Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000121.D
Acq On : 09 Sep 2019 04:24
Operator : HP/JU
Sample : K4719-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 09 06:43:55 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	442735	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1644147	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	899539	20.00	ng		-0.01
64) Phenanthrene-d10	11.43	188	1489563	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1031459	20.00	ng		0.00
87) Perylene-d12	15.63	264	1215477	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1531345	55.16	ng		0.00
7) Phenol-d6	6.51	99	1959215	55.90	ng		0.00
23) Nitrobenzene-d5	7.45	82	1037464	38.72	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	465948	61.45	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	2256371	41.89	ng		0.00
79) Terphenyl-d14	13.04	244	1970272	41.63	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	126964	6.365	ng	#	75
25) Isophorone	7.45	82	1036377	18.305	ng	#	66
32) Benzoic acid	7.84	122	5879	8.382	ng		90
50) Dimethylphthalate	9.65	163	165284	2.696	ng		99
51) 2,6-Dinitrotoluene	9.93	165	118269	9.090	ng	#	30
54) 2,4-Dinitrophenol	9.98	184	70	8.661	ng	#	1
57) 2,4-Dinitrotoluene	9.93	165	118269	7.120	ng	#	20
65) 4,6-Dinitro-2-methylphenol	10.55	198	215	7.756	ng	#	1
69) Atrazine	11.16	200	1743	Below Cal		#	1
75) Fluoranthene	12.66	202	285236	3.535	ng		88
78) Pyrene	12.89	202	260398	3.432	ng	#	94
81) Benzo(a)anthracene	14.09	228	143262	2.143	ng	#	85
83) Chrysene	14.13	228	153939	2.435	ng	#	96
84) Bis(2-ethylhexyl)phthalate	14.09	149	219467	4.988	ng	#	98
88) Benzo(b)fluoranthene	15.17	252	344398	4.639	ng	#	90
89) Benzo(k)fluoranthene	15.17	252	344398	5.069	ng	#	91
90) Benzo(a)pyrene	15.56	252	143960	2.148	ng	#	89
92) Benzo(g,h,i)perylene	17.63	276	139822	2.108	ng		96

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

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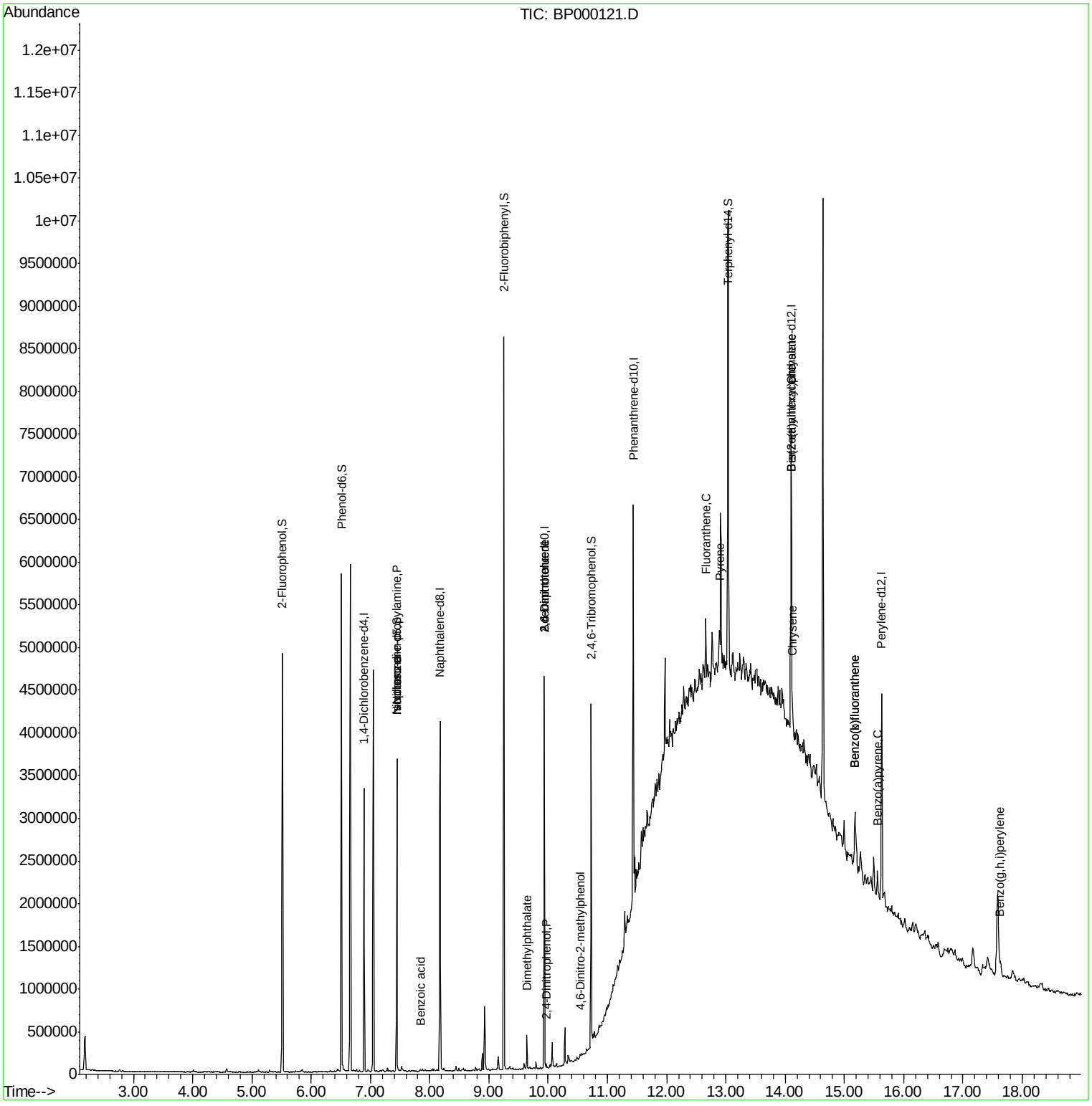
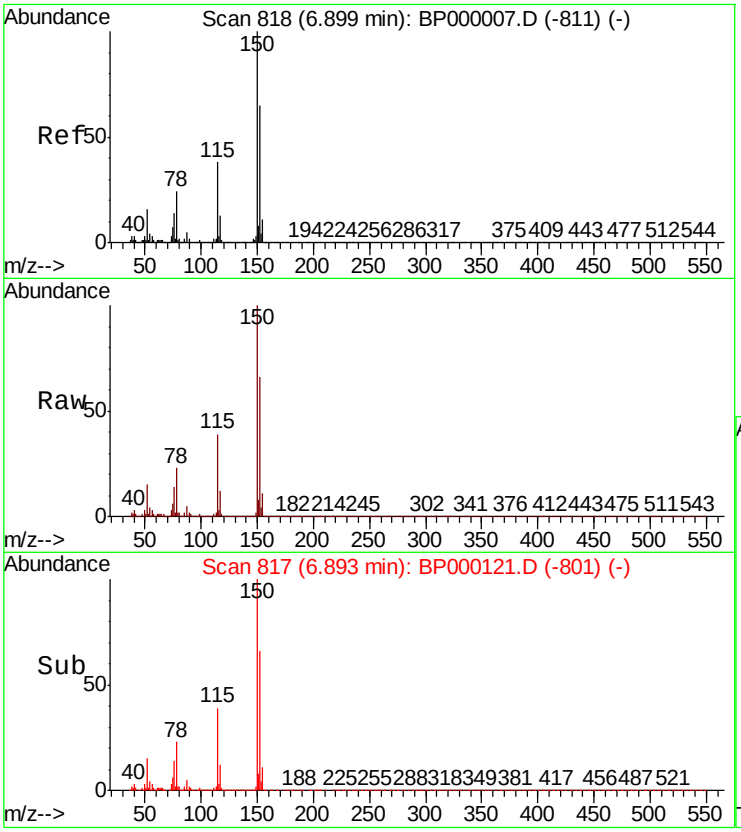


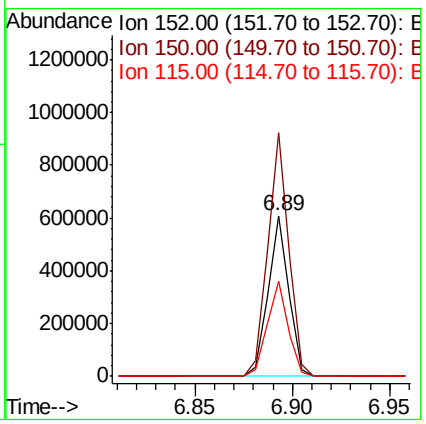


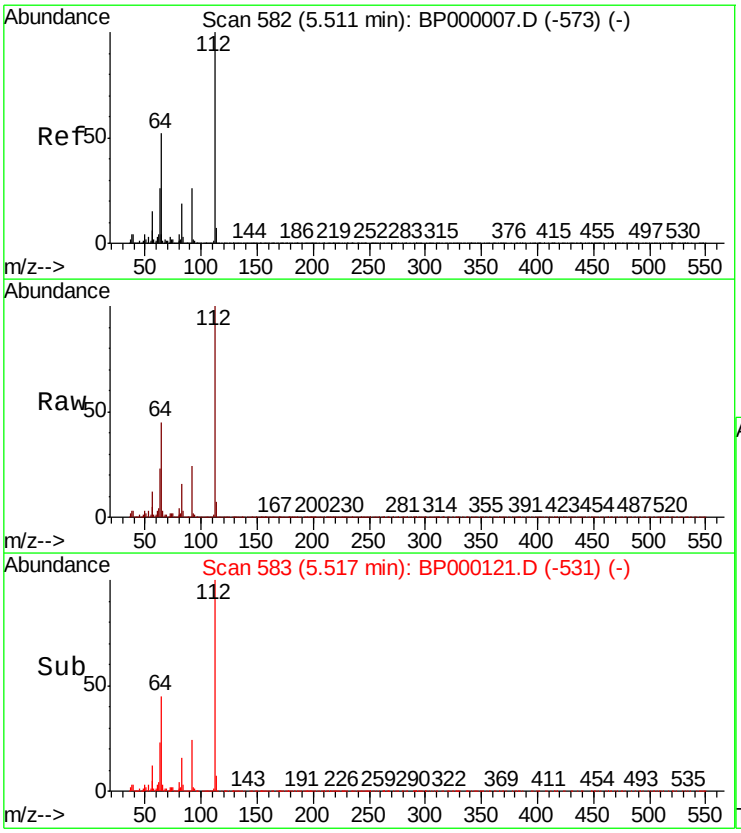
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 442735

Ion	Ratio	Lower	Upper
152	100		
150	151.4	123.0	184.6
115	59.0	46.7	70.1

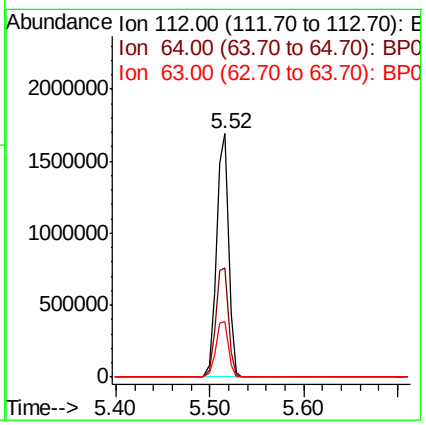


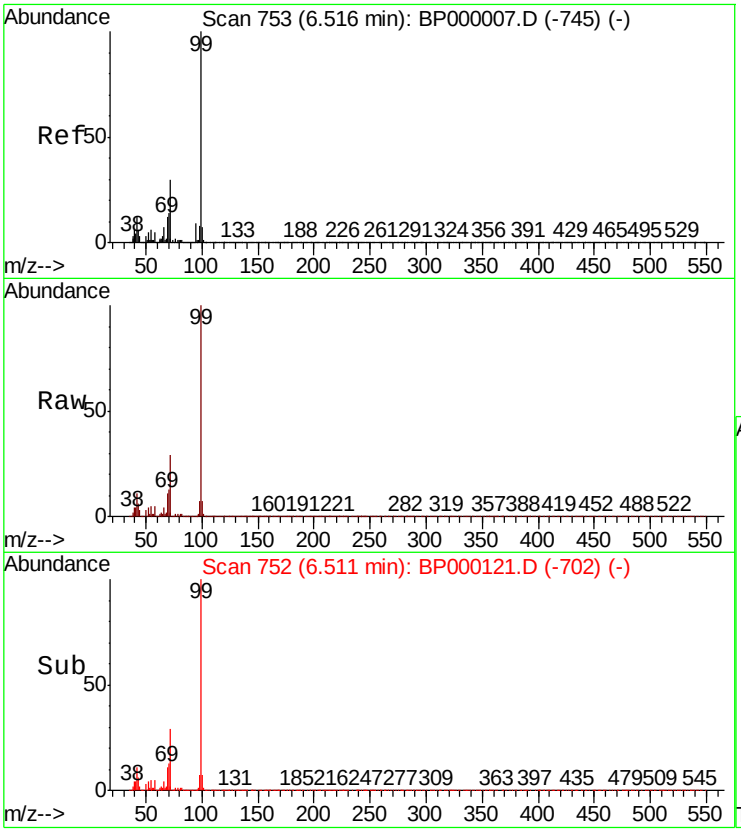


#5
2-Fluorophenol
Concen: 55.155 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Tgt Ion:112 Resp: 1531345

Ion	Ratio	Lower	Upper
112	100		
64	44.7	41.8	62.8
63	22.7	21.0	31.4



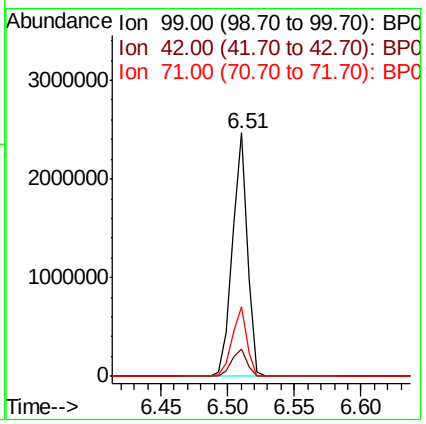


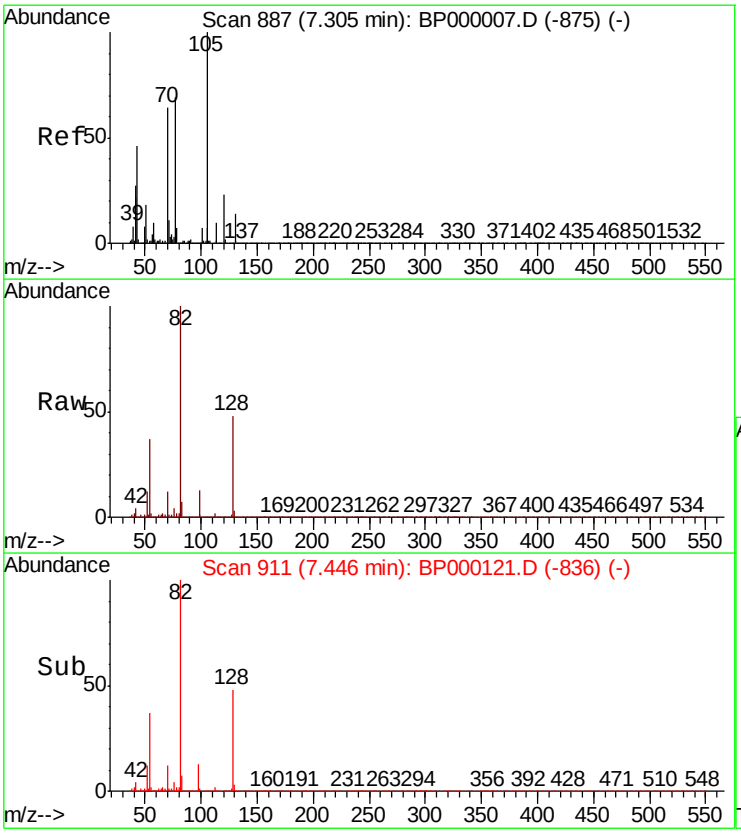
#7
Phenol-d6
Concen: 55.898 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1959215

Ion	Ratio	Lower	Upper
99	100		
42	11.3	9.8	14.8
71	28.5	23.8	35.8

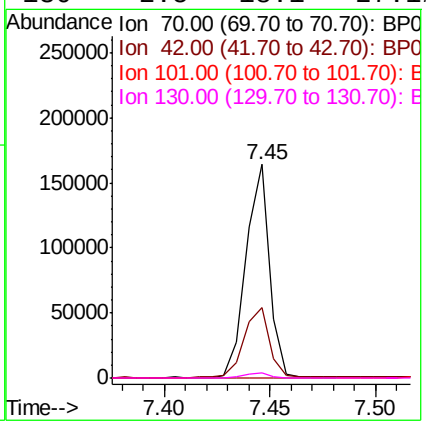


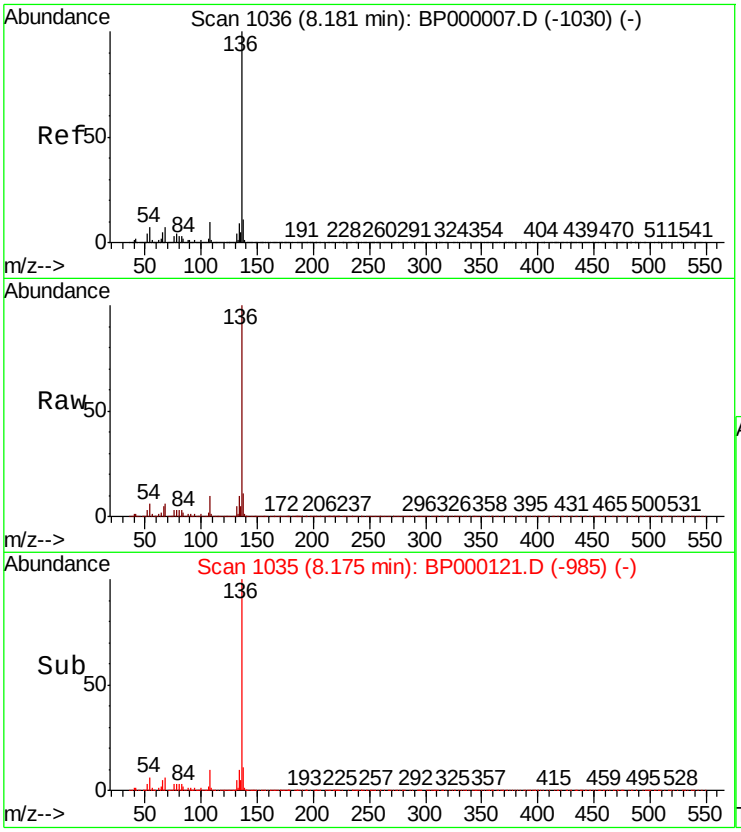


#19
n-Nitroso-di-n-propylamine
Concen: 6.365 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Tgt Ion: 70 Resp: 126964

Ion	Ratio	Lower	Upper
70	100		
42	33.2	33.8	50.6#
101	0.0	8.7	13.1#
130	2.5	18.1	27.1#



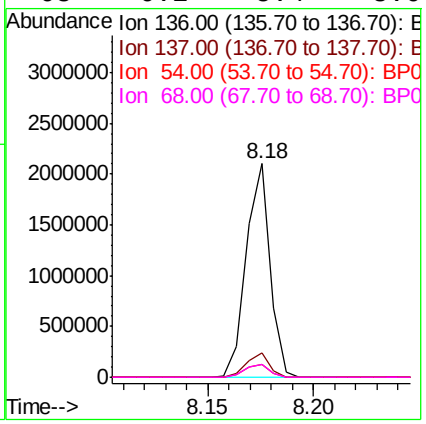


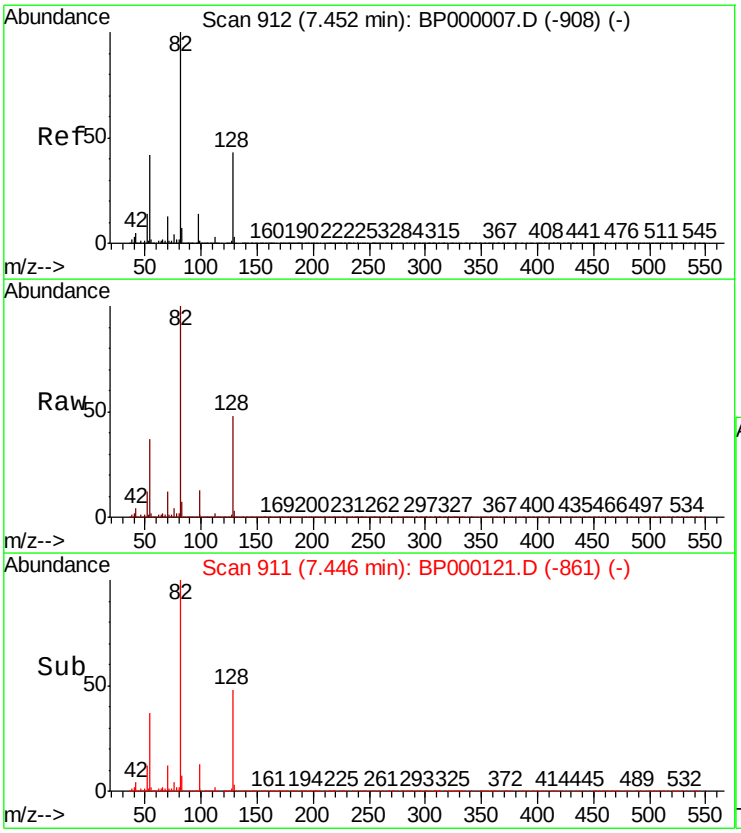
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 1644147

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.2	5.4	8.2
68	6.2	5.4	8.0

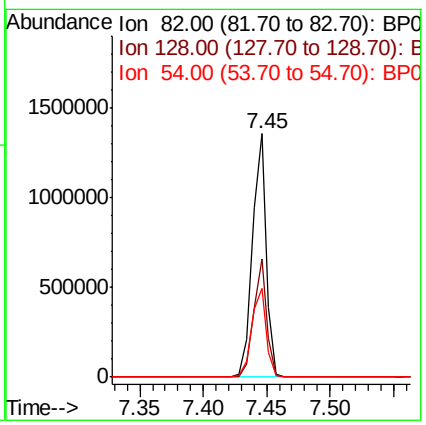


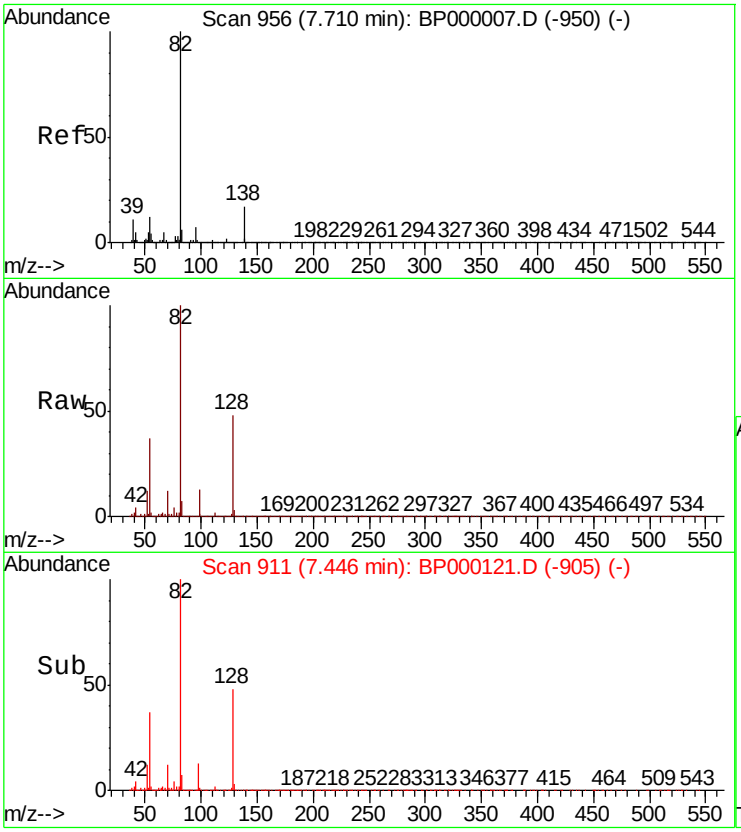


#23
Nitrobenzene-d5
Concen: 38.718 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Tgt Ion: 82 Resp: 1037464

Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.5	51.7
54	36.6	33.2	49.8



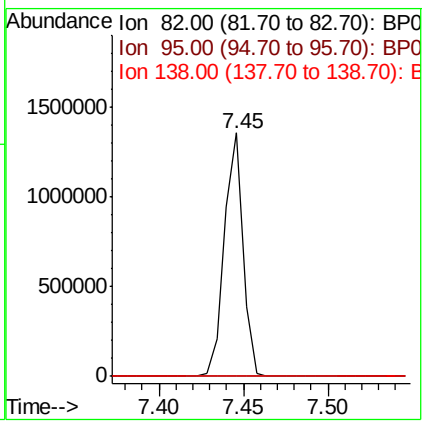


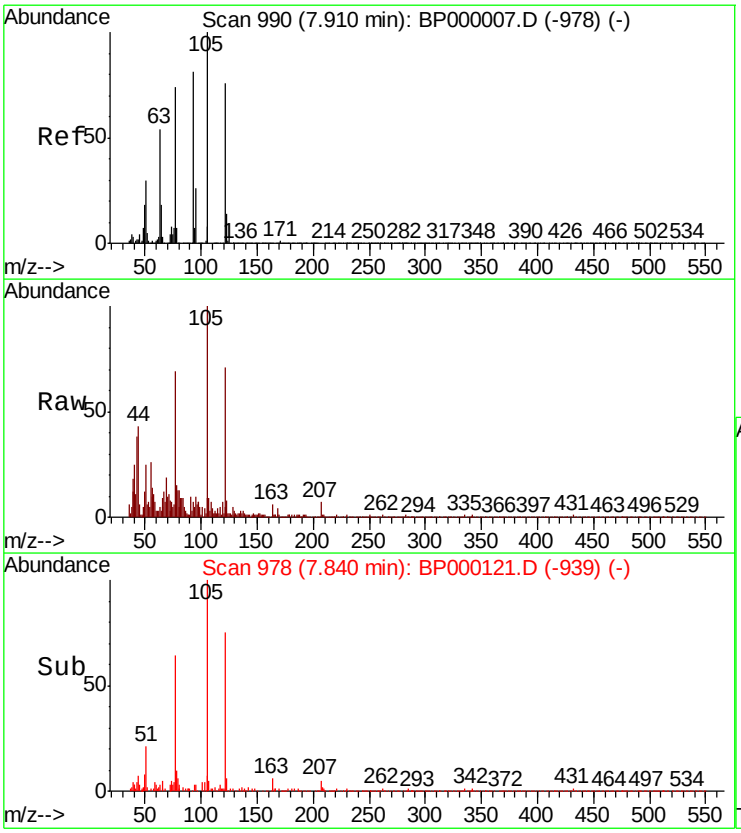
#25
Isophorone
Concen: 18.305 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1036377

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

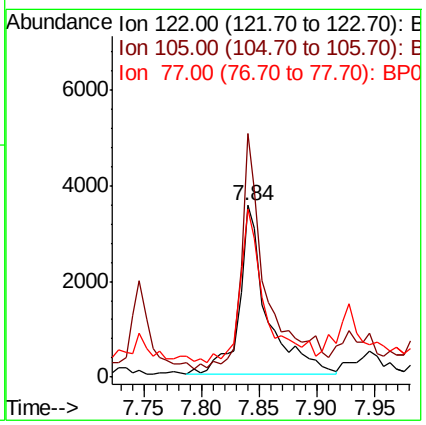


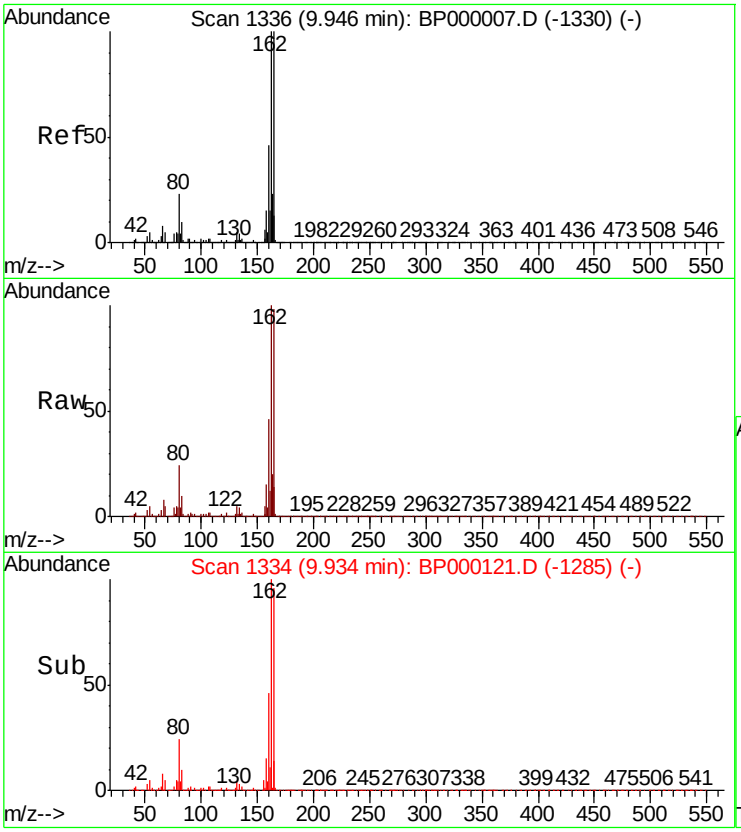


#32
Benzoic acid
Concen: 8.382 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.07 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Tgt Ion:122 Resp: 5879

Ion	Ratio	Lower	Upper
122	100		
105	141.8	104.6	144.6
77	98.1	74.1	114.1



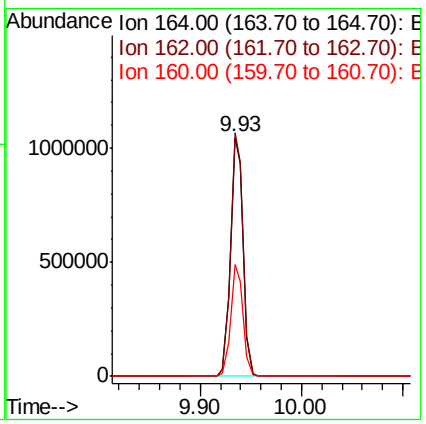


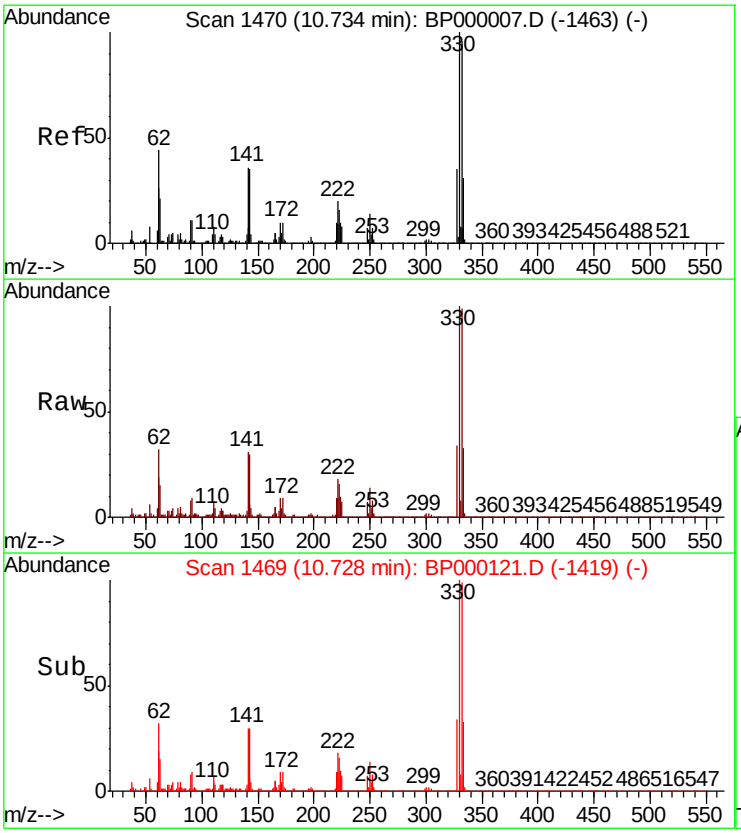
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 899539

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.2	120.4
160	46.6	36.6	55.0

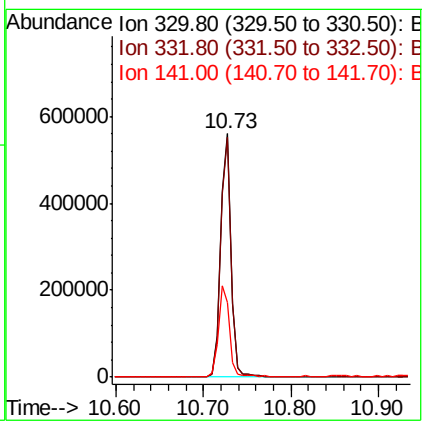


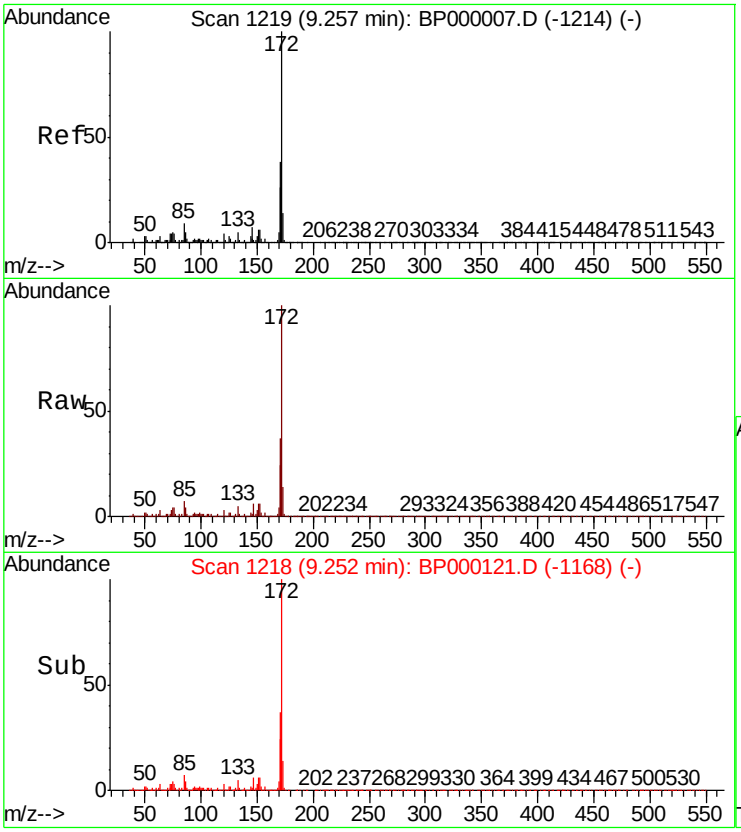


#42
2,4,6-Tribromophenol
Concen: 61.453 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Tgt Ion:330 Resp: 465948

Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.8	115.2
141	38.7	33.6	50.4



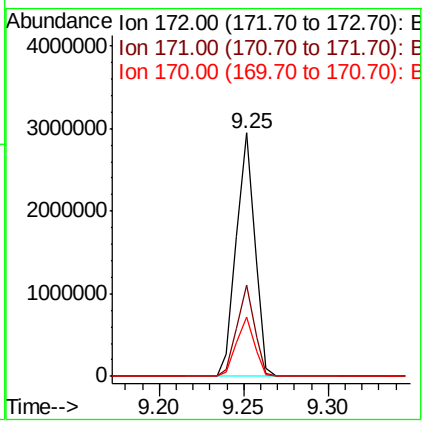


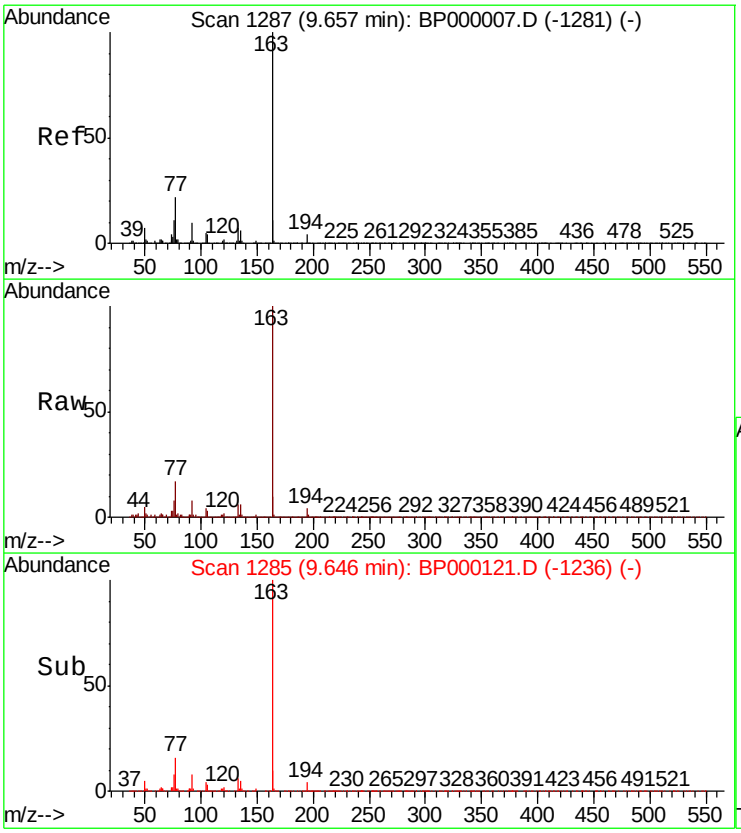
#45
2-Fluorobiphenyl
Concen: 41.890 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 2256371

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.7	46.1
170	24.2	20.7	31.1

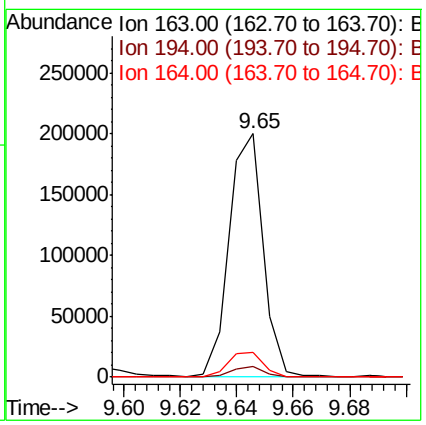


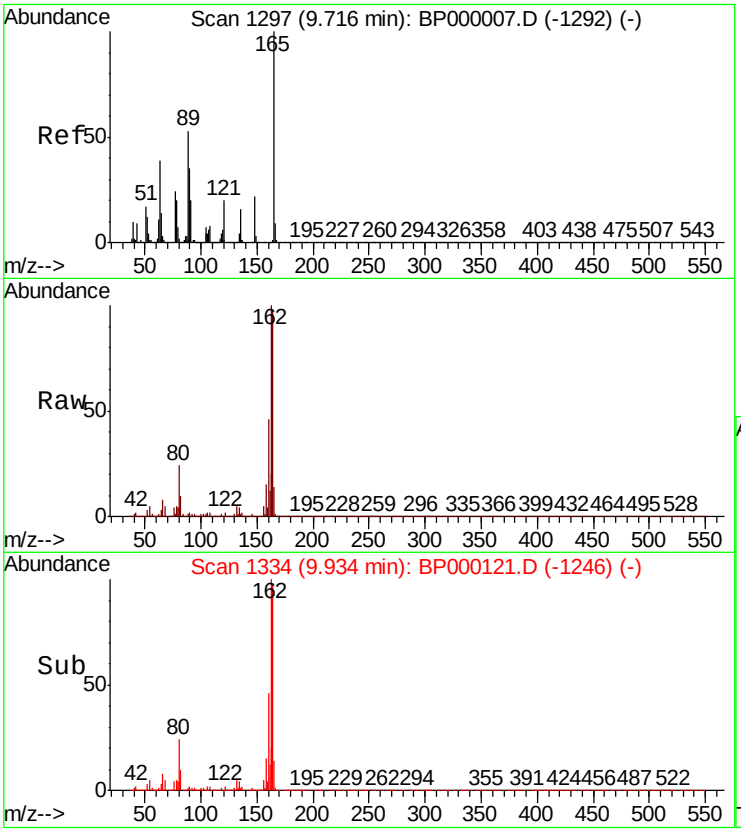


#50
Dimethylphthalate
Concen: 2.696 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Tgt Ion:163 Resp: 165284

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.3	4.9
164	9.9	8.4	12.6



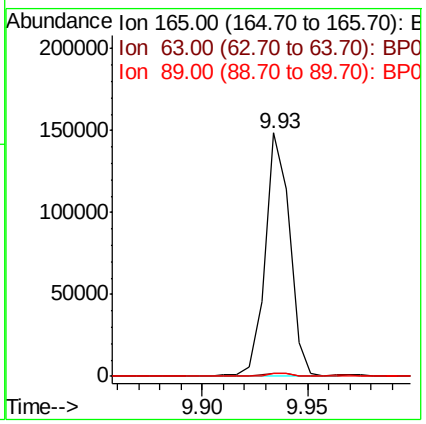


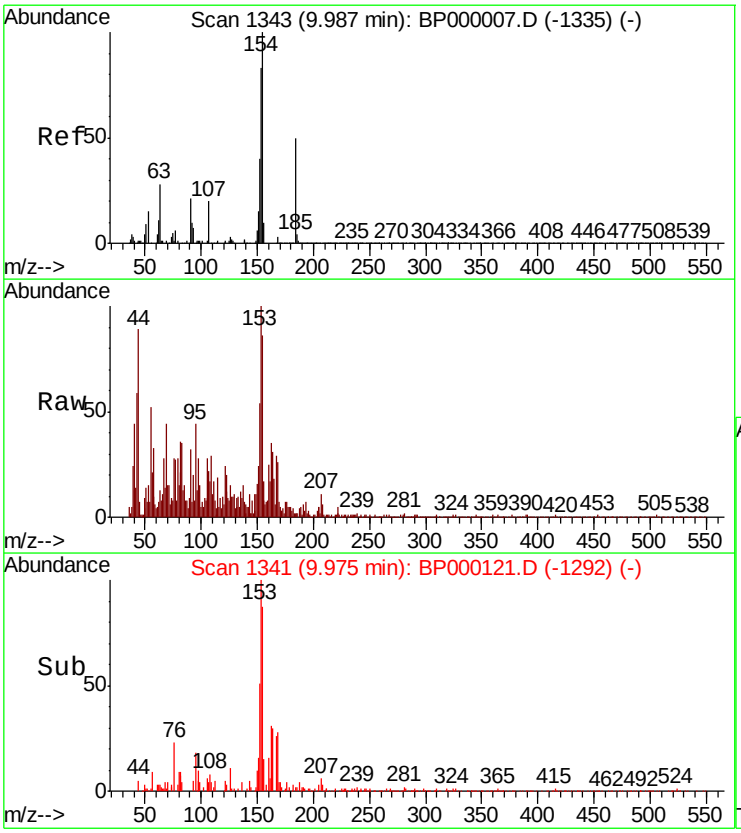
#51
2,6-Dinitrotoluene
Concen: 9.090 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 118269

Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.8	53.6#
89	1.2	42.2	63.4#

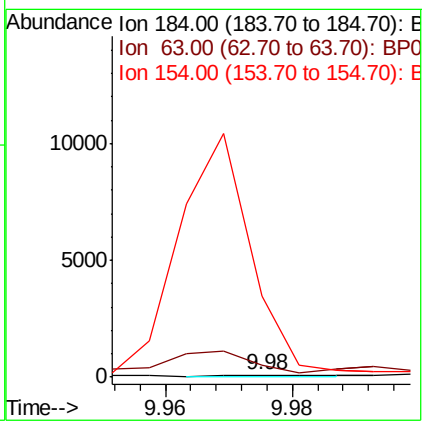


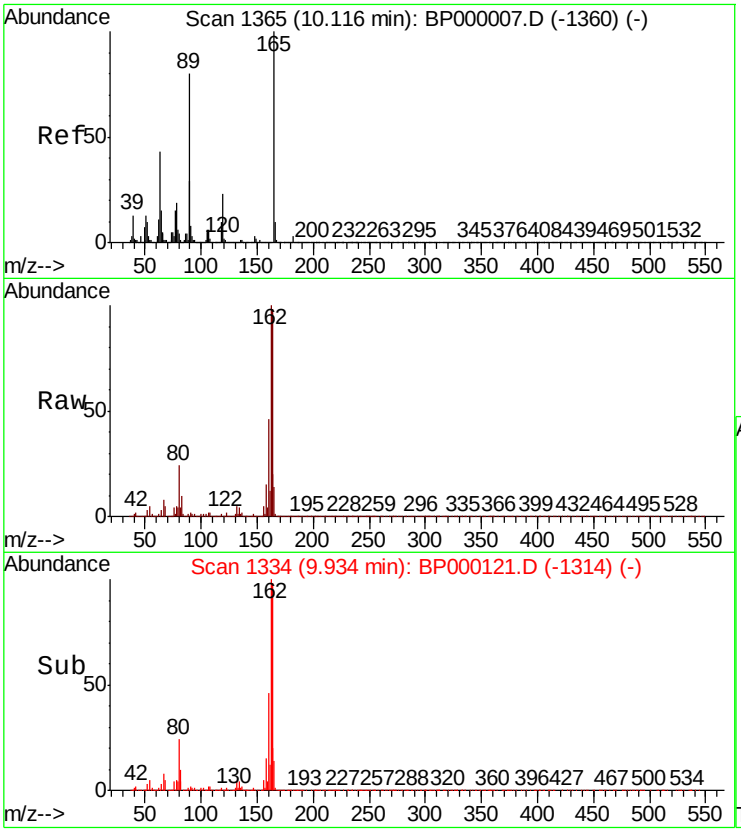


#54
2,4-Dinitrophenol
Concen: 8.661 ng
RT: 9.98 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Tgt Ion:184 Resp: 70

Ion	Ratio	Lower	Upper
184	100		
63	560.9	46.0	69.0#
154	3790.2	161.9	242.9#



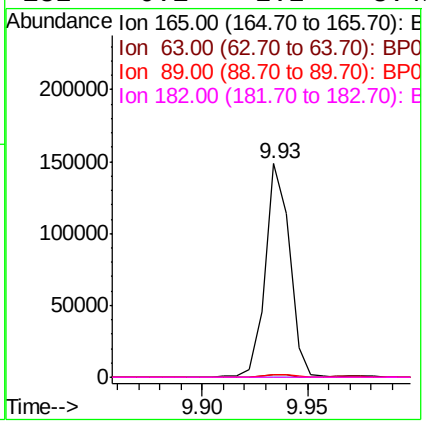


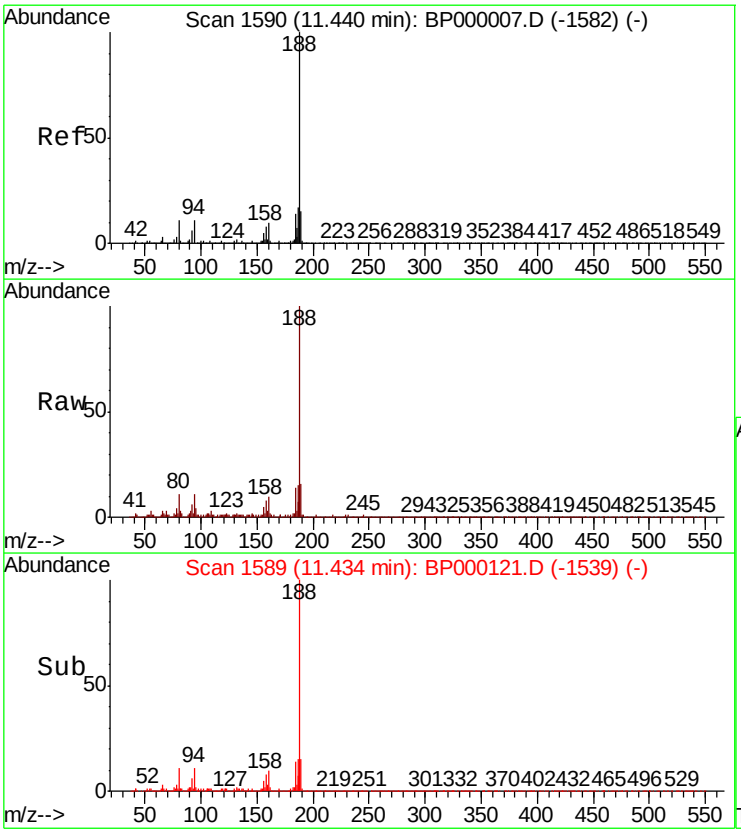
#57
2,4-Dinitrotoluene
Concen: 7.120 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 118269

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#

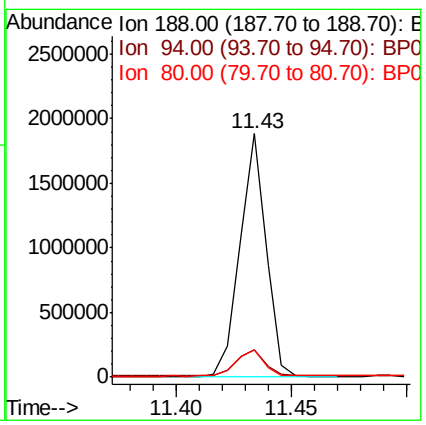


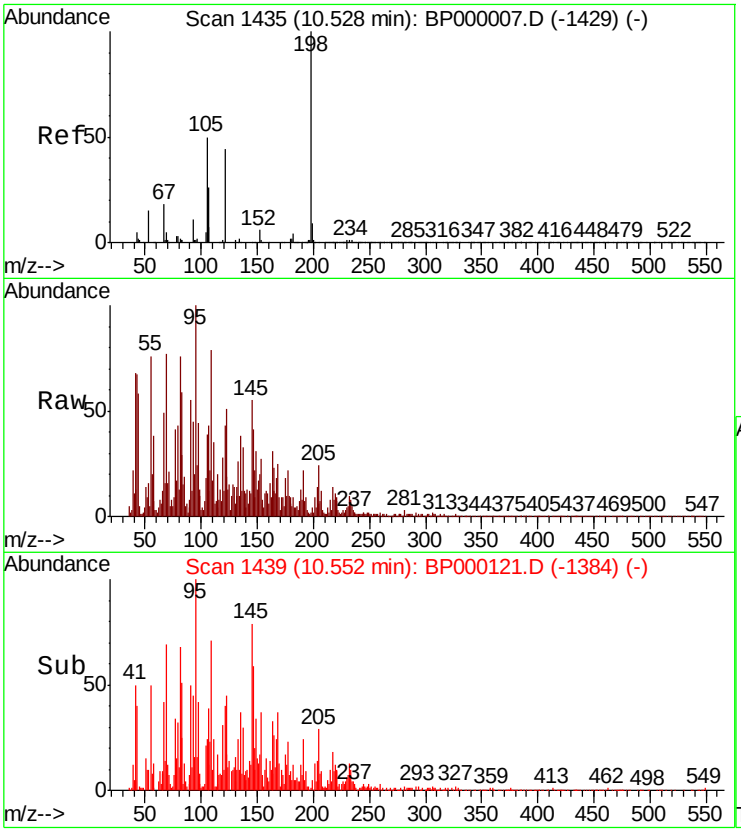


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Tgt Ion:188 Resp: 1489563

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.8	13.2
80	11.4	9.0	13.6



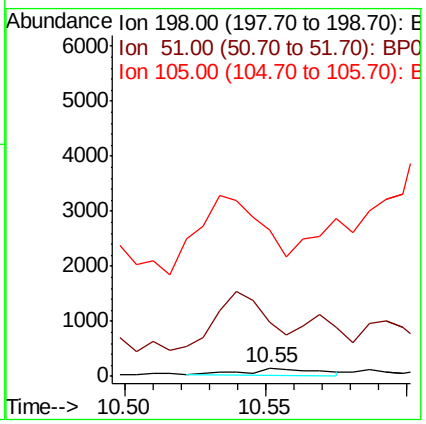


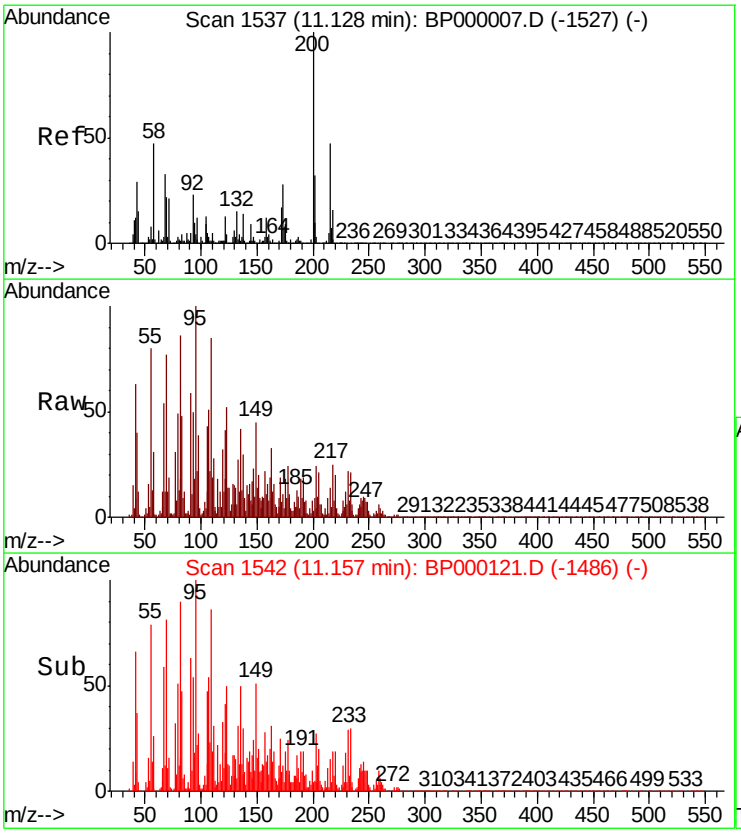
#65
4,6-Dinitro-2-methylphenol
Concen: 7.756 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.02 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:198 Resp: 215

Ion	Ratio	Lower	Upper
198	100		
51	650.7	22.1	62.1#
105	1748.0	32.0	72.0#

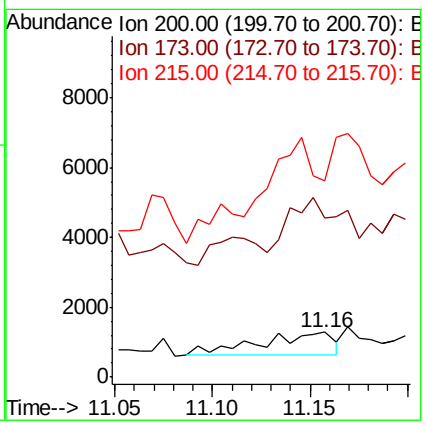


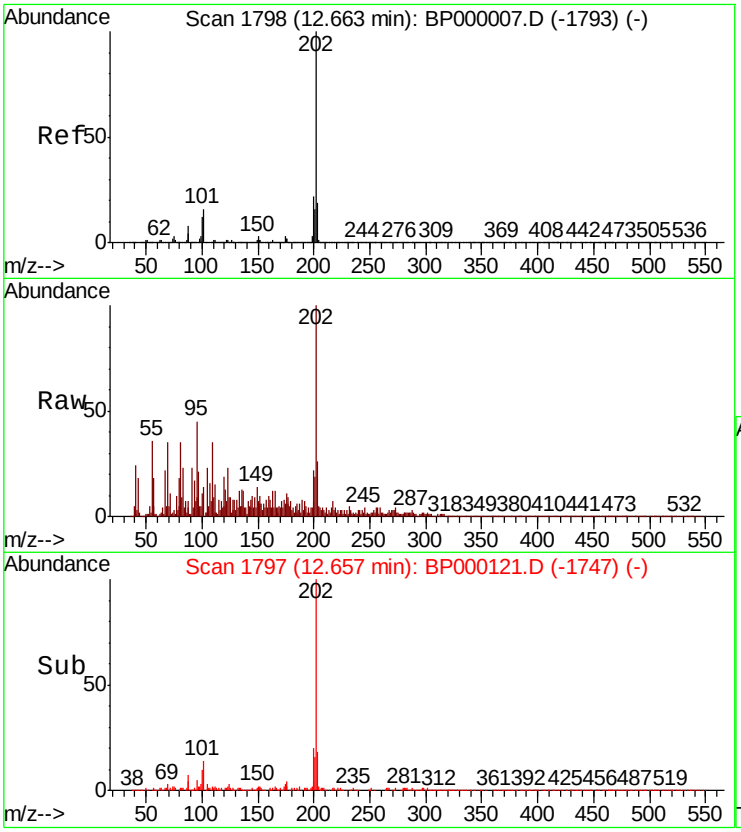


#69
Atrazine
Concen: Below Cal
RT: 11.16 min Scan# 1542
Delta R.T. 0.03 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Tgt Ion:200 Resp: 1743

Ion	Ratio	Lower	Upper
200	100		
173	354.8	8.1	48.1#
215	439.2	26.7	66.7#



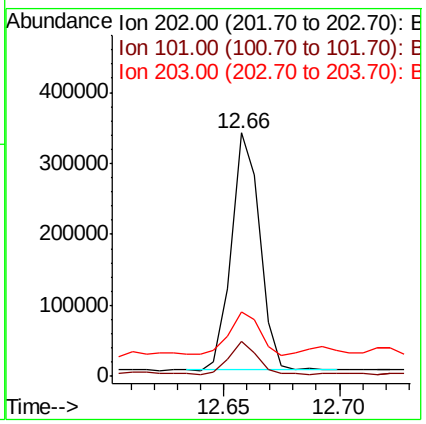


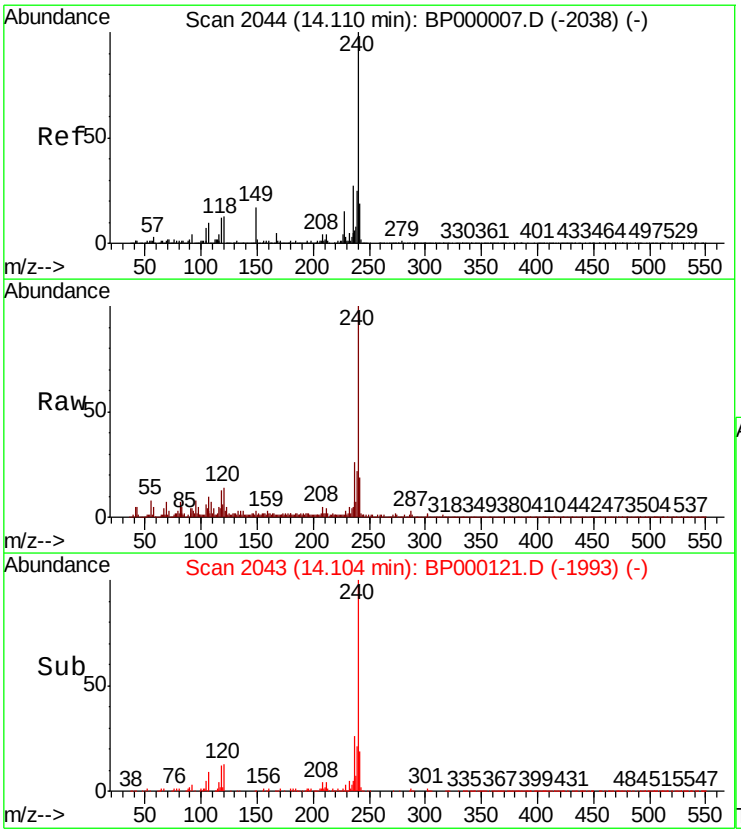
#75
Fluoranthene
Concen: 3.535 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 285236

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	36.4
203	26.5	0.0	38.7

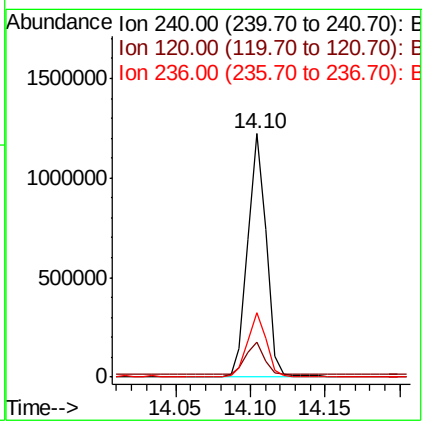


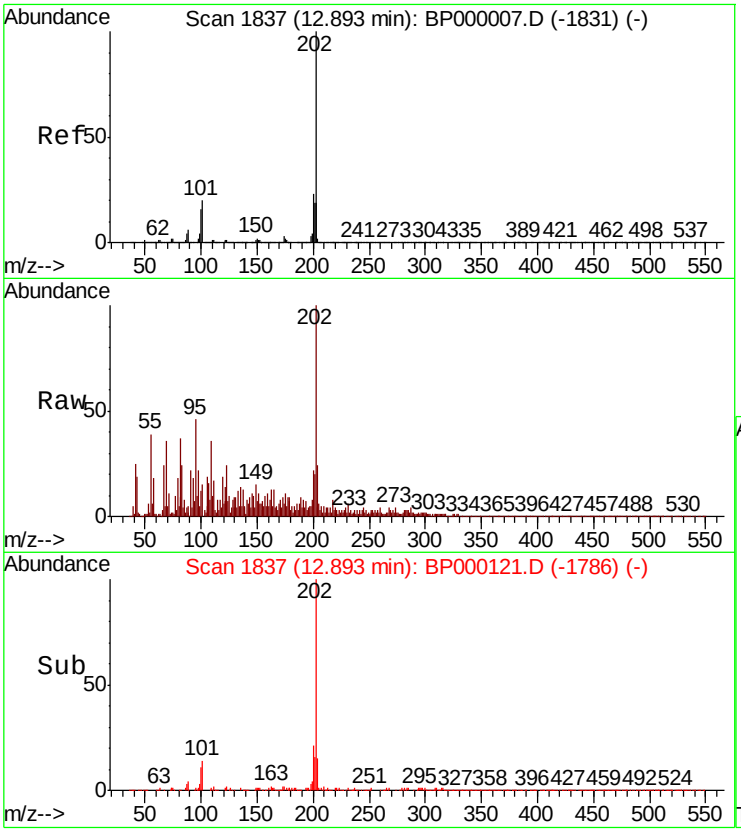


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Tgt Ion:240 Resp: 1031459

Ion	Ratio	Lower	Upper
240	100		
120	14.2	10.5	15.7
236	26.5	21.5	32.3



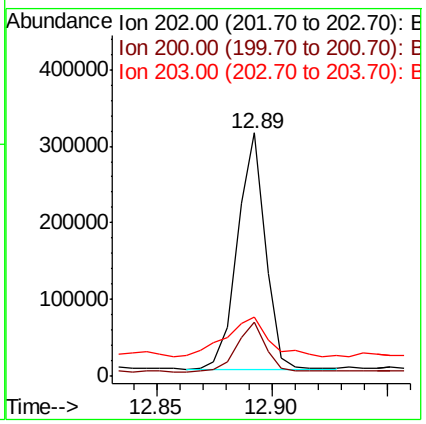


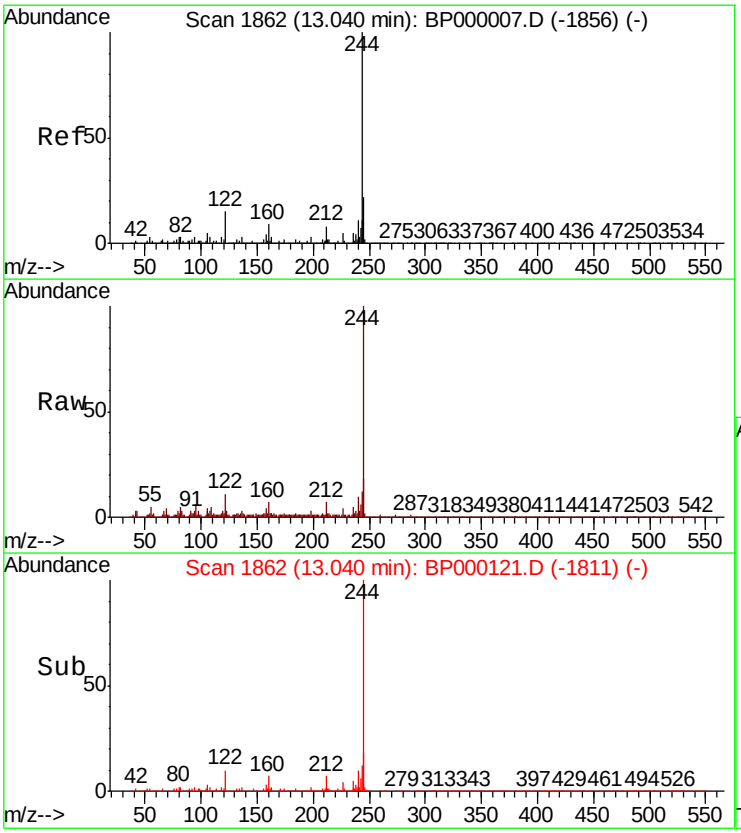
#78
Pyrene
Concen: 3.432 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 260398

Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.5	27.7
203	24.3	15.1	22.7#

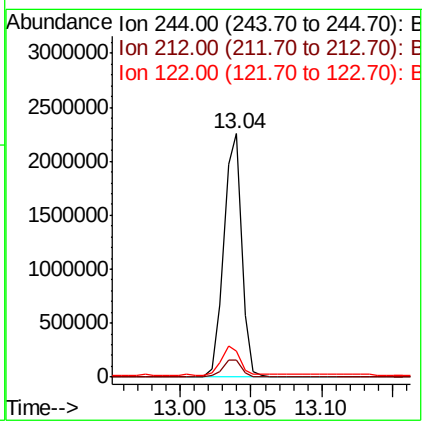


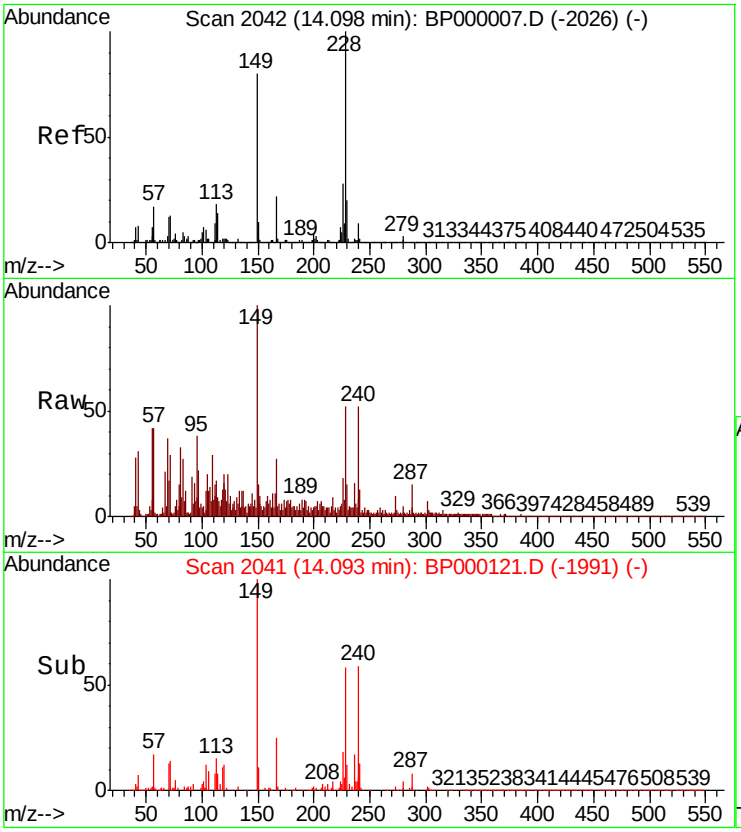


#79
Terphenyl-d14
Concen: 41.634 ng
RT: 13.04 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Tgt Ion:244 Resp: 1970272

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.6	10.0
122	10.7	12.3	18.5#



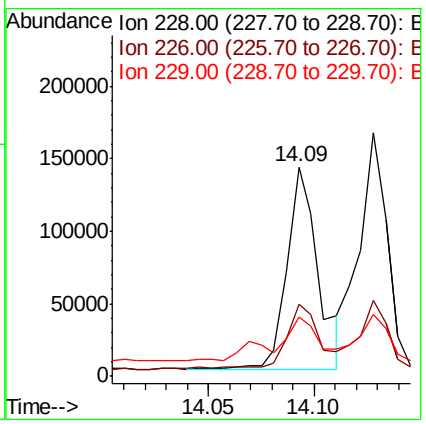


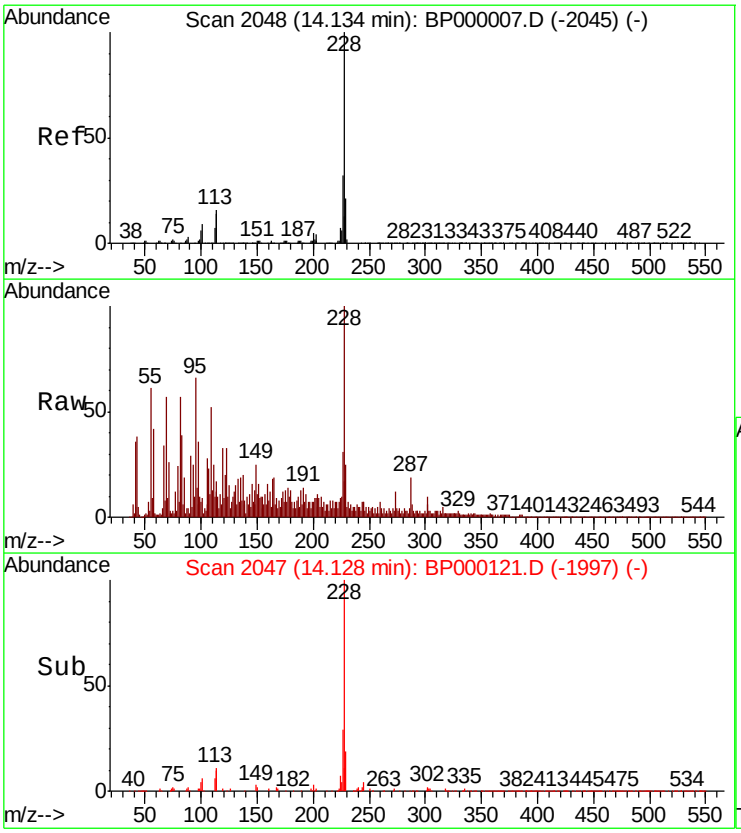
#81
Benzo(a)anthracene
Concen: 2.143 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 143262

Ion	Ratio	Lower	Upper
228	100		
226	34.4	22.5	33.7#
229	28.5	16.2	24.2#

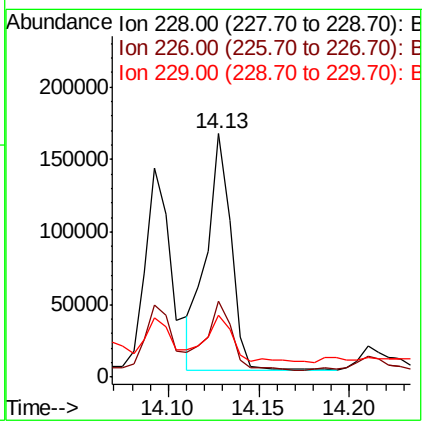


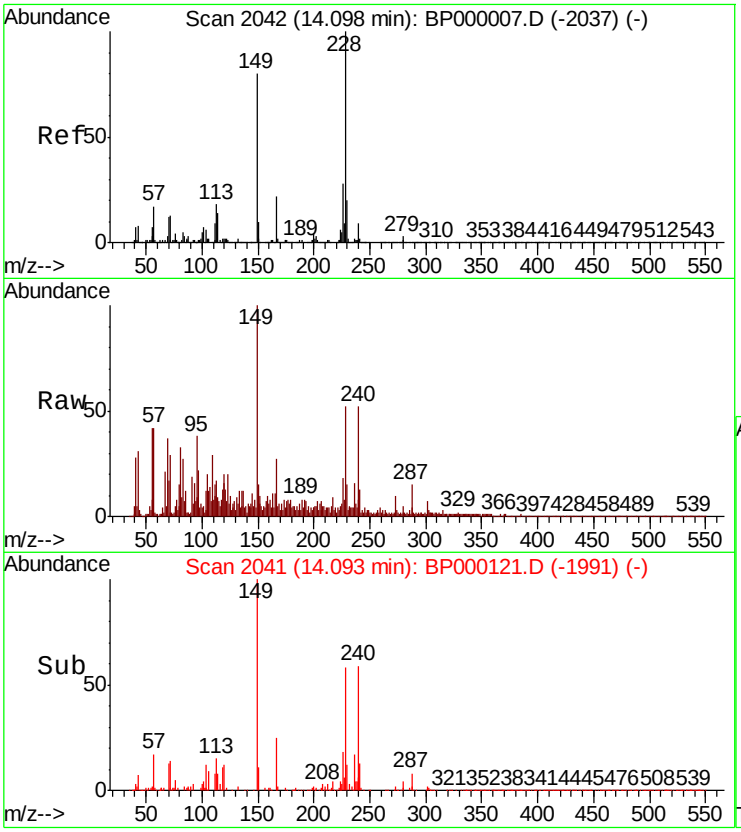


#83
Chrysene
Concen: 2.435 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Tgt Ion:228 Resp: 153939

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.5	38.3
229	25.2	16.5	24.7#



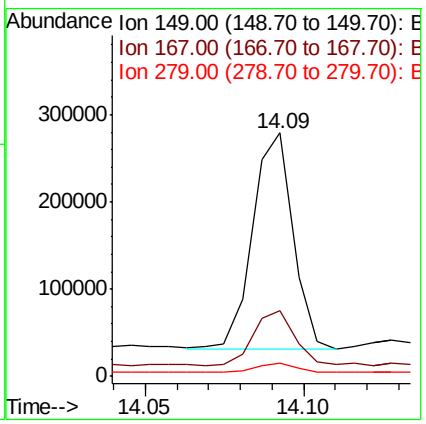


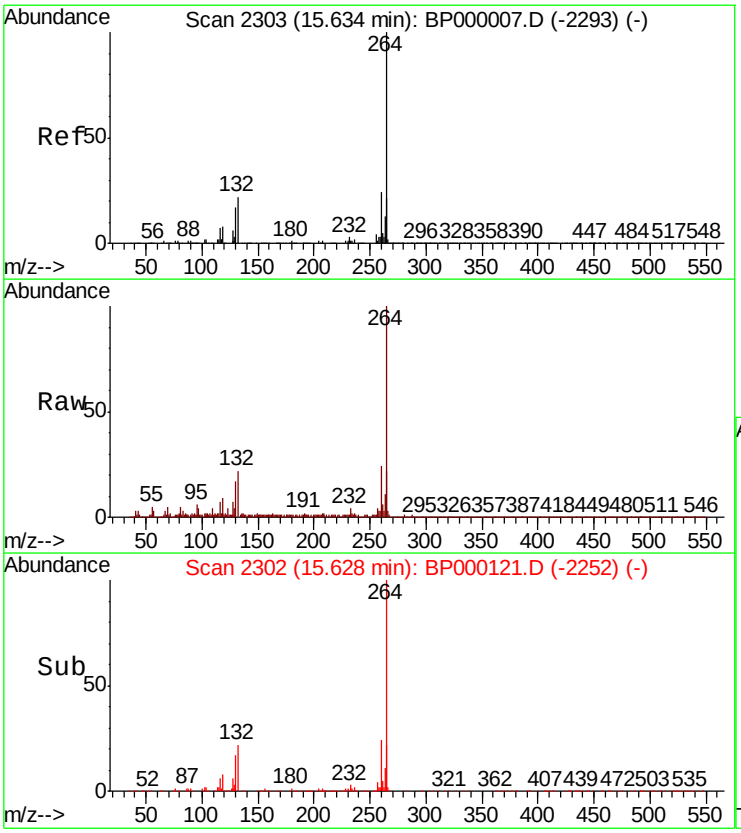
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.988 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 219467

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.4	33.6
279	5.3	3.1	4.7#

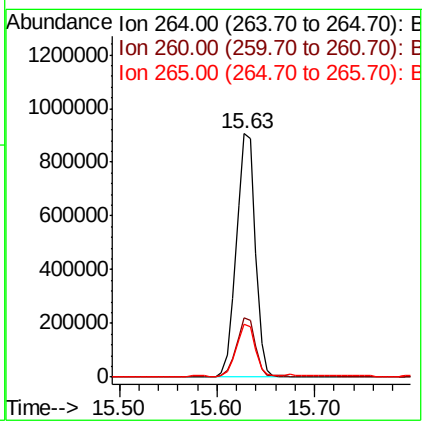


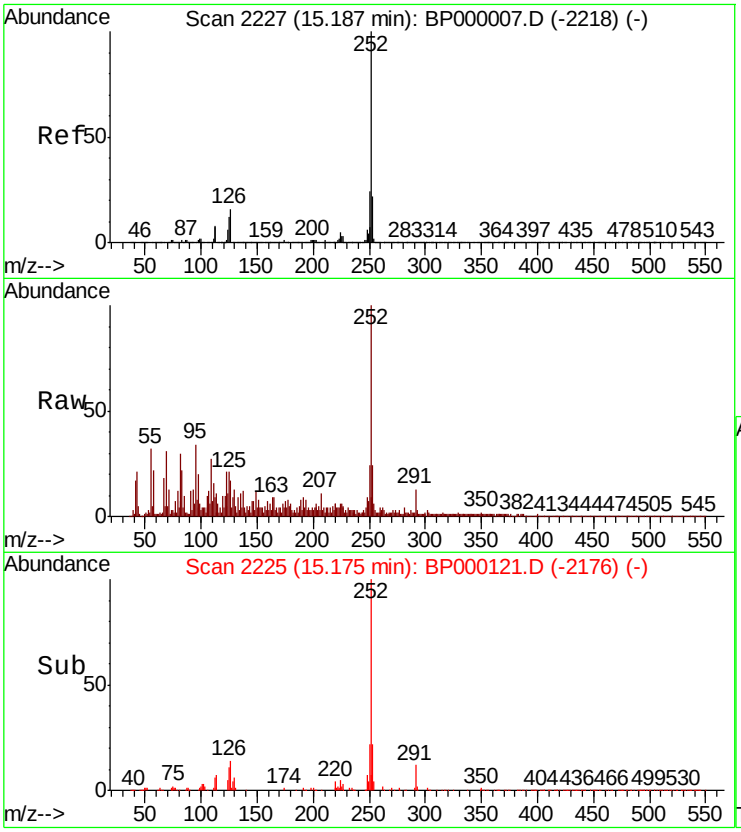


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Tgt Ion:264 Resp: 1215477

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.1	28.7
265	22.0	17.1	25.7



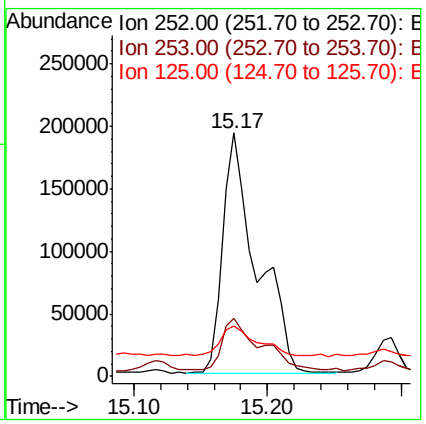


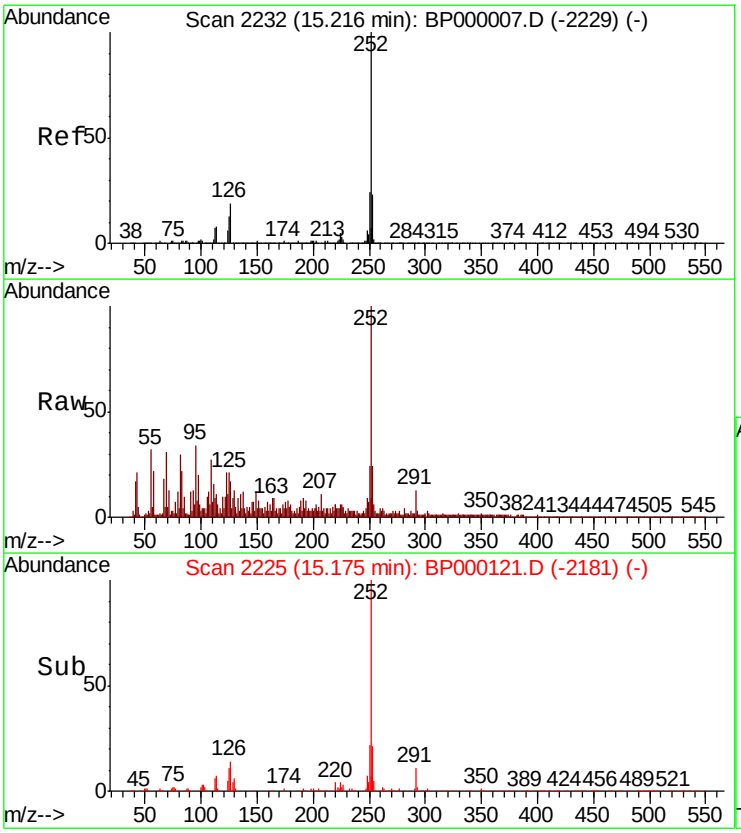
#88
Benzo(b)fluoranthene
Concen: 4.639 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 344398

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	20.7	9.4	14.2#

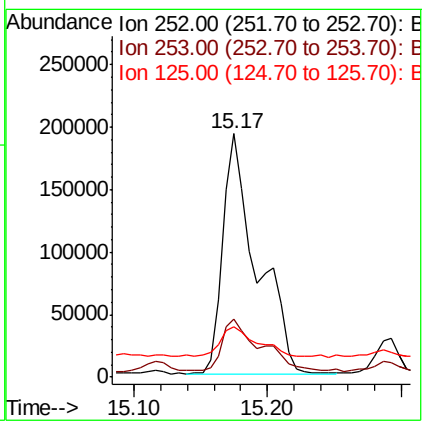


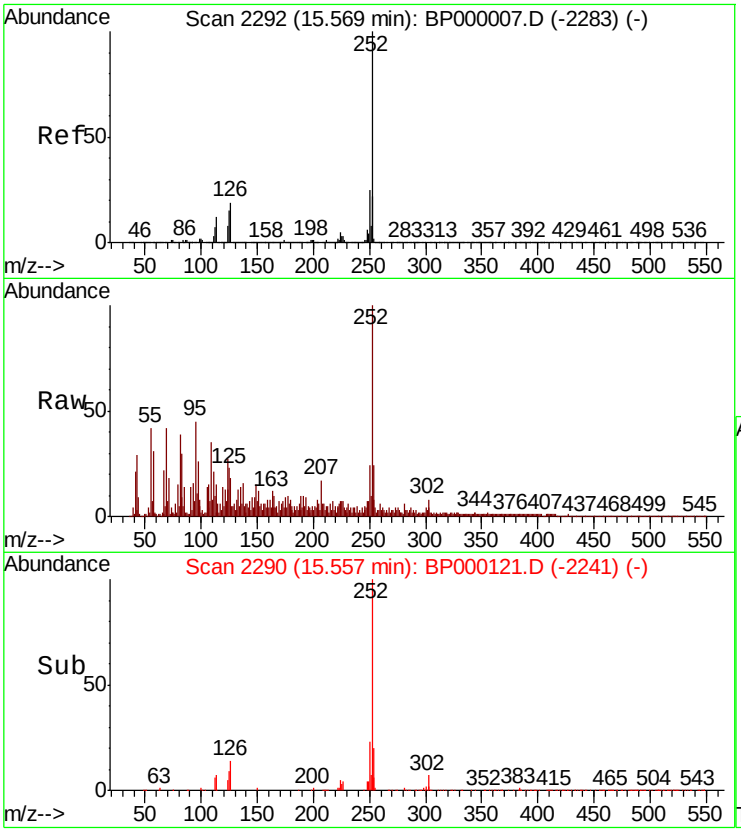


#89
Benzo(k)fluoranthene
Concen: 5.069 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.04 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Tgt Ion:252 Resp: 344398

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	20.7	10.3	15.5#



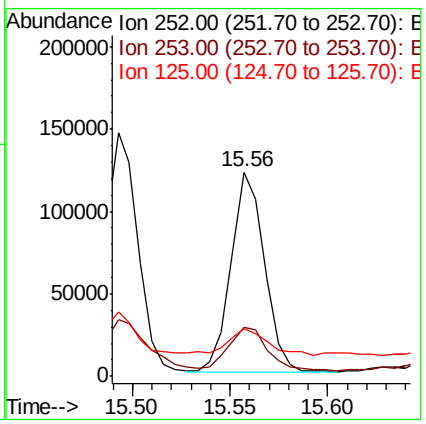


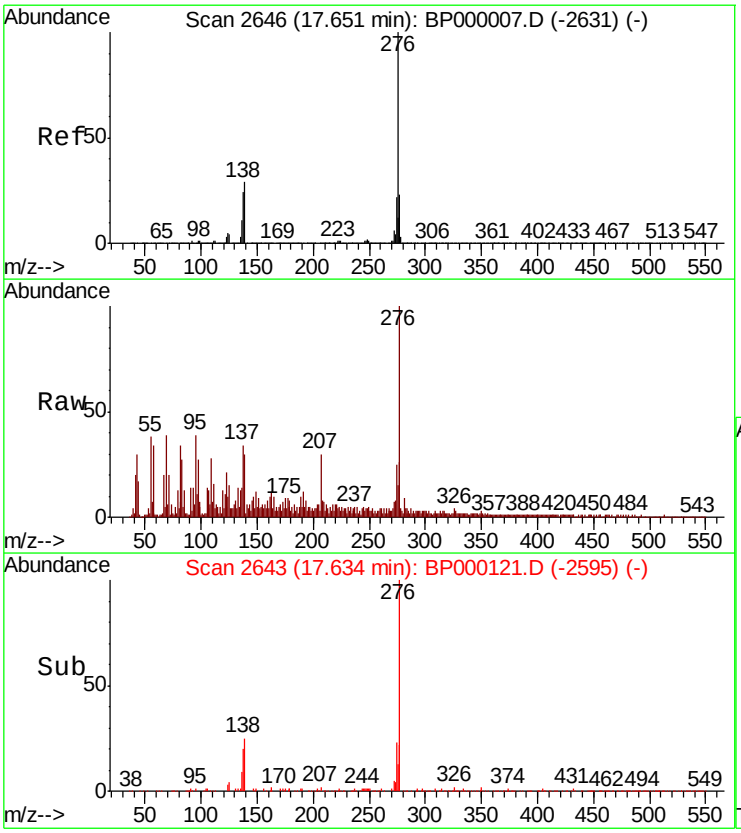
#90
Benzo(a)pyrene
Concen: 2.148 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 143960

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	23.5	11.7	17.5#





#92
Benzo(g,h,i)perylene
Concen: 2.108 ng
RT: 17.63 min Scan# 2643
Delta R.T. -0.02 min
Lab File: BP000121.D
Acq: 09 Sep 2019 04:24

Tgt Ion:276 Resp: 139822

Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.6	28.0
138	29.7	23.0	34.4