Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000257.D
Acq On : 16 Sep 2019 23:37
Operator : HP/JU
Sample : K4873-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 17 06:13:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 18:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	347664	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	1229334	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	648388	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1126207	20.00	ng		0.00
76) Chrysene-d12	13.99	240	902364	20.00	ng		-0.01
87) Perylene-d12	15.47	264	838402	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1005539	49.93	ng		0.00
7) Phenol-d6	6.42	99	1285353	52.07	ng		0.00
23) Nitrobenzene-d5	7.35	82	667423	35.03	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	332440	51.69	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1554693	43.16	ng		0.00
79) Terphenyl-d14	12.92	244	1636507	38.05	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.33	77	2431	Below Cal		#	86
10) Phenol	6.43	94	62586	2.231	ng		99
19) n-Nitroso-di-n-propylamine	7.35	70	81402	6.237	ng	#	75
25) Isophorone	7.35	82	664848	17.622	ng	#	63
50) Dimethylphthalate	9.54	163	181842	4.116	ng		100
51) 2,6-Dinitrotoluene	9.83	165	84863	8.737	ng	#	30
57) 2,4-Dinitrotoluene	9.83	165	84863	6.683	ng	#	35
69) Atrazine	11.02	200	279	Below Cal		#	1
71) Phenanthrene	11.35	178	197813	3.505	ng		98
75) Fluoranthene	12.55	202	519137	8.566	ng		98
78) Pyrene	12.77	202	512541	7.592	ng		98
81) Benzo(a)anthracene	14.02	228	278876	4.893	ng		94
83) Chrysene	14.02	228	278876	4.983	ng		97
88) Benzo(b)fluoranthene	15.04	252	477370	9.544	ng	#	85
89) Benzo(k)fluoranthene	15.04	252	477370	10.942	ng	#	85
90) Benzo(a)pyrene	15.41	252	244961	5.383	ng	#	88
92) Benzo(g,h,i)perylene	17.40	276	140671	3.225	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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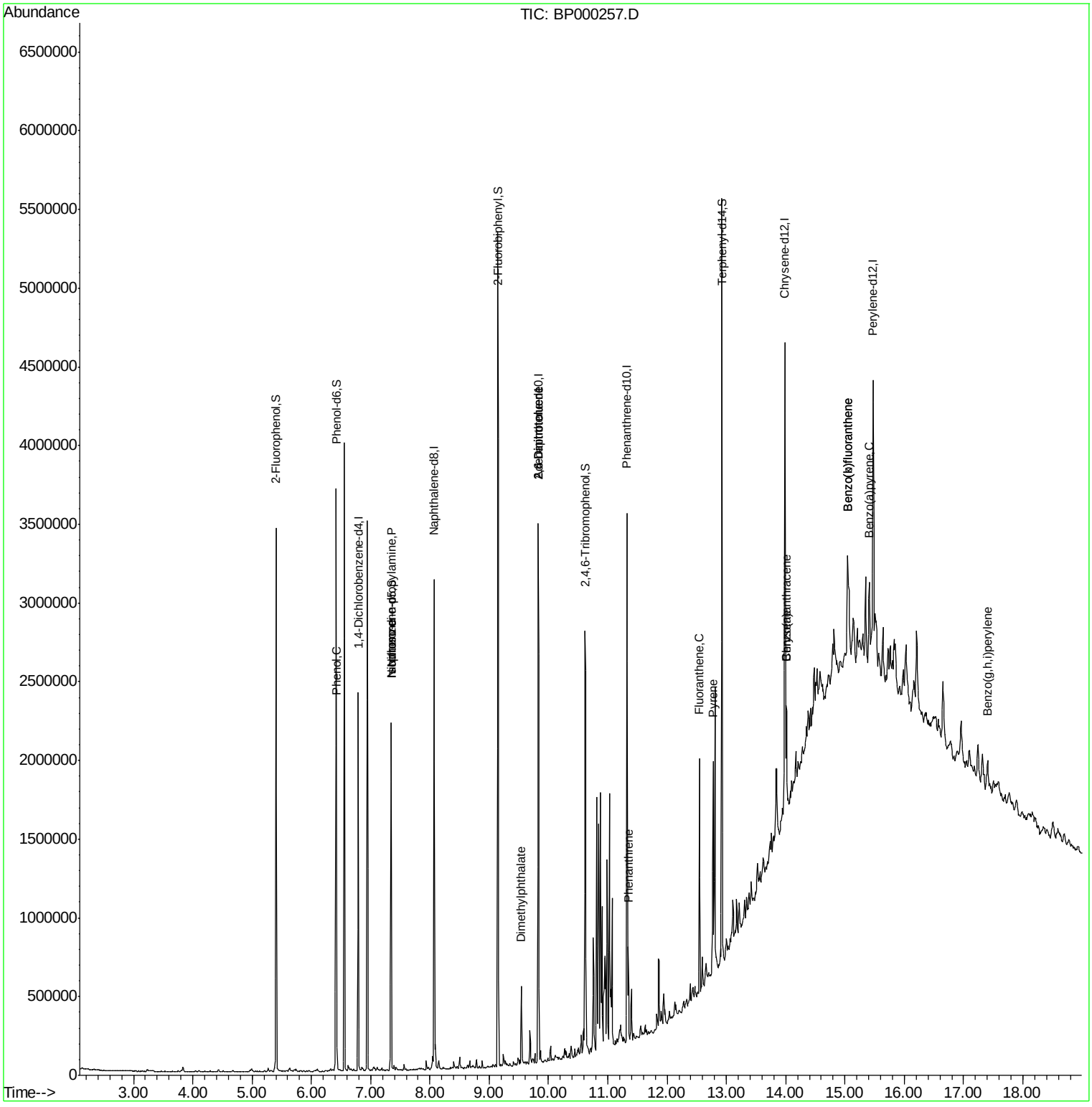
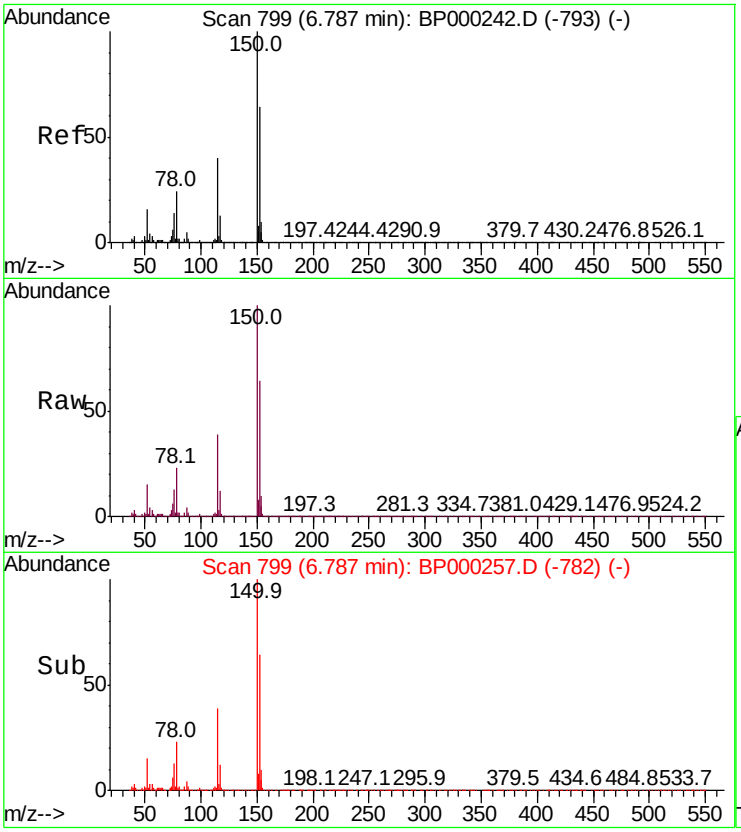


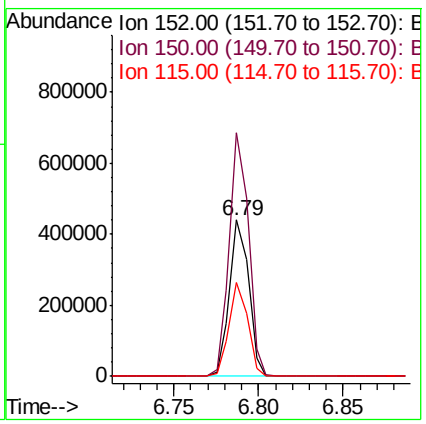


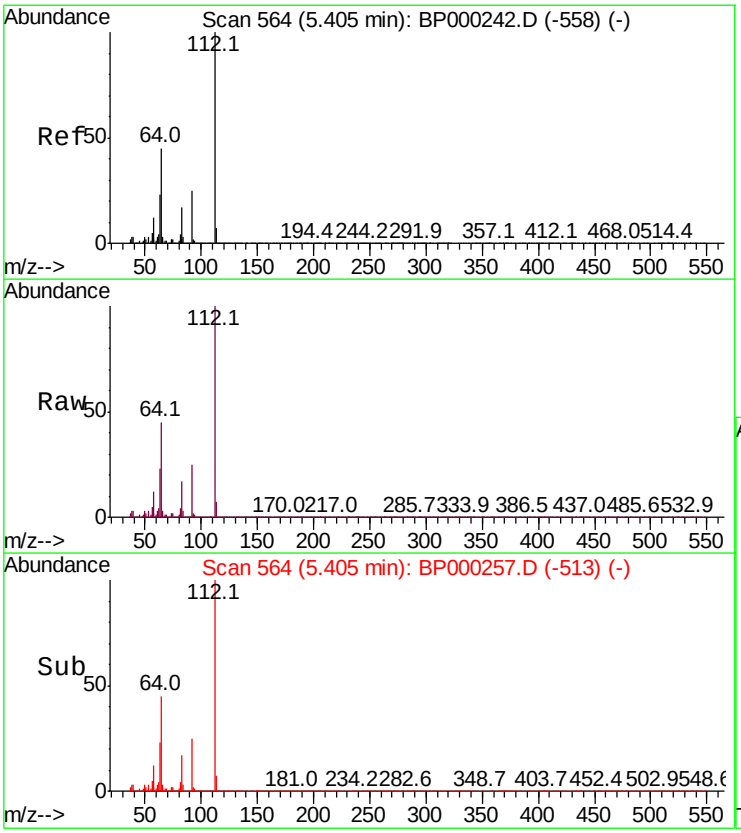
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 347664

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.2	187.8
115	60.3	49.7	74.5

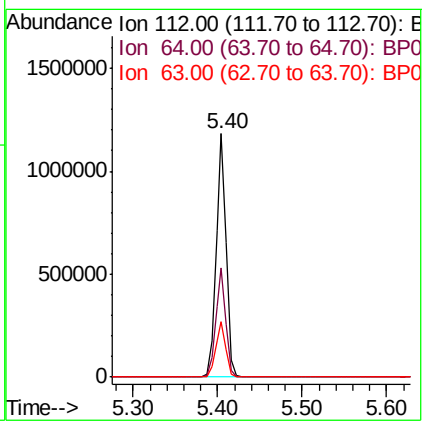


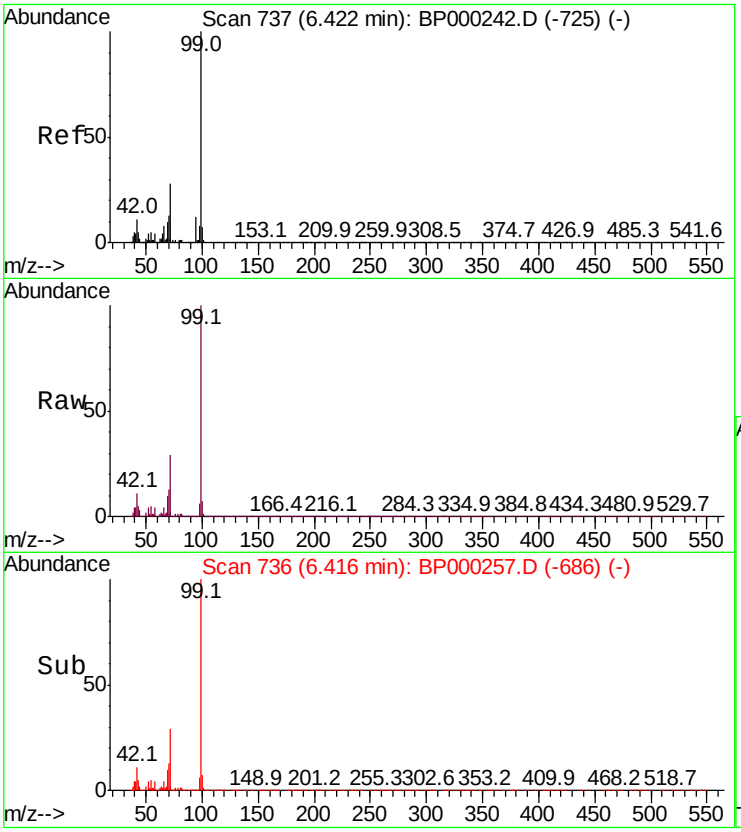


#5
2-Fluorophenol
Concen: 49.931 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion:112 Resp: 1005539

Ion	Ratio	Lower	Upper
112	100		
64	44.7	36.2	54.4
63	22.7	18.3	27.5



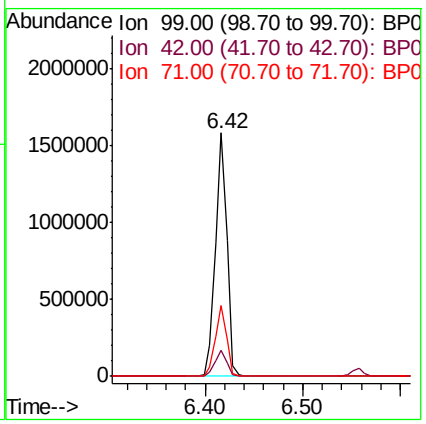


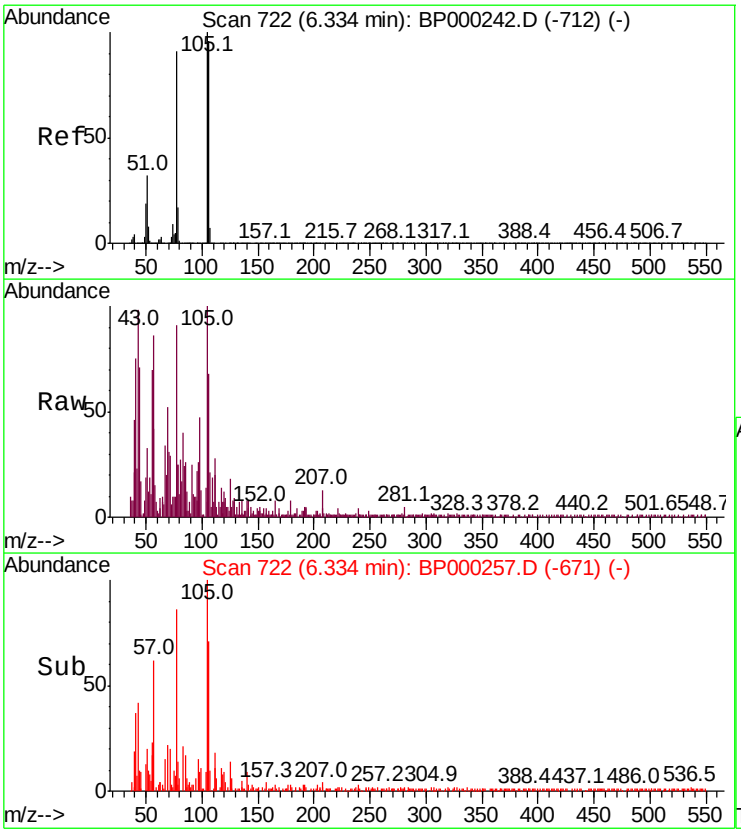
#7
Phenol-d6
Concen: 52.069 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1285353

Ion	Ratio	Lower	Upper
99	100		
42	10.8	8.5	12.7
71	29.1	22.6	34.0

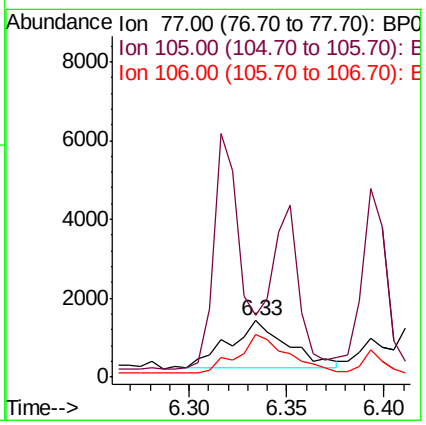


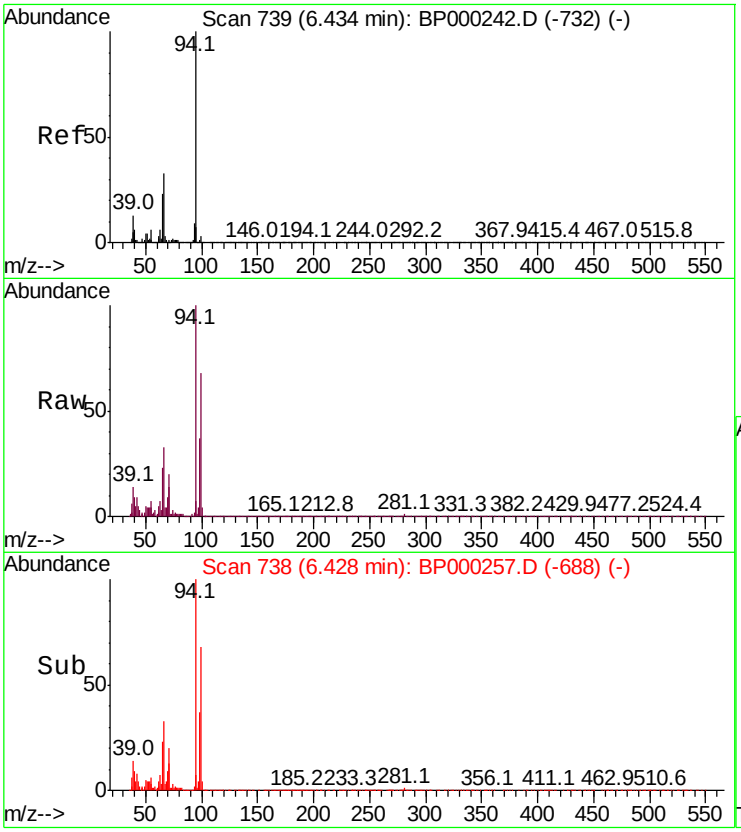


#9
Benzaldehyde
Concen: Below Cal
RT: 6.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion: 77 Resp: 2431

Ion	Ratio	Lower	Upper
77	100		
105	109.6	89.6	129.6
106	75.0	84.6	124.6#



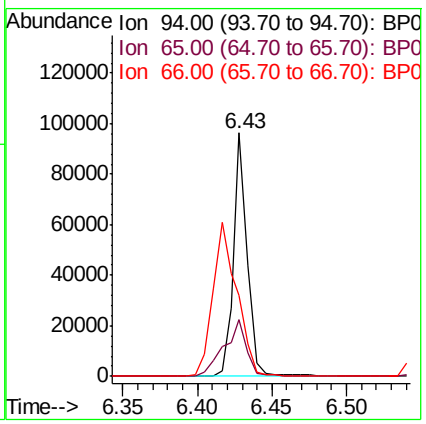


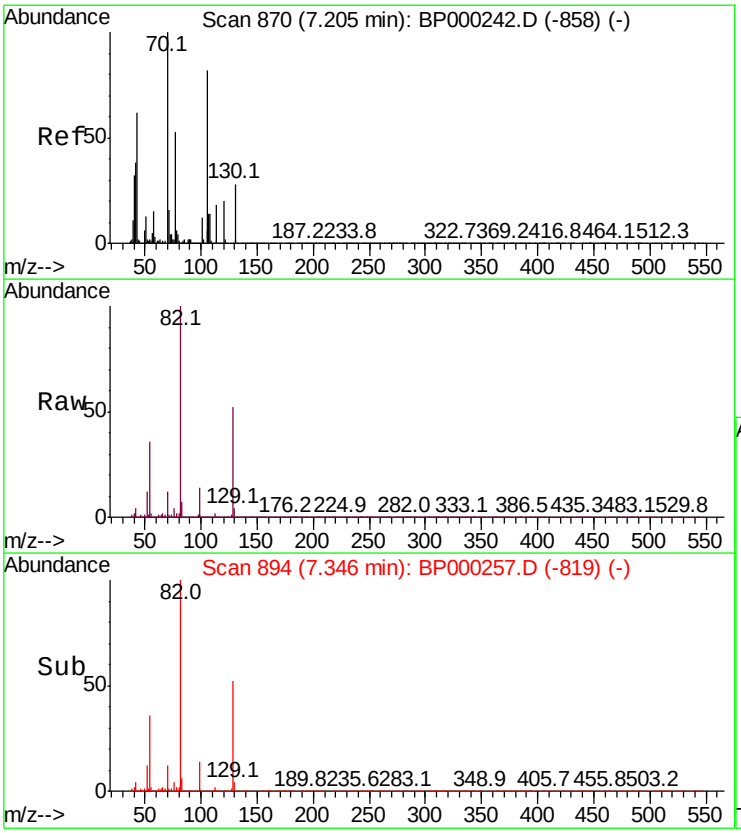
#10
Phenol
Concen: 2.231 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 62586

Ion	Ratio	Lower	Upper
94	100		
65	23.3	3.3	43.3
66	33.3	12.7	52.7

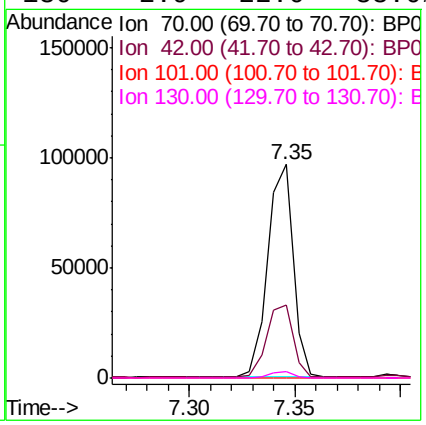


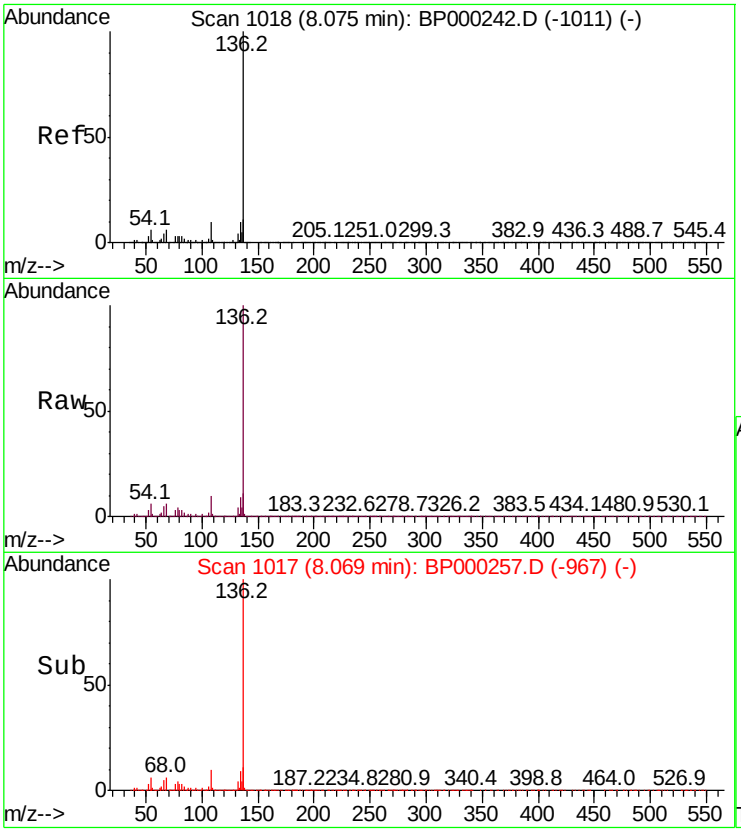


#19
n-Nitroso-di-n-propylamine
Concen: 6.237 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion: 70 Resp: 81402

Ion	Ratio	Lower	Upper
70	100		
42	34.2	30.7	46.1
101	0.1	9.6	14.4#
130	2.9	22.0	33.0#



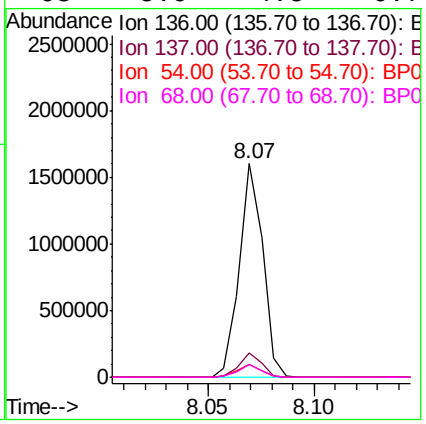


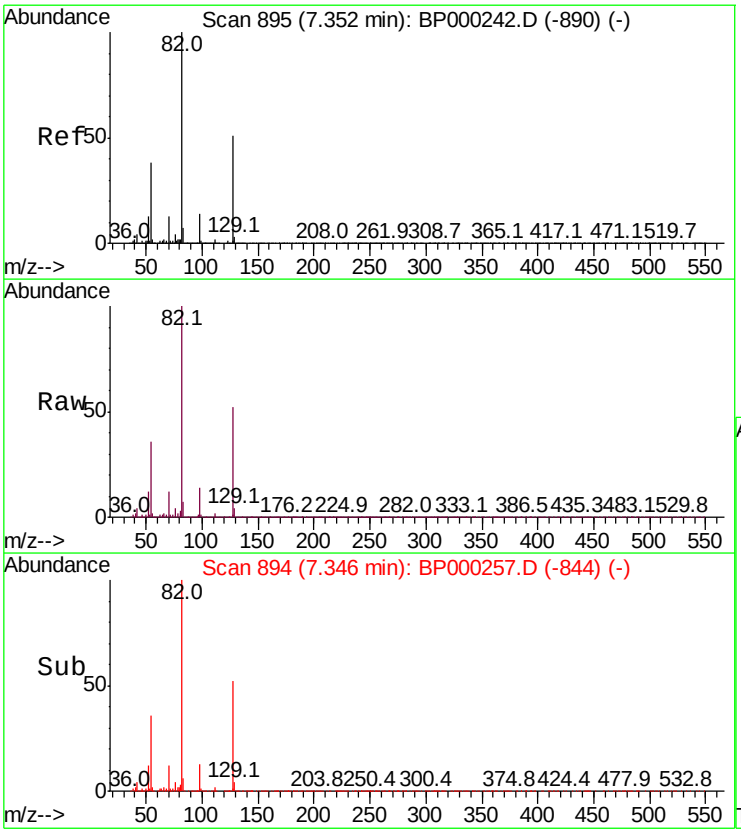
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 1229334

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.8	4.5	6.7
68	5.9	4.5	6.7

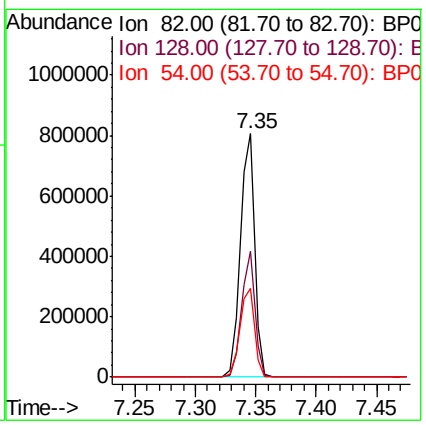


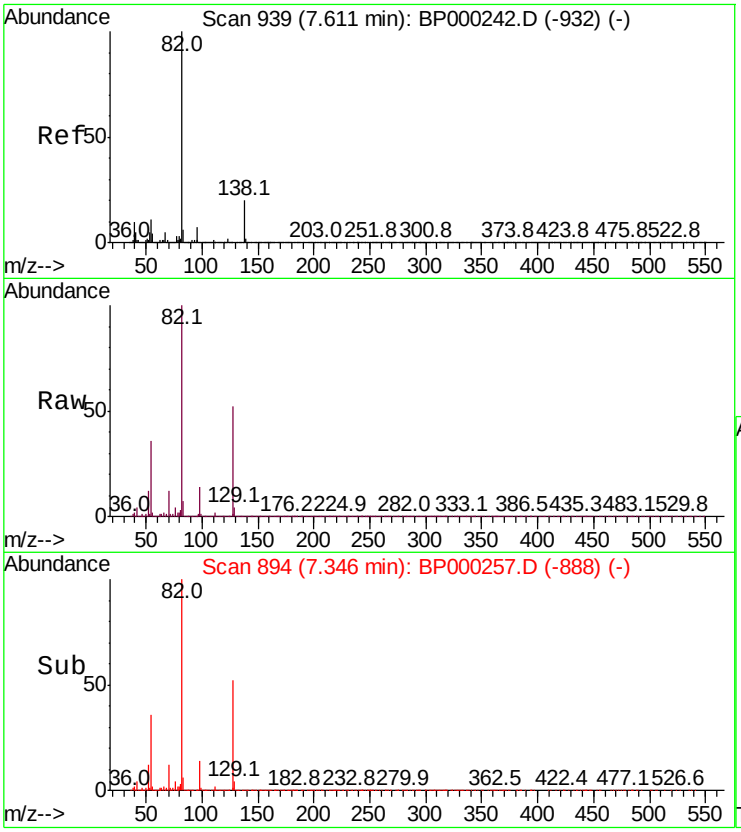


#23
Nitrobenzene-d5
Concen: 35.029 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion: 82 Resp: 667423

Ion	Ratio	Lower	Upper
82	100		
128	51.6	40.7	61.1
54	36.5	30.1	45.1



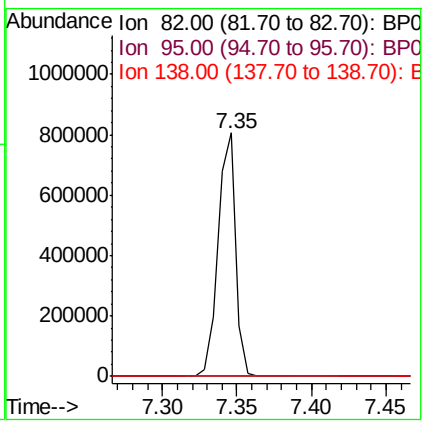


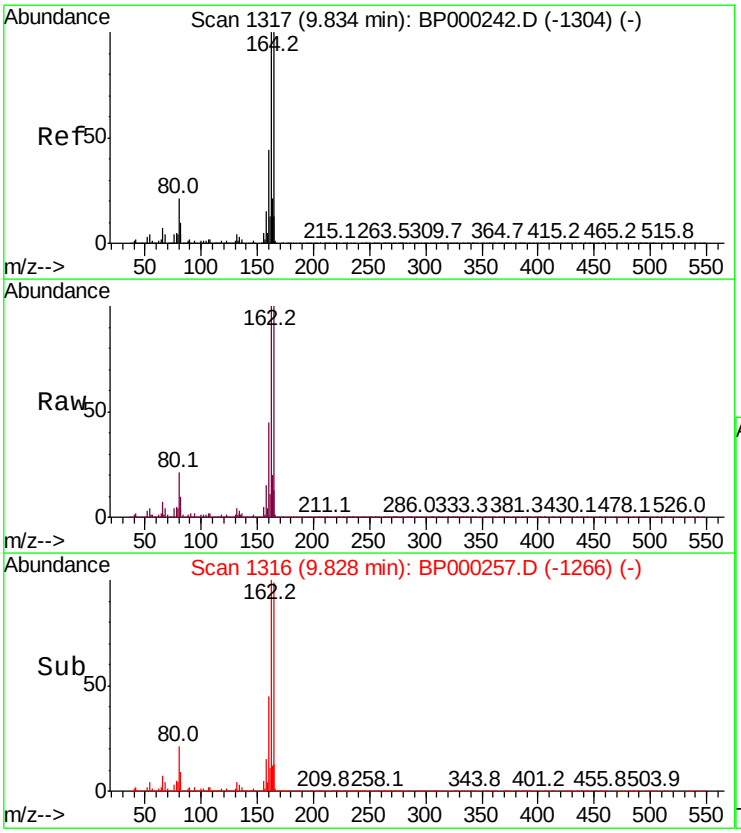
#25
Isophorone
Concen: 17.622 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 664848

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.9	8.9#
138	0.0	15.9	23.9#

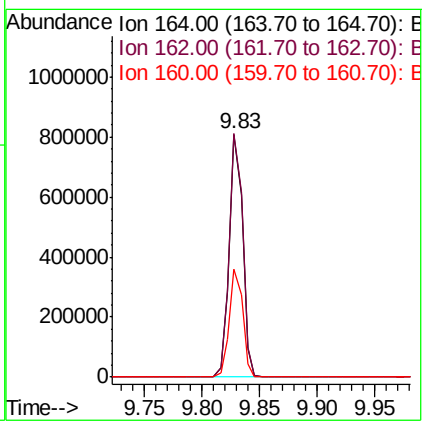


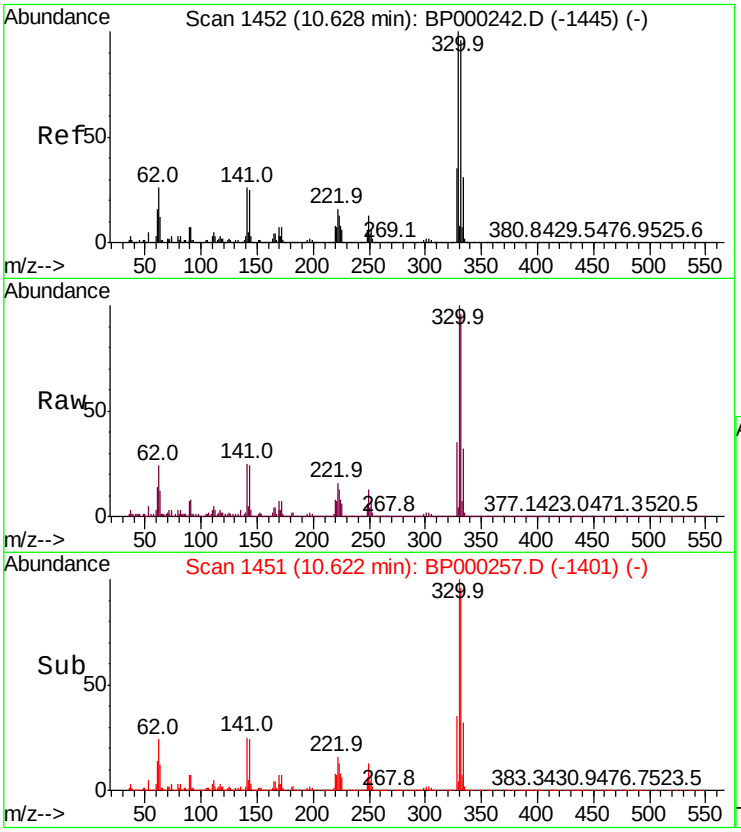


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion:164 Resp: 648388

Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.9	119.9
160	44.8	35.6	53.4



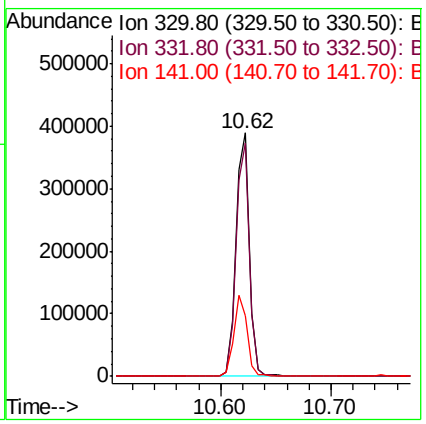


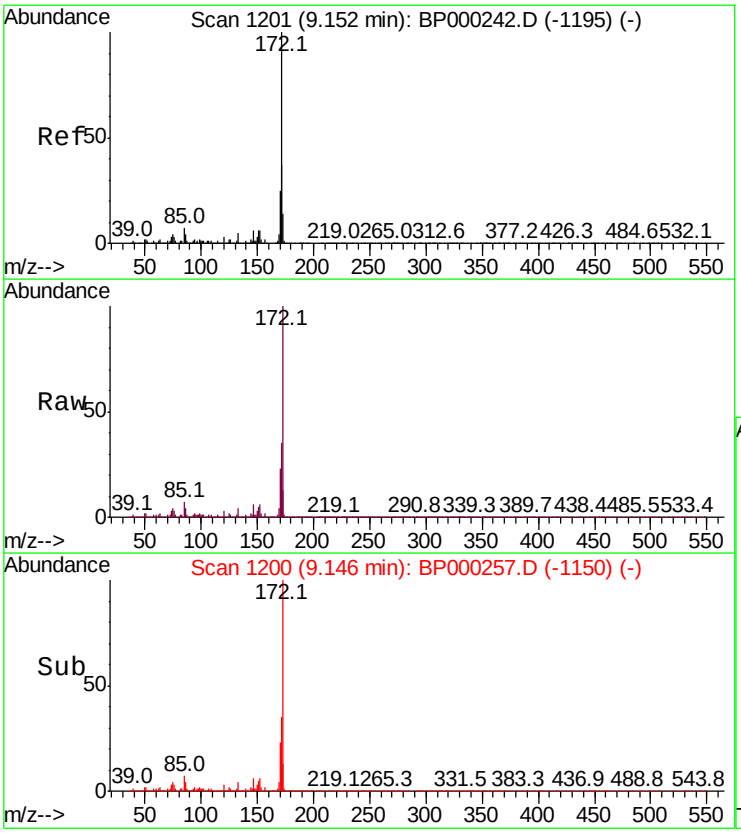
#42
2,4,6-Tribromophenol
Concen: 51.692 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 332440

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	32.4	26.5	39.7

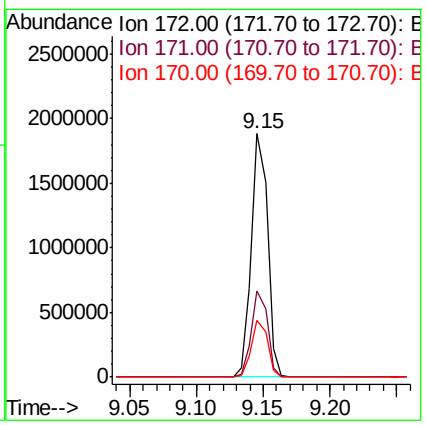


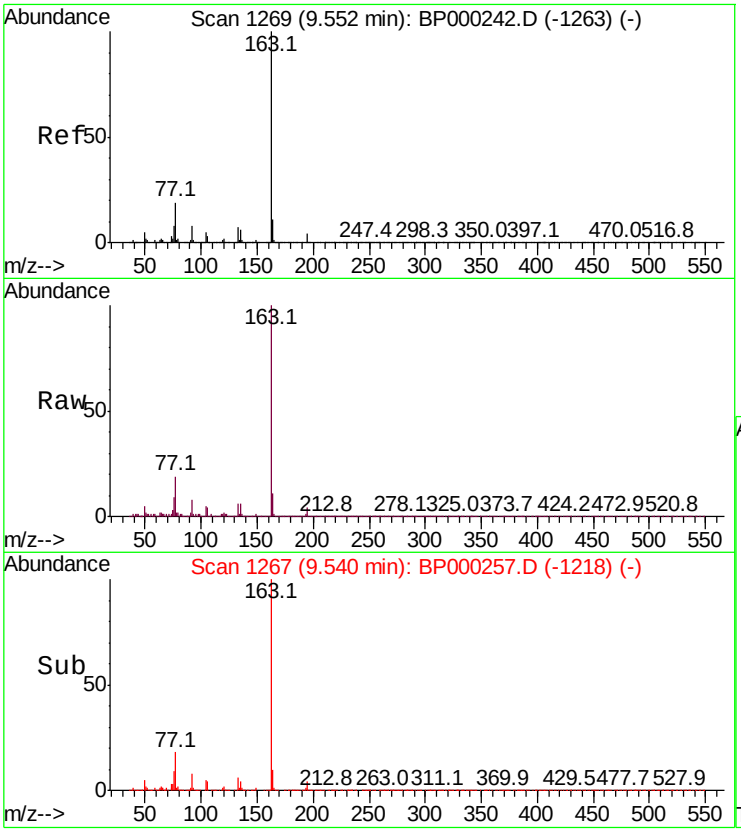


#45
2-Fluorobiphenyl
Concen: 43.155 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion:172 Resp: 1554693

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.8	44.6
170	23.2	19.8	29.6



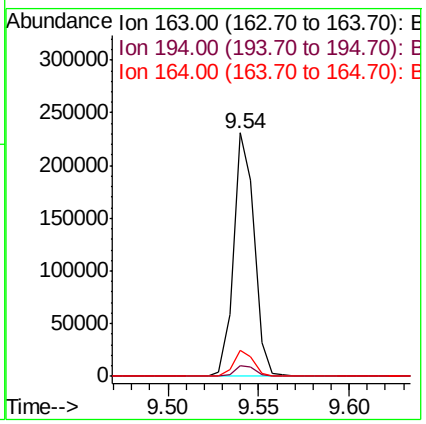


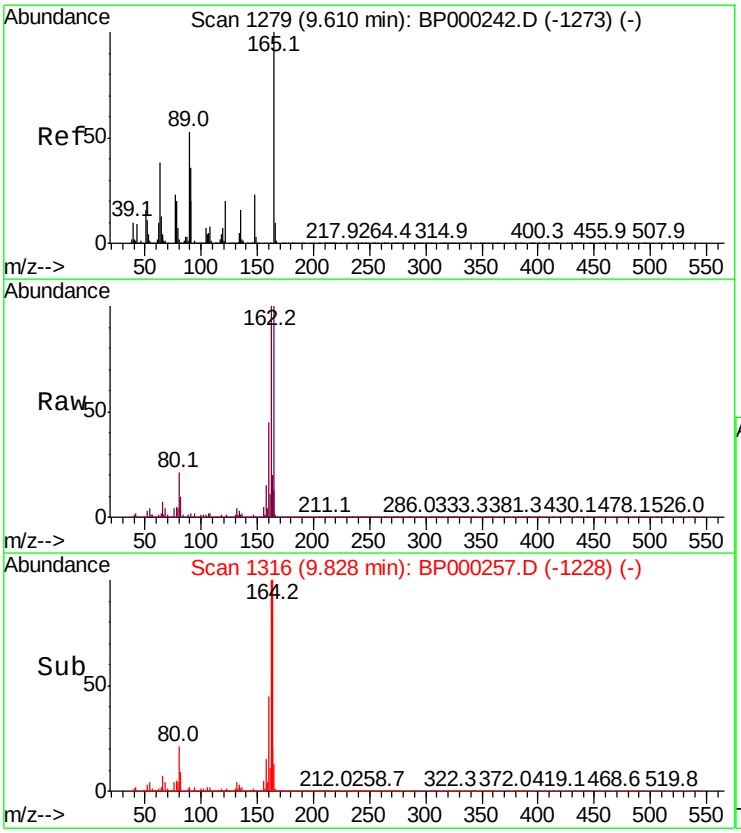
#50
Dimethylphthalate
Concen: 4.116 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 181842

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.7	8.5	12.7

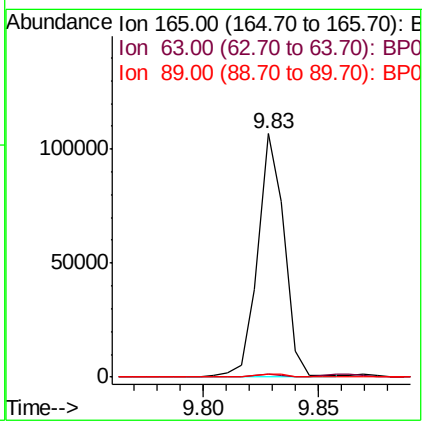


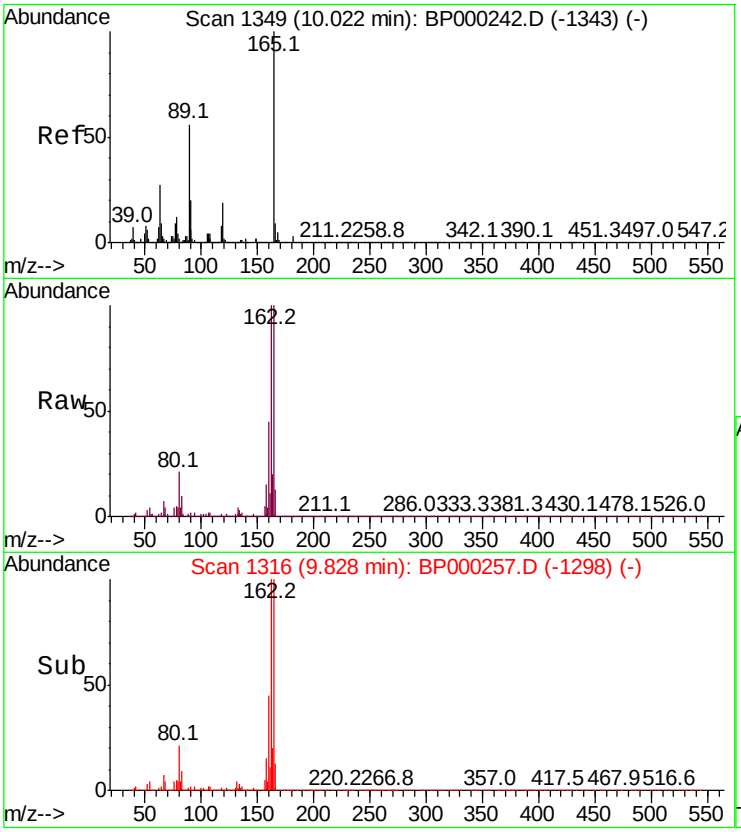


#51
2,6-Dinitrotoluene
Concen: 8.737 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.22 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion:165 Resp: 84863

Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.8	53.8#
89	1.4	42.6	63.8#



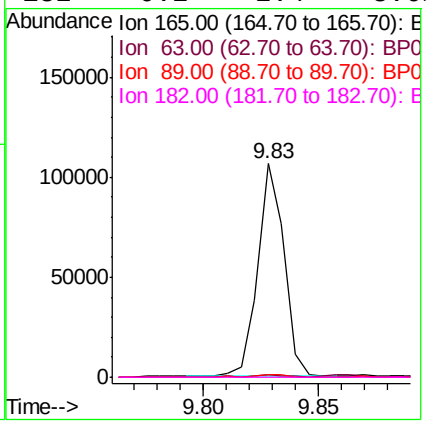


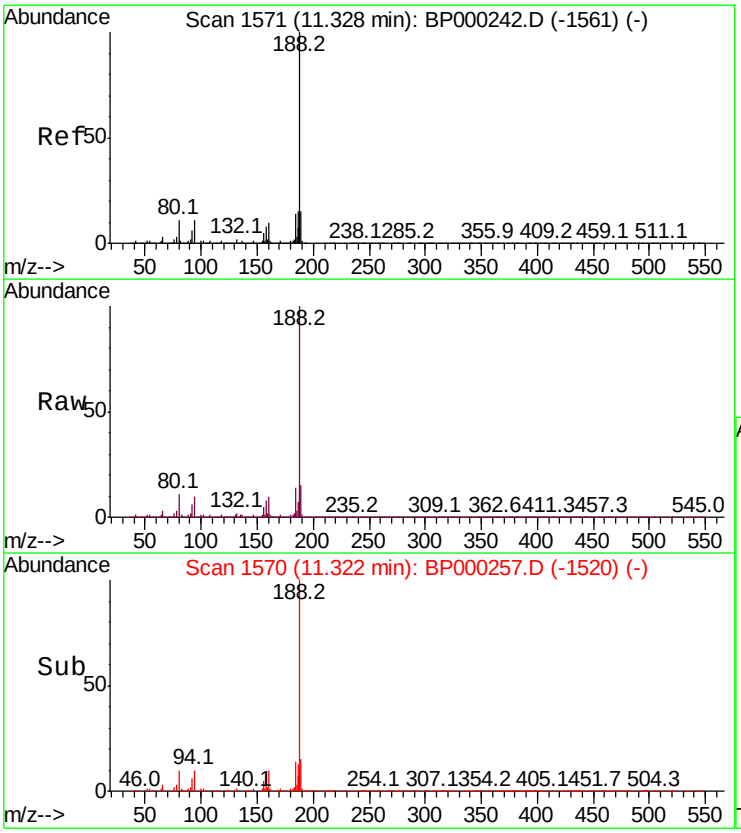
#57
2,4-Dinitrotoluene
Concen: 6.683 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 84863

Ion	Ratio	Lower	Upper
165	100		
63	1.1	21.7	32.5#
89	1.4	45.0	67.6#
182	0.2	2.4	3.6#

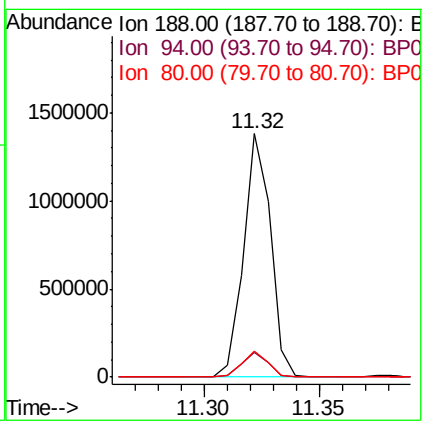


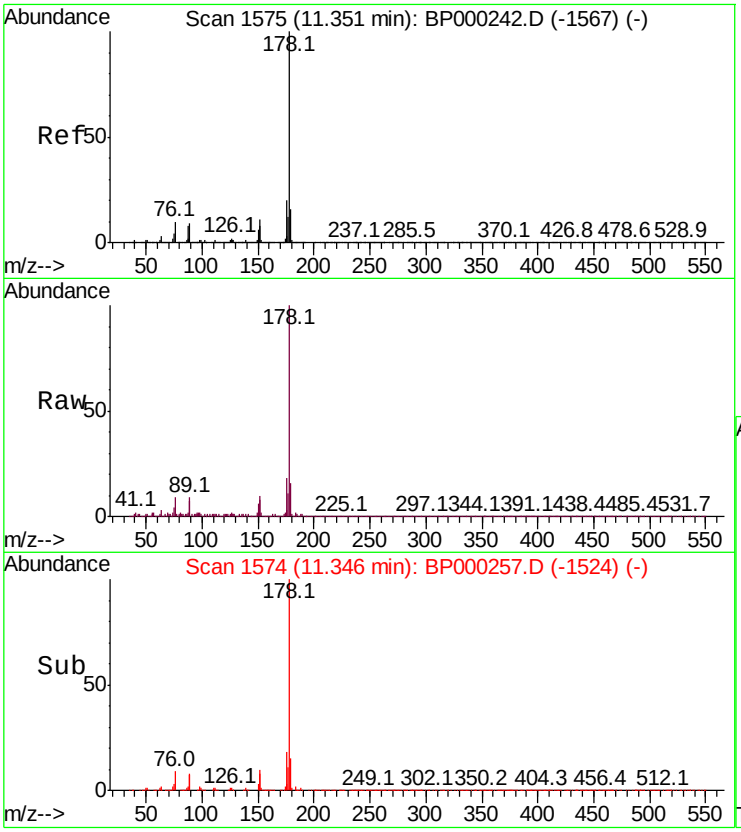


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion:188 Resp: 1126207

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.6	8.6	13.0



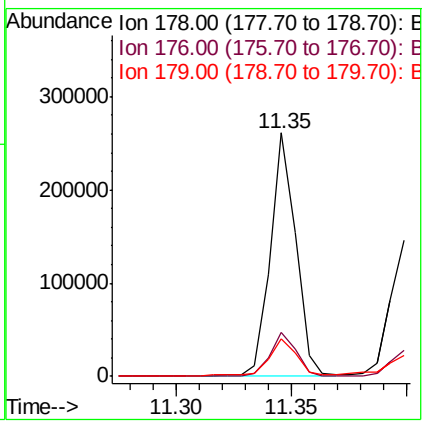


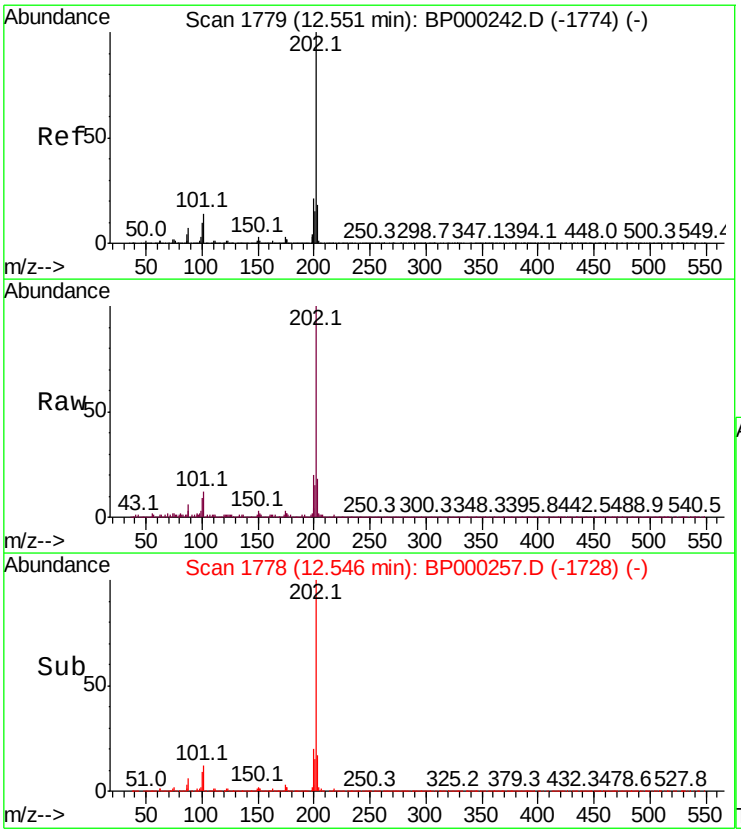
#71
Phenanthrene
Concen: 3.505 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 197813

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.5	12.7	19.1

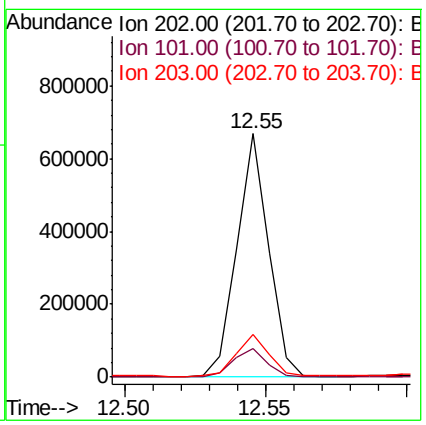


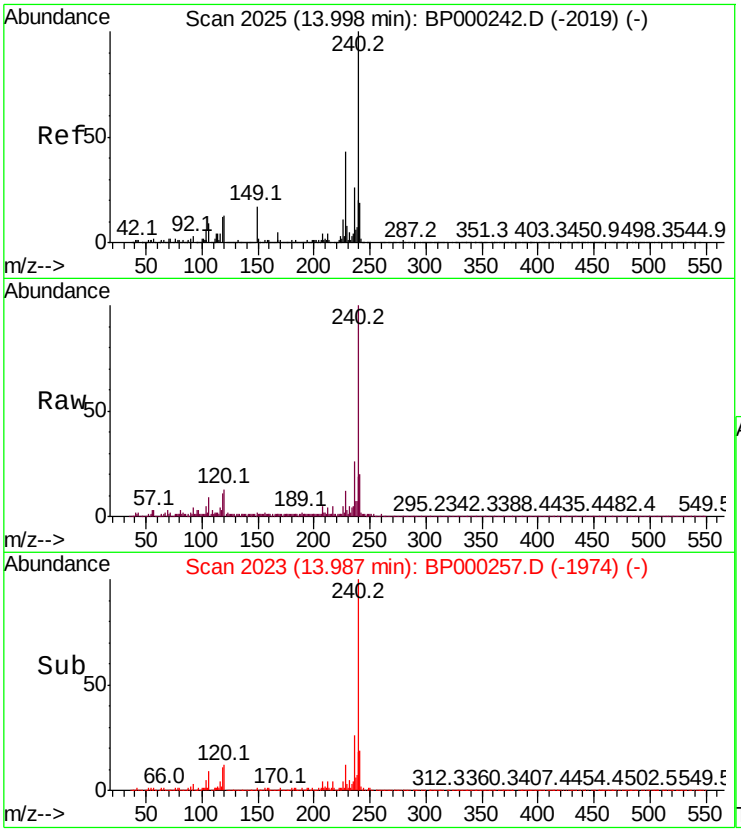


#75
Fluoranthene
Concen: 8.566 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion:202 Resp: 519137

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.9
203	17.7	0.0	38.0



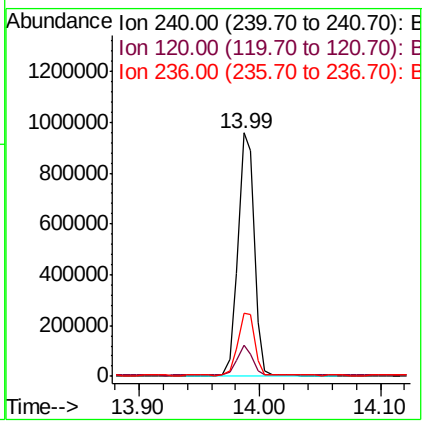


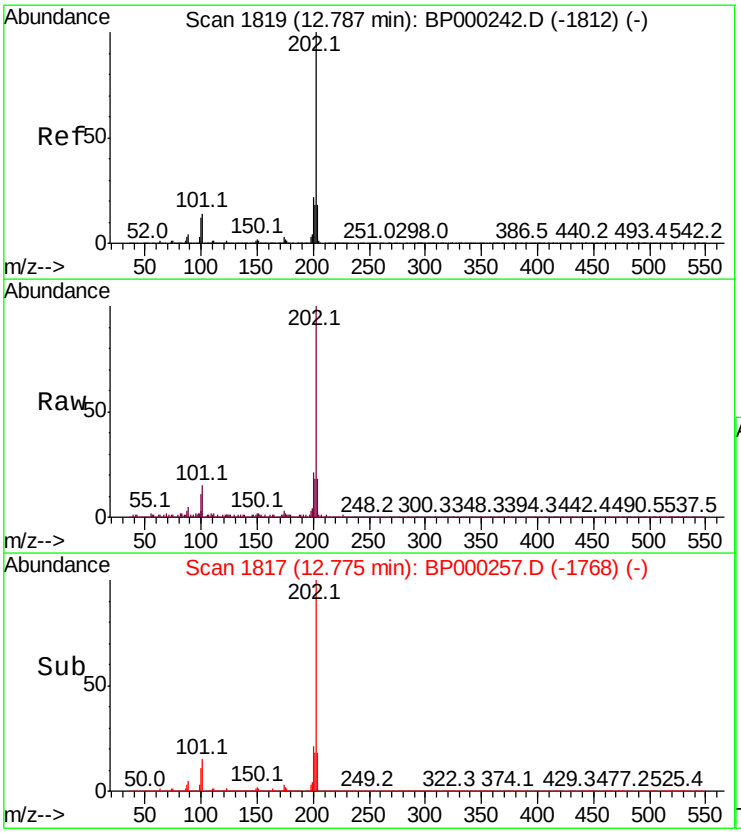
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 902364

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.4	15.6
236	26.1	21.0	31.6

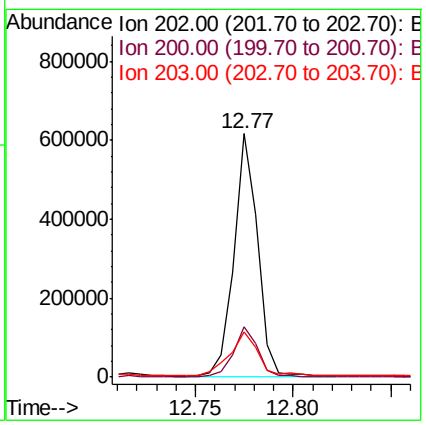


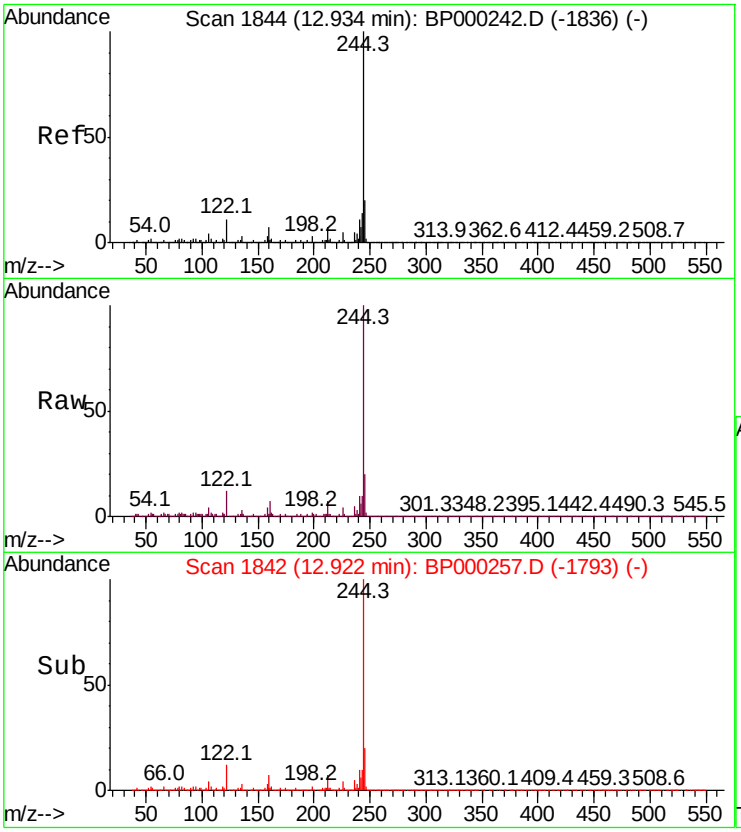


#78
Pyrene
Concen: 7.592 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion:202 Resp: 512541

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.5	26.3
203	18.5	14.3	21.5



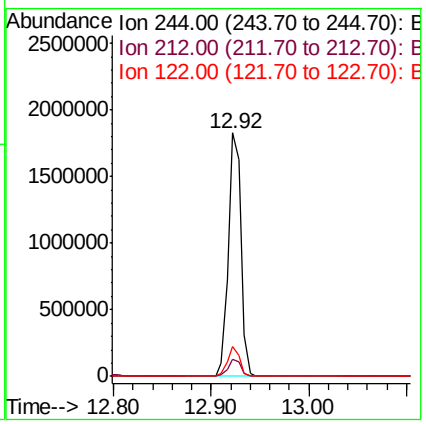


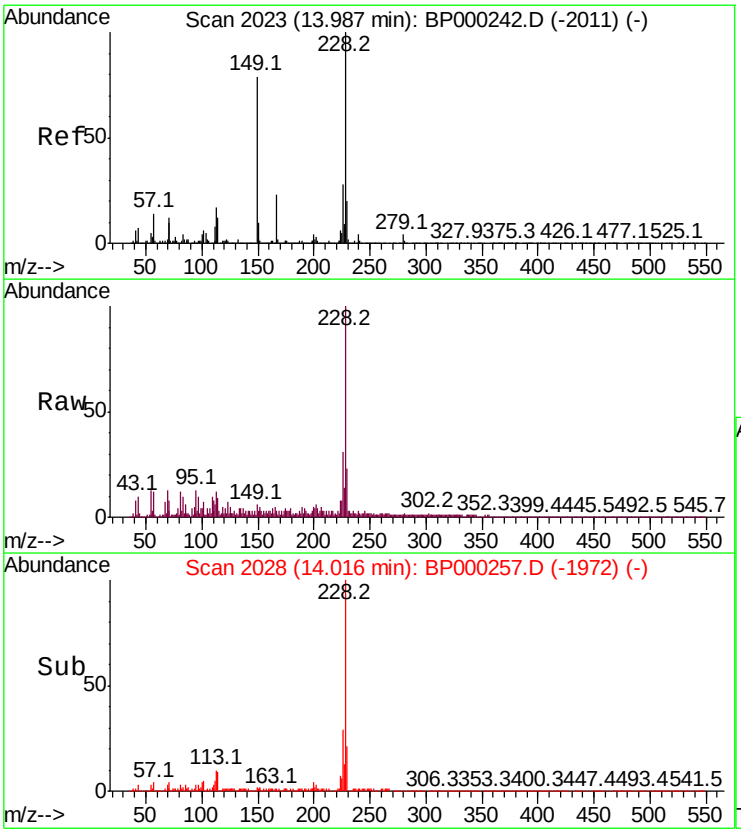
#79
Terphenyl-d14
Concen: 38.046 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 1636507

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	12.1	9.0	13.4

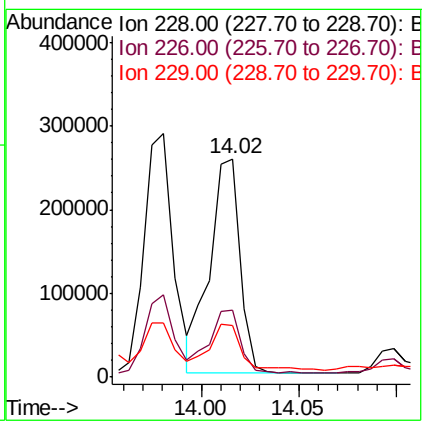


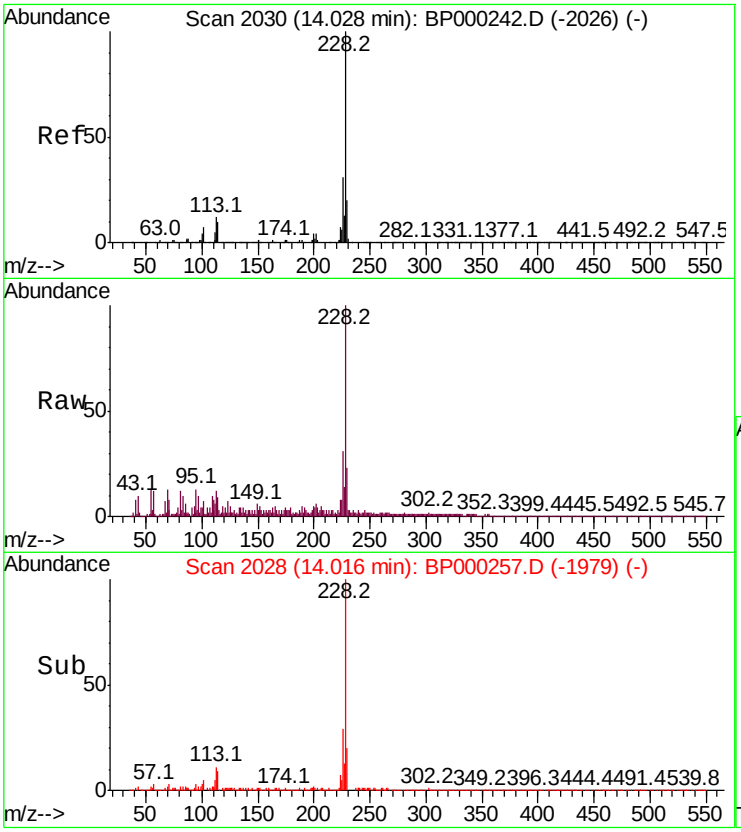


#81
Benzo(a)anthracene
Concen: 4.893 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.03 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion:228 Resp: 278876

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.2	33.4
229	23.4	16.0	24.0



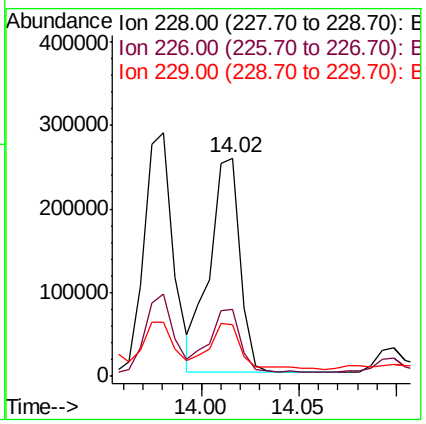


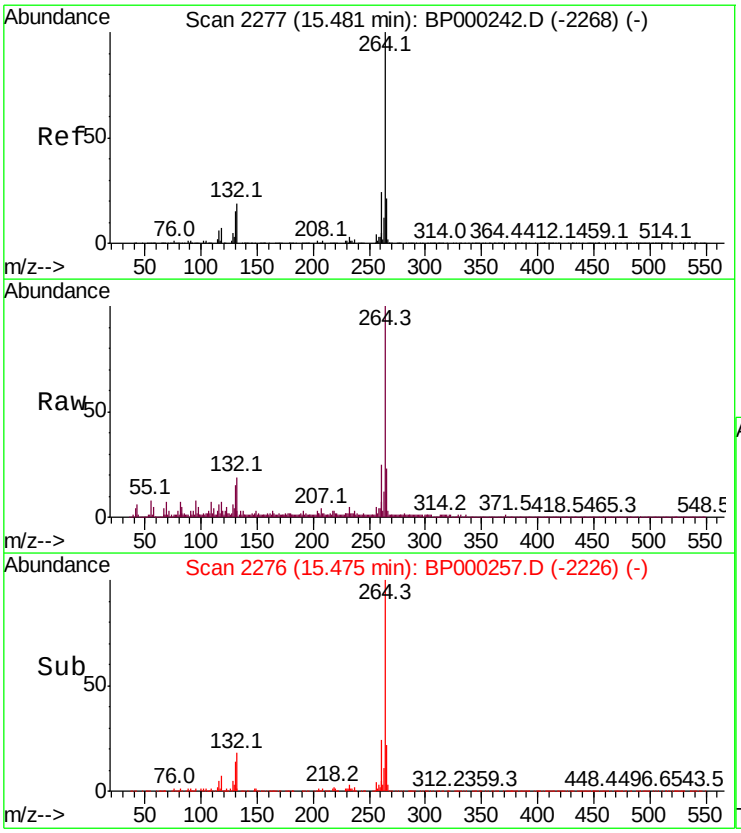
#83
Chrysene
Concen: 4.983 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 278876

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	23.4	16.2	24.2

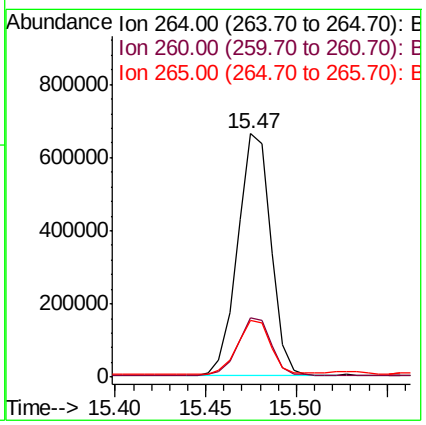


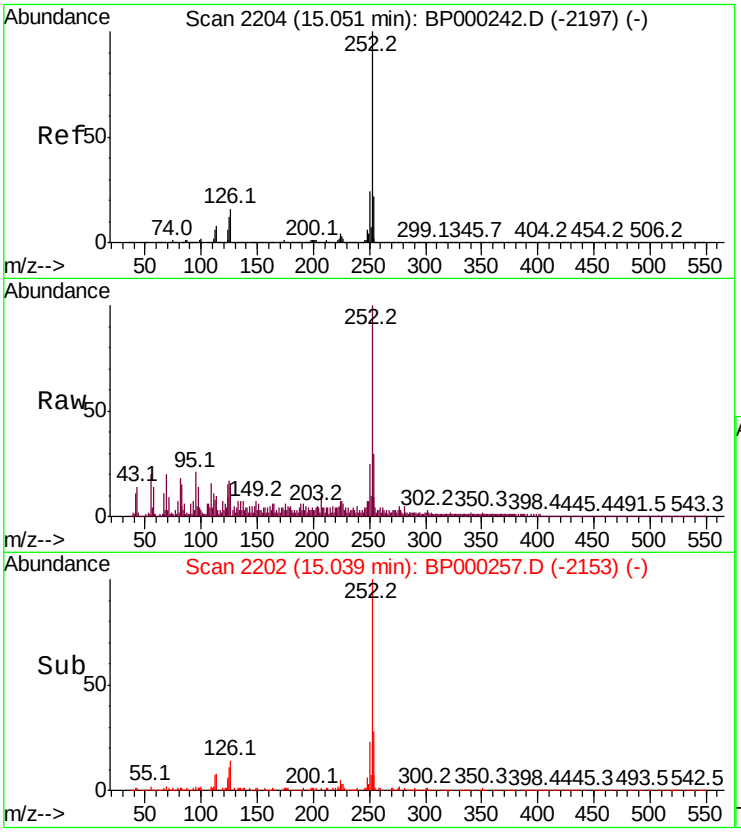


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion:264 Resp: 838402

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	23.3	17.2	25.8



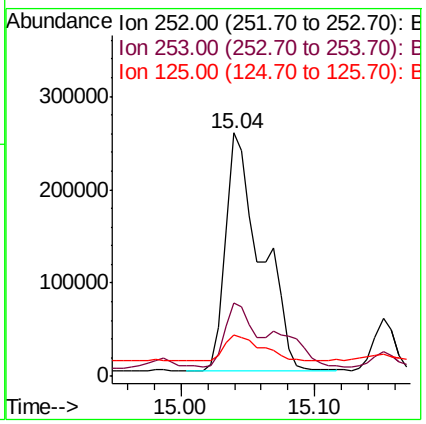


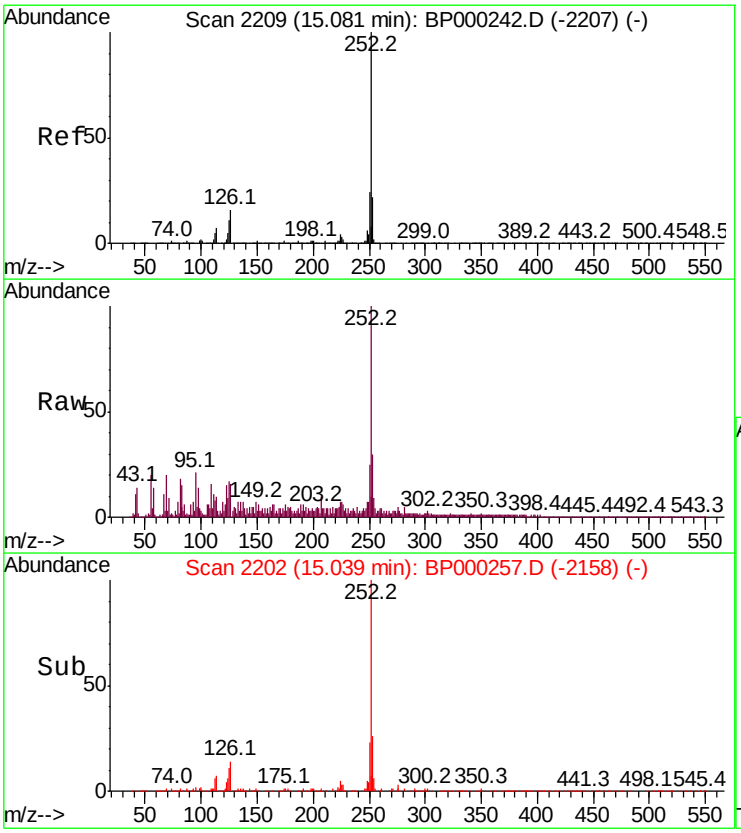
#88
Benzo(b)fluoranthene
Concen: 9.544 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 477370

Ion	Ratio	Lower	Upper
252	100		
253	30.2	17.8	26.6#
125	16.8	9.5	14.3#

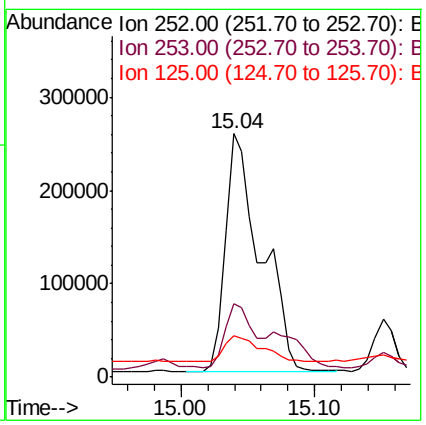


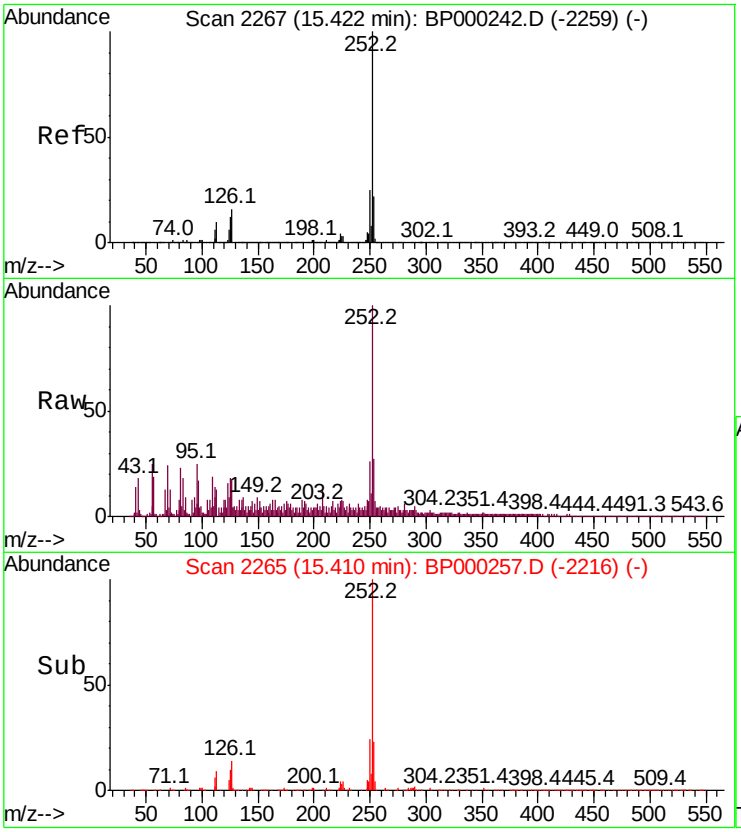


#89
Benzo(k)fluoranthene
Concen: 10.942 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion:252 Resp: 477370

Ion	Ratio	Lower	Upper
252	100		
253	30.2	17.8	26.8#
125	16.8	9.6	14.4#



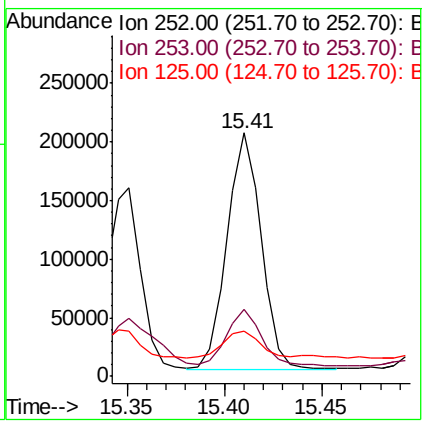


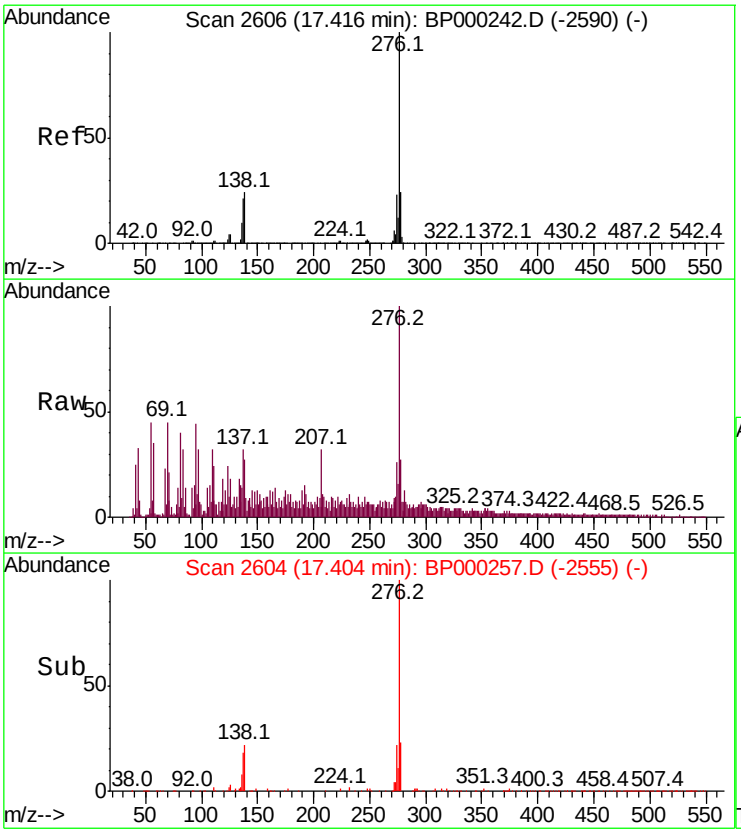
#90
Benzo(a)pyrene
Concen: 5.383 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 244961

Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.7	26.5#
125	18.3	10.0	15.0#





#92
Benzo(g,h,i)perylene
Concen: 3.225 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BP000257.D
Acq: 16 Sep 2019 23:37

Tgt Ion:276 Resp: 140671

Ion	Ratio	Lower	Upper
276	100		
277	27.4	19.1	28.7
138	26.6	19.5	29.3