Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001058.D
Acq On : 16 Nov 2019 00:26
Operator : JU
Sample : K5832-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Nov 16 03:32:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	163460	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	608996	20.00	ng		-0.01
39) Acenaphthene-d10	13.25	164	375917	20.00	ng		-0.02
64) Phenanthrene-d10	15.65	188	775628	20.00	ng		-0.01
76) Chrysene-d12	19.28	240	664630	20.00	ng		-0.02
87) Perylene-d12	21.06	264	726914	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	526952	58.68	ng		0.00
7) Phenol-d6	7.81	99	922182	81.20	ng		0.00
23) Nitrobenzene-d5	9.24	82	609157	55.33	ng		-0.02
42) 2,4,6-Tribromophenol	14.55	330	220319	49.10	ng		-0.01
45) 2-Fluorobiphenyl	12.17	172	1290902	51.72	ng		-0.02
79) Terphenyl-d14	17.92	244	1759944	52.67	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.83	94	30188	2.430	ng		95
19) n-Nitroso-di-n-propylamine	9.24	70	84211	12.349	ng	#	80
32) Benzoic acid	10.02	122	8	7.669	ng	#	1
50) Dimethylphthalate	12.83	163	232411	8.361	ng		99
54) 2,4-Dinitrophenol	13.36	184	6	8.311	ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.27	198	22	9.889	ng	#	1
71) Phenanthrene	15.68	178	384952	9.697	ng		99
72) Anthracene	15.76	178	78571	2.029	ng		97
75) Fluoranthene	17.39	202	381672	8.506	ng		98
78) Pyrene	17.69	202	518056	11.030	ng		98
81) Benzo(a)anthracene	19.27	228	217595	4.861	ng		94
83) Chrysene	19.32	228	236894	6.028	ng		98
88) Benzo(b)fluoranthene	20.57	252	301061	6.948	ng		98
89) Benzo(k)fluoranthene	20.57	252	301061	7.381	ng		98
90) Benzo(a)pyrene	20.99	252	163192	4.096	ng		98
92) Benzo(g,h,i)perylene	23.20	276	95695	2.337	ng		96

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

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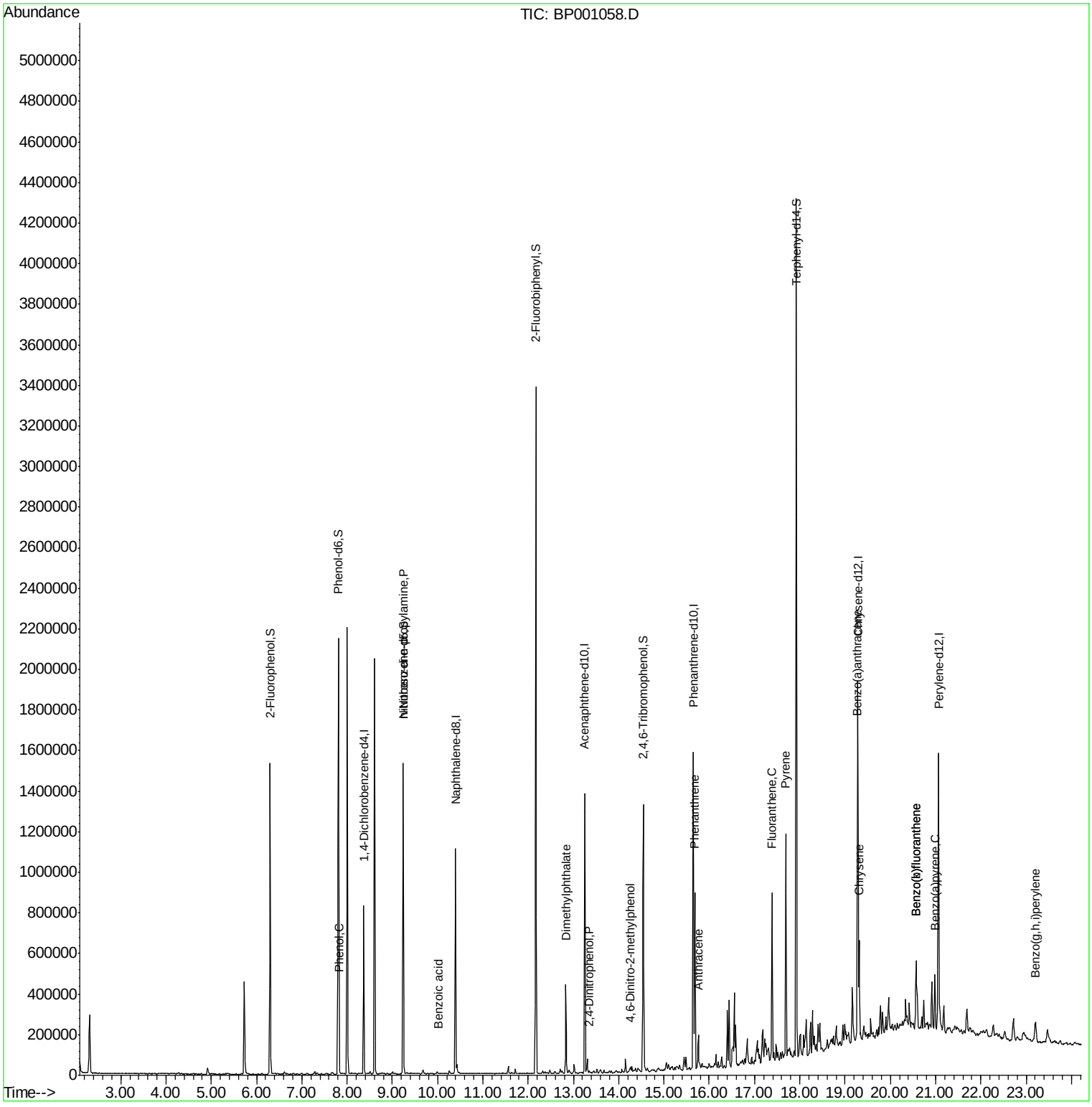
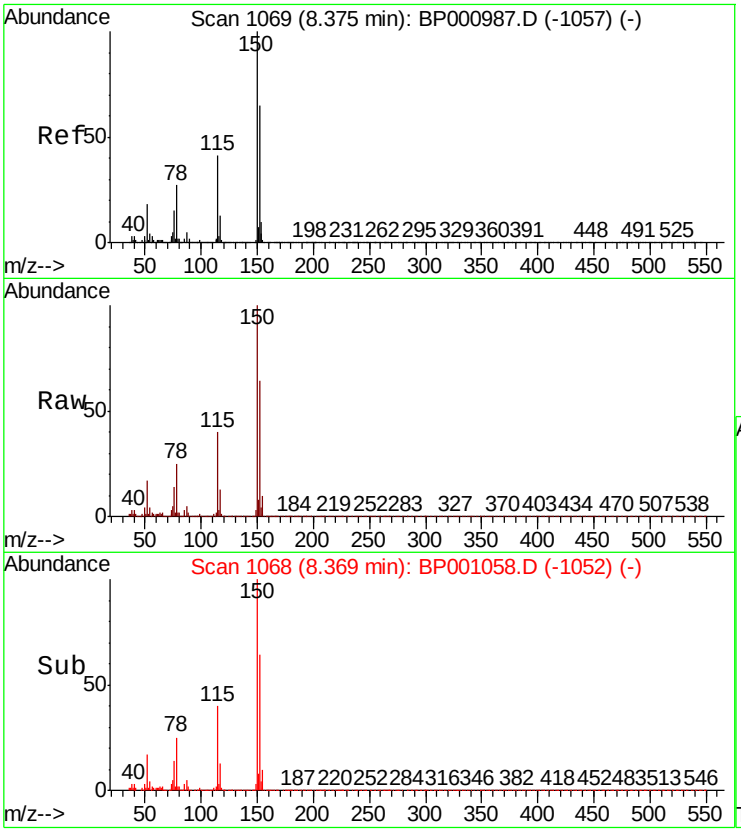


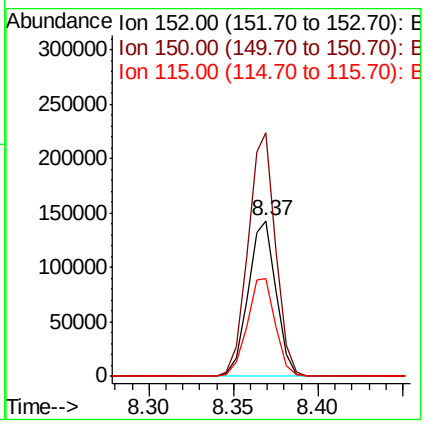


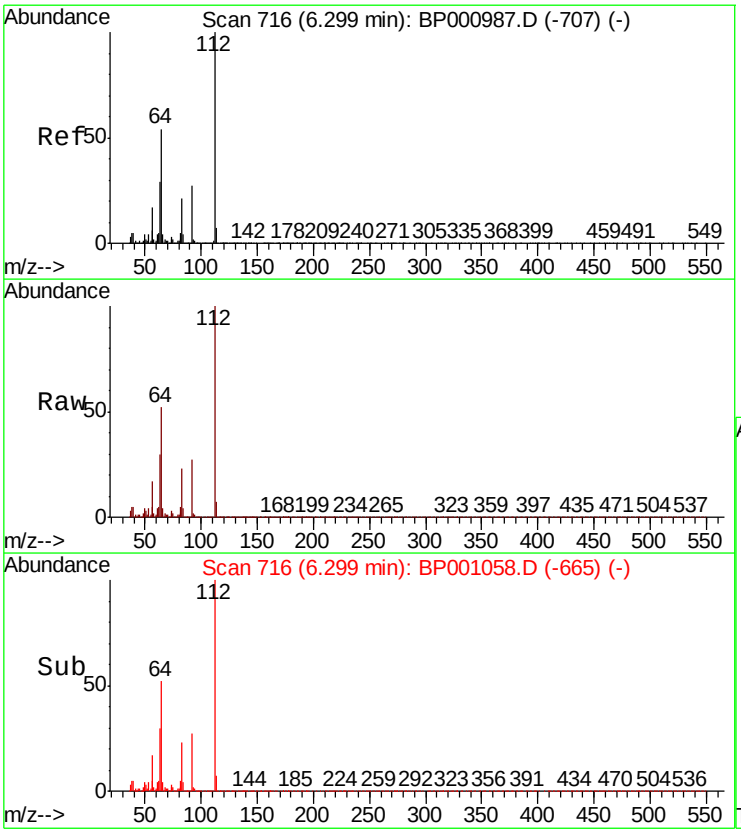
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.37 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 163460

Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.6	185.4
115	62.7	50.1	75.1

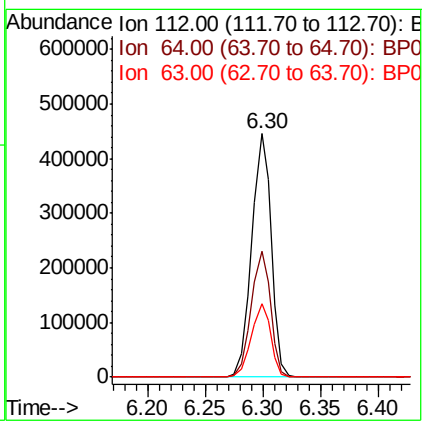


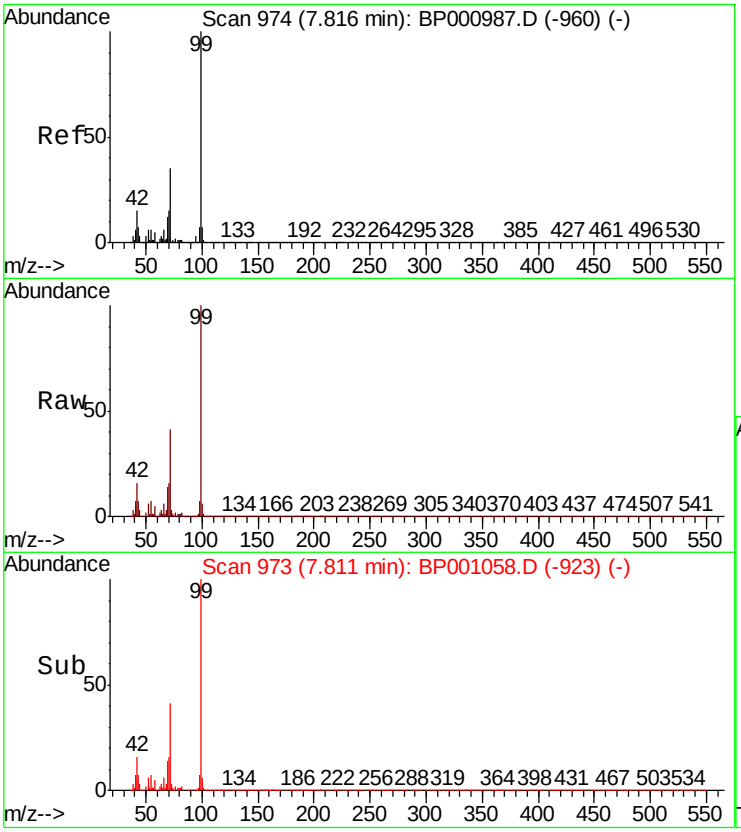


#5
2-Fluorophenol
Concen: 58.678 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.00 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion:112 Resp: 526952

Ion	Ratio	Lower	Upper
112	100		
64	51.6	43.4	65.0
63	30.2	23.4	35.0



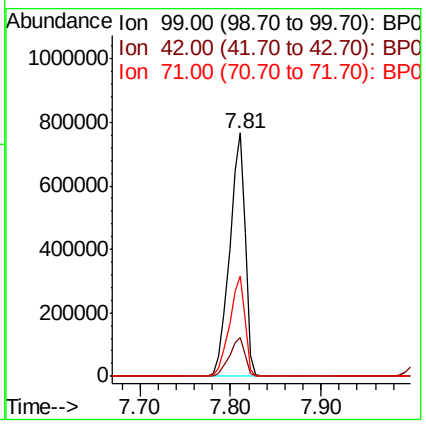


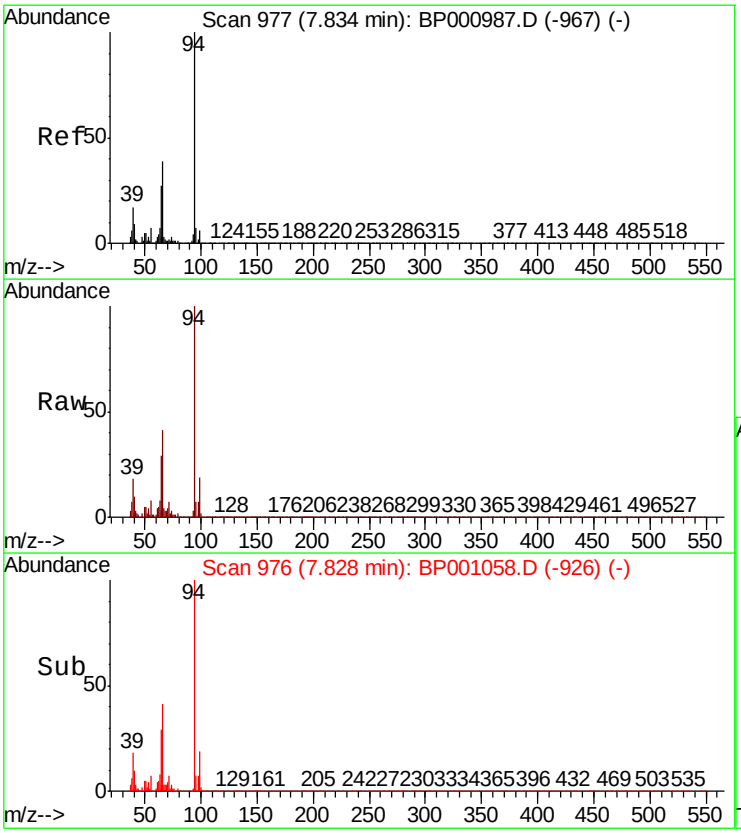
#7
Phenol-d6
Concen: 81.204 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 922182

Ion	Ratio	Lower	Upper
99	100		
42	16.2	11.6	17.4
71	41.4	28.0	42.0

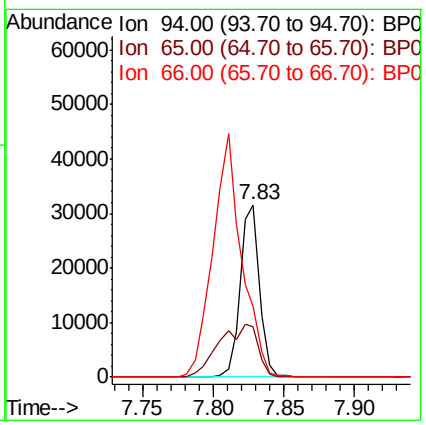


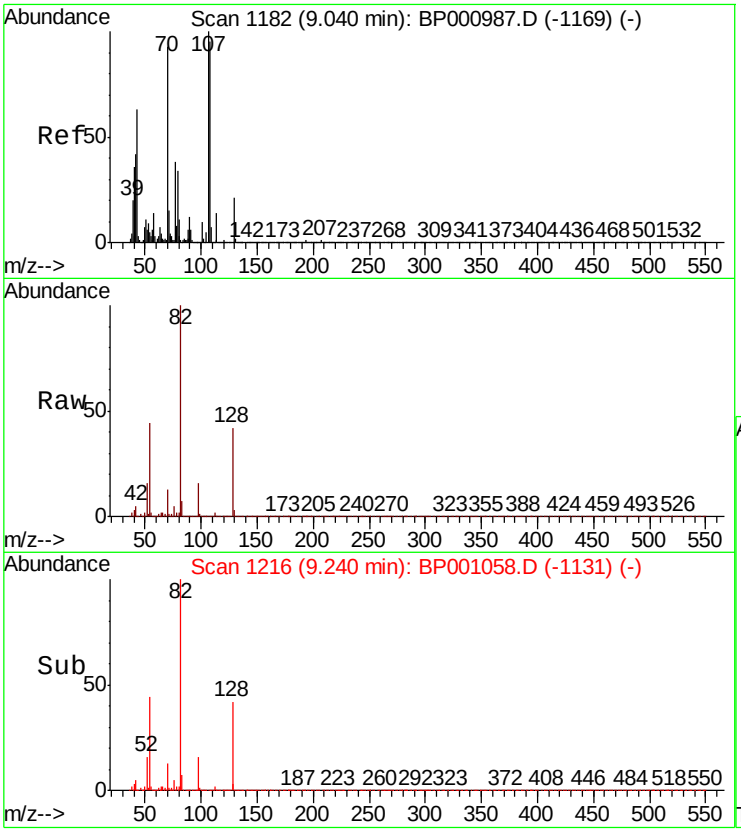


#10
Phenol
Concen: 2.430 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion: 94 Resp: 30188

Ion	Ratio	Lower	Upper
94	100		
65	29.0	6.7	46.7
66	41.3	18.6	58.6



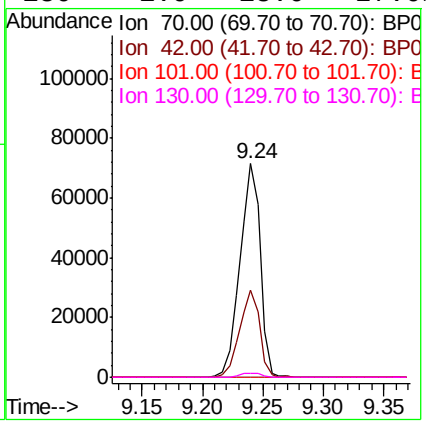


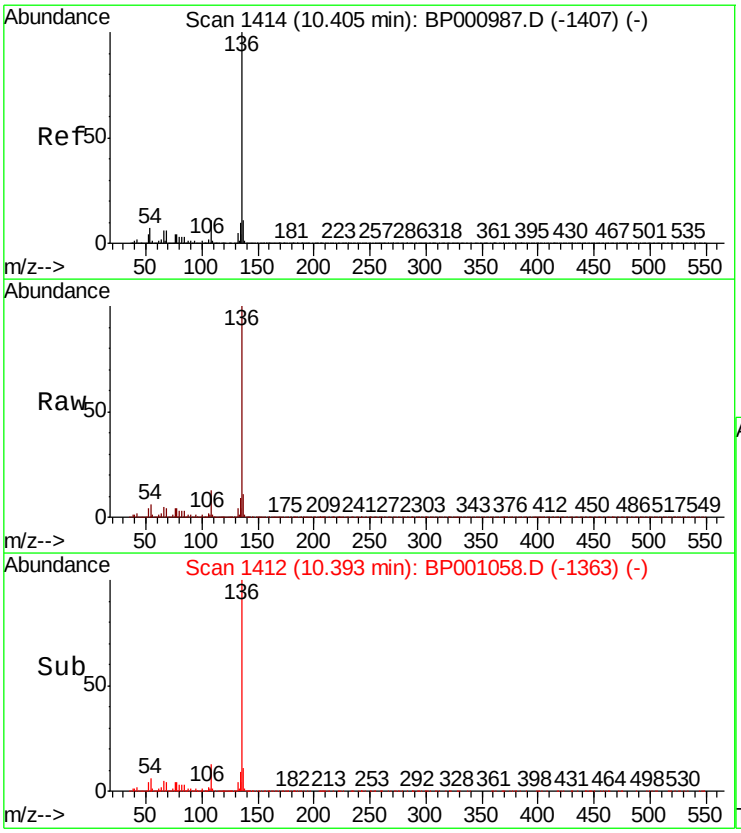
#19
n-Nitroso-di-n-propylamine
Concen: 12.349 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.20 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 84211

Ion	Ratio	Lower	Upper
70	100		
42	40.7	36.3	54.5
101	0.0	8.7	13.1#
130	1.9	18.0	27.0#

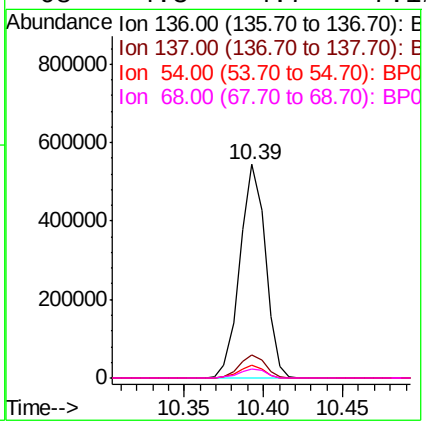


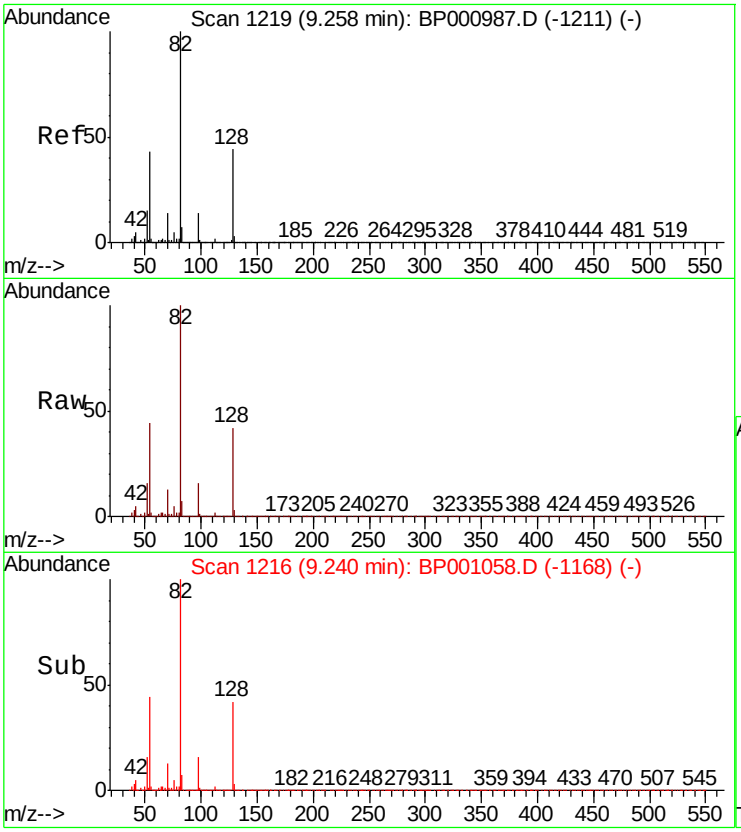


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion:136 Resp: 608996

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	5.8	5.4	8.2
68	4.3	4.7	7.1#

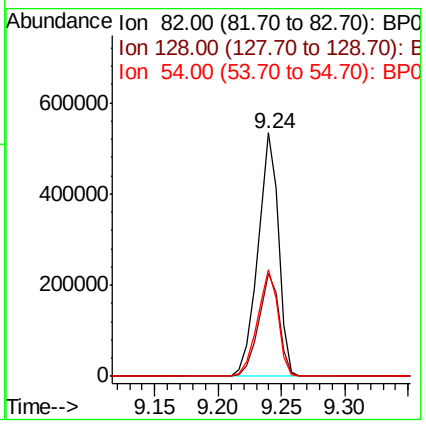




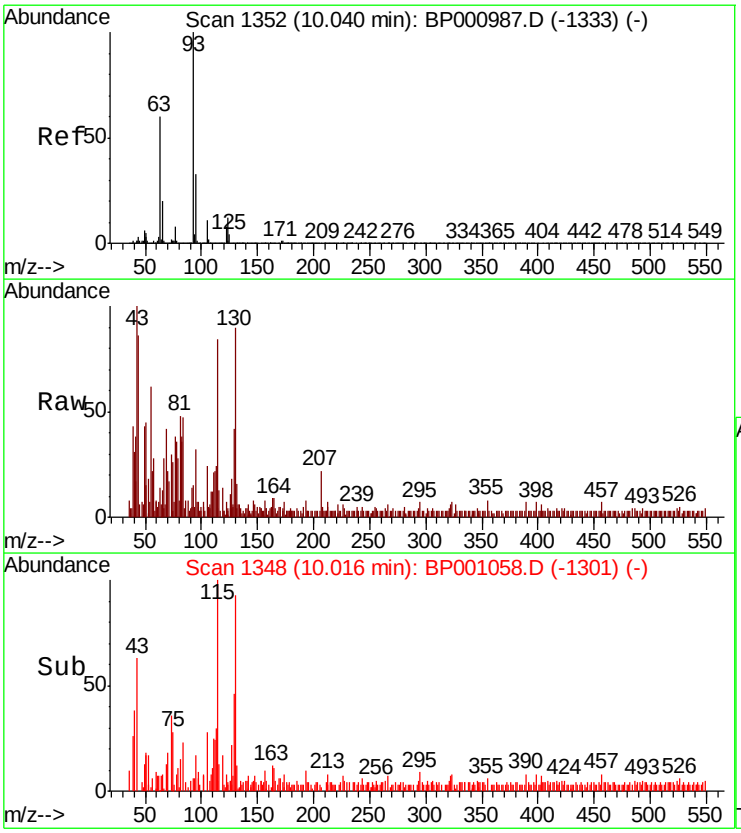
#23
Nitrobenzene-d5
Concen: 55.331 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion: 82 Resp: 609157

Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.3	52.9
54	44.1	34.3	51.5



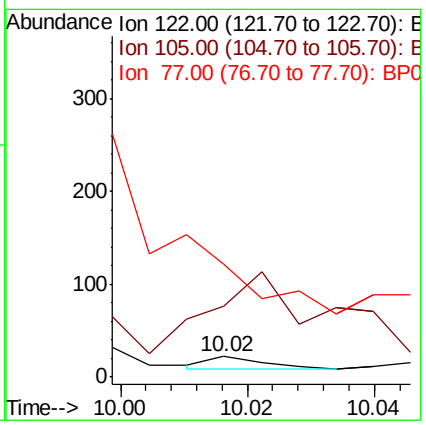
Instrument :
BNA_P
ClientSampleId :

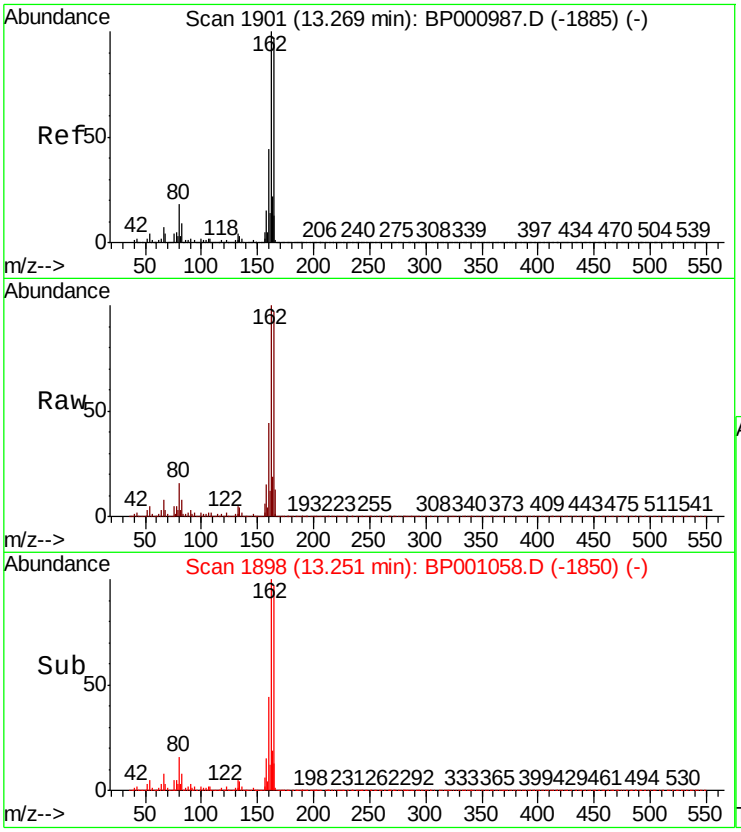


#32
Benzoic acid
Concen: 7.669 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion:122 Resp: 8

Ion	Ratio	Lower	Upper
122	100		
105	345.5	110.5	150.5#
77	554.5	77.9	117.9#



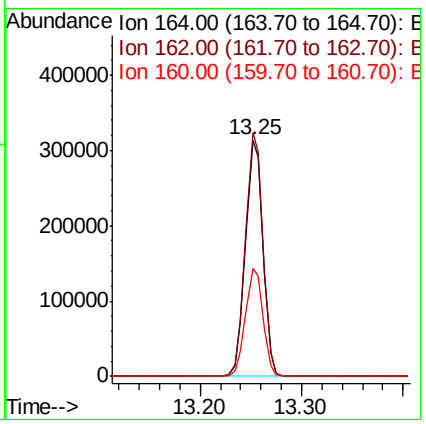


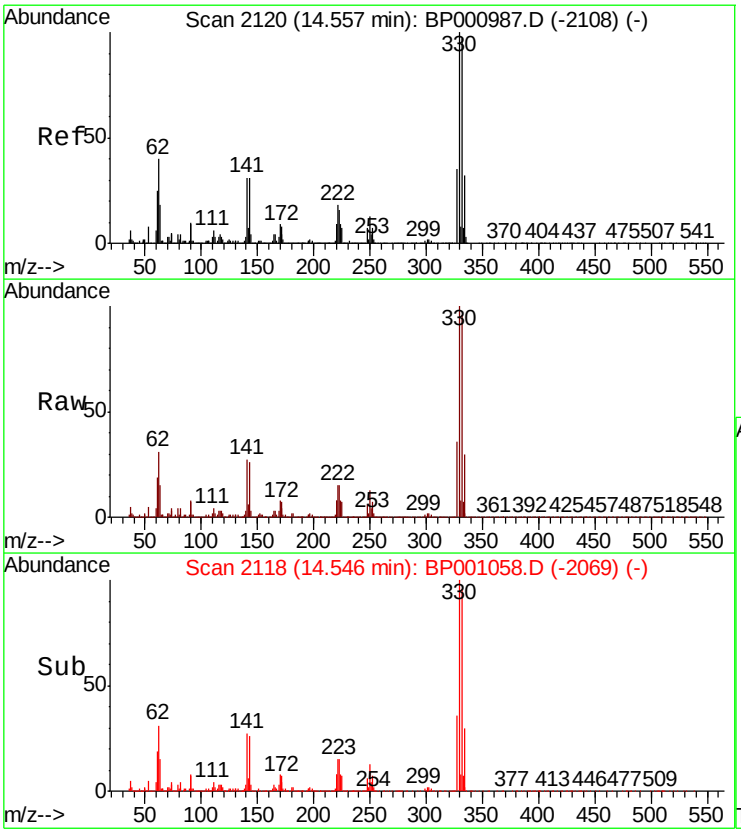
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 375917

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	45.6	36.5	54.7

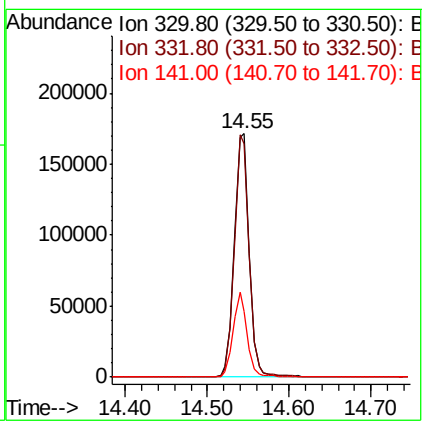


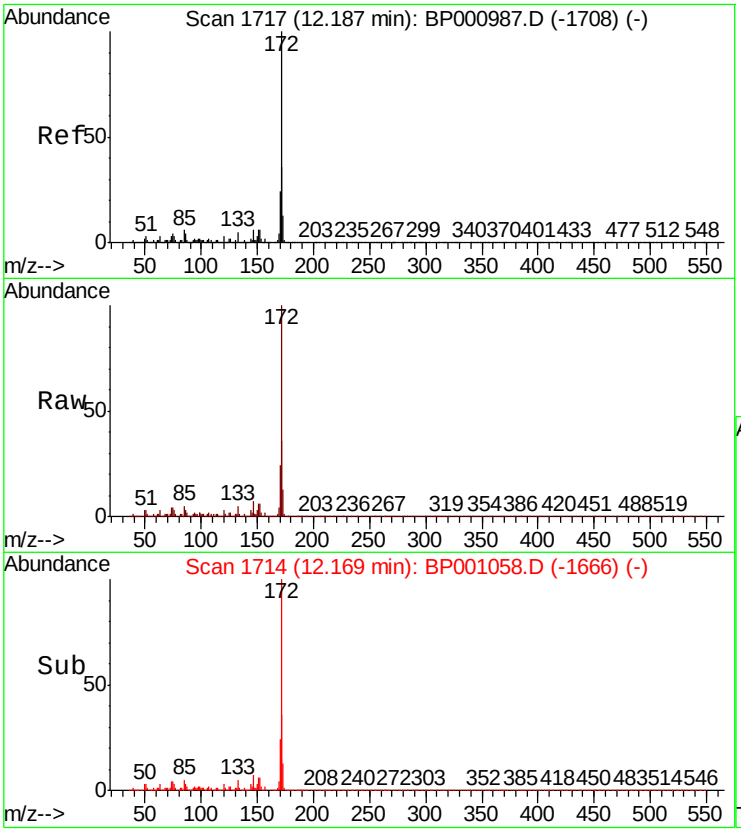


#42
2,4,6-Tribromophenol
Concen: 49.095 ng
RT: 14.55 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion:330 Resp: 220319

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.3	117.5
141	31.9	25.0	37.4



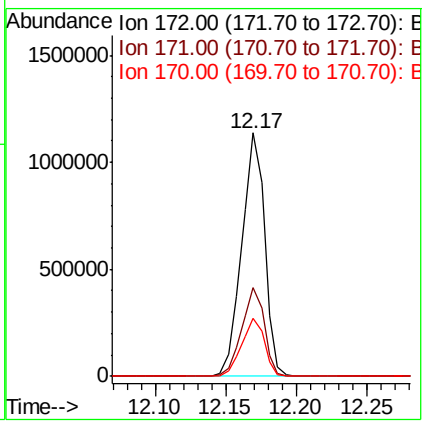


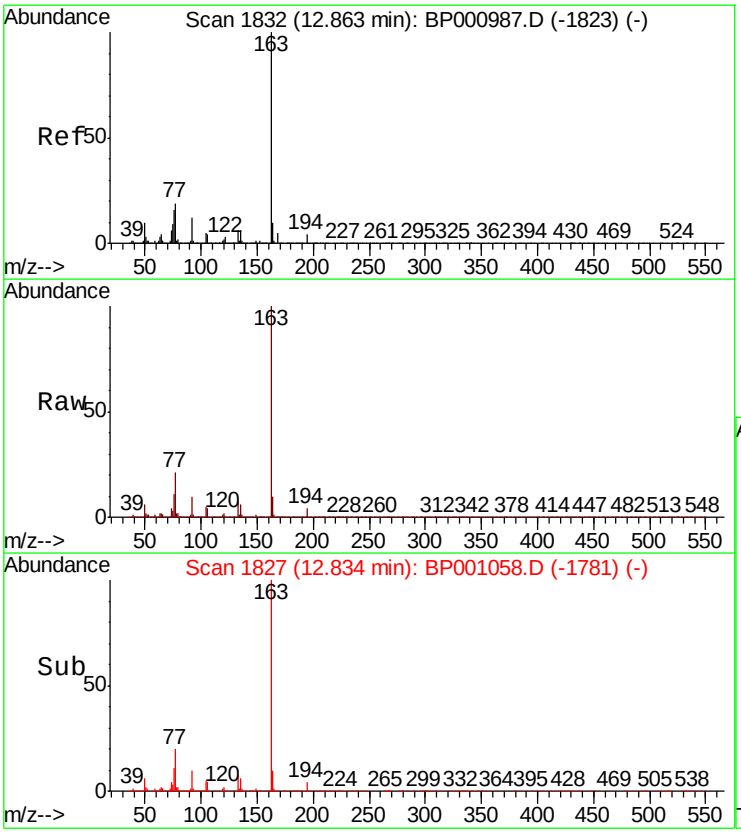
#45
2-Fluorobiphenyl
Concen: 51.719 ng
RT: 12.17 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 1290902

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	23.7	18.9	28.3

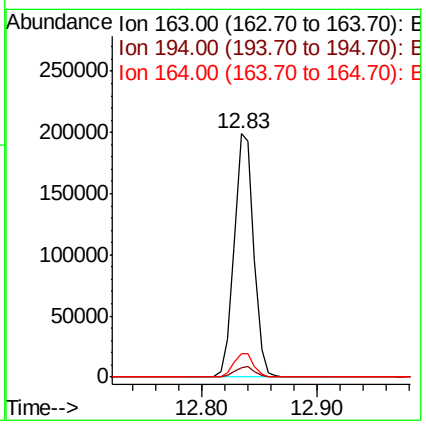


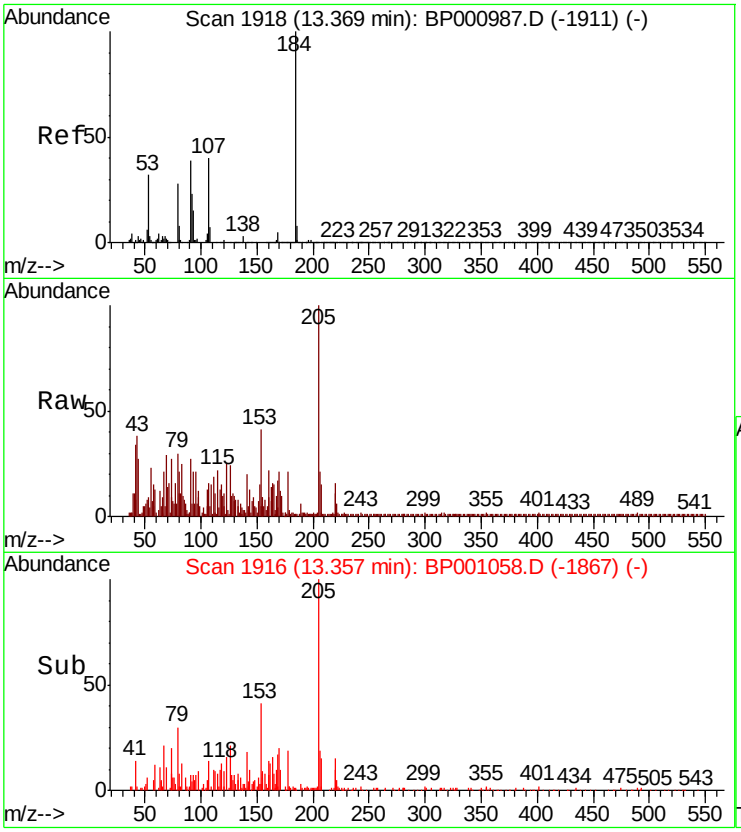


#50
Dimethylphthalate
Concen: 8.361 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion:163 Resp: 232411

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	9.7	7.9	11.9



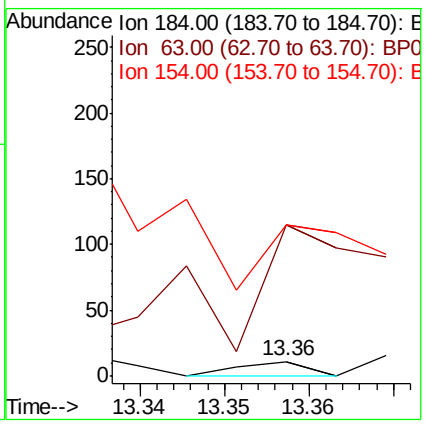


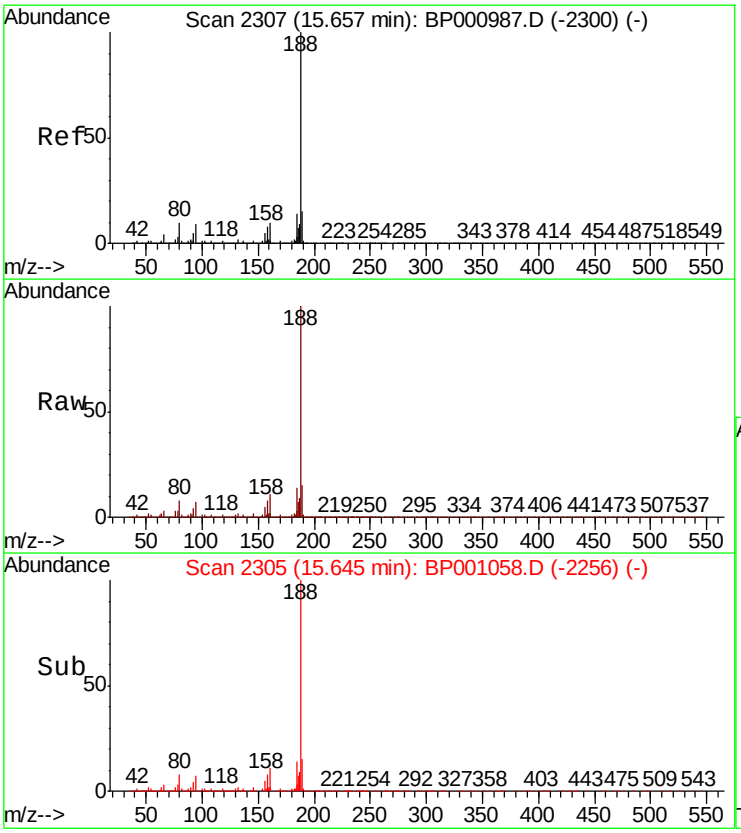
#54
2,4-Dinitrophenol
Concen: 8.311 ng
RT: 13.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:184 Resp: 6

Ion	Ratio	Lower	Upper
184	100		
63	1045.5	41.0	61.6#
154	1045.5	48.1	72.1#

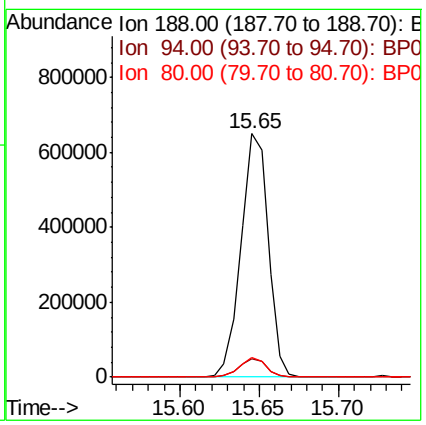


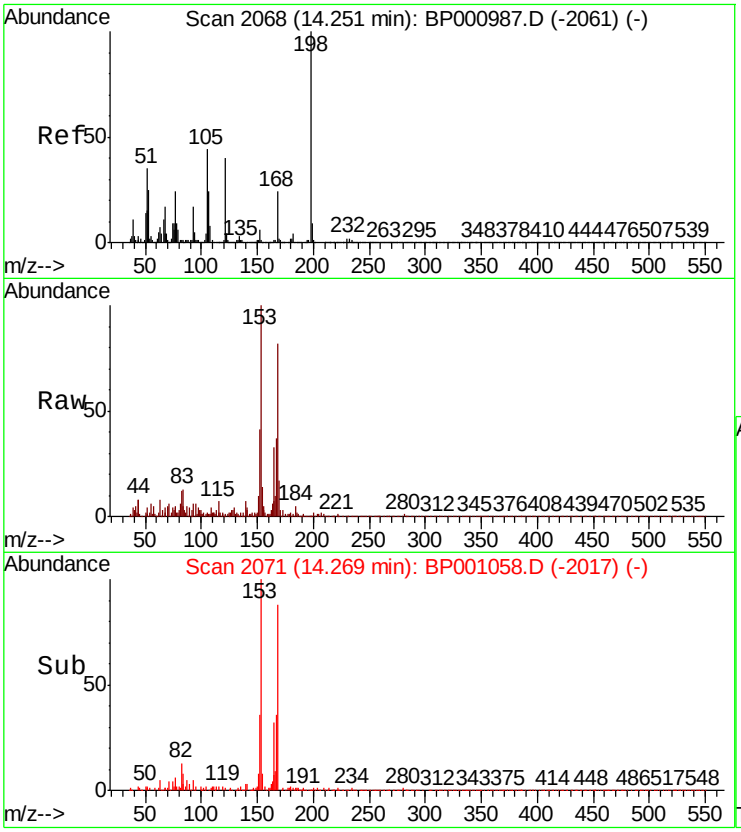


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion:188 Resp: 775628

Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.4	11.2#
80	8.3	7.9	11.9



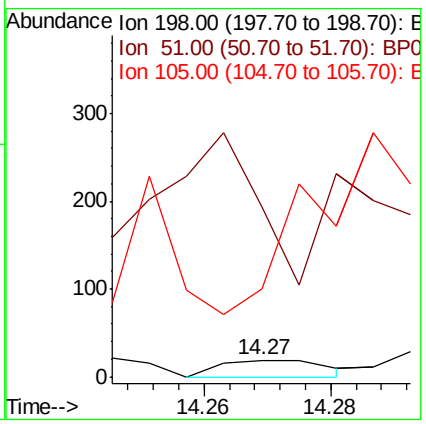


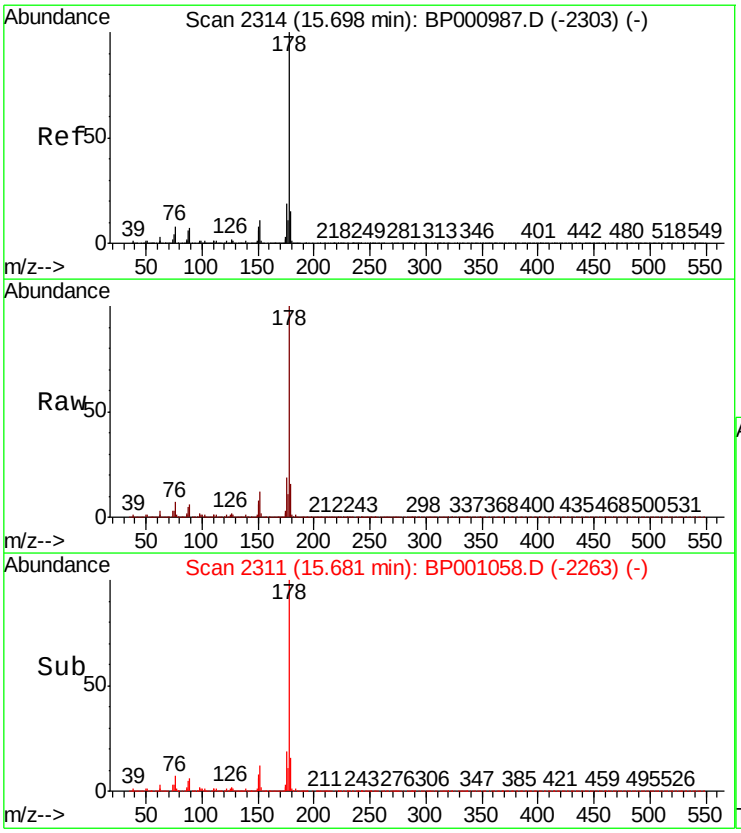
#65
4,6-Dinitro-2-methylphenol
Concen: 9.889 ng
RT: 14.27 min Scan# 2071
Delta R.T. 0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:198 Resp: 22

Ion	Ratio	Lower	Upper
198	100		
51	1015.8	16.0	56.0#
105	526.3	24.9	64.9#

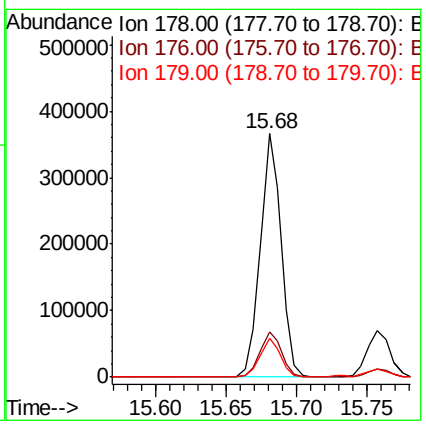


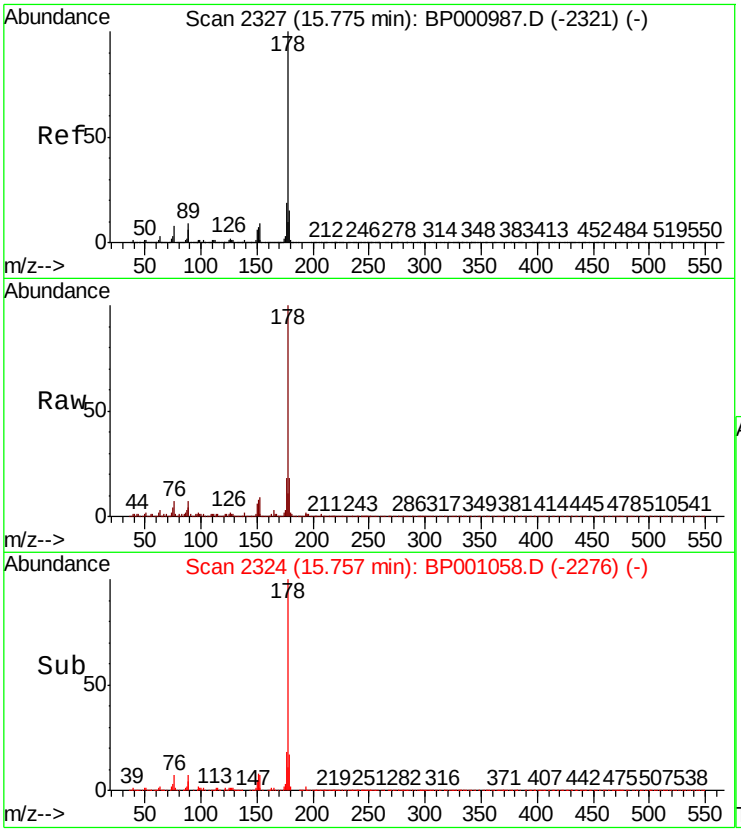


#71
Phenanthrene
Concen: 9.697 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion:178 Resp: 384952

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.9	12.3	18.5



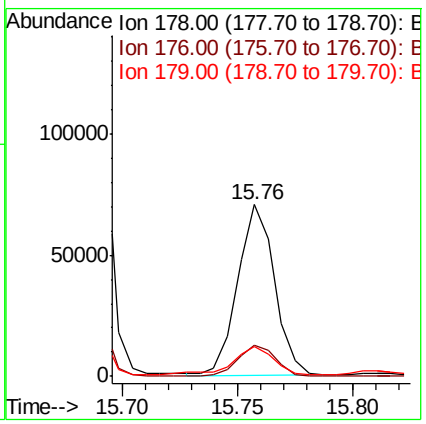


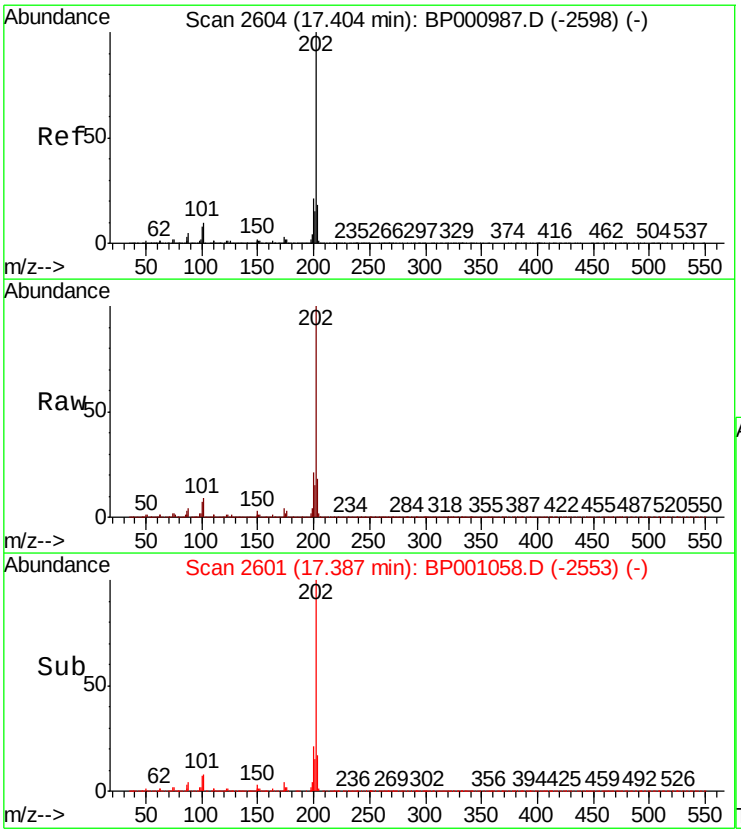
#72
Anthracene
Concen: 2.029 ng
RT: 15.76 min Scan# 2324
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 78571

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	17.7	12.3	18.5

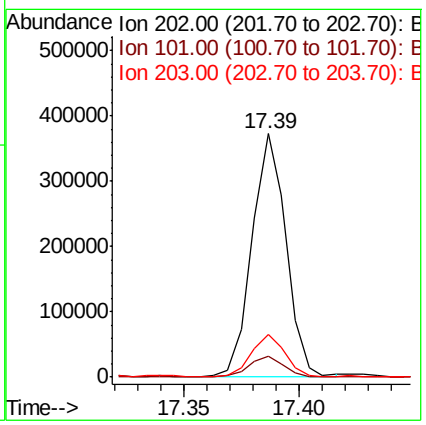


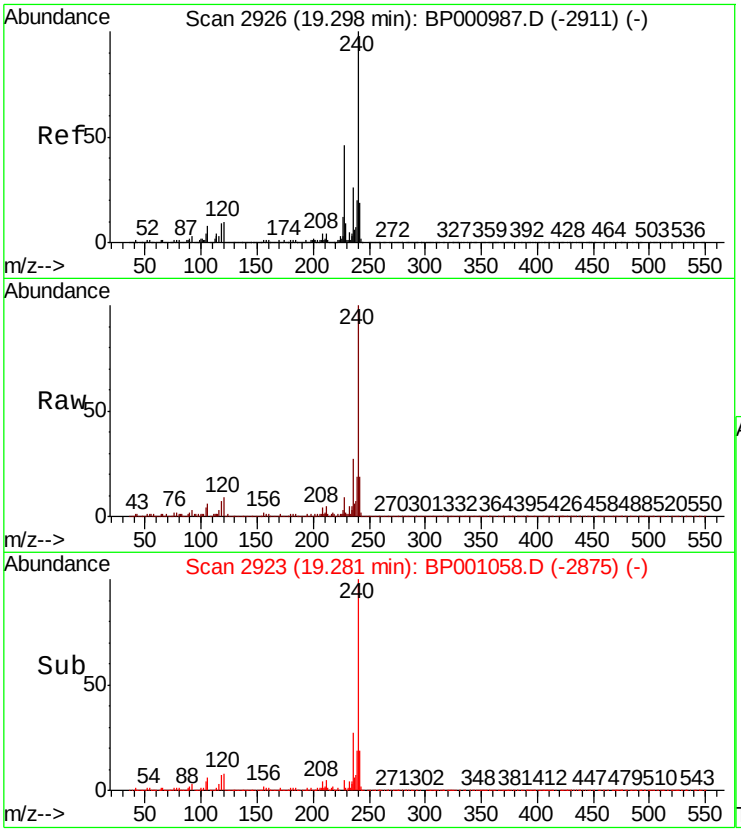


#75
Fluoranthene
Concen: 8.506 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion:202 Resp: 381672

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	30.1
203	17.5	0.0	37.7



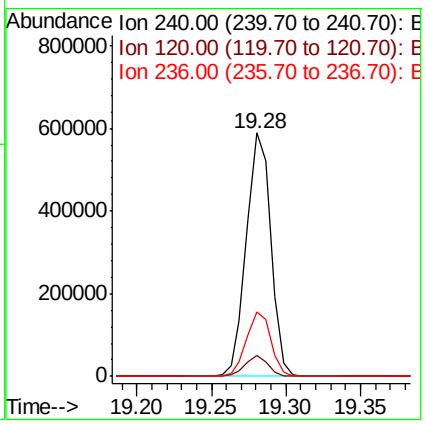


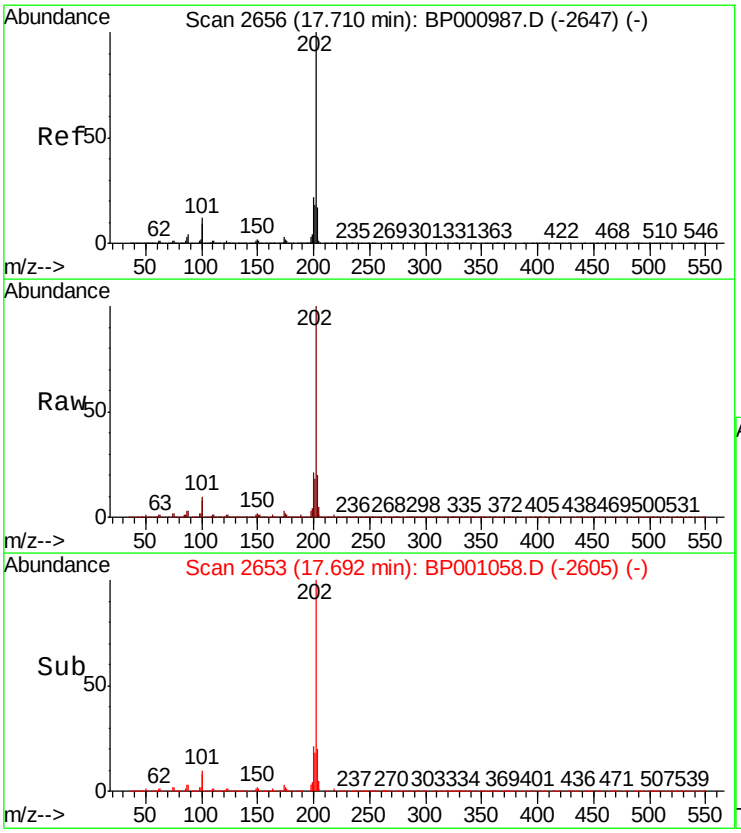
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.28 min Scan# 2923
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 664630

Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.2	12.2
236	26.6	20.5	30.7

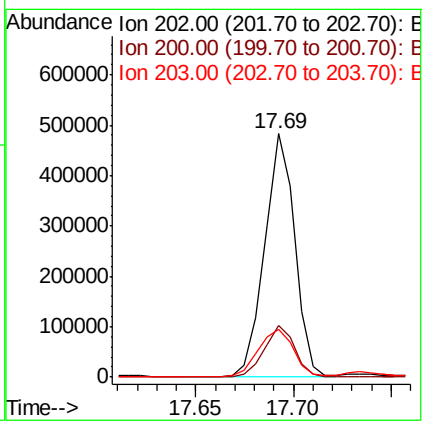


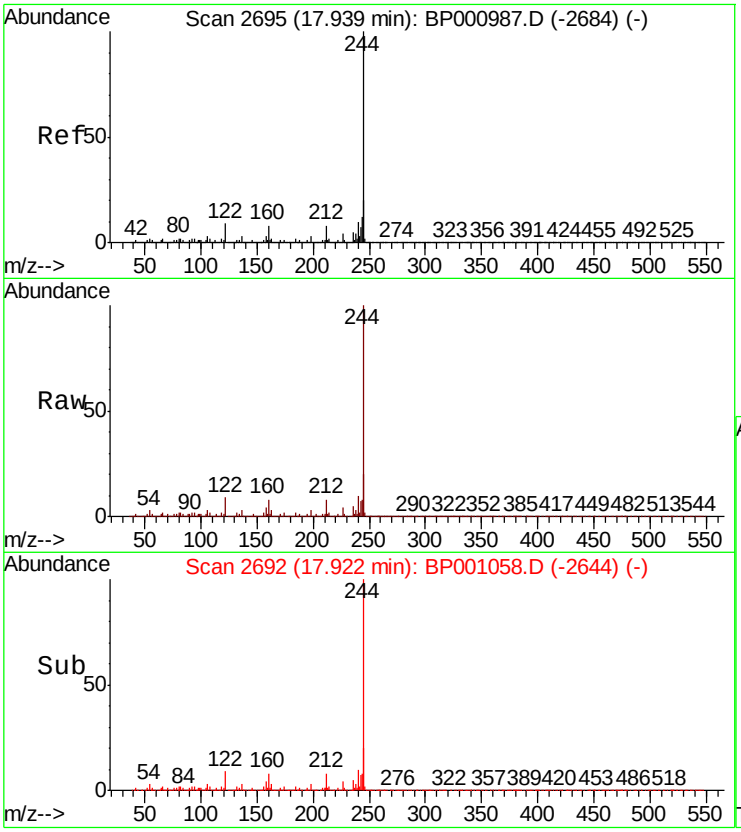


#78
Pyrene
Concen: 11.030 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion:202 Resp: 518056

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	19.6	14.0	21.0



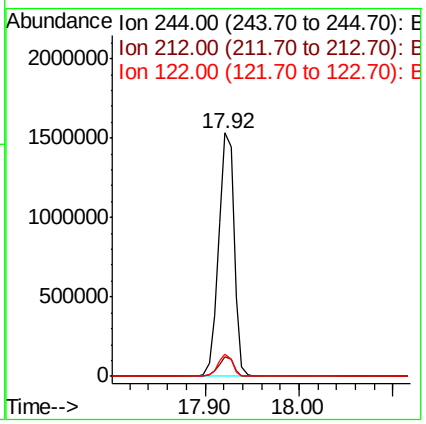


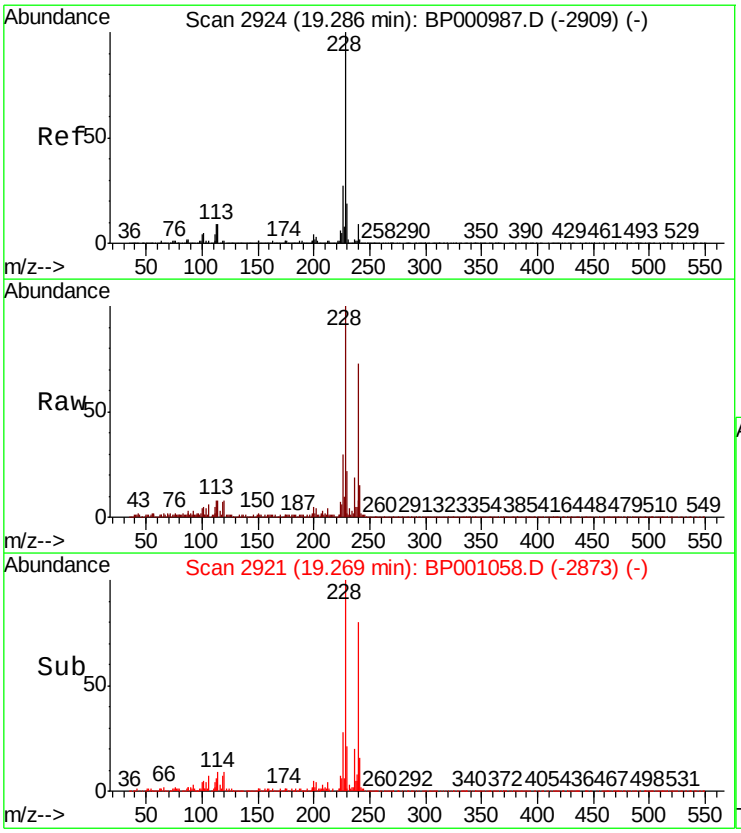
#79
Terphenyl-d14
Concen: 52.673 ng
RT: 17.92 min Scan# 2692
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 1759944

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	9.2	7.4	11.2

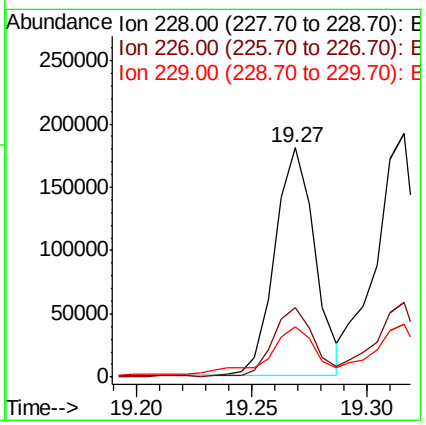


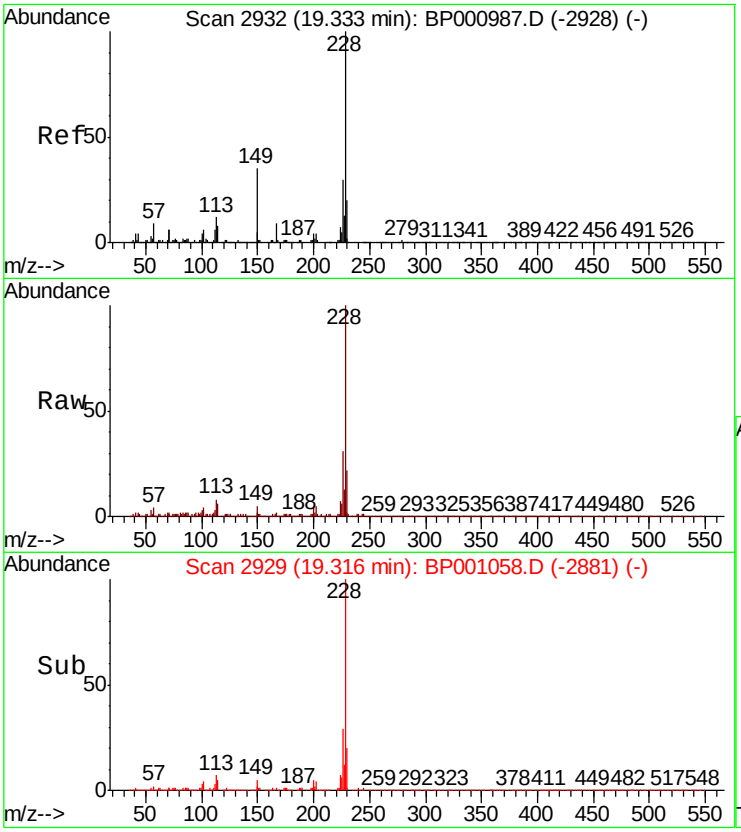


#81
Benzo(a)anthracene
Concen: 4.861 ng
RT: 19.27 min Scan# 2921
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion:228 Resp: 217595

Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.8	32.8
229	22.2	15.6	23.4



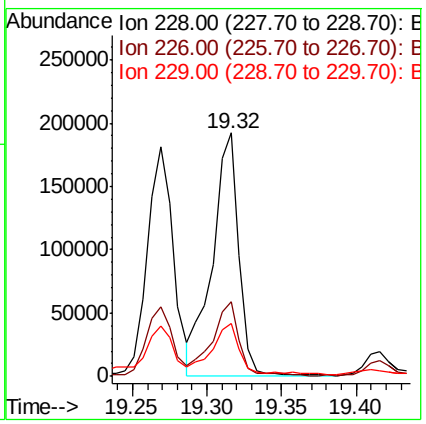


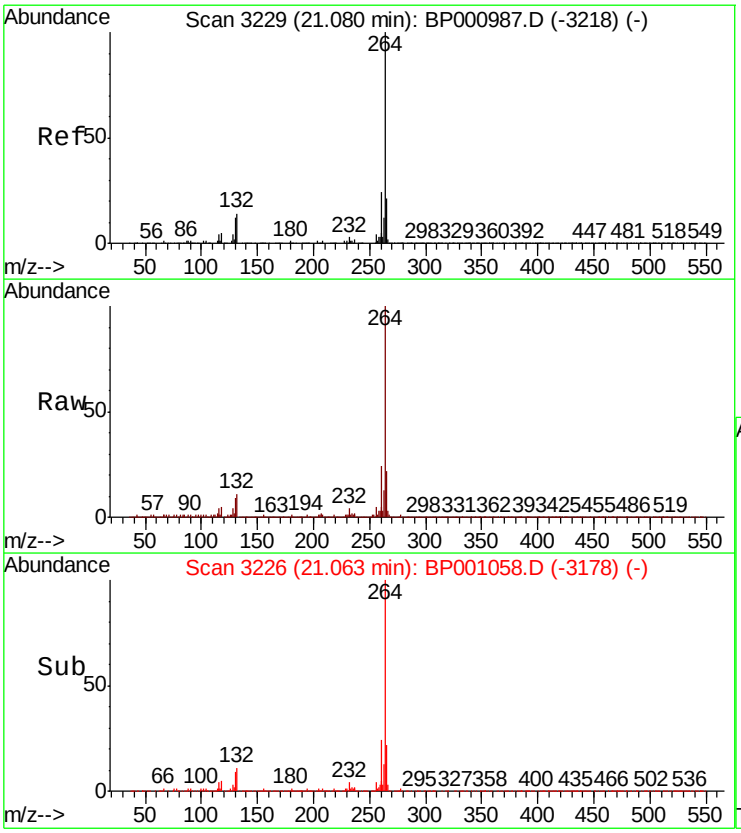
#83
Chrysene
Concen: 6.028 ng
RT: 19.32 min Scan# 2929
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 236894

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	21.7	15.8	23.6

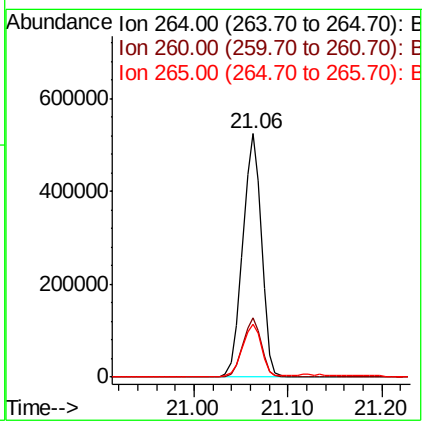


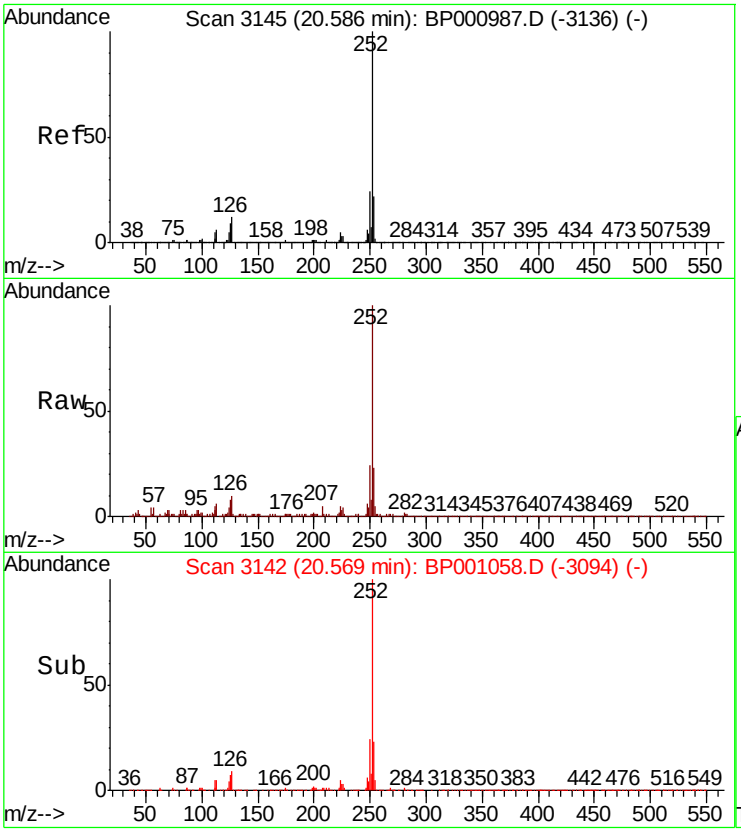


#87
Perylene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3226
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion:264 Resp: 726914

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	21.7	17.1	25.7



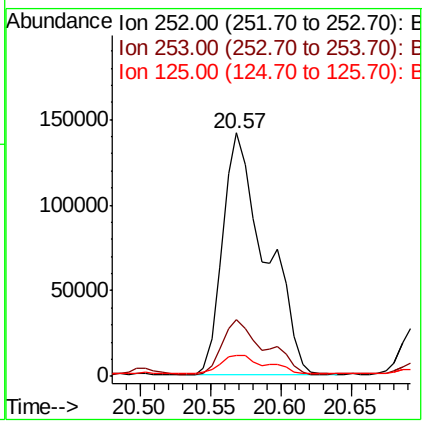


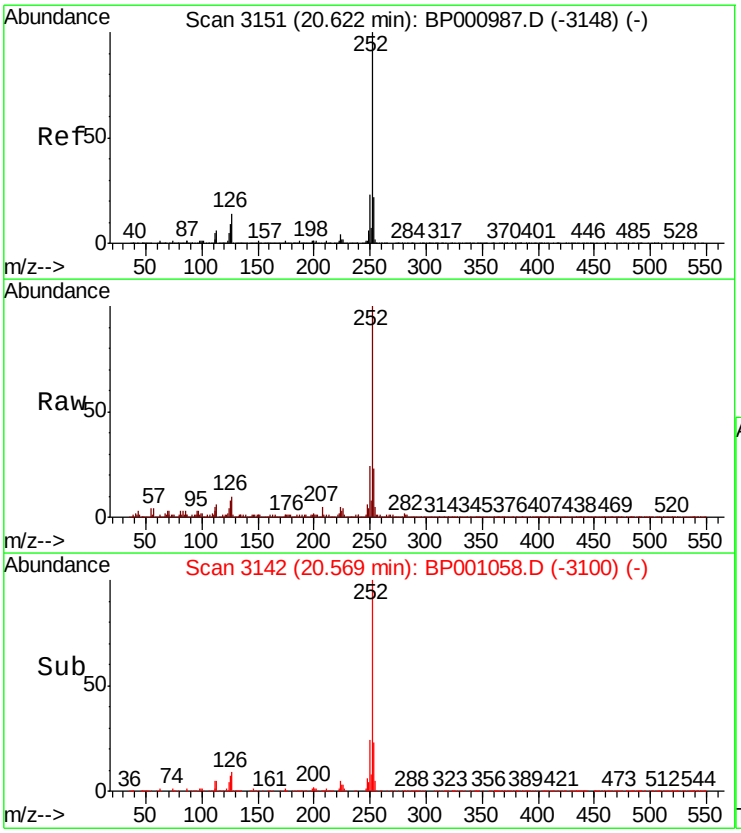
#88
Benzo(b)fluoranthene
Concen: 6.948 ng
RT: 20.57 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 301061

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	8.4	7.3	10.9

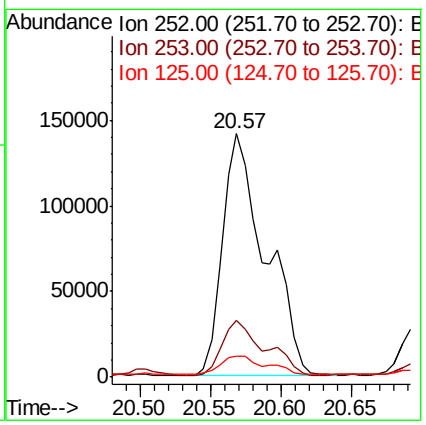


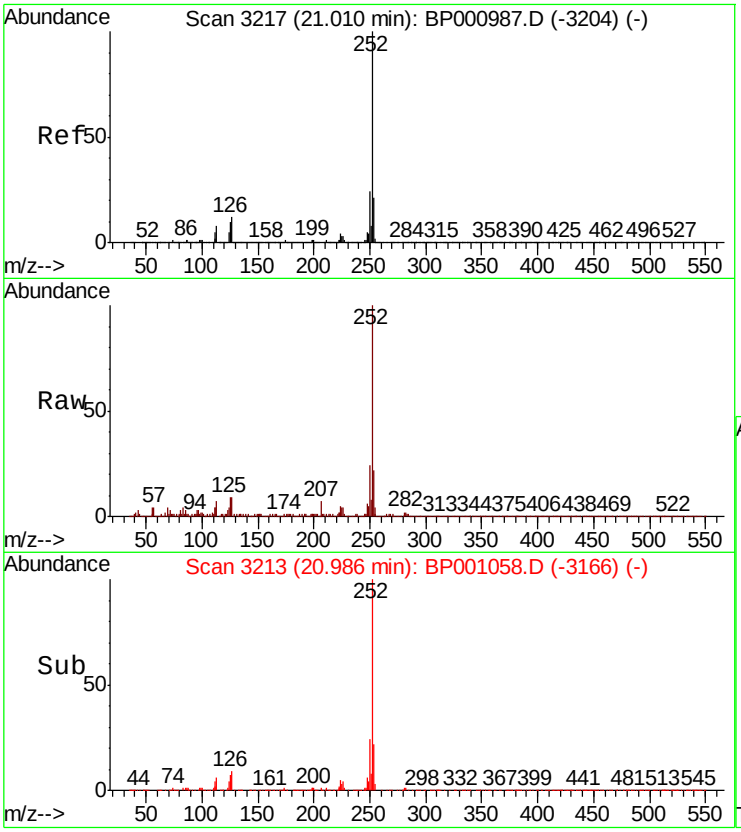


#89
Benzo(k)fluoranthene
Concen: 7.381 ng
RT: 20.57 min Scan# 3142
Delta R.T. -0.05 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion:252 Resp: 301061

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	8.4	7.3	10.9



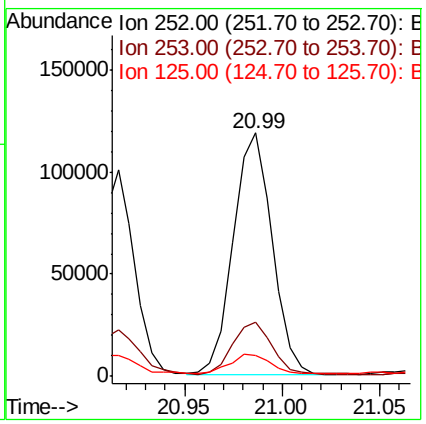


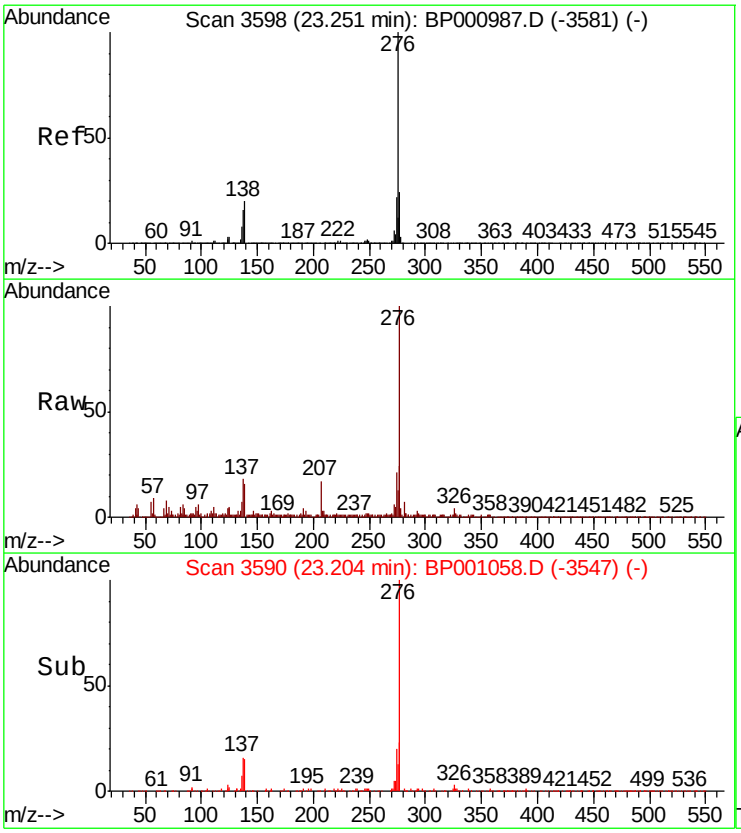
#90
Benzo(a)pyrene
Concen: 4.096 ng
RT: 20.99 min Scan# 3213
Delta R.T. -0.02 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 163192

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	8.6	7.6	11.4





#92
Benzo(g,h,i)perylene
Concen: 2.337 ng
RT: 23.20 min Scan# 3590
Delta R.T. -0.05 min
Lab File: BP001058.D
Acq: 16 Nov 2019 00:26

Tgt Ion:276 Resp: 95695

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	15.8	15.7	23.5