Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
Data File : BP003010.D
Acq On : 17 Aug 2020 19:27
Operator : CG/JU
Sample : L3691-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S708-N-SO-0-0.5-081320

Quant Time: Aug 18 01:15:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	392635	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	1317123	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	732473	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	1699599	20.00	ng		0.00
76) Chrysene-d12	21.17	240	1665032	20.00	ng		0.00
86) Perylene-d12	23.42	264	1802846	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1702275	66.35	ng		0.00
7) Phenol-d6	6.86	99	1994632	56.00	ng		0.00
23) Nitrobenzene-d5	8.83	82	1162876	47.82	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	680994	74.80	ng		0.00
45) 2-Fluorobiphenyl	12.95	172	2401619	44.80	ng		0.00
79) Terphenyl-d14	19.65	244	2831996	34.05	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.89	94	81202	2.264	ng		94
26) 2-Nitrophenol	9.57	139	26	4.523	ng	#	1
32) Benzoic acid	9.85	122	283	7.705	ng		86
48) 2-Nitroaniline	13.38	65	96	3.979	ng	#	15
50) Dimethylphthalate	13.78	163	540274	9.431	ng		100
51) 2,6-Dinitrotoluene	13.88	165	326	2.923	ng	#	69
53) 3-Nitroaniline	14.22	138	86	3.279	ng	#	75
54) 2,4-Dinitrophenol	14.42	184	11	8.059	ng	#	1
57) 2,4-Dinitrotoluene	14.72	165	258	3.820	ng	#	1
62) 4-Nitroaniline	15.37	138	630	2.461	ng	#	46
65) 4,6-Dinitro-2-methylphenol	15.47	198	14	6.902	ng	#	1
71) Phenanthrene	17.12	178	1064320	10.679	ng		99
75) Fluoranthene	19.09	202	1880191	16.374	ng		98
78) Pyrene	19.45	202	1590243	13.662	ng		98
80) Butylbenzylphthalate	20.33	149	5275	3.162	ng		96
81) Benzo(a)anthracene	21.15	228	833933	7.353	ng		99
83) Chrysene	21.20	228	867049	8.104	ng		97
87) Indeno(1,2,3-cd)pyrene	25.70	276	619859	4.293	ng		95
88) Benzo(b)fluoranthene	22.74	252	1802806	14.170	ng		100
89) Benzo(k)fluoranthene	22.74	252	1802806	14.992	ng		99
90) Benzo(a)pyrene	23.32	252	844698	7.348	ng		99
92) Benzo(g,h,i)perylene	26.39	276	624575	5.256	ng		100

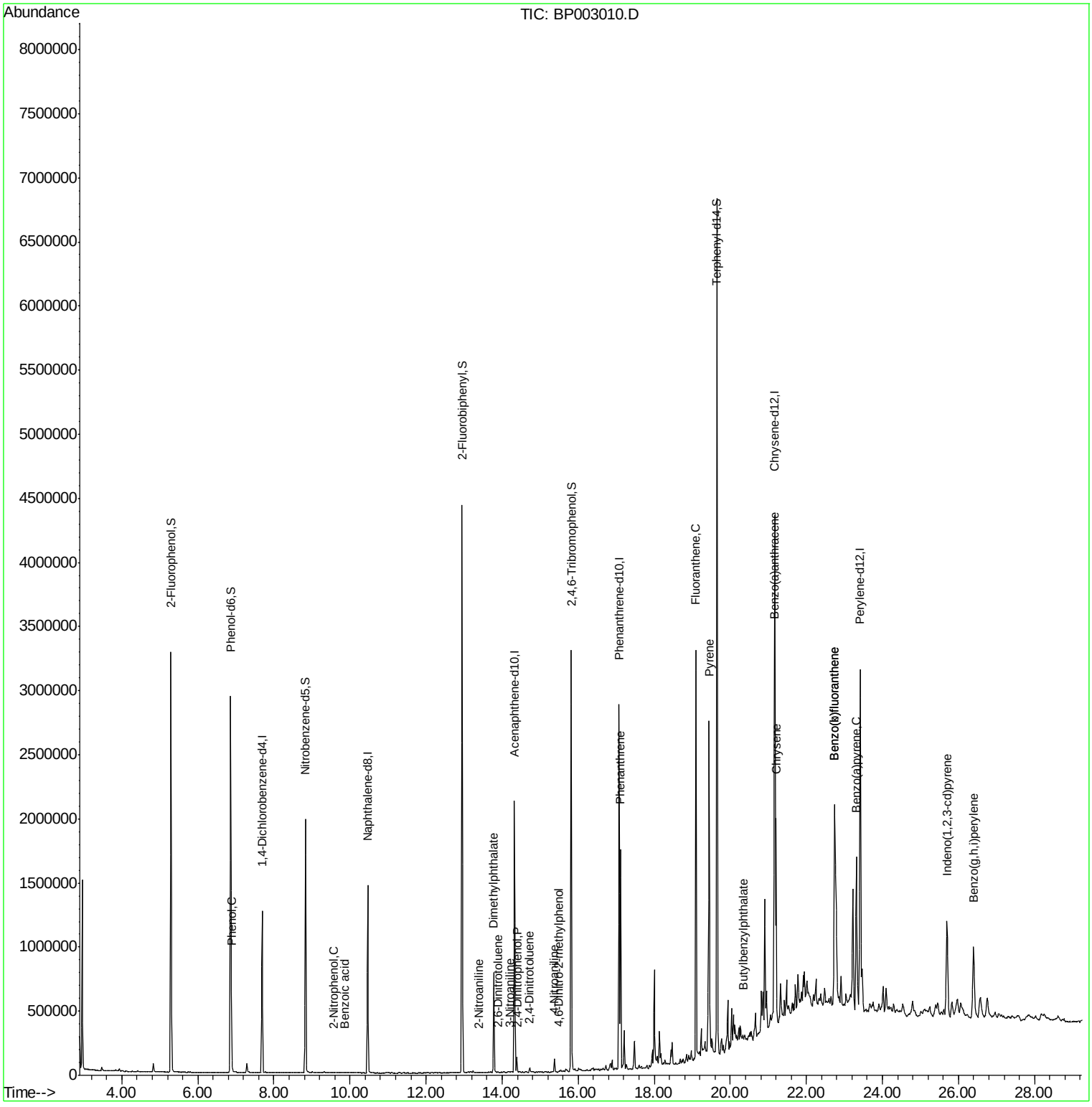
(#) = qualifier out of range (m) = manual integration (+) = signals summed

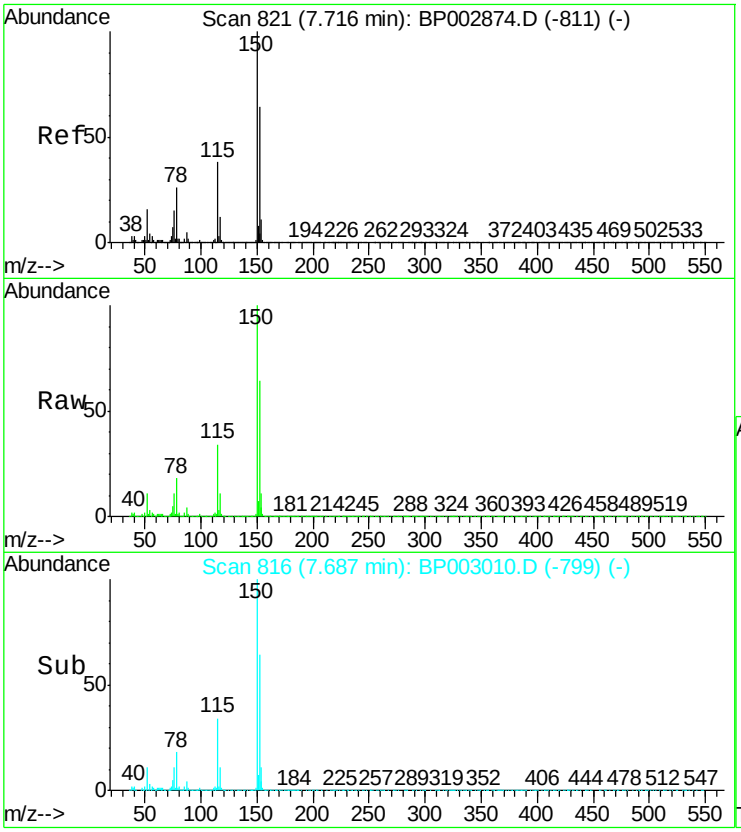
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
Data File : BP003010.D
Acq On : 17 Aug 2020 19:27
Operator : CG/JU
Sample : L3691-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Quant Time: Aug 18 01:15:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration



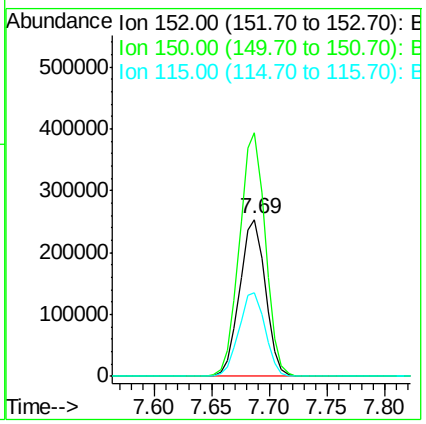


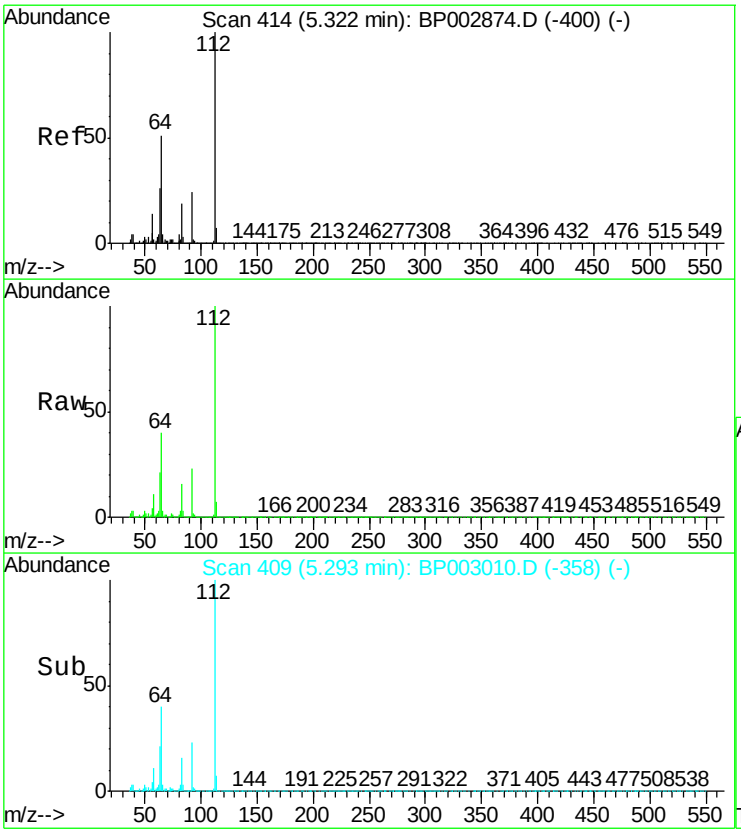
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. 0.00 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tgt Ion:152 Resp: 392635

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.1	189.1
115	53.4	43.4	65.2

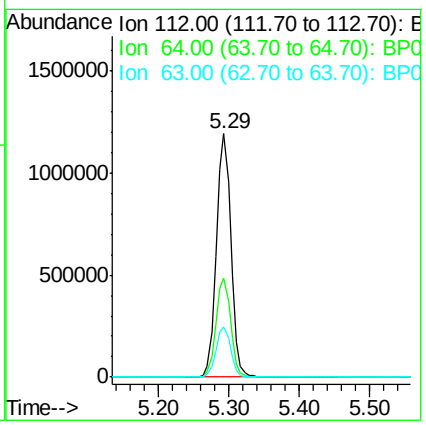


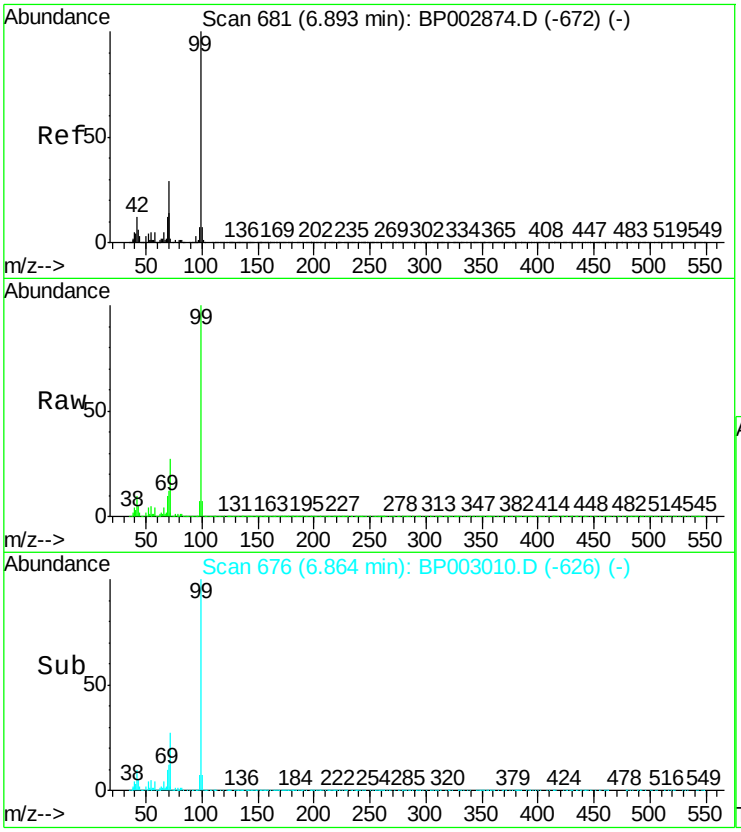


#5
2-Fluorophenol
Concen: 66.355 ng
RT: 5.29 min Scan# 409
Delta R.T. 0.00 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion:112 Resp: 1702275

Ion	Ratio	Lower	Upper
112	100		
64	40.4	33.4	50.2
63	20.5	17.4	26.0



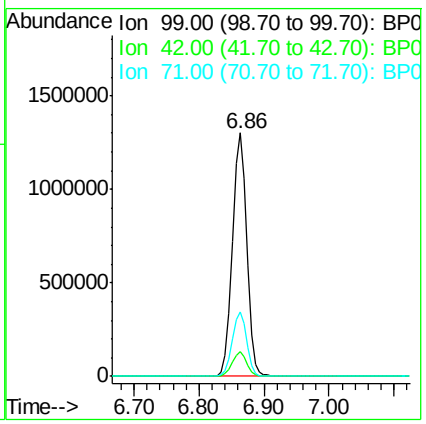


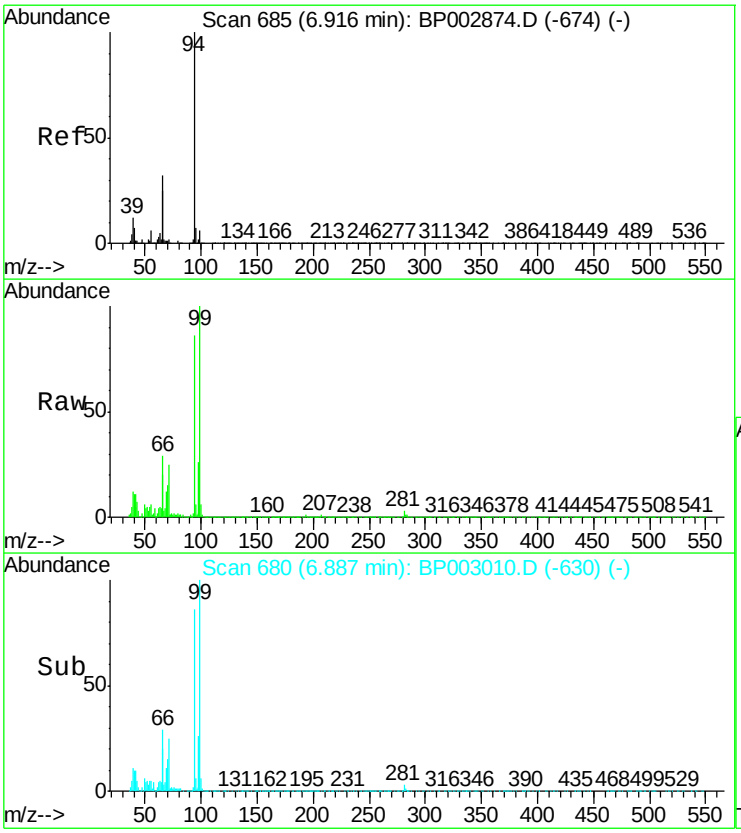
#7
Phenol-d6
Concen: 56.002 ng
RT: 6.86 min Scan# 676
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tgt Ion: 99 Resp: 1994632

Ion	Ratio	Lower	Upper
99	100		
42	9.9	8.0	12.0
71	26.7	21.3	31.9

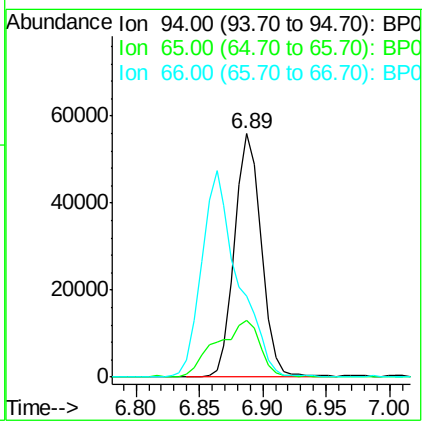


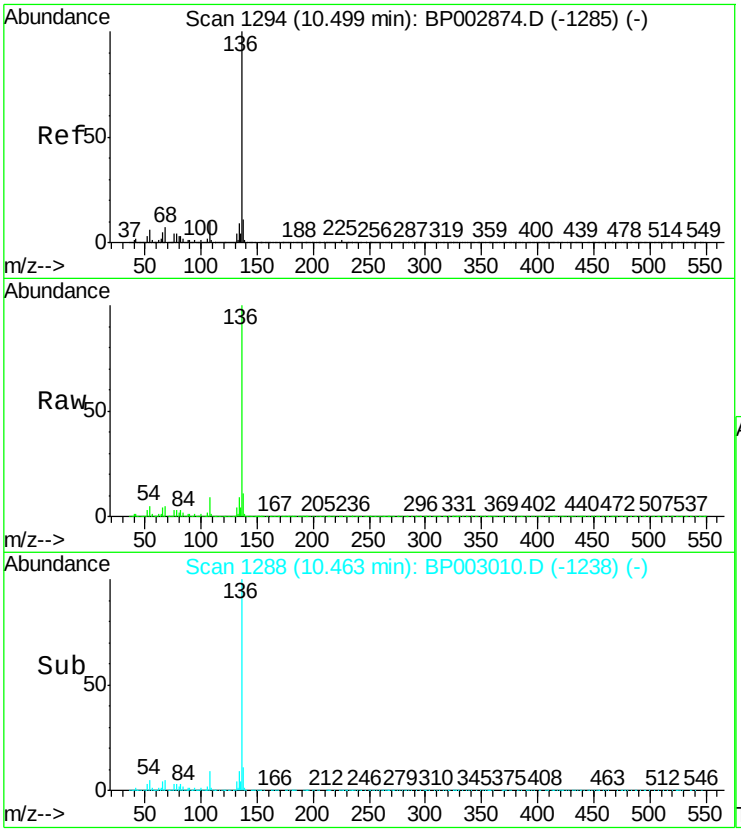


#10
Phenol
Concen: 2.264 ng
RT: 6.89 min Scan# 680
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion: 94 Resp: 81202

Ion	Ratio	Lower	Upper
94	100		
65	23.2	1.7	41.7
66	33.3	8.6	48.6



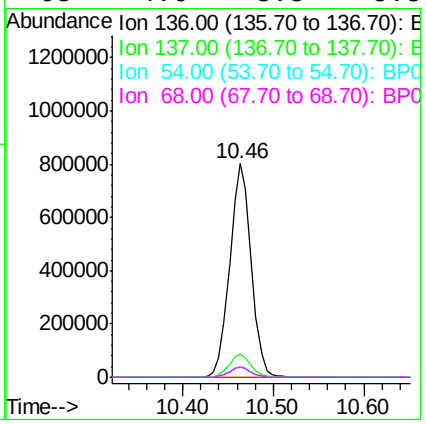


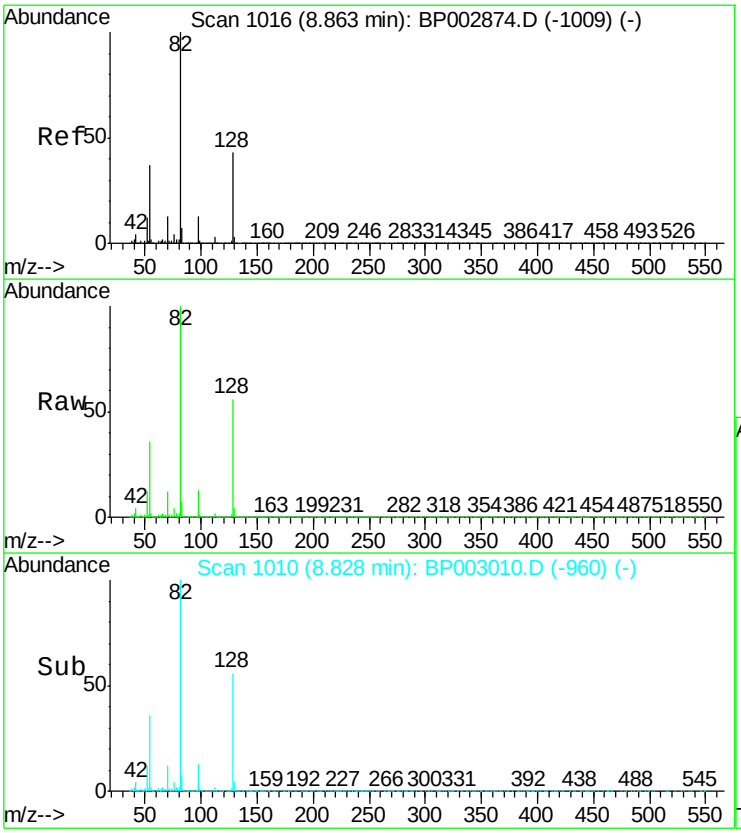
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tgt Ion:136 Resp: 1317123

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	4.8	3.8	5.8
68	4.6	3.8	5.8

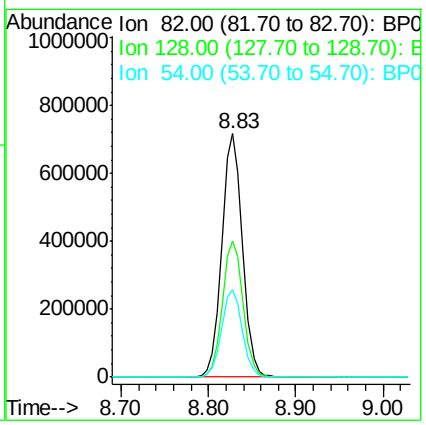


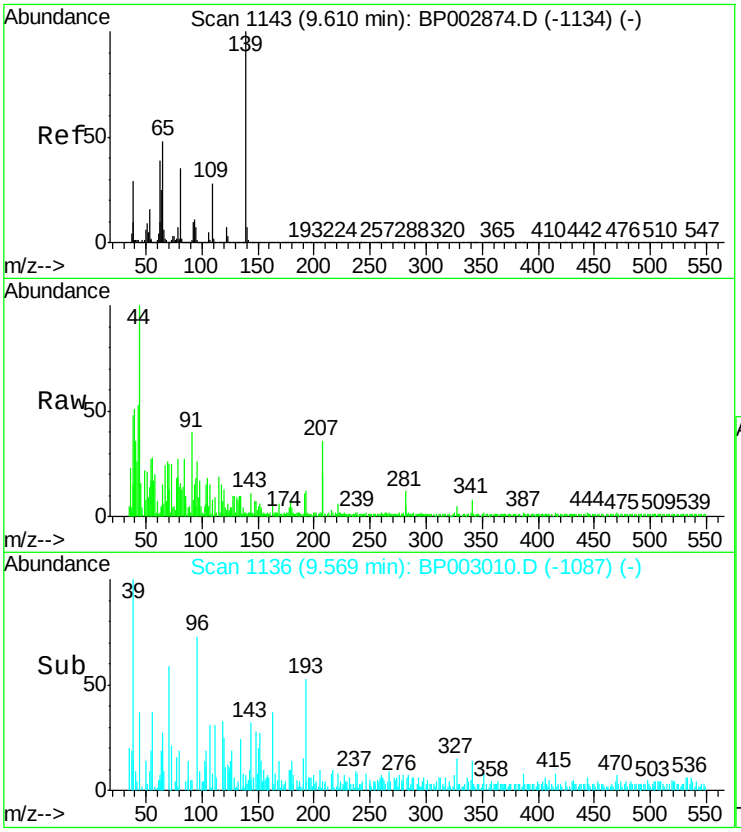


#23
Nitrobenzene-d5
Concen: 47.819 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion: 82 Resp: 1162876

Ion	Ratio	Lower	Upper
82	100		
128	56.2	45.1	67.7
54	35.8	28.8	43.2



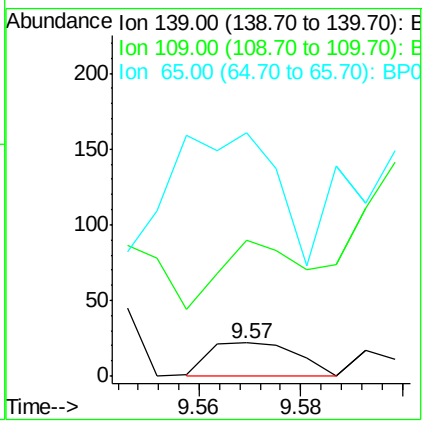


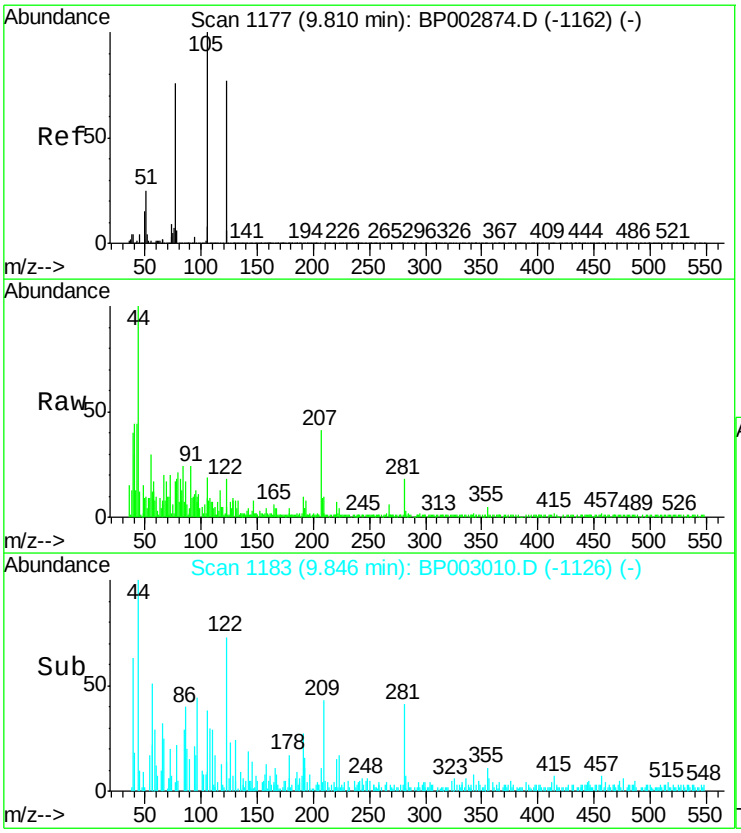
#26
2-Nitrophenol
Concen: 4.523 ng
RT: 9.57 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tgt Ion:139 Resp: 26

Ion	Ratio	Lower	Upper
139	100		
109	409.1	21.0	31.6#
65	731.8	27.2	40.8#

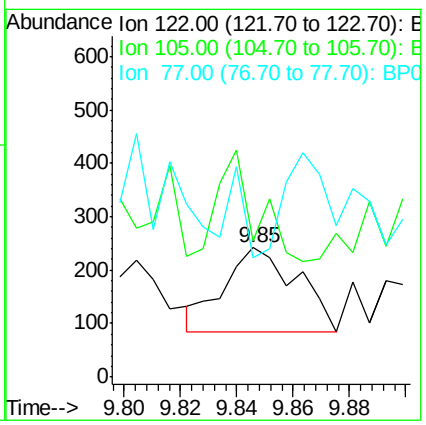


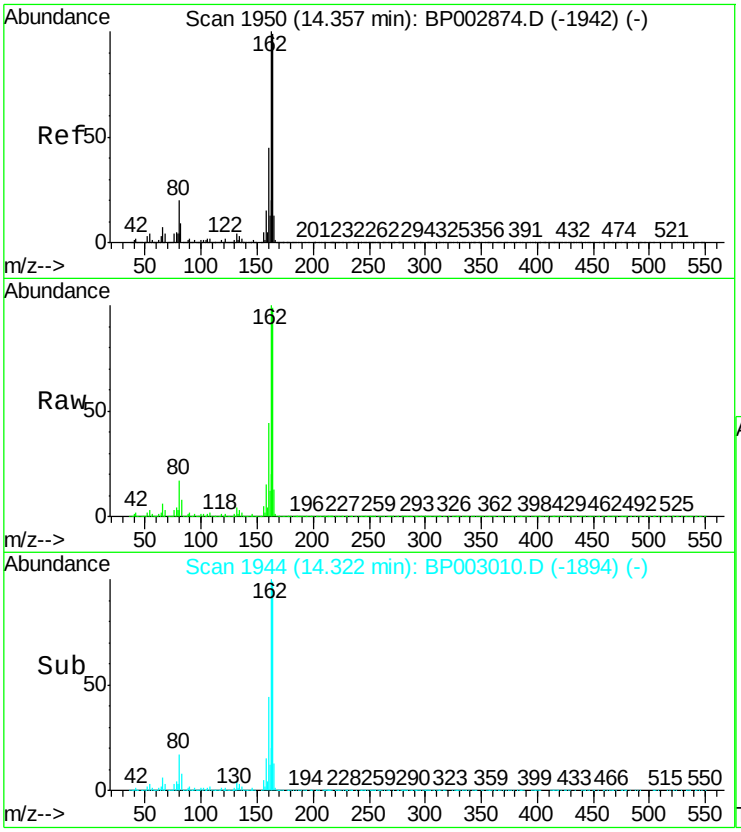


#32
Benzoic acid
Concen: 7.705 ng
RT: 9.85 min Scan# 1183
Delta R.T. 0.04 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion:122 Resp: 283

Ion	Ratio	Lower	Upper
122	100		
105	105.4	96.2	136.2
77	92.1	55.6	95.6



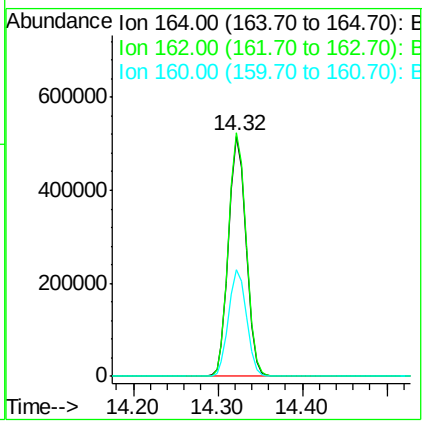


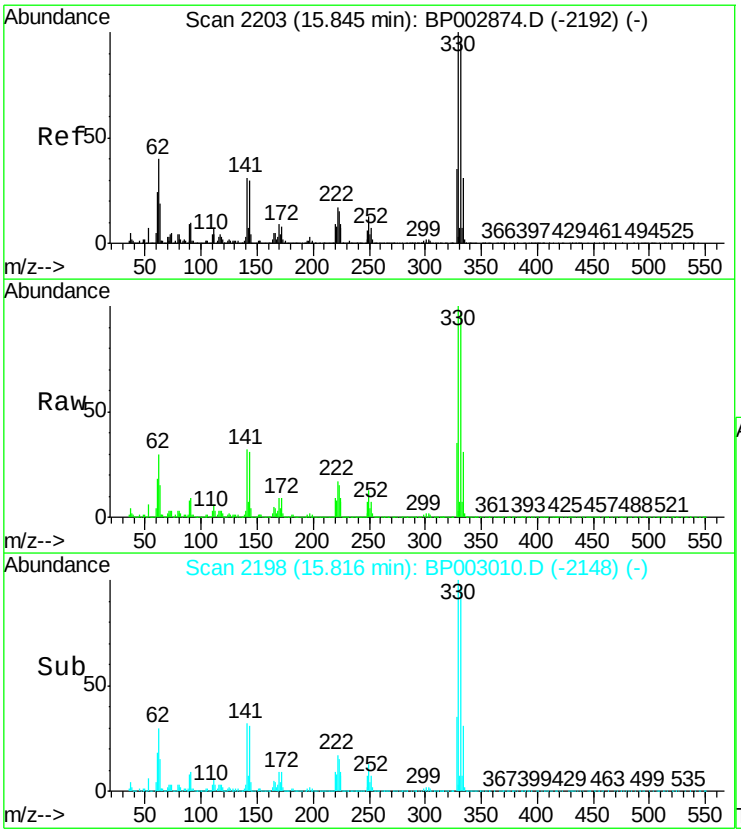
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tgt Ion:164 Resp: 732473

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.0
160	44.5	35.5	53.3

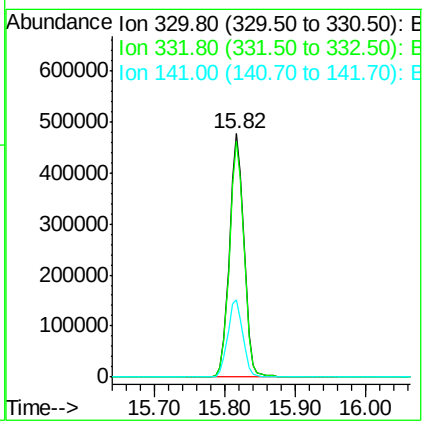


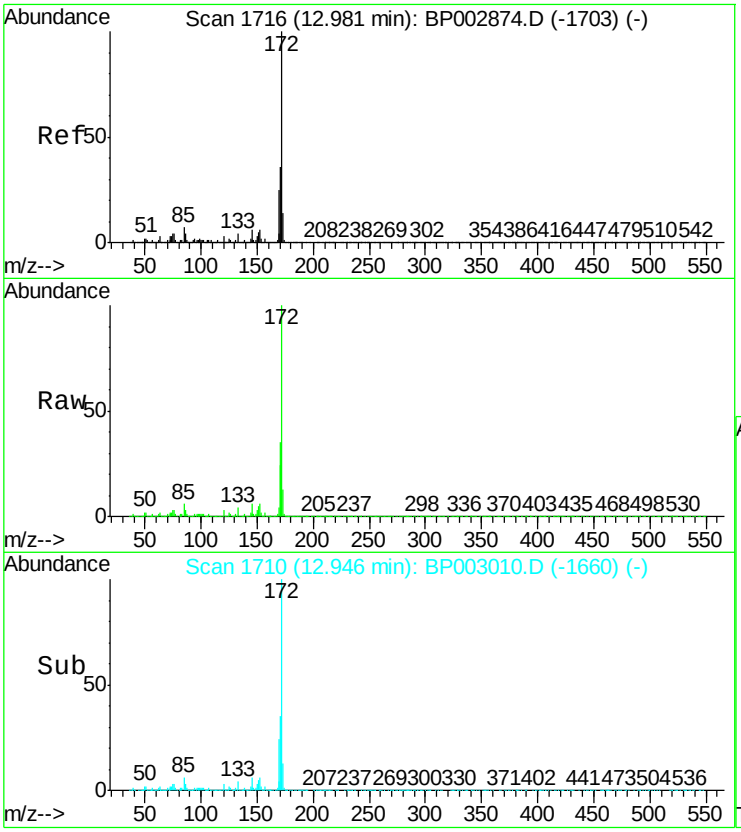


#42
2,4,6-Tribromophenol
Concen: 74.803 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion:330 Resp: 680994

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	33.1	26.7	40.1



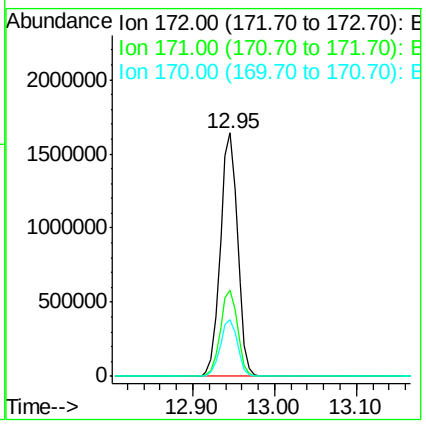


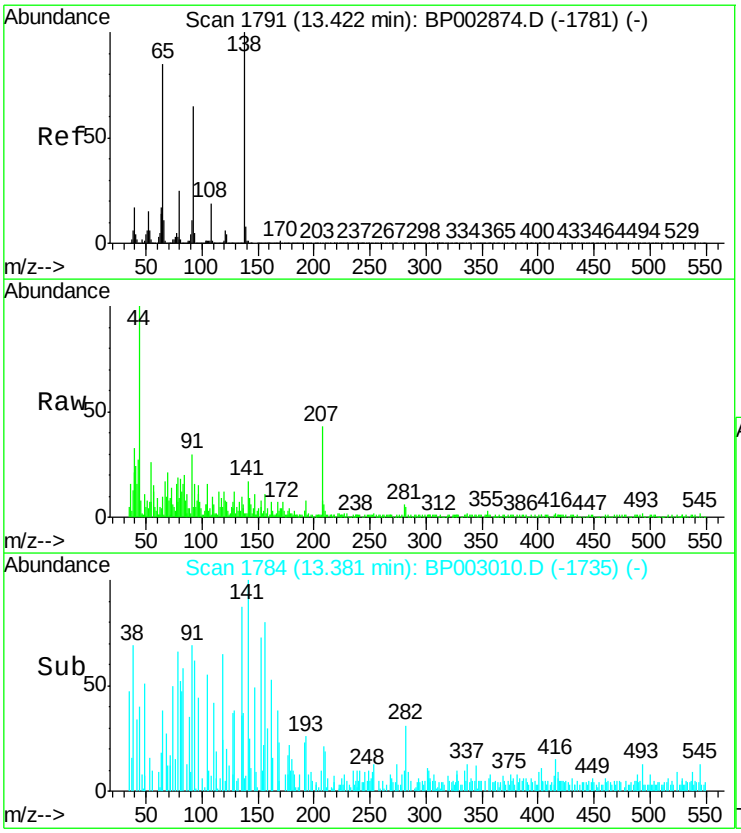
#45
2-Fluorobiphenyl
Concen: 44.798 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tgt Ion:172 Resp: 2401619

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	23.5	19.1	28.7

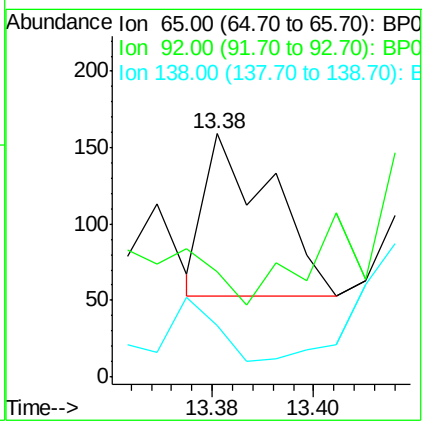


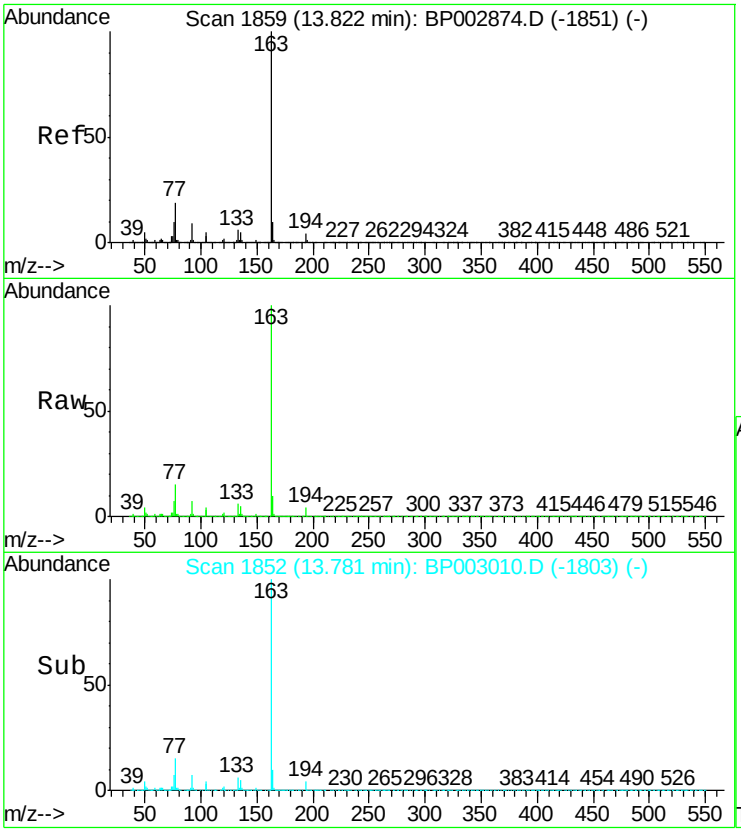


#48
2-Nitroaniline
Concen: 3.979 ng
RT: 13.38 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion: 65 Resp: 96

Ion	Ratio	Lower	Upper
65	100		
92	43.4	70.1	105.1#
138	21.4	129.7	194.5#



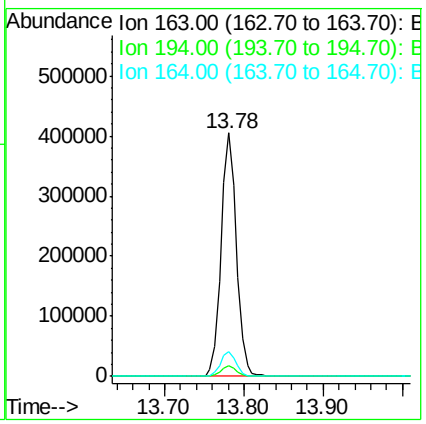


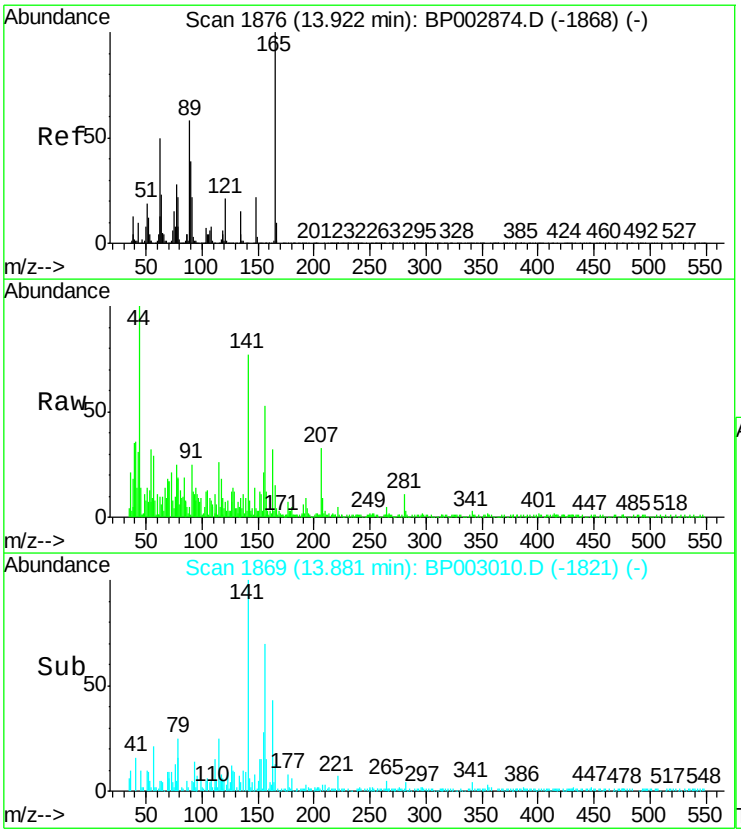
#50
Dimethylphthalate
Concen: 9.431 ng
RT: 13.78 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tgt Ion:163 Resp: 540274

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	8.1	12.1

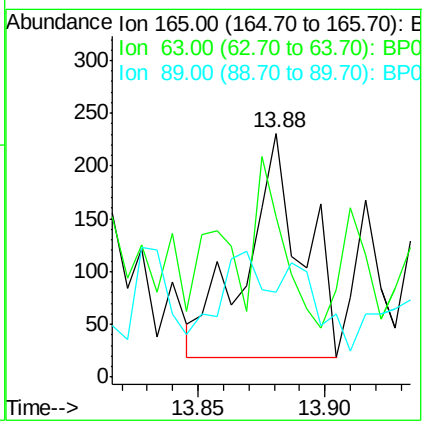


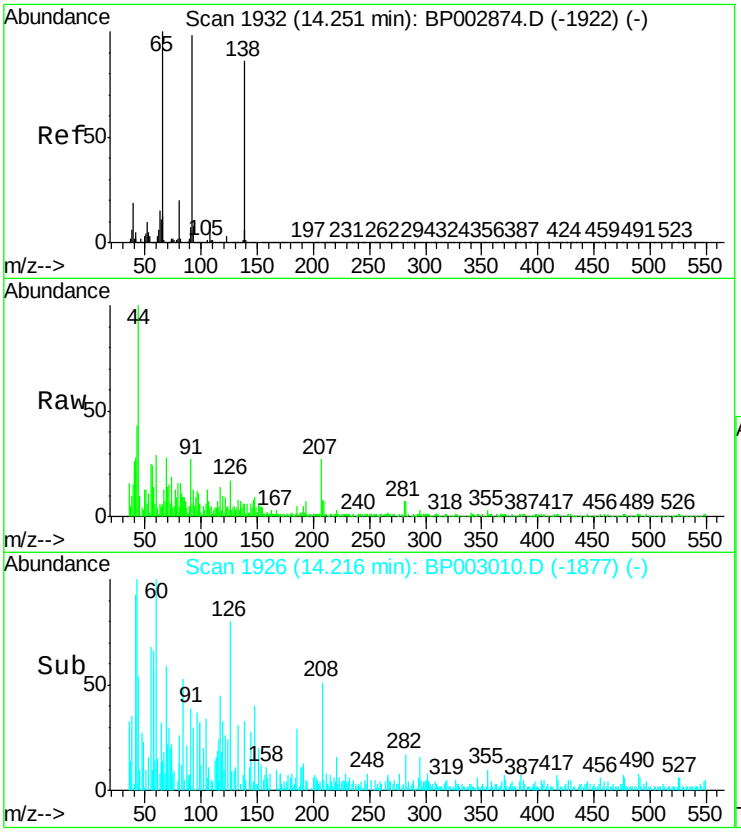


#51
2,6-Dinitrotoluene
Concen: 2.923 ng
RT: 13.88 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion:165 Resp: 326

Ion	Ratio	Lower	Upper
165	100		
63	65.8	28.1	42.1#
89	34.6	34.5	51.7



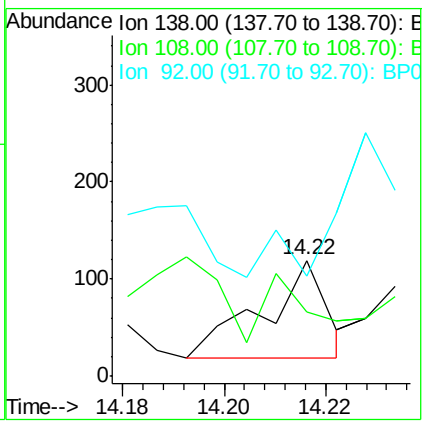


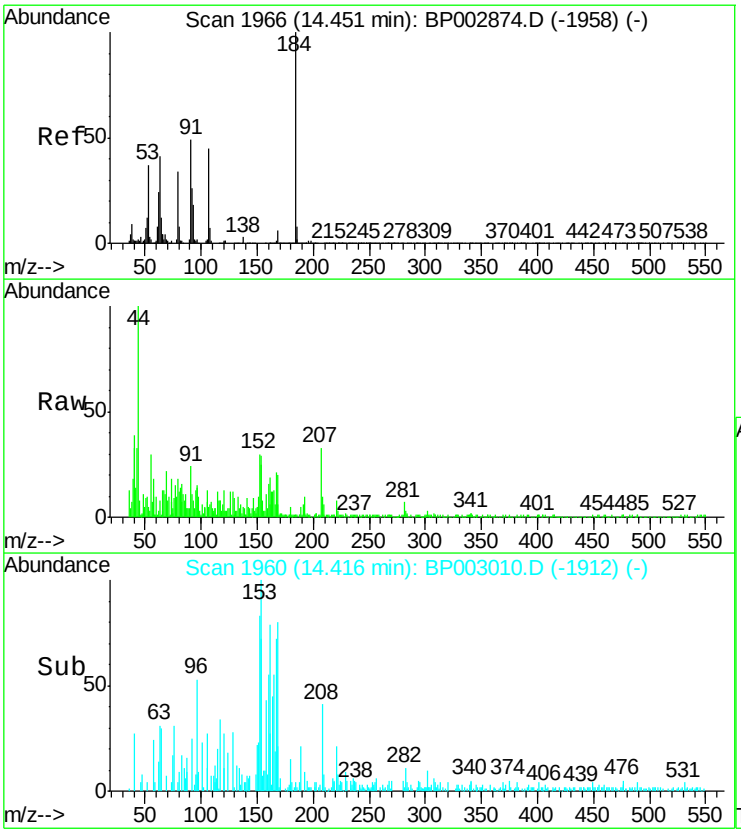
#53
3-Nitroaniline
Concen: 3.279 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tgt Ion:138 Resp: 86

Ion	Ratio	Lower	Upper
138	100		
108	50.8	7.7	11.5#
92	79.2	75.6	113.4

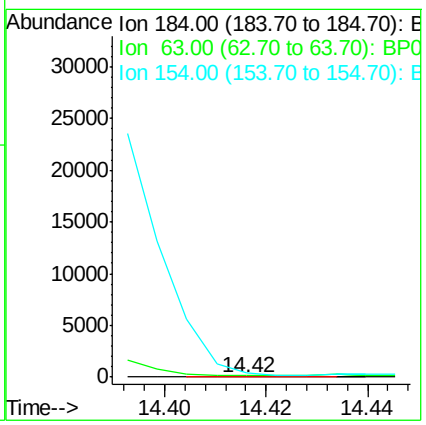


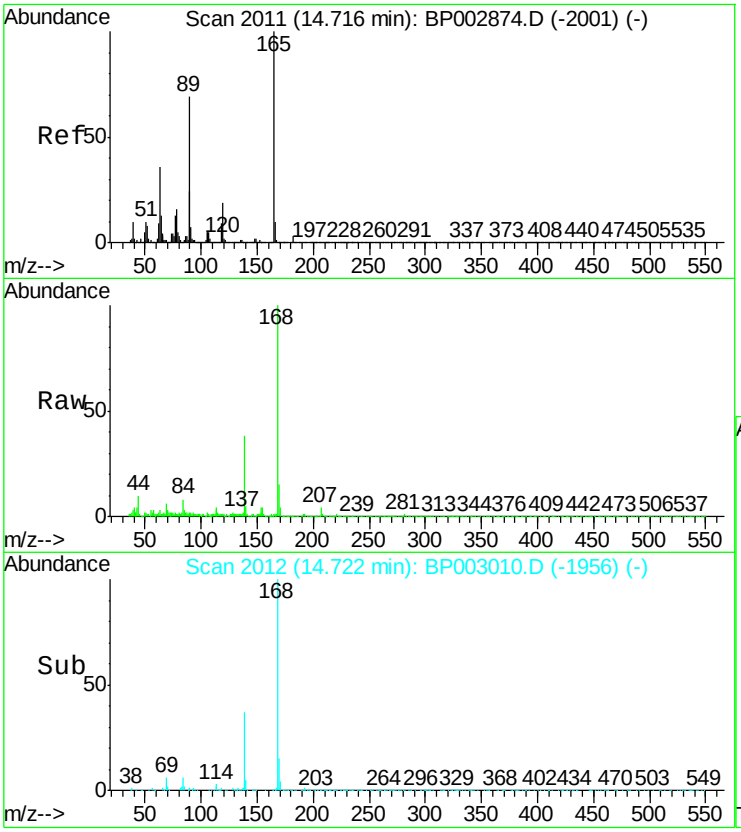


#54
2,4-Dinitrophenol
Concen: 8.059 ng
RT: 14.42 min Scan# 1960
Delta R.T. -0.02 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion:184 Resp: 11

Ion	Ratio	Lower	Upper
184	100		
63	416.1	33.0	49.6#
154	1364.5	46.8	70.2#



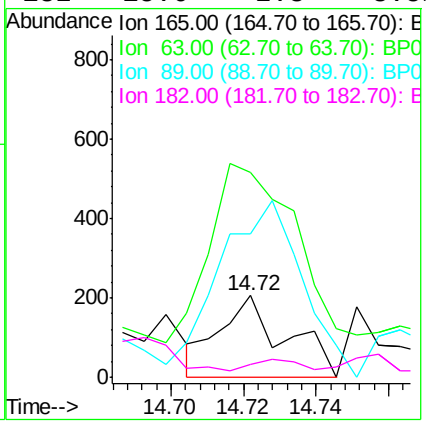


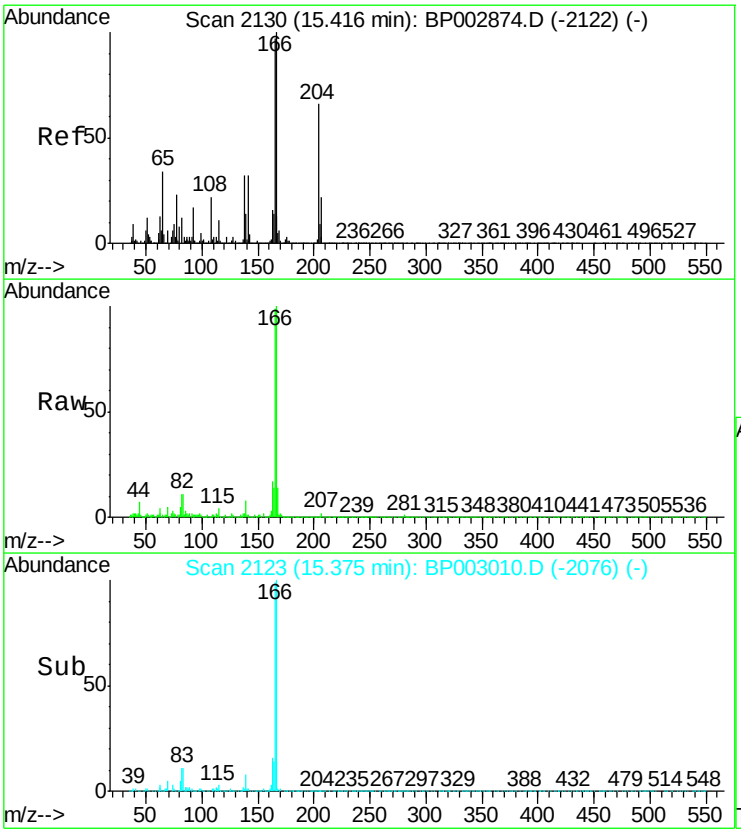
#57
2,4-Dinitrotoluene
Concen: 3.820 ng
RT: 14.72 min Scan# 2012
Delta R.T. 0.03 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tgt Ion:165 Resp: 258

Ion	Ratio	Lower	Upper
165	100		
63	251.7	20.6	31.0#
89	175.6	43.4	65.0#
182	15.6	2.3	3.5#

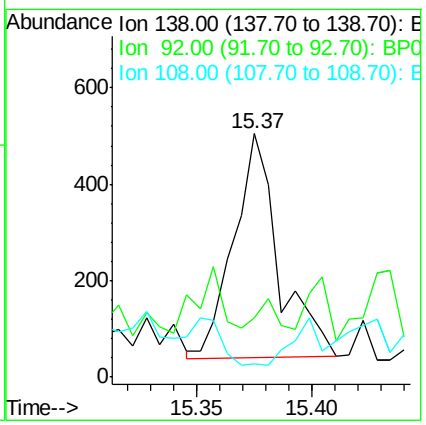


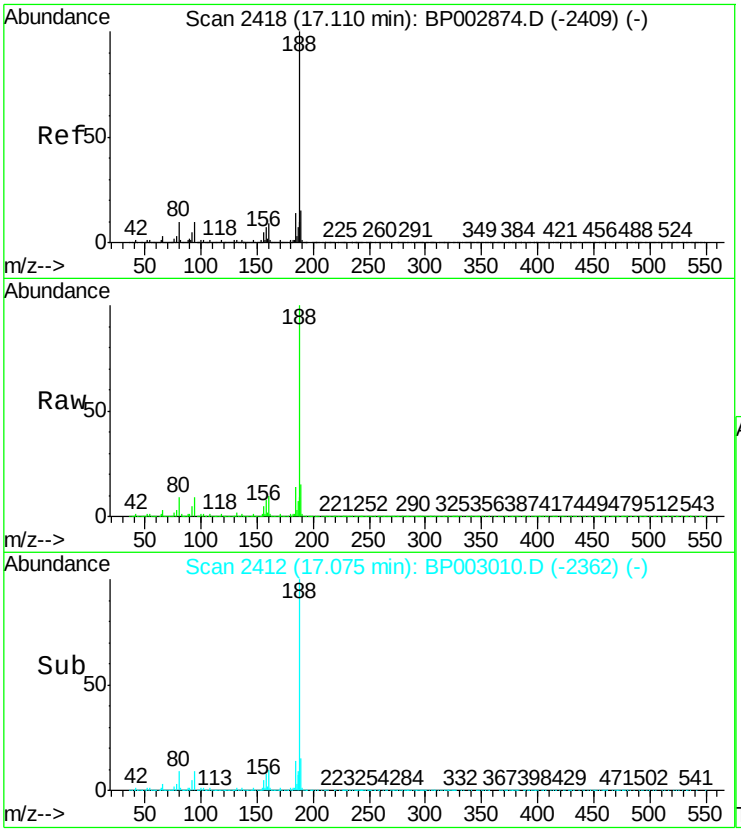


#62
4-Nitroaniline
Concen: 2.461 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion:138 Resp: 630

Ion	Ratio	Lower	Upper
138	100		
92	24.2	21.4	61.4
108	5.5	40.8	80.8#



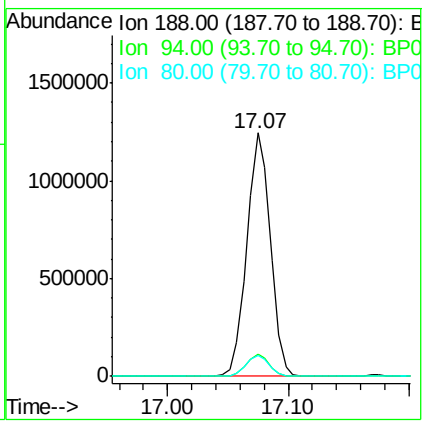


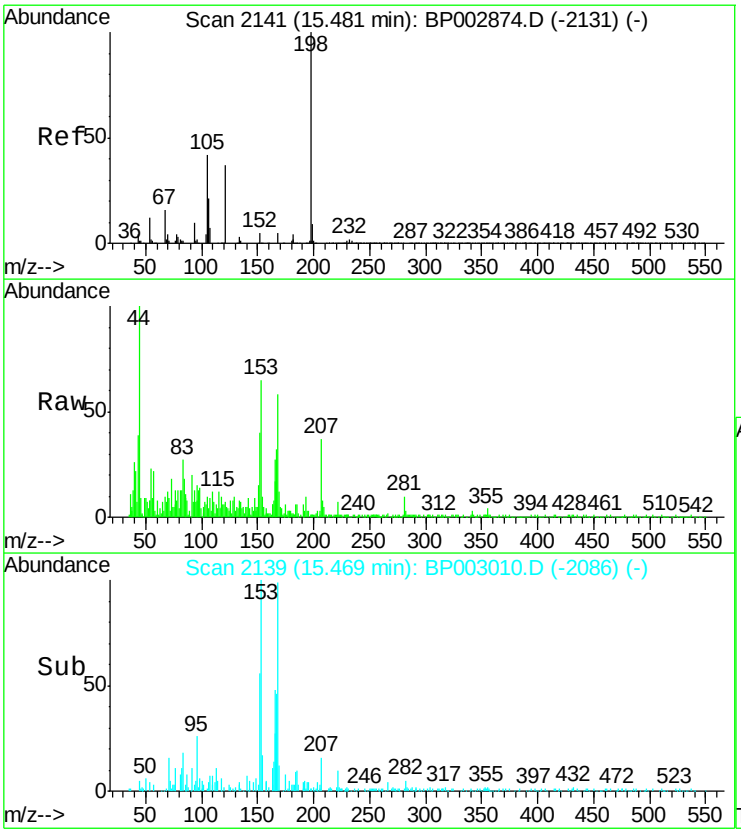
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tgt Ion:188 Resp: 1699599

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	8.6	6.7	10.1

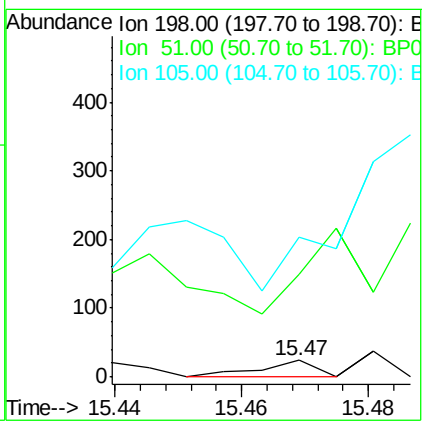


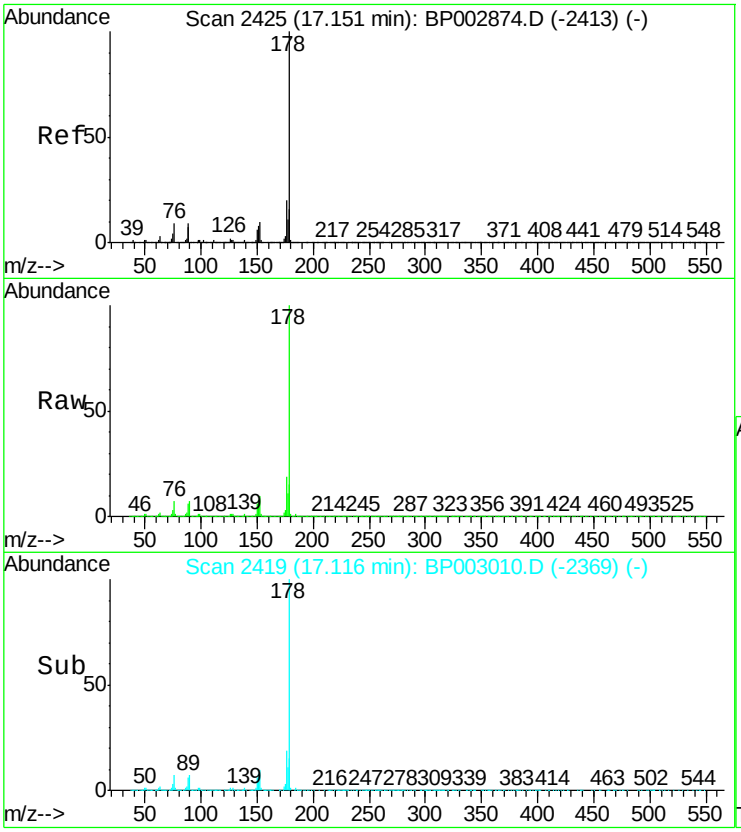


#65
4,6-Dinitro-2-methylphenol
Concen: 6.902 ng
RT: 15.47 min Scan# 2139
Delta R.T. 0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion:198 Resp: 14

Ion	Ratio	Lower	Upper
198	100		
51	620.8	6.2	46.2#
105	845.8	19.9	59.9#



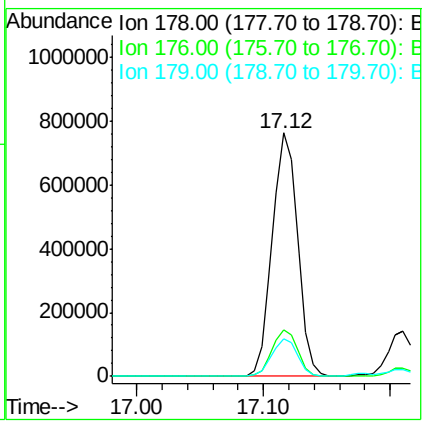


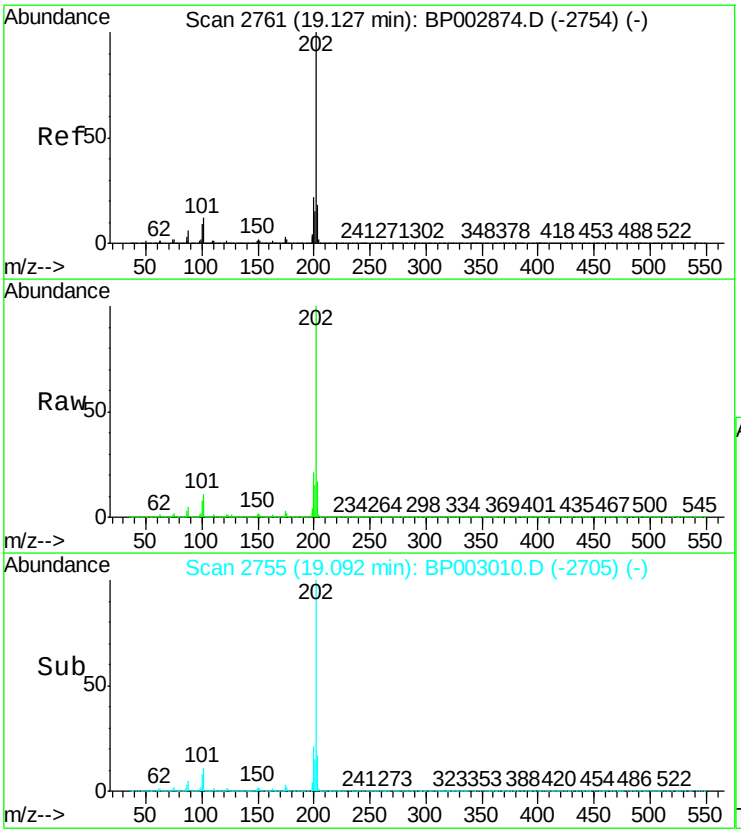
#71
Phenanthrene
Concen: 10.679 ng
RT: 17.12 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tgt Ion:178 Resp: 1064320

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.4	12.9	19.3

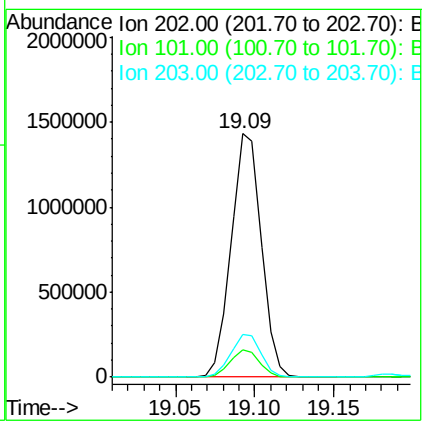


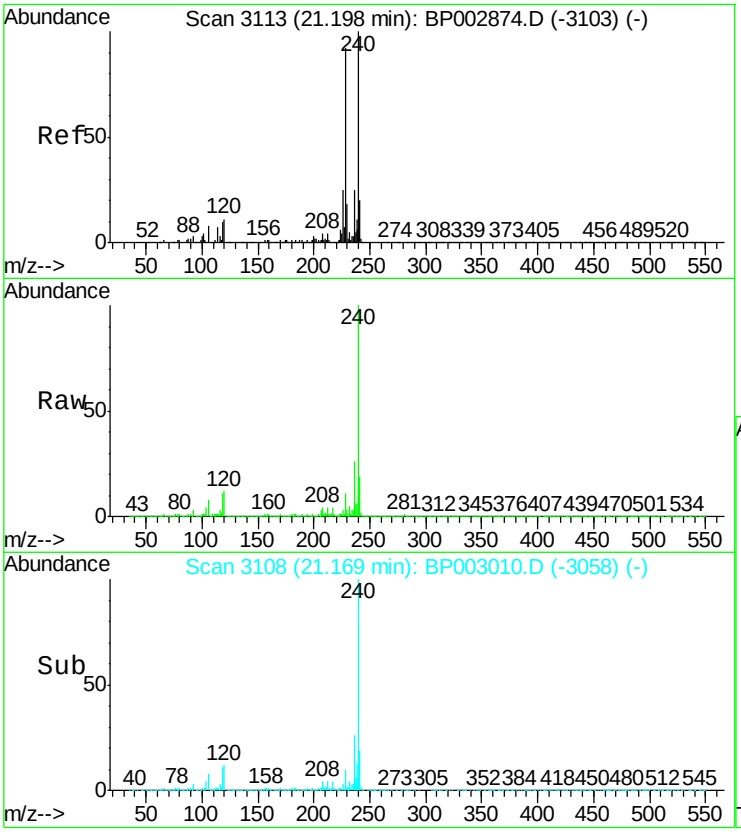


#75
Fluoranthene
Concen: 16.374 ng
RT: 19.09 min Scan# 2755
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion:202 Resp: 1880191

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.2
203	17.5	0.0	38.4



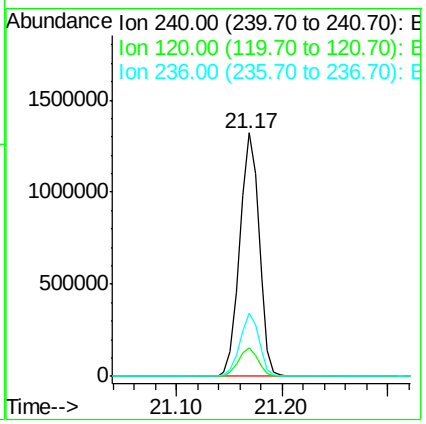


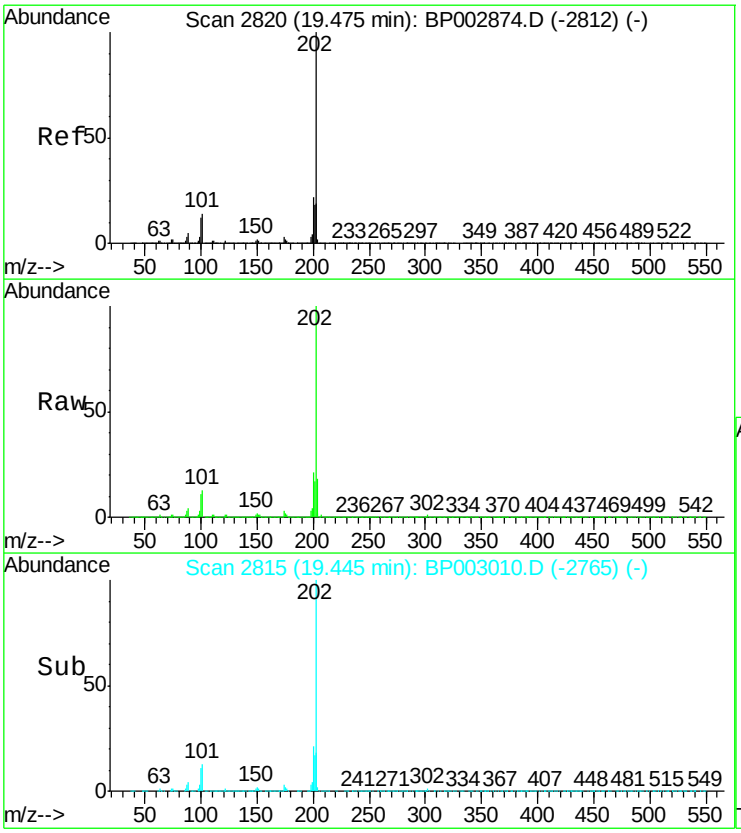
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tgt Ion:240 Resp: 1665032

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	25.8	20.8	31.2

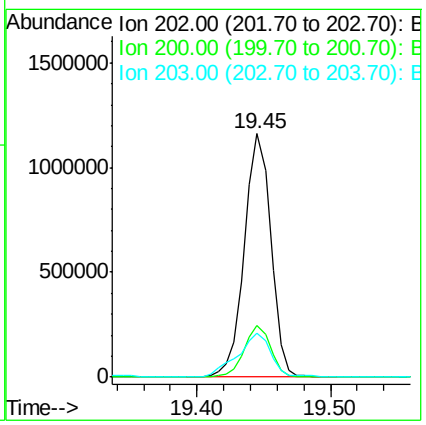


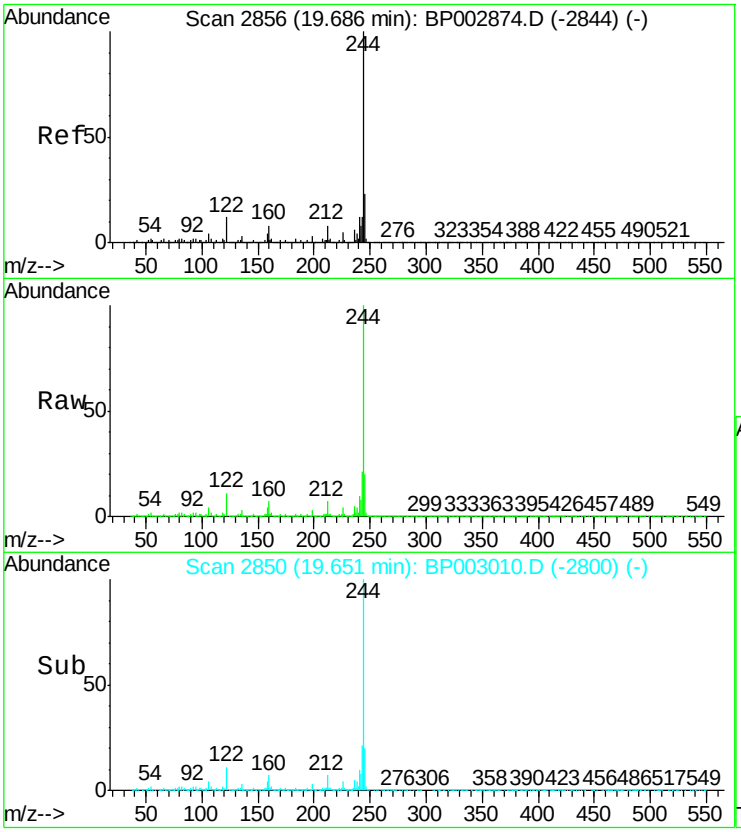


#78
Pyrene
Concen: 13.662 ng
RT: 19.45 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion:202 Resp: 1590243

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	18.1	14.6	22.0



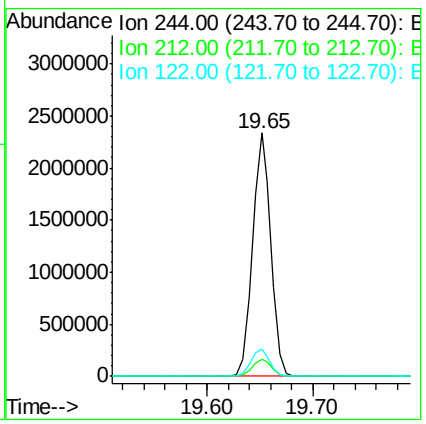


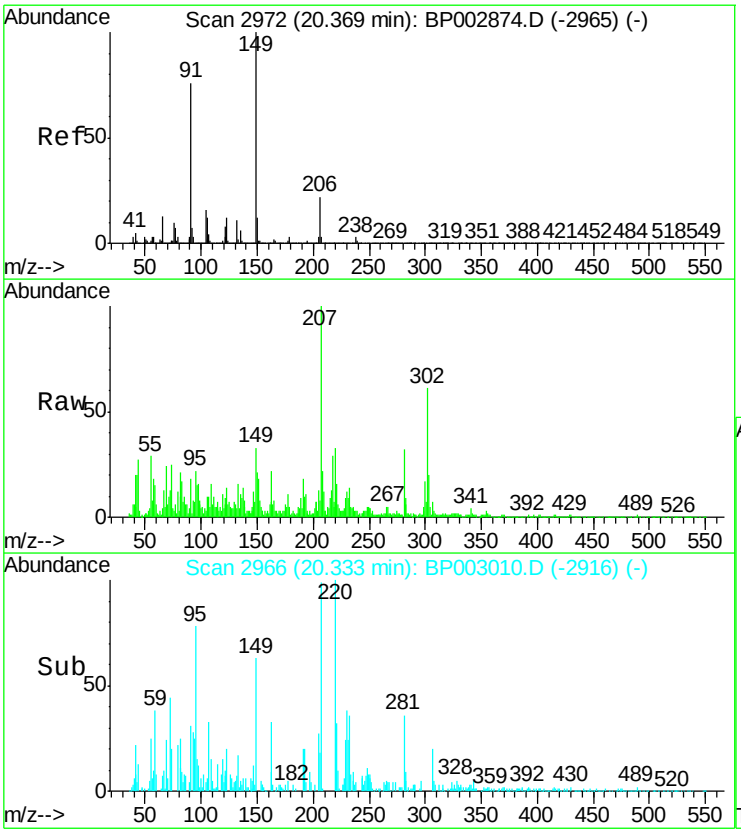
#79
Terphenyl-d14
Concen: 34.051 ng
RT: 19.65 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tgt Ion:244 Resp: 2831996

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.3	9.5
122	11.5	8.7	13.1

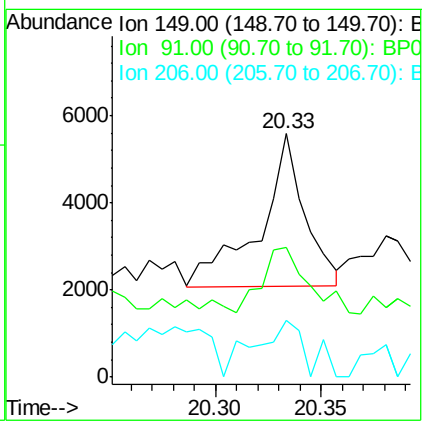


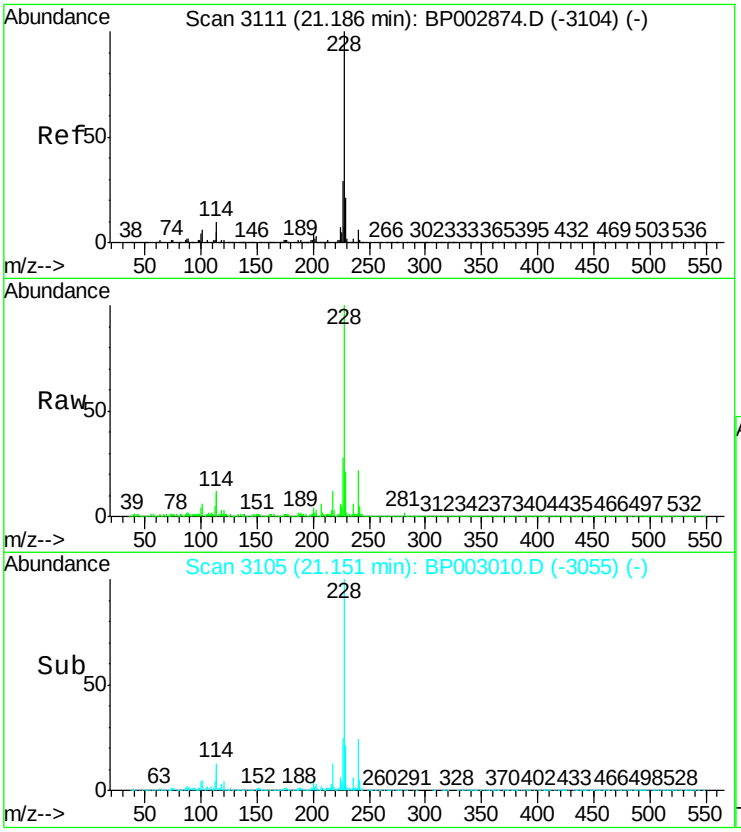


#80
Butylbenzylphthalate
Concen: 3.162 ng
RT: 20.33 min Scan# 2966
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion:149 Resp: 5275

Ion	Ratio	Lower	Upper
149	100		
91	53.2	45.3	67.9
206	23.2	17.5	26.3



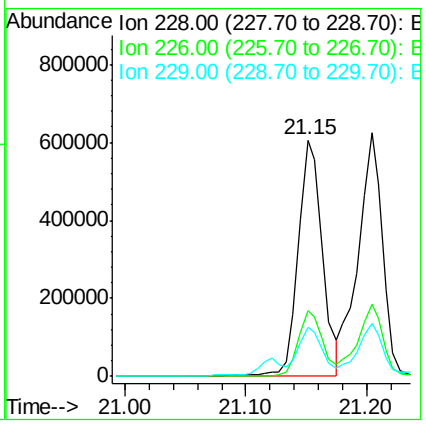


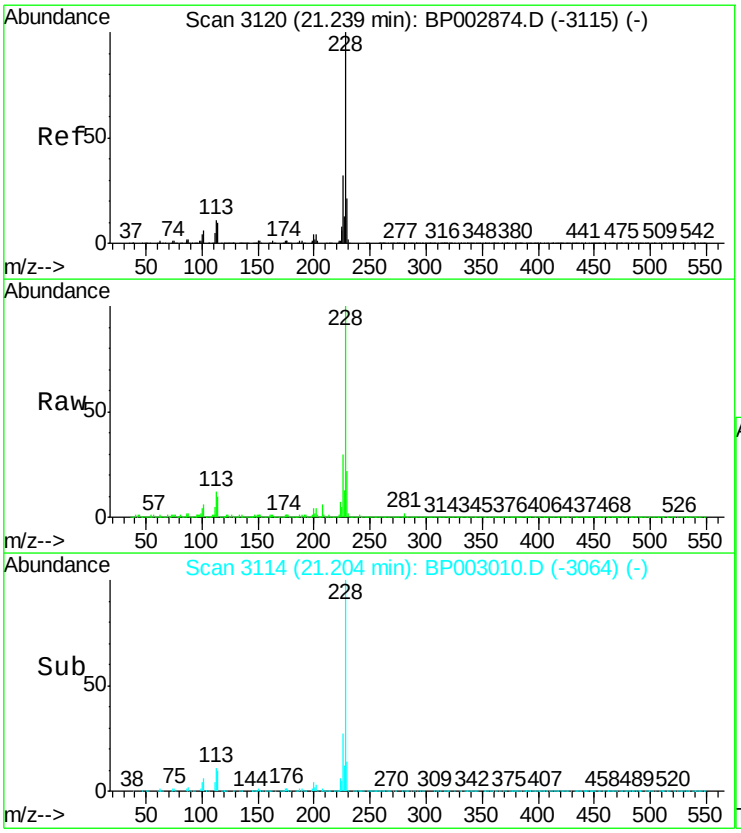
#81
Benzo(a)anthracene
Concen: 7.353 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tgt Ion:228 Resp: 833933

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.9	16.5	24.7

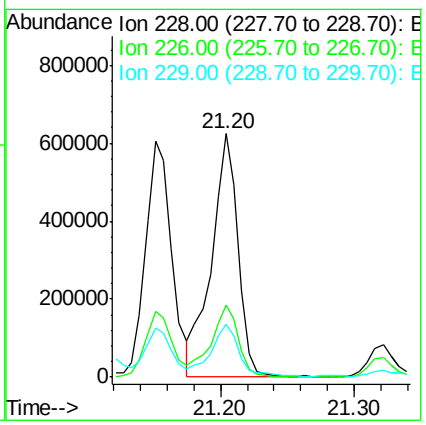


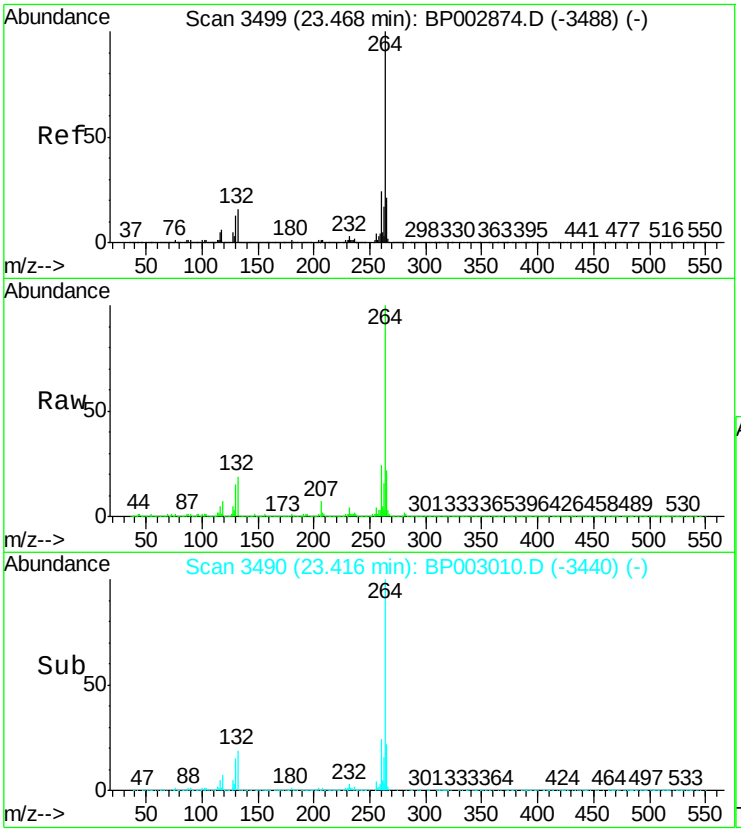


#83
Chrysene
Concen: 8.104 ng
RT: 21.20 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion:228 Resp: 867049

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	21.8	16.3	24.5



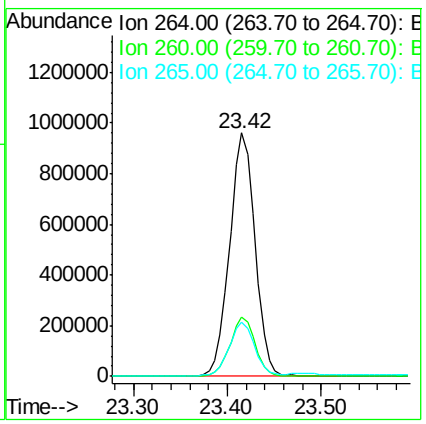


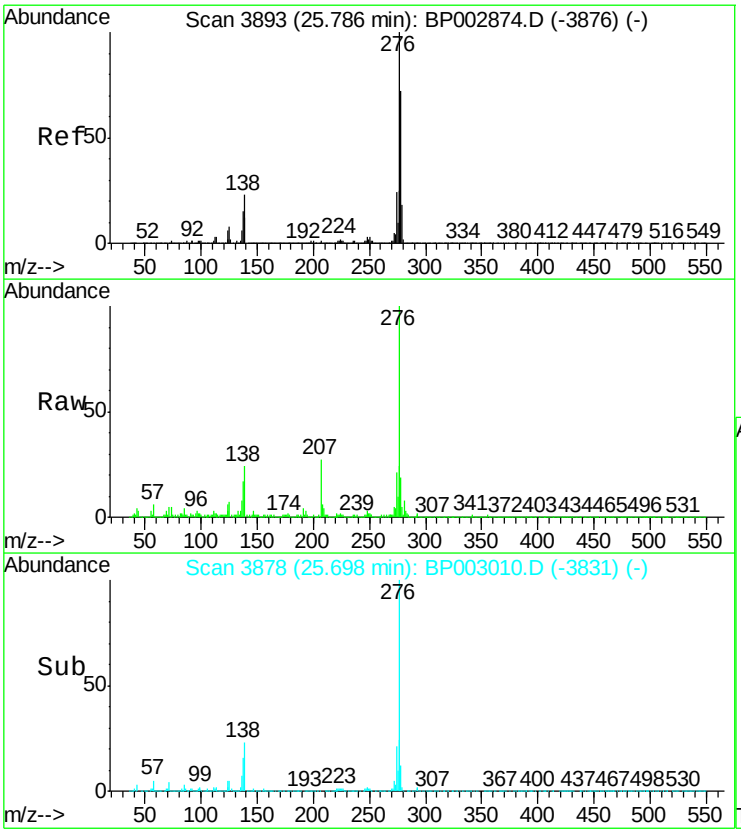
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tgt Ion:264 Resp: 1802846

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.3	17.3	25.9

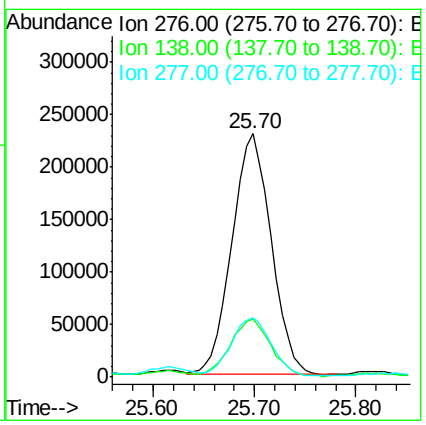


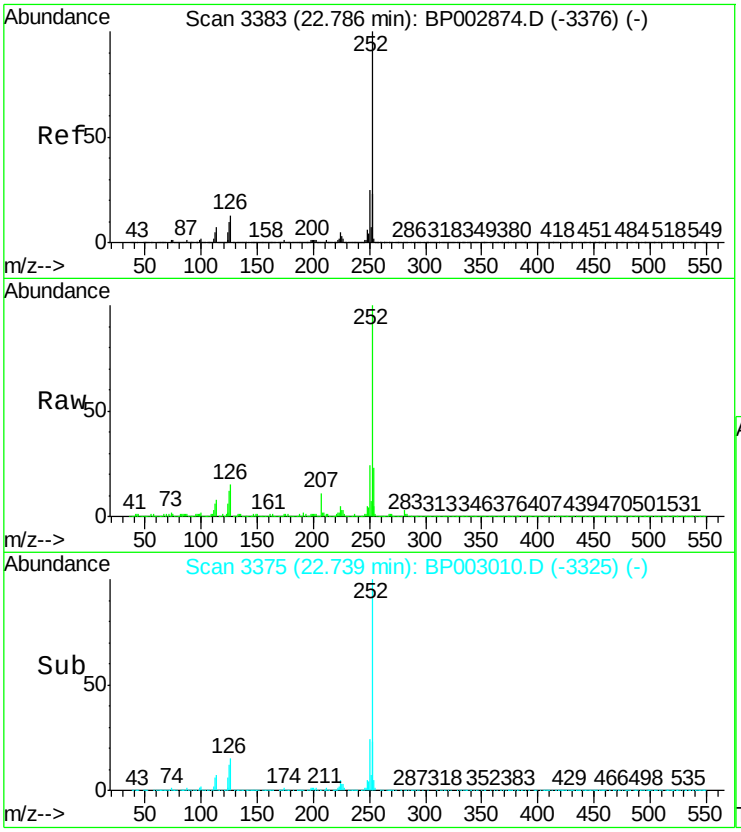


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.293 ng
RT: 25.70 min Scan# 3878
Delta R.T. -0.02 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion:276 Resp: 619859

Ion	Ratio	Lower	Upper
276	100		
138	24.0	22.2	33.2
277	24.6	20.4	30.6



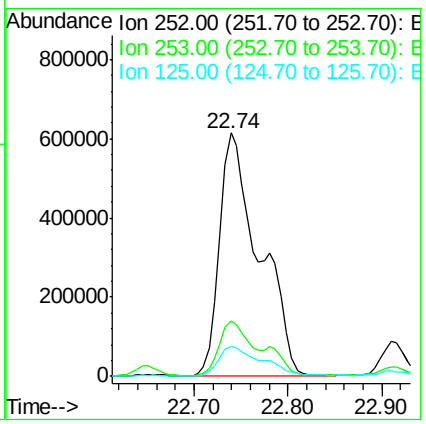


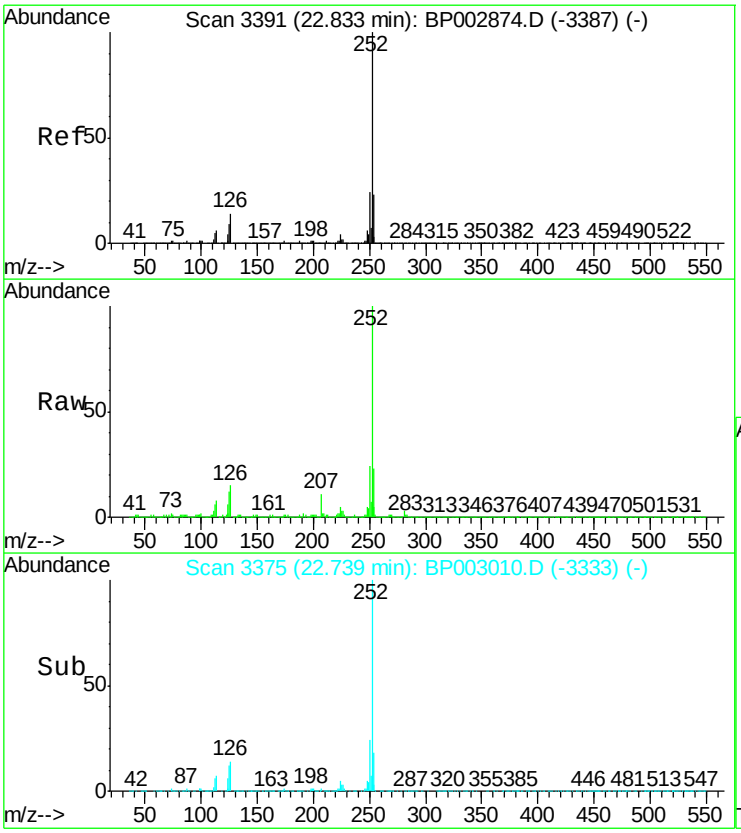
#88
Benzo(b)fluoranthene
Concen: 14.170 ng
RT: 22.74 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tgt Ion:252 Resp: 1802806

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	12.0	9.4	14.2

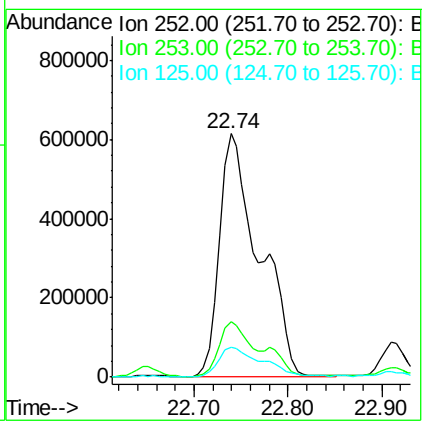


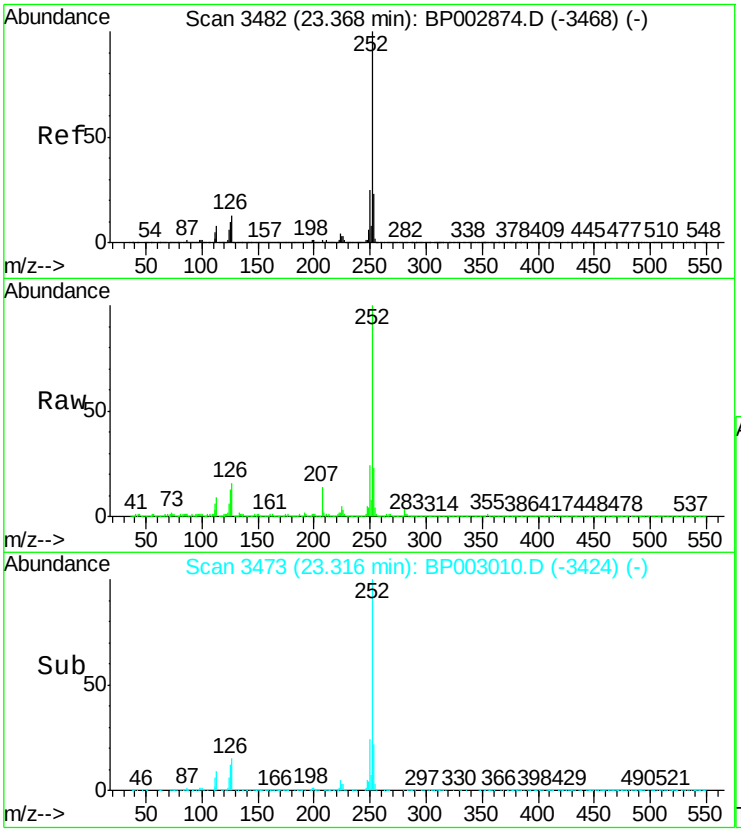


#89
Benzo(k)fluoranthene
Concen: 14.992 ng
RT: 22.74 min Scan# 3375
Delta R.T. -0.05 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion:252 Resp: 1802806

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	12.0	9.3	13.9



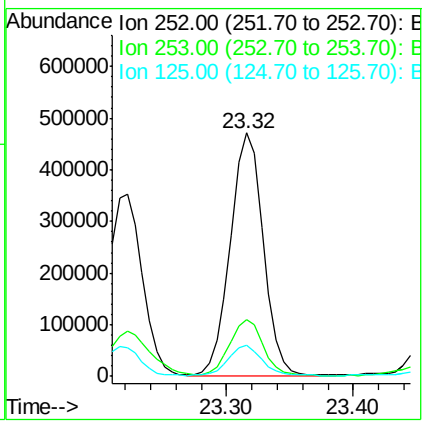


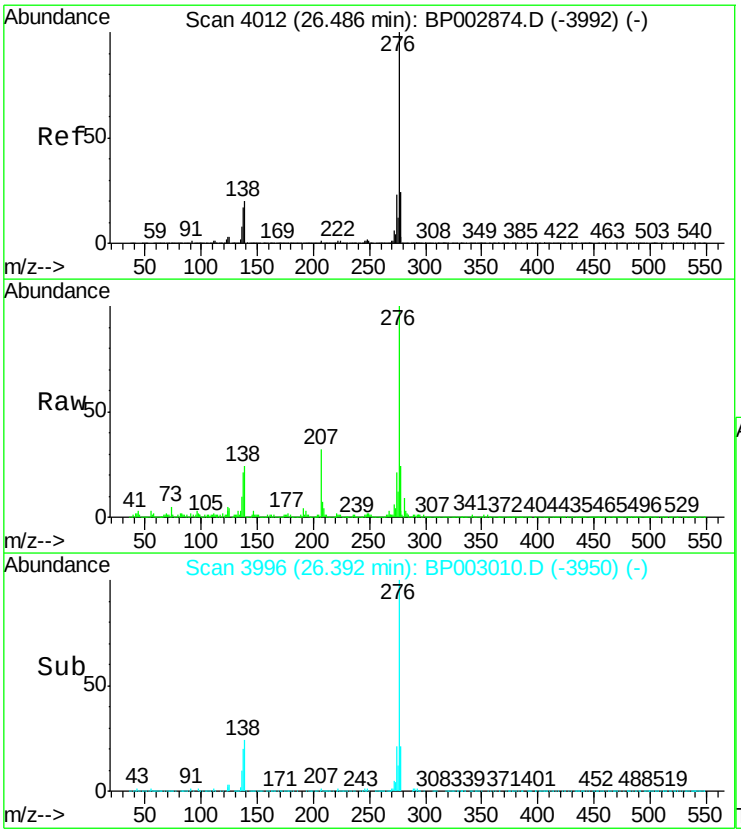
#90
Benzo(a)pyrene
Concen: 7.348 ng
RT: 23.32 min Scan# 3473
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tgt Ion:252 Resp: 844698

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	12.7	9.9	14.9





#92
Benzo(g,h,i)perylene
Concen: 5.256 ng
RT: 26.39 min Scan# 3996
Delta R.T. -0.03 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion:276 Resp: 624575

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	24.2	19.3	28.9