Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001338.D
Acq On : 20 Dec 2019 12:01
Operator : JU
Sample : K6325-04DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RT-3425DL

Quant Time: Dec 20 12:56:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 03:20:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	67277	20.00	ng		0.00
21) Naphthalene-d8	10.33	136	250028	20.00	ng		0.00
39) Acenaphthene-d10	13.20	164	144107	20.00	ng		0.00
64) Phenanthrene-d10	15.60	188	273858	20.00	ng		0.00
76) Chrysene-d12	19.25	240	187106	20.00	ng		0.00
87) Perylene-d12	21.02	264	182808	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	32572	7.82	ng		0.00
7) Phenol-d6	7.74	99	55495	10.22	ng		-0.01
23) Nitrobenzene-d5	9.18	82	39805	6.11	ng		-0.01
42) 2,4,6-Tribromophenol	14.49	330	10762	5.97	ng		0.00
45) 2-Fluorobiphenyl	12.11	172	65378	5.74	ng		0.00
79) Terphenyl-d14	17.88	244	71947	6.59	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.37	128	94229	6.904	ng		98
32) Benzoic acid	9.87	122	18	5.029	ng		87
33) 4-Chloroaniline	10.37	127	12648	2.266	ng	#	34
37) 2-Methylnaphthalene	11.50	142	60585	6.430	ng		99
38) 1-Methylnaphthalene	11.66	142	27604	3.116	ng		97
52) Acenaphthene	13.25	154	95046	11.069	ng		99
55) Dibenzofuran	13.53	168	92630	6.885	ng		99
56) 4-Nitrophenol	13.53	139	41302	22.417	ng	#	1
58) Fluorene	14.10	166	90105	8.374	ng		97
71) Phenanthrene	15.64	178	416672	26.668	ng		100
72) Anthracene	15.71	178	54151	3.501	ng		97
73) Carbazole	15.96	167	32789	2.378	ng		99
75) Fluoranthene	17.35	202	237916	13.618	ng		99
78) Pyrene	17.65	202	157869	10.867	ng		97
81) Benzo(a)anthracene	19.23	228	31116	2.282	ng		95
83) Chrysene	19.27	228	31797	2.416	ng		94
89) Benzo(k)fluoranthene	20.53	252	23903	2.090	ng	#	98

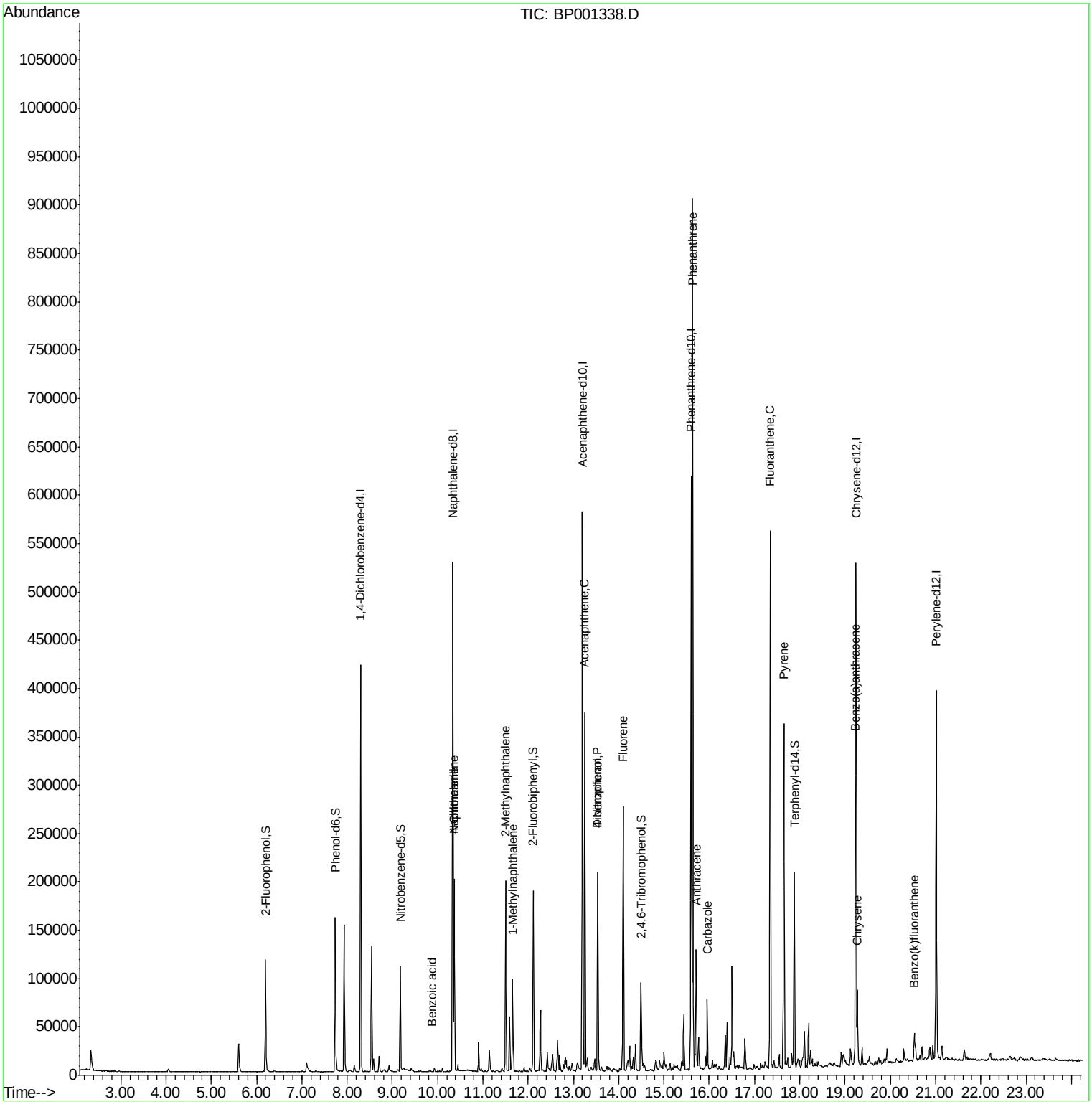
(#) = qualifier out of range (m) = manual integration (+) = signals summed

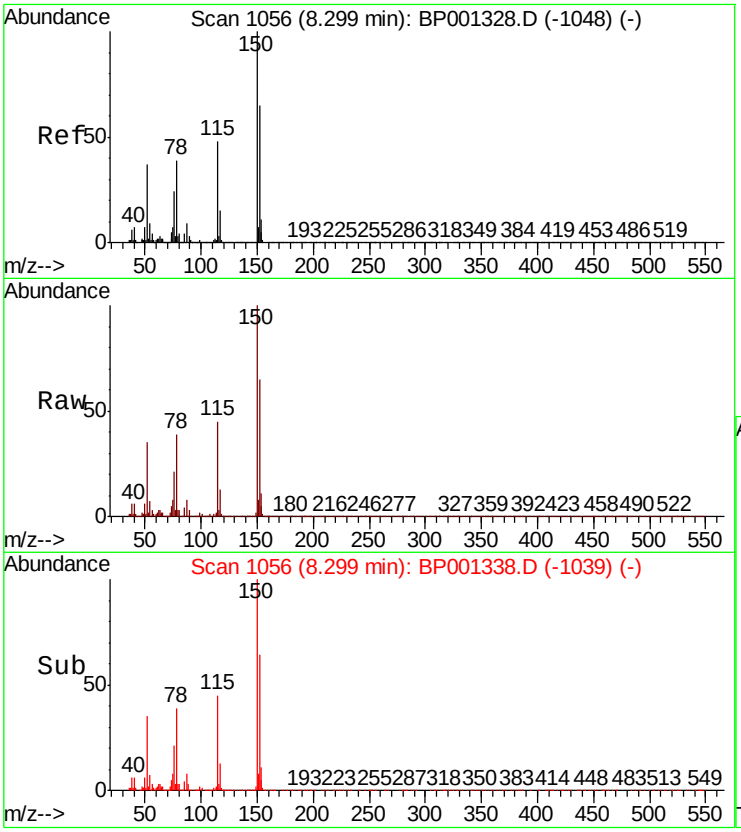
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001338.D
Acq On : 20 Dec 2019 12:01
Operator : JU
Sample : K6325-04DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT-3425DL

Quant Time: Dec 20 12:56:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 03:20:39 2019
Response via : Initial Calibration



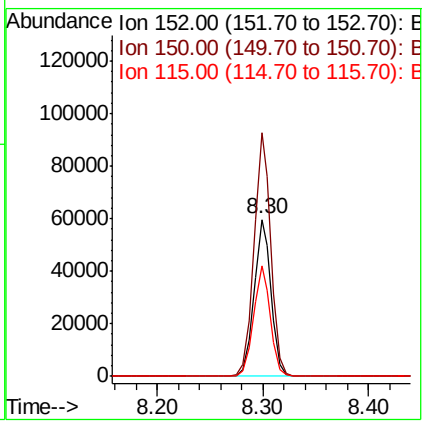


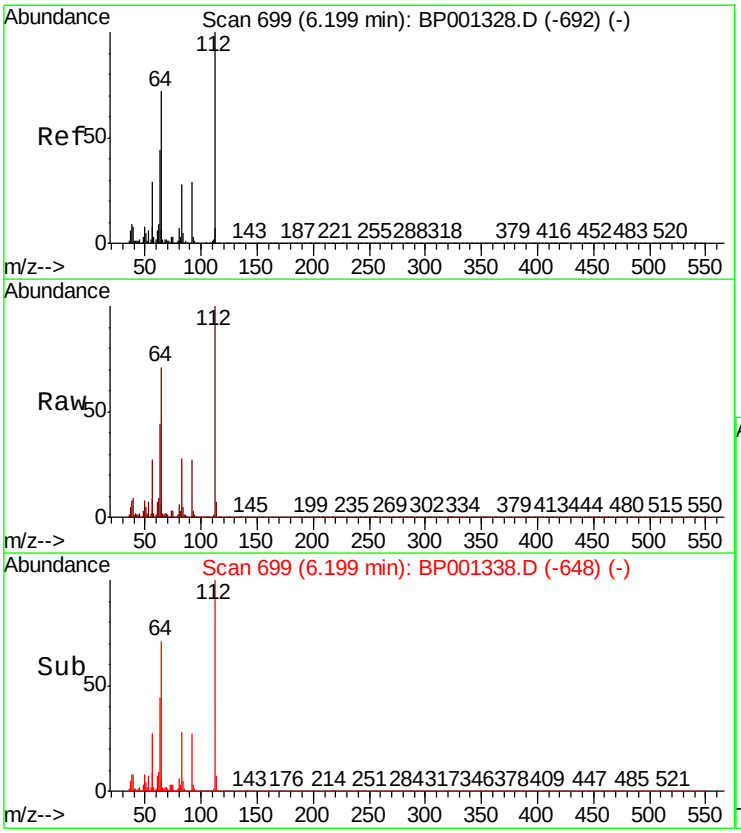
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Instrument :
BNA_P
ClientSampleId :
RT-3425DL

Tgt Ion:152 Resp: 67277

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.0	186.0
115	70.2	59.3	88.9

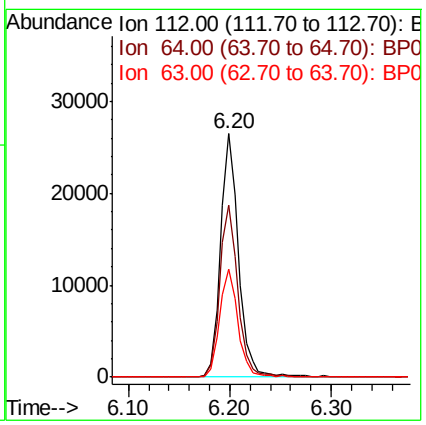


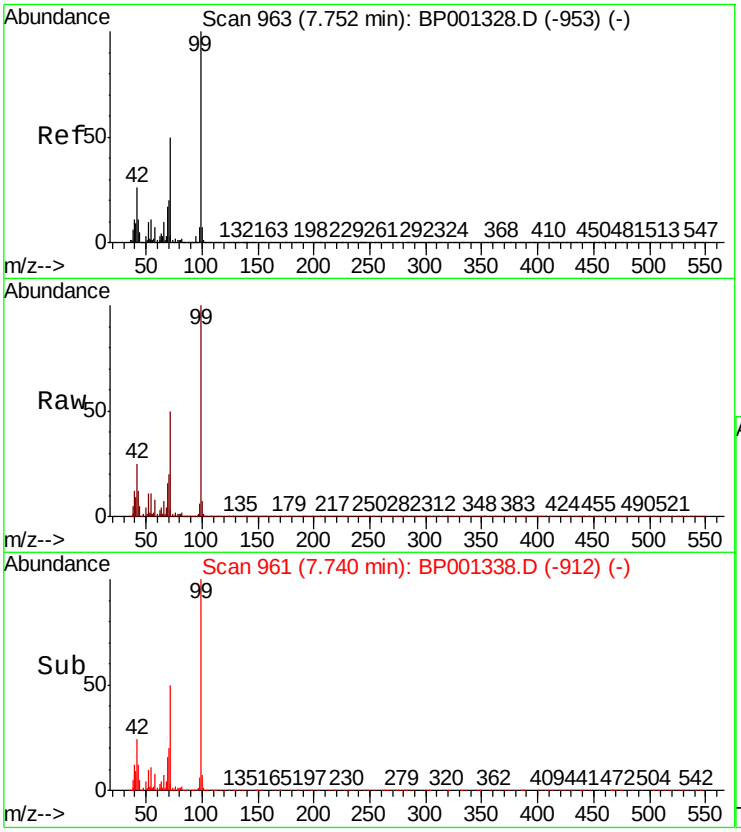


#5
2-Fluorophenol
Concen: 7.825 ng
RT: 6.20 min Scan# 699
Delta R.T. 0.00 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Tgt Ion:112 Resp: 32572

Ion	Ratio	Lower	Upper
112	100		
64	70.7	57.6	86.4
63	44.2	35.1	52.7



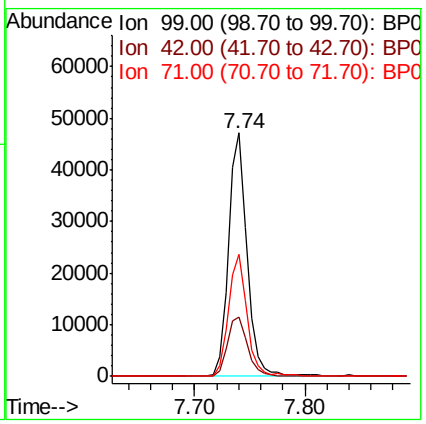


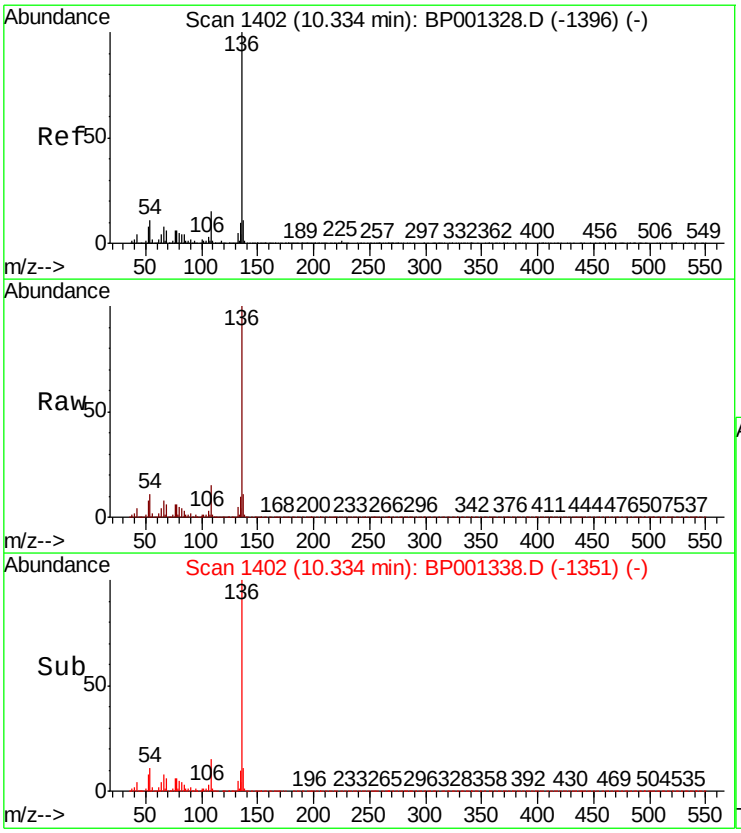
#7
Phenol-d6
Concen: 10.217 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Instrument :
BNA_P
ClientSampleId :
RT-3425DL

Tgt Ion: 99 Resp: 55495

Ion	Ratio	Lower	Upper
99	100		
42	24.6	20.9	31.3
71	49.9	40.0	60.0

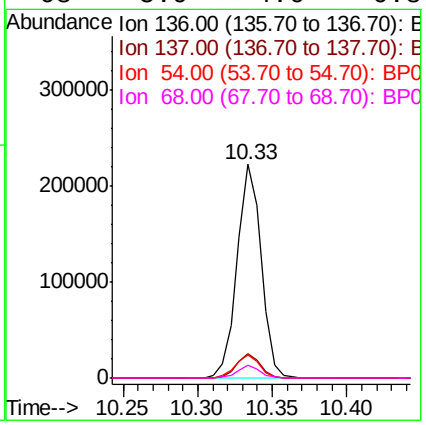


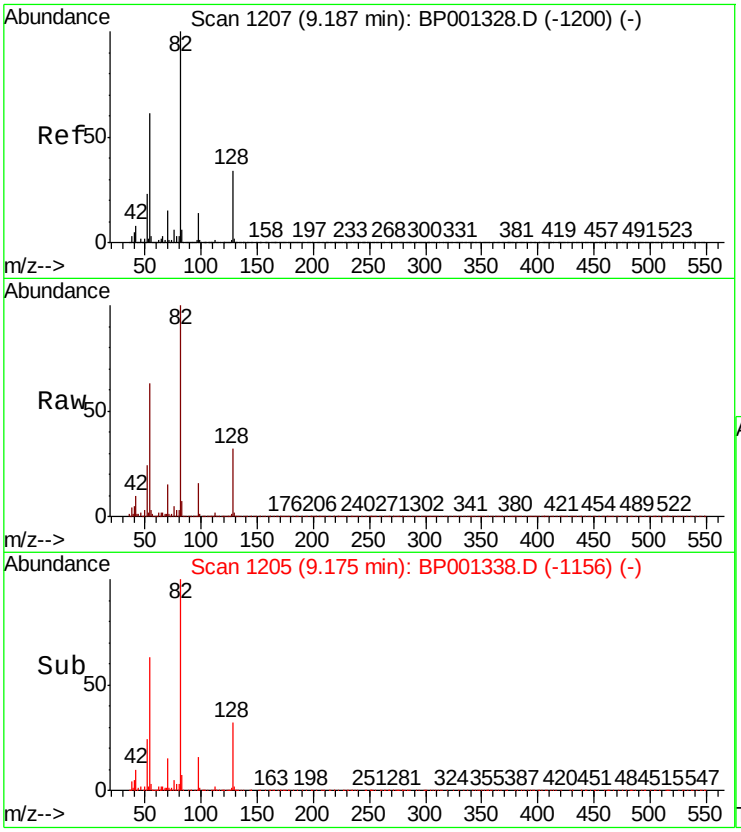


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Tgt Ion:136 Resp: 250028

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.6	8.8	13.2
68	5.9	4.6	6.8



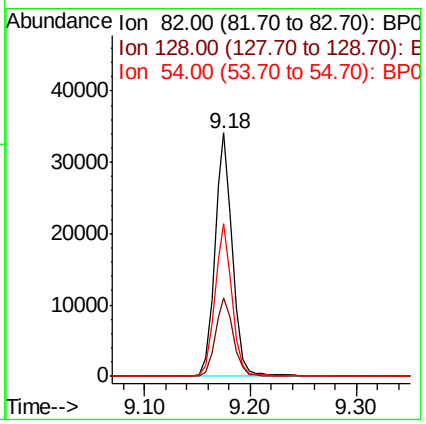


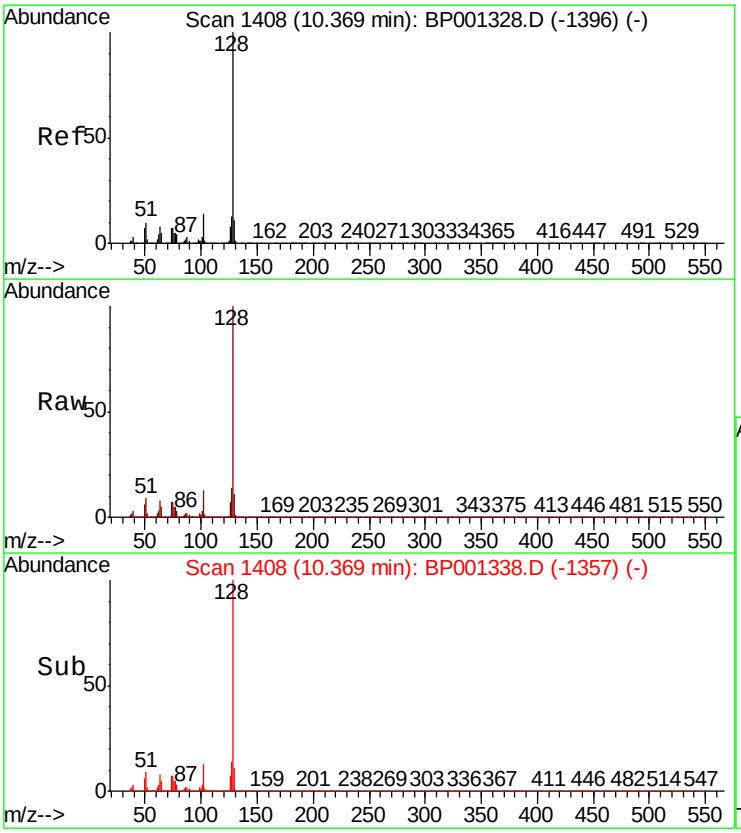
#23
Nitrobenzene-d5
Concen: 6.114 ng
RT: 9.18 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Instrument :
BNA_P
ClientSampleId :
RT-3425DL

Tgt Ion: 82 Resp: 39805

Ion	Ratio	Lower	Upper
82	100		
128	32.3	27.0	40.4
54	62.5	49.0	73.4

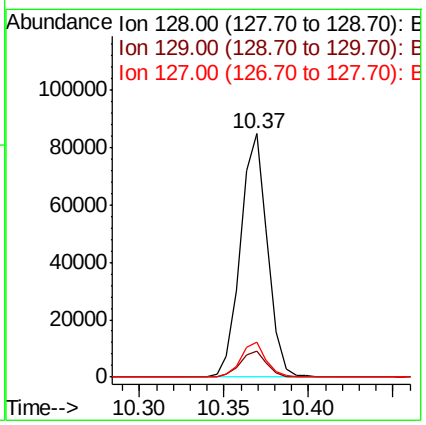


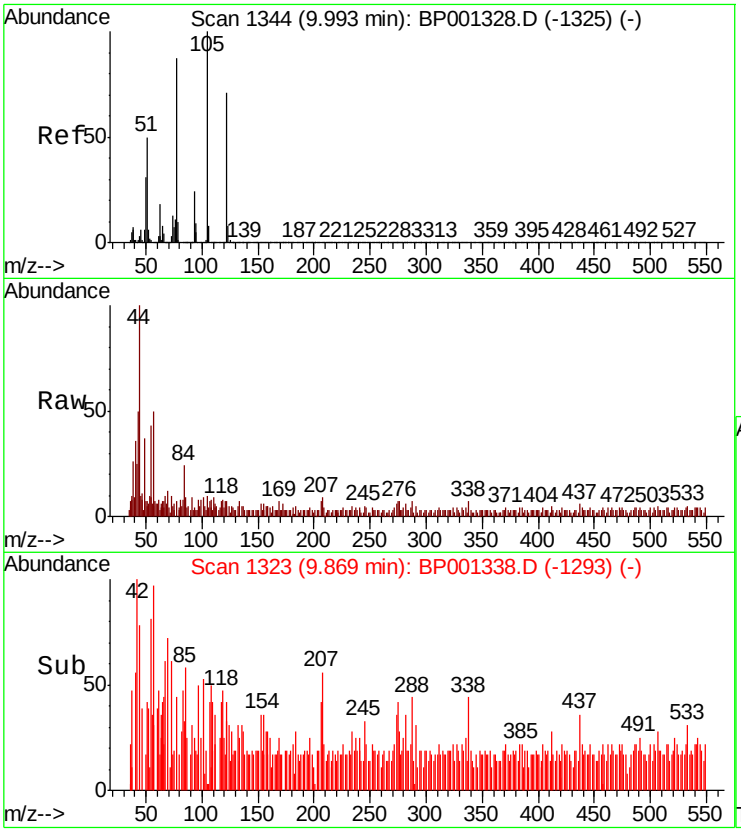


#31
Naphthalene
Concen: 6.904 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Tgt Ion:128 Resp: 94229

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	14.5	10.7	16.1



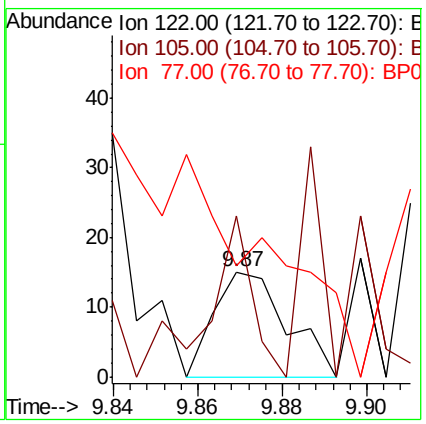


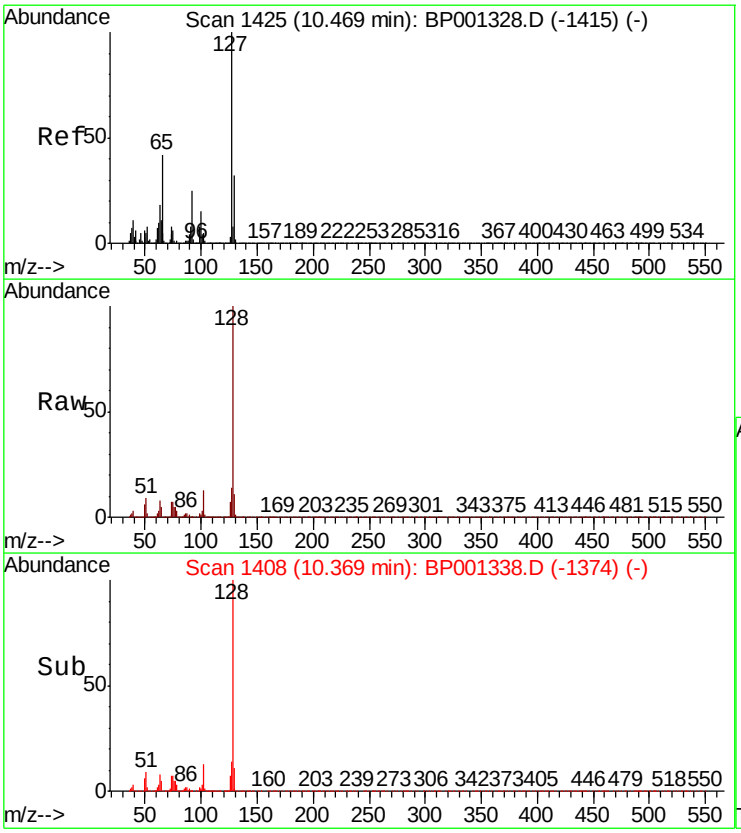
#32
Benzoic acid
Concen: 5.029 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.12 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Instrument :
BNA_P
ClientSampleId :
RT-3425DL

Tgt Ion:122 Resp: 18

Ion	Ratio	Lower	Upper
122	100		
105	153.3	118.5	158.5
77	106.7	101.3	141.3

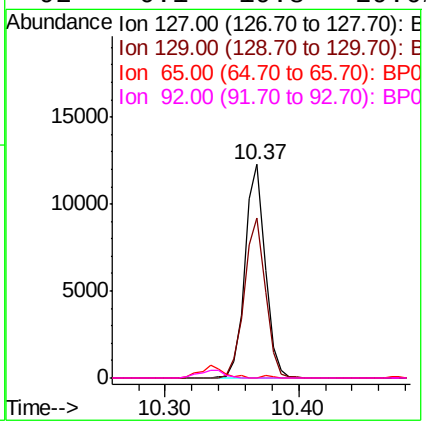


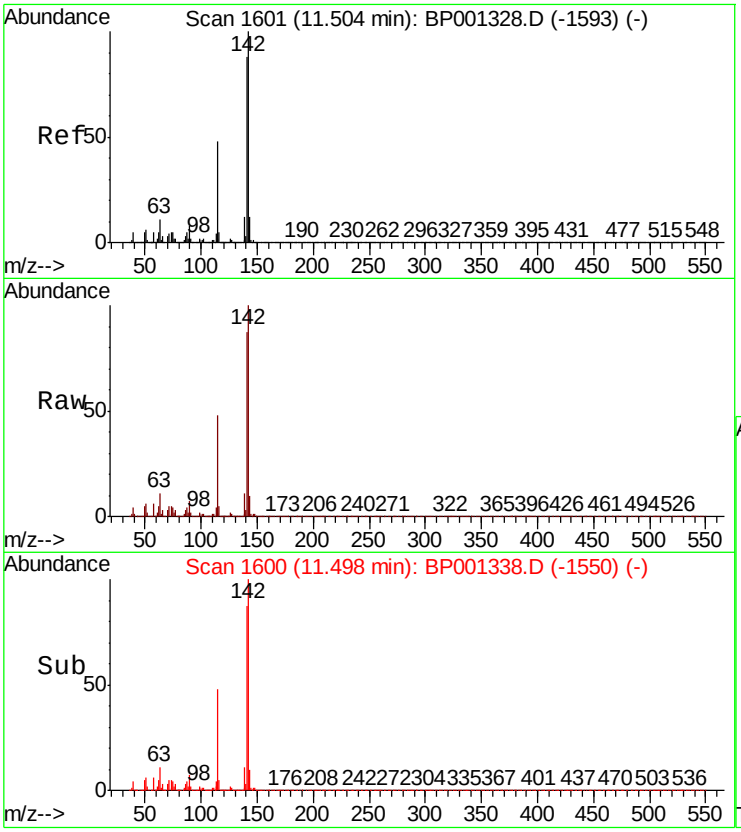


#33
4-Chloroaniline
Concen: 2.266 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.10 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Tgt Ion:127 Resp: 12648

Ion	Ratio	Lower	Upper
127	100		
129	74.8	25.2	37.8#
65	0.0	33.6	50.4#
92	0.1	19.8	29.6#



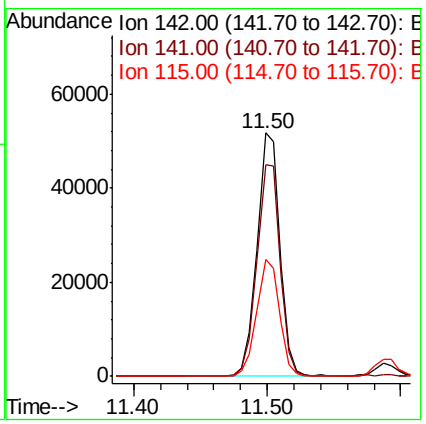


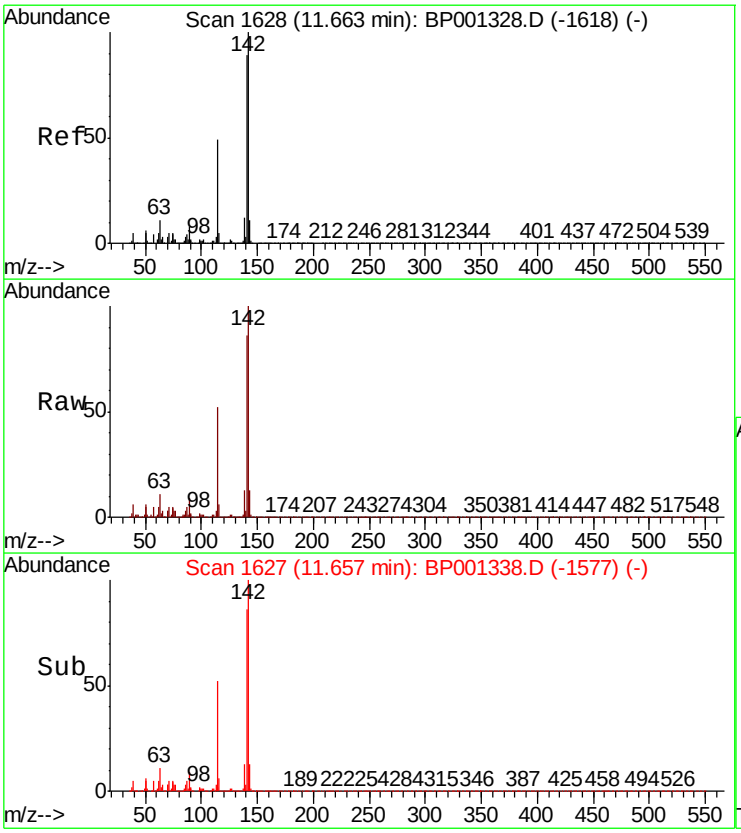
#37
2-Methylnaphthalene
Concen: 6.430 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Instrument :
BNA_P
ClientSampleId :
RT-3425DL

Tgt Ion:142 Resp: 60585

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.2	105.4
115	47.9	38.7	58.1

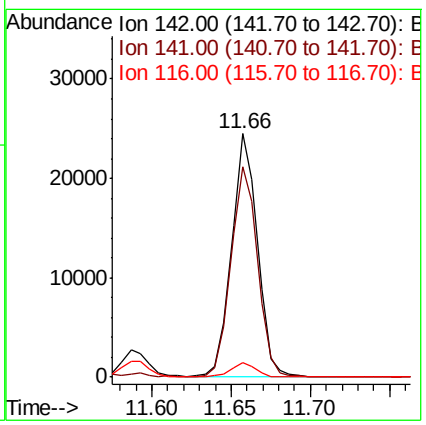


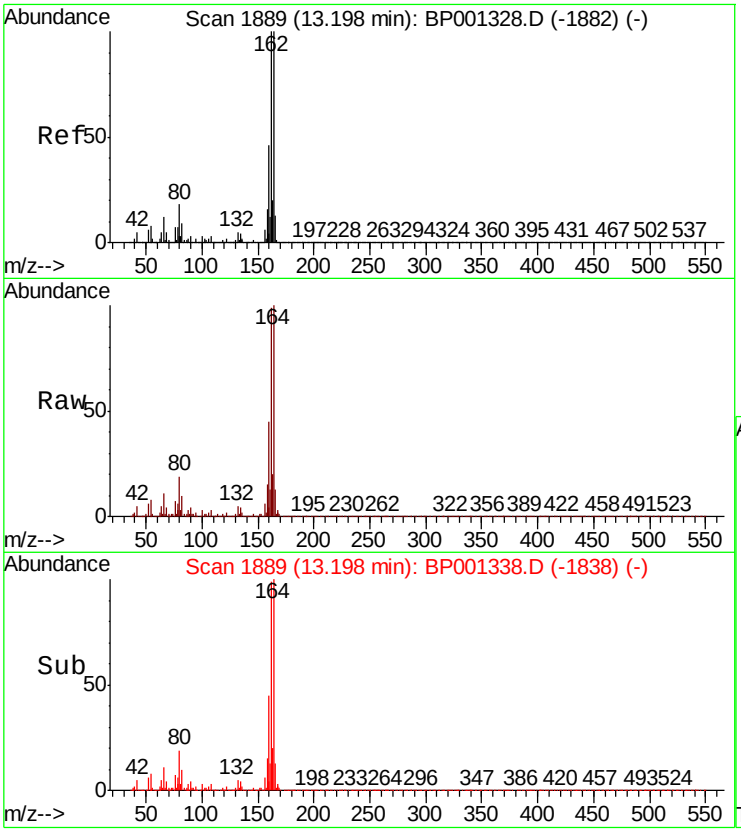


#38
1-Methylnaphthalene
Concen: 3.116 ng
RT: 11.66 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Tgt Ion:142 Resp: 27604

Ion	Ratio	Lower	Upper
142	100		
141	86.4	71.3	106.9
116	5.7	4.2	6.2



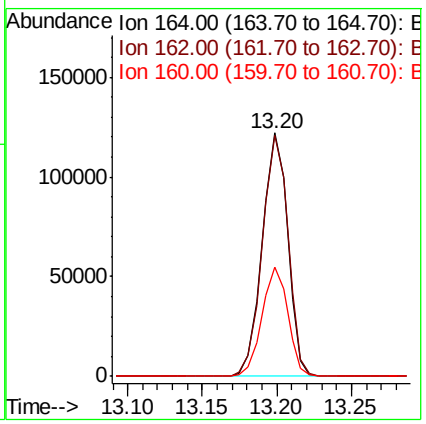


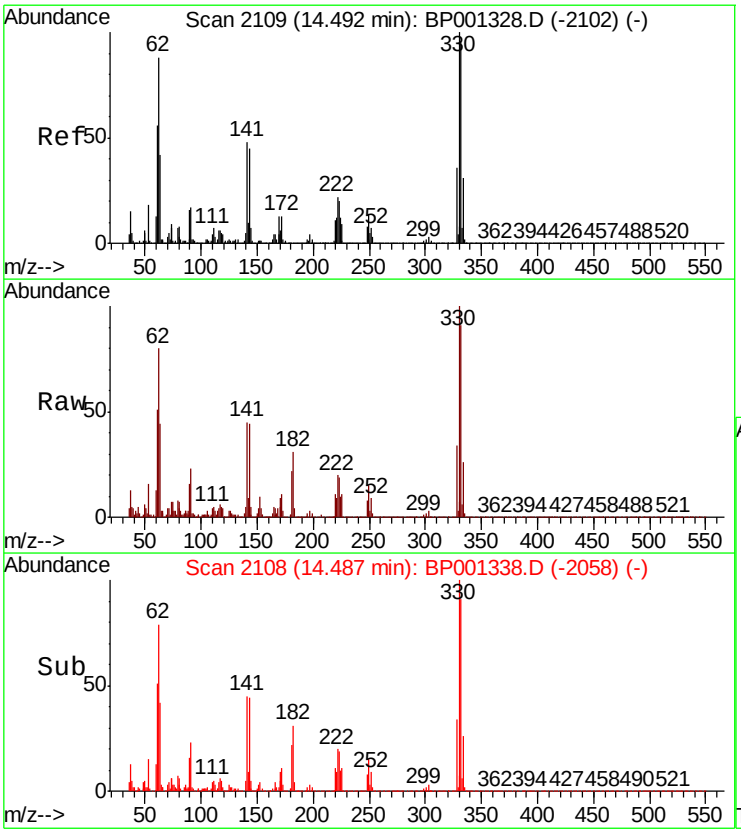
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Instrument :
BNA_P
ClientSampleId :
RT-3425DL

Tgt Ion:164 Resp: 144107

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.3	120.5
160	44.9	36.6	54.8

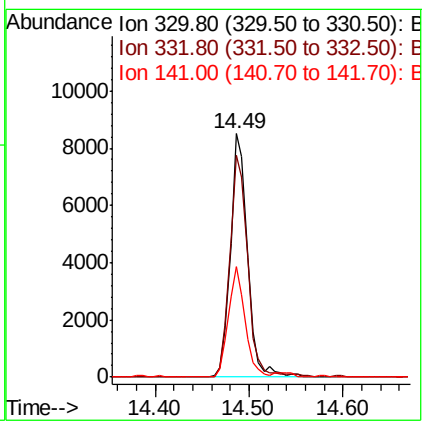


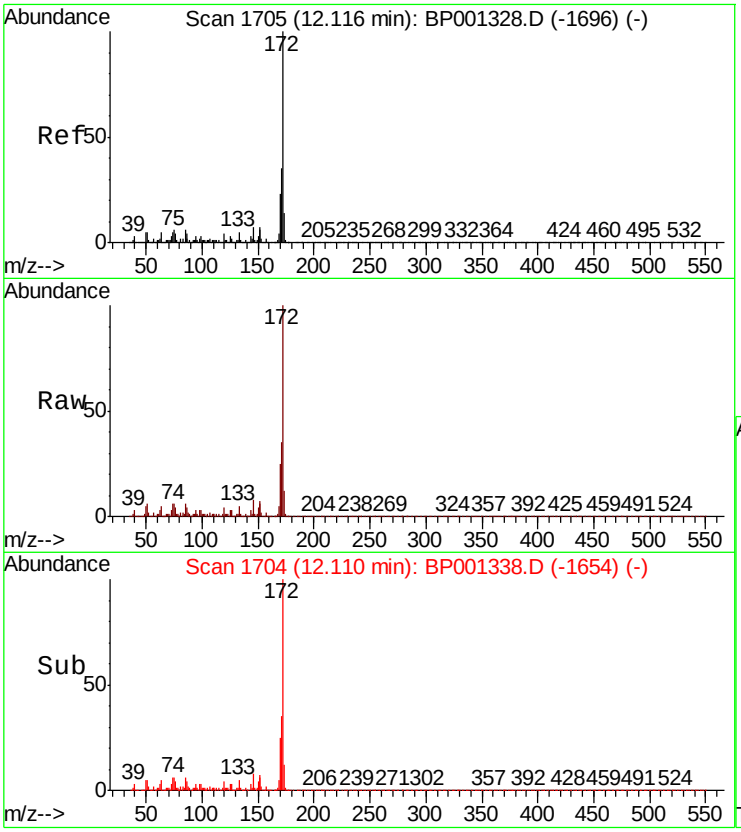


#42
2,4,6-Tribromophenol
Concen: 5.973 ng
RT: 14.49 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Tgt Ion:330 Resp: 10762

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.7	118.1
141	44.0	36.2	54.4



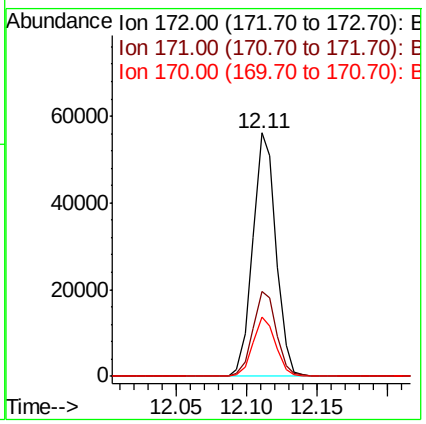


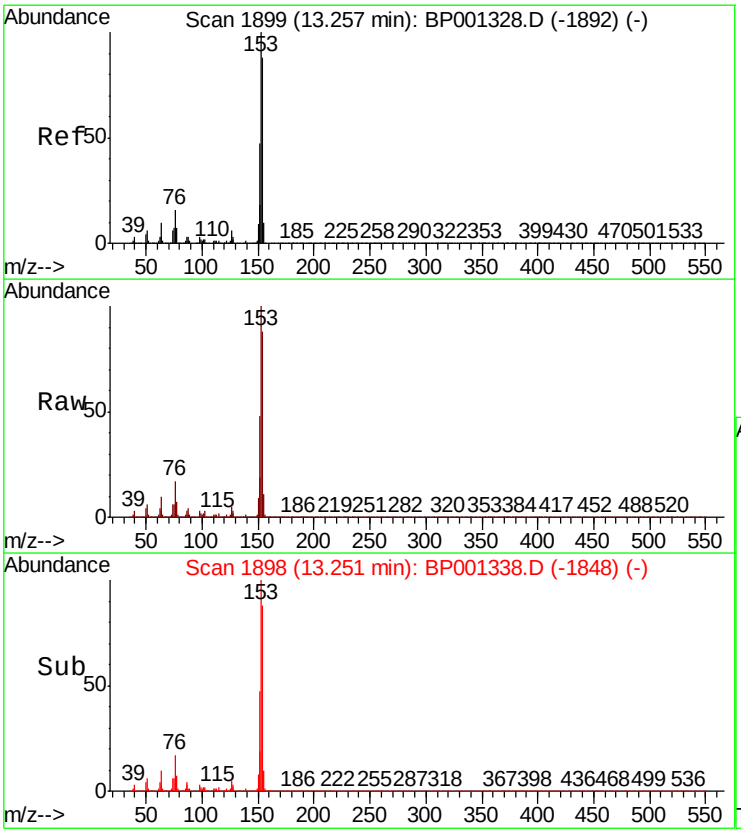
#45
2-Fluorobiphenyl
Concen: 5.737 ng
RT: 12.11 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Instrument :
BNA_P
ClientSampleId :
RT-3425DL

Tgt Ion:172 Resp: 65378

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.7	41.5
170	24.6	18.6	28.0

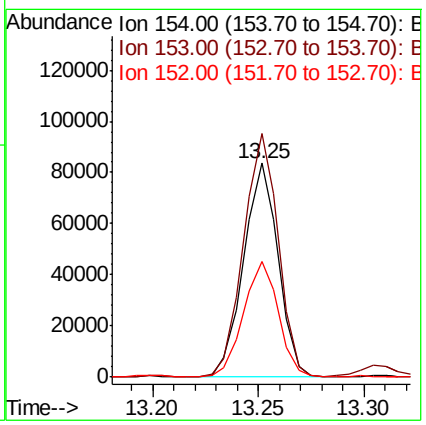


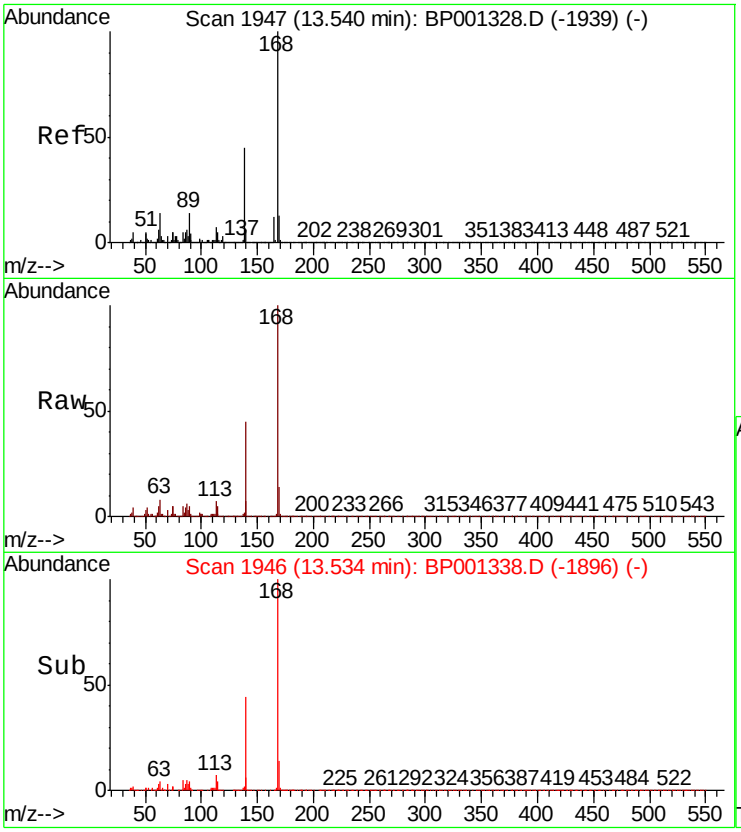


#52
Acenaphthene
Concen: 11.069 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Tgt Ion:154 Resp: 95046

Ion	Ratio	Lower	Upper
154	100		
153	113.8	90.6	135.8
152	54.3	42.4	63.6



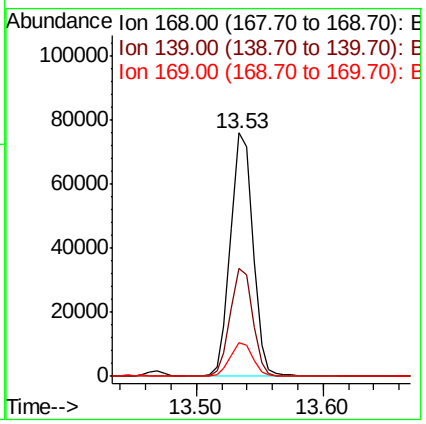


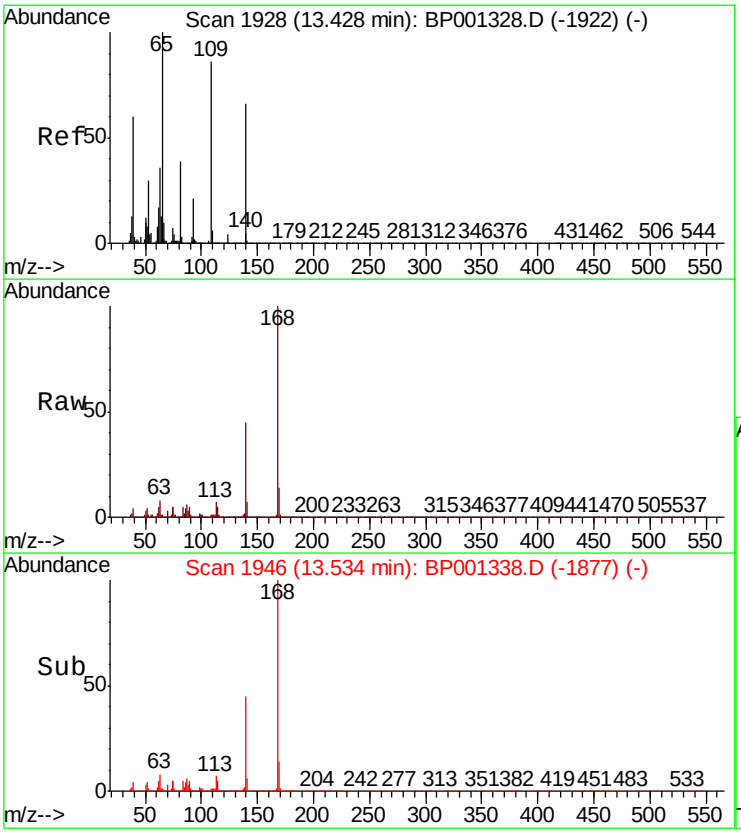
#55
Dibenzofuran
Concen: 6.885 ng
RT: 13.53 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Instrument :
BNA_P
ClientSampleId :
RT-3425DL

Tgt Ion:168 Resp: 92630

Ion	Ratio	Lower	Upper
168	100		
139	44.5	35.8	53.8
169	13.9	10.5	15.7

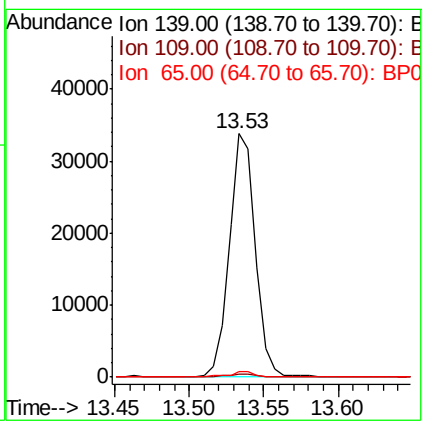


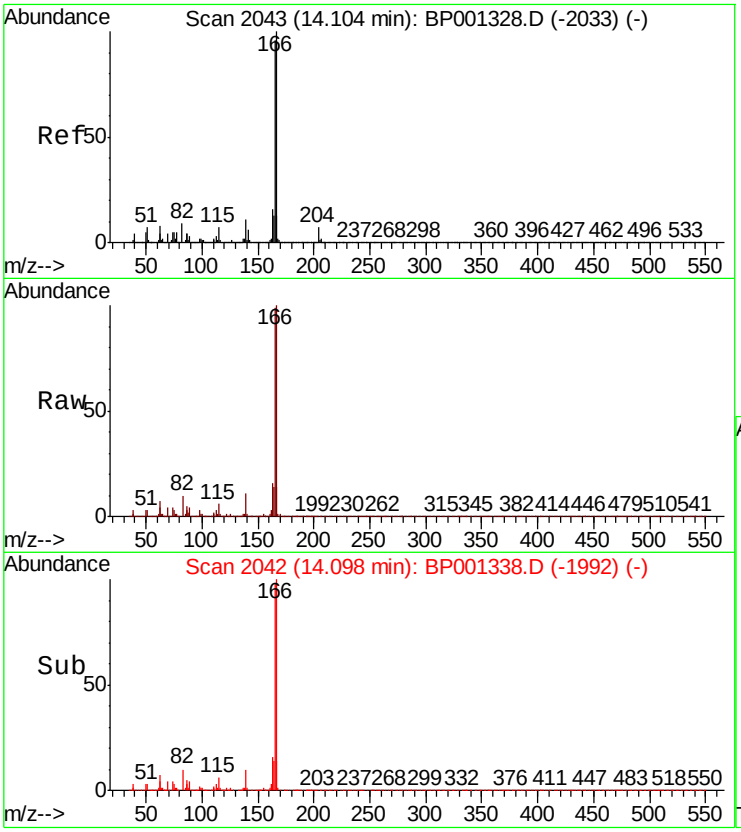


#56
4-Nitrophenol
Concen: 22.417 ng
RT: 13.53 min Scan# 1946
Delta R.T. 0.11 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Tgt Ion:139 Resp: 41302

Ion	Ratio	Lower	Upper
139	100		
109	1.4	110.1	150.1#
65	2.1	131.3	171.3#



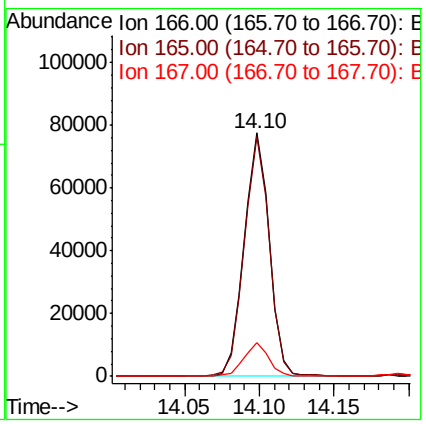


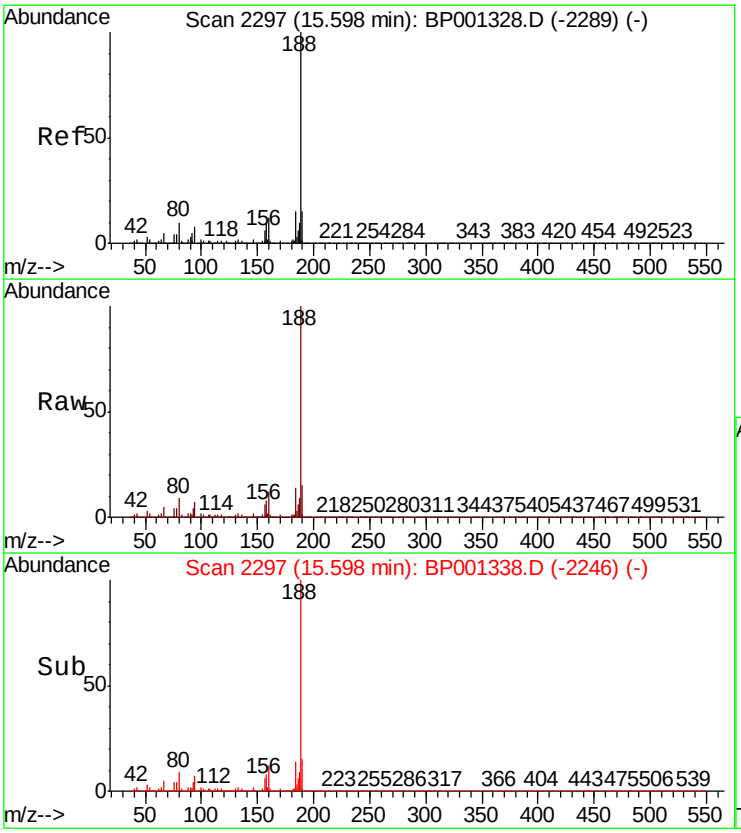
#58
Fluorene
Concen: 8.374 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Instrument :
BNA_P
ClientSampleId :
RT-3425DL

Tgt Ion:166 Resp: 90105

Ion	Ratio	Lower	Upper
166	100		
165	98.5	76.9	115.3
167	14.1	10.3	15.5

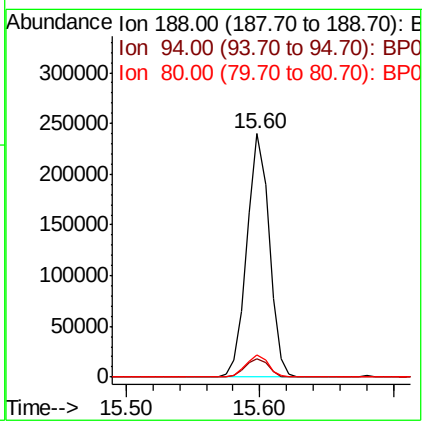


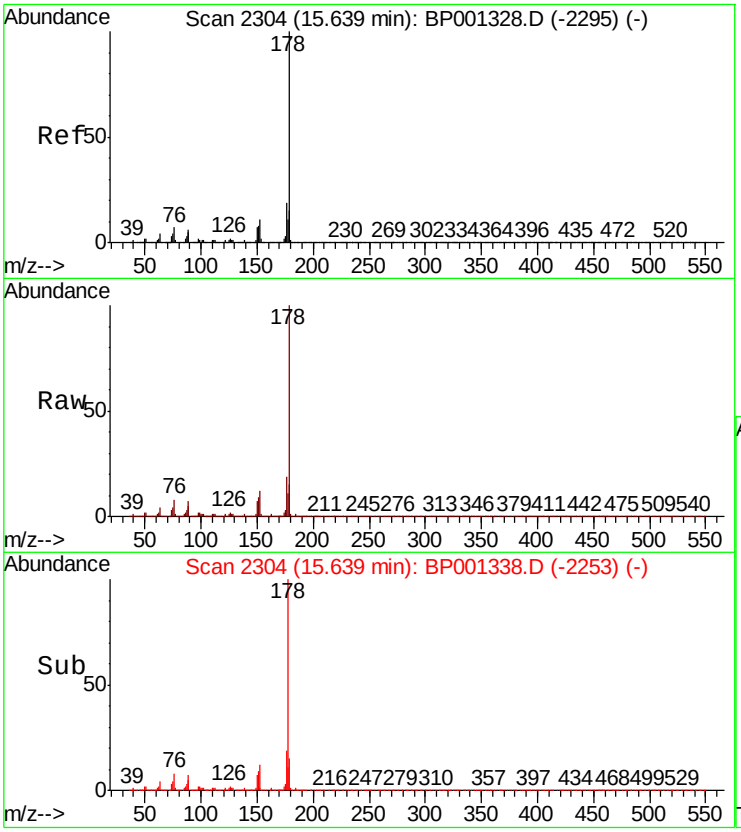


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Tgt Ion:188 Resp: 273858

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.6	10.0
80	9.0	7.8	11.6



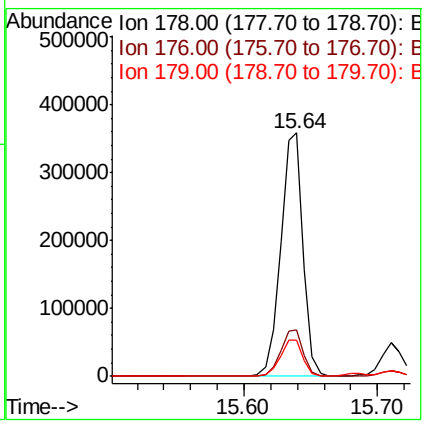


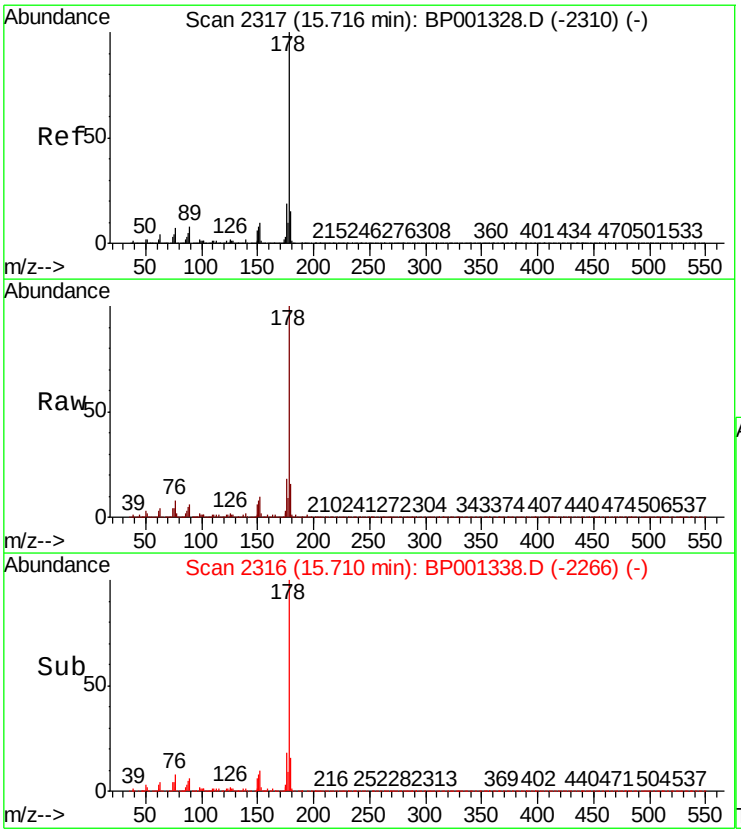
#71
Phenanthrene
Concen: 26.668 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Instrument :
BNA_P
ClientSampleId :
RT-3425DL

Tgt Ion:178 Resp: 416672

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.1	12.0	18.0

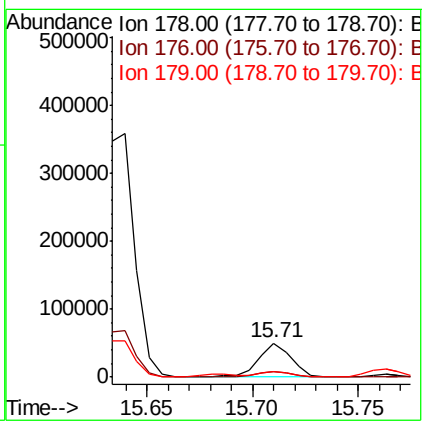


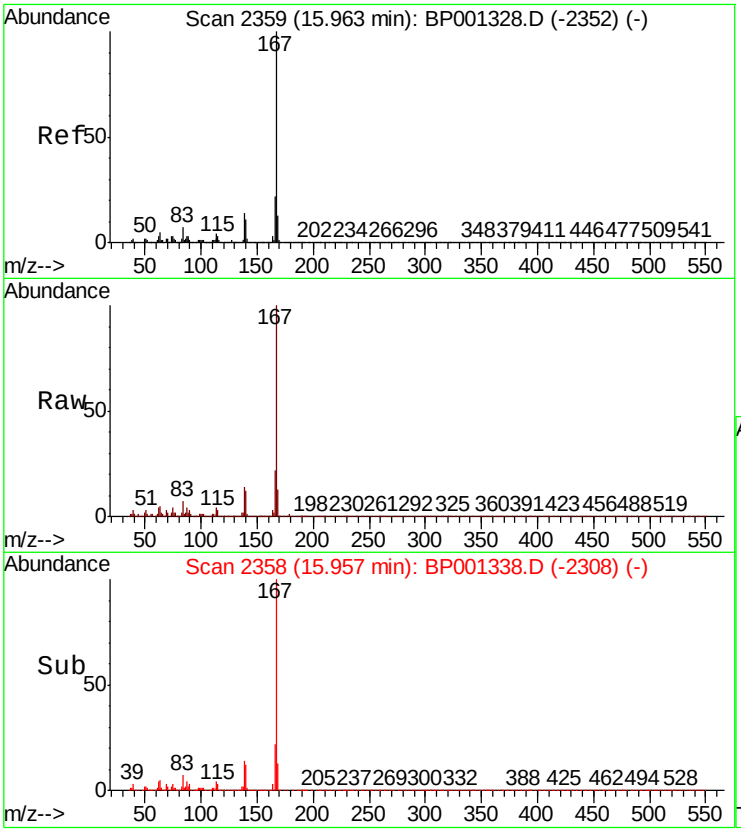


#72
Anthracene
Concen: 3.501 ng
RT: 15.71 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Tgt Ion:178 Resp: 54151

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.0	22.6
179	15.9	11.9	17.9



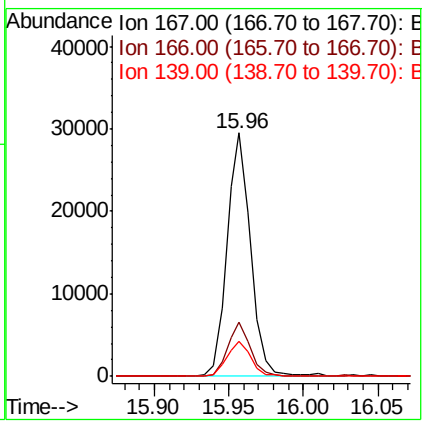


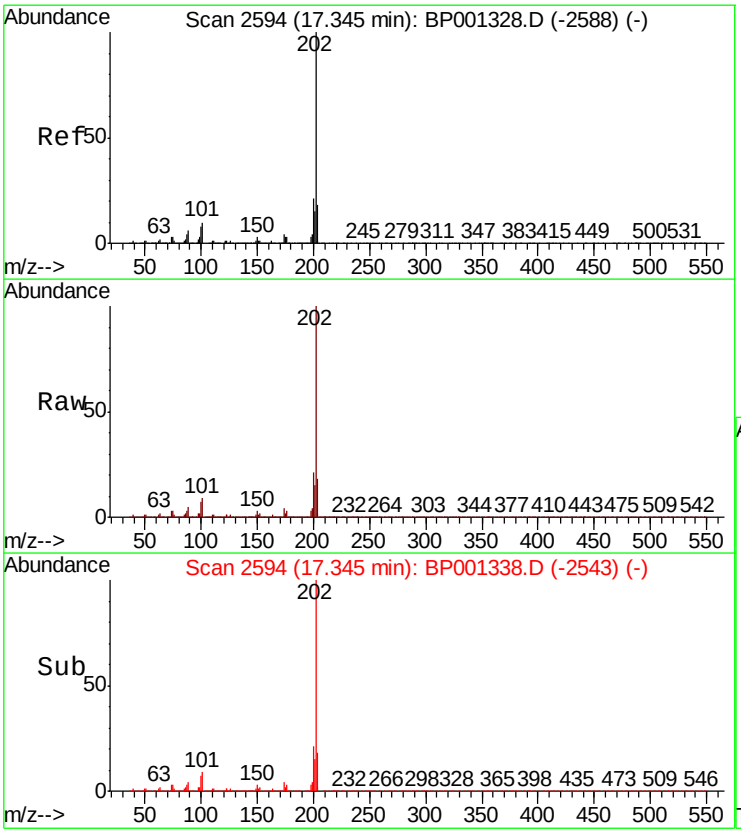
#73
Carbazole
Concen: 2.378 ng
RT: 15.96 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Instrument :
BNA_P
ClientSampleId :
RT-3425DL

Tgt Ion:167 Resp: 32789

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	14.3	11.1	16.7

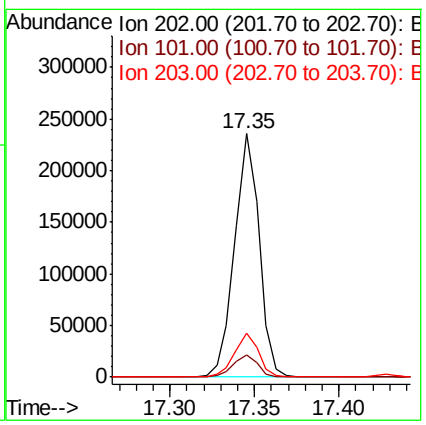


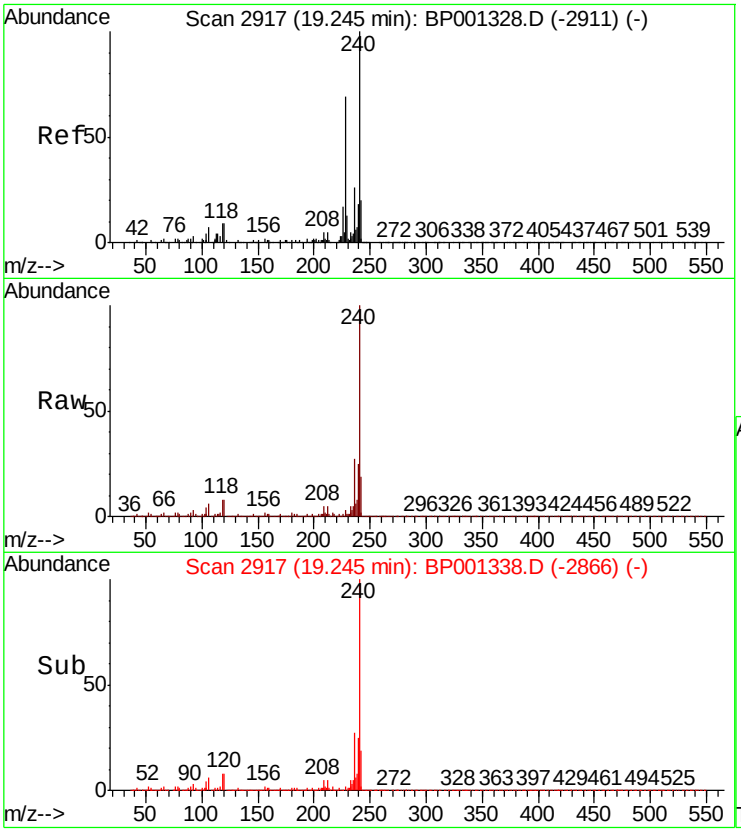


#75
Fluoranthene
Concen: 13.618 ng
RT: 17.35 min Scan# 2594
Delta R.T. 0.00 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Tgt Ion:202 Resp: 237916

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.9
203	17.8	0.0	37.6



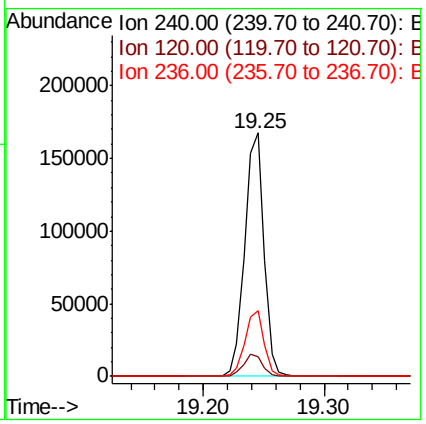


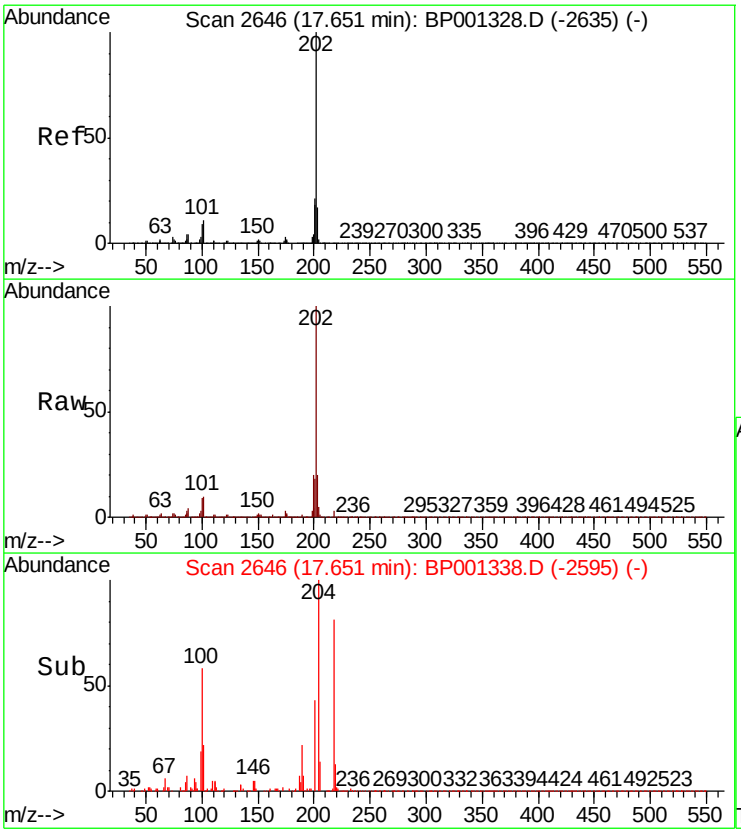
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. 0.00 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Instrument :
BNA_P
ClientSampleId :
RT-3425DL

Tgt Ion:240 Resp: 187106

Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.6	11.4
236	27.2	21.0	31.4

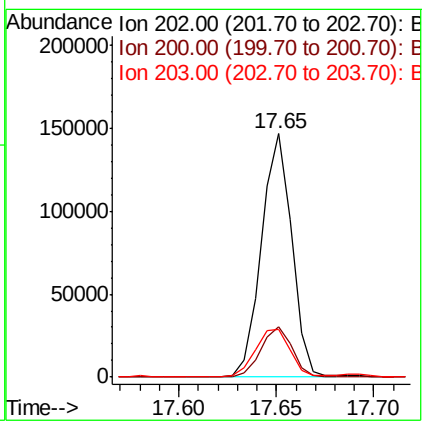


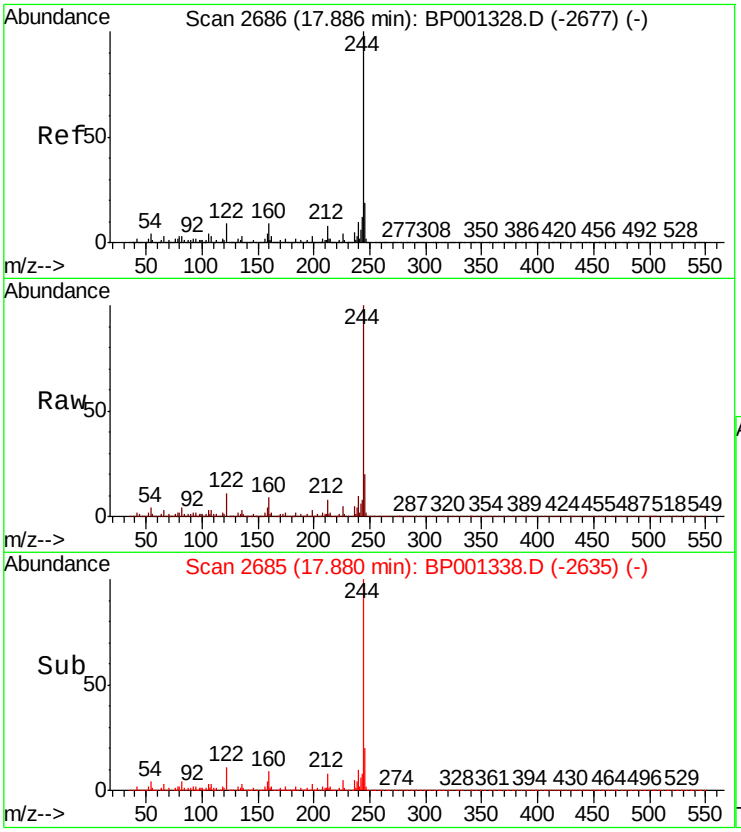


#78
Pyrene
Concen: 10.867 ng
RT: 17.65 min Scan# 2646
Delta R.T. 0.00 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Tgt Ion:202 Resp: 157869

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.8	25.2
203	19.7	13.8	20.8



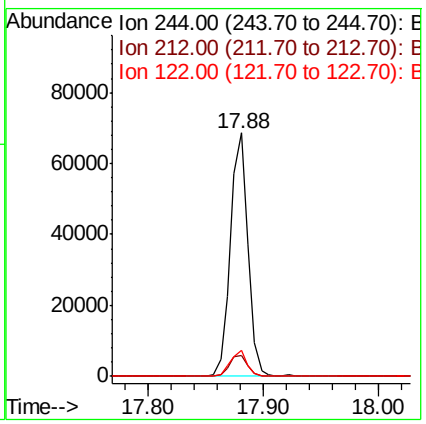


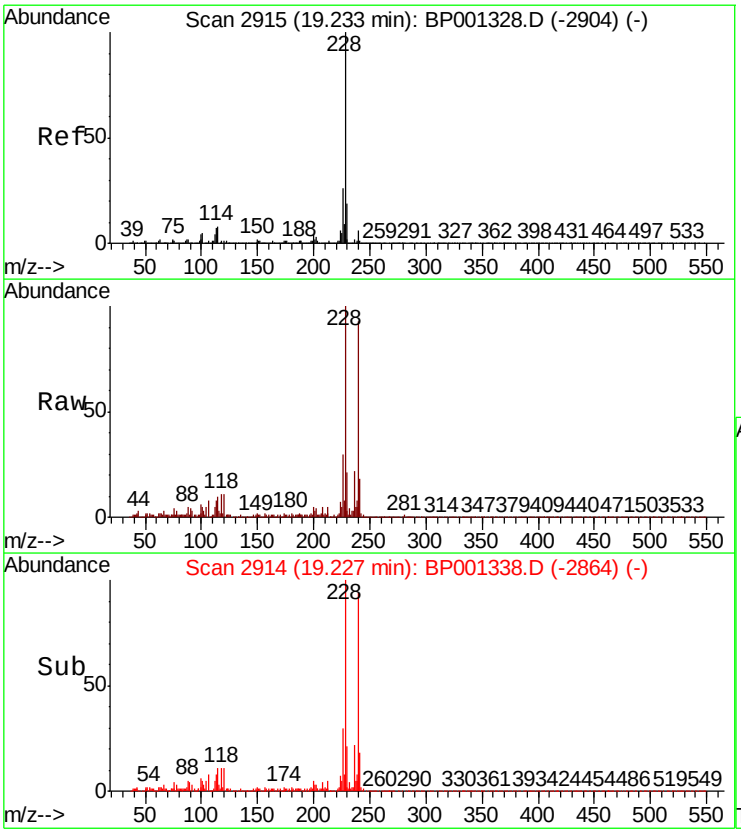
#79
Terphenyl-d14
Concen: 6.586 ng
RT: 17.88 min Scan# 2685
Delta R.T. -0.01 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Instrument :
BNA_P
ClientSampleId :
RT-3425DL

Tgt Ion:244 Resp: 71947

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	9.8
122	10.6	7.6	11.4

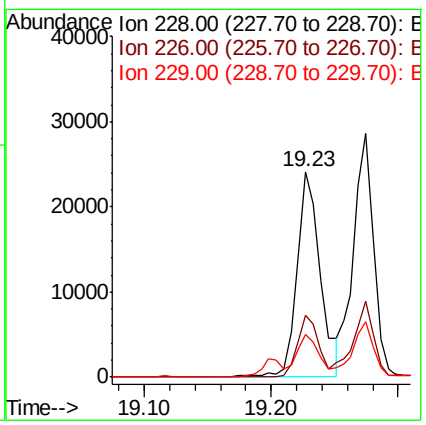


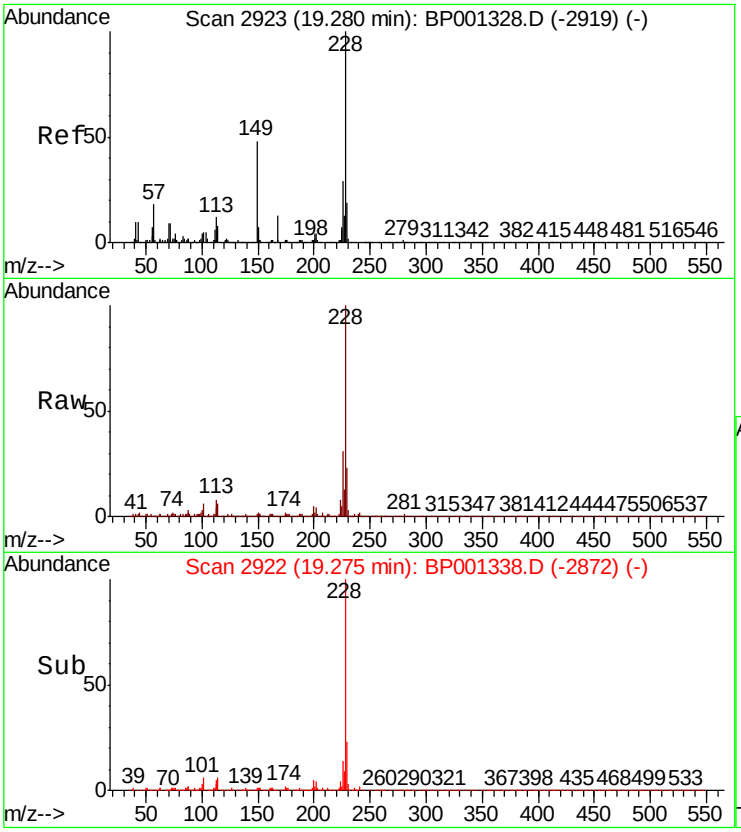


#81
Benzo(a)anthracene
Concen: 2.282 ng
RT: 19.23 min Scan# 2914
Delta R.T. -0.01 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Tgt Ion:228 Resp: 31116

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.2	31.8
229	20.7	15.4	23.0



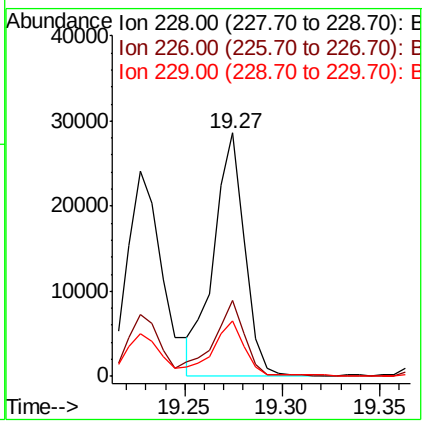


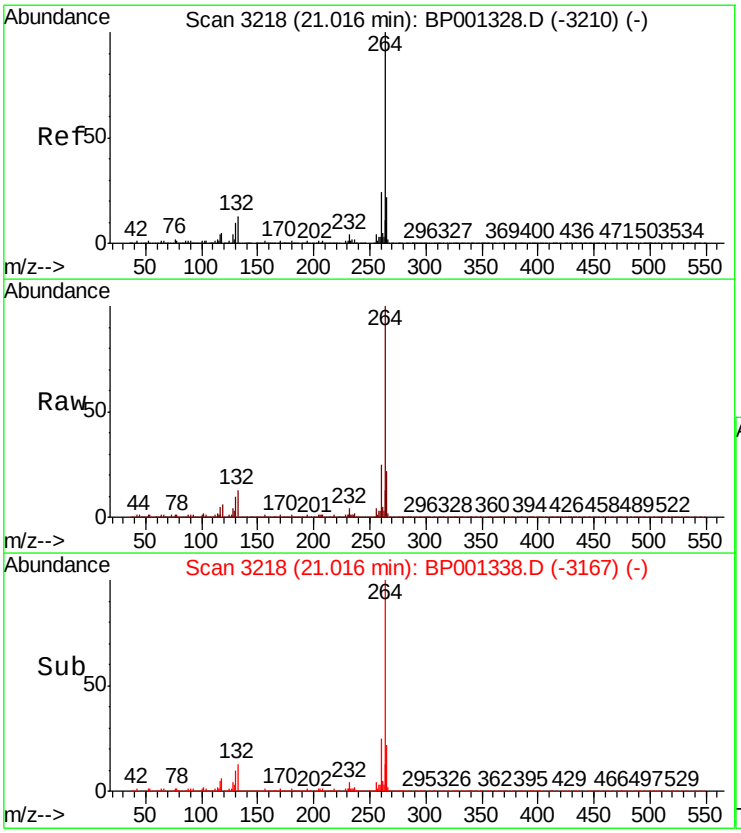
#83
Chrysene
Concen: 2.416 ng
RT: 19.27 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Instrument :
BNA_P
ClientSampleId :
RT-3425DL

Tgt Ion:228 Resp: 31797

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.1	34.7
229	22.8	15.4	23.2

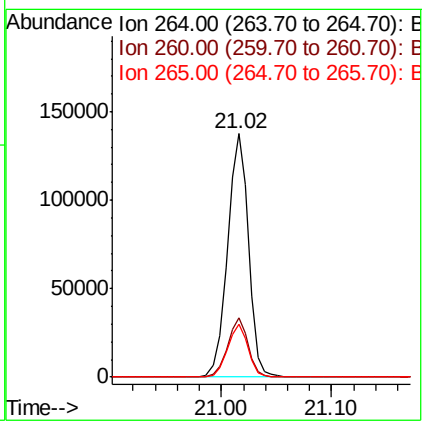


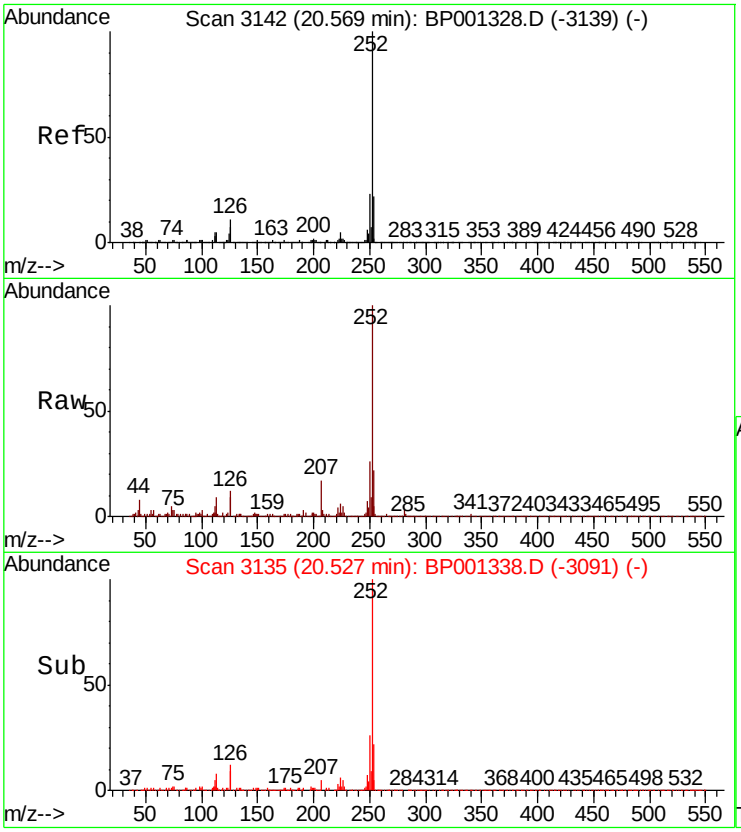


#87
Perylene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. 0.00 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Tgt Ion:264 Resp: 182808

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.6	17.4	26.2





#89
Benzo(k)fluoranthene
Concen: 2.090 ng
RT: 20.53 min Scan# 3135
Delta R.T. -0.04 min
Lab File: BP001338.D
Acq: 20 Dec 2019 12:01

Instrument :
BNA_P
ClientSampleId :
RT-3425DL

Tgt Ion:252 Resp: 23903

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	9.4	5.9	8.9#