Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004433.D
Acq On : 24 Dec 2020 15:10
Operator : CG/JU
Sample : L5132-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54S6

Quant Time: Dec 24 15:37:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 13:54:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	221779	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	810137	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.47	164	432392	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.24	188	892485	20.00	ng/ul	0.01
78) Chrysene-d12	21.33	240	1003339	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1108168	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	27137	5.09	ng/uL	0.00
5) Phenol-d5	7.00	99	522351	27.13	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	308245	28.54	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	447979	28.45	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	398144	25.96	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	216230	30.84	ng/ul	0.01
22) 2-Nitrophenol-d4	9.71	143	227631	29.77	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	412411	29.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	393193	24.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1224902	35.39	ng/ul	0.01
47) Acenaphthylene-d8	14.17	160	1538473	35.79	ng/ul	0.01
52) 4-Nitrophenol-d4	14.68	143	182349	29.16	ng/ul	0.01
58) Fluorene-d10	15.47	176	1061144	35.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	136428	23.69	ng/ul	0.01
71) Anthracene-d10	17.34	188	1702724	38.62	ng/ul	0.01
79) Pyrene-d10	19.58	212	2031917	37.91	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.55	264	2537970	41.58	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	81729	14.997	ng/uL	97
4) Benzaldehyde	6.97	77	278682	29.486	ng/ul	98
6) Phenol	7.02	94	809043	41.766	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.25	93	481032	31.027	ng/ul	99
17) Hexachloroethane	8.90	117	323886	47.883	ng/ul	98
20) Nitrobenzene	9.03	77	289914	17.955	ng/ul	99
23) 2-Nitrophenol	9.74	139	274356	34.371	ng/ul	99
28) Naphthalene	10.68	128	1723935	37.877	ng/ul	99
34) 2-Methylnaphthalene	12.29	142	1560428	49.702	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	325249	21.119	ng/ul	99
40) 2,4,5-Trichlorophenol	12.98	196	581801	57.756	ng/ul	99
41) 1,1'-Biphenyl	13.31	154	1390634	39.371	ng/ul	99
42) 2-Chloronaphthalene	13.35	162	1073839	38.099	ng/ul	99
48) Acenaphthylene	14.20	152	1371290	32.658	ng/ul	100
50) Acenaphthene	14.54	153	908874	30.895	ng/ul	98
53) 4-Nitrophenol	14.70	109	107304	24.453	ng/ul	96
54) Dibenzofuran	14.88	168	690405	16.667	ng/ul	99
55) 2,4-Dinitrotoluene	14.85	165	248680	23.999	ng/ul	100
57) Diethylphthalate	15.30	149	673656	19.750	ng/ul	99
59) Fluorene	15.53	166	1221505	36.391	ng/ul	99
67) Hexachlorobenzene	16.55	284	218576	17.436	ng/ul	93
70) Phenanthrene	17.28	178	1709471	32.983	ng/ul	100
72) Anthracene	17.37	178	2654644	51.145	ng/ul	100

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004433.D
Acq On : 24 Dec 2020 15:10
Operator : CG/JU
Sample : L5132-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54S6

Quant Time: Dec 24 15:37:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 13:54:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Fluoranthene	19.26	202	1996720	33.963	ng/ul	99
80) Pyrene	19.61	202	1788036	26.169	ng/ul	99
83) Benzo(a)anthracene	21.32	228	1691444	25.012	ng/ul	99
85) Chrysene	21.37	228	1390792	21.302	ng/ul	100
87) Di-n-octyl phthalate	22.16	149	1306241	19.993	ng/ul	100
88) Benzo(b)fluoranthene	22.98	252	3185661	44.074	ng/ul	99
89) Benzo(k)fluoranthene	23.03	252	1640845	23.398	ng/ul	99
91) Benzo(a)pyrene	23.59	252	1643399	24.650	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.12	276	2188683	25.982	ng/ul	97
93) Dibenzo(a,h)anthracene	26.14	278	1234628	17.598	ng/ul	98
94) Benzo(g,h,i)perylene	26.87	276	2959913	41.883	ng/ul	98

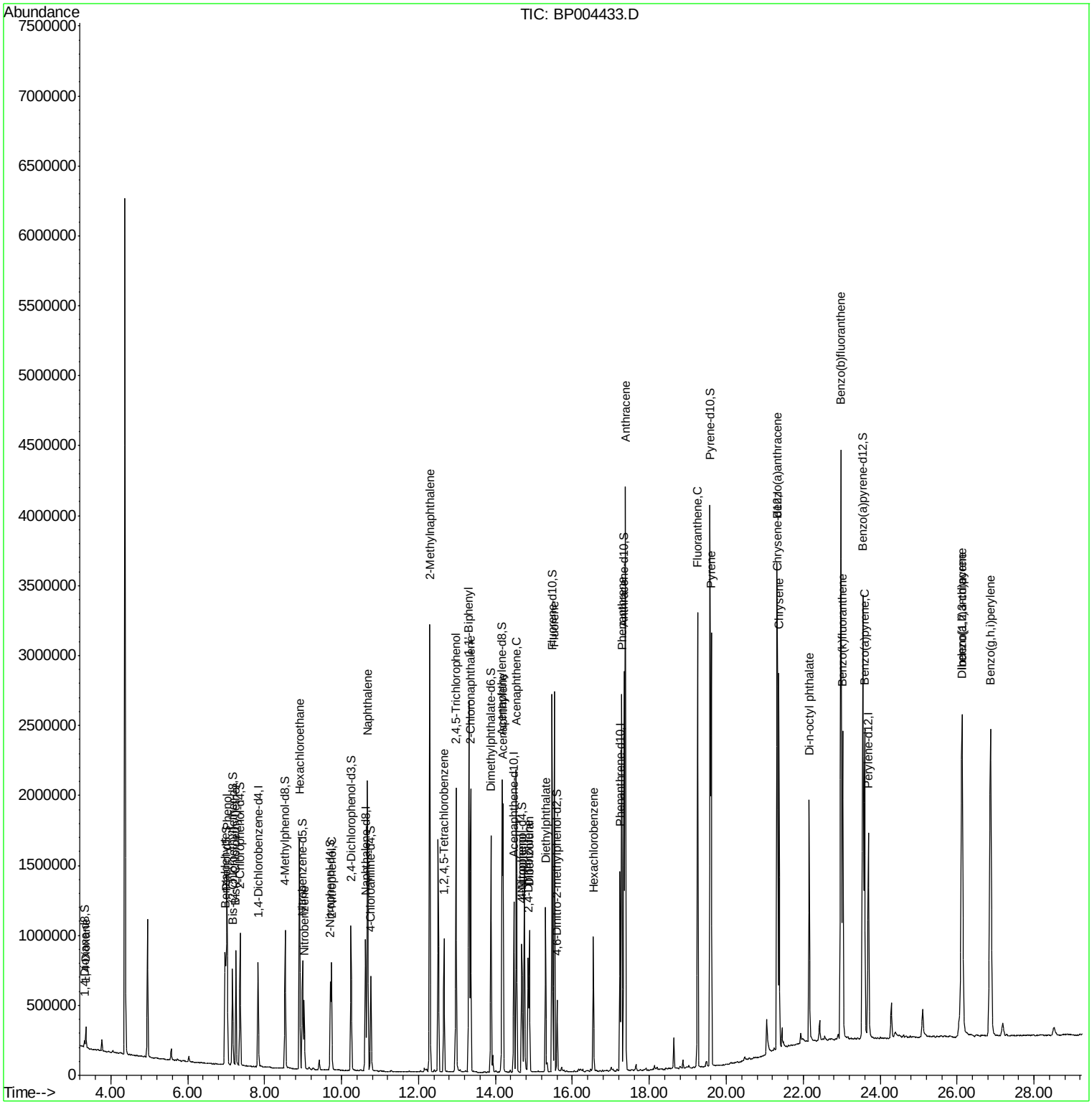
(#) = qualifier out of range (m) = manual integration (+) = signals summed

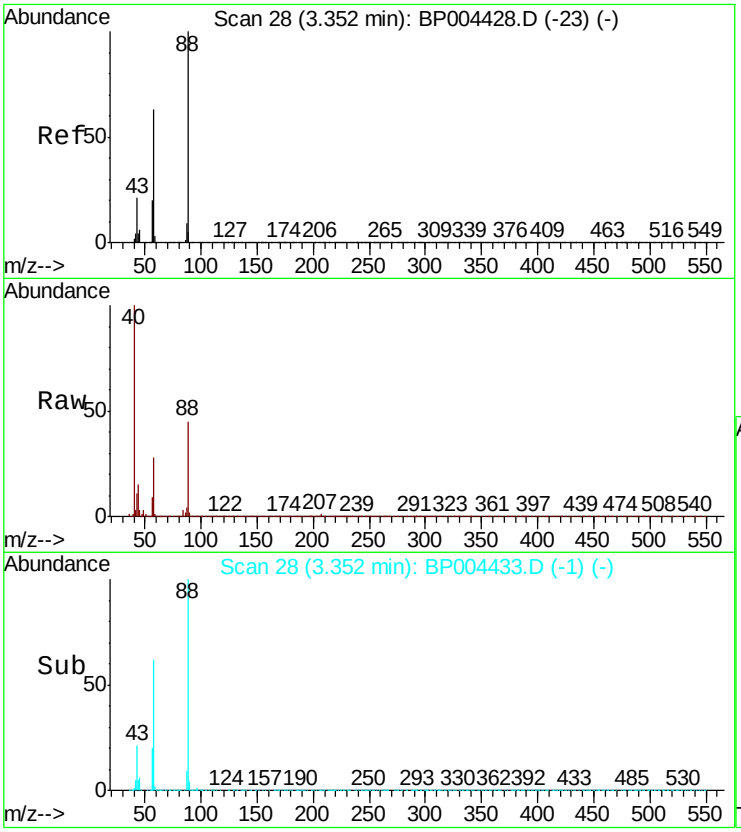
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004433.D
Acq On : 24 Dec 2020 15:10
Operator : CG/JU
Sample : L5132-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54S6

Quant Time: Dec 24 15:37:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 13:54:26 2020
Response via : Initial Calibration



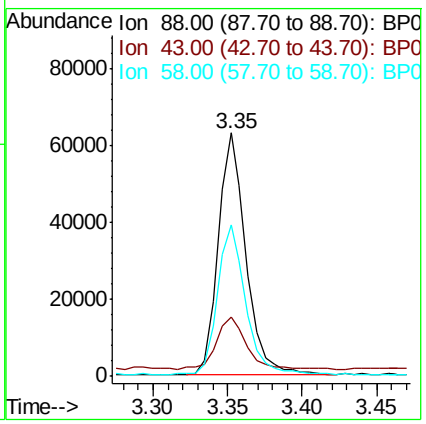


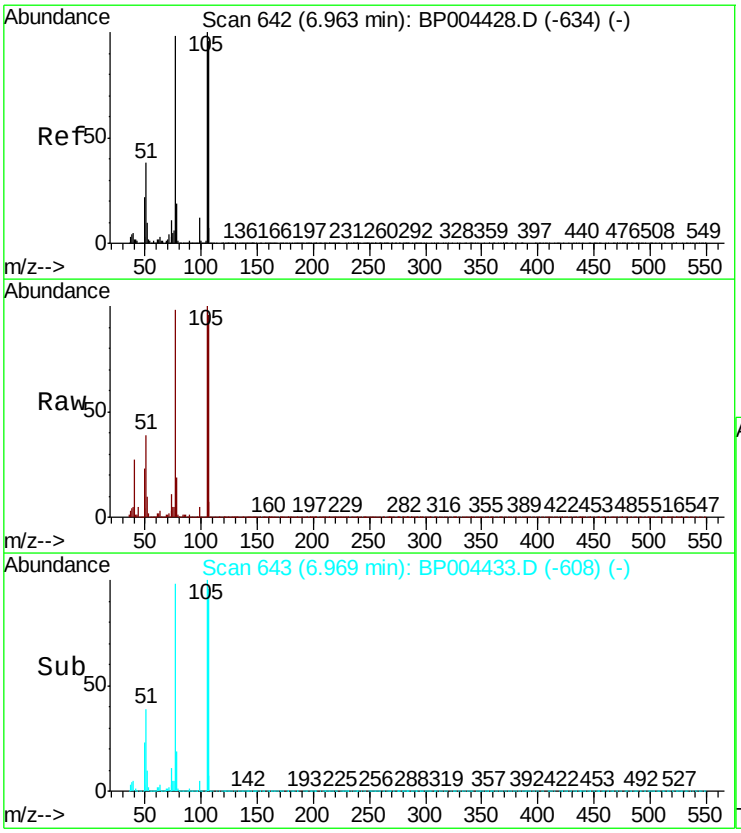
#2
1,4-Dioxane
Concen: 14.997 ng/uL
RT: 3.35 min Scan# 28
Delta R.T. 0.00 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Instrument :
BNA_P
ClientSampleId :
A54S6

Tgt Ion: 88 Resp: 81729

Ion	Ratio	Lower	Upper
88	100		
43	24.4	22.7	34.1
58	62.0	49.9	74.9

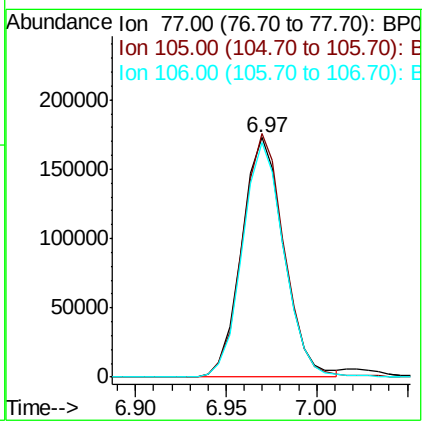


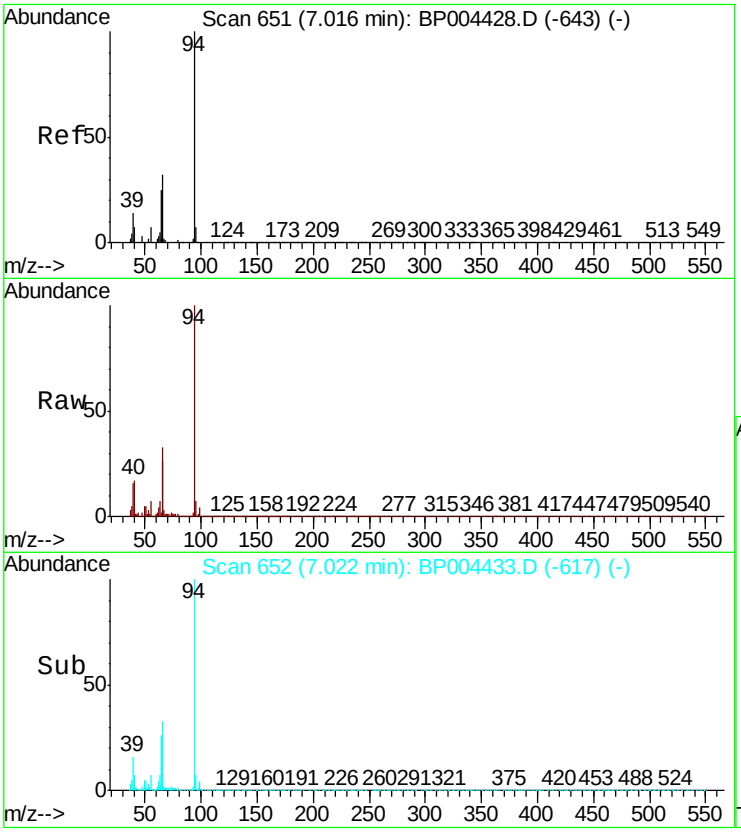


#4
Benzaldehyde
Concen: 29.486 ng/ul
RT: 6.97 min Scan# 643
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Tgt Ion: 77 Resp: 278682

Ion	Ratio	Lower	Upper
77	100		
105	101.6	80.7	121.1
106	97.8	75.0	112.4



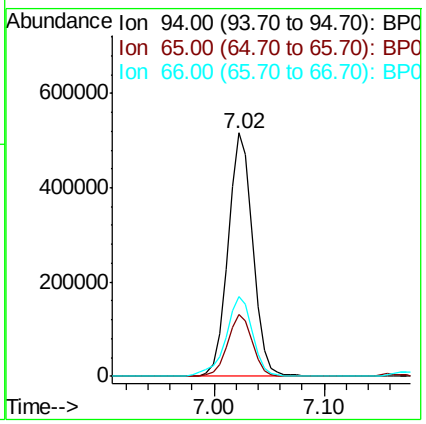


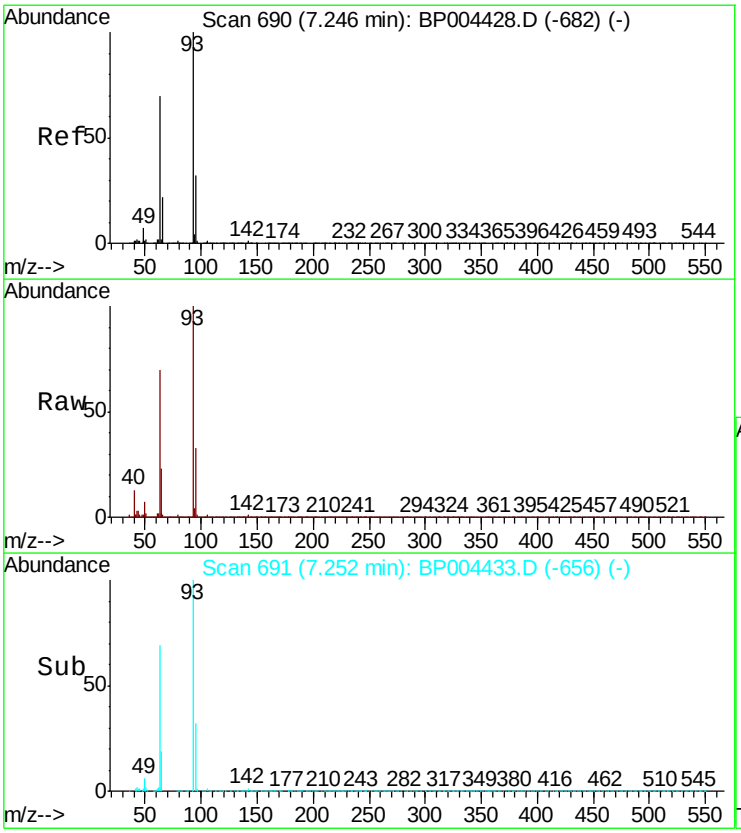
#6
Phenol
Concen: 41.766 ng/ul
RT: 7.02 min Scan# 652
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Instrument :
BNA_P
ClientSampleId :
A54S6

Tgt Ion: 94 Resp: 809043

Ion	Ratio	Lower	Upper
94	100		
65	25.6	20.3	30.5
66	32.9	26.2	39.2

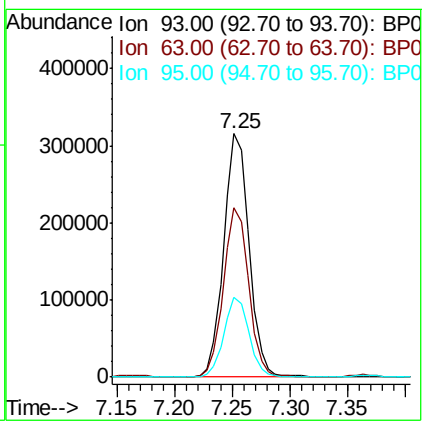


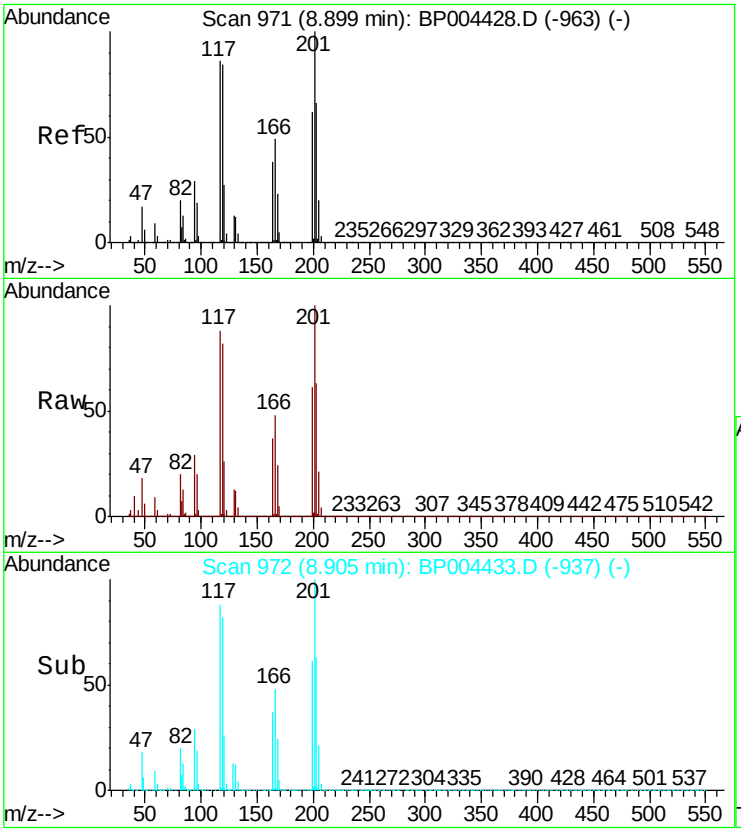


#8
Bis(2-Chloroethyl)ether
Concen: 31.027 ng/ul
RT: 7.25 min Scan# 691
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Tgt Ion: 93 Resp: 481032

Ion	Ratio	Lower	Upper
93	100		
63	69.6	56.6	84.8
95	32.5	25.8	38.6



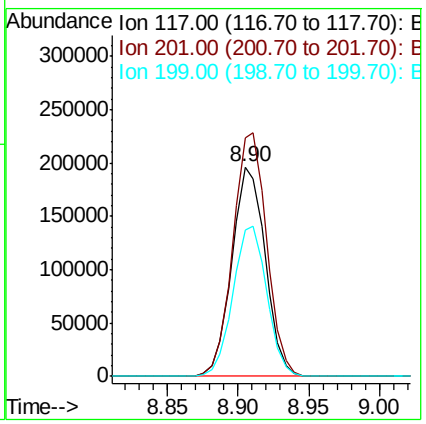


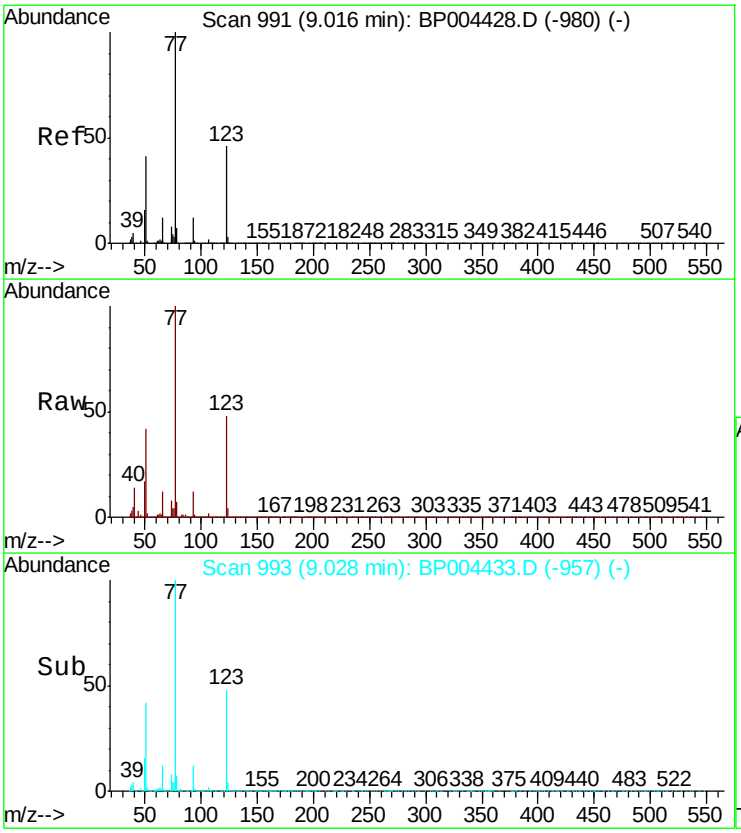
#17
Hexachloroethane
Concen: 47.883 ng/ul
RT: 8.90 min Scan# 972
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Instrument :
BNA_P
ClientSampleId :
A54S6

Tgt Ion:117 Resp: 323886

Ion	Ratio	Lower	Upper
117	100		
201	113.8	91.0	136.6
199	69.8	58.6	88.0

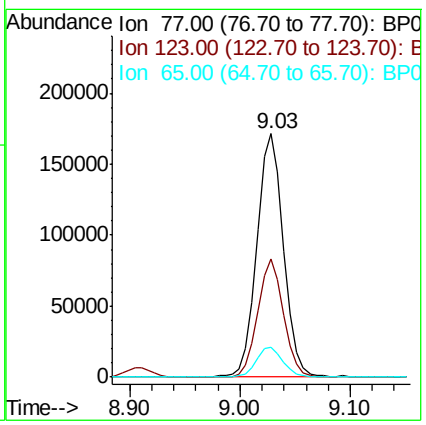


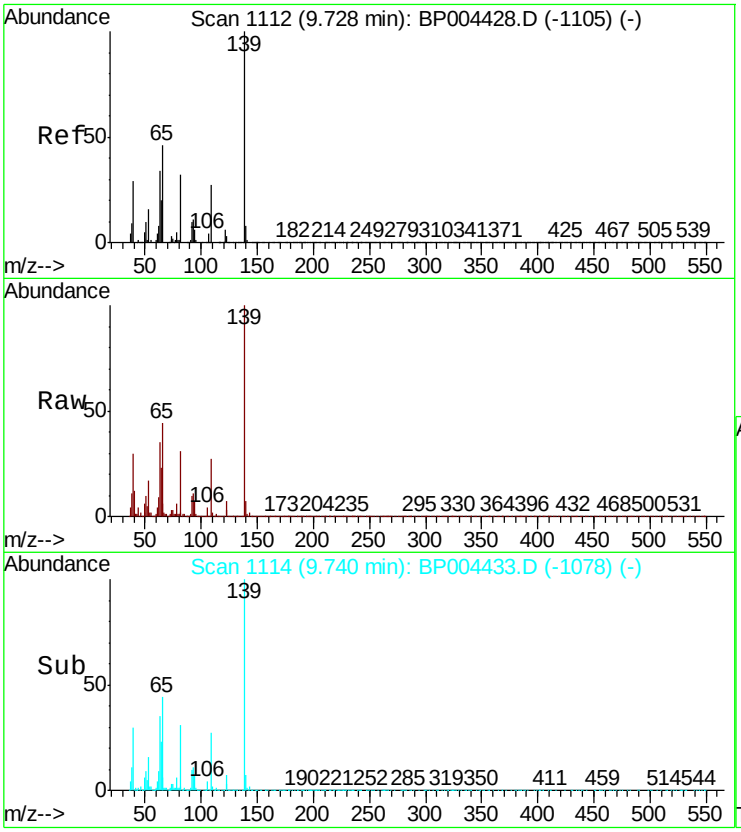


#20
Nitrobenzene
Concen: 17.955 ng/ul
RT: 9.03 min Scan# 993
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Tgt Ion: 77 Resp: 289914

Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.2	57.2
65	12.4	9.8	14.8



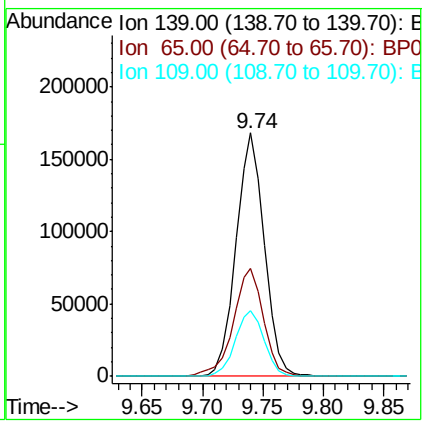


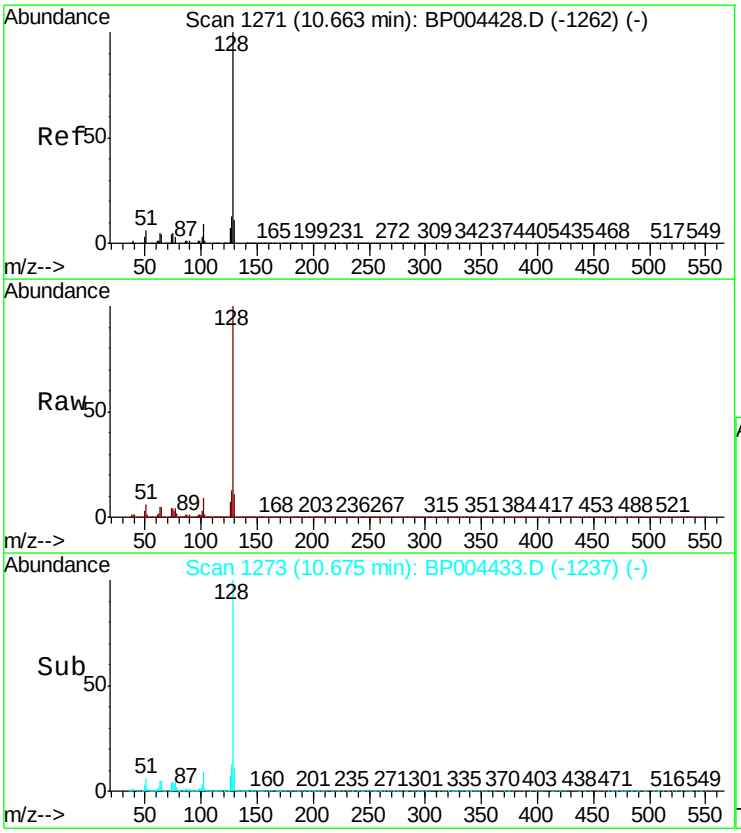
#23
2-Nitrophenol
Concen: 34.371 ng/ul
RT: 9.74 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Instrument :
BNA_P
ClientSampleId :
A54S6

Tgt Ion:139 Resp: 274356

Ion	Ratio	Lower	Upper
139	100		
65	44.4	36.5	54.7
109	26.9	21.7	32.5

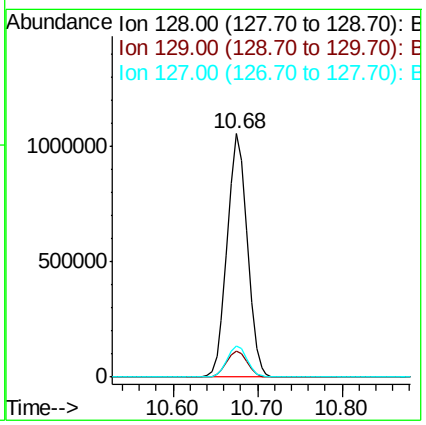


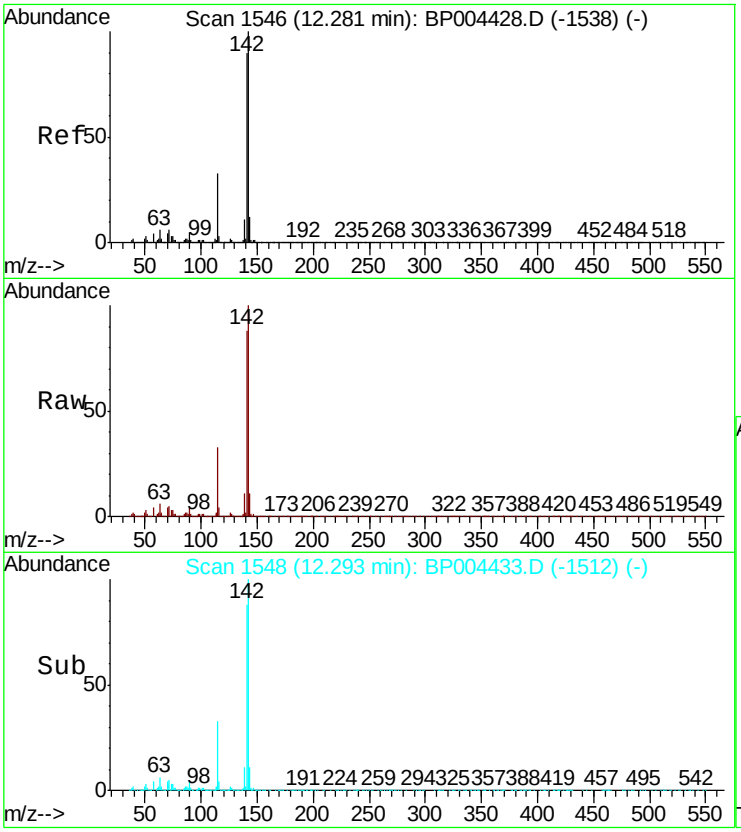


#28
Naphthalene
Concen: 37.877 ng/ul
RT: 10.68 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Tgt Ion:128 Resp: 1723935

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.9	10.4	15.6



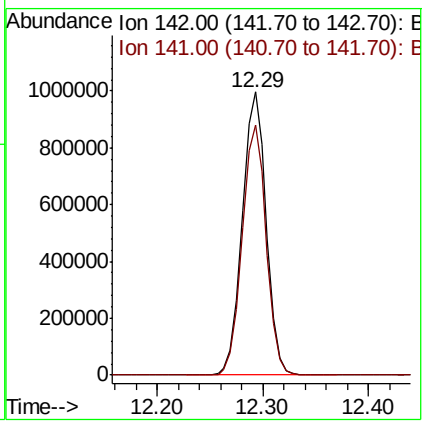


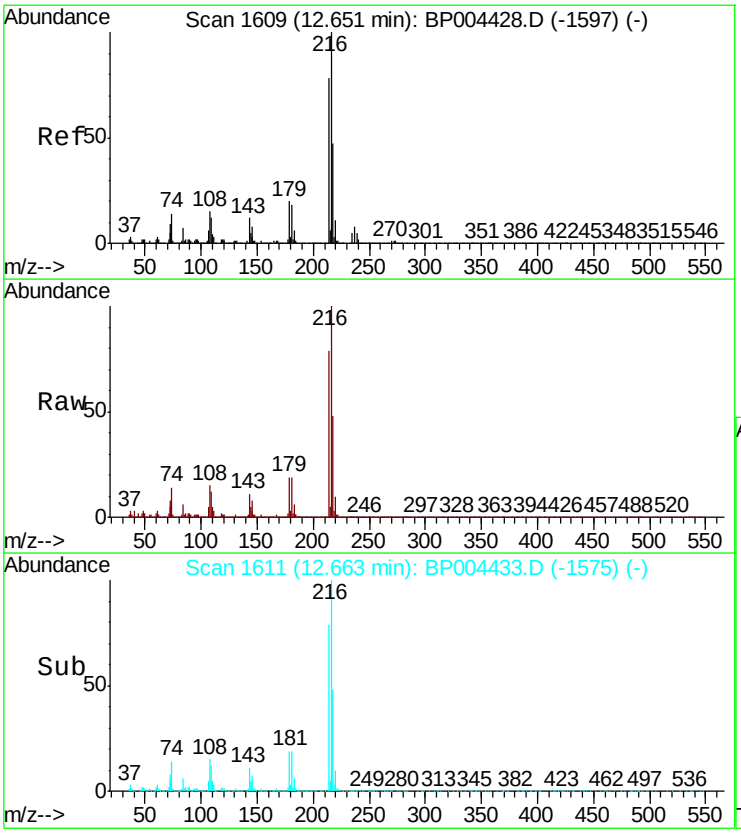
#34
2-Methylnaphthalene
Concen: 49.702 ng/ul
RT: 12.29 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Instrument :
BNA_P
ClientSampleId :
A54S6

Tgt Ion:142 Resp: 1560428

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.2	106.8

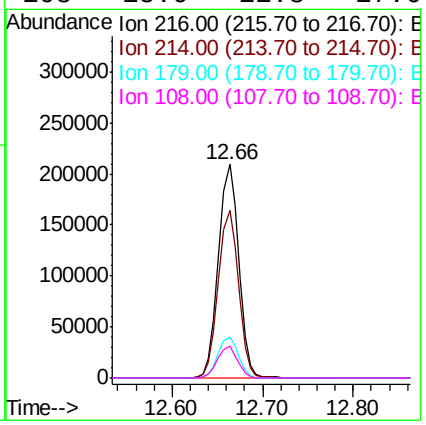


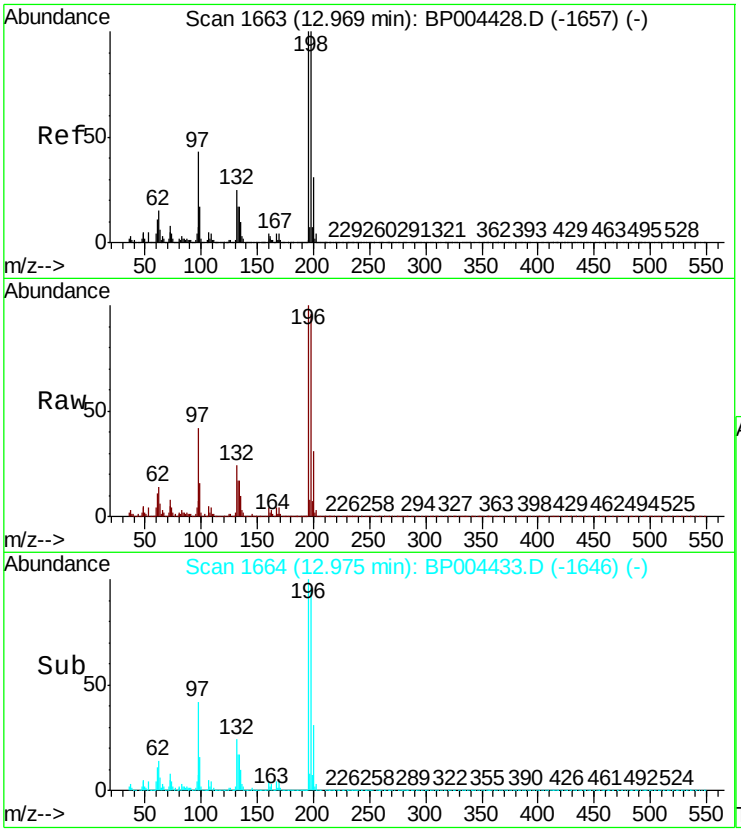


#37
1,2,4,5-Tetrachlorobenzene
Concen: 21.119 ng/ul
RT: 12.66 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Tgt Ion:216 Resp: 325249

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.5	93.7
179	19.3	15.6	23.4
108	15.0	11.8	17.6



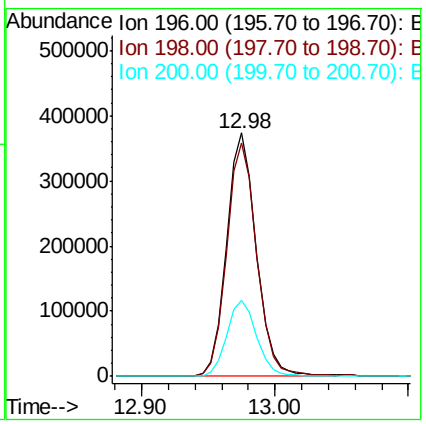


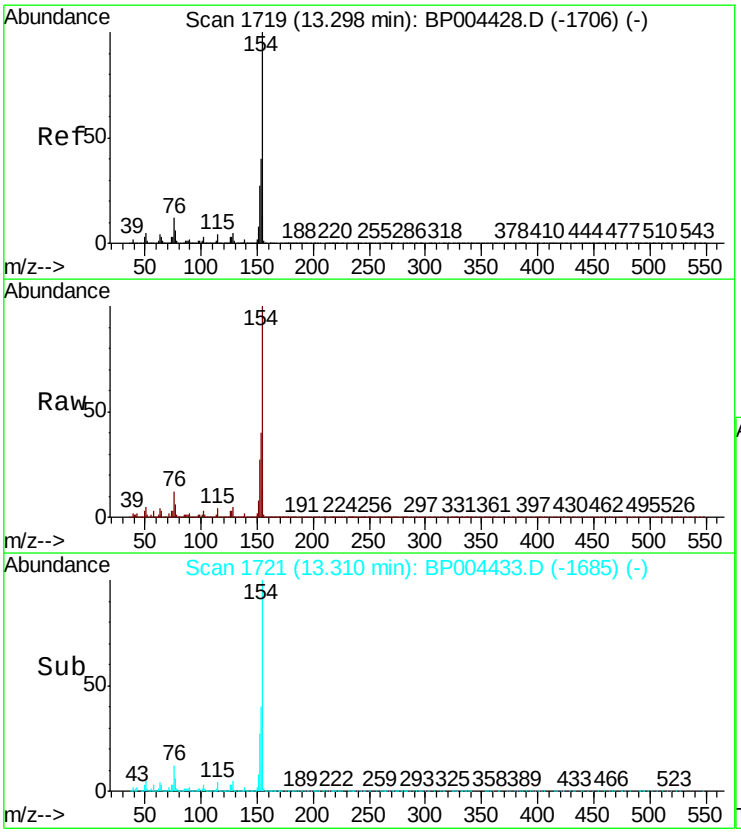
#40
2,4,5-Trichlorophenol
Concen: 57.756 ng/ul
RT: 12.98 min Scan# 1664
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Instrument :
BNA_P
ClientSampleId :
A54S6

Tgt Ion:196 Resp: 581801

Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.2	115.8
200	31.0	25.1	37.7

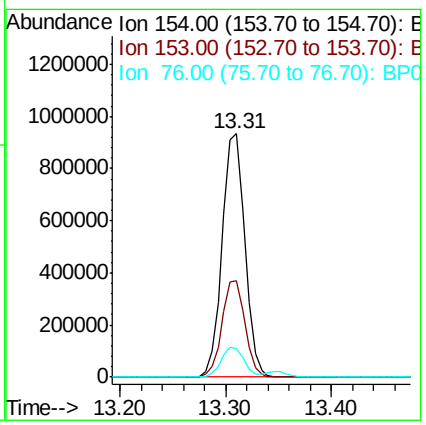


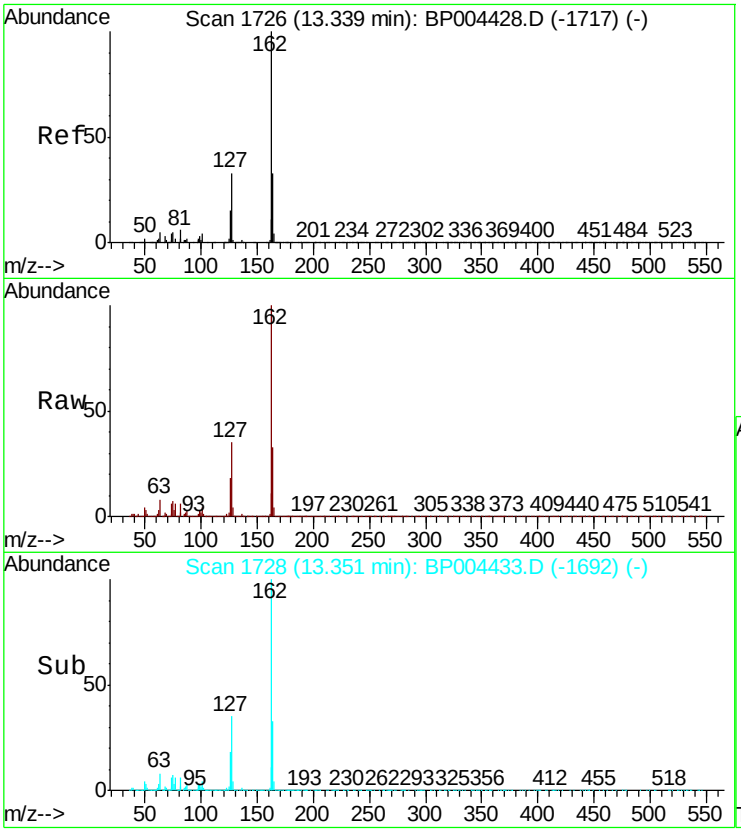


#41
1,1'-Biphenyl
Concen: 39.371 ng/ul
RT: 13.31 min Scan# 1721
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Tgt Ion:154 Resp: 1390634

Ion	Ratio	Lower	Upper
154	100		
153	39.8	32.4	48.6
76	11.9	10.0	15.0



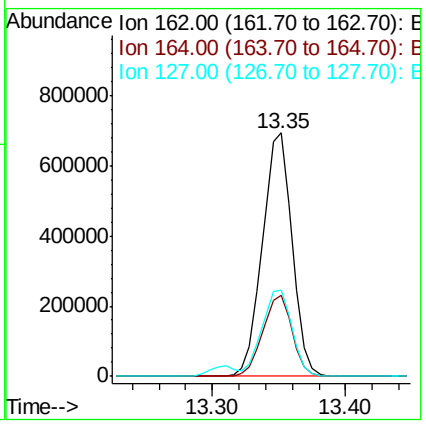


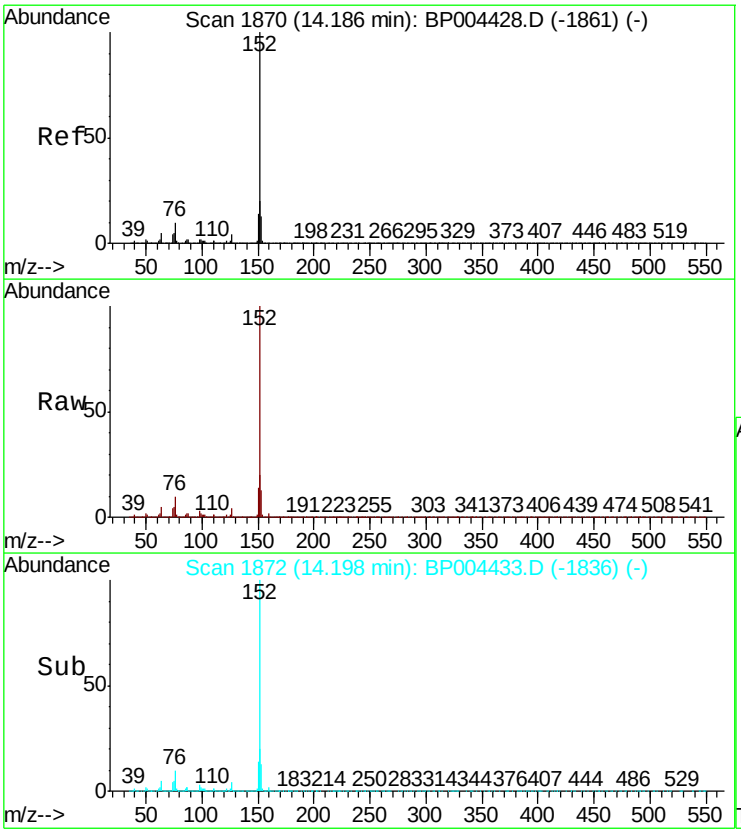
#42
2-Chloronaphthalene
Concen: 38.099 ng/ul
RT: 13.35 min Scan# 1728
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Instrument :
BNA_P
ClientSampleId :
A54S6

Tgt Ion:162 Resp: 1073839

Ion	Ratio	Lower	Upper
162	100		
164	33.3	26.2	39.4
127	35.2	29.0	43.6

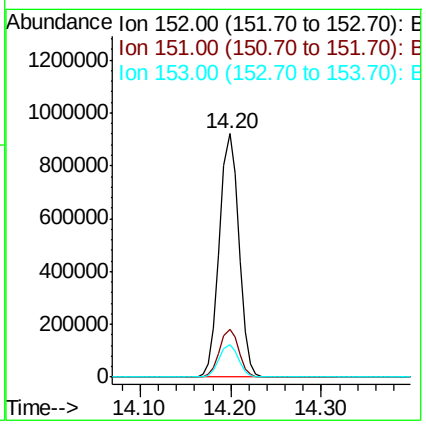


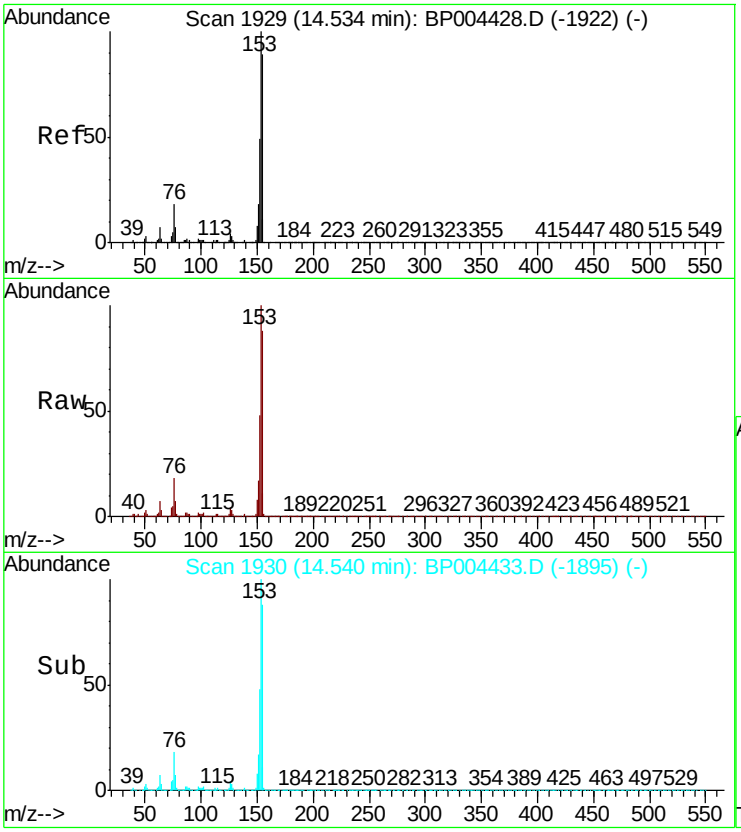


#48
Acenaphthylene
Concen: 32.658 ng/ul
RT: 14.20 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Tgt Ion:152 Resp: 1371290

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.3	10.6	15.8



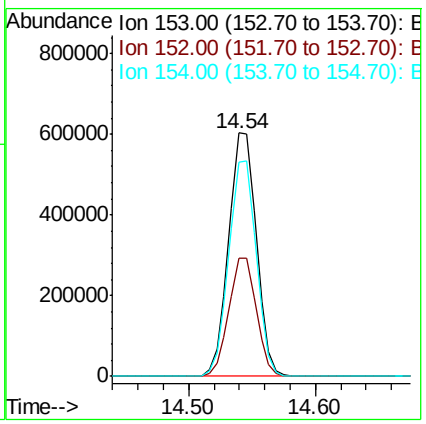


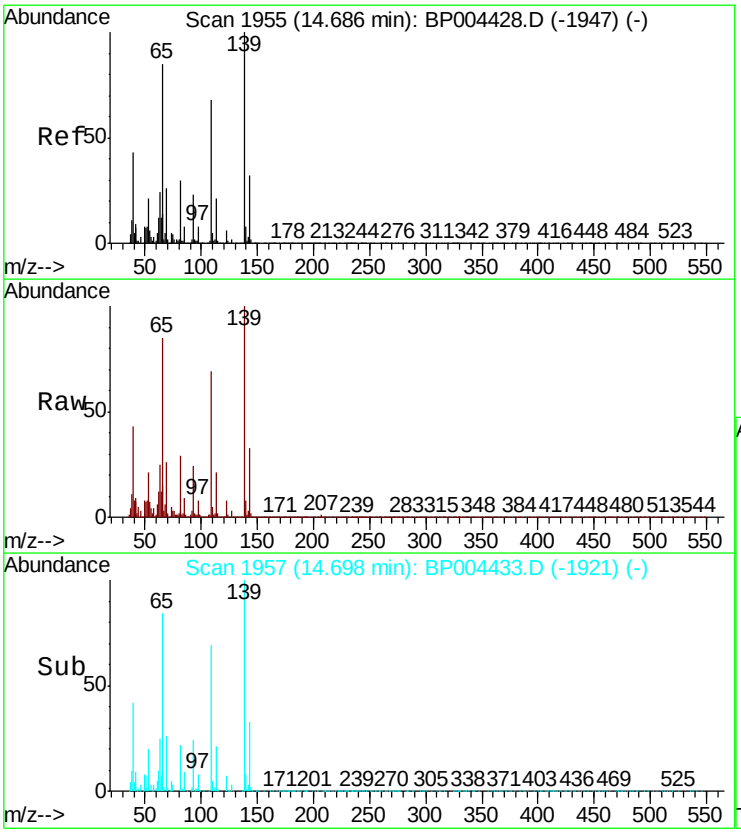
#50
Acenaphthene
Concen: 30.895 ng/ul
RT: 14.54 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Instrument :
BNA_P
ClientSampleId :
A54S6

Tgt Ion:153 Resp: 908874

Ion	Ratio	Lower	Upper
153	100		
152	48.4	37.8	56.8
154	87.7	71.4	107.0

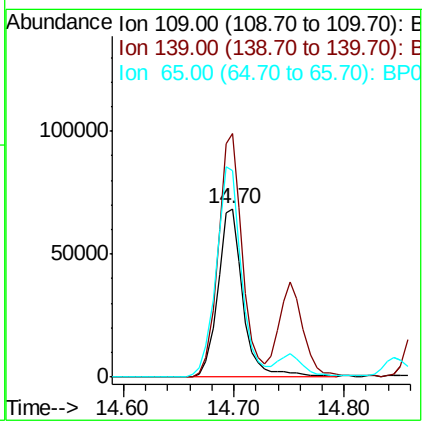


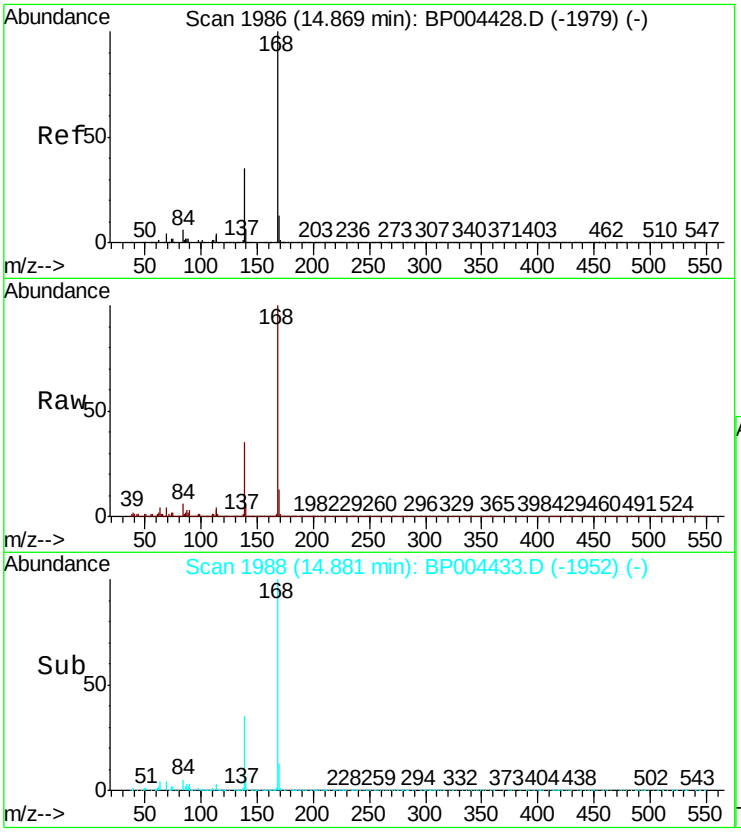


#53
4-Nitrophenol
Concen: 24.453 ng/ul
RT: 14.70 min Scan# 1957
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Tgt Ion:109 Resp: 107304

Ion	Ratio	Lower	Upper
109	100		
139	144.3	118.2	177.2
65	122.3	103.6	155.4



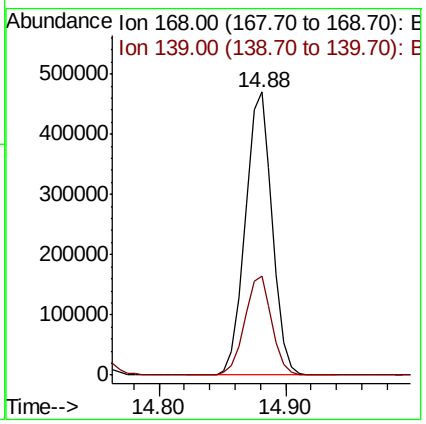


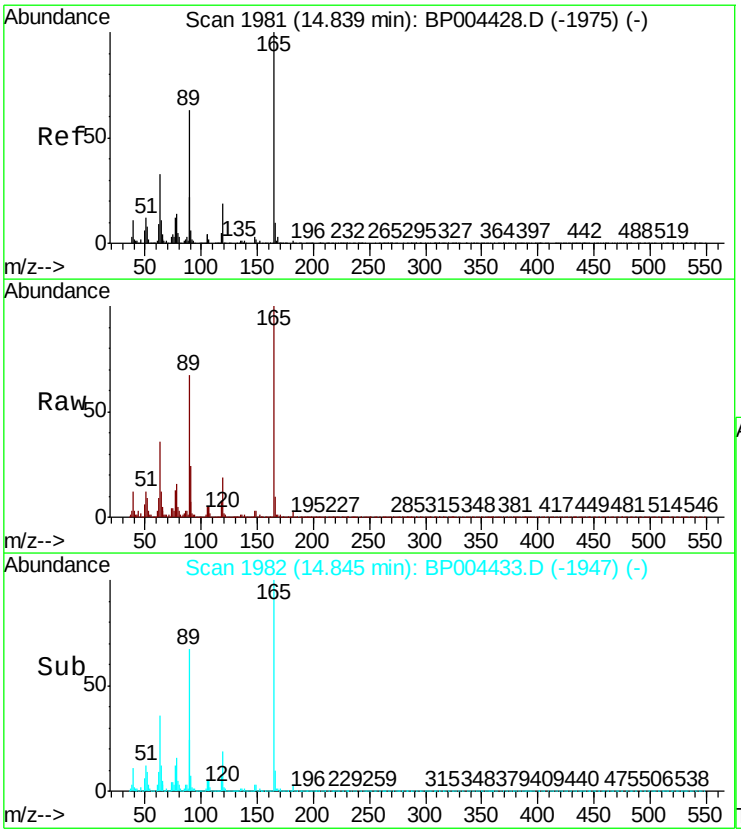
#54
Dibenzofuran
Concen: 16.667 ng/ul
RT: 14.88 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Instrument :
BNA_P
ClientSampleId :
A54S6

Tgt Ion:168 Resp: 690405

Ion	Ratio	Lower	Upper
168	100		
139	35.0	28.3	42.5

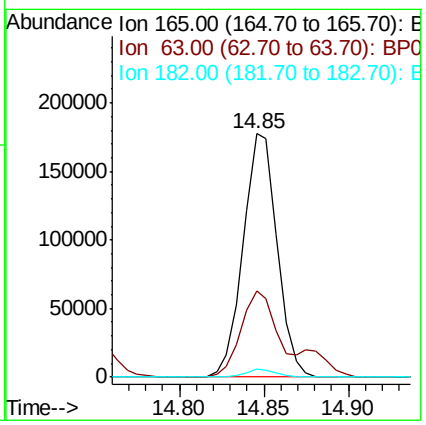


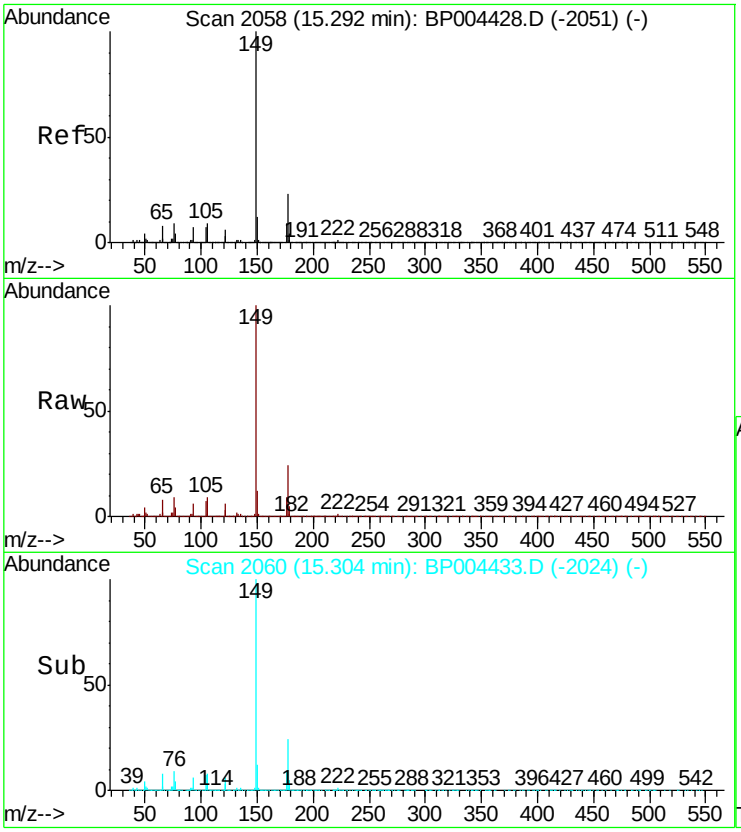


#55
2,4-Dinitrotoluene
Concen: 23.999 ng/ul
RT: 14.85 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Tgt Ion:165 Resp: 248680

Ion	Ratio	Lower	Upper
165	100		
63	35.7	28.4	42.6
182	3.1	2.2	3.4



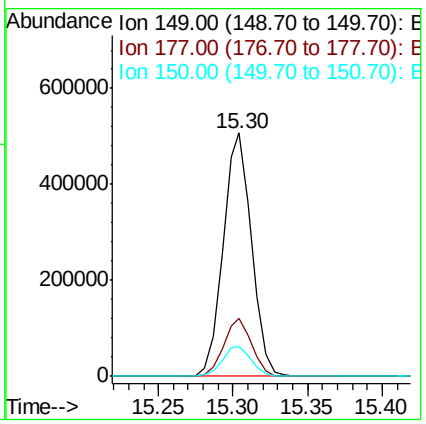


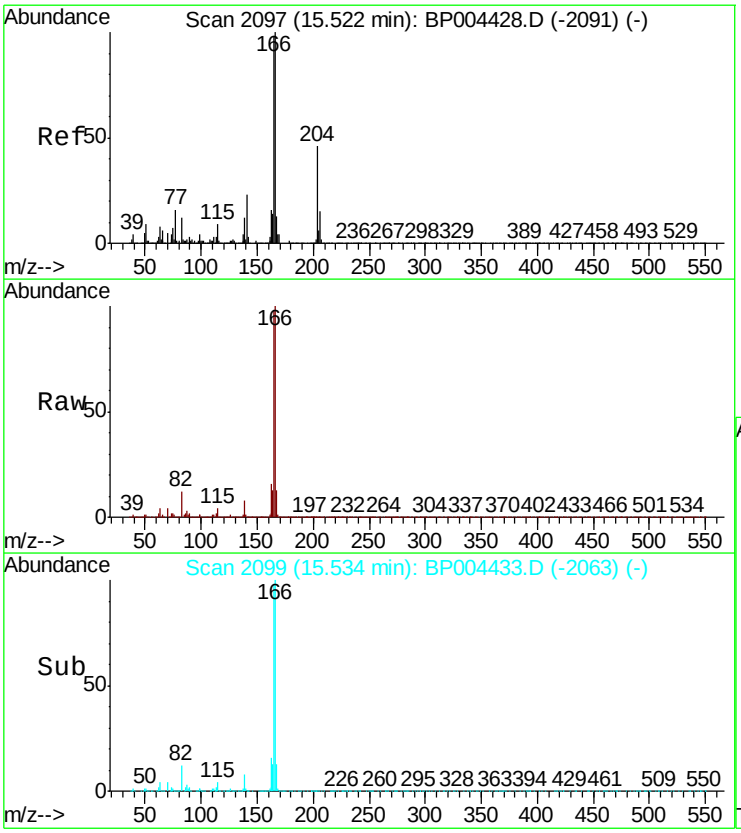
#57
Diethylphthalate
Concen: 19.750 ng/ul
RT: 15.30 min Scan# 2060
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Instrument :
BNA_P
ClientSampleId :
A54S6

Tgt Ion:149 Resp: 673656

Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.2	27.4
150	12.2	10.1	15.1

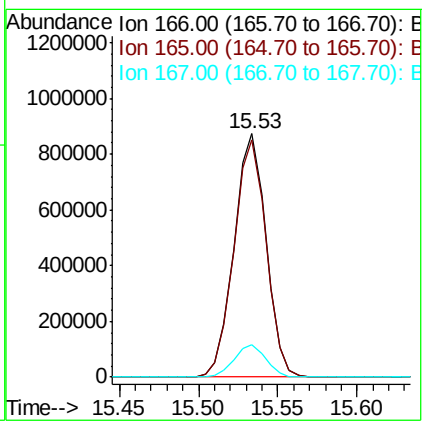


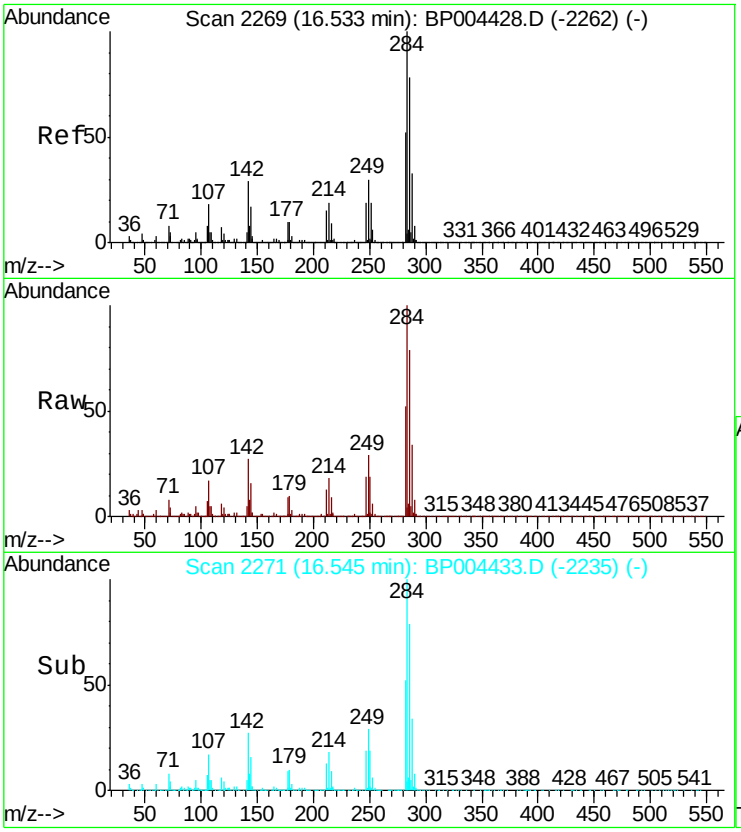


#59
Fluorene
Concen: 36.391 ng/ul
RT: 15.53 min Scan# 2099
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Tgt Ion:166 Resp: 1221505

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.2	118.8
167	13.3	10.8	16.2



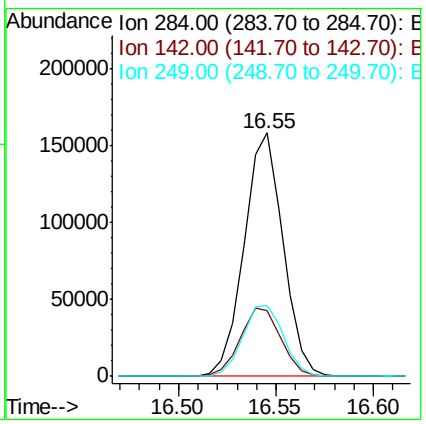


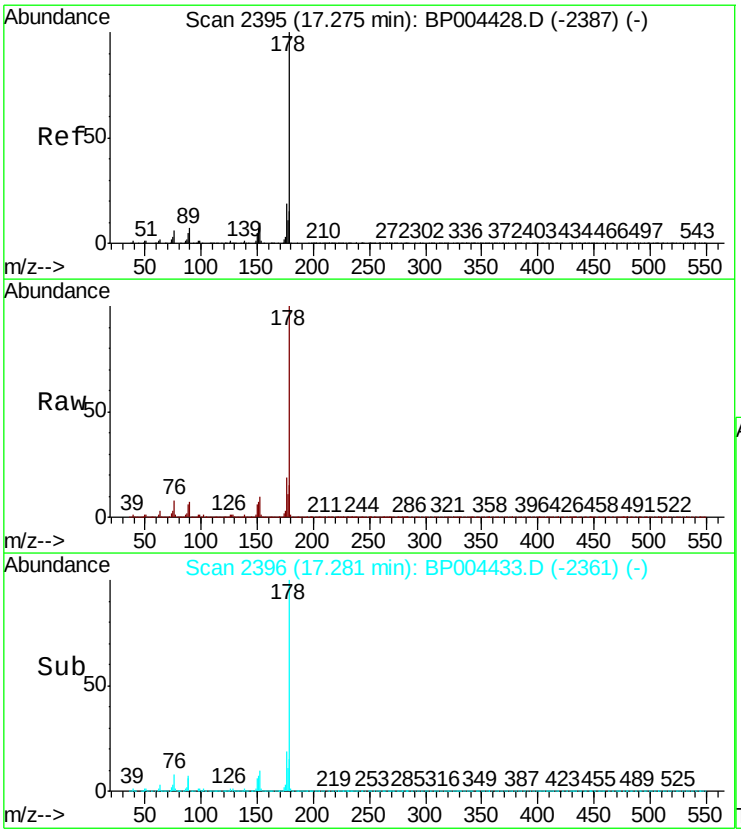
#67
Hexachlorobenzene
Concen: 17.436 ng/ul
RT: 16.55 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Instrument :
BNA_P
ClientSampleId :
A54S6

Tgt Ion:284 Resp: 218576

Ion	Ratio	Lower	Upper
284	100		
142	25.3	23.6	35.4
249	27.3	24.2	36.4

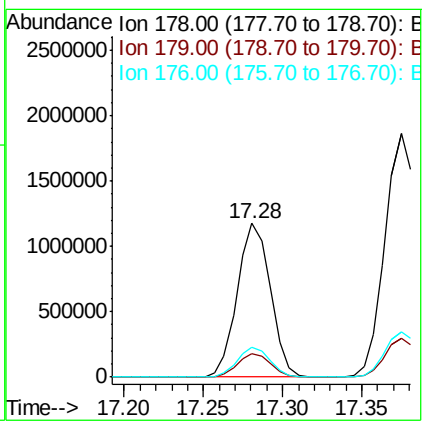


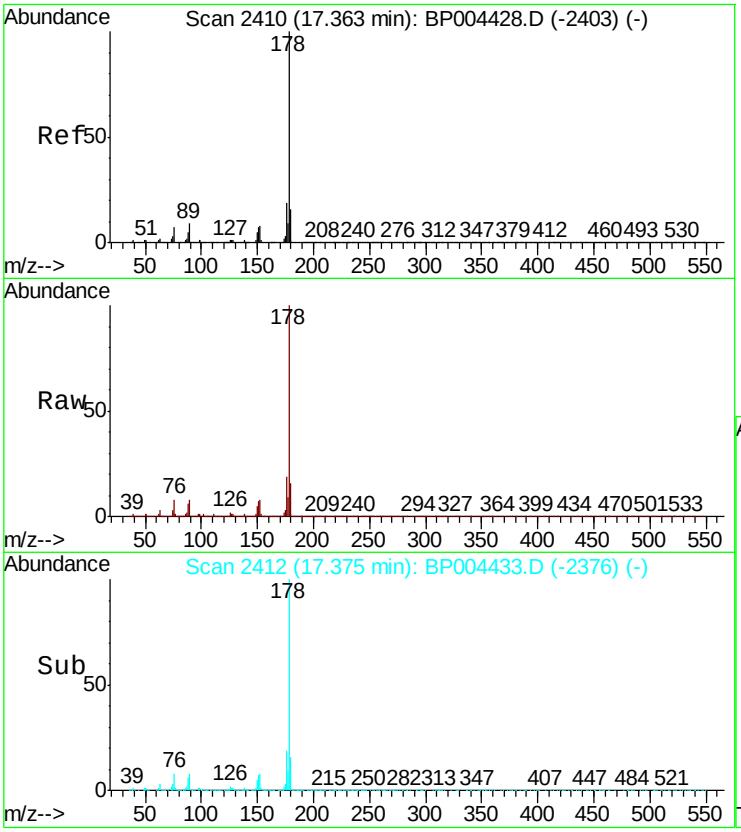


#70
Phenanthrene
Concen: 32.983 ng/ul
RT: 17.28 min Scan# 2396
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Tgt Ion:178 Resp: 1709471

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.3	15.3	22.9



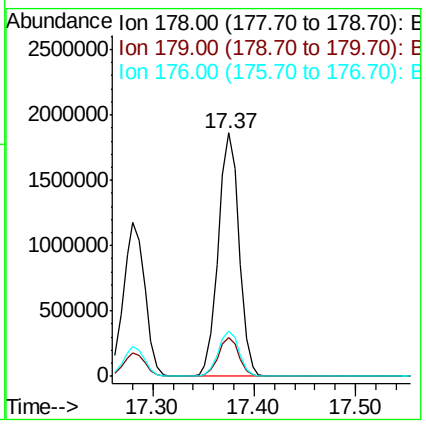


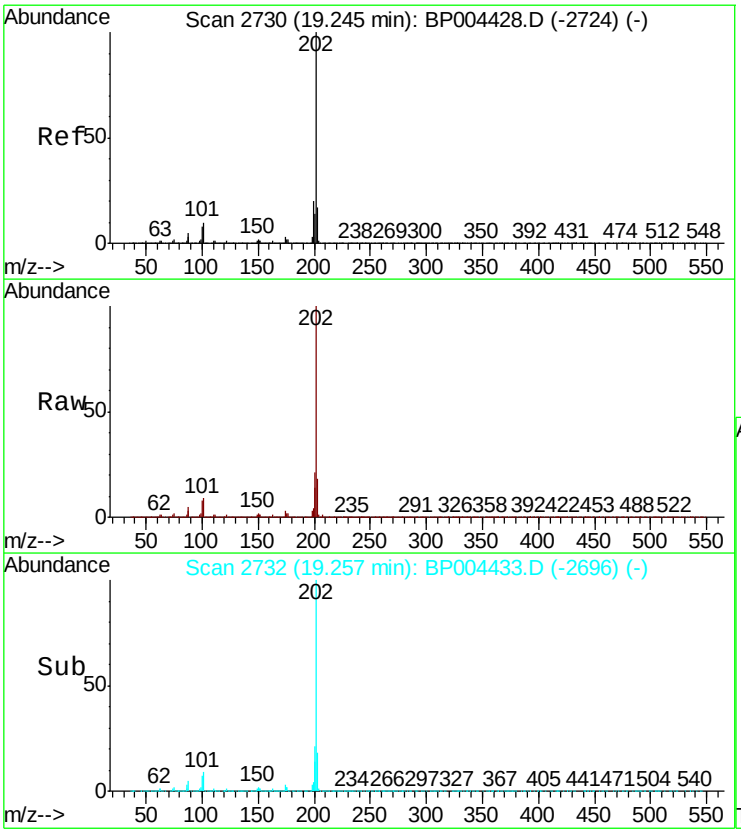
#72
Anthracene
Concen: 51.145 ng/ul
RT: 17.37 min Scan# 2412
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Instrument :
BNA_P
ClientSampleId :
A54S6

Tgt Ion:178 Resp: 2654644

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	18.7	15.0	22.4

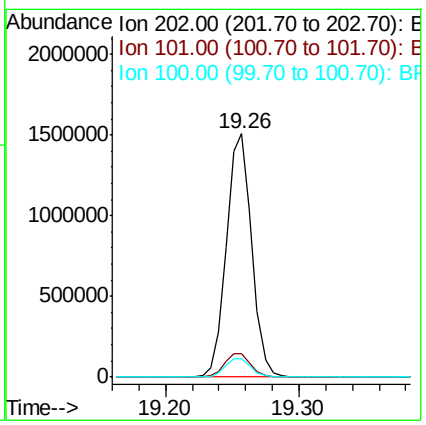


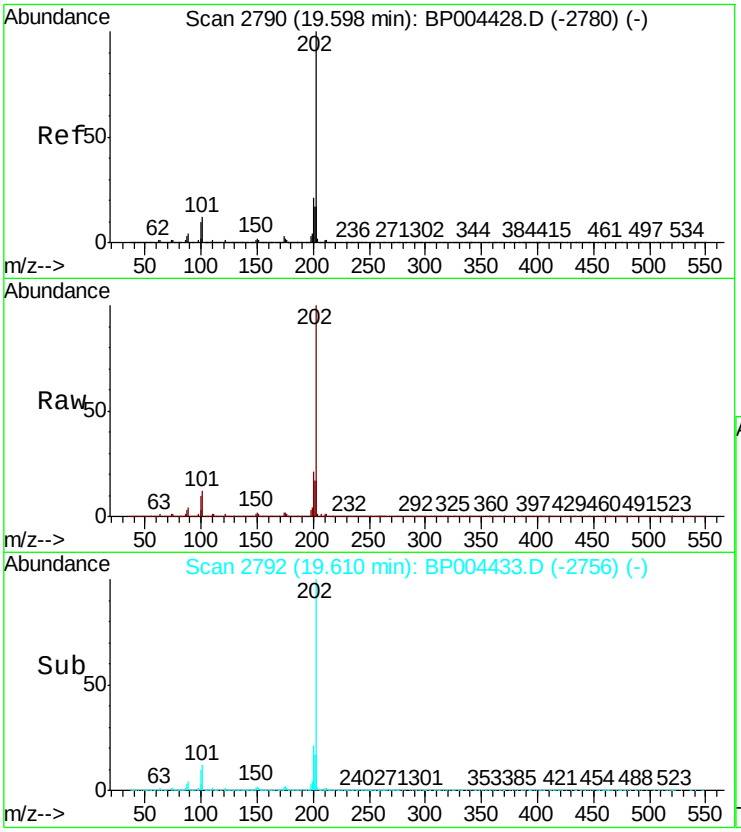


#77
Fluoranthene
Concen: 33.963 ng/ul
RT: 19.26 min Scan# 2732
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Tgt Ion:202 Resp: 1996720

Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.0	12.0
100	7.5	6.2	9.4



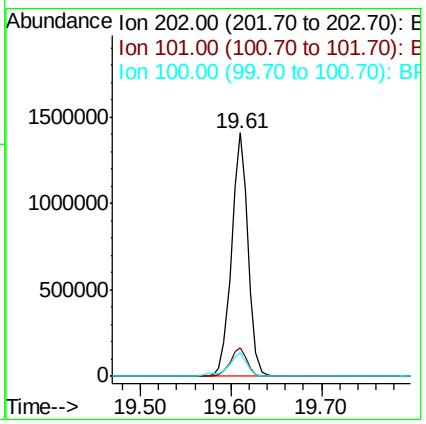


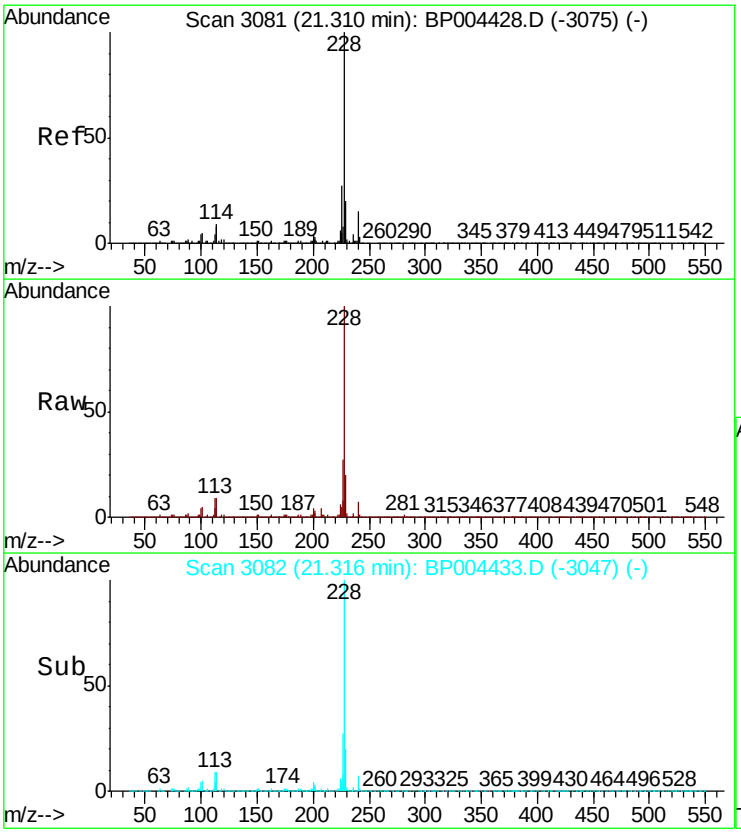
#80
Pyrene
Concen: 26.169 ng/ul
RT: 19.61 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Instrument :
BNA_P
ClientSampleId :
A54S6

Tgt Ion:202 Resp: 1788036

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.8
100	9.7	8.0	12.0

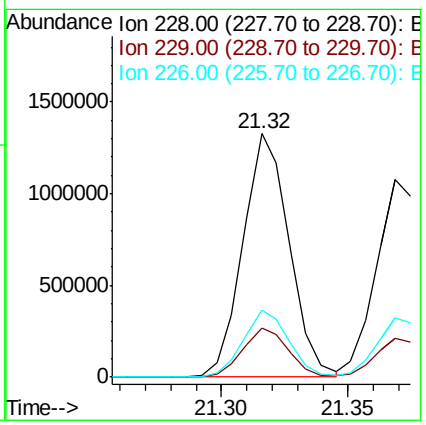


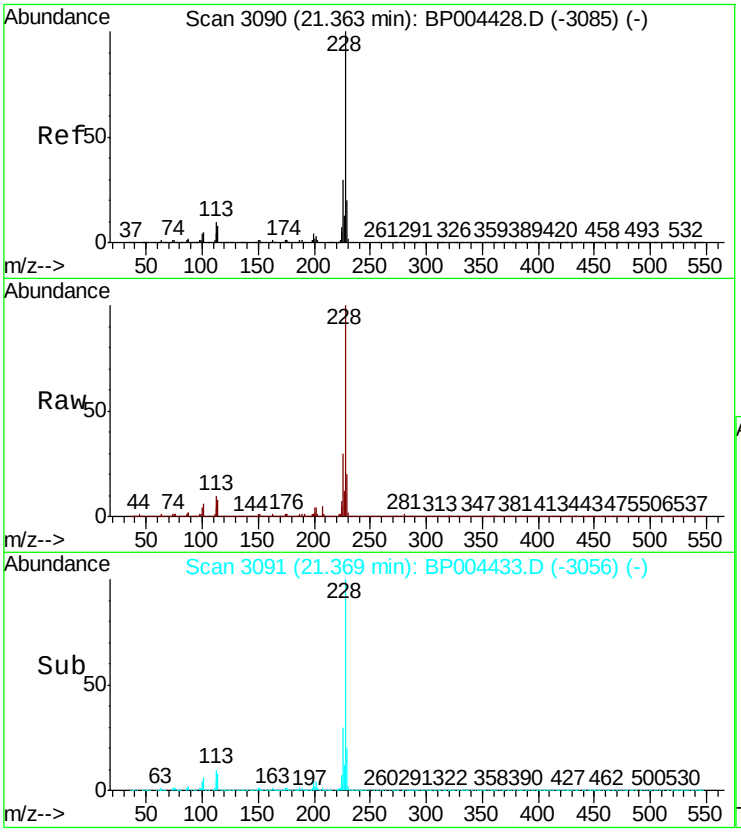


#83
Benzo(a)anthracene
Concen: 25.012 ng/ul
RT: 21.32 min Scan# 3082
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Tgt Ion:228 Resp: 1691444

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.2
226	27.3	21.6	32.4



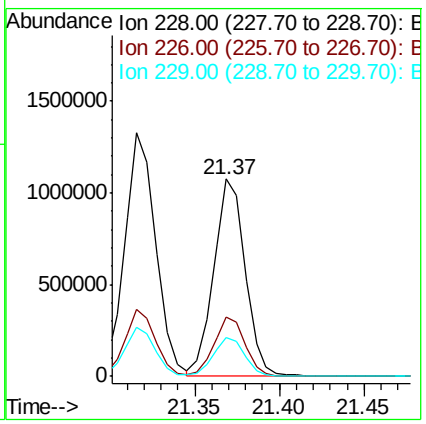


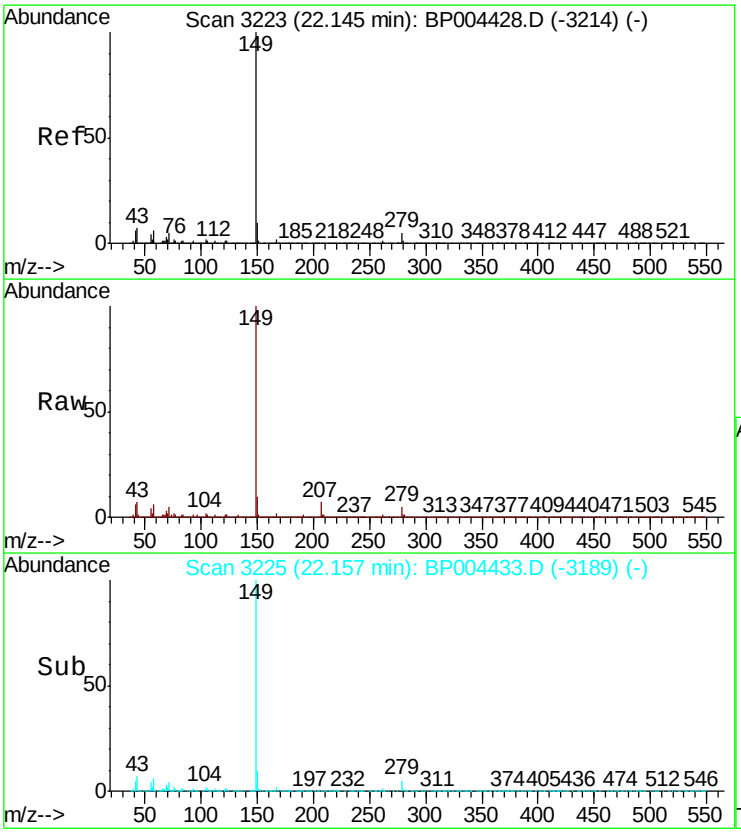
#85
Chrysene
Concen: 21.302 ng/ul
RT: 21.37 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Instrument :
BNA_P
ClientSampleId :
A54S6

Tgt Ion:228 Resp: 1390792

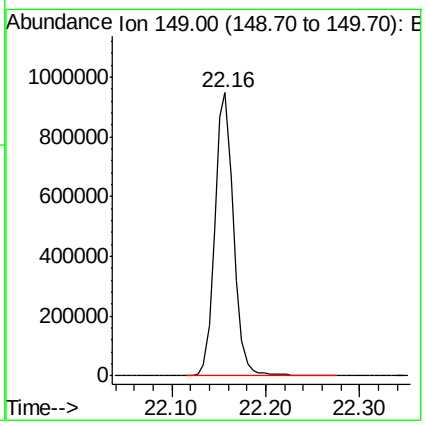
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.6	15.8	23.6

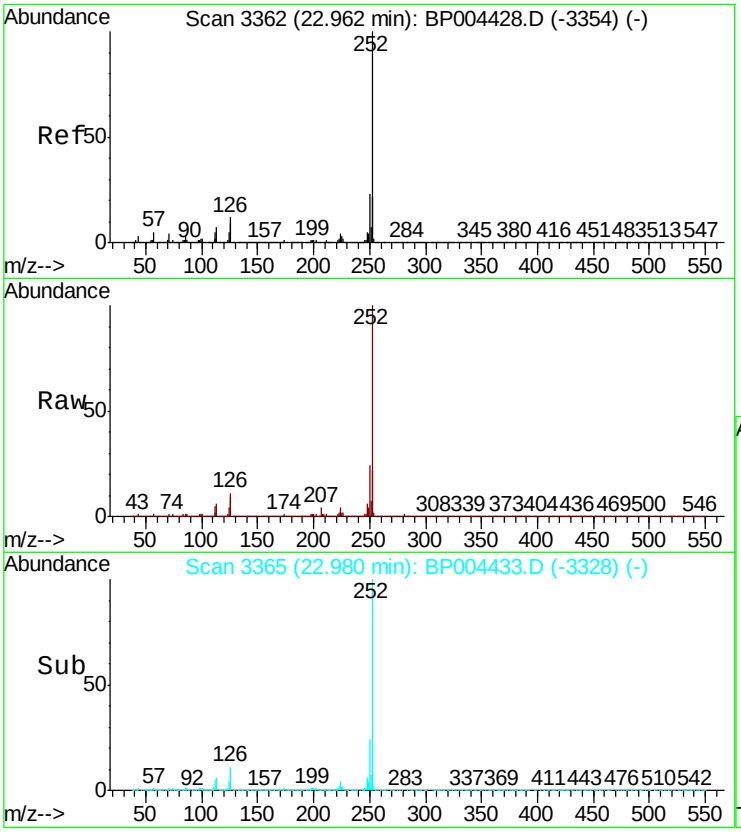




#87
Di-n-octyl phthalate
Concen: 19.993 ng/ul
RT: 22.16 min Scan# 3225
Delta R.T. 0.01 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Tgt Ion:149 Resp: 1306241



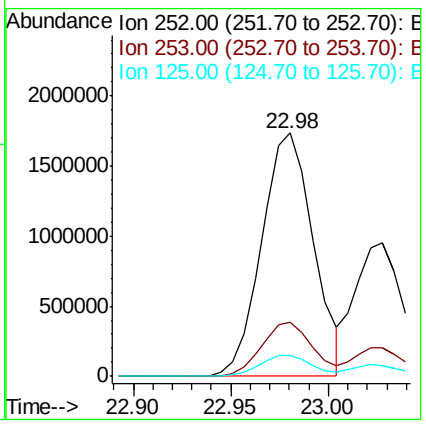


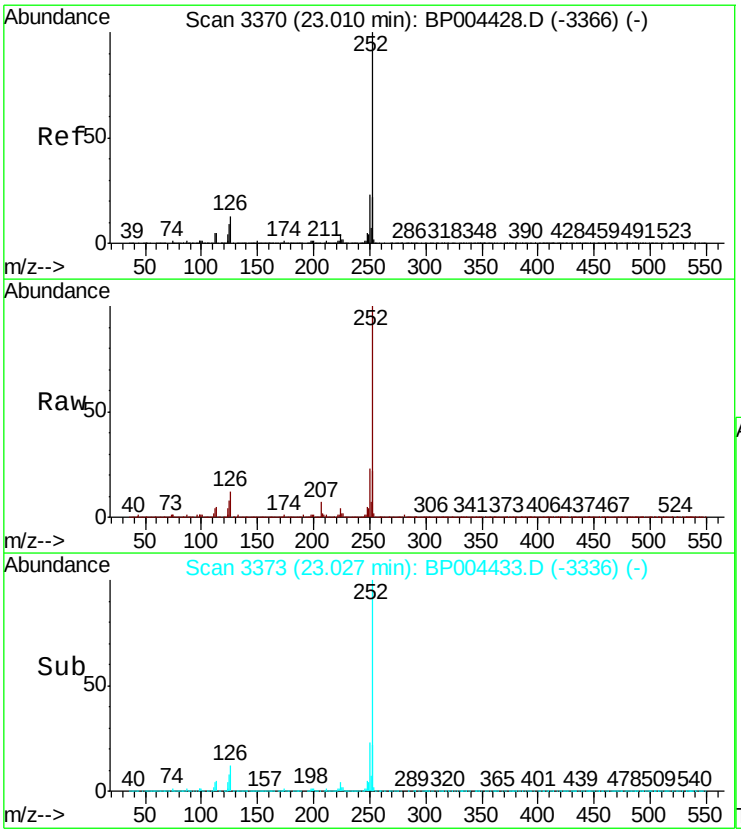
#88
Benzo(b)fluoranthene
Concen: 44.074 ng/ul
RT: 22.98 min Scan# 3365
Delta R.T. 0.02 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Instrument :
BNA_P
ClientSampleId :
A54S6

Tgt Ion:252 Resp: 3185661

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	8.6	7.2	10.8

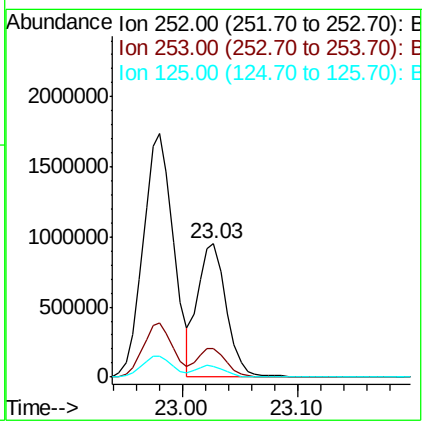


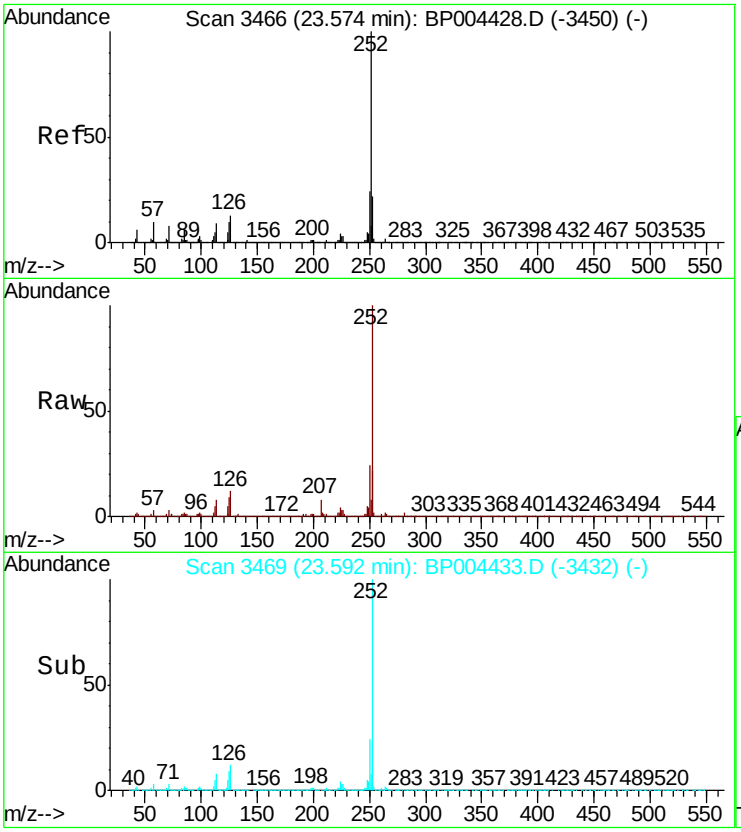


#89
Benzo(k)fluoranthene
Concen: 23.398 ng/ul
RT: 23.03 min Scan# 3373
Delta R.T. 0.02 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Tgt Ion:252 Resp: 1640845

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	8.4	7.2	10.8



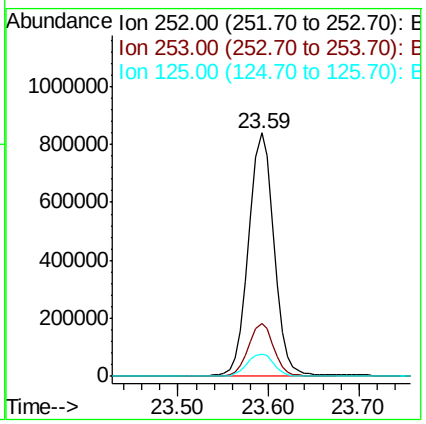


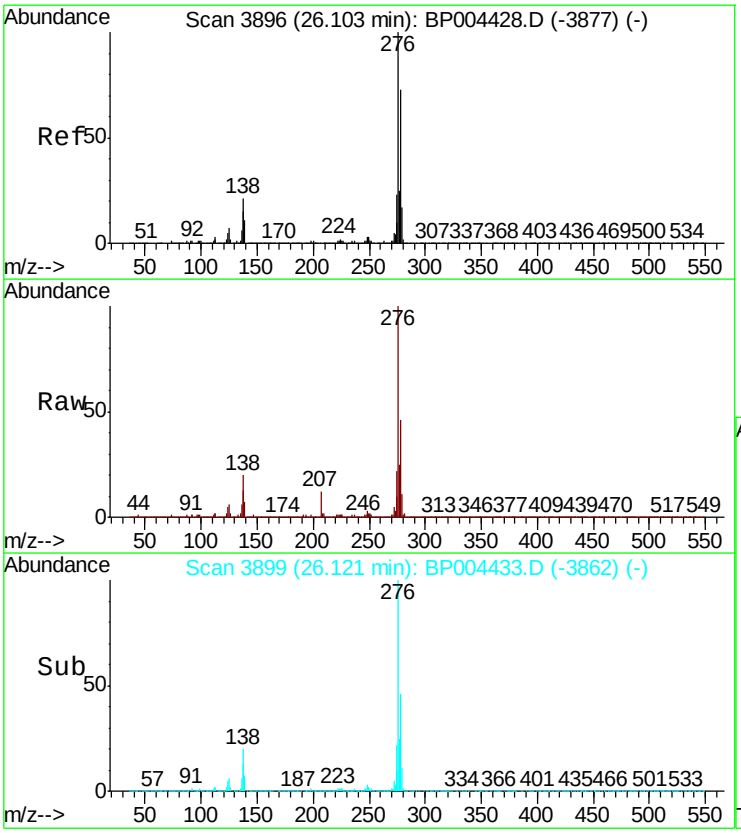
#91
Benzo(a)pyrene
Concen: 24.650 ng/ul
RT: 23.59 min Scan# 3469
Delta R.T. 0.02 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Instrument :
BNA_P
ClientSampleId :
A54S6

Tgt Ion:252 Resp: 1643399

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.3	8.1	12.1

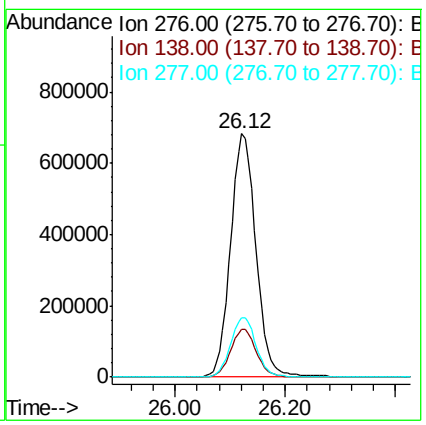


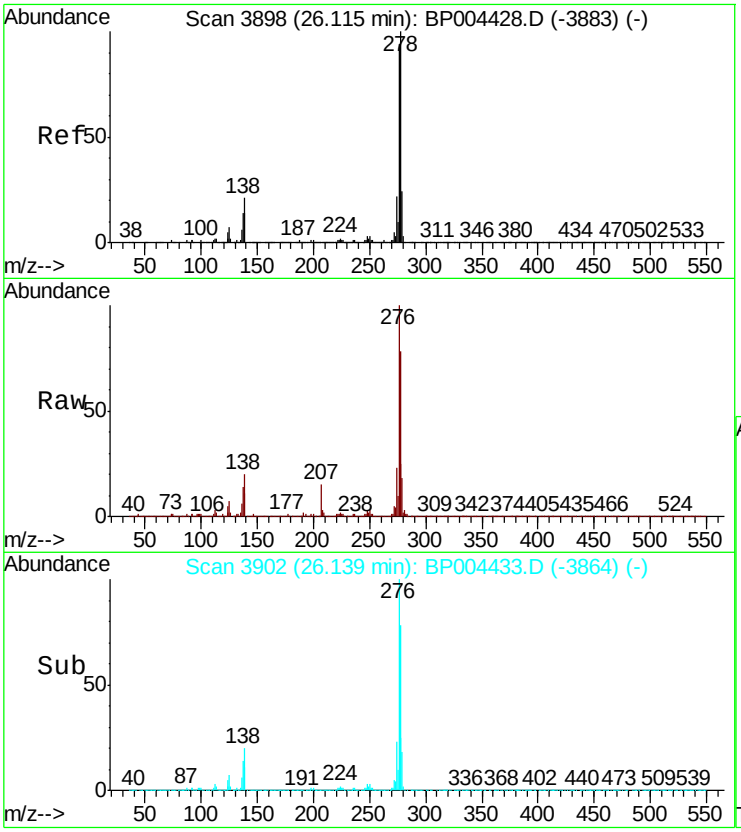


#92
Indeno(1,2,3-cd)pyrene
Concen: 25.982 ng/ul
RT: 26.12 min Scan# 3899
Delta R.T. 0.02 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Tgt Ion:276 Resp: 2188683

Ion	Ratio	Lower	Upper
276	100		
138	19.8	17.9	26.9
277	24.6	20.3	30.5



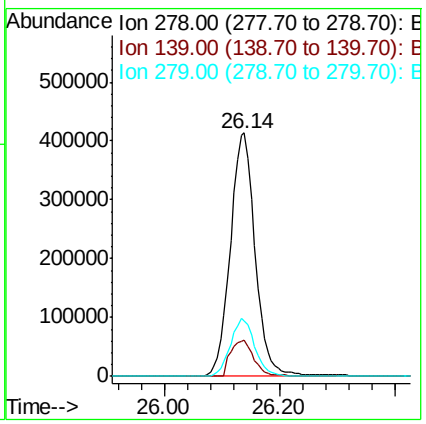


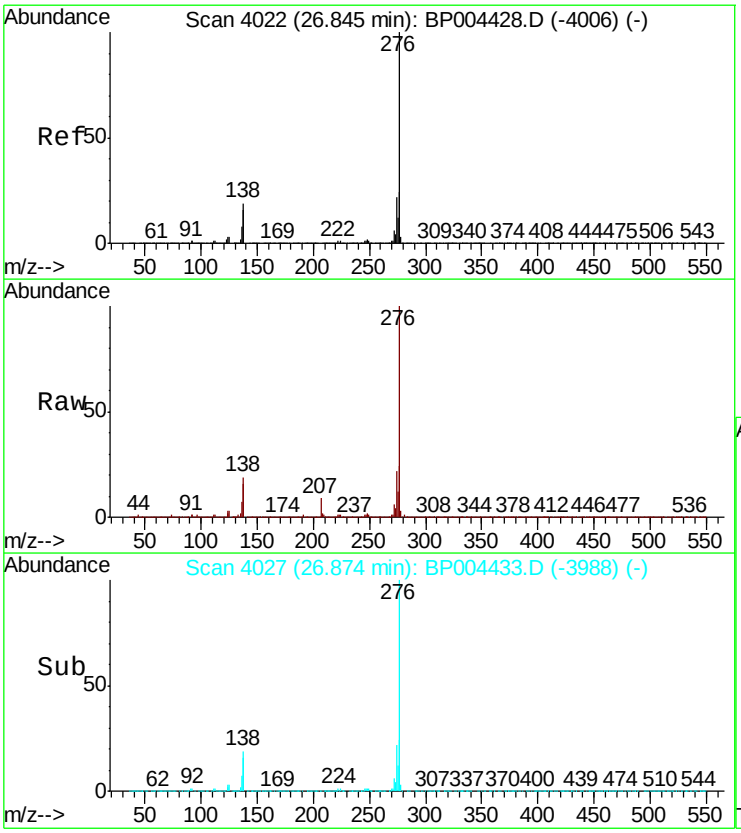
#93
Dibenzo(a,h)anthracene
Concen: 17.598 ng/ul
RT: 26.14 min Scan# 3902
Delta R.T. 0.02 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Instrument :
BNA_P
ClientSampleId :
A54S6

Tgt Ion:278 Resp: 1234628

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.4	17.2
279	22.9	19.1	28.7





#94
Benzo(g,h,i)perylene
Concen: 41.883 ng/ul
RT: 26.87 min Scan# 4027
Delta R.T. 0.03 min
Lab File: BP004433.D
Acq: 24 Dec 2020 15:10

Tgt Ion:276 Resp: 2959913

Ion	Ratio	Lower	Upper
276	100		
138	18.6	15.8	23.6
277	23.9	18.7	28.1