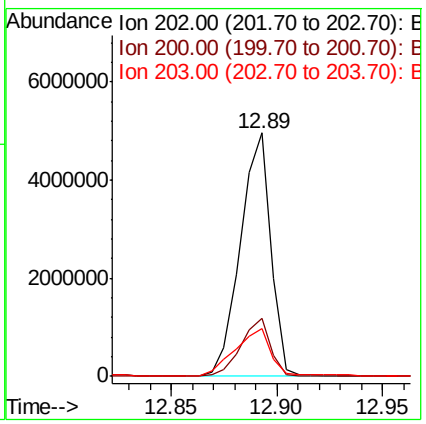


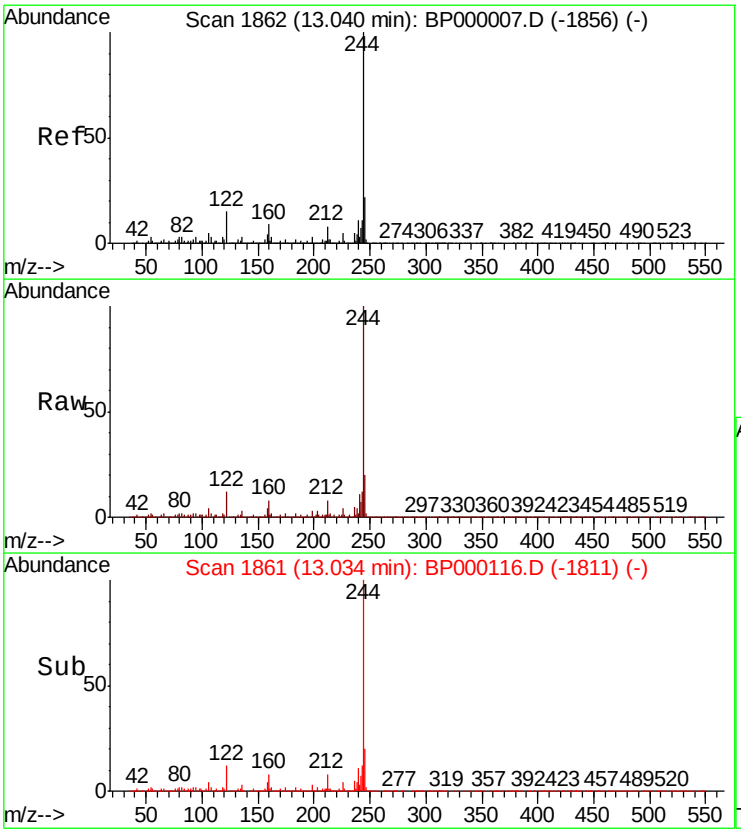
#78
Pyrene
Concen: 54.916 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 4963069

Ion	Ratio	Lower	Upper
202	100		
200	23.7	18.5	27.7
203	19.5	15.1	22.7

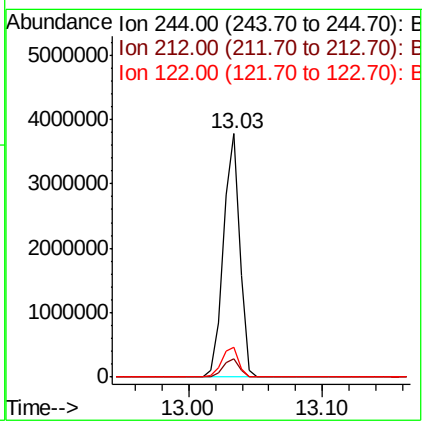


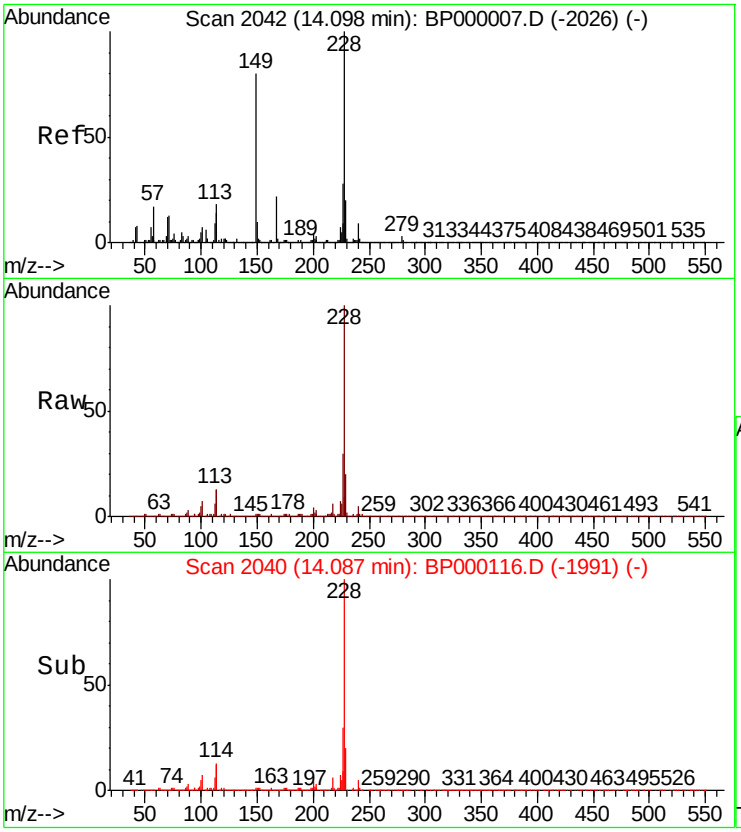


#79
Terphenyl-d14
Concen: 58.150 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Tgt Ion:244 Resp: 3277452

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	10.0
122	12.2	12.3	18.5#



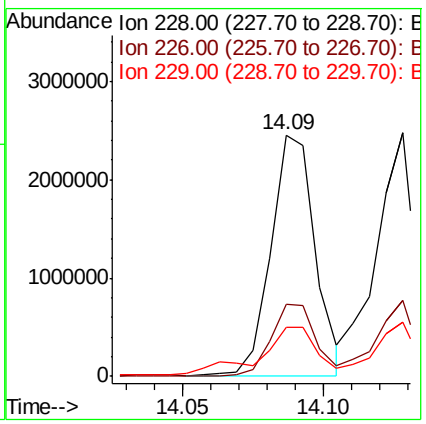


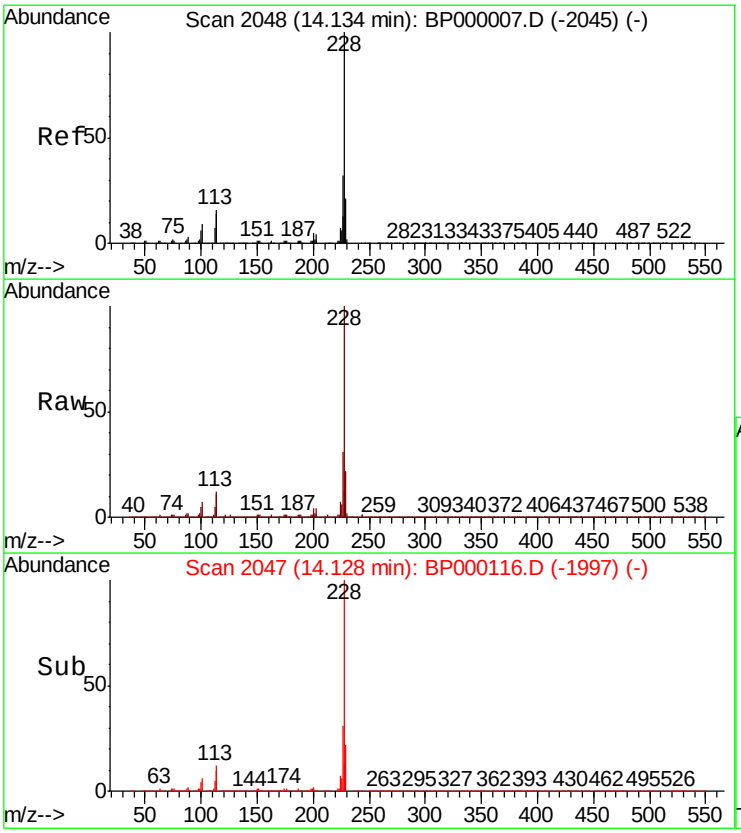
#81
Benzo(a)anthracene
Concen: 33.234 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 2645634

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.5	33.7
229	20.5	16.2	24.2

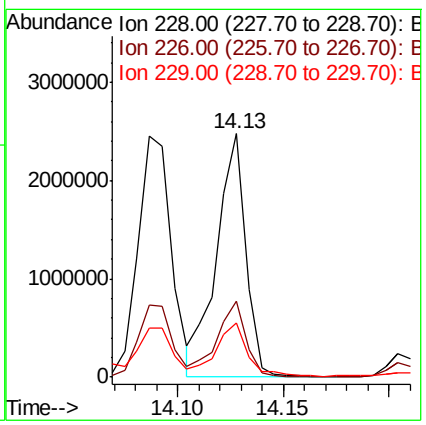


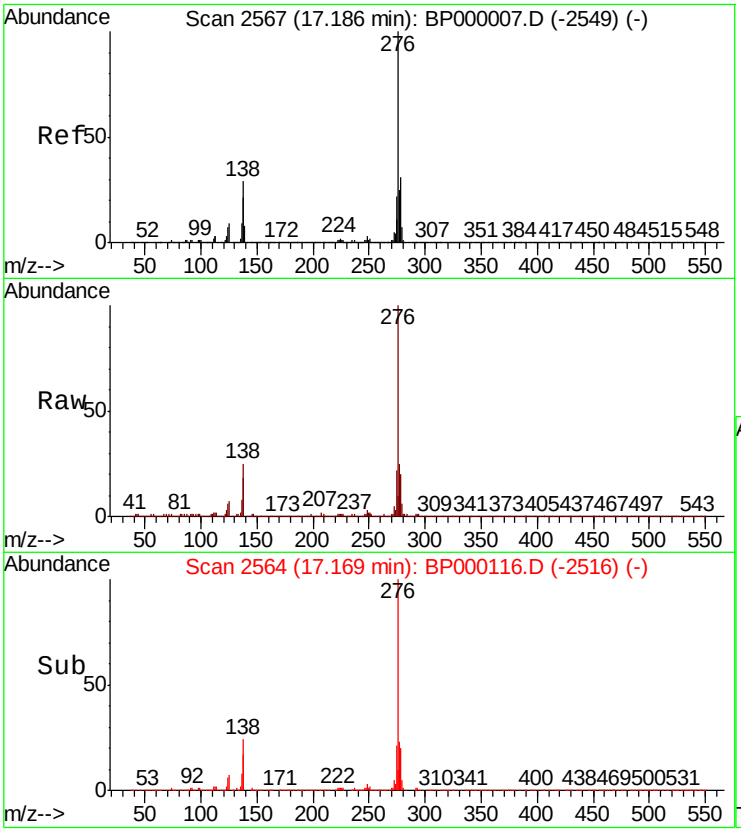


#83
Chrysene
Concen: 31.238 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Tgt Ion:228 Resp: 2352081

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.5	38.3
229	22.4	16.5	24.7



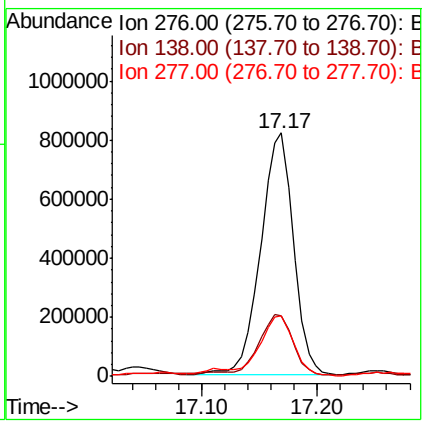


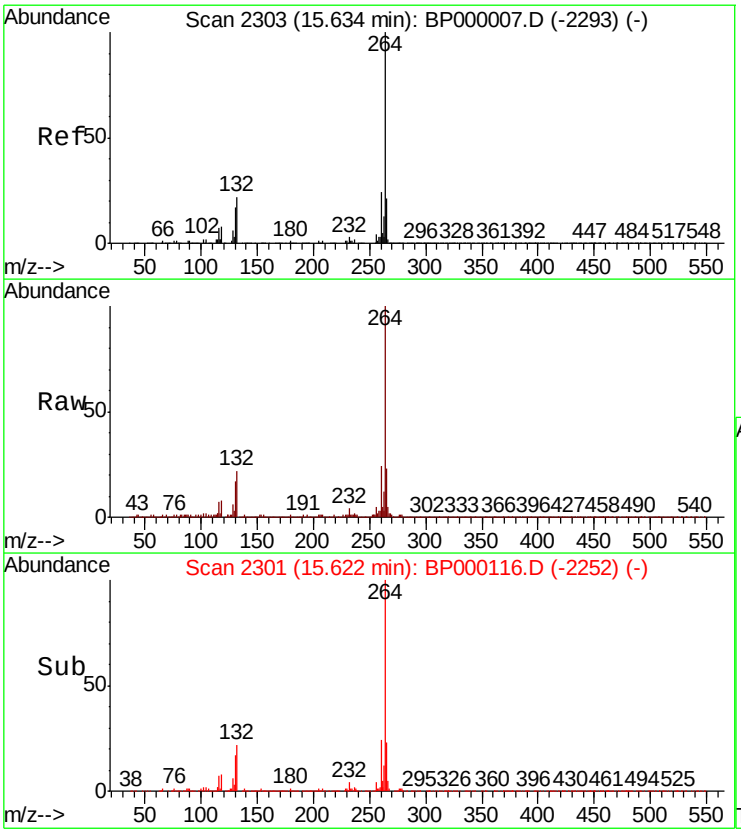
#86
Indeno(1,2,3-cd)pyrene
Concen: 17.183 ng
RT: 17.17 min Scan# 2564
Delta R.T. -0.02 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 1621223

Ion	Ratio	Lower	Upper
276	100		
138	27.0	26.5	39.7
277	24.8	20.3	30.5

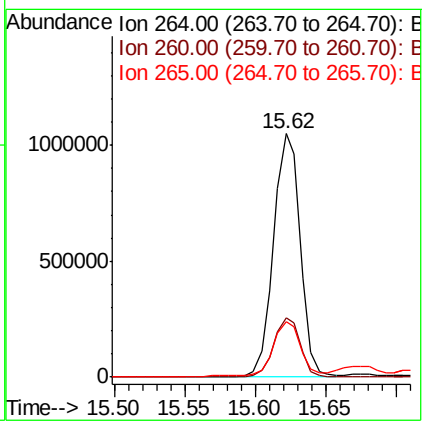


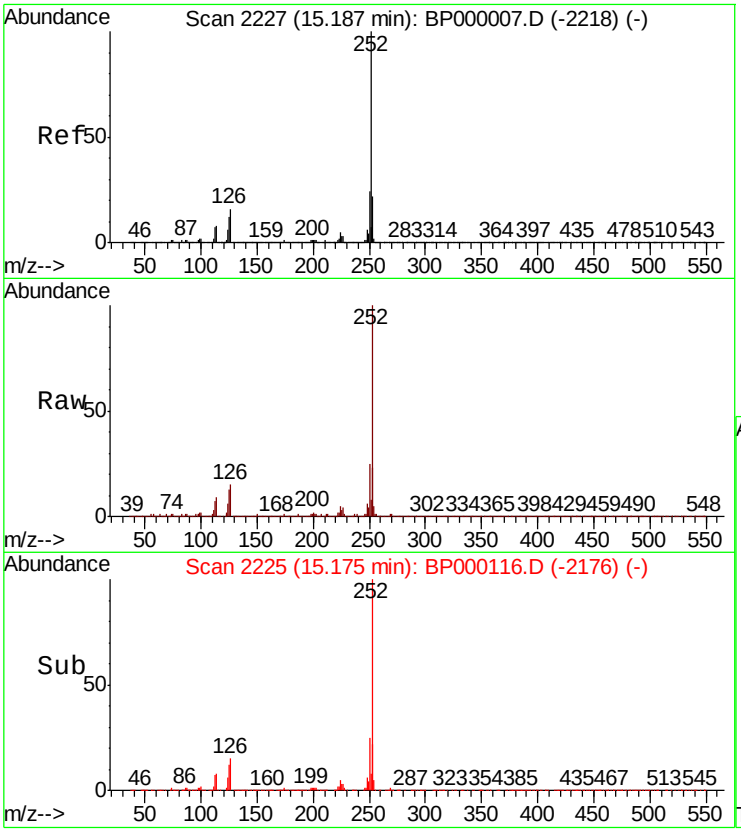


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Tgt Ion:264 Resp: 1381747

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	23.0	17.1	25.7



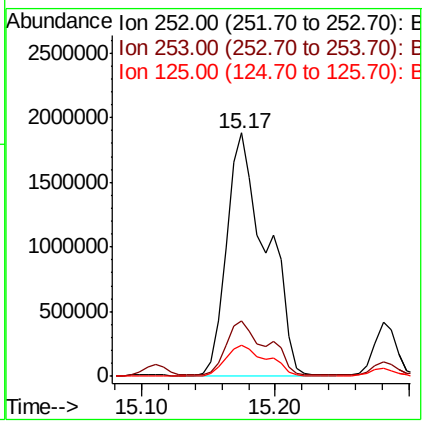


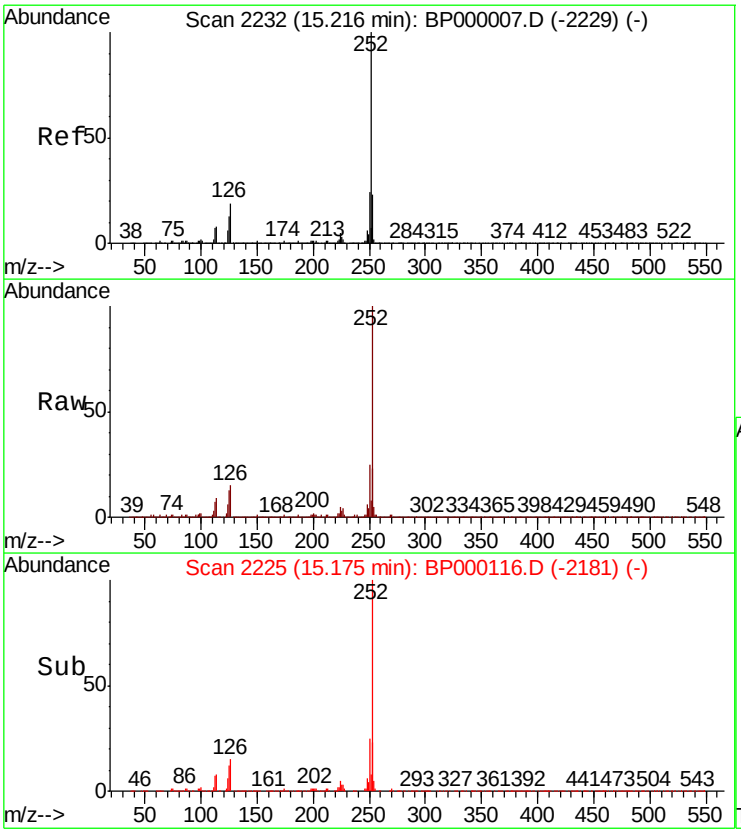
#88
Benzo(b)fluoranthene
Concen: 46.111 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 3891757

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	12.7	9.4	14.2

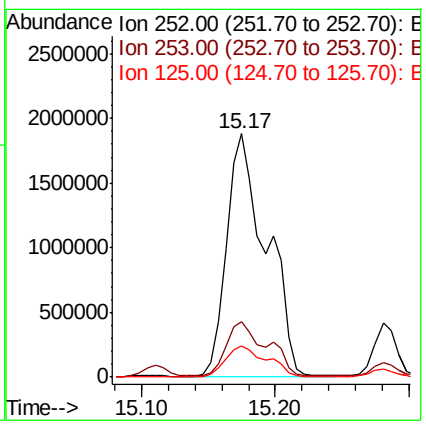


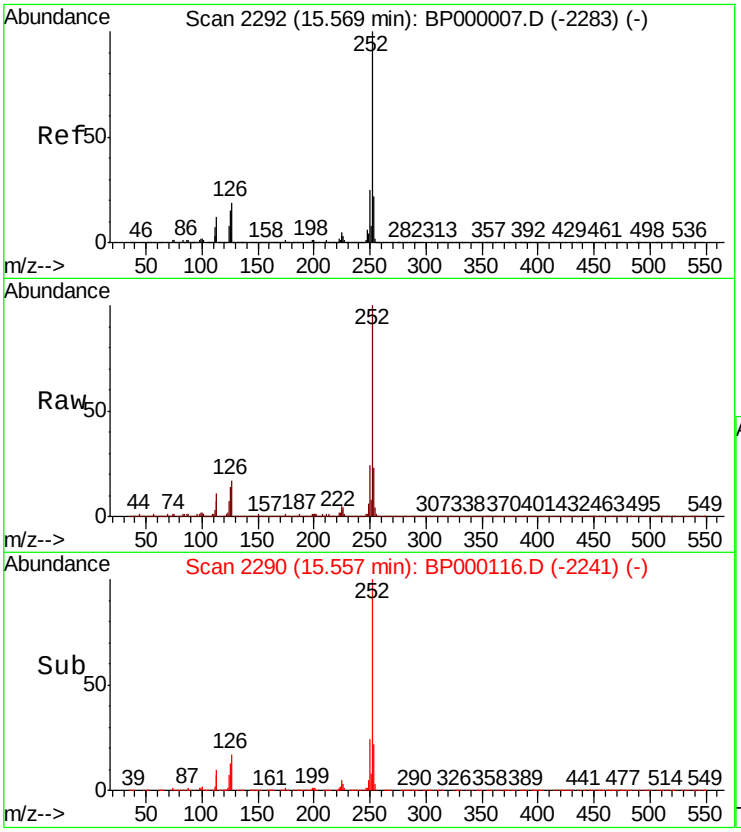


#89
Benzo(k)fluoranthene
Concen: 50.389 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.04 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Tgt Ion:252 Resp: 3891757

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	12.7	10.3	15.5



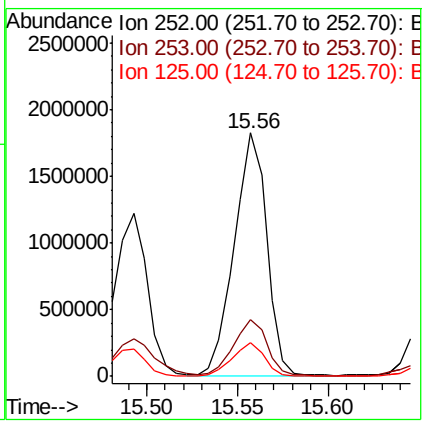


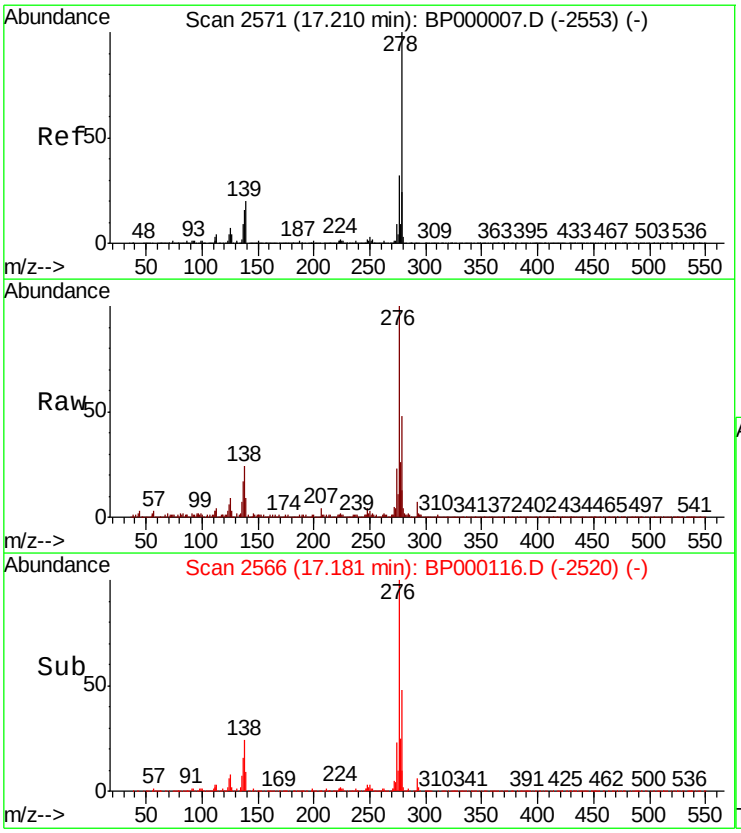
#90
Benzo(a)pyrene
Concen: 29.684 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 2261569

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	13.6	11.7	17.5

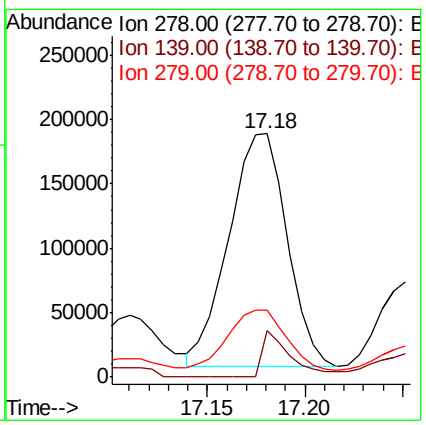


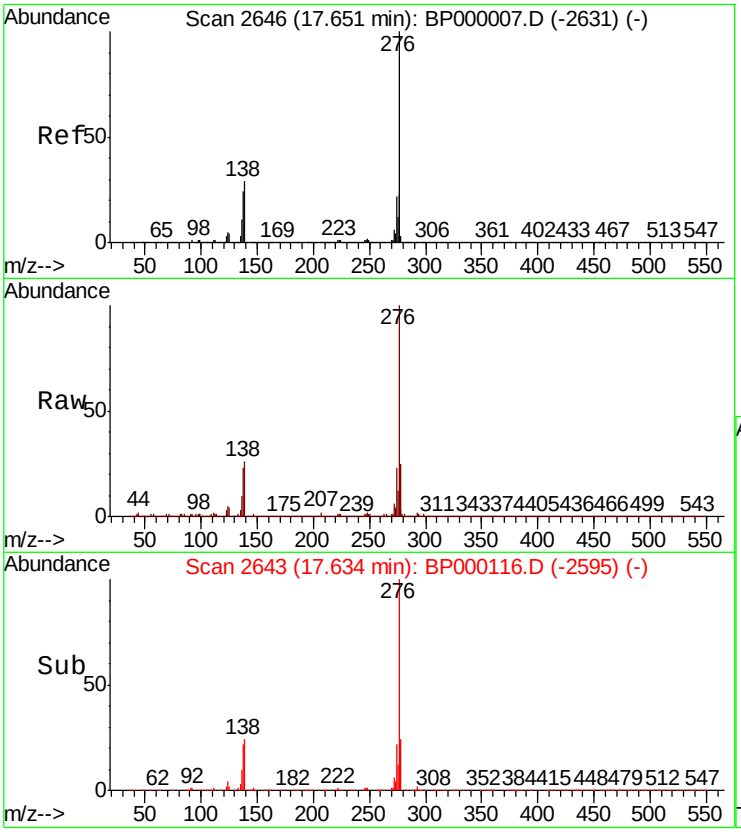


#91
Dibenzo(a,h)anthracene
Concen: 4.894 ng
RT: 17.18 min Scan# 2566
Delta R.T. -0.03 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Tgt Ion:278 Resp: 372875

Ion	Ratio	Lower	Upper
278	100		
139	19.1	16.4	24.6
279	27.5	19.2	28.8





#92
Benzo(g,h,i)perylene
Concen: 21.576 ng
RT: 17.63 min Scan# 2643
Delta R.T. -0.02 min
Lab File: BP000116.D
Acq: 09 Sep 2019 02:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 1627086

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	28.0
138	26.4	23.0	34.4