Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002209.D
Acq On : 13 Mar 2020 10:31
Operator : CG/JU
Sample : L1840-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBER9

Quant Time: Mar 13 11:10:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 13 03:14:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	290151	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1191774	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	720141	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1586855	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1541548	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	1741067	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	45896	6.80	ng/uL	0.00
5) Phenol-d5	6.81	99	849612	38.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	485150	41.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	735308	38.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	675188	37.12	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	335989	36.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	367425	35.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	728319	36.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	220161	10.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	2049935	37.61	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	2542801	39.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	360978	34.65	ng/ul	0.00
58) Fluorene-d10	15.26	176	1842201	39.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	253520	28.98	ng/ul	0.00
71) Anthracene-d10	17.12	188	2806299	39.35	ng/ul	0.00
79) Pyrene-d10	19.36	212	3249460	40.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	3583197	40.23	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.77	77	32522	2.501	ng/ul	97
10) 2-Chlorophenol	7.19	128	824464	42.002	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	1269943	65.982	ng/ul	98
14) Acetophenone	8.43	105	1120295	41.769	ng/ul	98
17) Hexachloroethane	8.69	117	148164	18.998	ng/ul	90
20) Nitrobenzene	8.81	77	1214827	59.555	ng/ul	99
23) 2-Nitrophenol	9.52	139	543858	48.539	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	489049	24.794	ng/ul	99
28) Naphthalene	10.45	128	1039186	16.276	ng/ul	99
33) 4-Chloro-3-methylphenol	11.69	107	892548	45.534	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	498316	20.757	ng/ul	99
39) 2,4,6-Trichlorophenol	12.69	196	489479	30.995	ng/ul	98
41) 1,1'-Biphenyl	13.09	154	2312926	41.289	ng/ul	99
43) 2-Nitroaniline	13.33	65	564467	53.529	ng/ul	97
46) 2,6-Dinitrotoluene	13.84	165	475999	41.693	ng/ul	99
48) Acenaphthylene	13.98	152	3603231	52.137	ng/ul	99
50) Acenaphthene	14.33	153	212336	4.570	ng/ul	98
53) 4-Nitrophenol	14.49	109	429959	57.142	ng/ul	94
54) Dibenzofuran	14.66	168	1417617	21.600	ng/ul	98
55) 2,4-Dinitrotoluene	14.63	165	805870	49.282	ng/ul	100
57) Diethylphthalate	15.10	149	2523928	45.452	ng/ul	99
59) Fluorene	15.32	166	465857	8.883	ng/ul	97
65) N-Nitrosodiphenylamine	15.53	169	2435262	53.907	ng/ul	99

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Data File : BP002209.D
Acq On : 13 Mar 2020 10:31
Operator : CG/JU
Sample : L1840-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBER9

Quant Time: Mar 13 11:10:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 13 03:14:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
67) Hexachlorobenzene	16.33	284	831398	40.262 ng/ul	98
69) Pentachlorophenol	16.67	266	472987	37.093 ng/ul	97
70) Phenanthrene	17.06	178	2882938	32.978 ng/ul	98
76) Di-n-butylphthalate	18.00	149	3567814	38.188 ng/ul	99
80) Pyrene	19.39	202	1826804	17.405 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.04	252	49727	1.413 ng/ul	99
83) Benzo(a)anthracene	21.10	228	4363163	41.835 ng/ul	97
87) Di-n-octyl phthalate	21.91	149	2736123	26.645 ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	3680619	33.709 ng/ul	99
91) Benzo(a)pyrene	23.22	252	2151186	21.703 ng/ul	98
93) Dibenzo(a,h)anthracene	25.55	278	5138977	48.381 ng/ul	99
94) Benzo(g,h,i)perylene	26.22	276	2708204	24.973 ng/ul	98

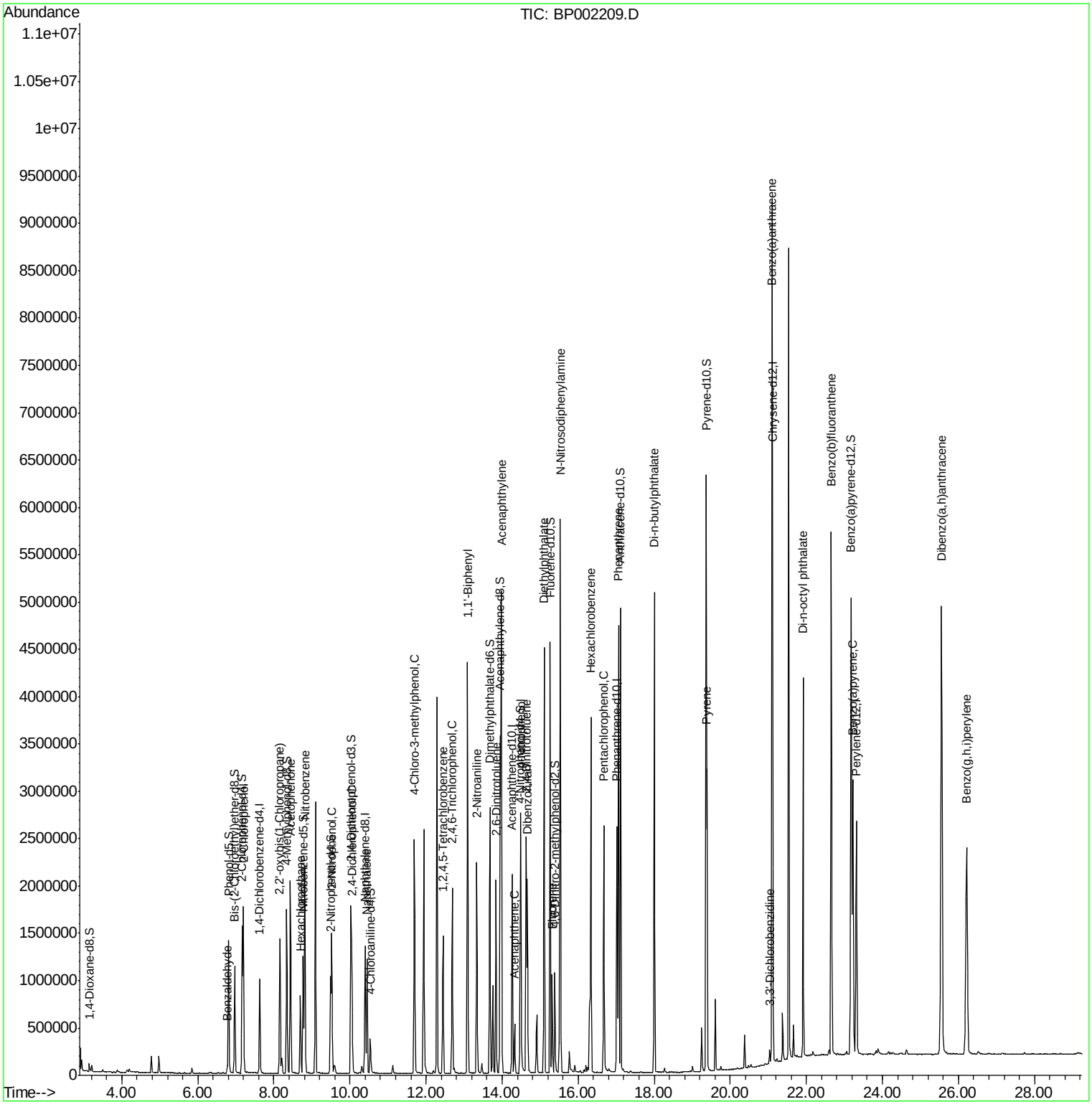
(#) = qualifier out of range (m) = manual integration (+) = signals summed

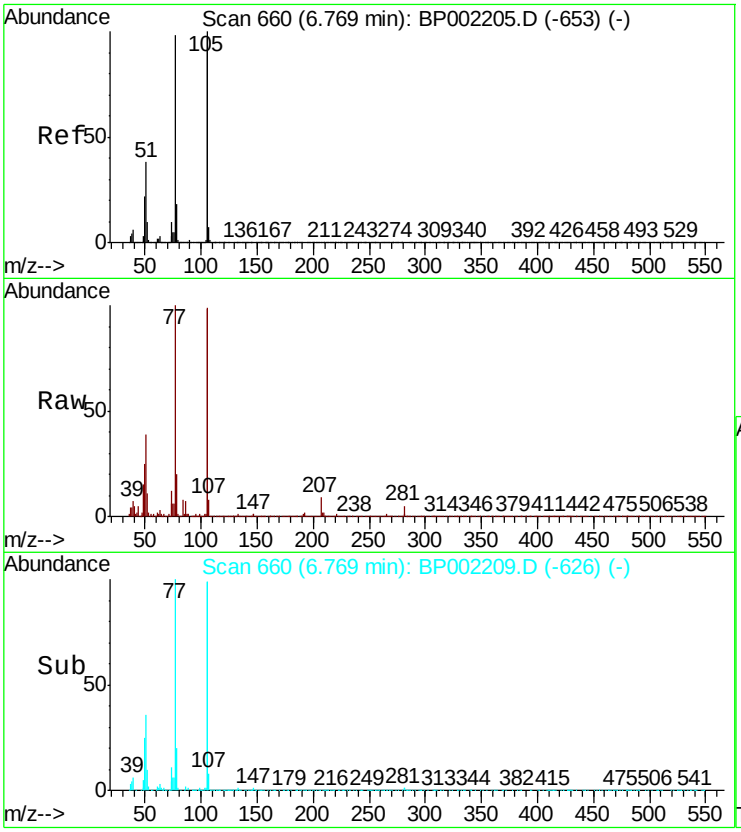
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002209.D
Acq On : 13 Mar 2020 10:31
Operator : CG/JU
Sample : L1840-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBER9

Quant Time: Mar 13 11:10:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 13 03:14:27 2020
Response via : Initial Calibration



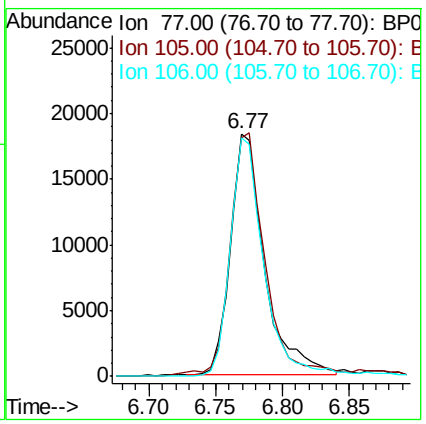


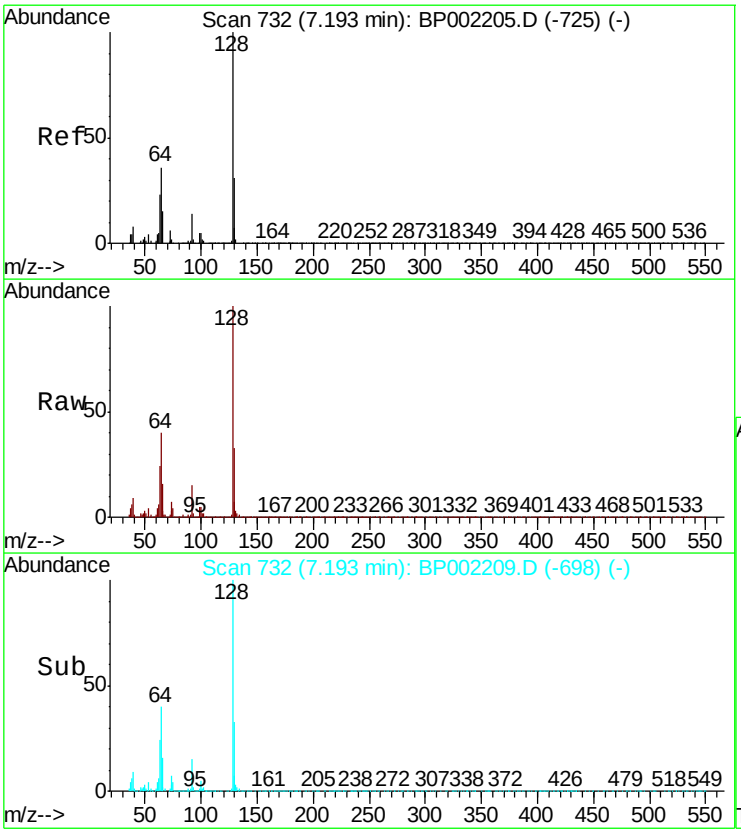
#4
Benzaldehyde
Concen: 2.501 ng/ul
RT: 6.77 min Scan# 660
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Instrument :
BNA_P
ClientSampleId :
DBER9

Tgt Ion: 77 Resp: 32522

Ion	Ratio	Lower	Upper
77	100		
105	98.5	82.5	123.7
106	98.3	79.9	119.9

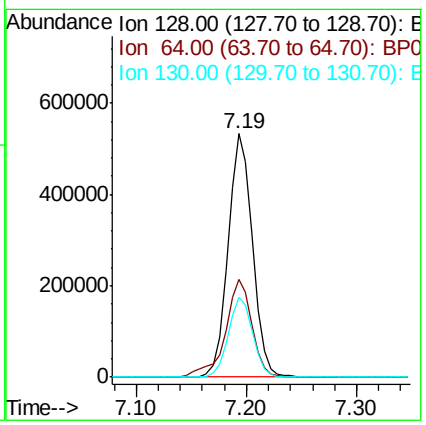


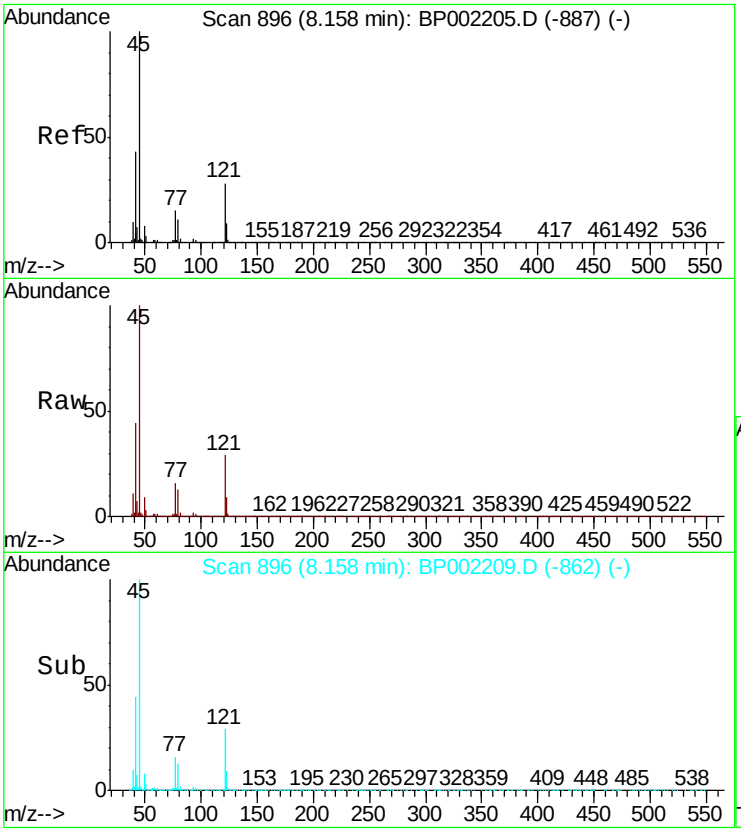


#10
2-Chlorophenol
Concen: 42.002 ng/ul
RT: 7.19 min Scan# 732
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Tgt Ion:128 Resp: 824464

Ion	Ratio	Lower	Upper
128	100		
64	40.2	31.5	47.3
130	32.6	26.3	39.5



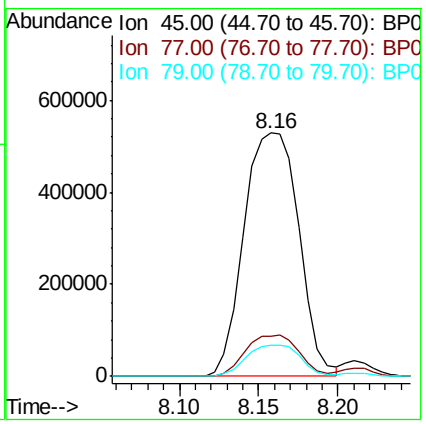


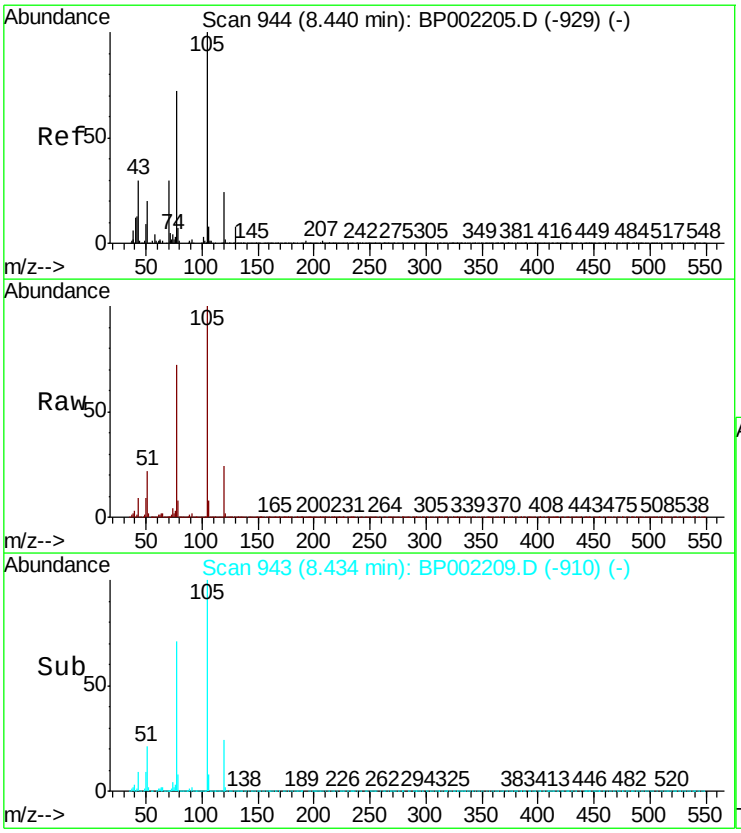
#12
2,2'-oxybis(1-Chloropropane)
Concen: 65.982 ng/ul
RT: 8.16 min Scan# 896
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Instrument :
BNA_P
ClientSampleId :
DBER9

Tgt Ion: 45 Resp: 1269943

Ion	Ratio	Lower	Upper
45	100		
77	16.3	13.9	20.9
79	12.6	10.5	15.7

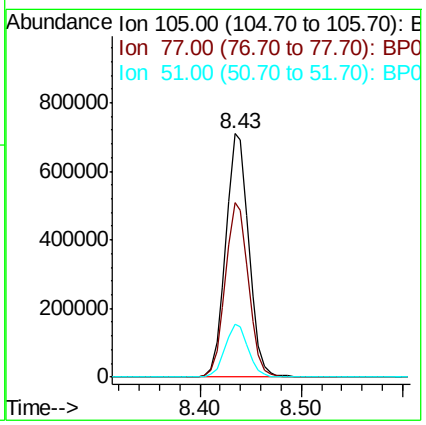


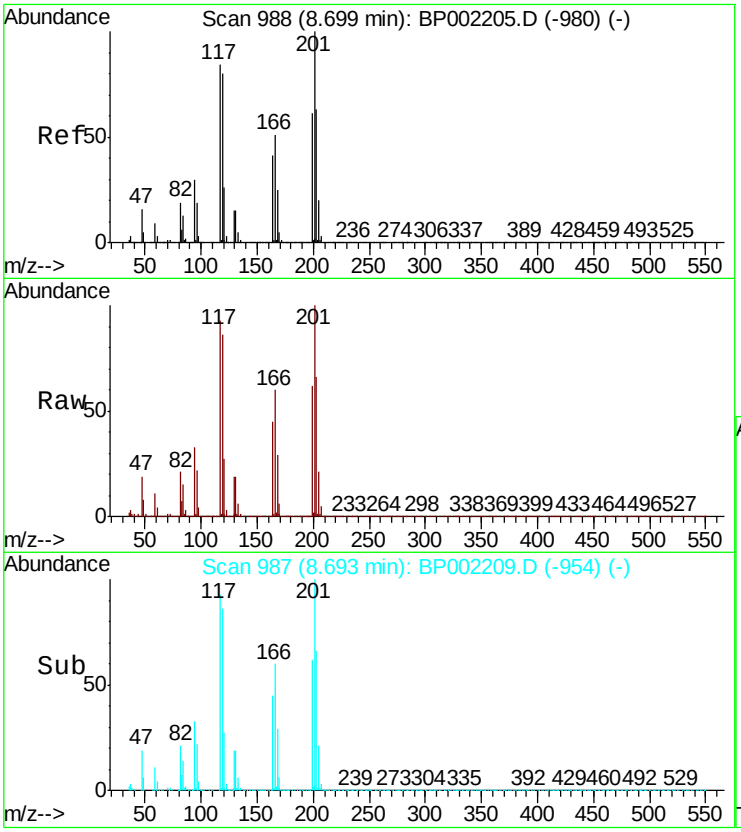


#14
Acetophenone
Concen: 41.769 ng/ul
RT: 8.43 min Scan# 943
Delta R.T. -0.01 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Tgt Ion:105 Resp: 1120295

Ion	Ratio	Lower	Upper
105	100		
77	71.5	59.1	88.7
51	21.5	17.8	26.6



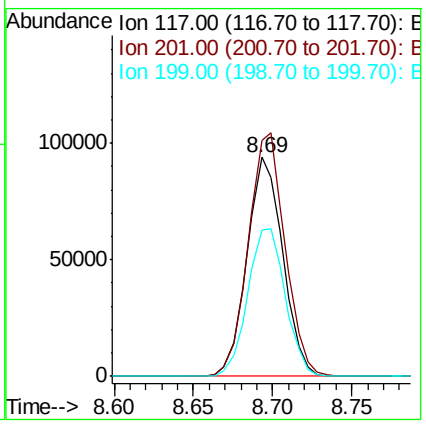


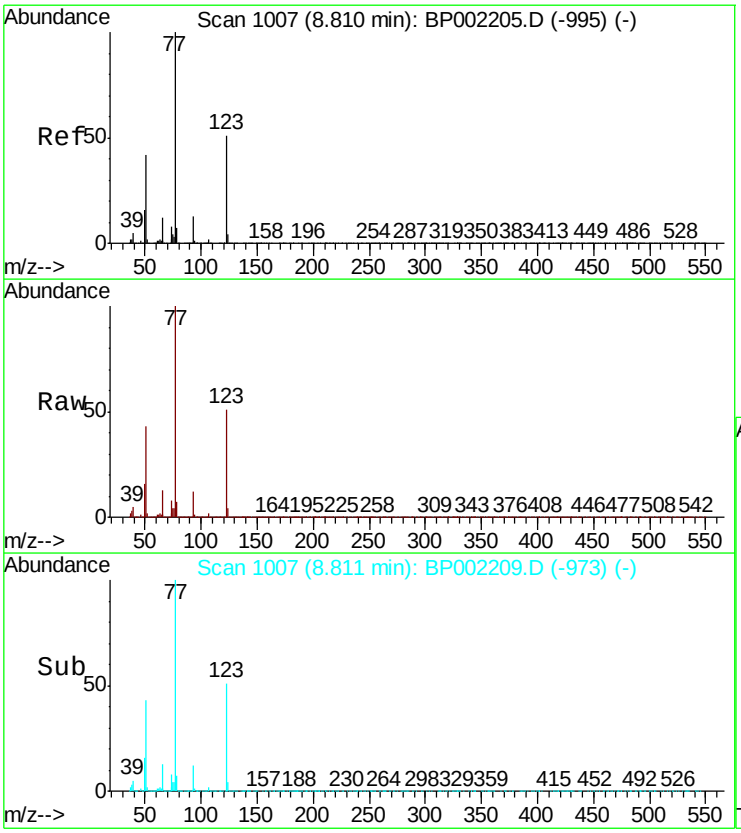
#17
Hexachloroethane
Concen: 18.998 ng/ul
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Instrument :
BNA_P
ClientSampleId :
DBER9

Tgt Ion:117 Resp: 148164

Ion	Ratio	Lower	Upper
117	100		
201	107.6	96.4	144.6
199	66.8	58.9	88.3

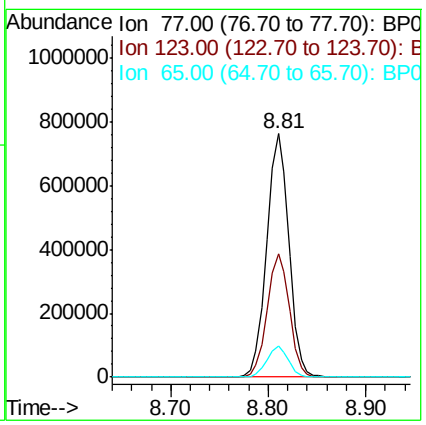


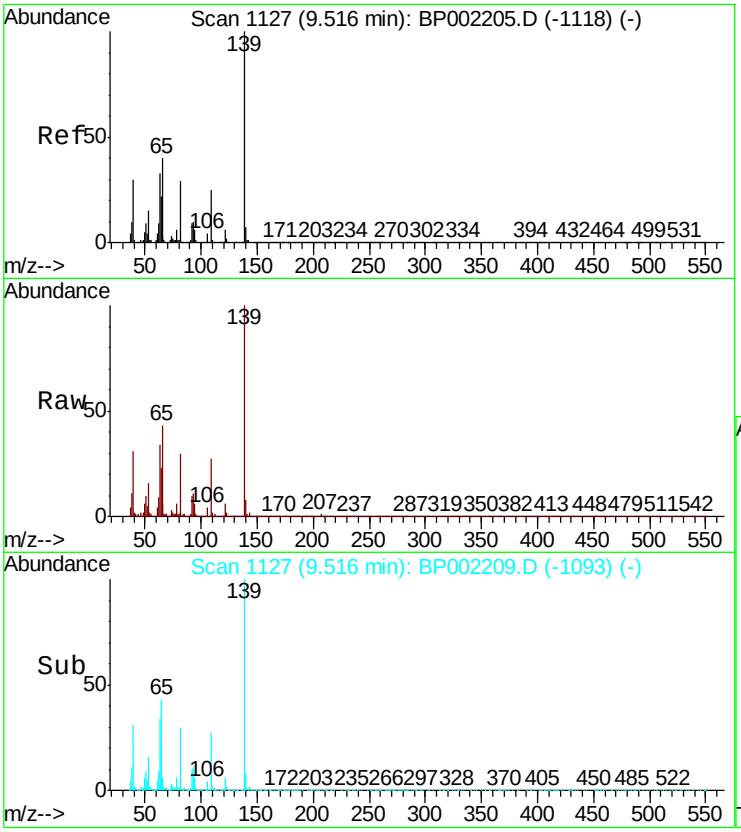


#20
Nitrobenzene
Concen: 59.555 ng/ul
RT: 8.81 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Tgt Ion: 77 Resp: 1214827

Ion	Ratio	Lower	Upper
77	100		
123	50.6	41.4	62.0
65	12.7	9.9	14.9



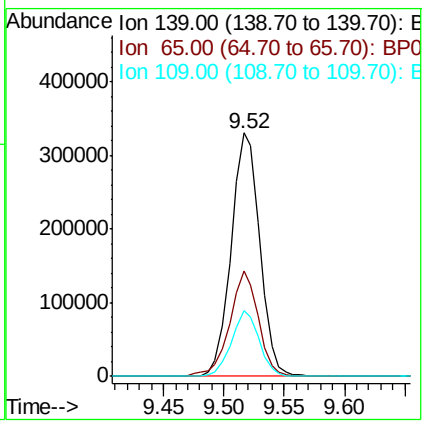


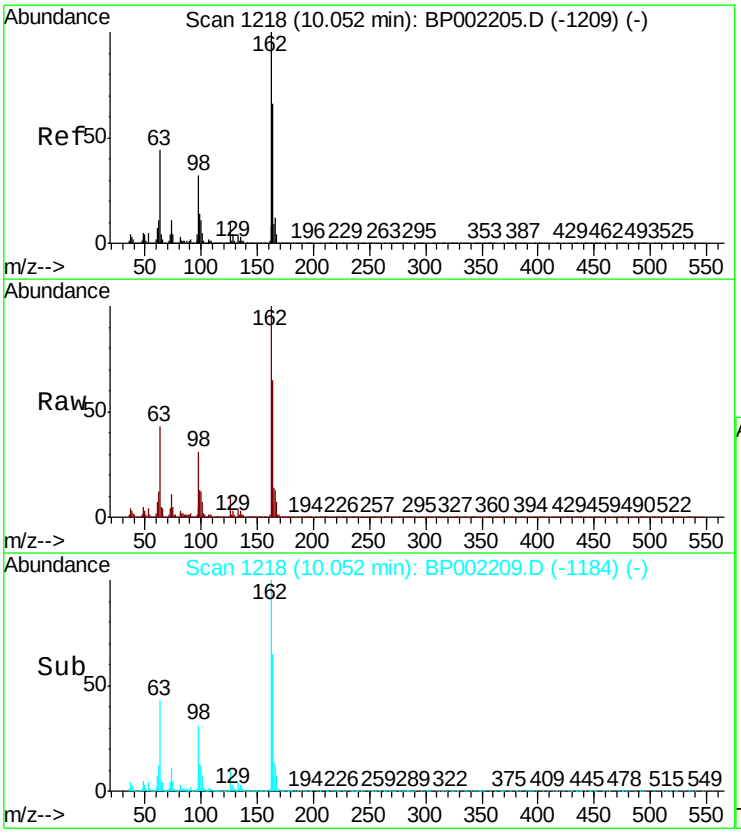
#23
2-Nitrophenol
Concen: 48.539 ng/ul
RT: 9.52 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Instrument :
BNA_P
ClientSampleId :
DBER9

Tgt Ion:139 Resp: 543858

Ion	Ratio	Lower	Upper
139	100		
65	43.3	34.0	51.0
109	26.8	22.0	33.0

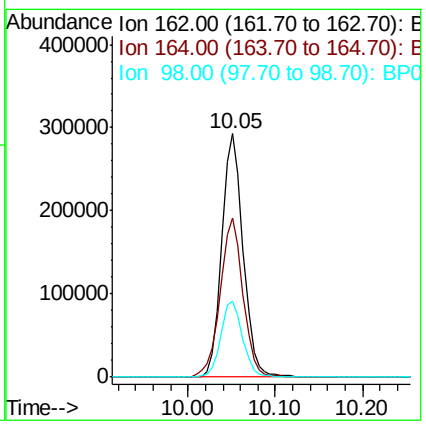


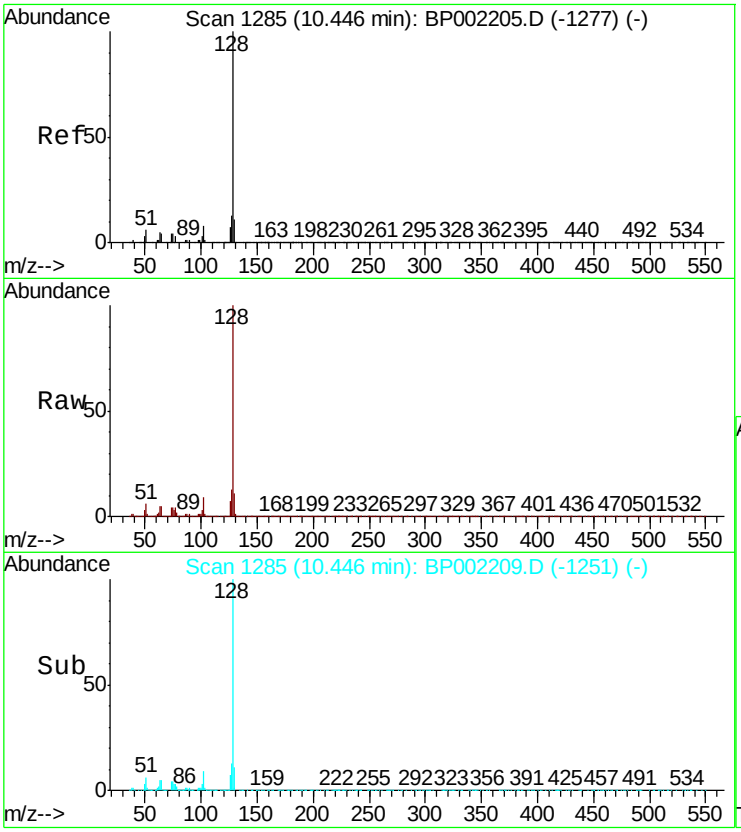


#27
2,4-Dichlorophenol
Concen: 24.794 ng/ul
RT: 10.05 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Tgt Ion:162 Resp: 489049

Ion	Ratio	Lower	Upper
162	100		
164	65.3	51.8	77.6
98	31.4	25.7	38.5



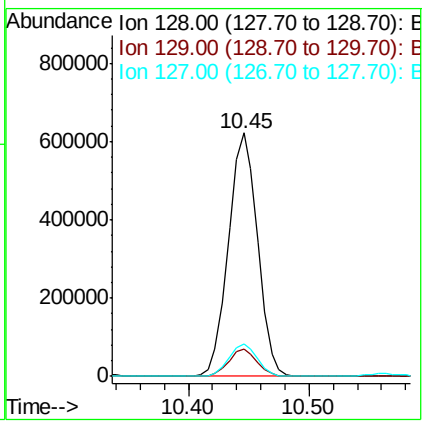


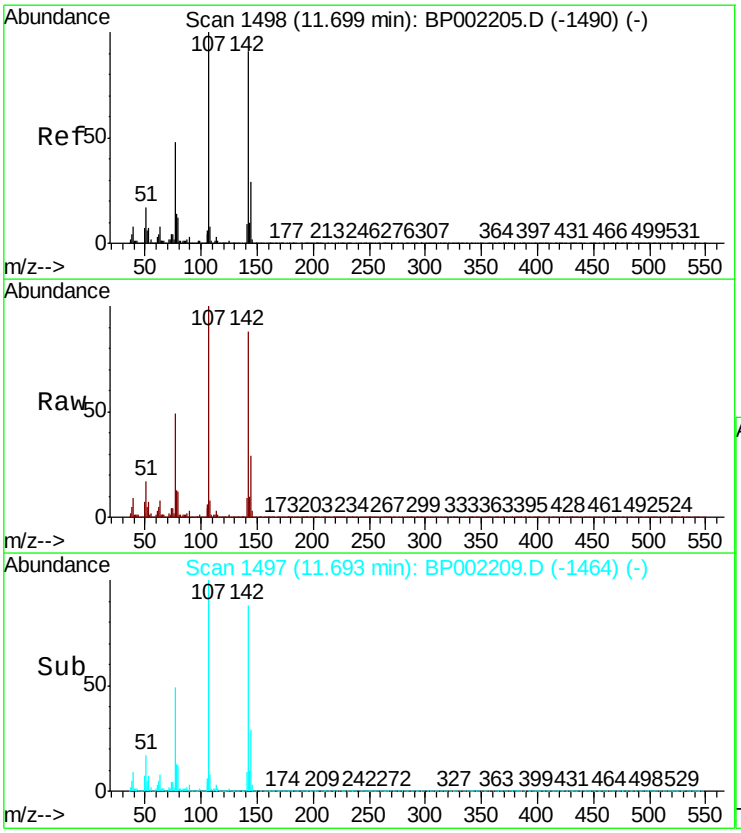
#28
Naphthalene
Concen: 16.276 ng/ul
RT: 10.45 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Instrument :
BNA_P
ClientSampleId :
DBER9

Tgt Ion:128 Resp: 1039186

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.2	10.2	15.2

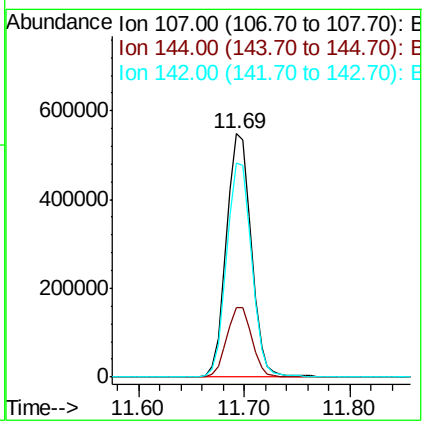


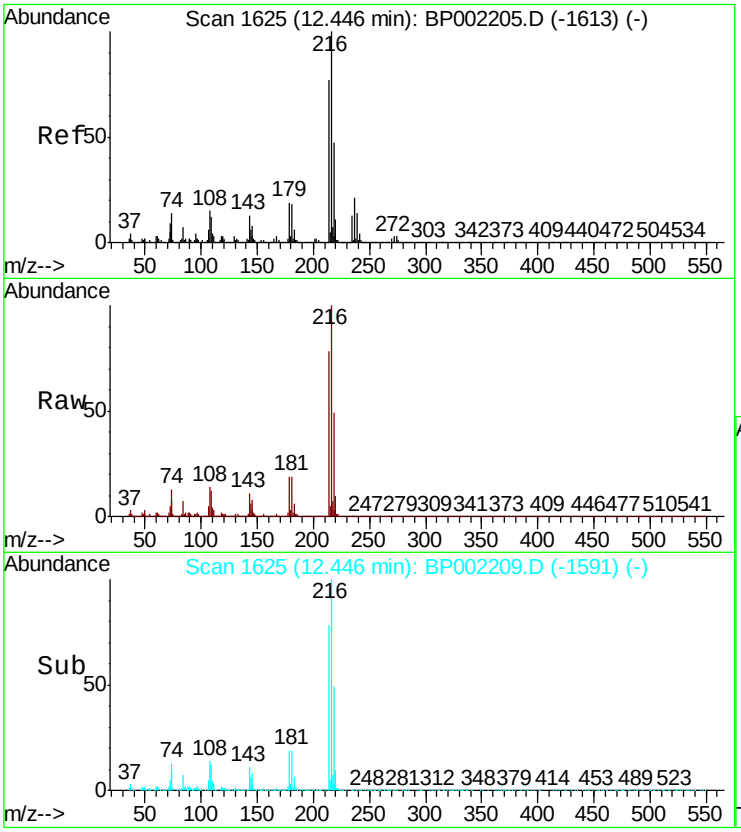


#33
4-Chloro-3-methylphenol
Concen: 45.534 ng/ul
RT: 11.69 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Tgt Ion:107 Resp: 892548

Ion	Ratio	Lower	Upper
107	100		
144	28.7	22.8	34.2
142	88.1	69.0	103.6



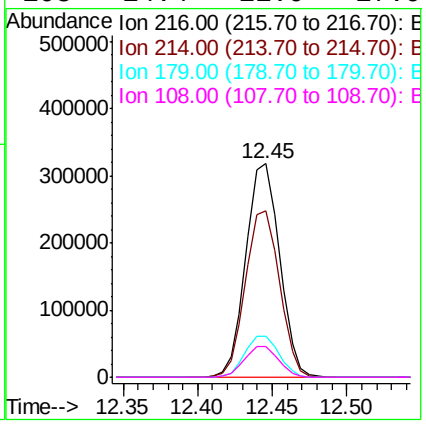


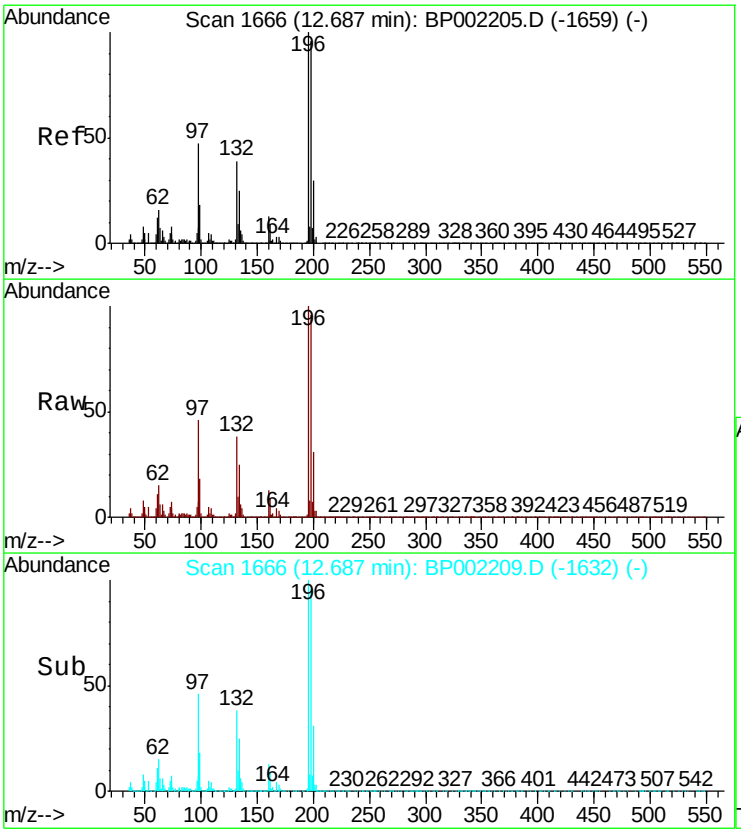
#37
1,2,4,5-Tetrachlorobenzene
Concen: 20.757 ng/ul
RT: 12.45 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Instrument :
BNA_P
ClientSampleId :
DBER9

Tgt Ion:216 Resp: 498316

Ion	Ratio	Lower	Upper
216	100		
214	78.2	61.8	92.8
179	19.3	16.0	24.0
108	14.4	11.9	17.9

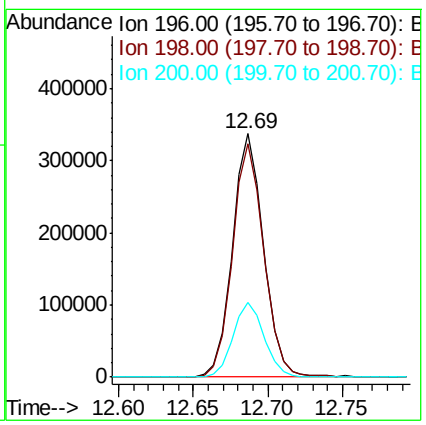


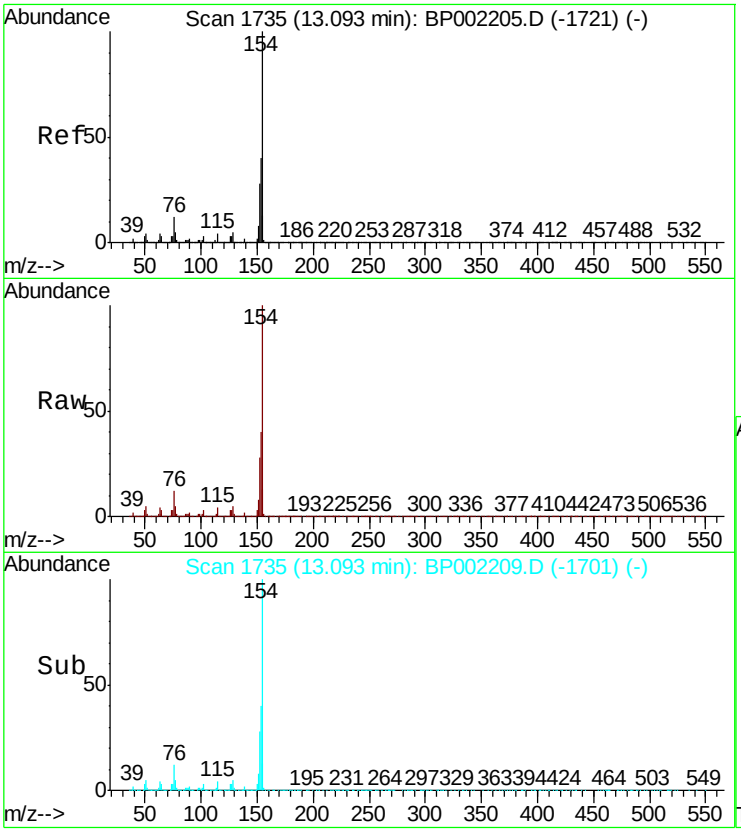


#39
2,4,6-Trichlorophenol
Concen: 30.995 ng/ul
RT: 12.69 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Tgt Ion:196 Resp: 489479

Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.7	116.5
200	30.6	26.2	39.2



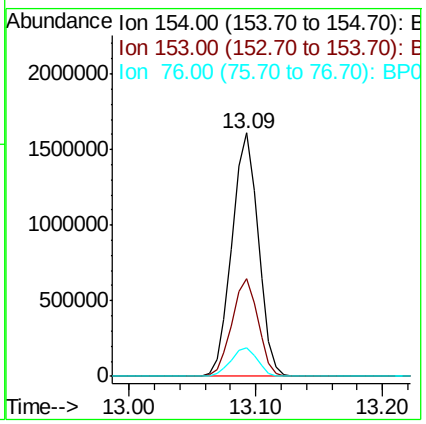


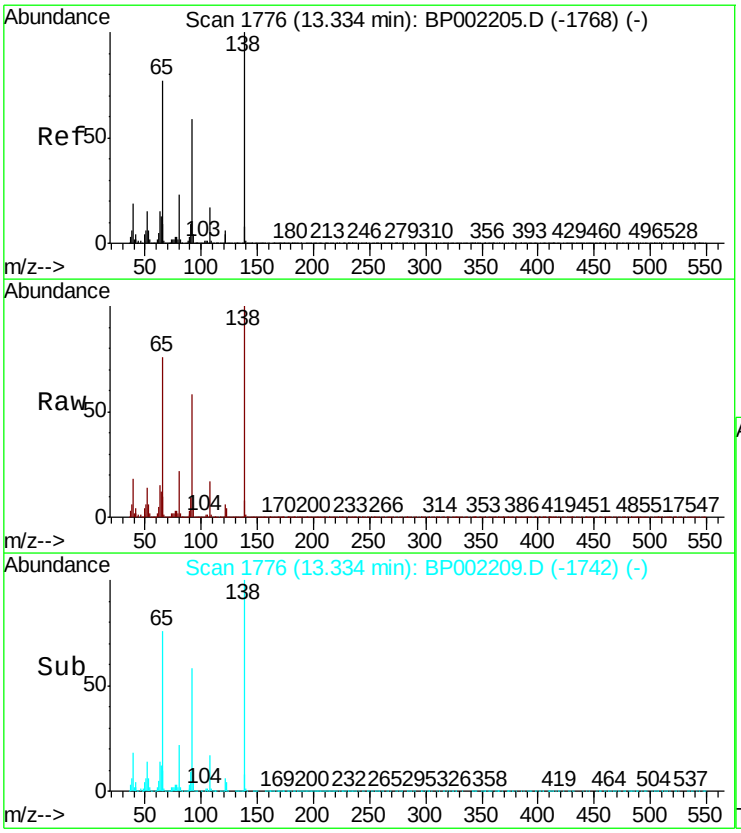
#41
1,1'-Biphenyl
Concen: 41.289 ng/ul
RT: 13.09 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Instrument :
BNA_P
ClientSampleId :
DBER9

Tgt Ion:154 Resp: 2312926

Ion	Ratio	Lower	Upper
154	100		
153	40.1	32.0	48.0
76	11.9	8.9	13.3

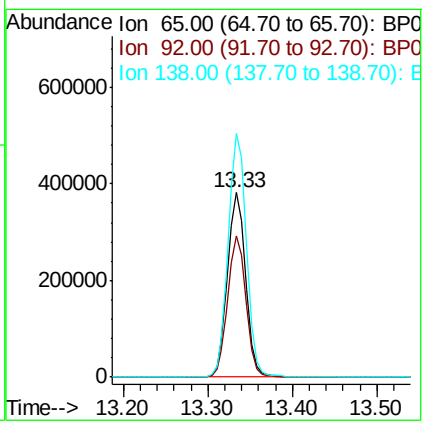


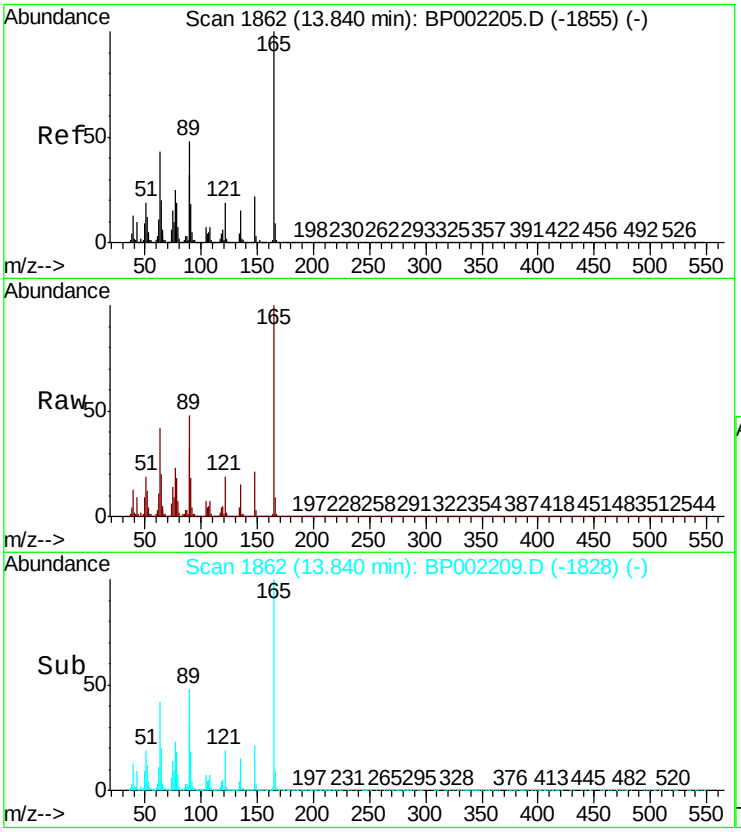


#43
2-Nitroaniline
Concen: 53.529 ng/ul
RT: 13.33 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Tgt Ion: 65 Resp: 564467

Ion	Ratio	Lower	Upper
65	100		
92	76.6	62.6	94.0
138	132.1	102.6	153.8



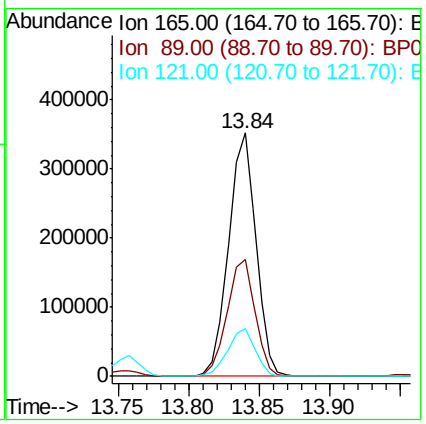


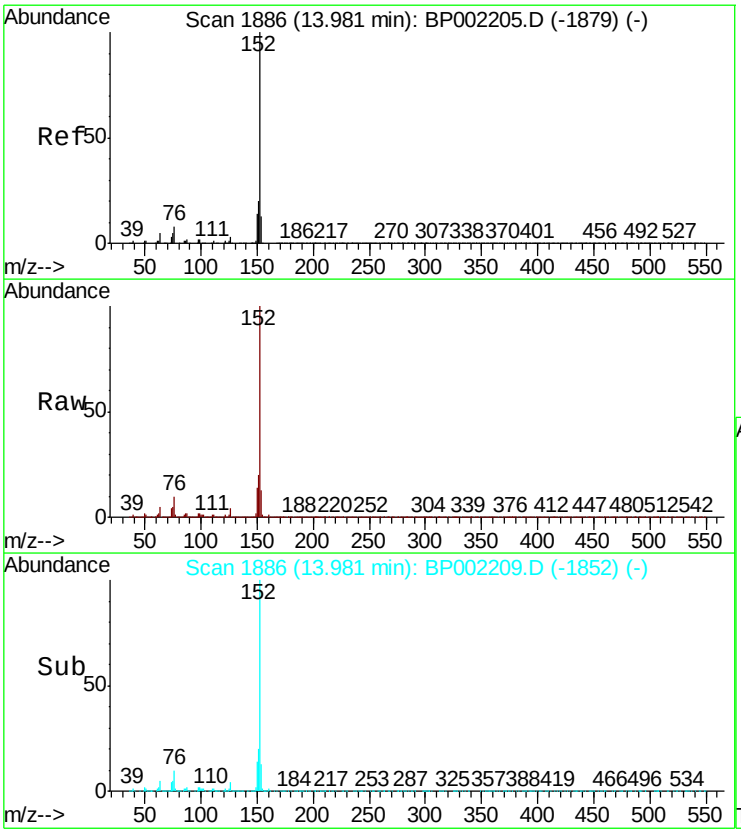
#46
2,6-Dinitrotoluene
Concen: 41.693 ng/ul
RT: 13.84 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Instrument :
BNA_P
ClientSampleId :
DBER9

Tgt Ion:165 Resp: 475999

Ion	Ratio	Lower	Upper
165	100		
89	48.1	39.4	59.2
121	19.4	15.6	23.4

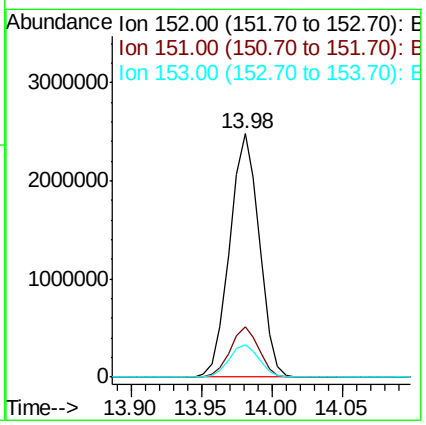


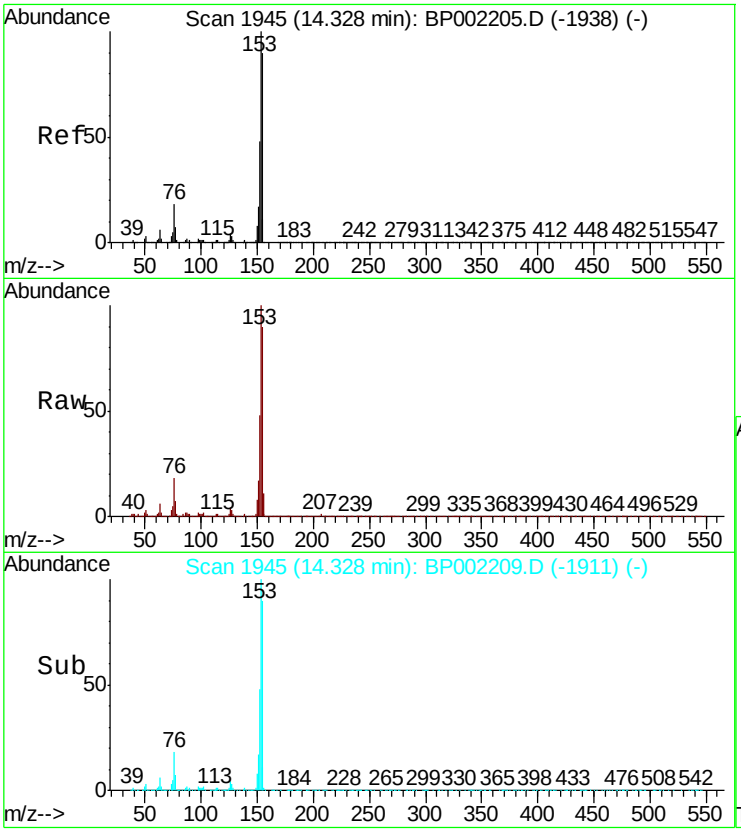


#48
Acenaphthylene
Concen: 52.137 ng/ul
RT: 13.98 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Tgt Ion:152 Resp: 3603231

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.7	23.5
153	13.3	10.6	15.8



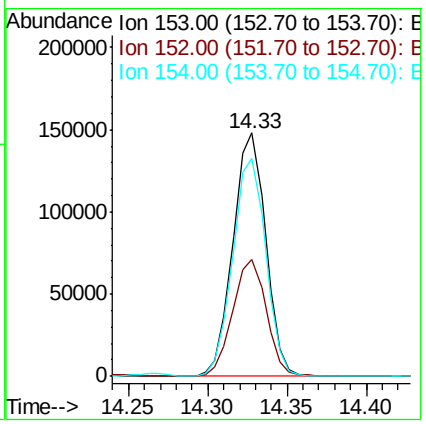


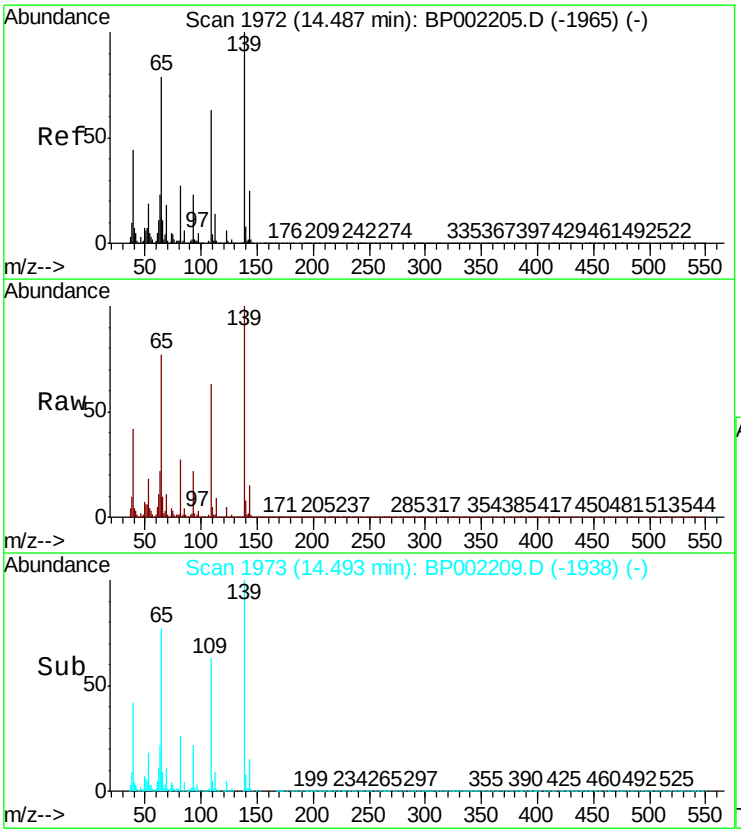
#50
Acenaphthene
Concen: 4.570 ng/ul
RT: 14.33 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Instrument :
BNA_P
ClientSampleId :
DBER9

Tgt Ion:153 Resp: 212336

Ion	Ratio	Lower	Upper
153	100		
152	48.2	37.1	55.7
154	89.6	70.5	105.7

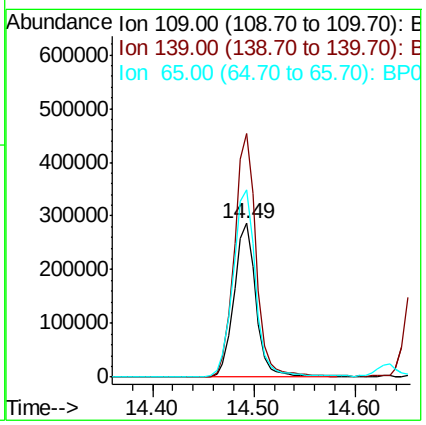


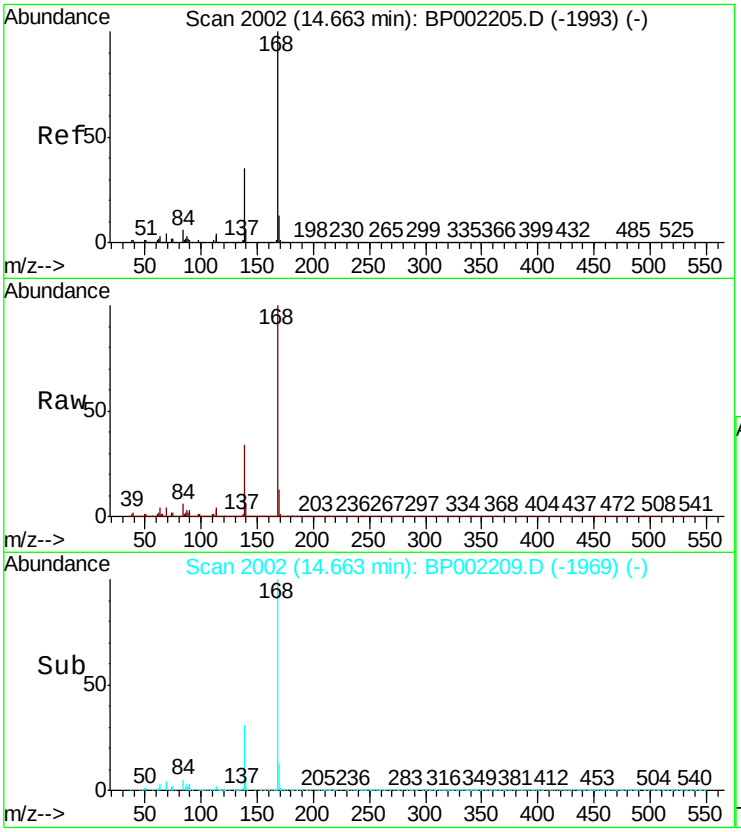


#53
4-Nitrophenol
Concen: 57.142 ng/ul
RT: 14.49 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Tgt Ion:109 Resp: 429959

Ion	Ratio	Lower	Upper
109	100		
139	158.5	117.2	175.8
65	121.8	95.4	143.0



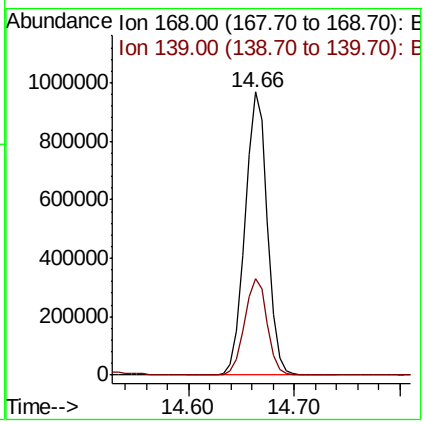


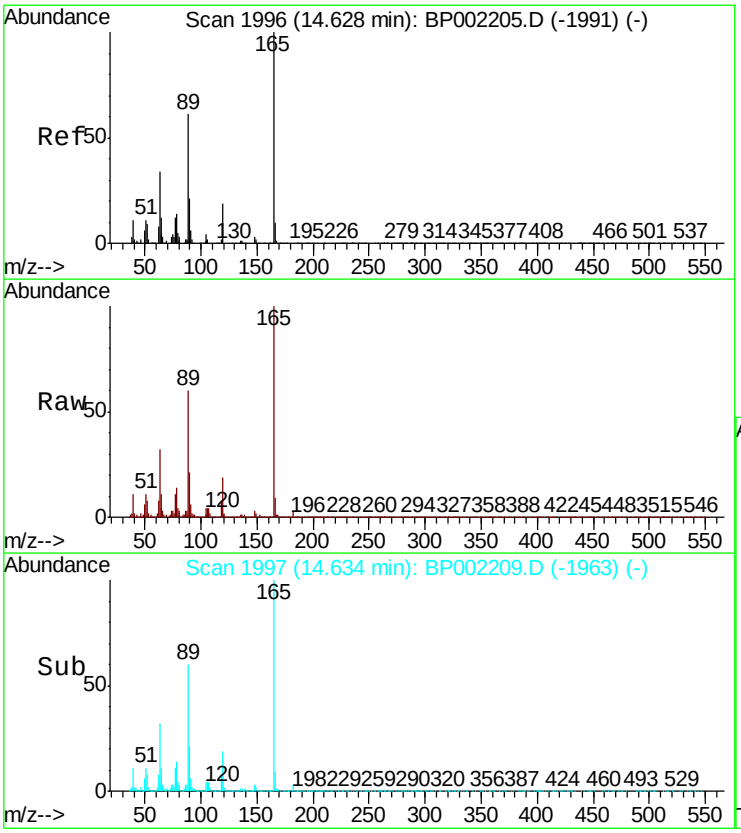
#54
Dibenzofuran
Concen: 21.600 ng/ul
RT: 14.66 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Instrument :
BNA_P
ClientSampleId :
DBER9

Tgt Ion:168 Resp: 1417617

Ion	Ratio	Lower	Upper
168	100		
139	34.3	28.3	42.5

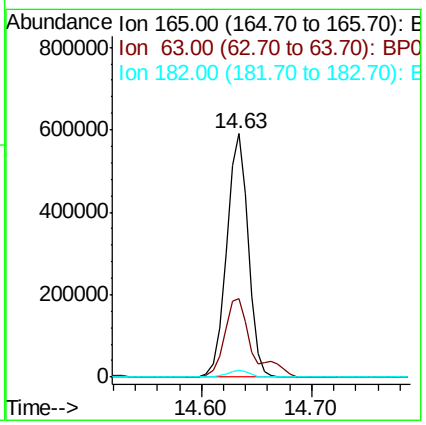


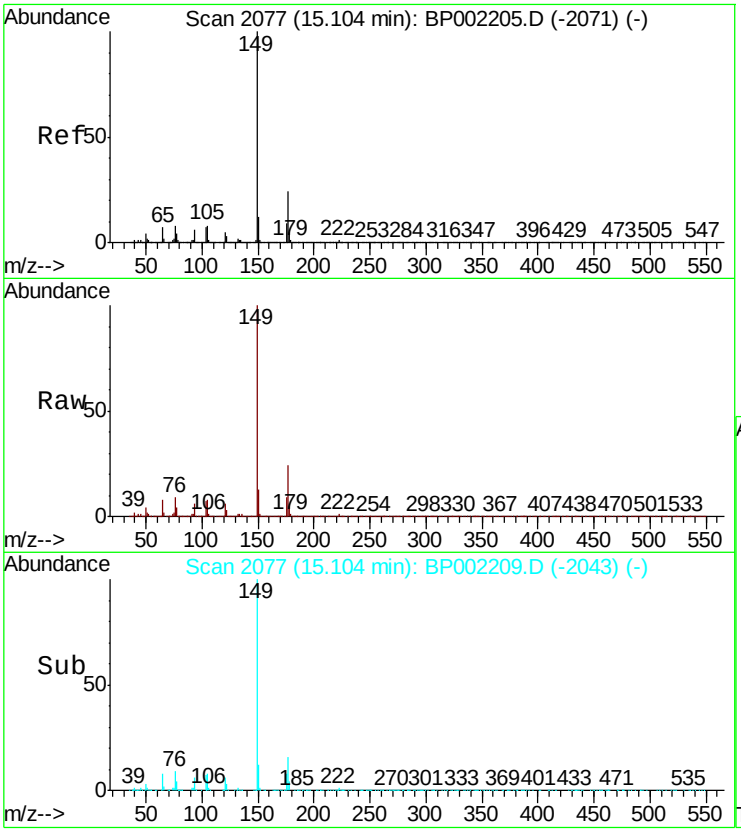


#55
2,4-Dinitrotoluene
Concen: 49.282 ng/ul
RT: 14.63 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Tgt Ion:165 Resp: 805870

Ion	Ratio	Lower	Upper
165	100		
63	32.5	25.8	38.6
182	3.0	2.6	3.8



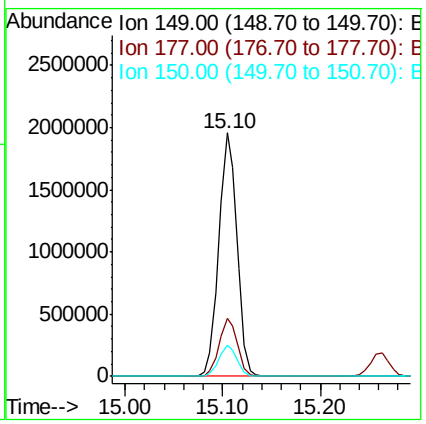


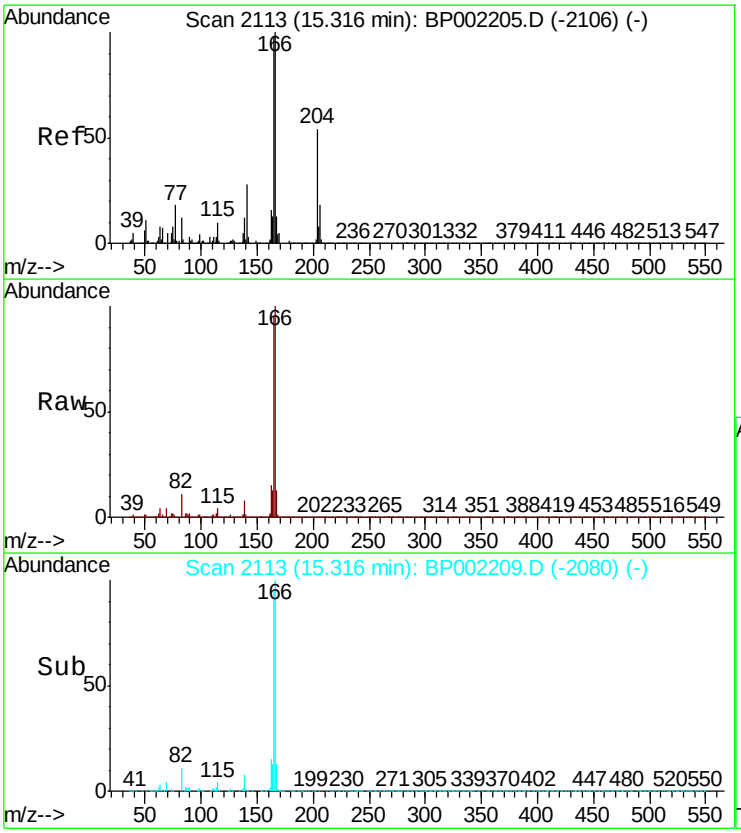
#57
Diethylphthalate
Concen: 45.452 ng/ul
RT: 15.10 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Instrument :
BNA_P
ClientSampleId :
DBER9

Tgt Ion:149 Resp: 2523928

Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.6	28.0
150	12.5	9.7	14.5

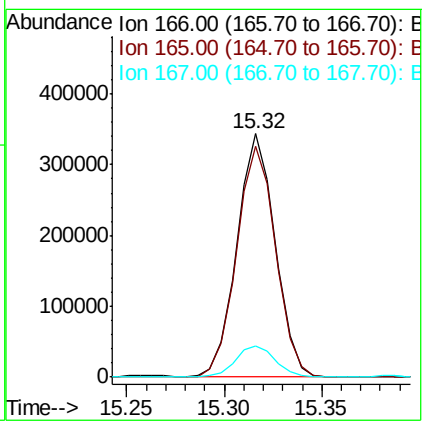


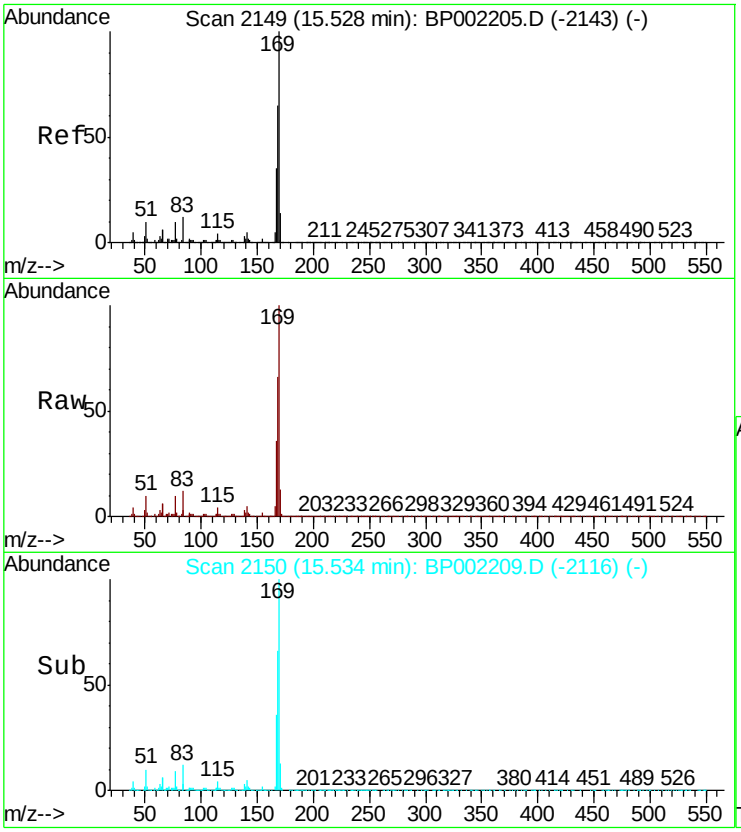


#59
Fluorene
Concen: 8.883 ng/ul
RT: 15.32 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Tgt Ion:166 Resp: 465857

Ion	Ratio	Lower	Upper
166	100		
165	94.8	78.1	117.1
167	13.0	10.7	16.1



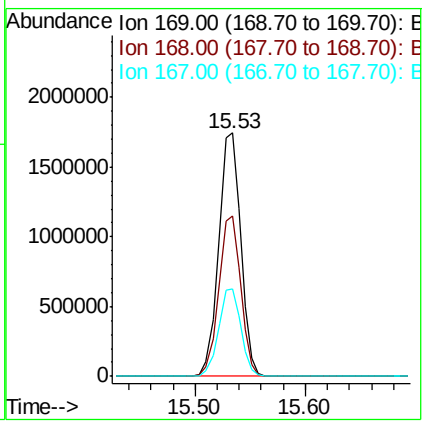


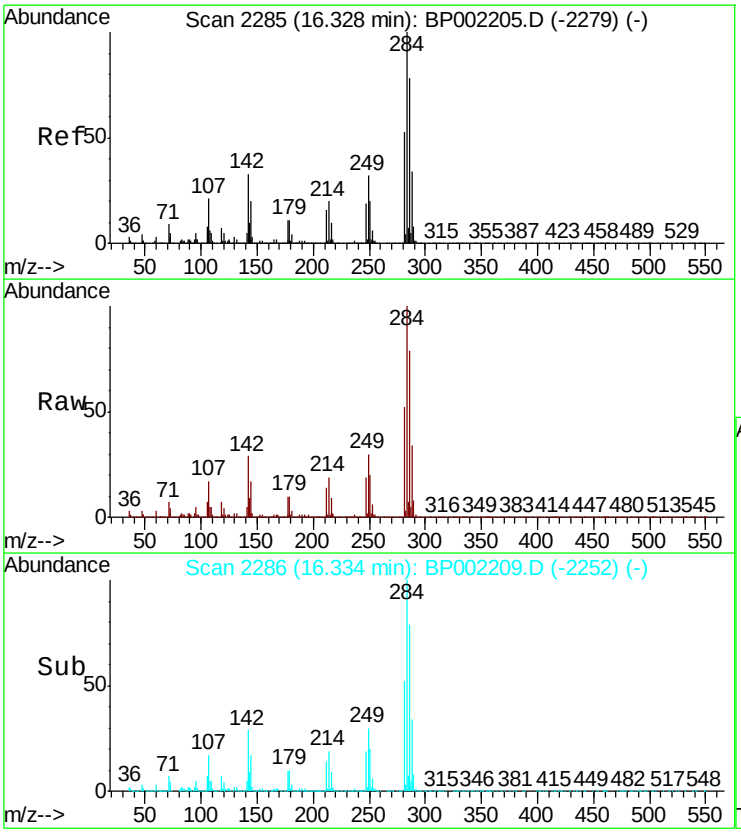
#65
N-Nitrosodiphenylamine
Concen: 53.907 ng/ul
RT: 15.53 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Instrument :
BNA_P
ClientSampleId :
DBER9

Tgt Ion:169 Resp: 2435262

Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.0	79.6
167	36.1	28.4	42.6

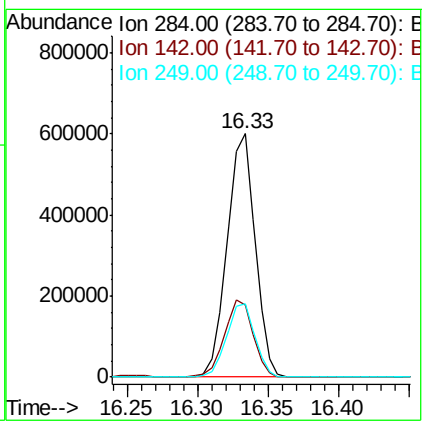


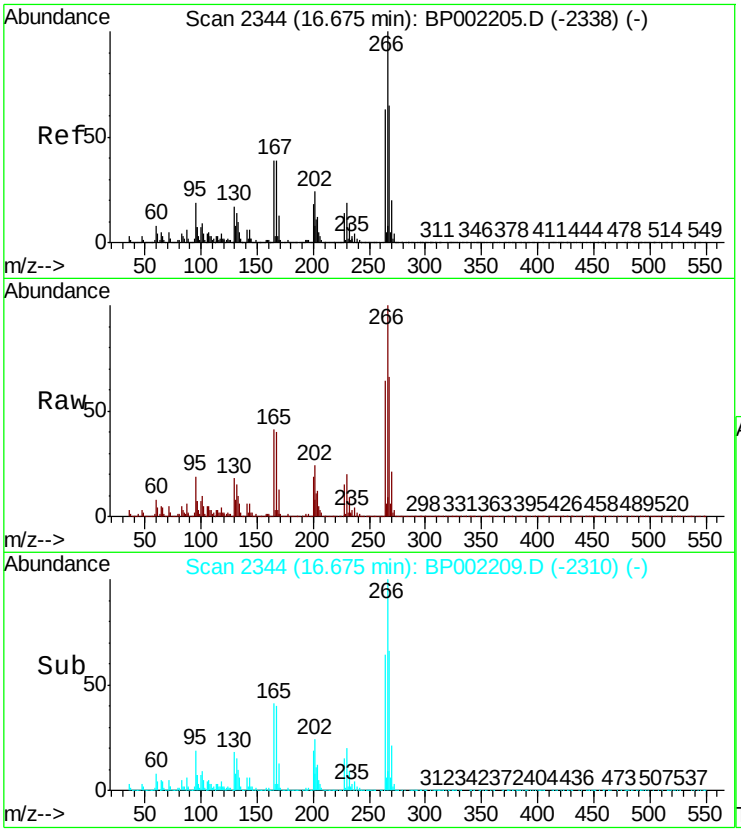


#67
Hexachlorobenzene
Concen: 40.262 ng/ul
RT: 16.33 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Tgt Ion:284 Resp: 831398

Ion	Ratio	Lower	Upper
284	100		
142	29.5	24.5	36.7
249	30.3	24.9	37.3



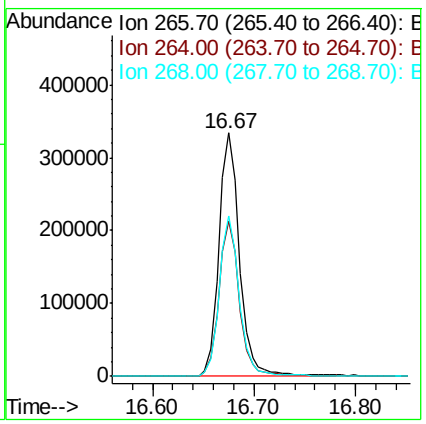


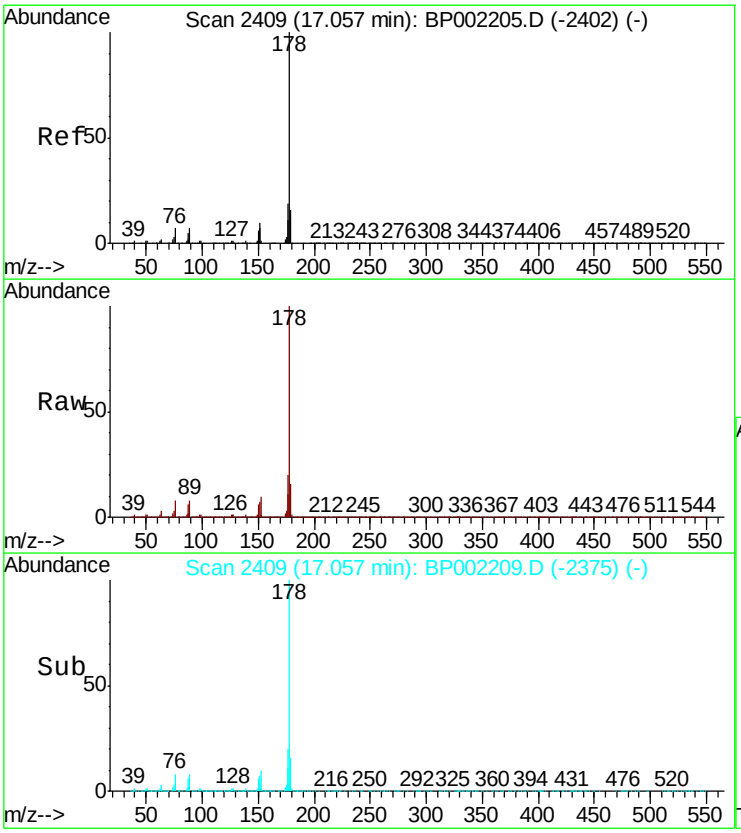
#69
Pentachlorophenol
Concen: 37.093 ng/ul
RT: 16.67 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Instrument :
BNA_P
ClientSampleId :
DBER9

Tgt Ion:266 Resp: 472987

Ion	Ratio	Lower	Upper
266	100		
264	63.7	50.1	75.1
268	66.0	50.3	75.5

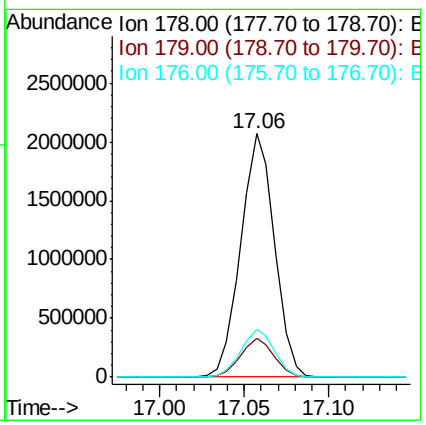


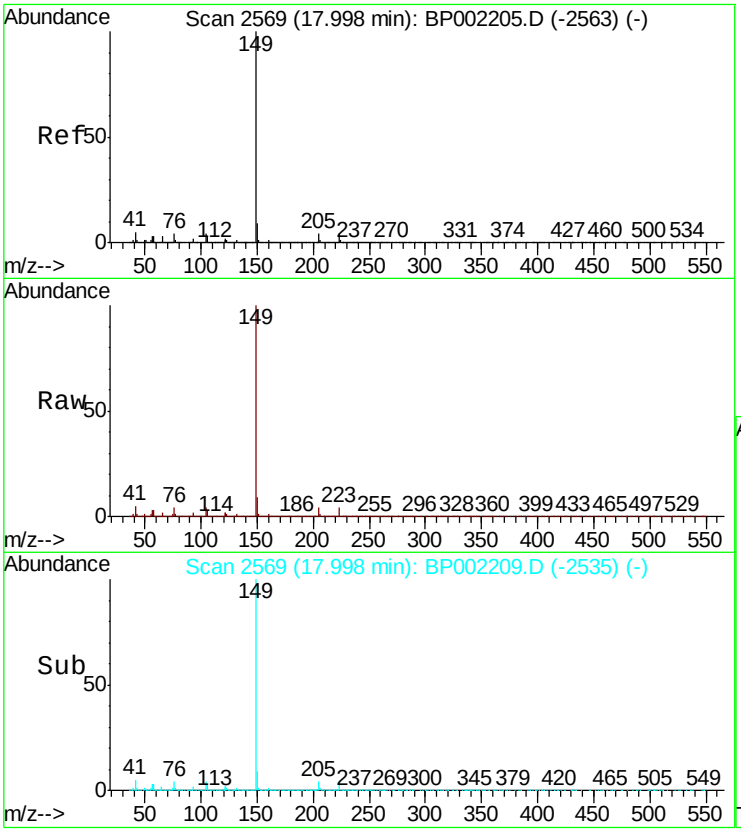


#70
Phenanthrene
Concen: 32.978 ng/ul
RT: 17.06 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Tgt Ion:178 Resp: 2882938

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.2
176	19.7	14.9	22.3



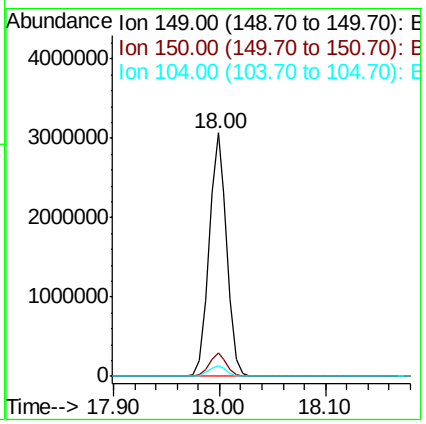


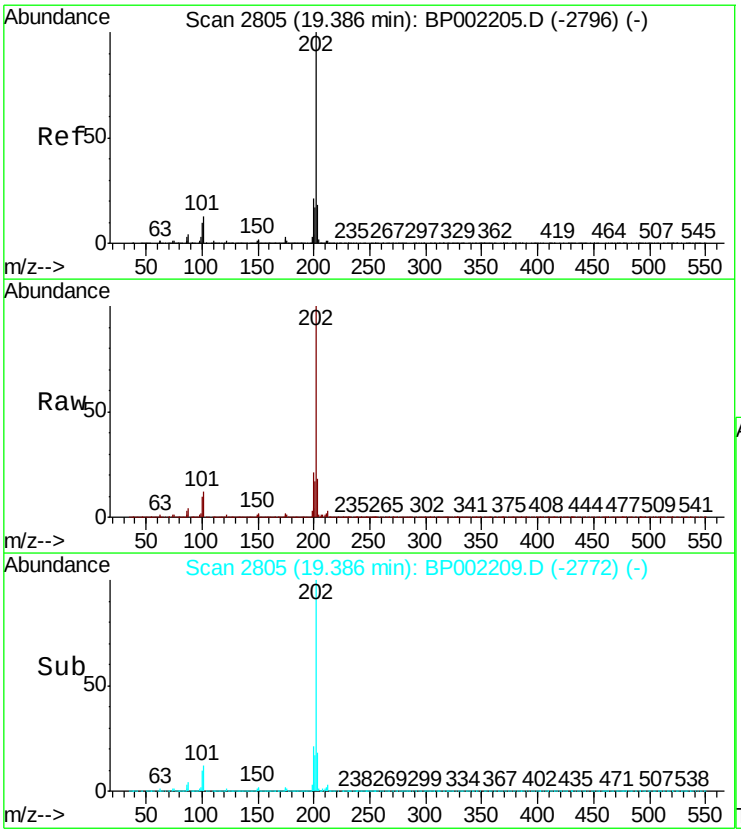
#76
Di-n-butylphthalate
Concen: 38.188 ng/ul
RT: 18.00 min Scan# 2569
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Instrument :
BNA_P
ClientSampleId :
DBER9

Tgt Ion:149 Resp: 3567814

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	4.5	3.7	5.5

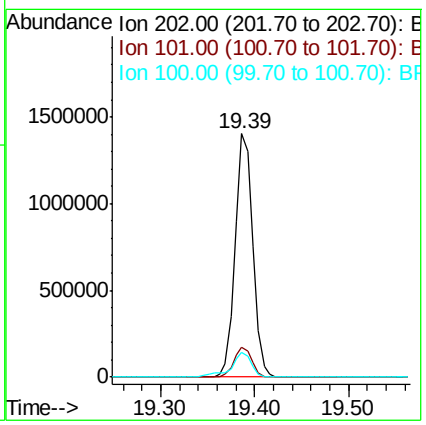


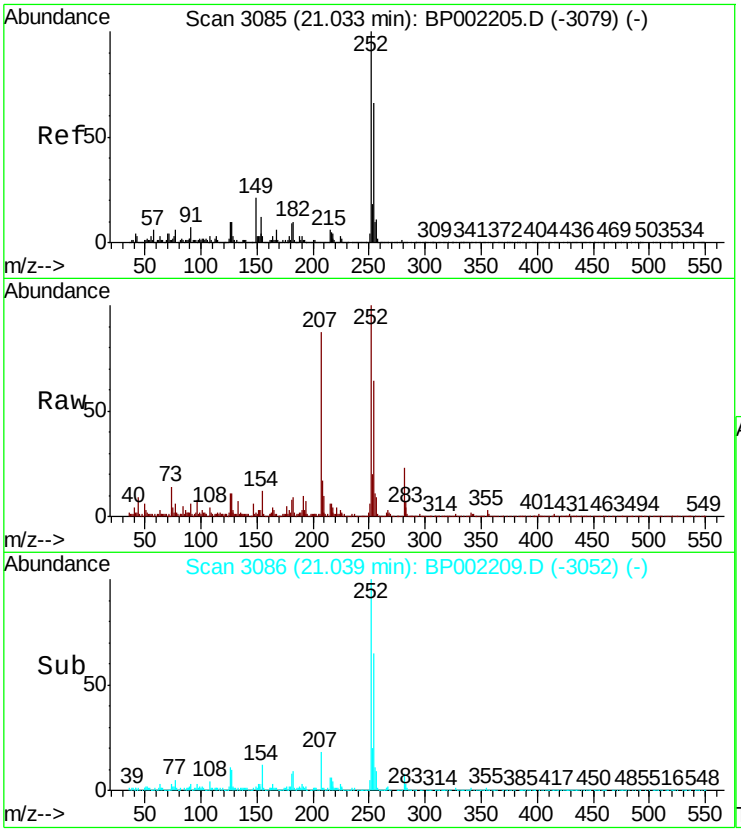


#80
Pyrene
Concen: 17.405 ng/ul
RT: 19.39 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Tgt Ion:202 Resp: 1826804

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.3	13.9
100	10.2	7.6	11.4



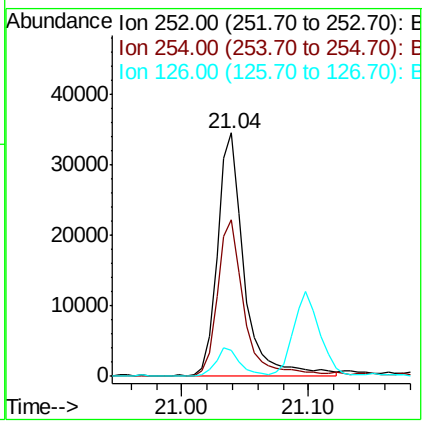


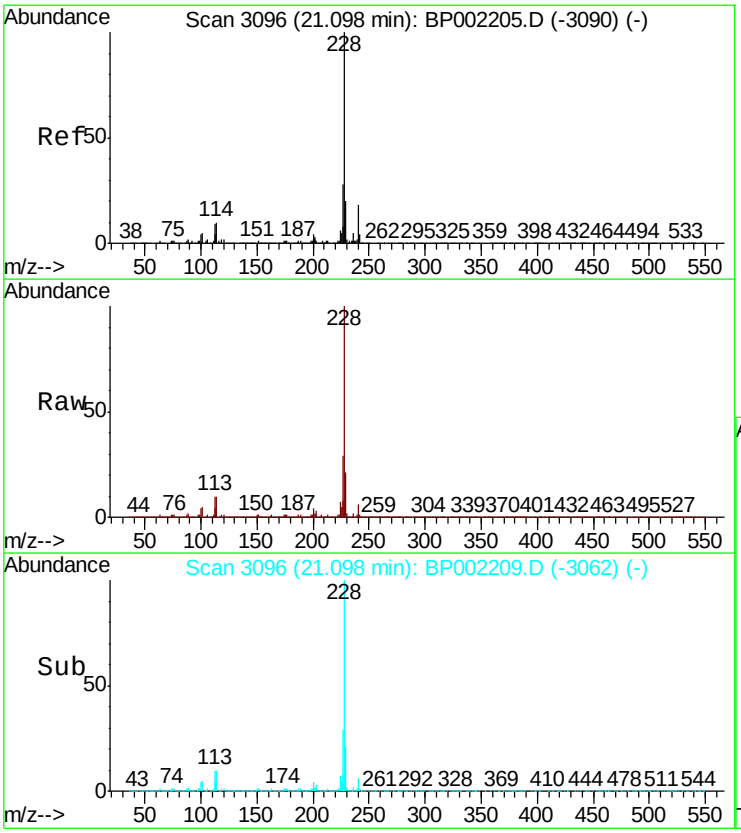
#82
3,3'-Dichlorobenzidine
Concen: 1.413 ng/ul
RT: 21.04 min Scan# 3086
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Instrument :
BNA_P
ClientSampleId :
DBER9

Tgt Ion:252 Resp: 49727

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.0	76.6
126	10.7	8.8	13.2

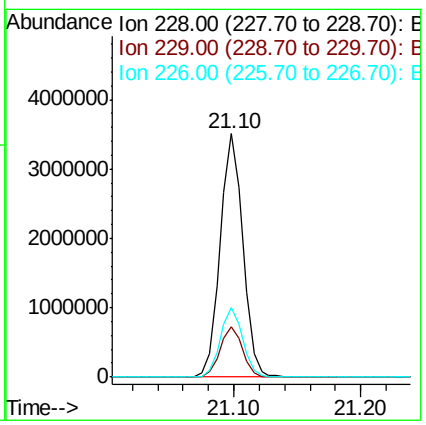


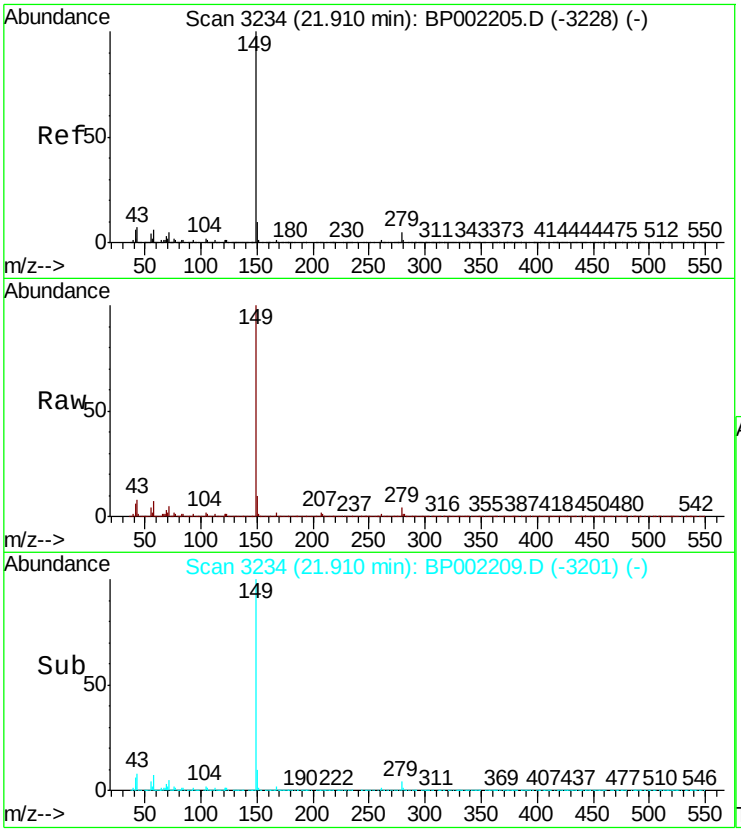


#83
Benzo(a)anthracene
Concen: 41.835 ng/ul
RT: 21.10 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Tgt Ion:228 Resp: 4363163

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	28.5	21.4	32.0

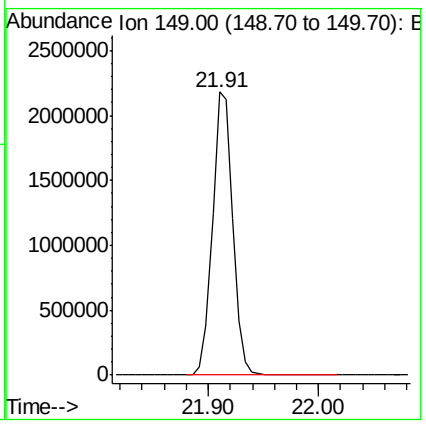


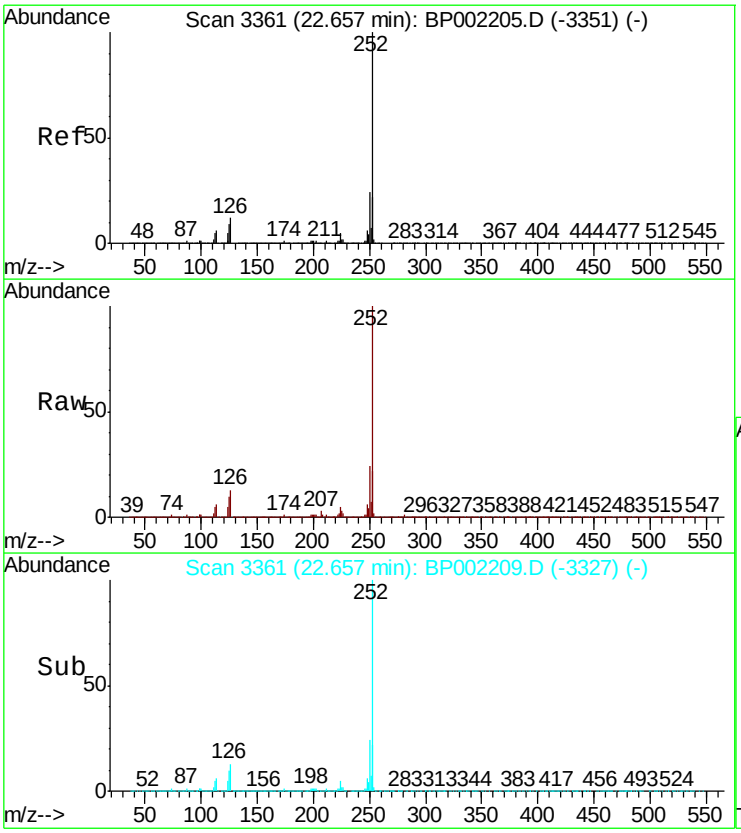


#87
Di-n-octyl phthalate
Concen: 26.645 ng/ul
RT: 21.91 min Scan# 3234
Delta R.T. -0.01 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Instrument :
BNA_P
ClientSampleId :
DBER9

Tgt Ion:149 Resp: 2736123

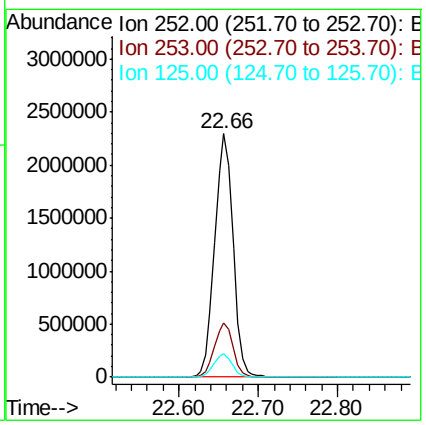


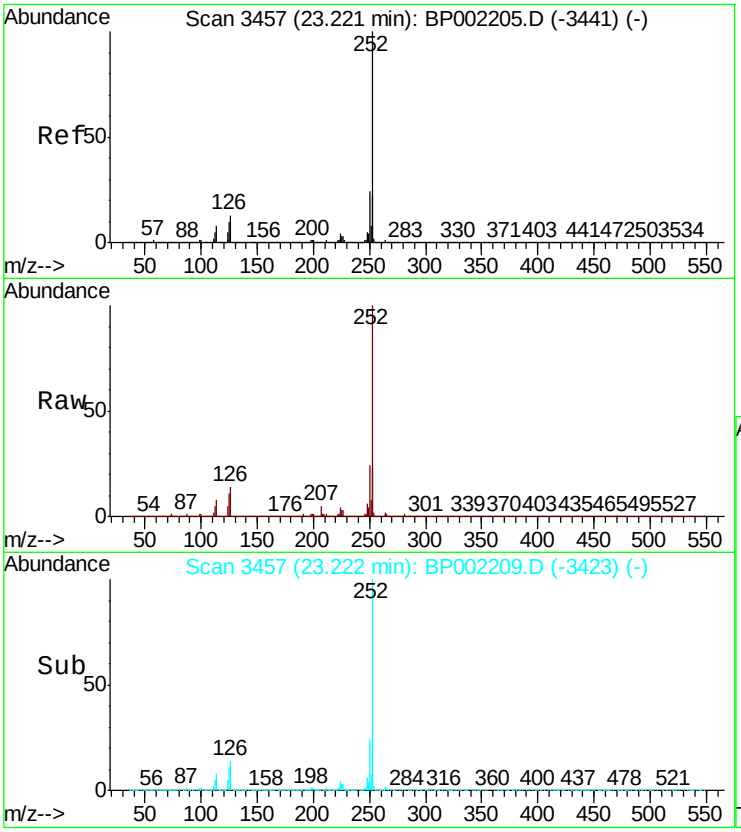


#88
Benzo(b)fluoranthene
Concen: 33.709 ng/ul
RT: 22.66 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Tgt Ion:252 Resp: 3680619

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.7	7.4	11.0



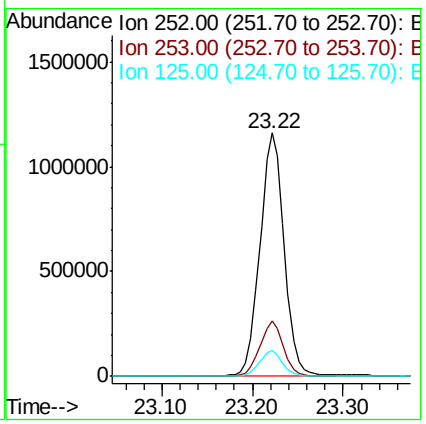


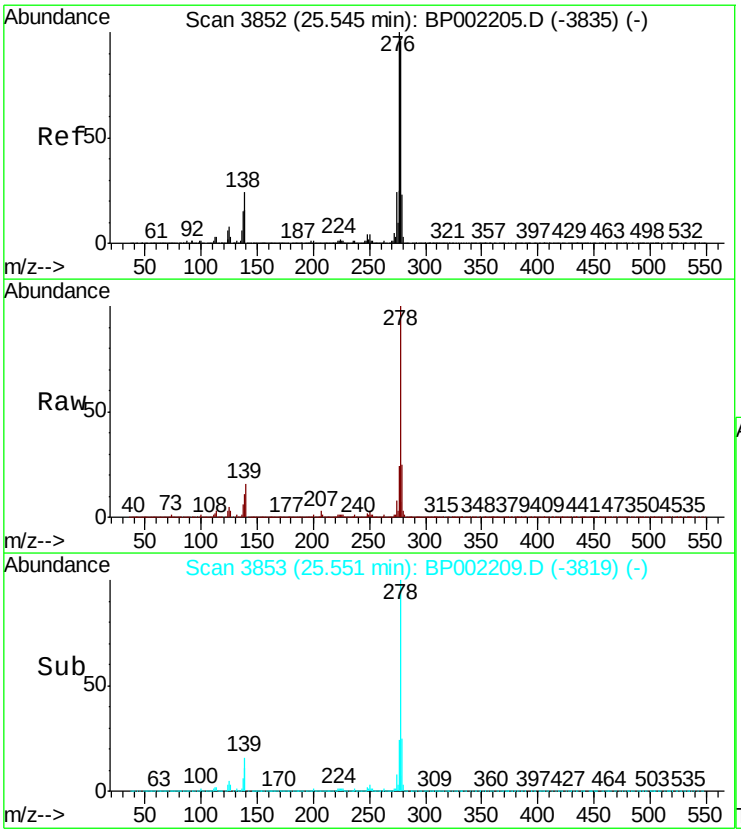
#91
Benzo(a)pyrene
Concen: 21.703 ng/ul
RT: 23.22 min Scan# 3457
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Instrument :
BNA_P
ClientSampleId :
DBER9

Tgt Ion:252 Resp: 2151186

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	10.6	8.2	12.2

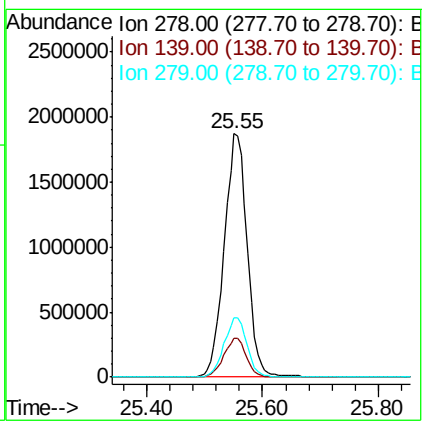


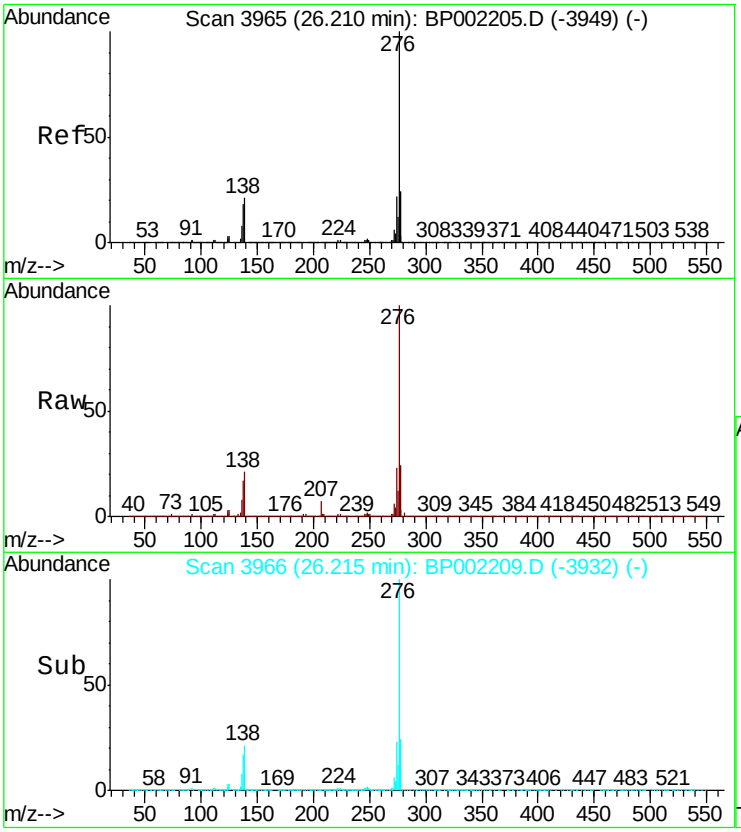


#93
Dibenzo(a,h)anthracene
Concen: 48.381 ng/ul
RT: 25.55 min Scan# 3853
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Tgt Ion:278 Resp: 5138977

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.1	18.1
279	24.6	19.1	28.7





#94
Benzo(g,h,i)perylene
Concen: 24.973 ng/ul
RT: 26.22 min Scan# 3966
Delta R.T. 0.00 min
Lab File: BP002209.D
Acq: 13 Mar 2020 10:31

Instrument :
BNA_P
ClientSampleId :
DBER9

Tgt Ion:276 Resp: 2708204

Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.2	24.2
277	23.9	18.1	27.1