Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000117.D
Acq On : 09 Sep 2019 02:46
Operator : HP/JU
Sample : K4716-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 09 06:42:19 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	427080	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1601191	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	870043	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	1556683	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	1294318	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1405305	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	2044383	76.33	ng	0.00
7) Phenol-d6	6.51	99	2647461	78.30	ng	0.00
23) Nitrobenzene-d5	7.45	82	1435192	55.00	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	648383	88.41	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2854489	54.79	ng	0.00
79) Terphenyl-d14	13.03	244	3272810	55.11	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	175815	9.137	ng	# 76
25) Isophorone	7.45	82	1435192	26.030	ng	# 66
32) Benzoic acid	7.93	122	226	8.074	ng	# 43
50) Dimethylphthalate	9.64	163	440651	7.432	ng	100
54) 2,4-Dinitrophenol	9.99	184	92	8.666	ng	# 1
57) 2,4-Dinitrotoluene	9.93	165	114204	7.108	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.50	198	75	7.735	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	46778	2.957	ng	# 1
69) Atrazine	11.09	200	235	Below Cal		# 1
71) Phenanthrene	11.45	178	995677	12.833	ng	97
72) Anthracene	11.50	178	210098	2.741	ng	97
75) Fluoranthene	12.65	202	1374634	16.304	ng	96
78) Pyrene	12.89	202	1117106	11.732	ng	96
81) Benzo(a)anthracene	14.09	228	555471	6.623	ng	98
83) Chrysene	14.12	228	548498	6.914	ng	96
88) Benzo(b)fluoranthene	15.16	252	808830	9.423	ng	98
89) Benzo(k)fluoranthene	15.16	252	808830	10.297	ng	99
90) Benzo(a)pyrene	15.55	252	442582	5.712	ng	97
92) Benzo(g,h,i)perylene	17.62	276	275752	3.595	ng	96

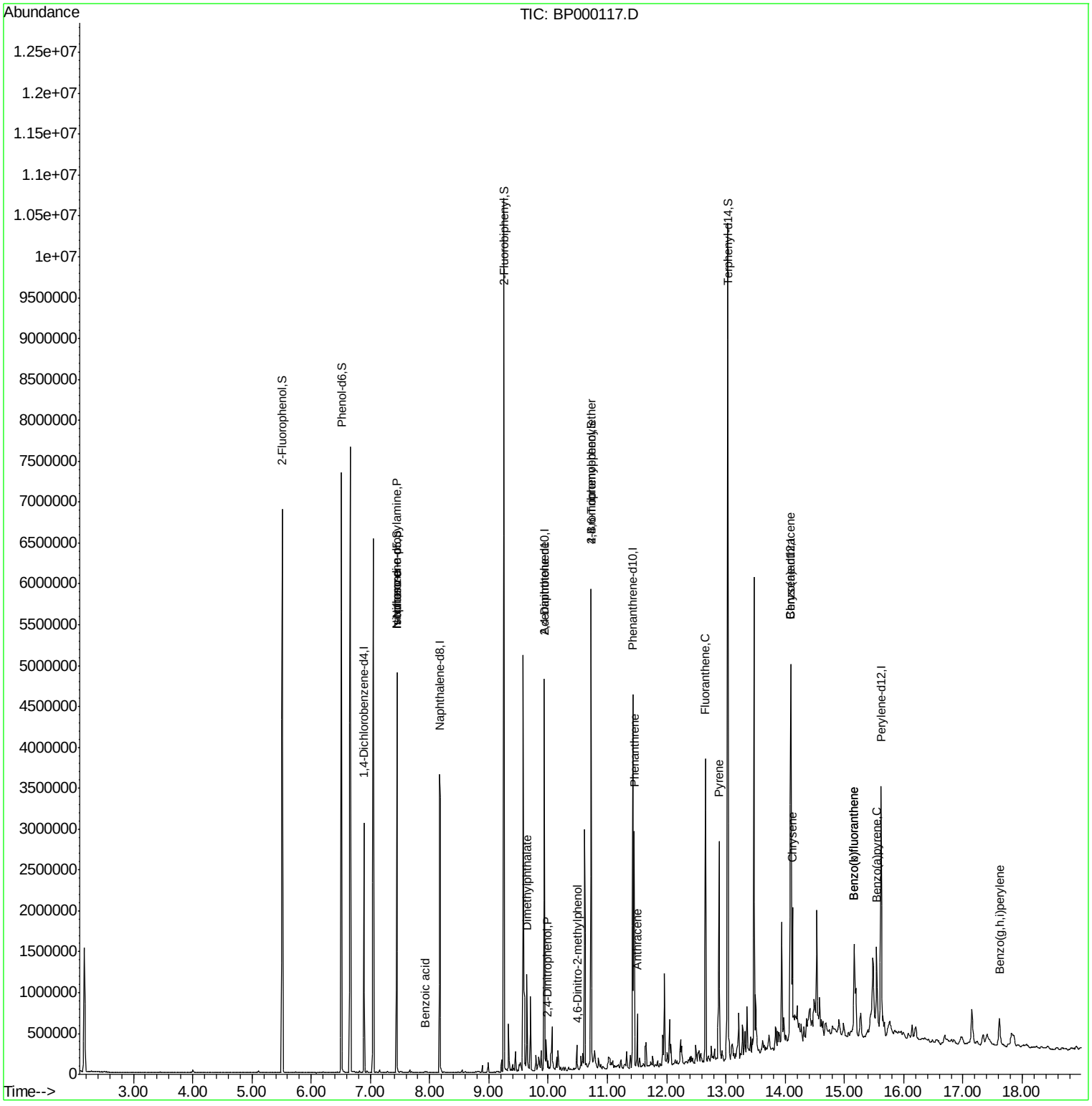
(#) = qualifier out of range (m) = manual integration (+) = signals summed

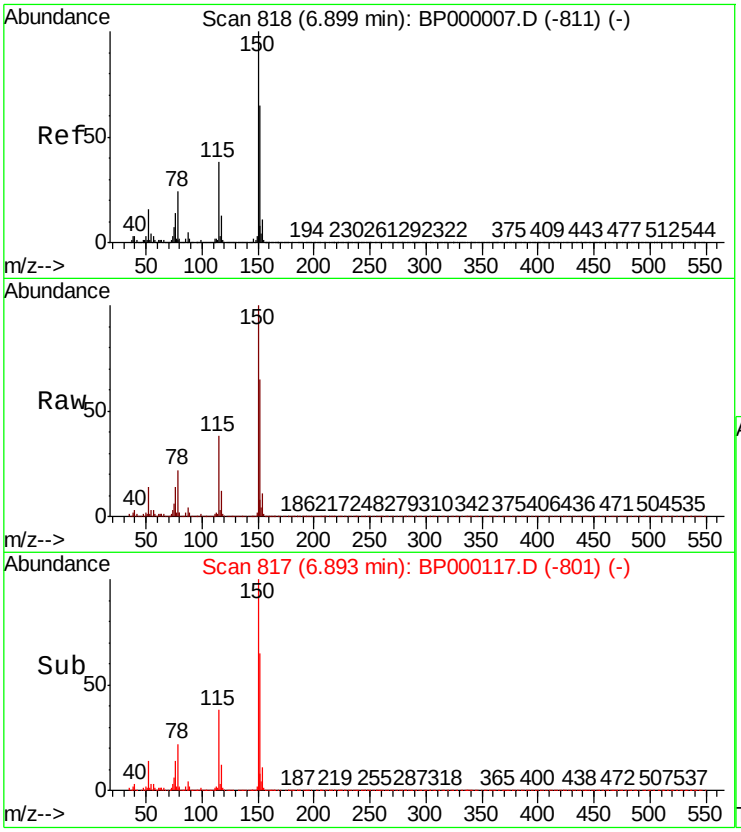
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000117.D
Acq On : 09 Sep 2019 02:46
Operator : HP/JU
Sample : K4716-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 09 06:42:19 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



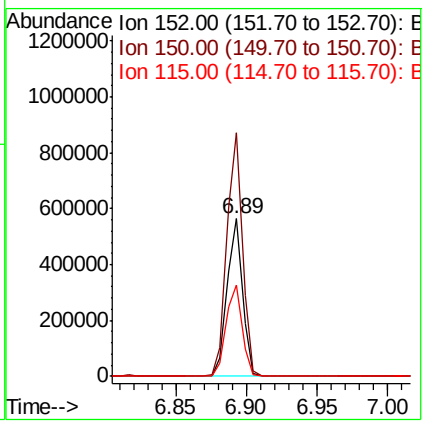


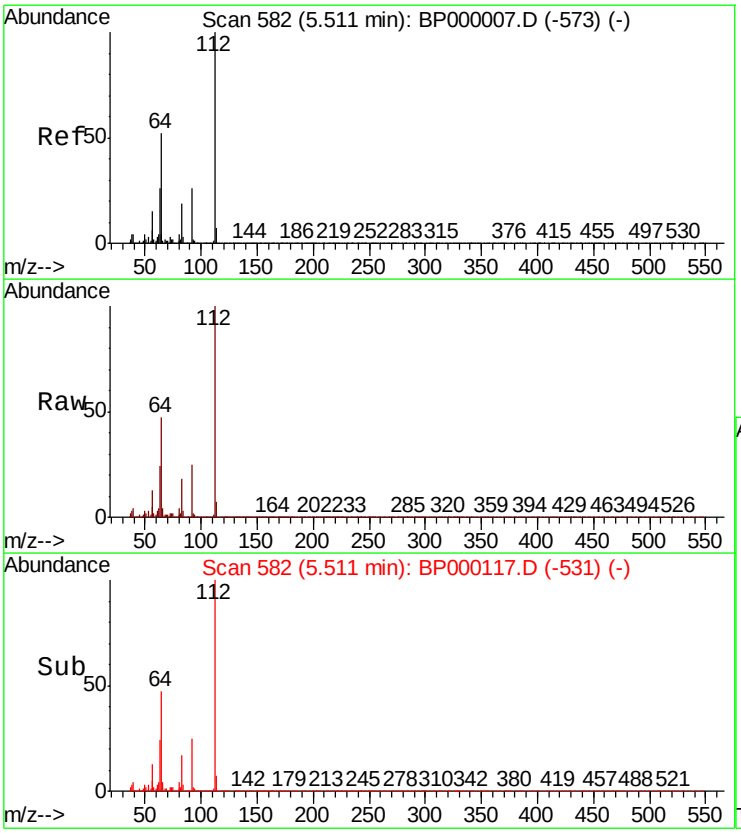
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 427080

Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.0	184.6
115	57.9	46.7	70.1

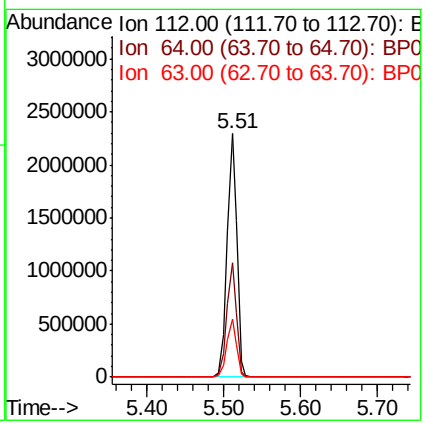


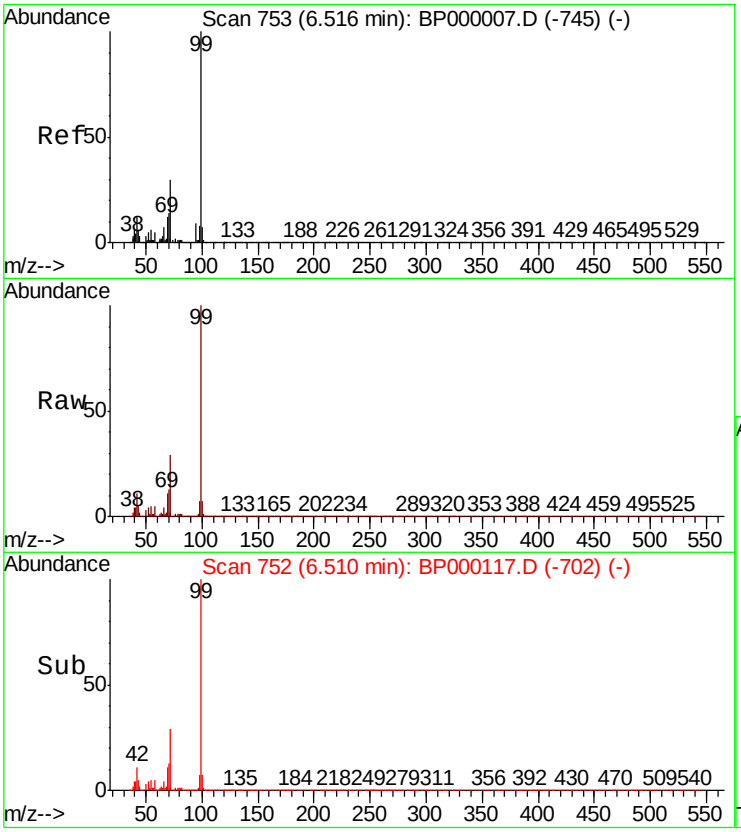


#5
2-Fluorophenol
Concen: 76.333 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.00 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion:112 Resp: 2044383

Ion	Ratio	Lower	Upper
112	100		
64	47.1	41.8	62.8
63	23.9	21.0	31.4



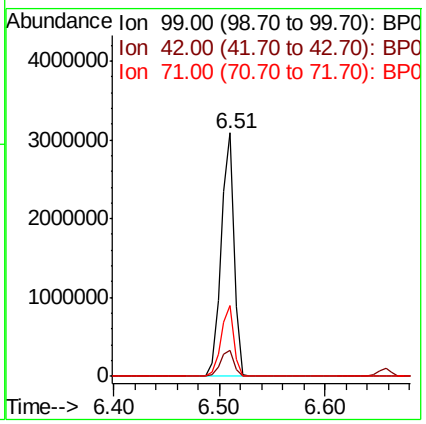


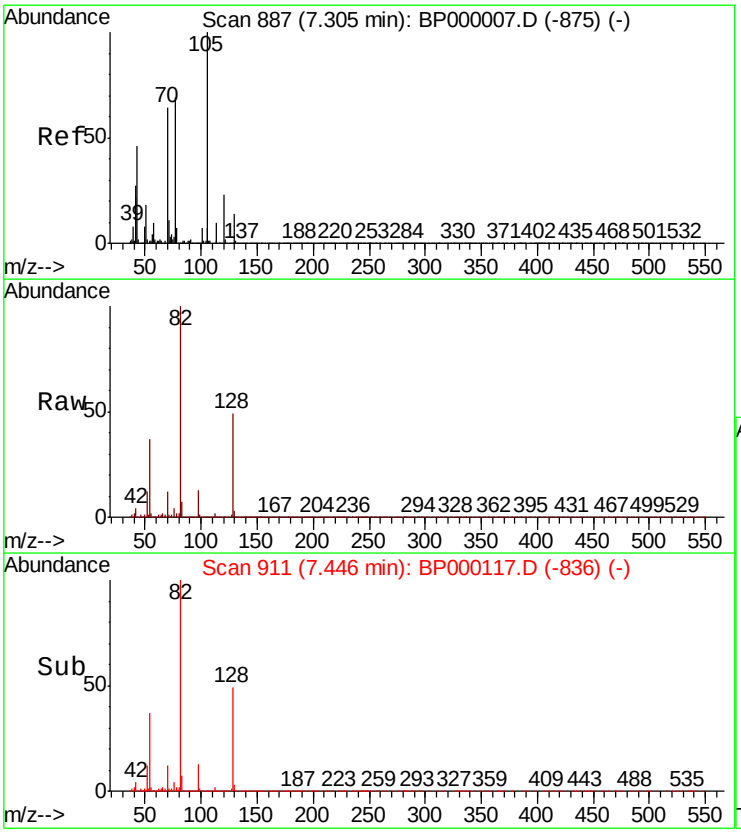
#7
Phenol-d6
Concen: 78.303 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 2647461

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

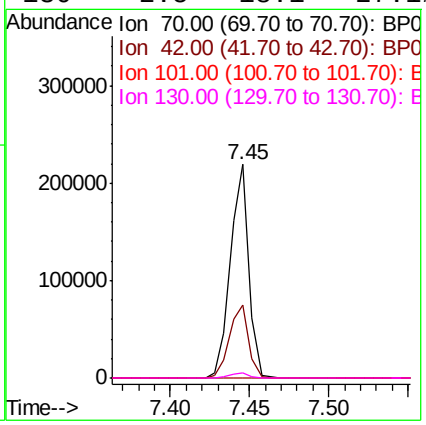


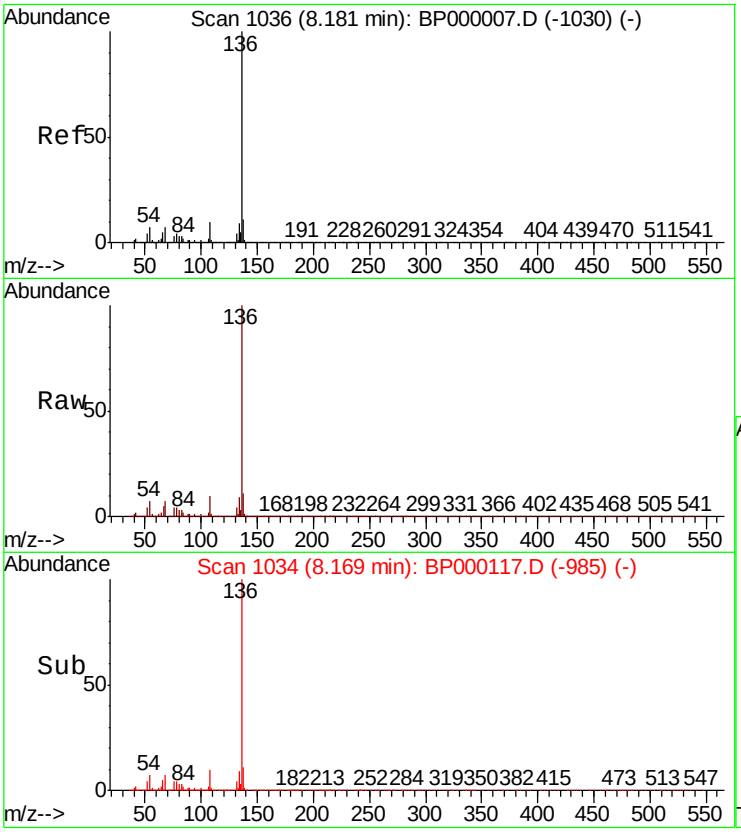


#19
n-Nitroso-di-n-propylamine
Concen: 9.137 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion: 70 Resp: 175815

Ion	Ratio	Lower	Upper
70	100		
42	34.1	33.8	50.6
101	0.1	8.7	13.1#
130	2.5	18.1	27.1#



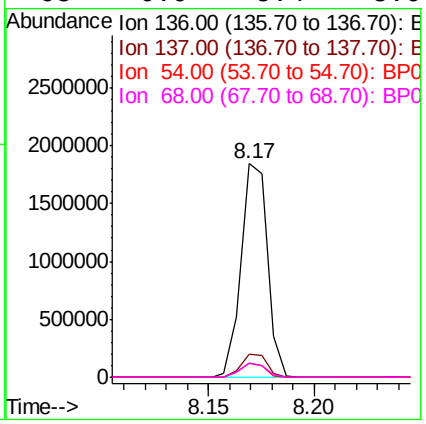


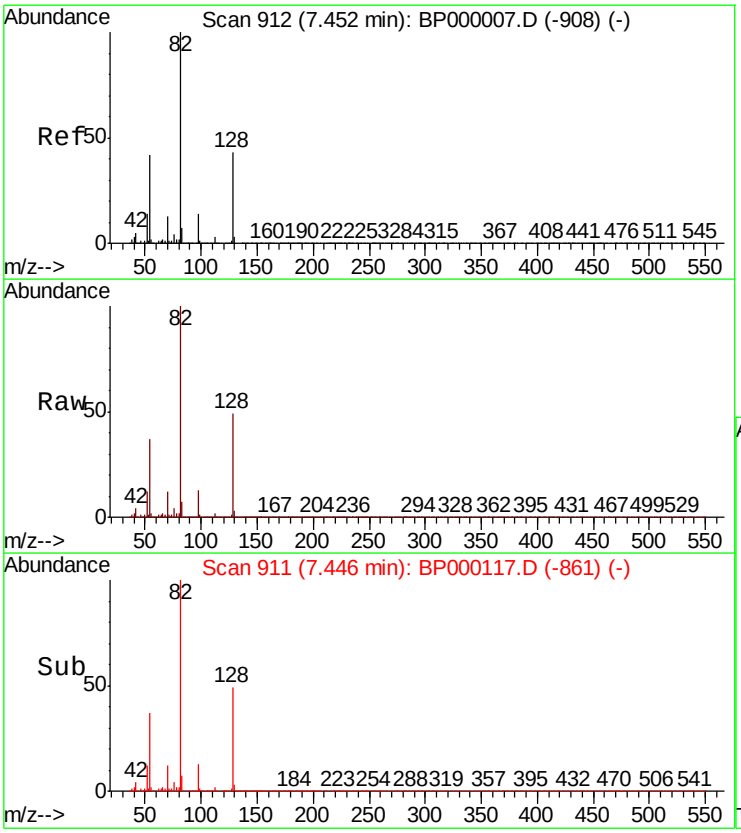
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 1601191

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.9	5.4	8.2
68	6.9	5.4	8.0

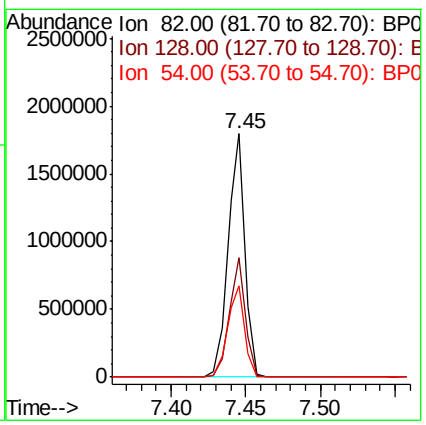


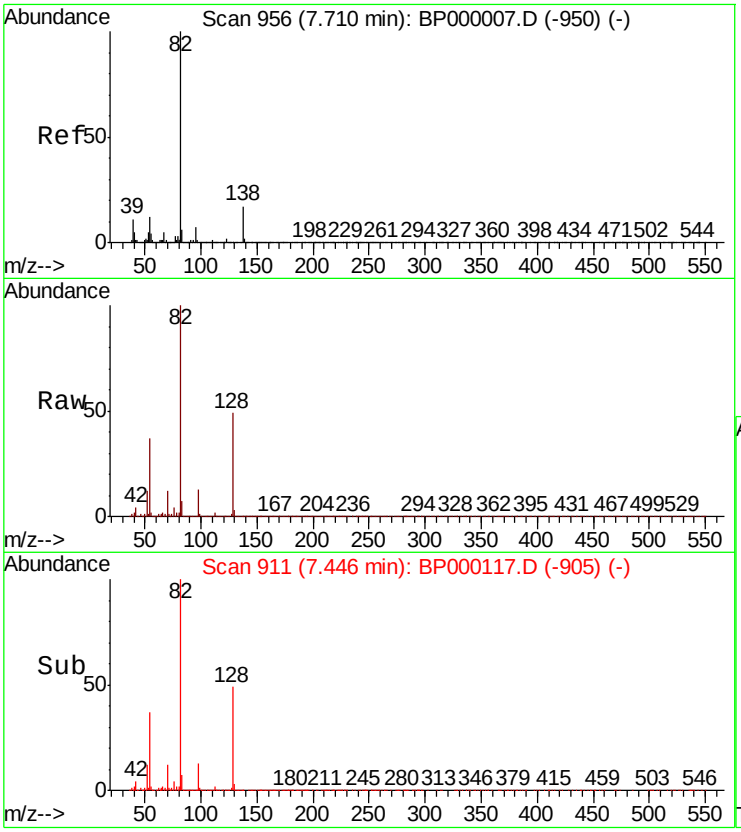


#23
Nitrobenzene-d5
Concen: 54.999 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion: 82 Resp: 1435192

Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.5	51.7
54	37.3	33.2	49.8



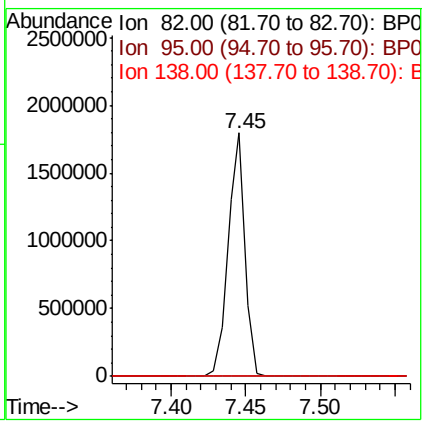


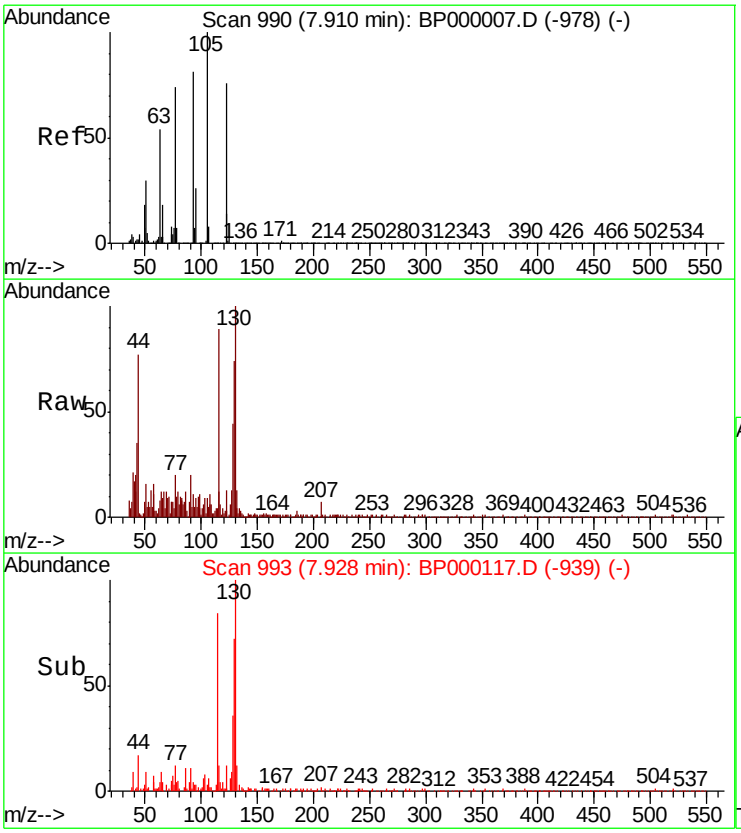
#25
Isophorone
Concen: 26.030 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1435192

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

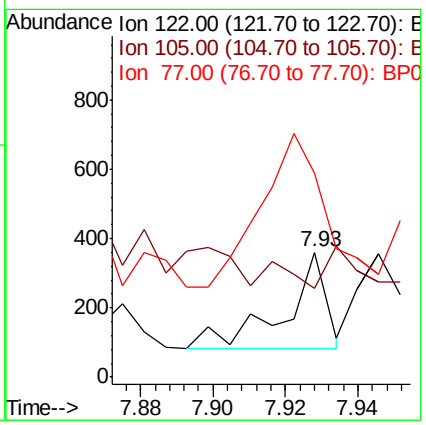


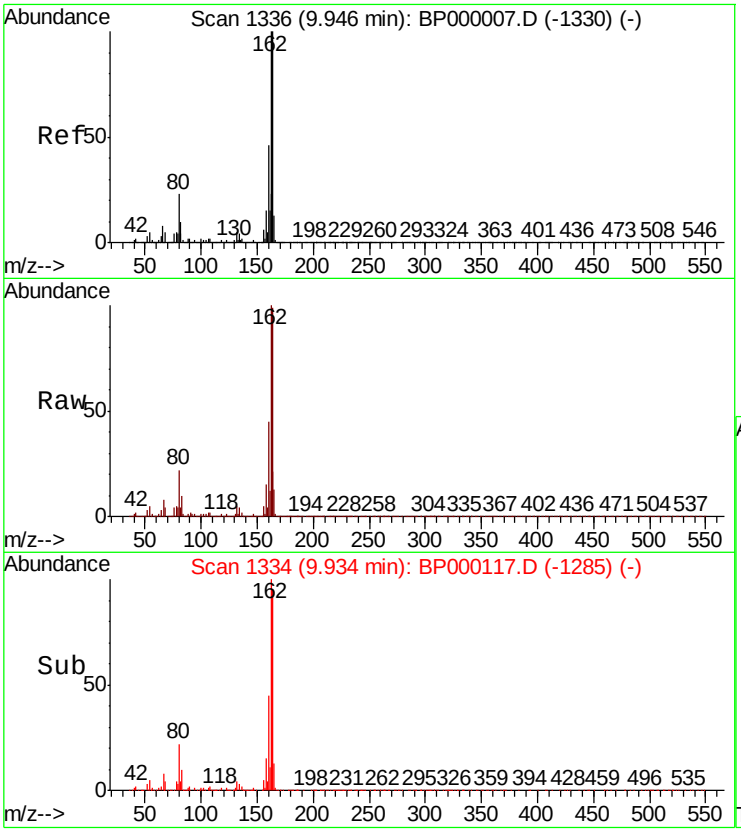


#32
Benzoic acid
Concen: 8.074 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.02 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion:122 Resp: 226

Ion	Ratio	Lower	Upper
122	100		
105	70.9	104.6	144.6#
77	162.6	74.1	114.1#



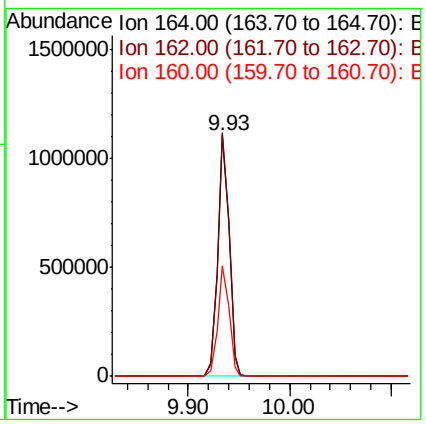


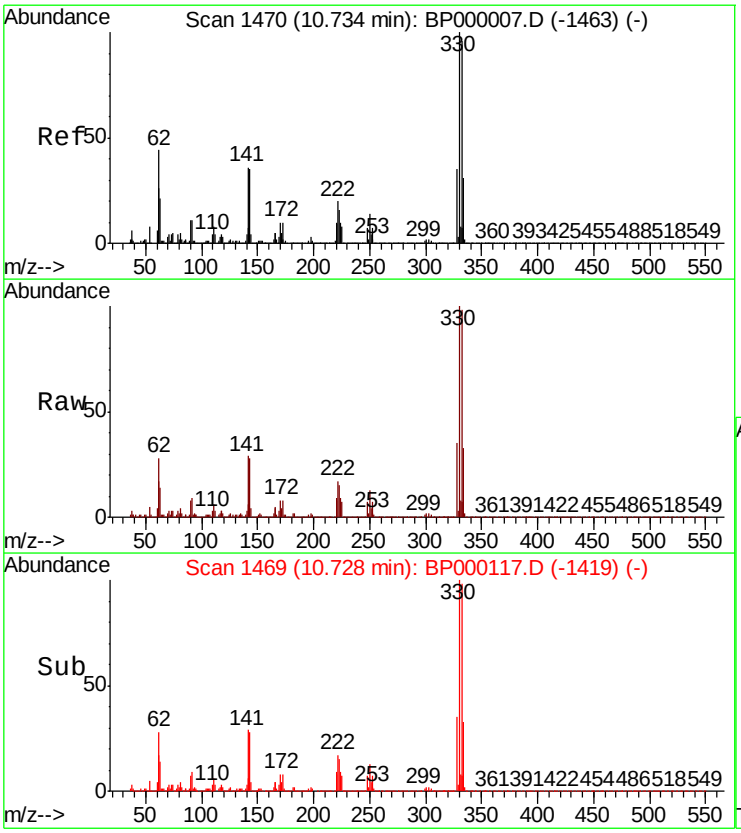
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 870043

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.4
160	45.7	36.6	55.0

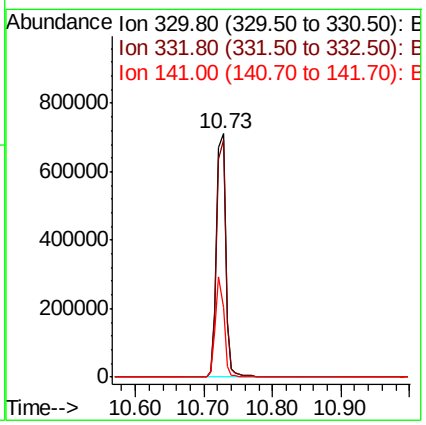


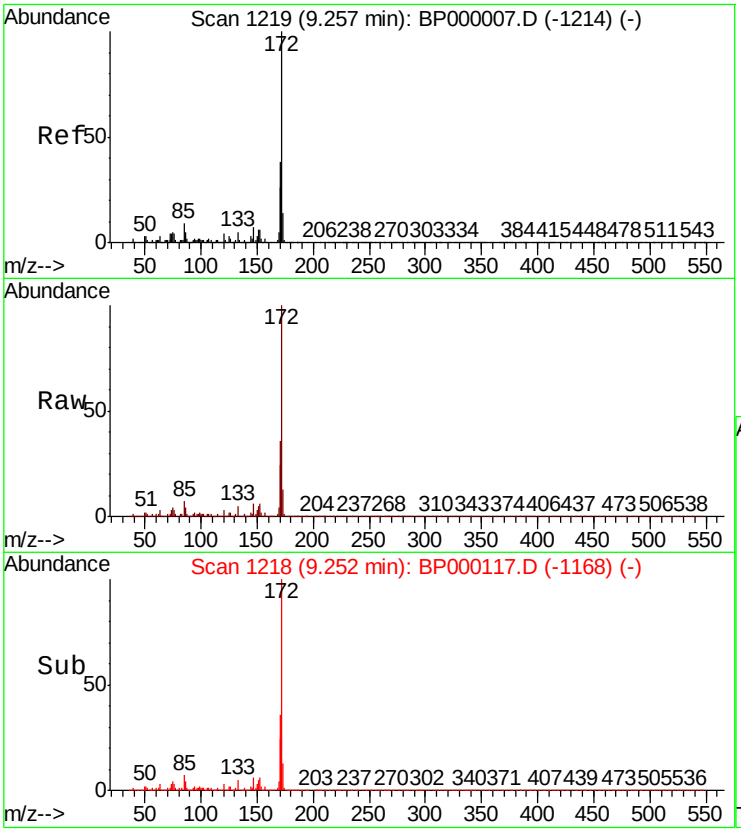


#42
2,4,6-Tribromophenol
Concen: 88.413 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion:330 Resp: 648383

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.8	115.2
141	38.3	33.6	50.4



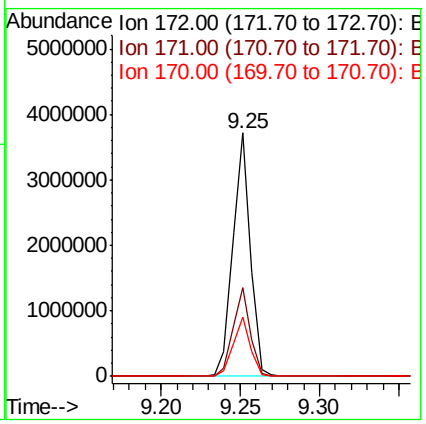


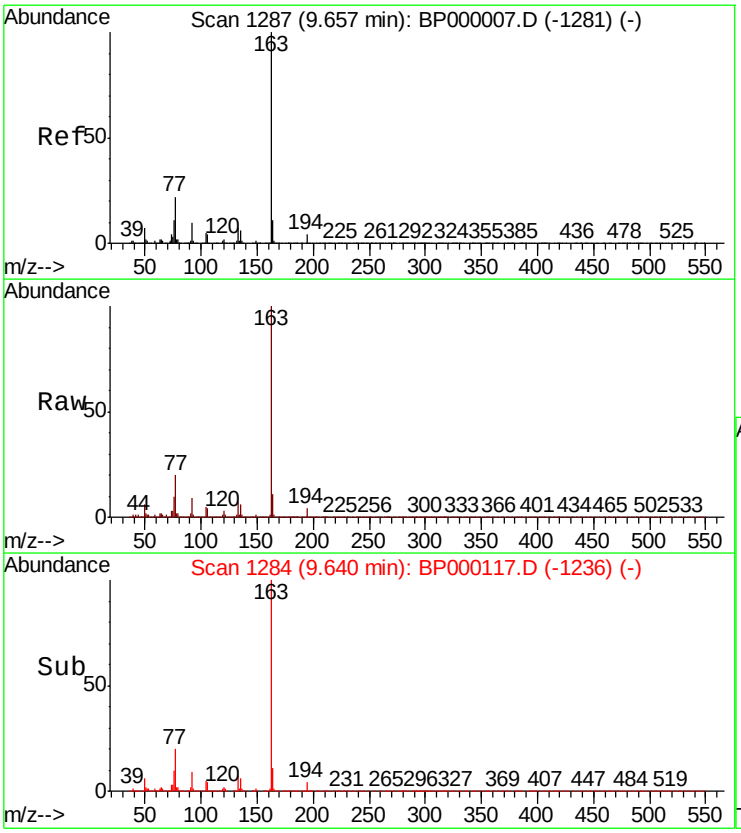
#45
2-Fluorobiphenyl
Concen: 54.790 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 2854489

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.7	46.1
170	24.3	20.7	31.1

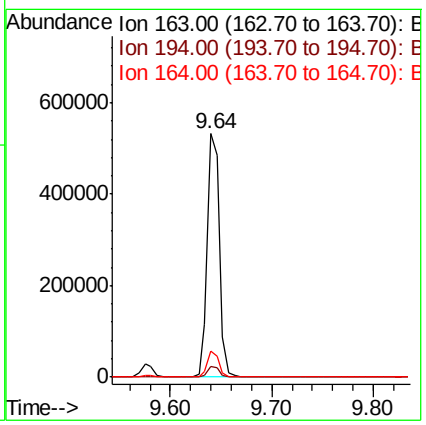


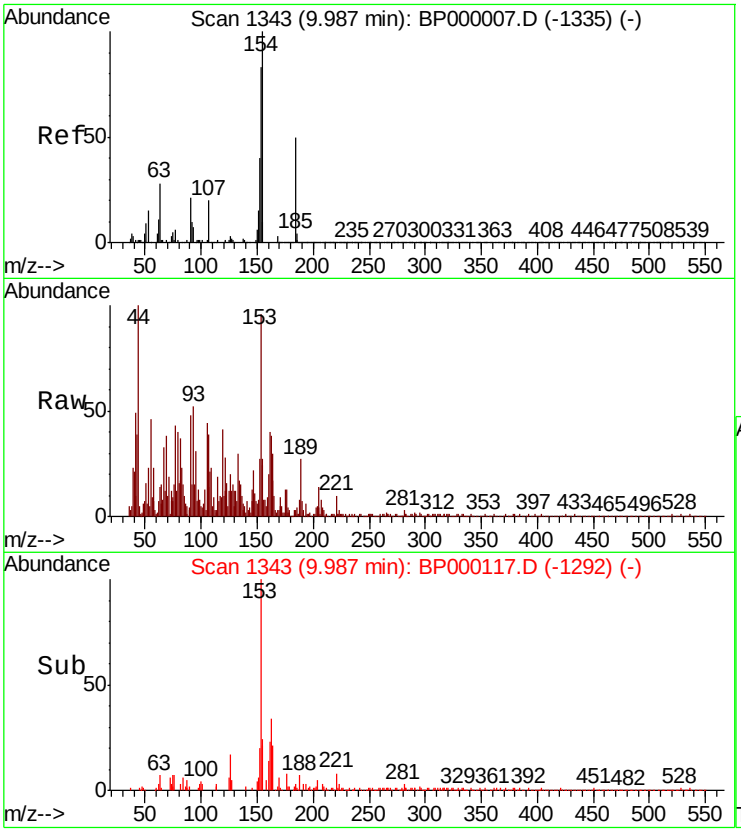


#50
Dimethylphthalate
Concen: 7.432 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion:163 Resp: 440651

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.5	8.4	12.6



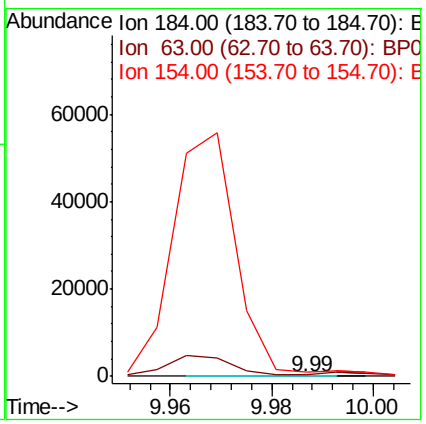


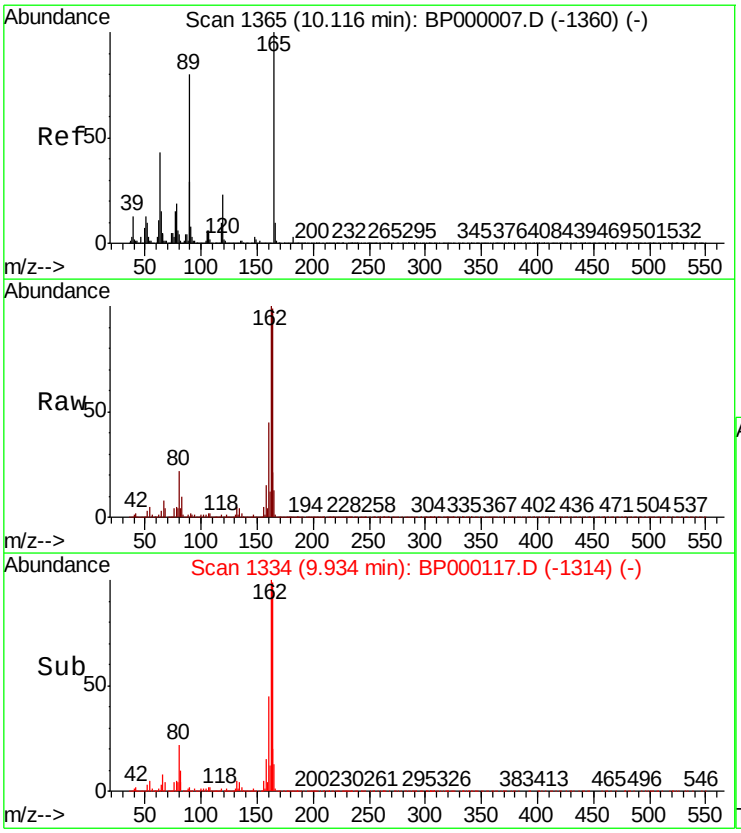
#54
2,4-Dinitrophenol
Concen: 8.666 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:184 Resp: 92

Ion	Ratio	Lower	Upper
184	100		
63	410.1	46.0	69.0#
154	762.4	161.9	242.9#

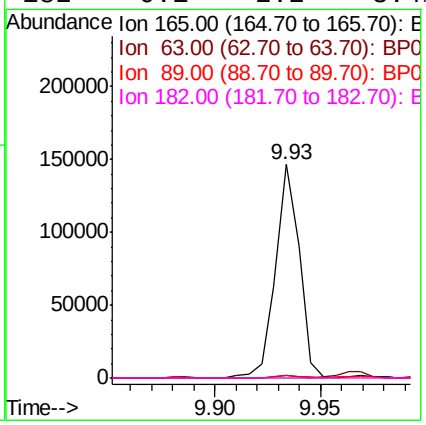


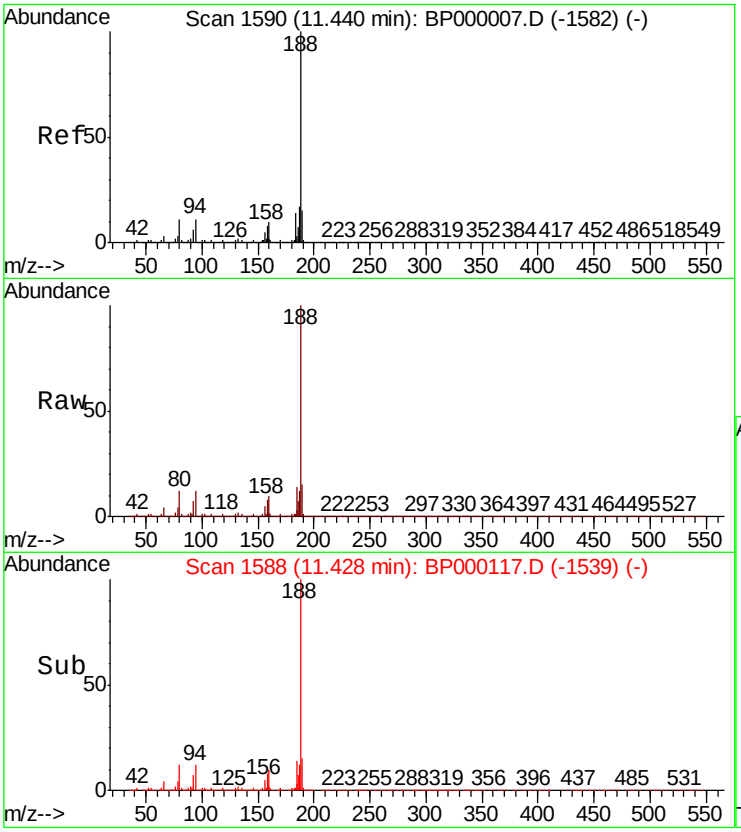


#57
2,4-Dinitrotoluene
Concen: 7.108 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion:165 Resp: 114204

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.4	51.6#
89	1.2	64.3	96.5#
182	0.1	2.2	3.4#



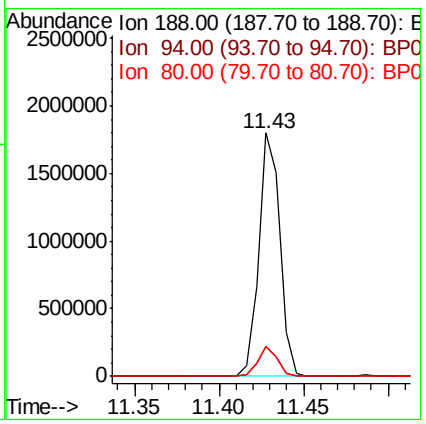


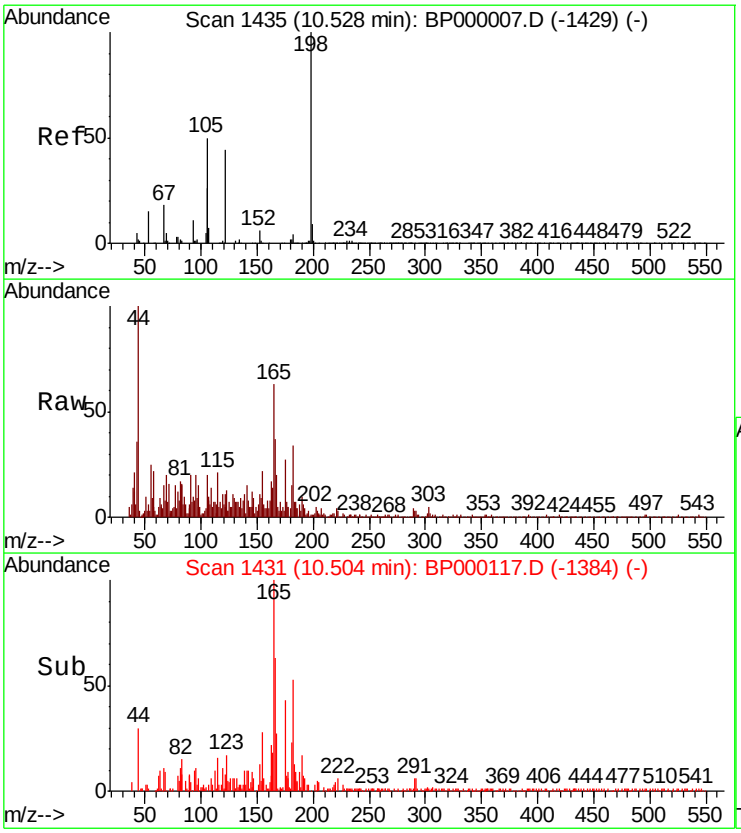
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 1556683

Ion	Ratio	Lower	Upper
188	100		
94	12.2	8.8	13.2
80	12.4	9.0	13.6

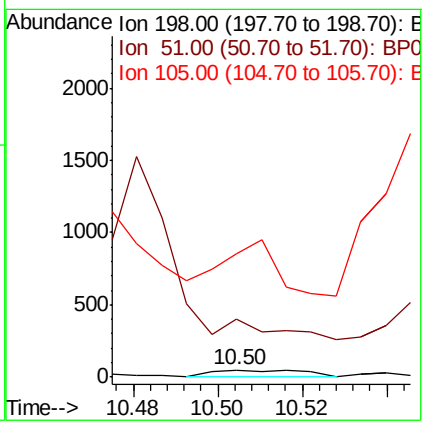


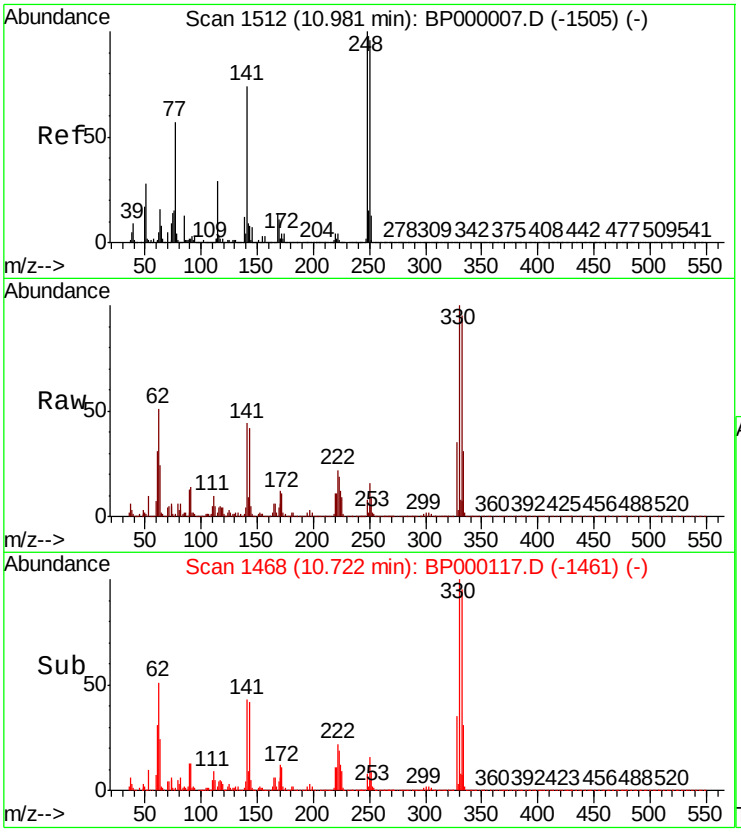


#65
4,6-Dinitro-2-methylphenol
Concen: 7.735 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion:198 Resp: 75

Ion	Ratio	Lower	Upper
198	100		
51	820.4	22.1	62.1#
105	1740.8	32.0	72.0#



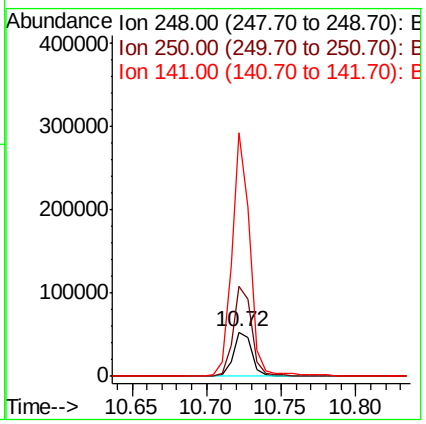


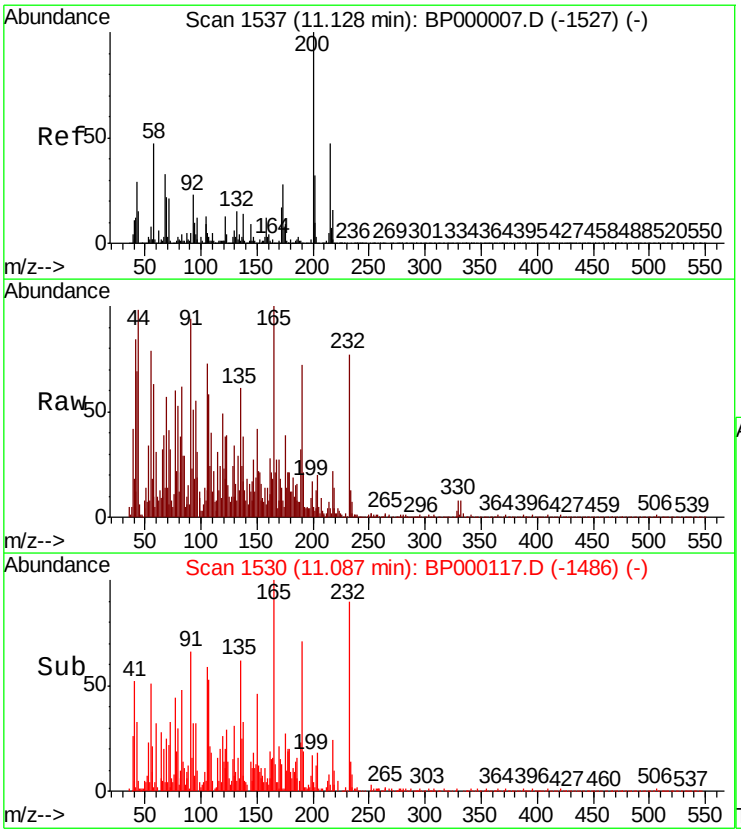
#67
4-Bromophenyl-phenylether
Concen: 2.957 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.26 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:248 Resp: 46778

Ion	Ratio	Lower	Upper
248	100		
250	203.0	77.1	115.7#
141	546.8	59.5	89.3#

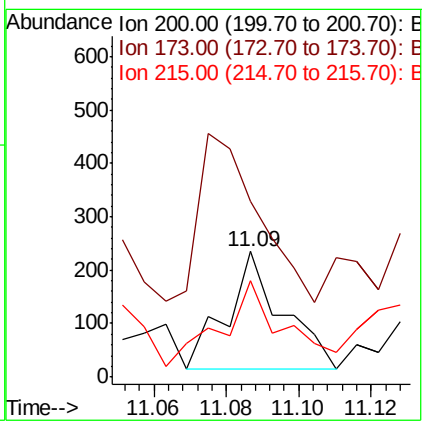


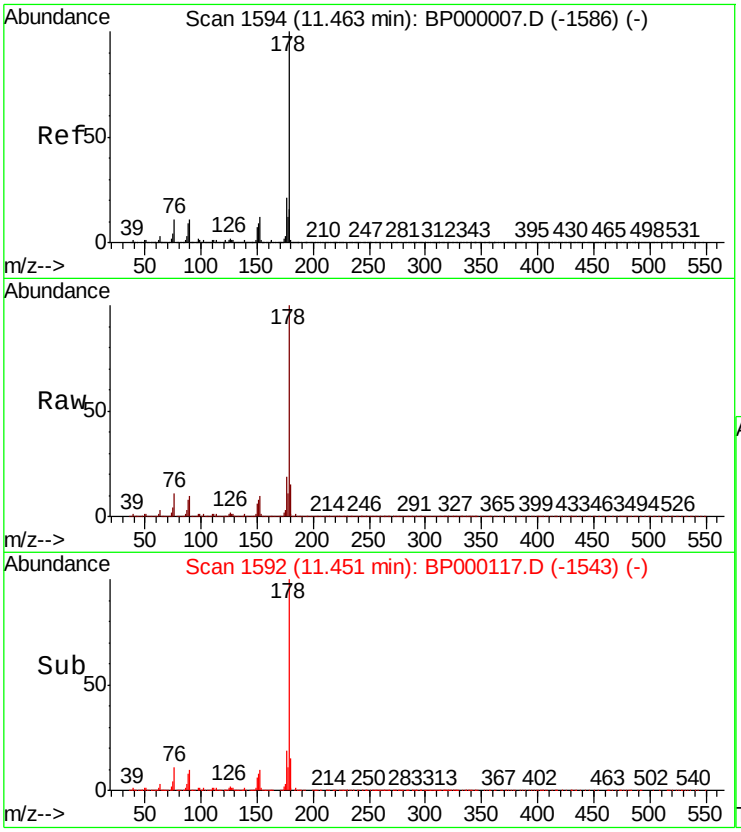


#69
Atrazine
Concen: Below Cal
RT: 11.09 min Scan# 1530
Delta R.T. -0.04 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion:200 Resp: 235

Ion	Ratio	Lower	Upper
200	100		
173	140.0	8.1	48.1#
215	77.0	26.7	66.7#



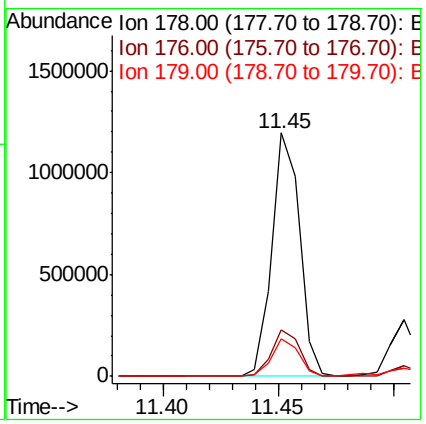


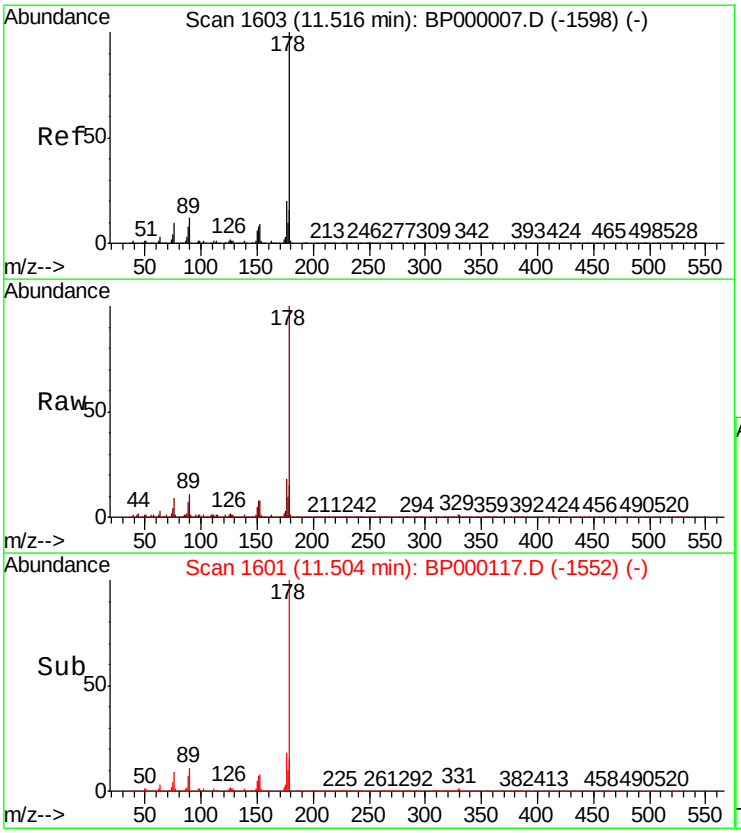
#71
Phenanthrene
Concen: 12.833 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 995677

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.7	25.1
179	15.4	13.1	19.7

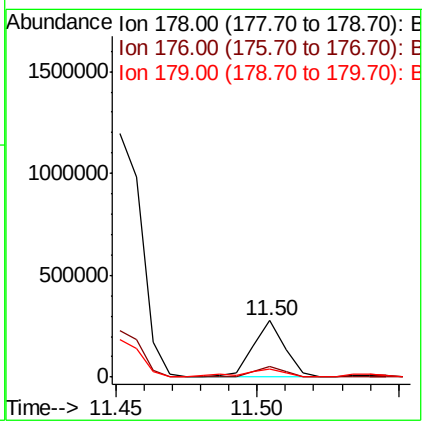


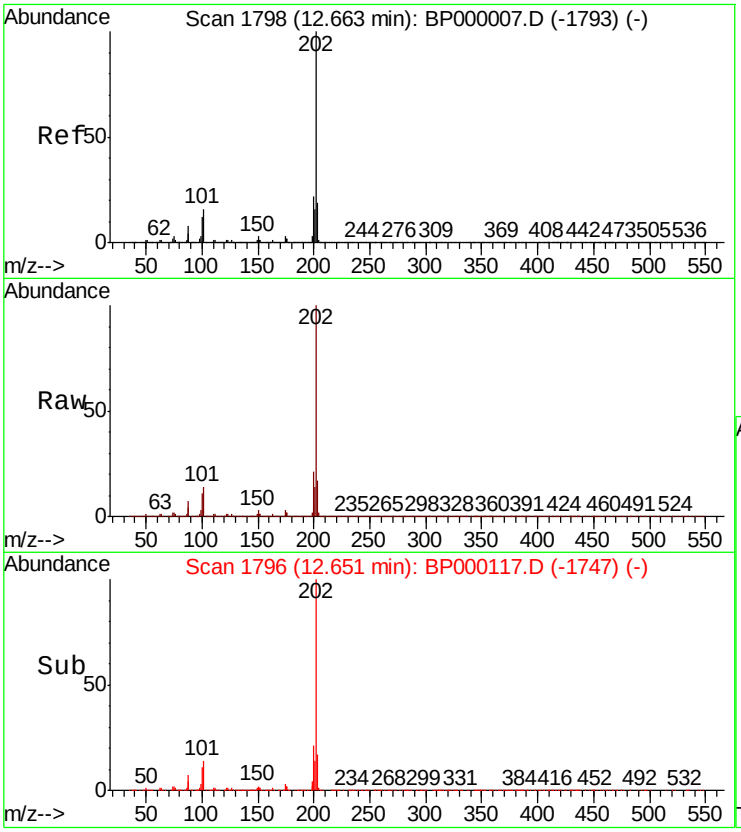


#72
Anthracene
Concen: 2.741 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion:178 Resp: 210098

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.9	23.9
179	15.4	13.0	19.6



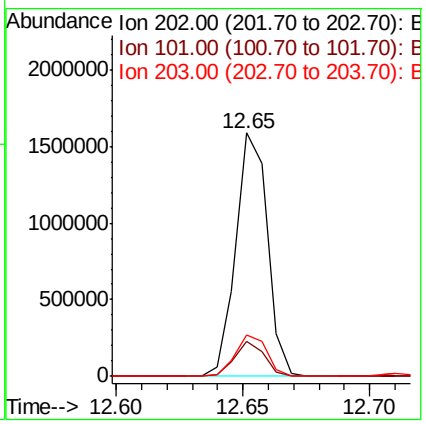


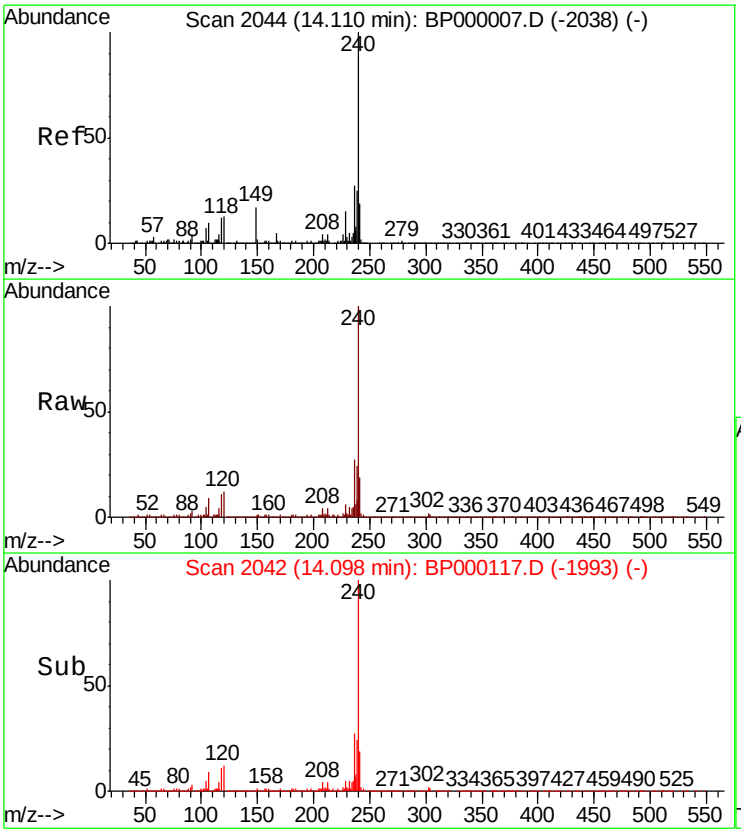
#75
Fluoranthene
Concen: 16.304 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 1374634

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	36.4
203	17.2	0.0	38.7

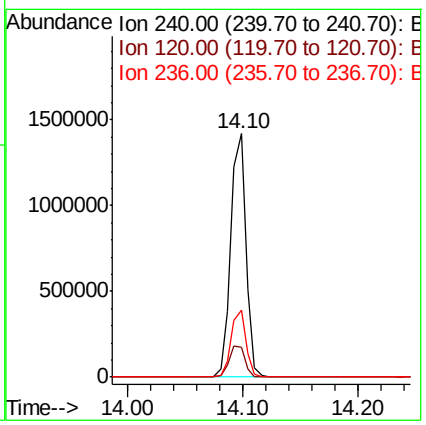


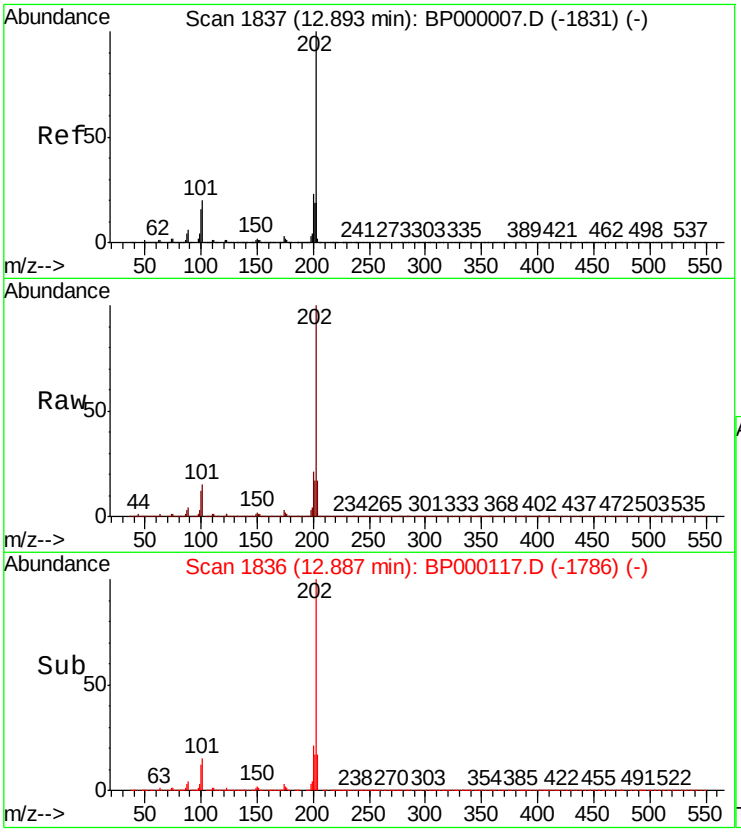


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion:240 Resp: 1294318

Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.5	15.7
236	27.3	21.5	32.3



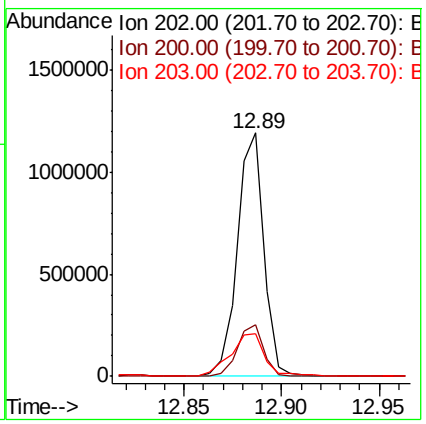


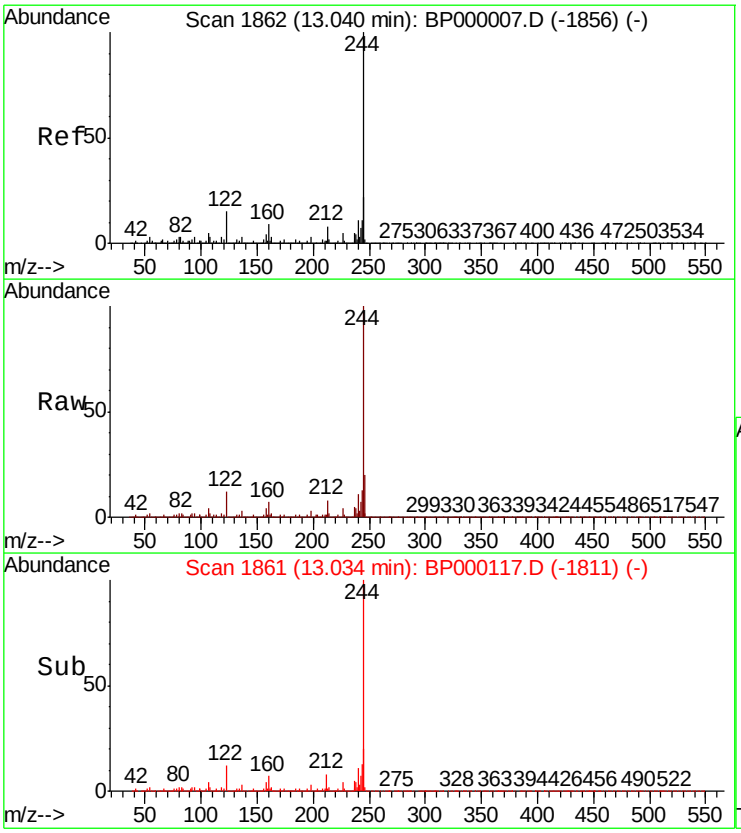
#78
Pyrene
Concen: 11.732 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 1117106

Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.5	27.7
203	17.3	15.1	22.7

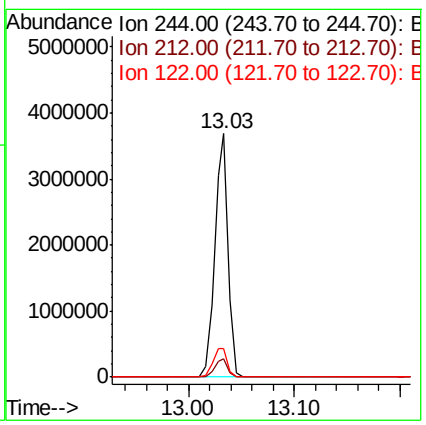


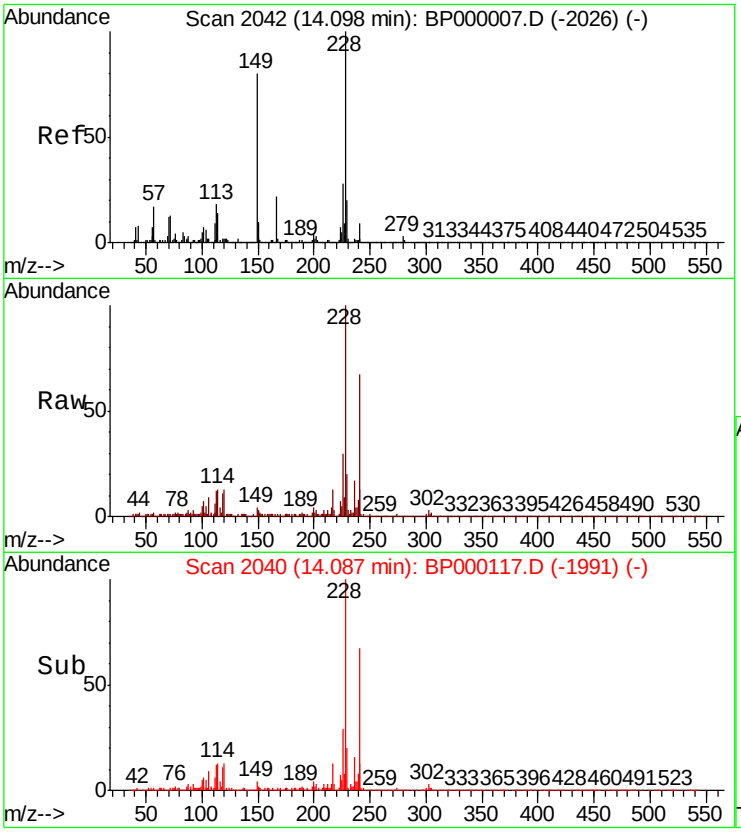


#79
Terphenyl-d14
Concen: 55.114 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion:244 Resp: 3272810

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	10.0
122	11.5	12.3	18.5#



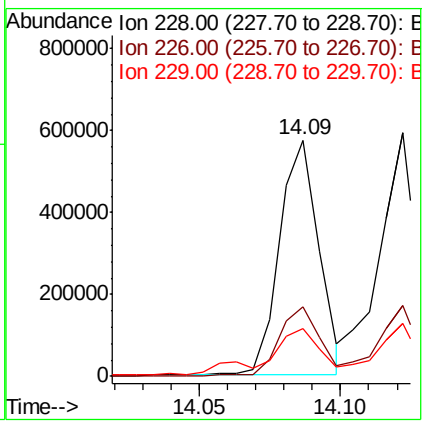


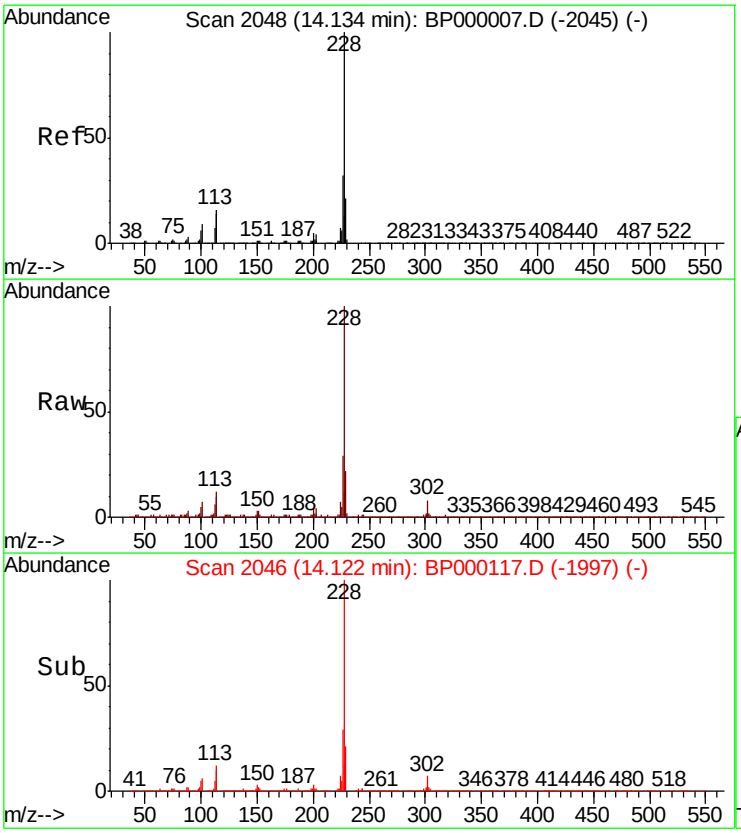
#81
Benzo(a)anthracene
Concen: 6.623 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 555471

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.5	33.7
229	20.3	16.2	24.2

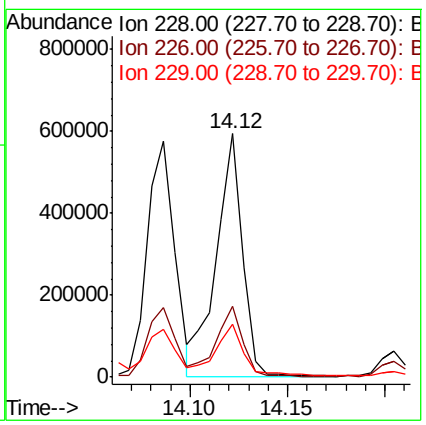


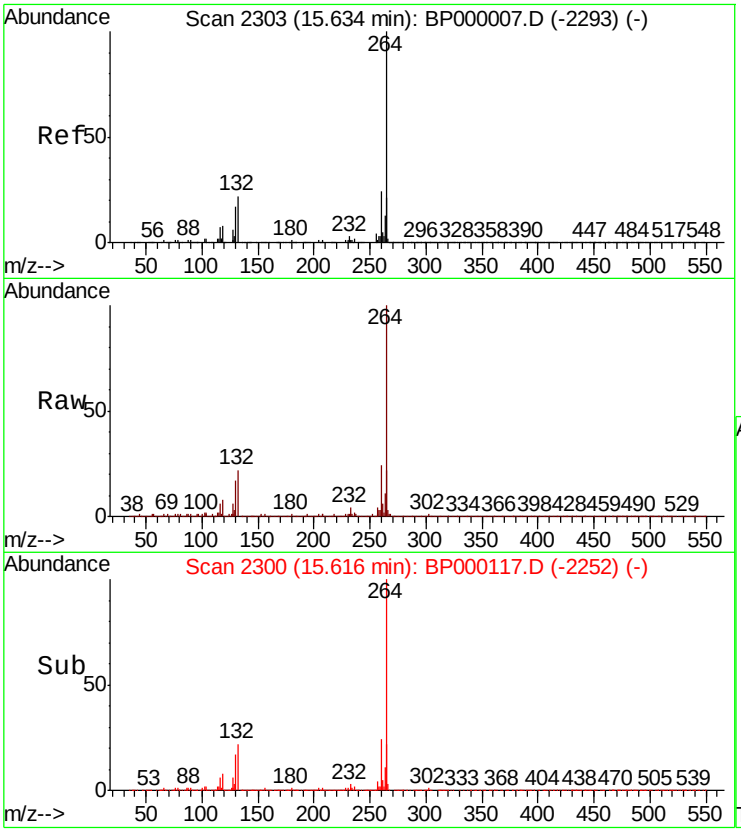


#83
Chrysene
Concen: 6.914 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion:228 Resp: 548498

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.5	38.3
229	21.7	16.5	24.7



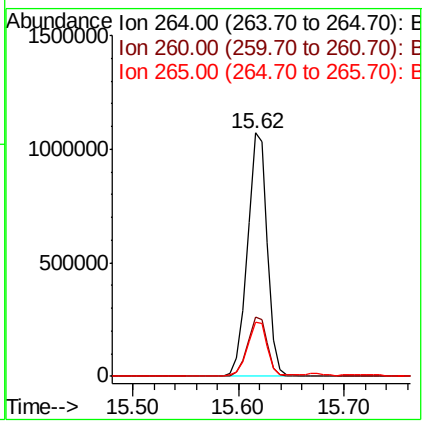


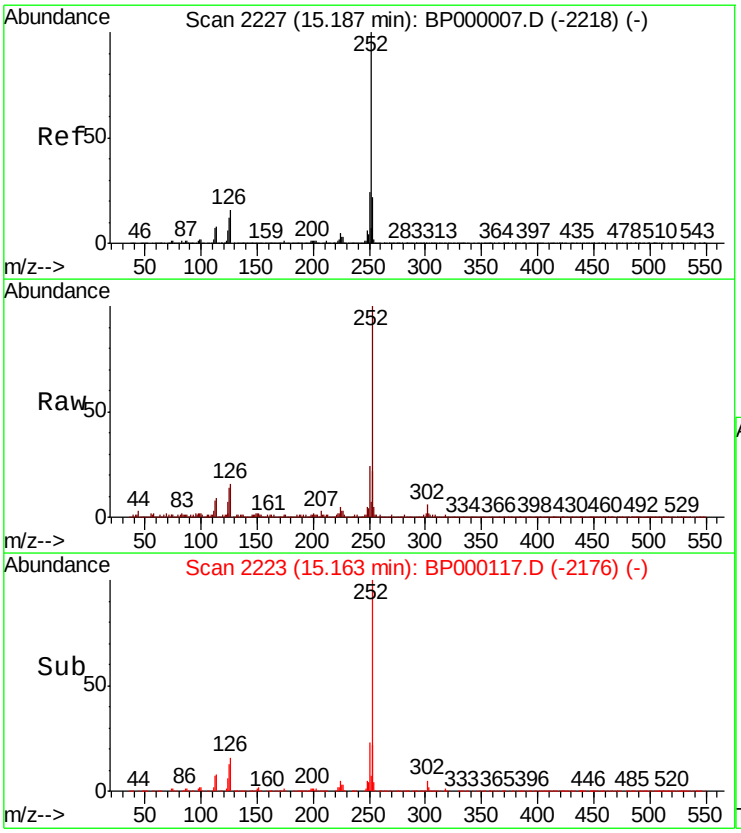
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 1405305

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	22.3	17.1	25.7

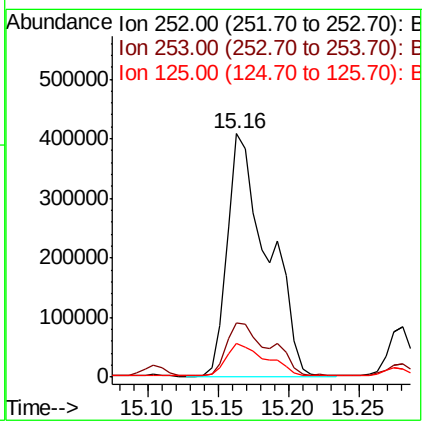


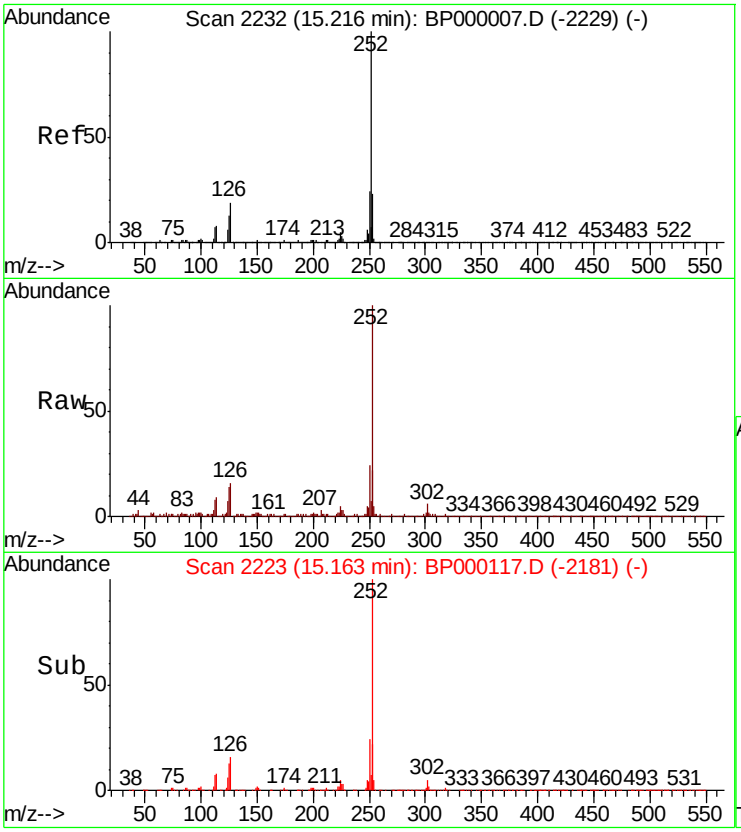


#88
Benzo(b)fluoranthene
Concen: 9.423 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion:252 Resp: 808830

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	13.8	9.4	14.2



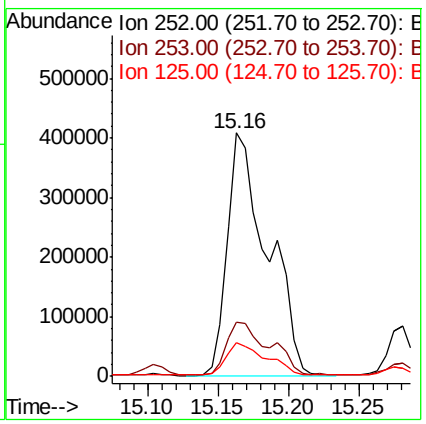


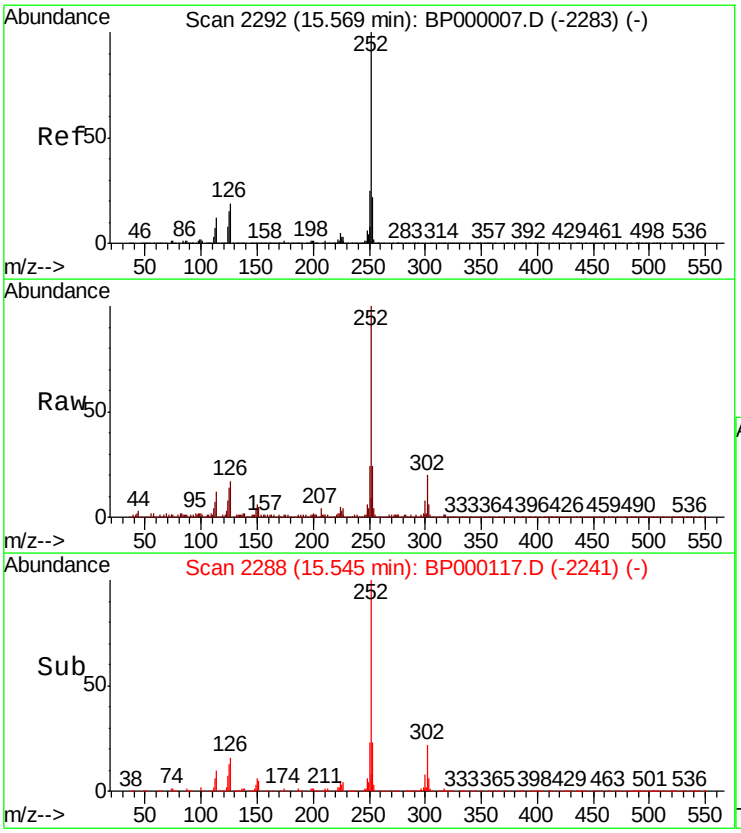
#89
Benzo(k)fluoranthene
Concen: 10.297 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.05 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 808830

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	13.8	10.3	15.5

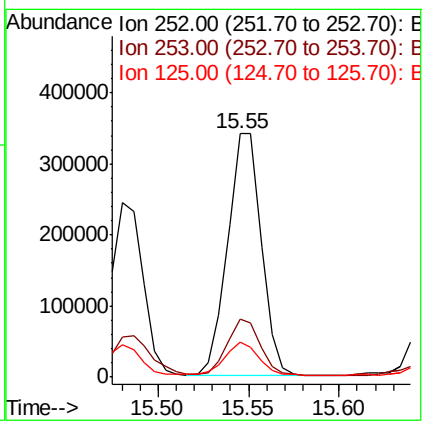


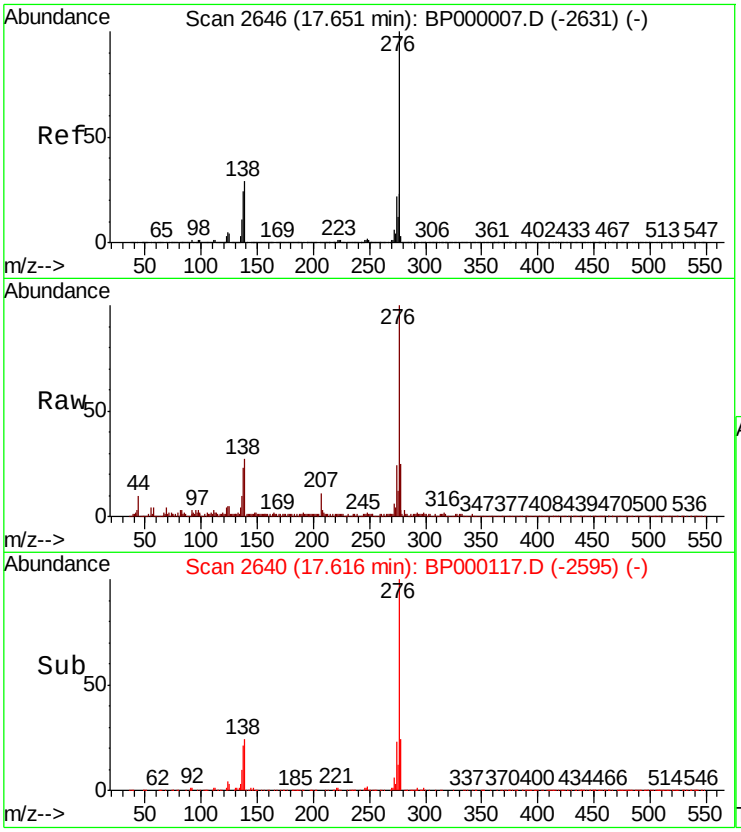


#90
Benzo(a)pyrene
Concen: 5.712 ng
RT: 15.55 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Tgt Ion:252 Resp: 442582

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	14.4	11.7	17.5





#92
Benzo(g,h,i)perylene
Concen: 3.595 ng
RT: 17.62 min Scan# 2640
Delta R.T. -0.04 min
Lab File: BP000117.D
Acq: 09 Sep 2019 02:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 275752

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	26.5	23.0	34.4