Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003972.D
Acq On : 17 Nov 2020 13:13
Operator : CG/JU
Sample : PB113019BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB133019BS

Quant Time: Nov 17 13:45:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	167305	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	661799	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	404056	20.00	ng	0.00
64) Phenanthrene-d10	17.640	188	816205	20.00	ng	# 0.00
76) Chrysene-d12	21.675	240	705925	20.00	ng	0.00
86) Perylene-d12	24.157	264	666094	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	1097781	109.51	ng	0.00
7) Phenol-d6	7.452	99	1425985	99.10	ng	0.00
23) Nitrobenzene-d5	9.446	82	908403	67.22	ng	0.00
42) 2,4,6-Tribromophenol	16.393	330	493187	97.59	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	1945250	67.31	ng	0.00
79) Terphenyl-d14	20.139	244	2391875	65.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.493	88	125729	29.07	ng	# 59
3) Pyridine	3.928	79	376067	29.65	ng	# 59
4) n-Nitrosodimethylamine	3.828	42	229720	39.34	ng	# 52
6) Aniline	7.581	93	421184	25.78	ng	# 83
8) 2-Chlorophenol	7.852	128	464881	43.68	ng	# 80
9) Benzaldehyde	7.381	77	82581	9.56	ng	# 78
10) Phenol	7.481	94	590541	42.53	ng	82
11) bis(2-Chloroethyl)ether	7.669	93	446112	39.97	ng	# 81
12) 1,3-Dichlorobenzene	8.175	146	488155	37.43	ng	# 95
13) 1,4-Dichlorobenzene	8.316	146	500032	38.03	ng	96
14) 1,2-Dichlorobenzene	8.646	146	478515	38.10	ng	96
15) Benzyl Alcohol	8.516	79	423158	42.46	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.811	45	709004	37.72	ng	82
17) 2-Methylphenol	8.740	107	393546	43.17	ng	# 93
18) Hexachloroethane	9.393	117	184079	39.39	ng	98
19) n-Nitroso-di-n-propyla...	9.087	70	354454	41.21	ng	# 74
20) 3+4-Methylphenols	9.069	107	525391	43.17	ng	95
22) Acetophenone	9.099	105	674096	37.95	ng	# 84
24) Nitrobenzene	9.487	77	535828	39.90	ng	# 81
25) Isophorone	10.011	82	962345	41.93	ng	# 89
26) 2-Nitrophenol	10.211	139	249025	47.49	ng	# 71
27) 2,4-Dimethylphenol	10.281	122	396068	45.28	ng	91
28) bis(2-Chloroethoxy)met...	10.487	93	584842	37.13	ng	97
29) 2,4-Dichlorophenol	10.769	162	441890	41.93	ng	95
30) 1,2,4-Trichlorobenzene	10.981	180	478382	37.26	ng	97
31) Naphthalene	11.163	128	1360980	38.32	ng	99
32) Benzoic acid	10.446	122	169301	31.11	ng	# 72
33) 4-Chloroaniline	11.252	127	304775	20.19	ng	# 87
34) Hexachlorobutadiene	11.475	225	304282	36.33	ng	97
35) Caprolactam	11.999	113	135481	41.57	ng	# 14
36) 4-Chloro-3-methylphenol	12.387	107	477462	41.96	ng	89
37) 2-Methylnaphthalene	12.752	142	990594	38.98	ng	98
38) 1-Methylnaphthalene	12.969	142	936315	38.63	ng	100
40) 1,2,4,5-Tetrachloroben...	13.128	216	526625	39.38	ng	98
41) Hexachlorocyclopentadiene	13.122	237	594475	88.12	ng	99
43) 2,4,6-Trichlorophenol	13.357	196	342303	41.41	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB133019BS

Quant Time: Nov 17 13:45:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	366274	42.08	ng	#	96
46) 1,1'-Biphenyl	13.740	154	1221116	38.93	ng		98
47) 2-Chloronaphthalene	13.787	162	972953	37.81	ng		98
48) 2-Nitroaniline	13.969	65	324347	42.24	ng	#	59
49) Acenaphthylene	14.628	152	1497271	39.62	ng		100
50) Dimethylphthalate	14.334	163	1203334	38.10	ng		100
51) 2,6-Dinitrotoluene	14.451	165	272914	42.11	ng	#	75
52) Acenaphthene	14.969	154	1054031	41.87	ng		98
53) 3-Nitroaniline	14.781	138	184687	25.75	ng	#	72
54) 2,4-Dinitrophenol	14.998	184	246297	71.24	ng	#	80
55) Dibenzofuran	15.298	168	1447221	38.69	ng		99
56) 4-Nitrophenol	15.116	139	410356	79.37	ng	#	64
57) 2,4-Dinitrotoluene	15.246	165	367727	42.26	ng	#	76
58) Fluorene	15.945	166	1146092	38.27	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.534	232	315373	40.19	ng		98
60) Diethylphthalate	15.687	149	1198785	38.76	ng		100
61) 4-Chlorophenyl-phenyle...	15.922	204	616095	37.64	ng		99
62) 4-Nitroaniline	15.945	138	263326	35.21	ng		87
63) Azobenzene	16.216	77	1147307	39.29	ng		85
65) 4,6-Dinitro-2-methylph...	16.022	198	193996	44.65	ng		83
66) n-Nitrosodiphenylamine	16.134	169	1014674	40.61	ng		98
67) 4-Bromophenyl-phenylether	16.816	248	375374	39.31	ng		98
68) Hexachlorobenzene	16.981	284	406252	37.28	ng		96
69) Atrazine	17.069	200	336694	41.05	ng		98
70) Pentachlorophenol	17.310	266	383769	73.62	ng		99
71) Phenanthrene	17.681	178	1745157	38.10	ng		99
72) Anthracene	17.769	178	1802631	40.75	ng		99
73) Carbazole	18.022	167	1593525	38.82	ng		99
74) Di-n-butylphthalate	18.539	149	1966857	41.39	ng	#	99
75) Fluoranthene	19.616	202	2033938	38.48	ng		99
77) Benzidine	19.763	184	529802	31.82	ng		99
78) Pyrene	19.963	202	2025336	42.28	ng		99
80) Butylbenzylphthalate	20.786	149	835977	46.83	ng	#	86
81) Benzo(a)anthracene	21.657	228	1836352	39.45	ng		98
82) 3,3'-Dichlorobenzidine	21.569	252	473990	29.52	ng		98
83) Chrysene	21.716	228	1763159	39.42	ng		98
84) Bis(2-ethylhexyl)phtha...	21.533	149	1192901	45.34	ng		99
85) Di-n-octyl phthalate	22.469	149	2018433	46.05	ng	#	85
87) Indeno(1,2,3-cd)pyrene	26.733	276	2005695	41.74	ng		99
88) Benzo(b)fluoranthene	23.404	252	1770420	40.62	ng		100
89) Benzo(k)fluoranthene	23.457	252	1775696	41.26	ng		98
90) Benzo(a)pyrene	24.051	252	1634535	40.51	ng		99
91) Dibenzo(a,h)anthracene	26.733	278	1710667	42.71	ng		98
92) Benzo(g,h,i)perylene	27.521	276	1655906	42.71	ng		99

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

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Instrument :
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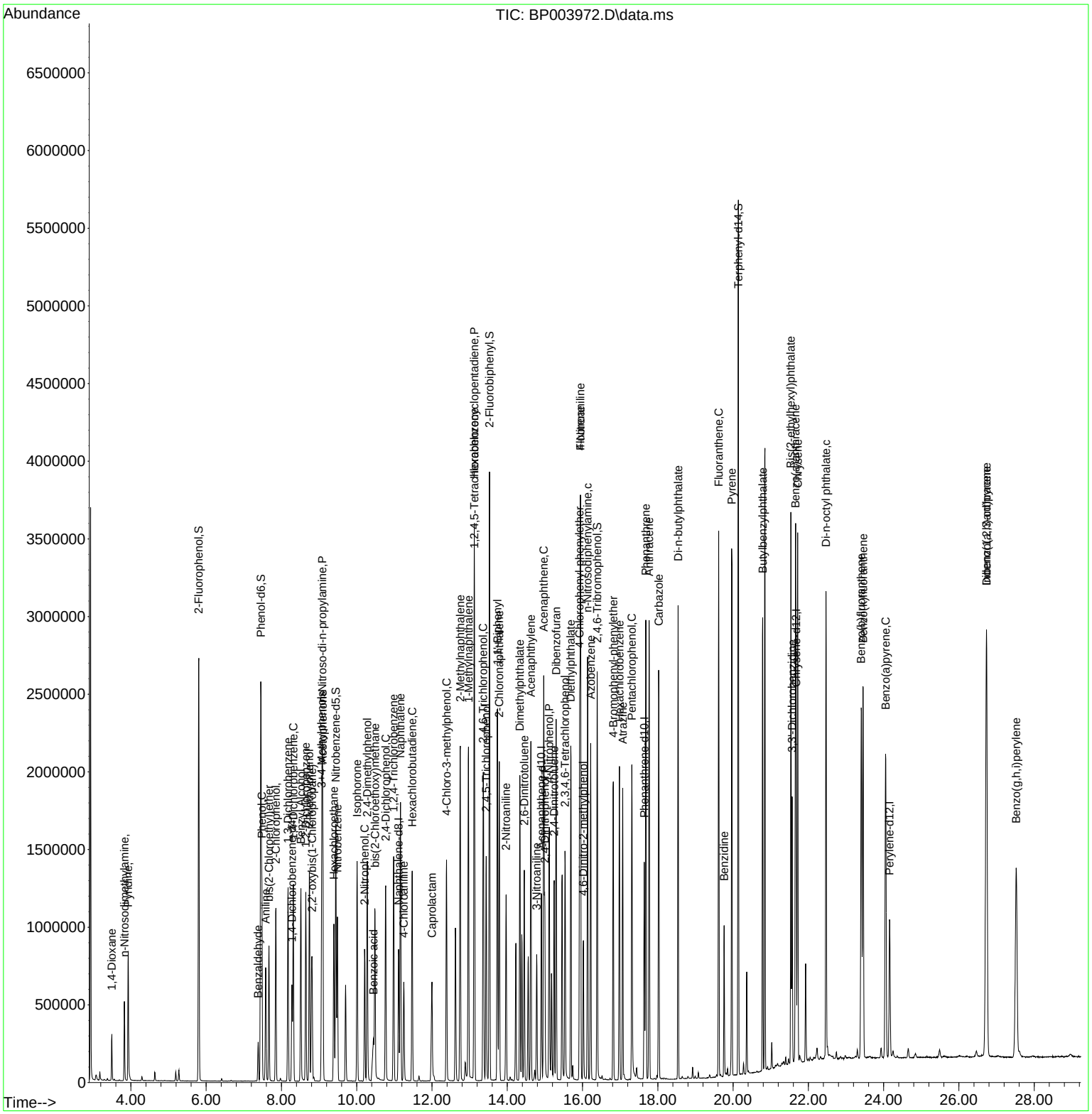
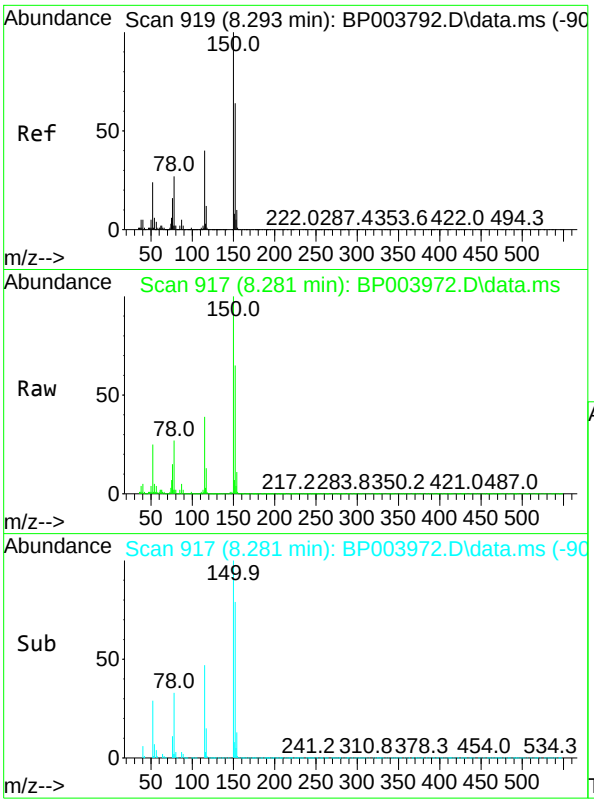


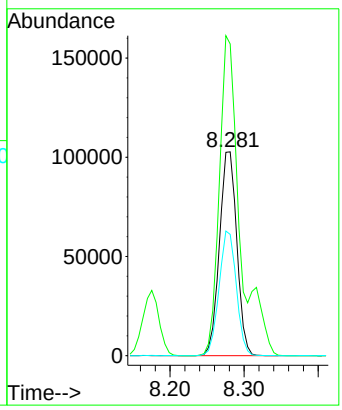
Instrument :
BNA_P
ClientSampleId :
PB133019BS

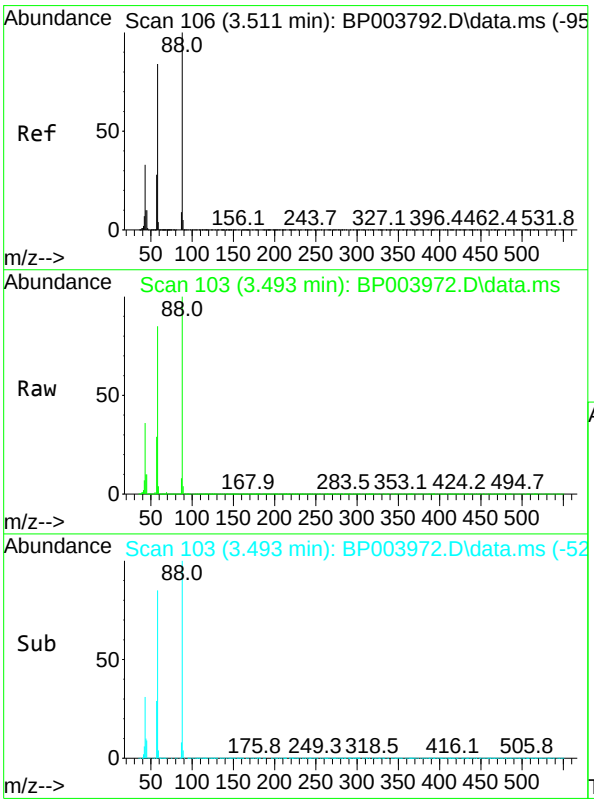


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:152 Resp: 167305

Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.8	185.6
115	59.5	43.8	65.6

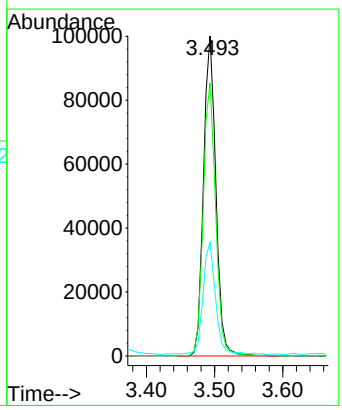




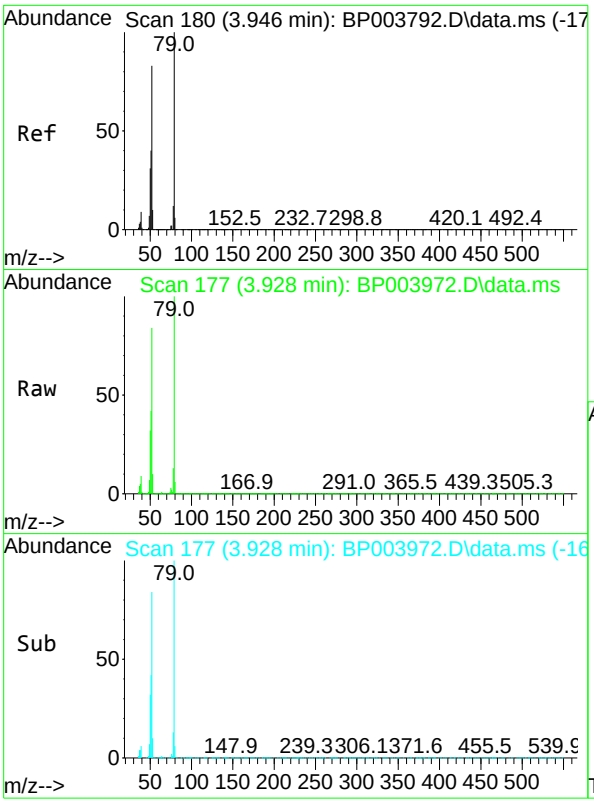
#2
1,4-Dioxane
Concen: 29.07 ng
RT: 3.493 min Scan# 103
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion: 88 Resp: 125729

Ion	Ratio	Lower	Upper
88	100		
58	85.7	44.2	66.4#
43	36.4	15.2	22.8#



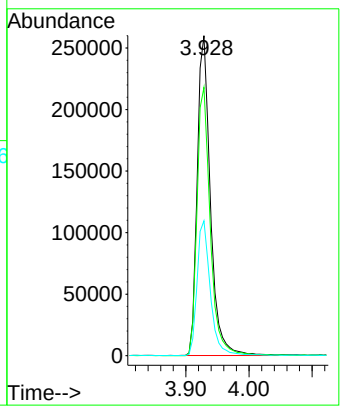
Instrument :
BNA_P
ClientSampleId :
PB133019BS

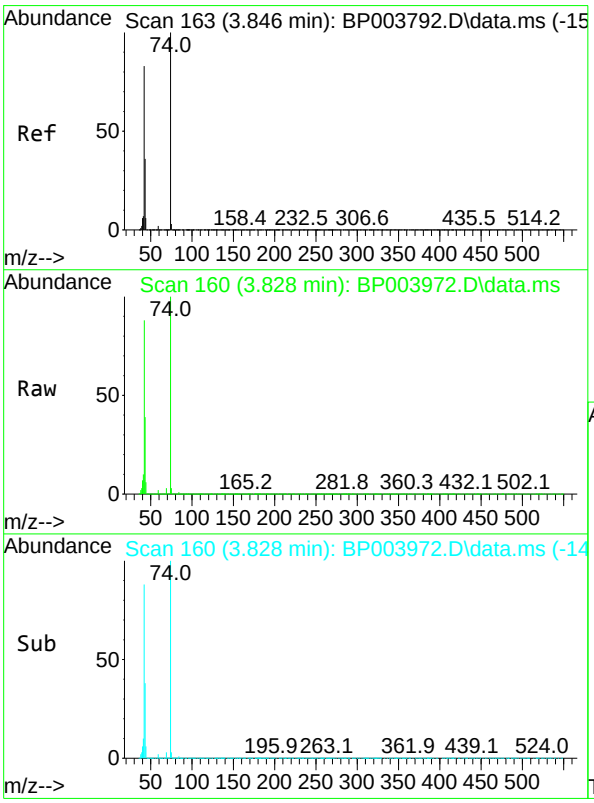


#3
Pyridine
Concen: 29.65 ng
RT: 3.928 min Scan# 177
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion: 79 Resp: 376067

Ion	Ratio	Lower	Upper
79	100		
52	83.8	41.3	61.9#
51	42.2	21.2	31.8#

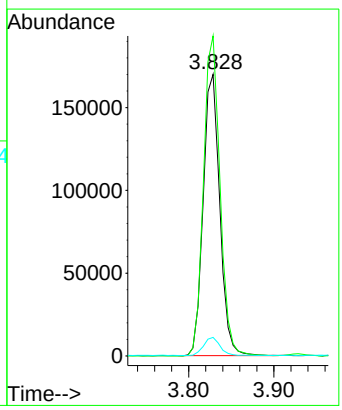




#4
n-Nitrosodimethylamine
Concen: 39.34 ng
RT: 3.828 min Scan# 160
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion: 42 Resp: 229720

Ion	Ratio	Lower	Upper
42	100		
74	113.6	148.6	223.0#
44	6.6	5.3	7.9



Instrument :
BNA_P
ClientSampleId :
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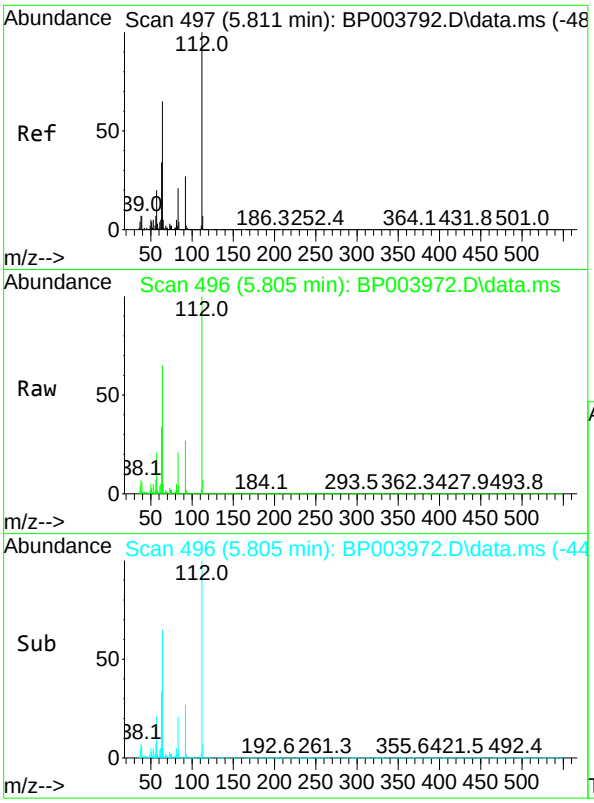
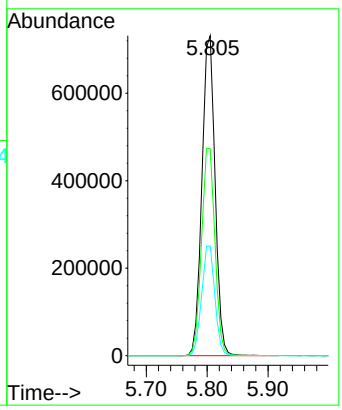
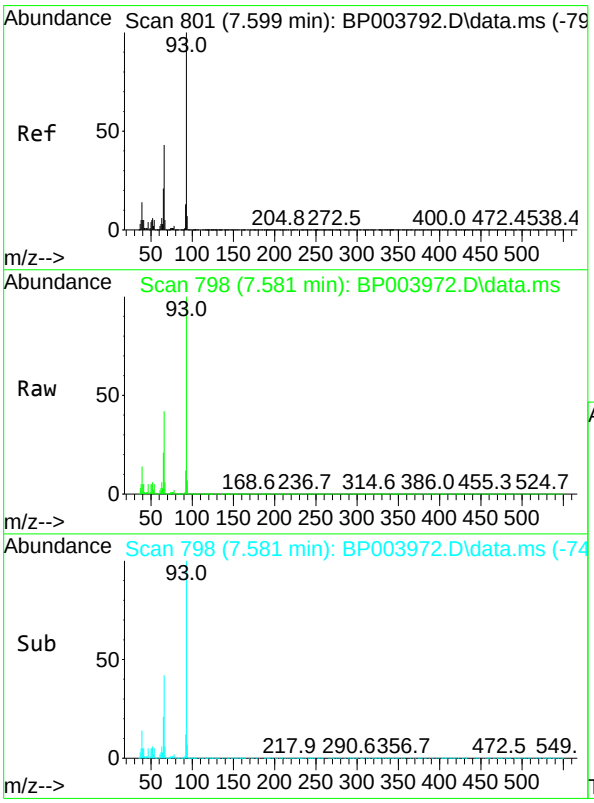


#5
2-Fluorophenol
Concen: 109.51 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:112 Resp: 1097781

Ion	Ratio	Lower	Upper
112	100		
64	64.6	32.8	49.2#
63	34.3	17.0	25.4#

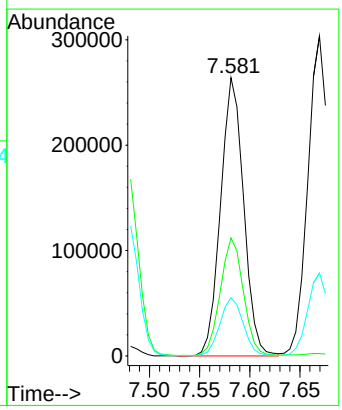




#6
Aniline
Concen: 25.78 ng
RT: 7.581 min Scan# 798
Delta R.T. -0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion: 93 Resp: 421184

Ion	Ratio	Lower	Upper
93	100		
66	42.4	25.4	38.0#
65	20.9	12.5	18.7#



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BNA_P
ClientSampleId :
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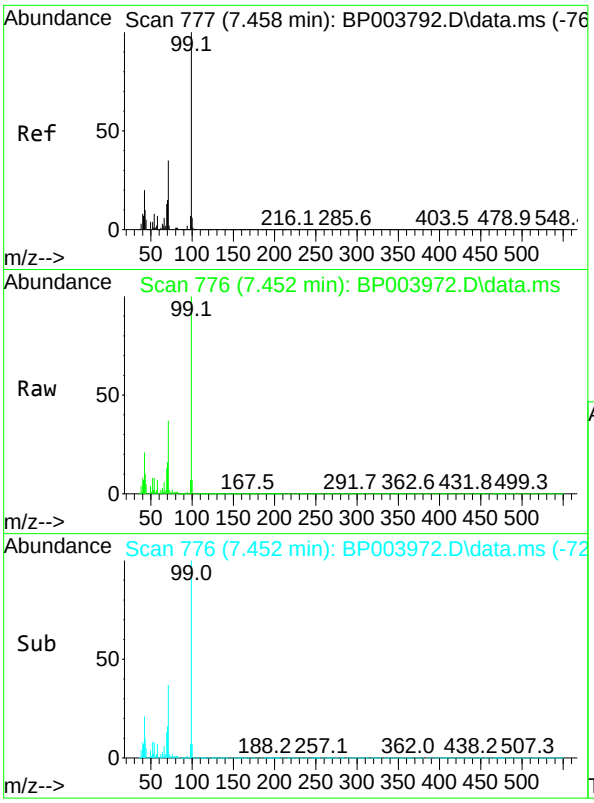
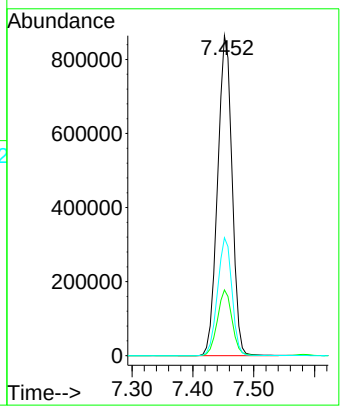
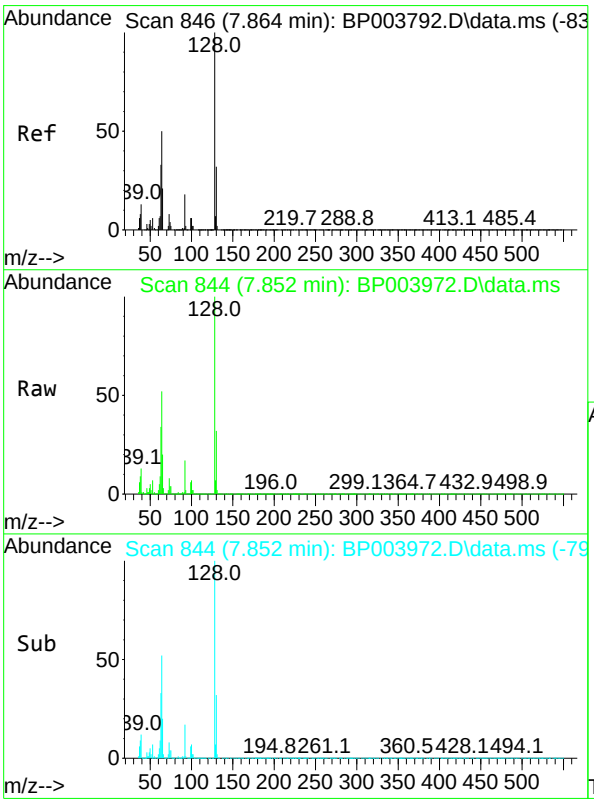


#7
Phenol-d6
Concen: 99.10 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion: 99 Resp: 1425985

Ion	Ratio	Lower	Upper
99	100		
42	20.5	8.6	13.0#
71	36.8	23.4	35.2#

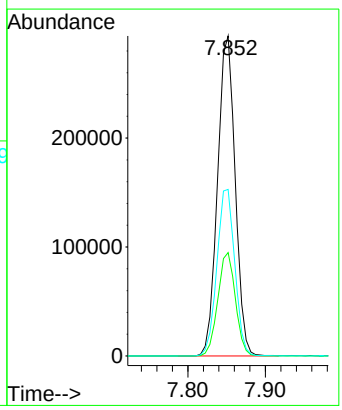




#8
2-Chlorophenol
Concen: 43.68 ng
RT: 7.852 min Scan# 844
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:128 Resp: 464881

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	52.0	10.4	50.4#



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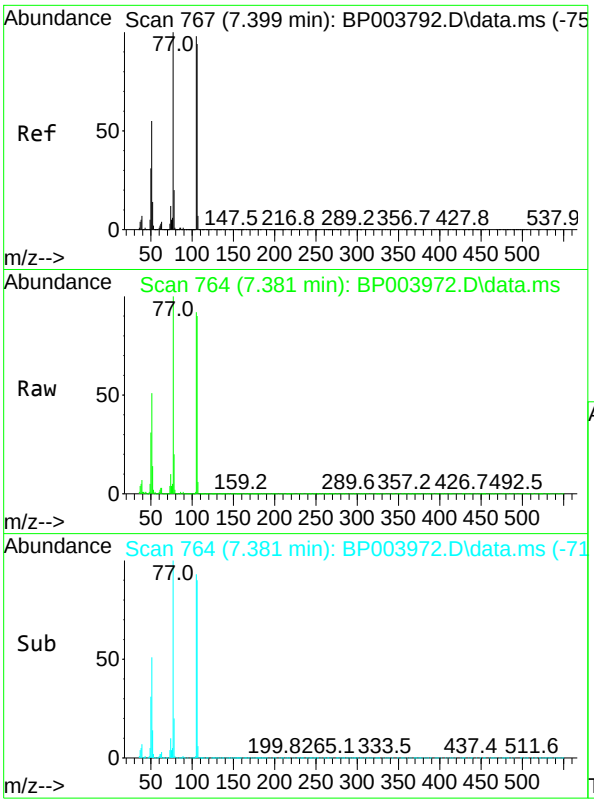
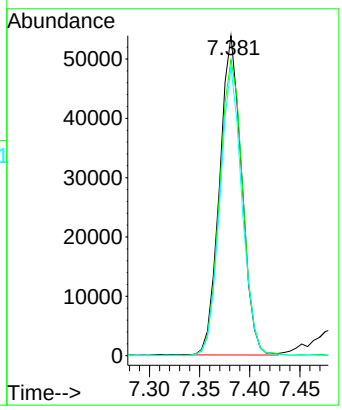
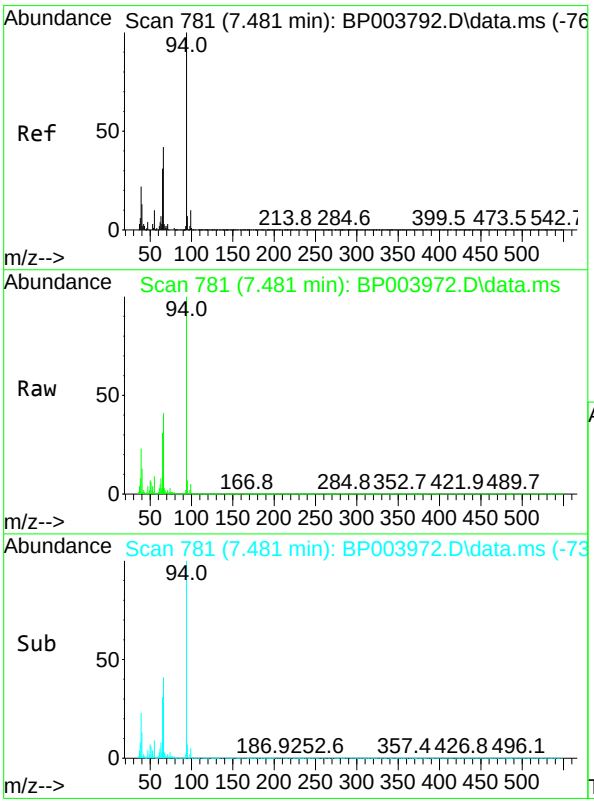


#9
Benzaldehyde
Concen: 9.56 ng
RT: 7.381 min Scan# 764
Delta R.T. -0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion: 77 Resp: 82581

Ion	Ratio	Lower	Upper
77	100		
105	92.5	97.1	137.1#
106	90.1	93.7	133.7#

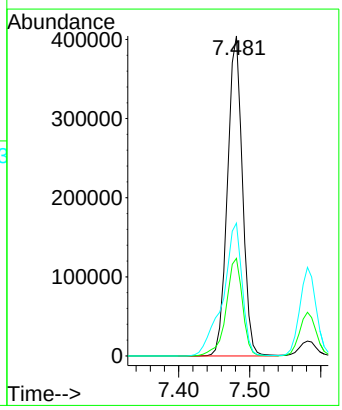




#10
Phenol
Concen: 42.53 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion: 94 Resp: 590541

Ion	Ratio	Lower	Upper
94	100		
65	30.5	2.3	42.3
66	41.5	10.9	50.9



Instrument :
BNA_P
ClientSampleId :
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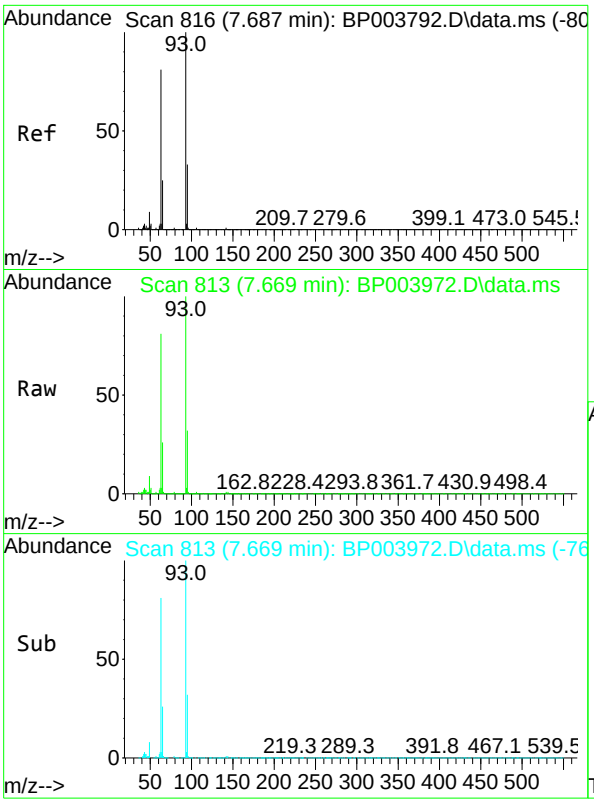
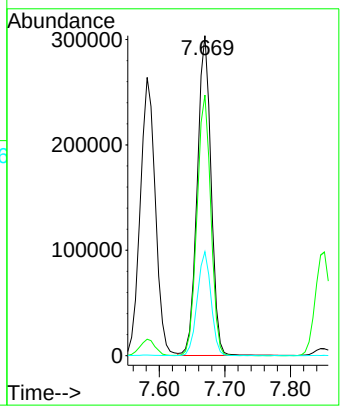
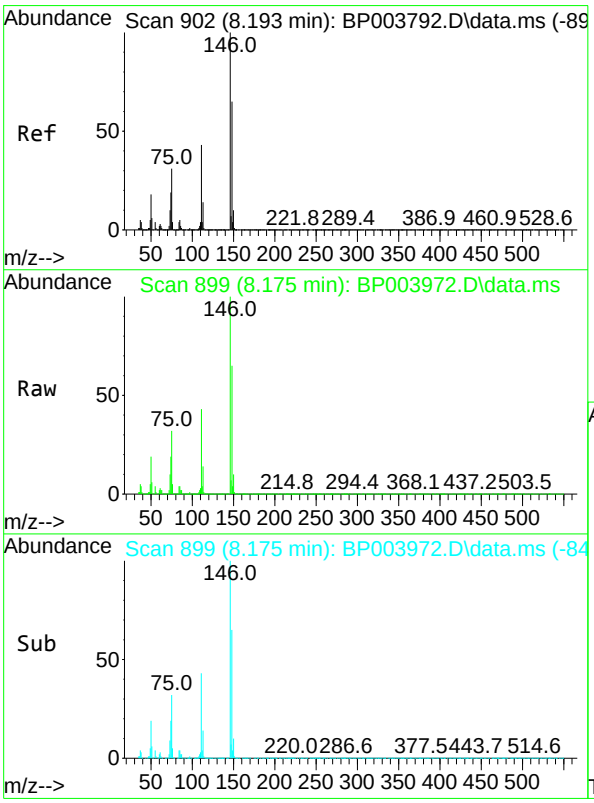


#11
bis(2-Chloroethyl)ether
Concen: 39.97 ng
RT: 7.669 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion: 93 Resp: 446112

Ion	Ratio	Lower	Upper
93	100		
63	81.5	39.0	79.0#
95	32.5	12.8	52.8

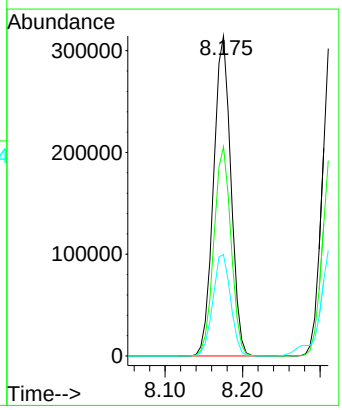




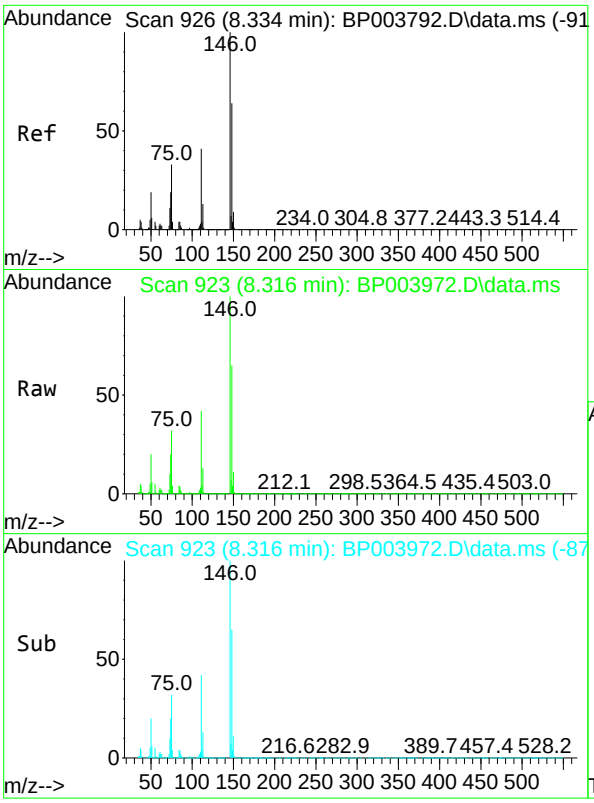
#12
1,3-Dichlorobenzene
Concen: 37.43 ng
RT: 8.175 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:146 Resp: 488155

Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.5	78.7
75	31.7	18.1	27.1#



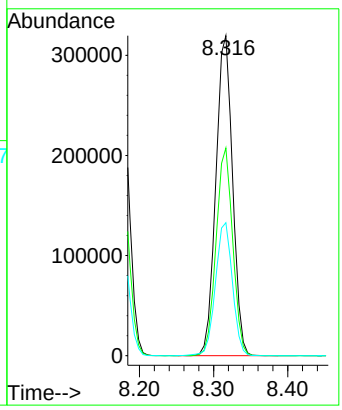
Instrument :
BNA_P
ClientSampleId :
PB133019BS

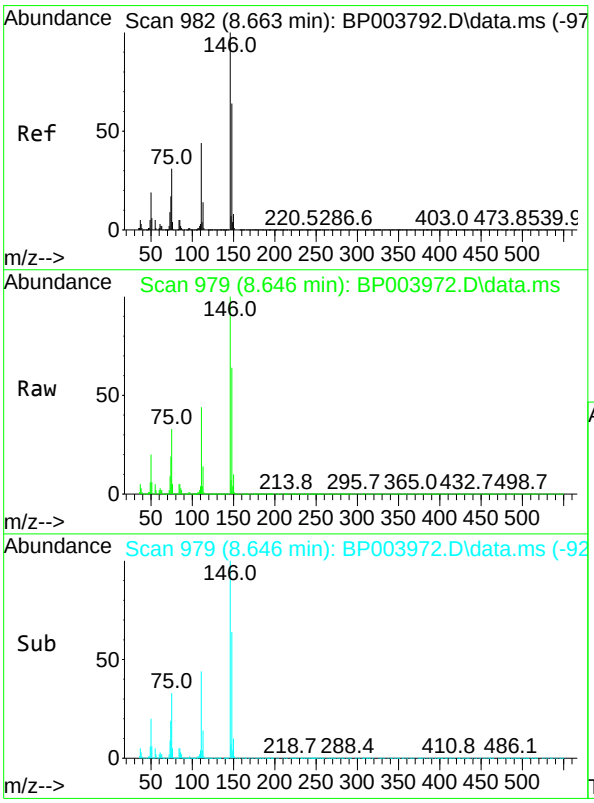


#13
1,4-Dichlorobenzene
Concen: 38.03 ng
RT: 8.316 min Scan# 923
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:146 Resp: 500032

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.3	76.9
111	41.5	28.9	43.3

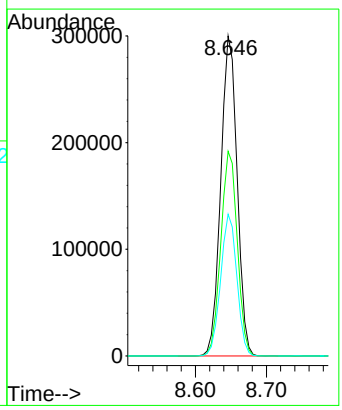




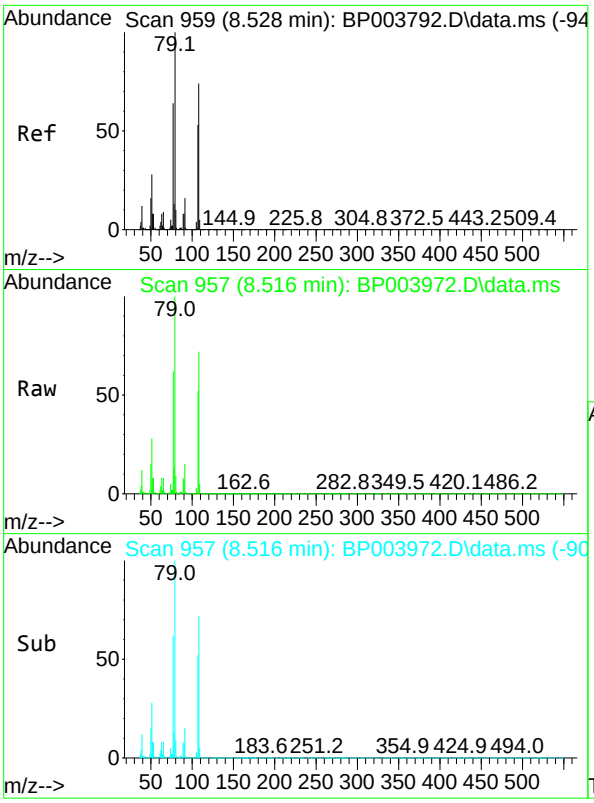
#14
1,2-Dichlorobenzene
Concen: 38.10 ng
RT: 8.646 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:146 Resp: 478515

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
111	44.3	31.0	46.6



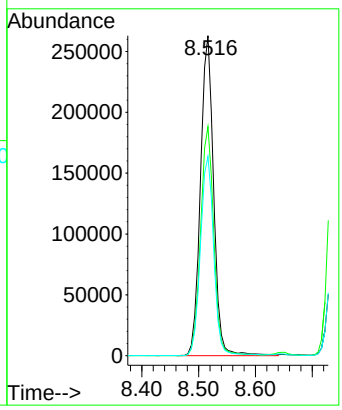
Instrument :
BNA_P
ClientSampleId :
PB133019BS

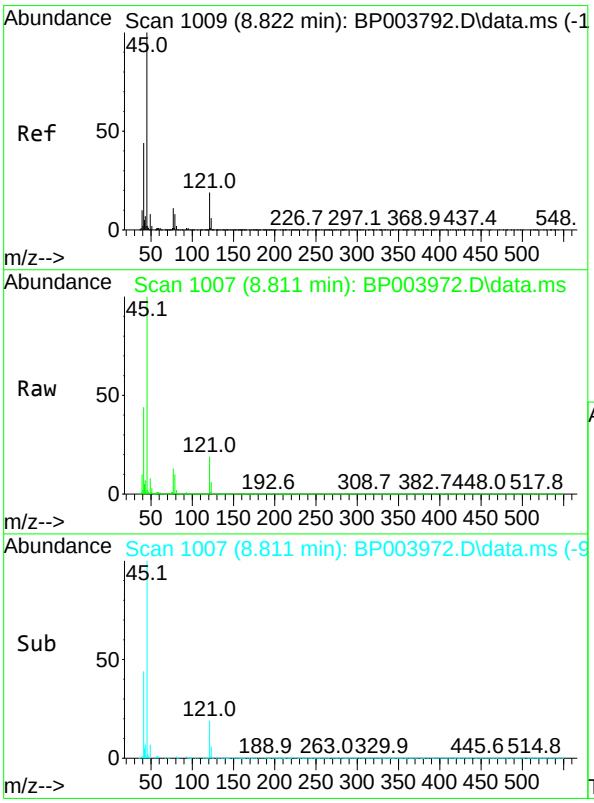


#15
Benzyl Alcohol
Concen: 42.46 ng
RT: 8.516 min Scan# 957
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion: 79 Resp: 423158

Ion	Ratio	Lower	Upper
79	100		
108	71.6	73.5	110.3#
77	62.3	50.3	75.5

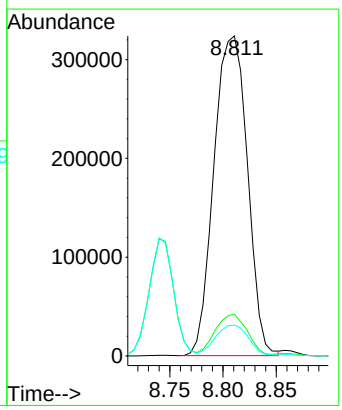




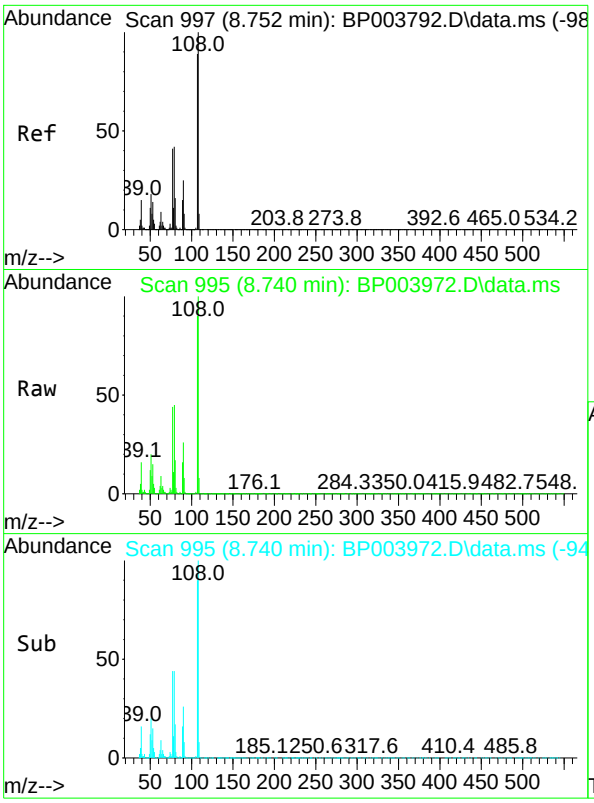
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.72 ng
RT: 8.811 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion: 45 Resp: 709004

Ion	Ratio	Lower	Upper
45	100		
77	13.1	2.3	42.3
79	9.7	0.0	36.6



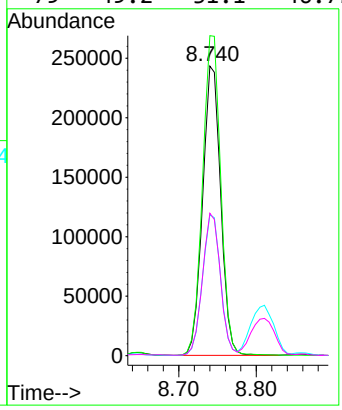
Instrument :
BNA_P
ClientSampleId :
PB133019BS

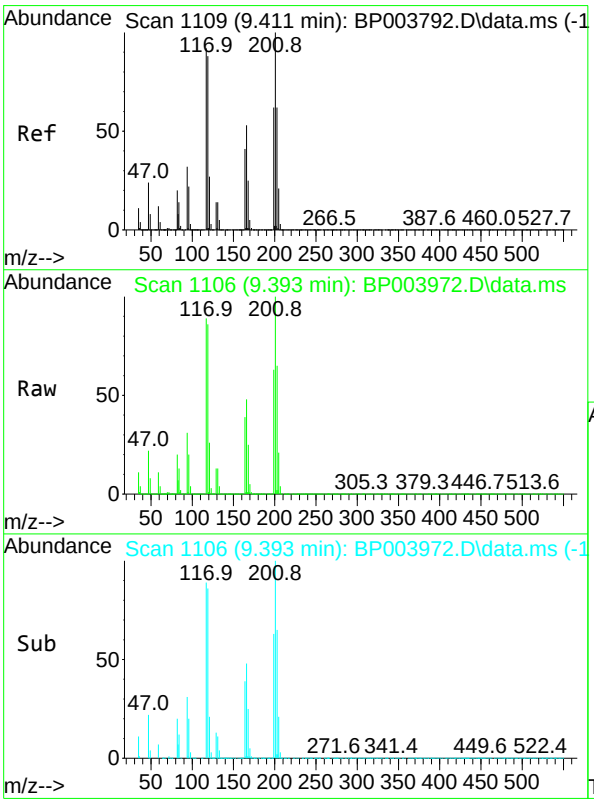


#17
2-Methylphenol
Concen: 43.17 ng
RT: 8.740 min Scan# 995
Delta R.T. -0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:107 Resp: 393546

Ion	Ratio	Lower	Upper
107	100		
108	110.5	89.6	134.4
77	48.7	31.8	47.6#
79	49.2	31.1	46.7#

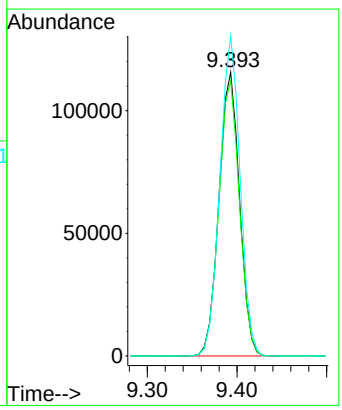




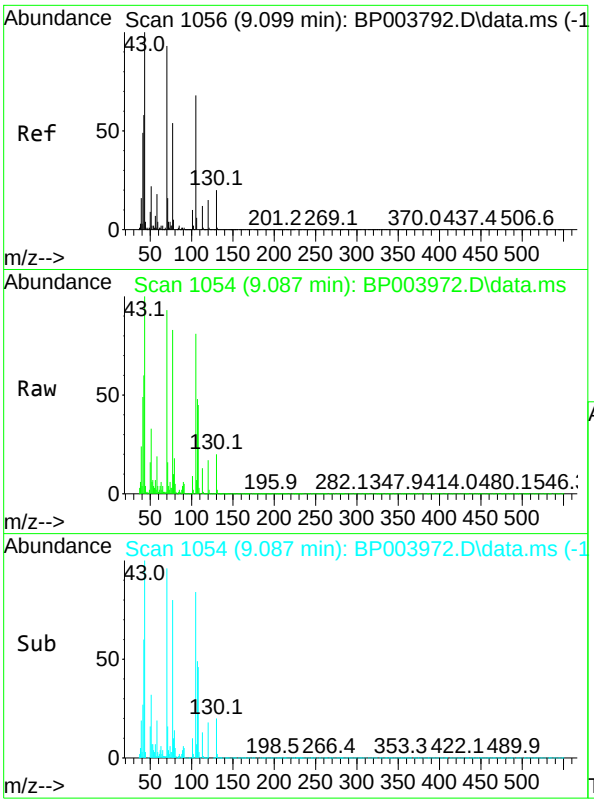
#18
Hexachloroethane
Concen: 39.39 ng
RT: 9.393 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:117 Resp: 184079

Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.8	118.2
201	112.8	92.3	138.5



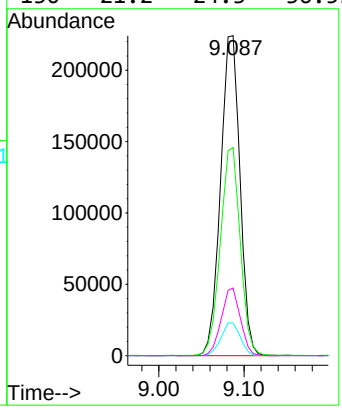
Instrument :
BNA_P
ClientSampleId :
PB133019BS

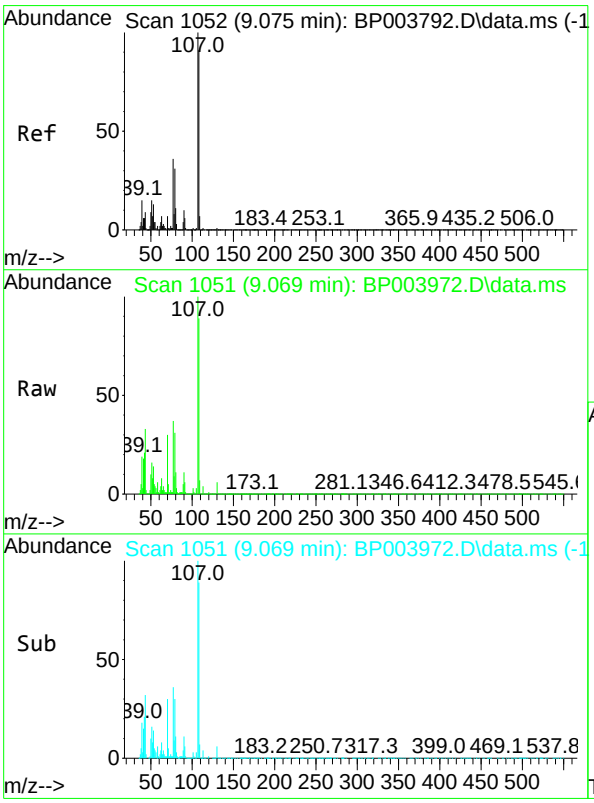


#19
n-Nitroso-di-n-propylamine
Concen: 41.21 ng
RT: 9.087 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion: 70 Resp: 354454

Ion	Ratio	Lower	Upper
70	100		
42	65.1	32.8	49.2#
101	10.2	9.6	14.4
130	21.2	24.3	36.5#

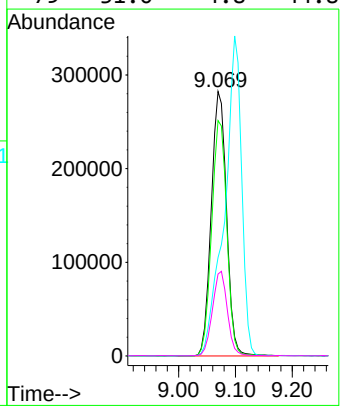




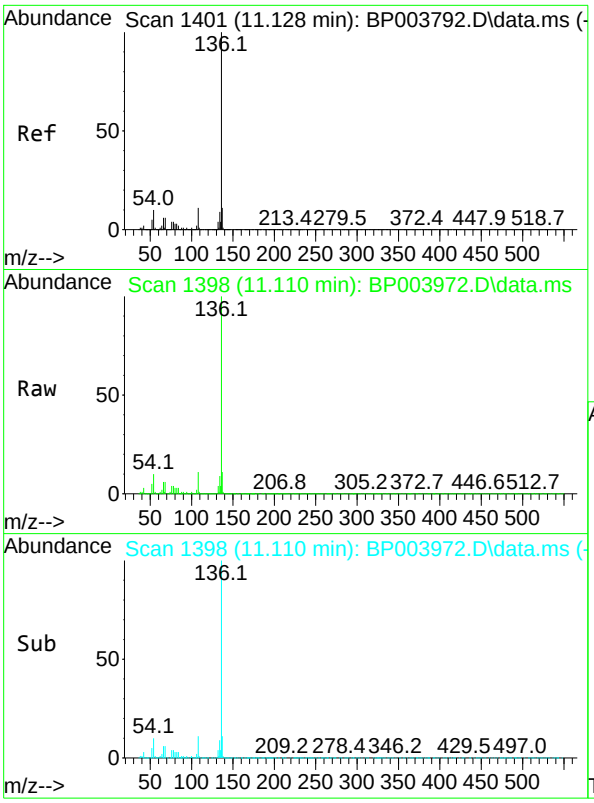
#20
3+4-Methylphenols
Concen: 43.17 ng
RT: 9.069 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:107 Resp: 525391

Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.0	109.0
77	37.2	8.5	48.5
79	31.0	4.8	44.8



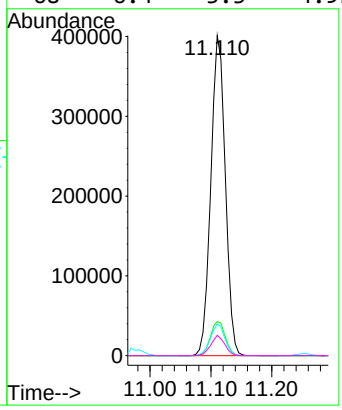
Instrument :
BNA_P
ClientSampleId :
PB133019BS

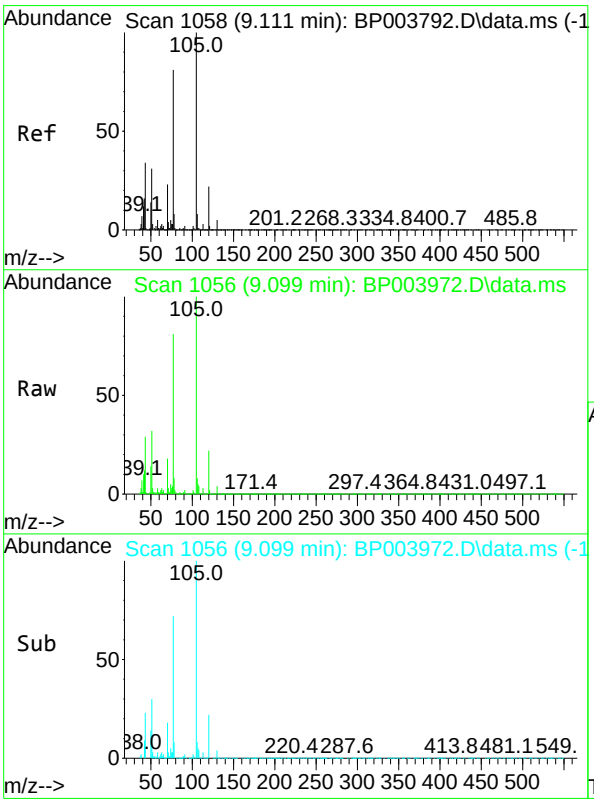


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:136 Resp: 661799

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.9	3.6	5.4#
68	6.4	3.3	4.9#

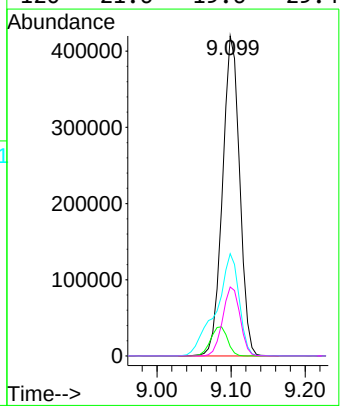




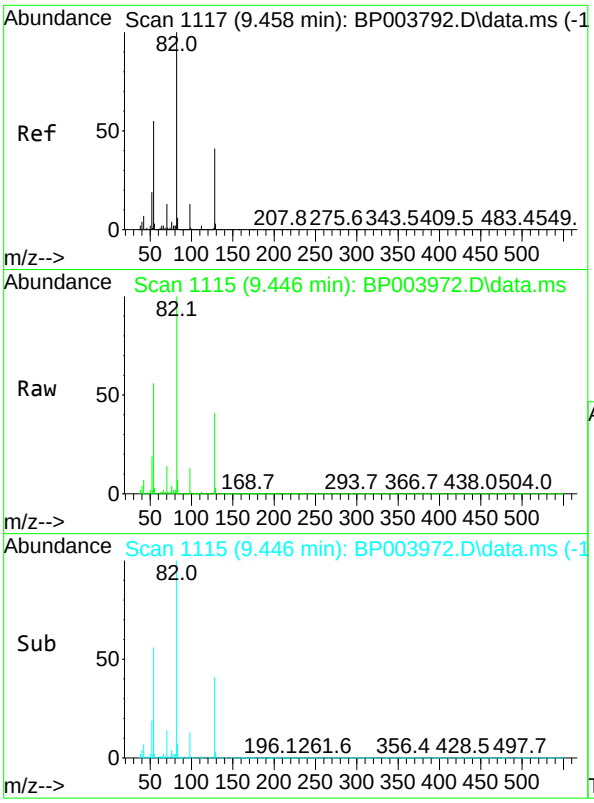
#22
Acetophenone
Concen: 37.95 ng
RT: 9.099 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:105 Resp: 674096

Ion	Ratio	Lower	Upper
105	100		
71	3.0	2.6	3.8
51	32.0	13.5	20.3#
120	21.6	19.6	29.4



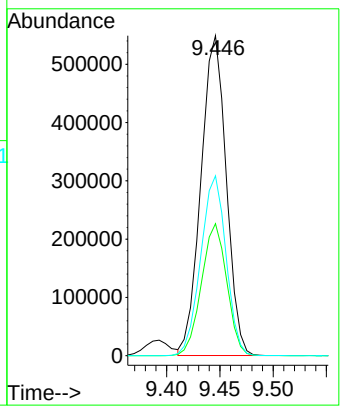
Instrument :
BNA_P
ClientSampleId :
PB133019BS

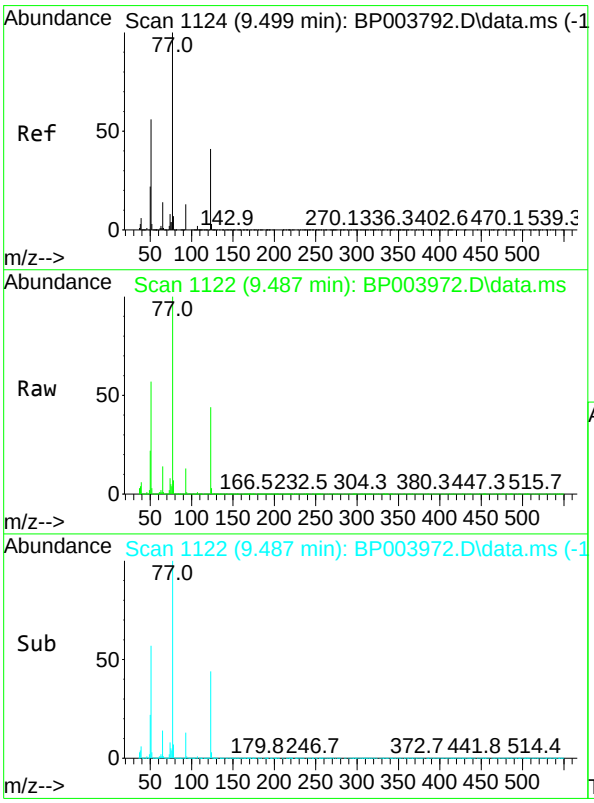


#23
Nitrobenzene-d5
Concen: 67.22 ng
RT: 9.446 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion: 82 Resp: 908403

Ion	Ratio	Lower	Upper
82	100		
128	41.2	45.6	68.4#
54	56.2	30.1	45.1#

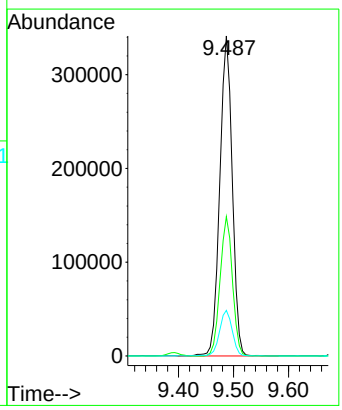




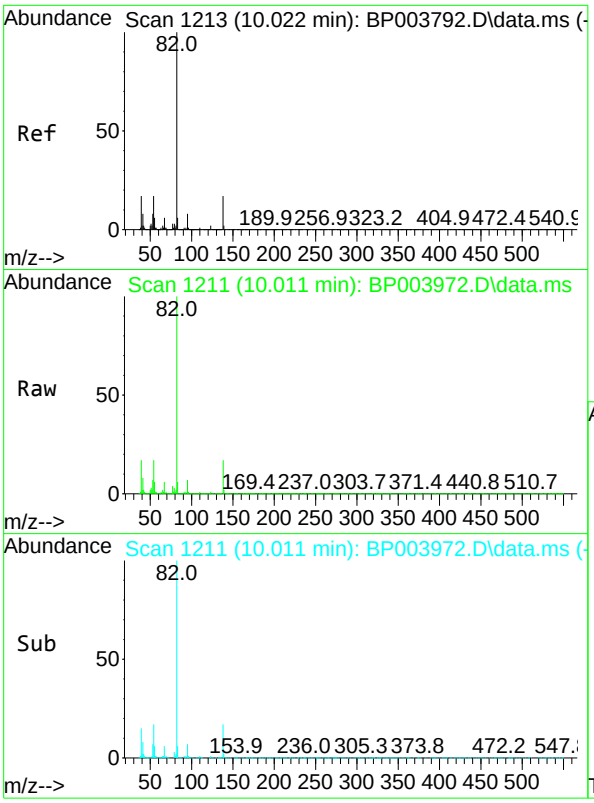
#24
Nitrobenzene
Concen: 39.90 ng
RT: 9.487 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion: 77 Resp: 535828

Ion	Ratio	Lower	Upper
77	100		
123	43.5	48.6	72.8#
65	14.2	10.0	15.0



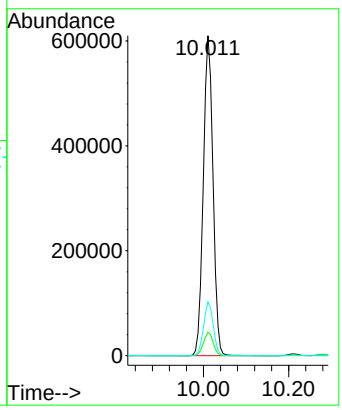
Instrument :
BNA_P
ClientSampleId :
PB133019BS

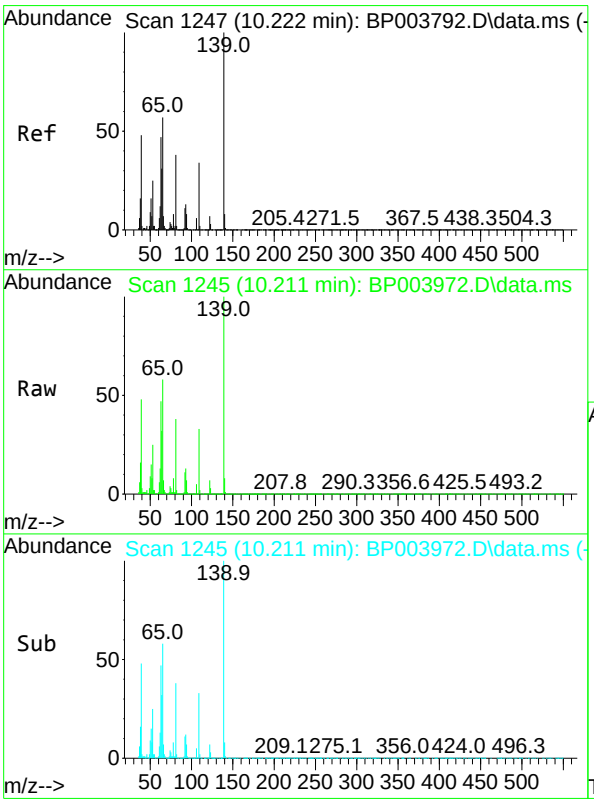


#25
Isophorone
Concen: 41.93 ng
RT: 10.011 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion: 82 Resp: 962345

Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.4	9.6
138	16.8	18.7	28.1#

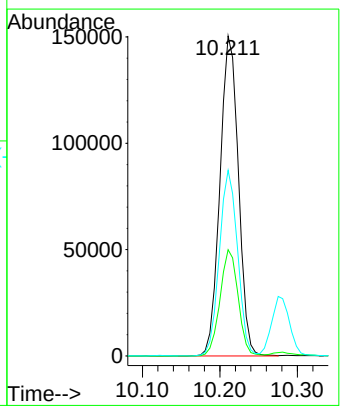




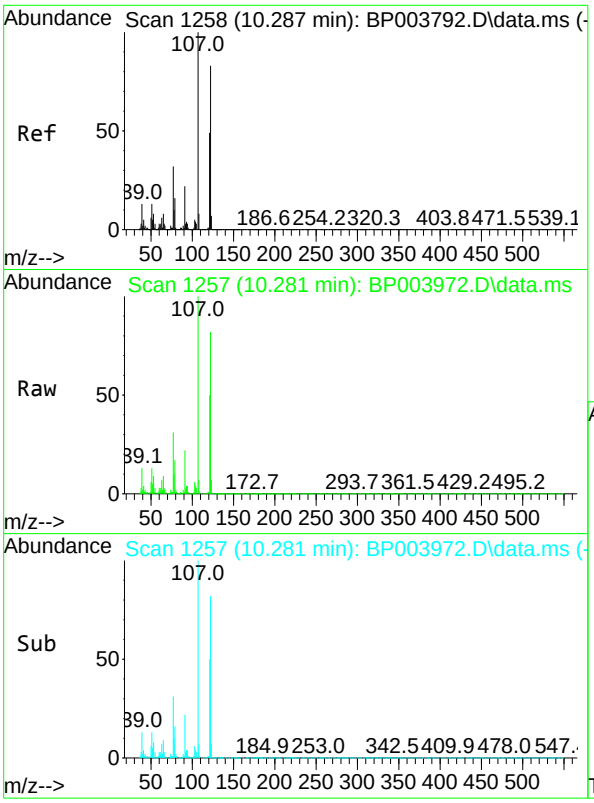
#26
2-Nitrophenol
Concen: 47.49 ng
RT: 10.211 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:139 Resp: 249025

Ion	Ratio	Lower	Upper
139	100		
109	33.2	22.1	33.1#
65	58.0	26.5	39.7#



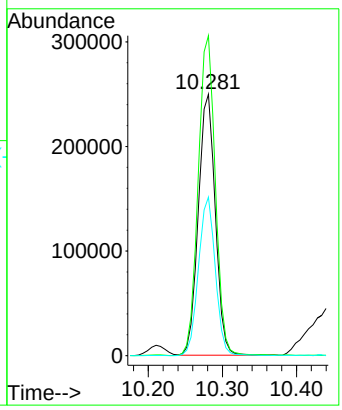
Instrument :
BNA_P
ClientSampleId :
PB133019BS

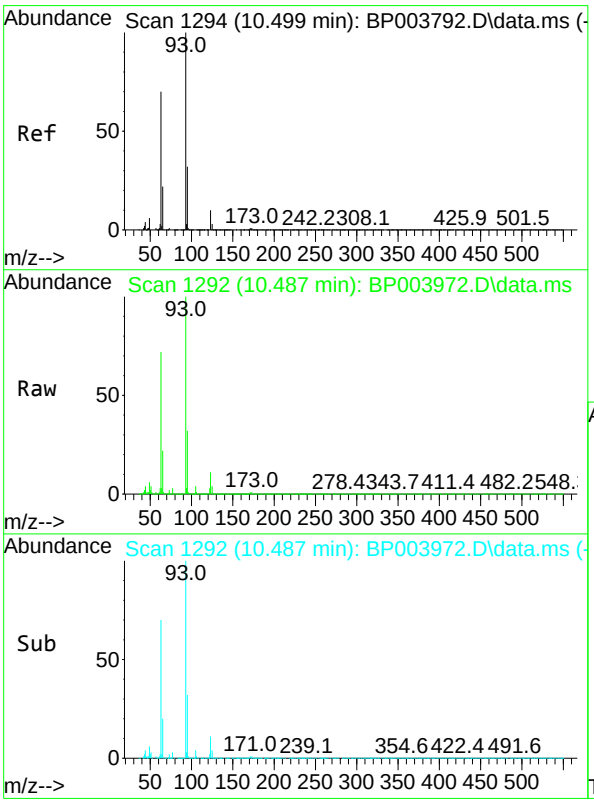


#27
2,4-Dimethylphenol
Concen: 45.28 ng
RT: 10.281 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:122 Resp: 396068

Ion	Ratio	Lower	Upper
122	100		
107	122.4	87.3	130.9
121	60.6	47.3	70.9

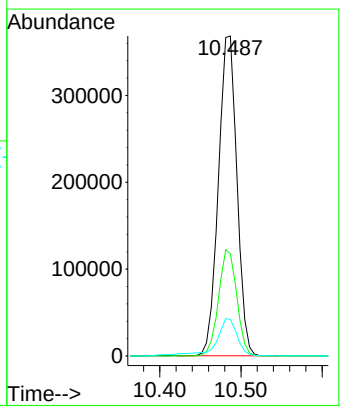




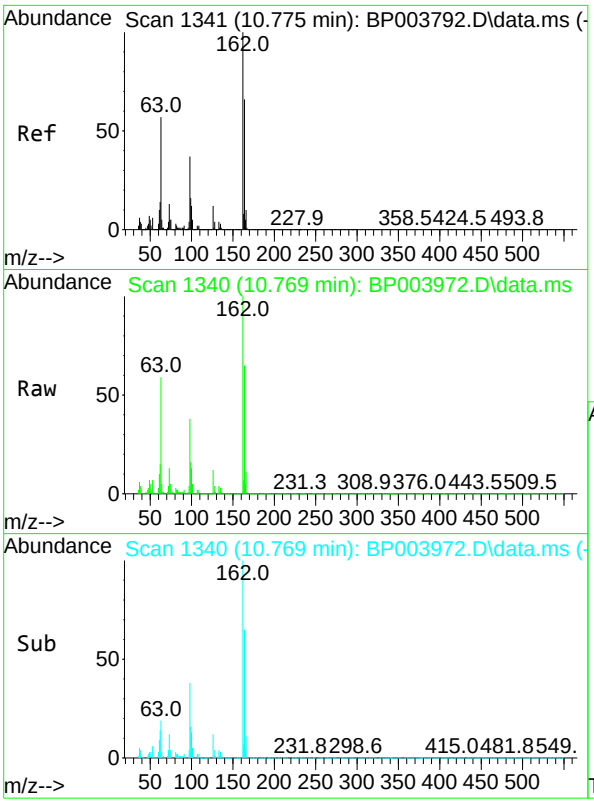
#28
bis(2-Chloroethoxy)methane
Concen: 37.13 ng
RT: 10.487 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion: 93 Resp: 584842

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.7	40.1
123	11.4	10.5	15.7



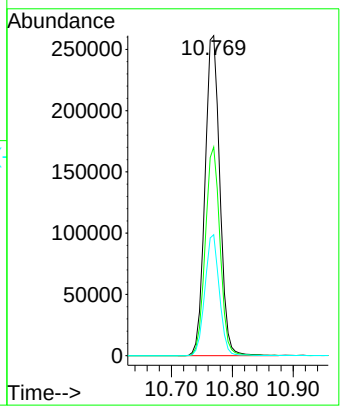
Instrument :
BNA_P
ClientSampleId :
PB133019BS

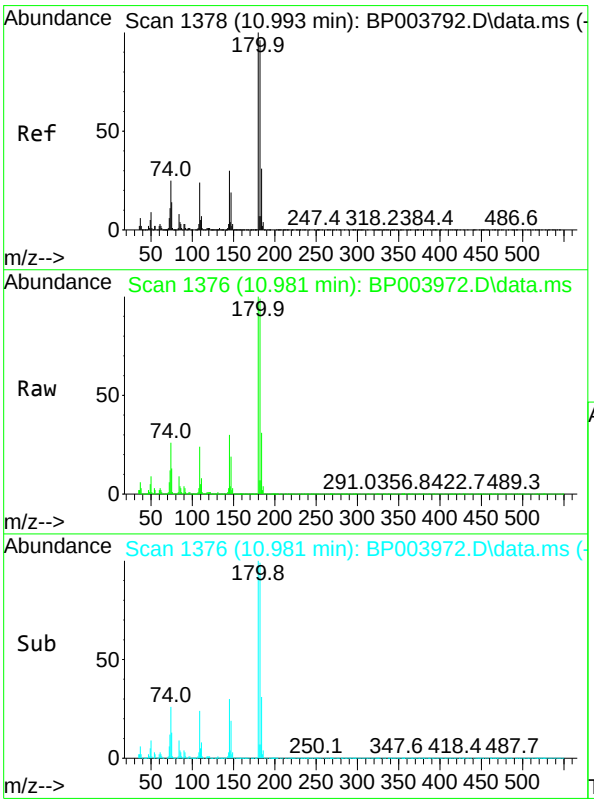


#29
2,4-Dichlorophenol
Concen: 41.93 ng
RT: 10.769 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:162 Resp: 441890

Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.8	85.8
98	37.8	10.2	50.2

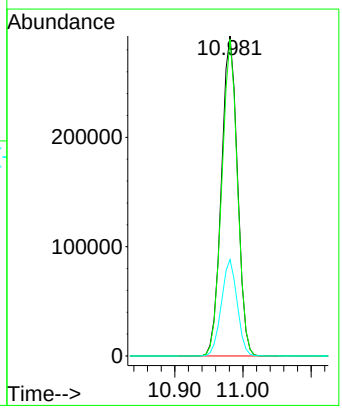




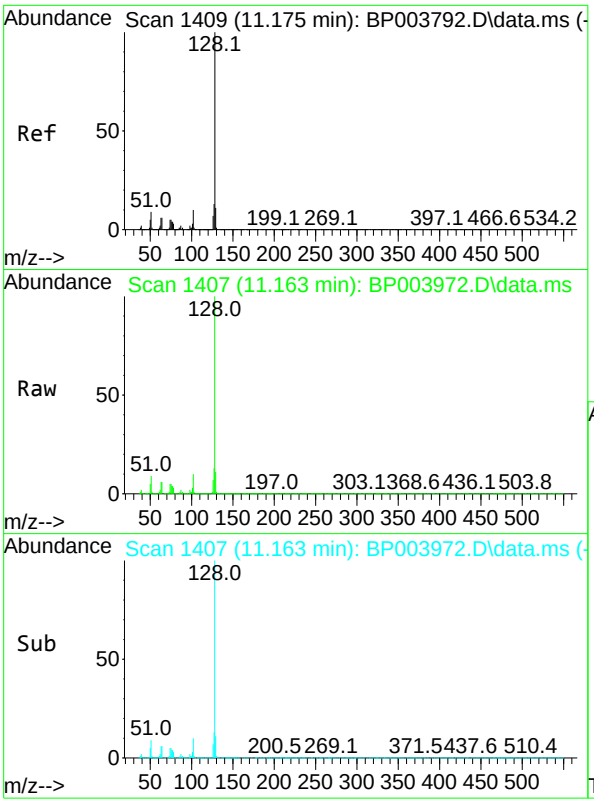
#30
1,2,4-Trichlorobenzene
Concen: 37.26 ng
RT: 10.981 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:180 Resp: 478382

Ion	Ratio	Lower	Upper
180	100		
182	99.0	76.2	114.2
145	30.2	23.8	35.8



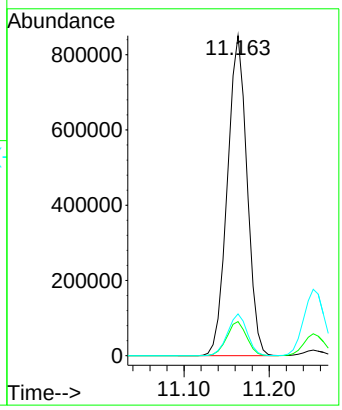
Instrument :
BNA_P
ClientSampleId :
PB133019BS

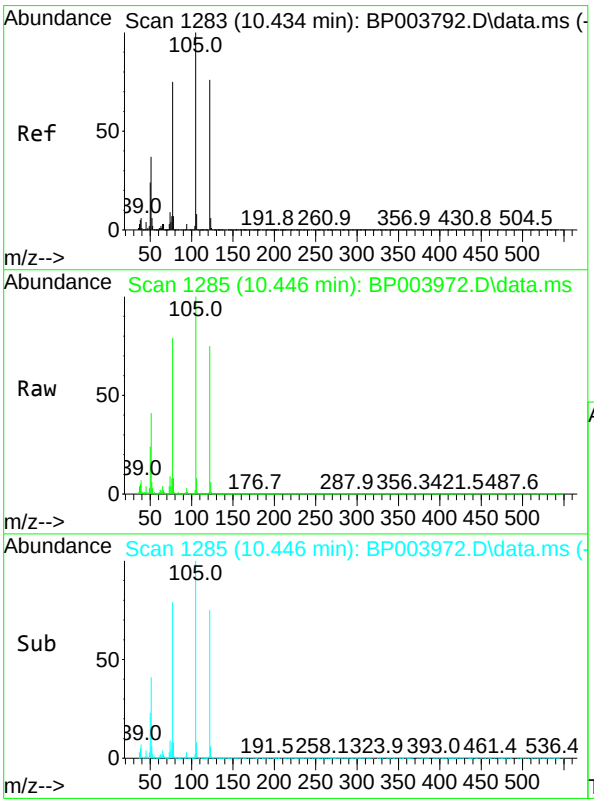


#31
Naphthalene
Concen: 38.32 ng
RT: 11.163 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:128 Resp: 1360980

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.0	10.6	15.8

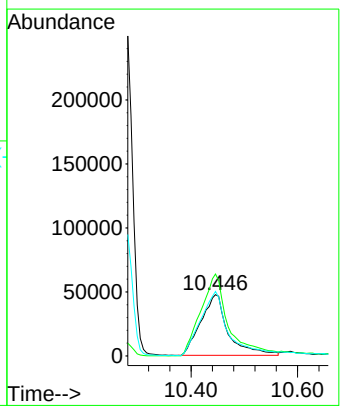




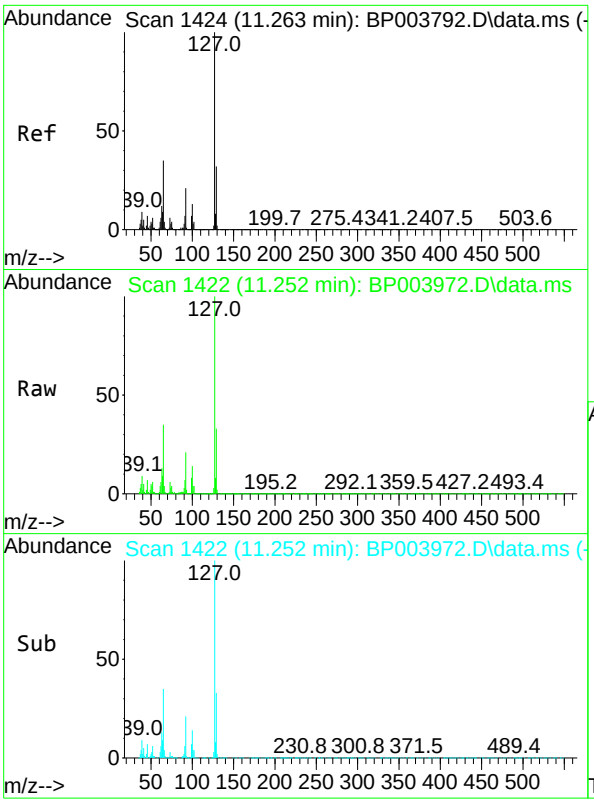
#32
Benzoic acid
Concen: 31.11 ng
RT: 10.446 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:122 Resp: 169301

Ion	Ratio	Lower	Upper
122	100		
105	133.8	94.1	134.1
77	105.4	50.1	90.1#



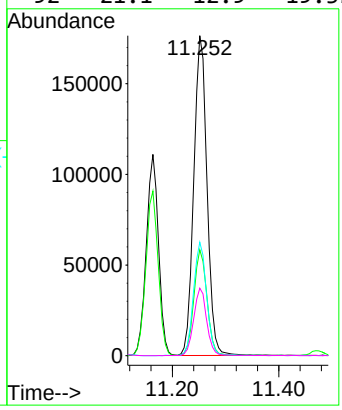
Instrument :
BNA_P
ClientSampleId :
PB133019BS

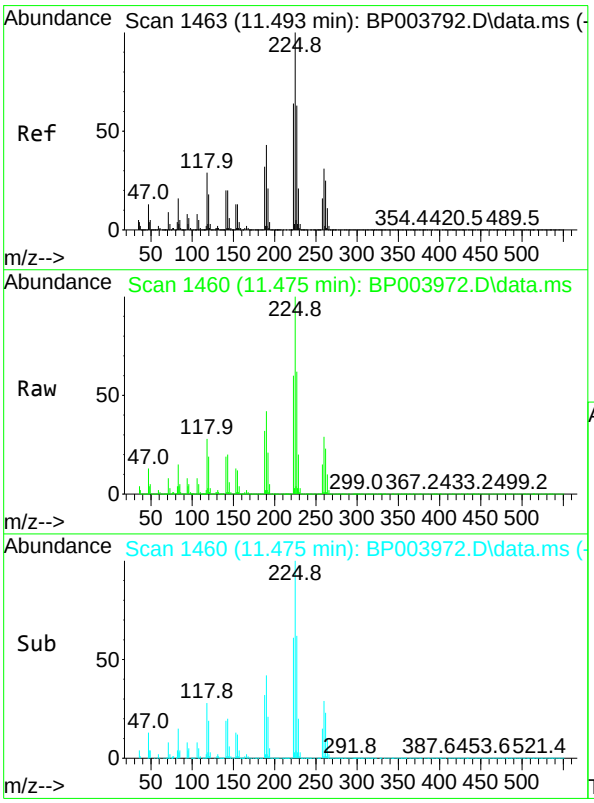


#33
4-Chloroaniline
Concen: 20.19 ng
RT: 11.252 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:127 Resp: 304775

Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.7	38.5
65	35.5	17.3	25.9#
92	21.1	12.9	19.3#

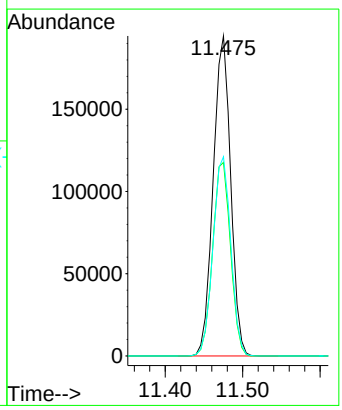




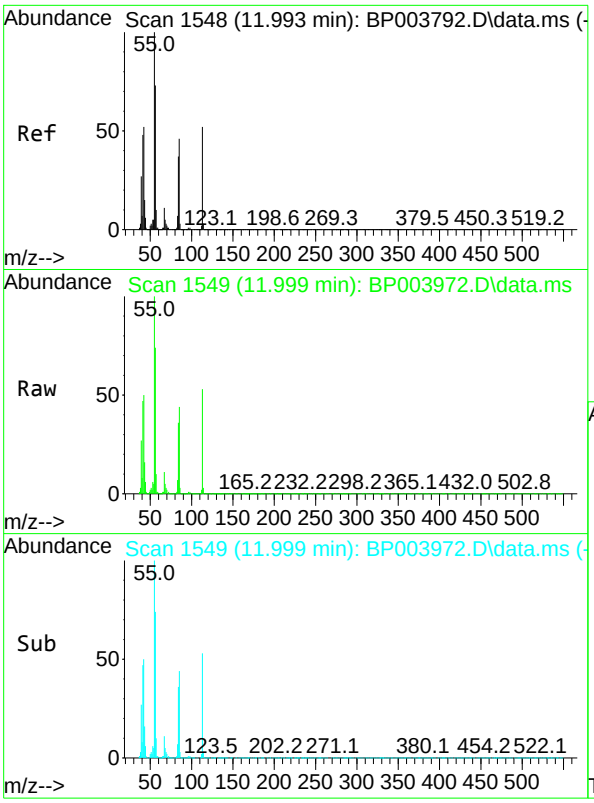
#34
Hexachlorobutadiene
Concen: 36.33 ng
RT: 11.475 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:225 Resp: 304282

Ion	Ratio	Lower	Upper
225	100		
223	60.5	50.1	75.1
227	62.3	51.4	77.2



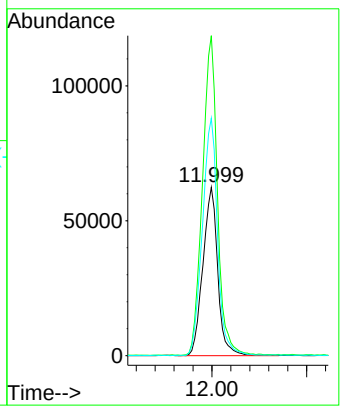
Instrument :
BNA_P
ClientSampleId :
PB133019BS

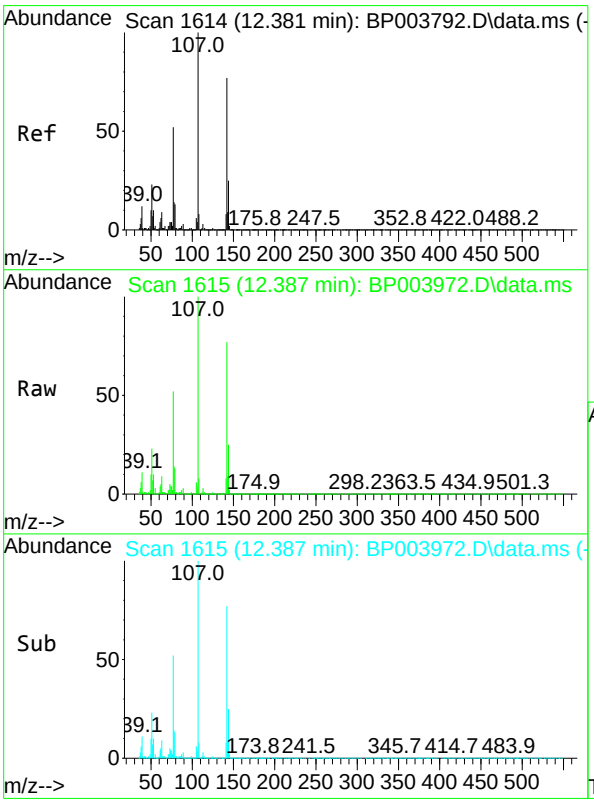


#35
Caprolactam
Concen: 41.57 ng
RT: 11.999 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:113 Resp: 135481

Ion	Ratio	Lower	Upper
113	100		
55	190.0	77.3	117.3#
56	141.0	55.9	95.9#

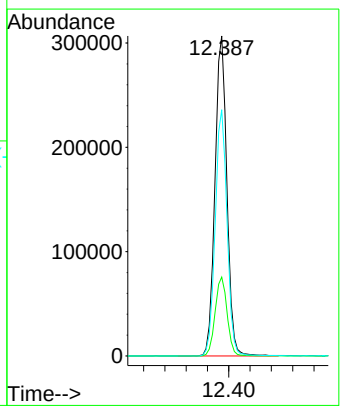




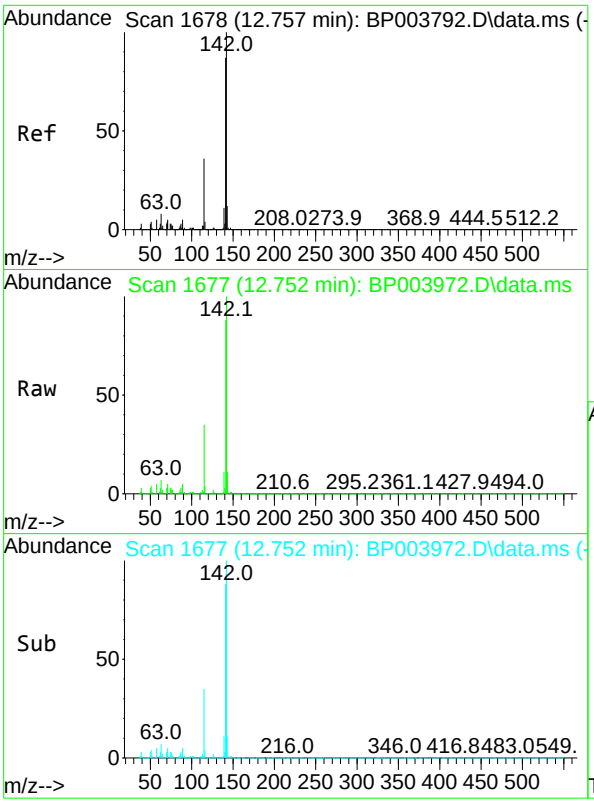
#36
4-Chloro-3-methylphenol
Concen: 41.96 ng
RT: 12.387 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:107 Resp: 477462

Ion	Ratio	Lower	Upper
107	100		
144	24.7	22.7	34.1
142	77.0	70.7	106.1



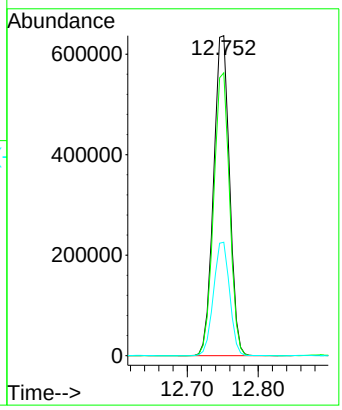
Instrument :
BNA_P
ClientSampleId :
PB133019BS

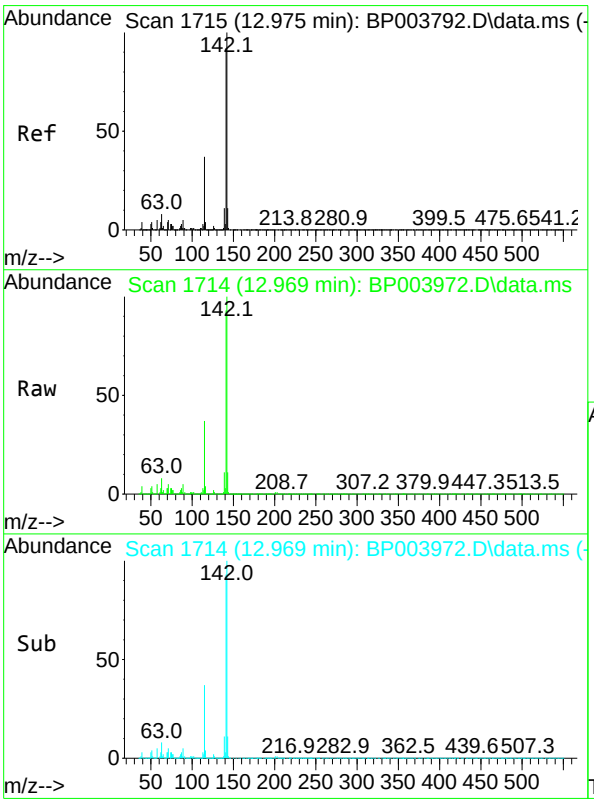


#37
2-Methylnaphthalene
Concen: 38.98 ng
RT: 12.752 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:142 Resp: 990594

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2
115	35.4	25.8	38.6

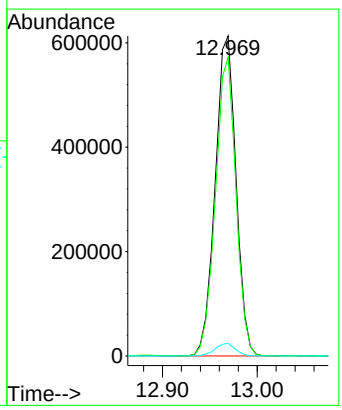




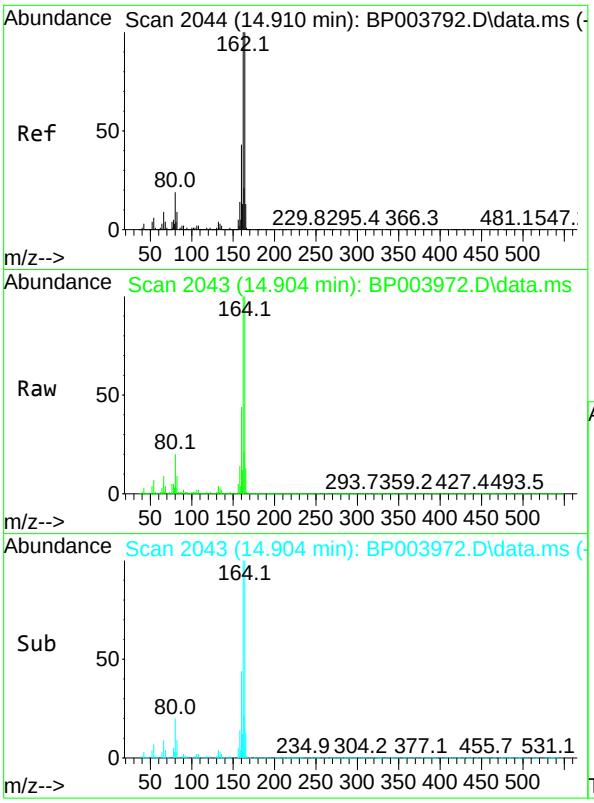
#38
1-Methylnaphthalene
Concen: 38.63 ng
RT: 12.969 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:142 Resp: 936315

Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.4	111.6
116	3.9	2.9	4.3



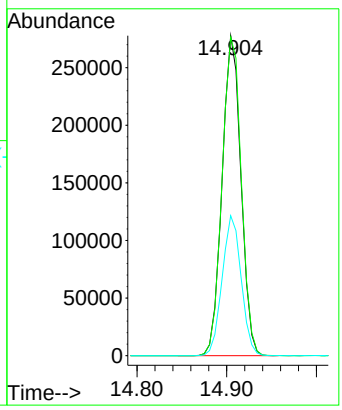
Instrument :
BNA_P
ClientSampleId :
PB133019BS

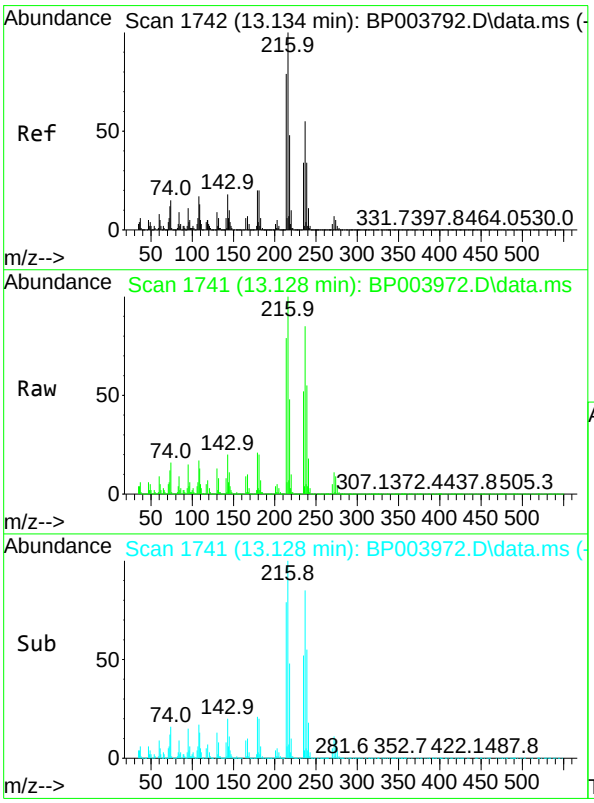


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:164 Resp: 404056

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.4	119.2
160	43.8	36.1	54.1

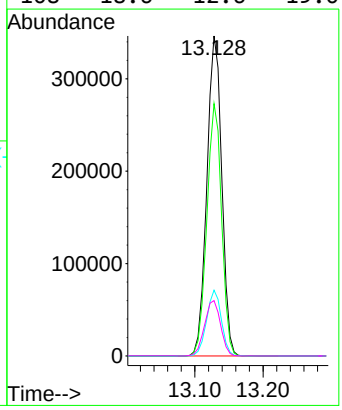




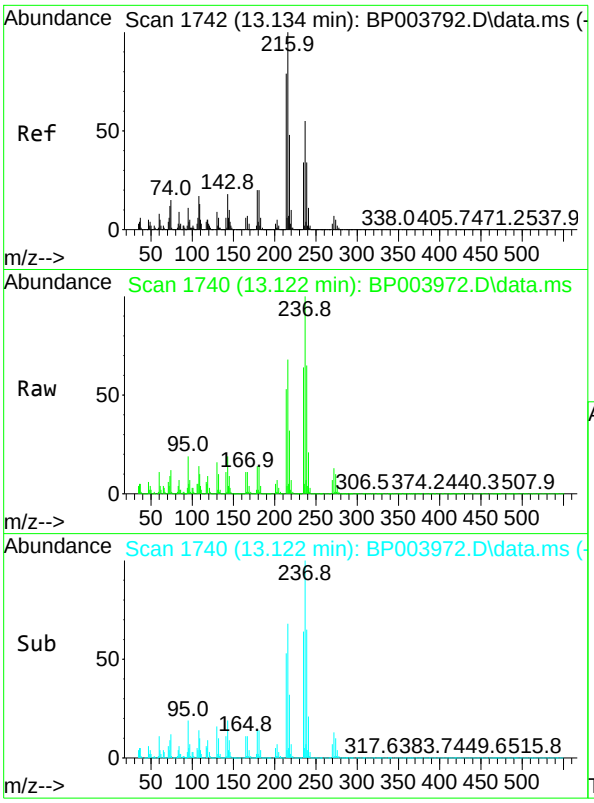
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.38 ng
RT: 13.128 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:216 Resp: 526625

Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.0	94.6
179	20.3	16.9	25.3
108	18.6	12.6	19.0



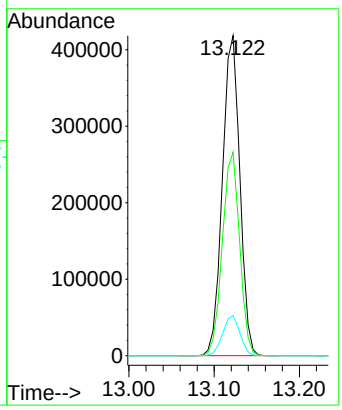
Instrument :
BNA_P
ClientSampleId :
PB133019BS

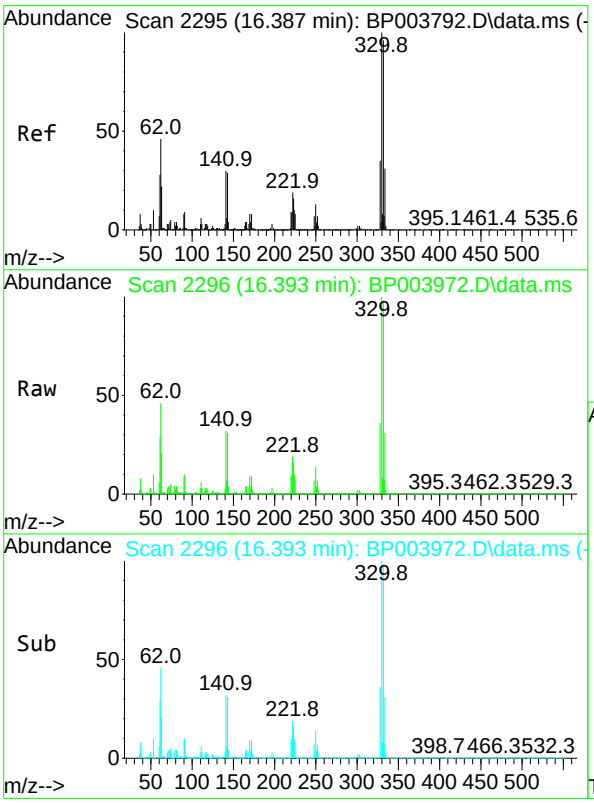


#41
Hexachlorocyclopentadiene
Concen: 88.12 ng
RT: 13.122 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:237 Resp: 594475

Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.2	83.2
272	12.6	0.0	33.3

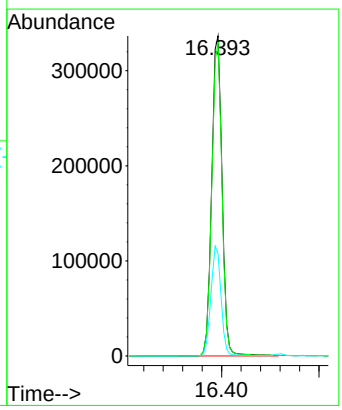




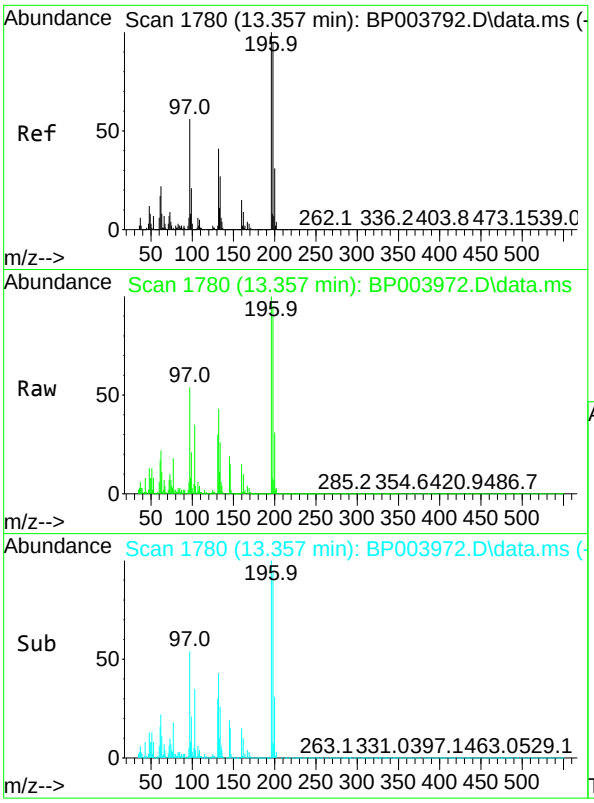
#42
2,4,6-Tribromophenol
Concen: 97.59 ng
RT: 16.393 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:330 Resp: 493187

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	33.9	23.4	35.2



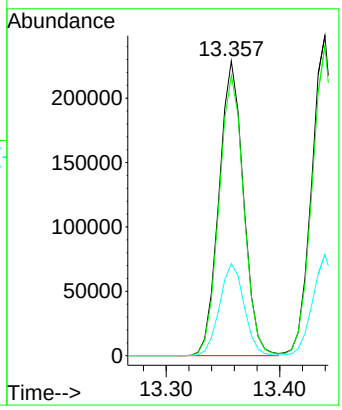
Instrument :
BNA_P
ClientSampleId :
PB133019BS

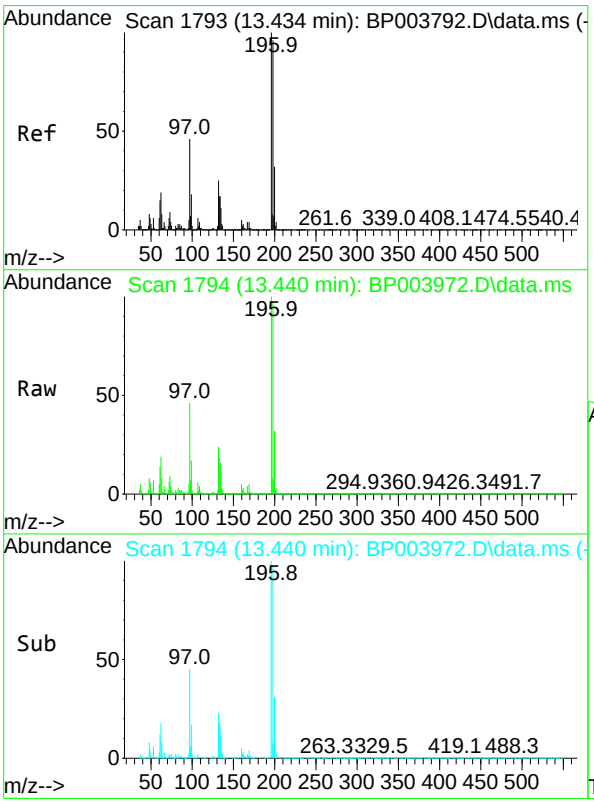


#43
2,4,6-Trichlorophenol
Concen: 41.41 ng
RT: 13.357 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:196 Resp: 342303

Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.0	115.6
200	31.2	25.1	37.7

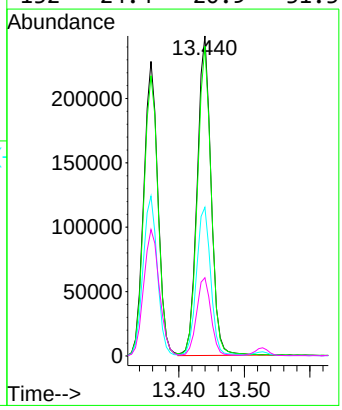




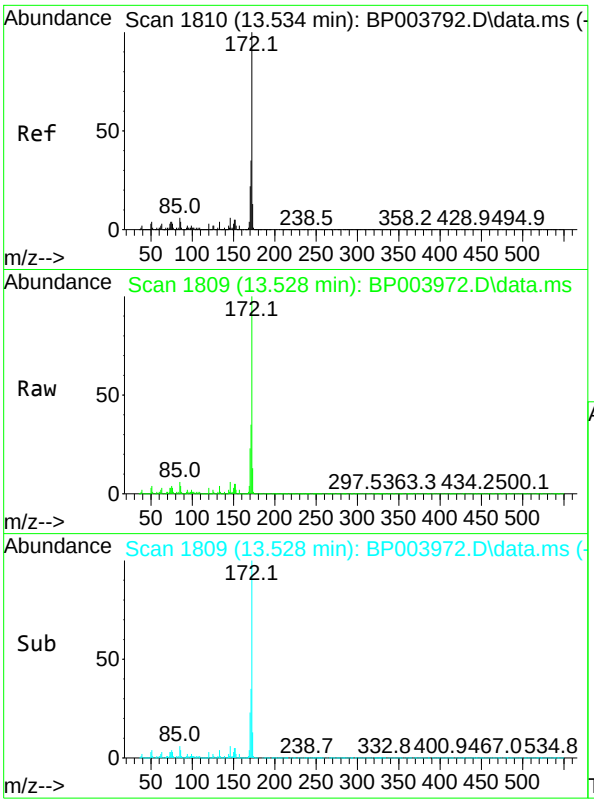
#44
2,4,5-Trichlorophenol
Concen: 42.08 ng
RT: 13.440 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:196 Resp: 366274

Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.3	115.9
97	46.4	31.0	46.4#
132	24.4	20.9	31.3



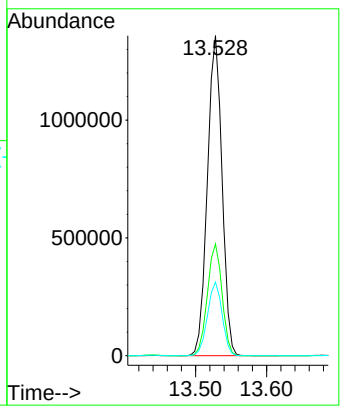
Instrument :
BNA_P
ClientSampleId :
PB133019BS

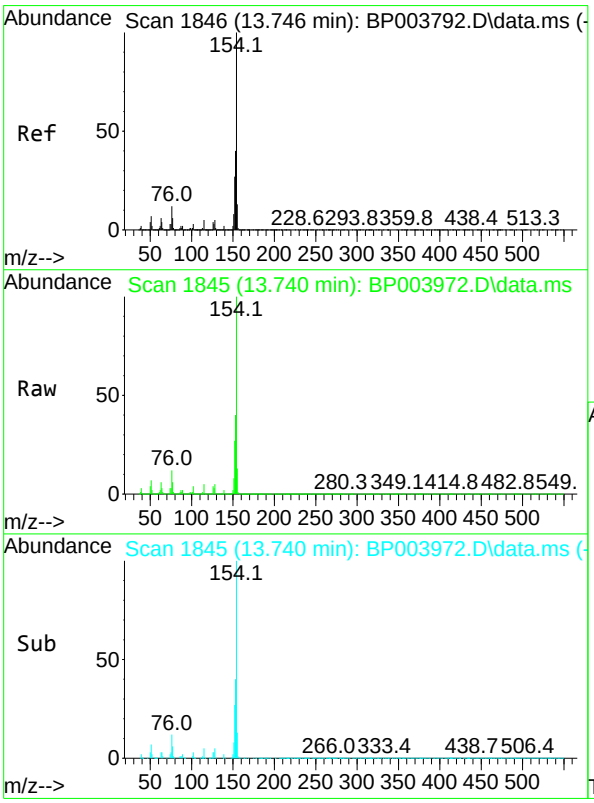


#45
2-Fluorobiphenyl
Concen: 67.31 ng
RT: 13.528 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:172 Resp: 1945250

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.0	19.2	28.8

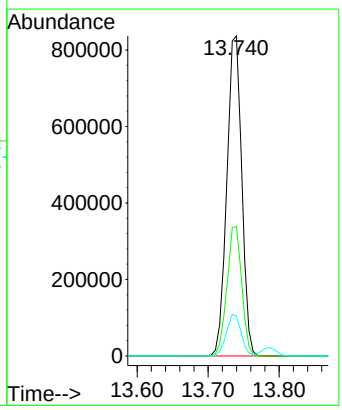




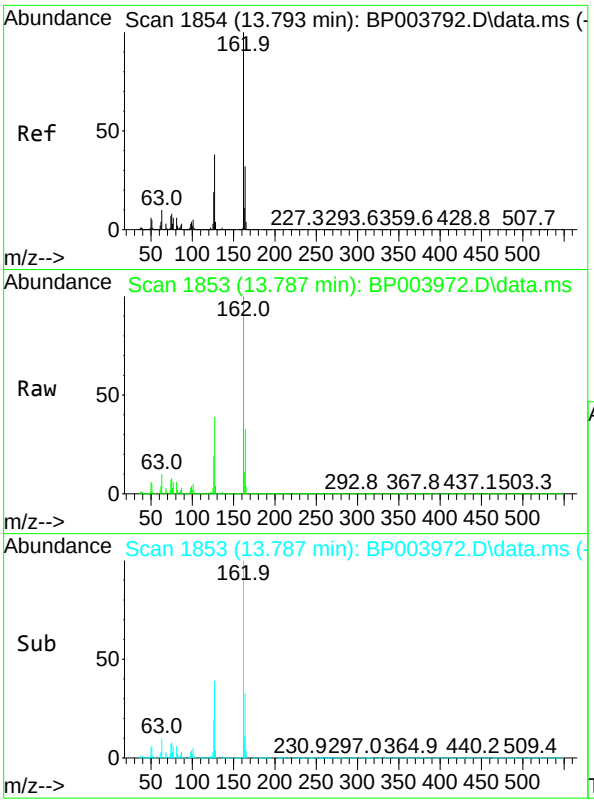
#46
1,1'-Biphenyl
Concen: 38.93 ng
RT: 13.740 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:154 Resp: 1221116

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.4	60.4
76	12.5	0.0	29.3



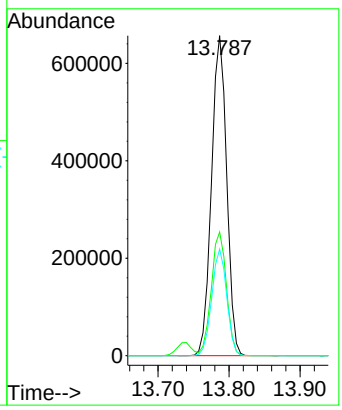
Instrument :
BNA_P
ClientSampleId :
PB133019BS

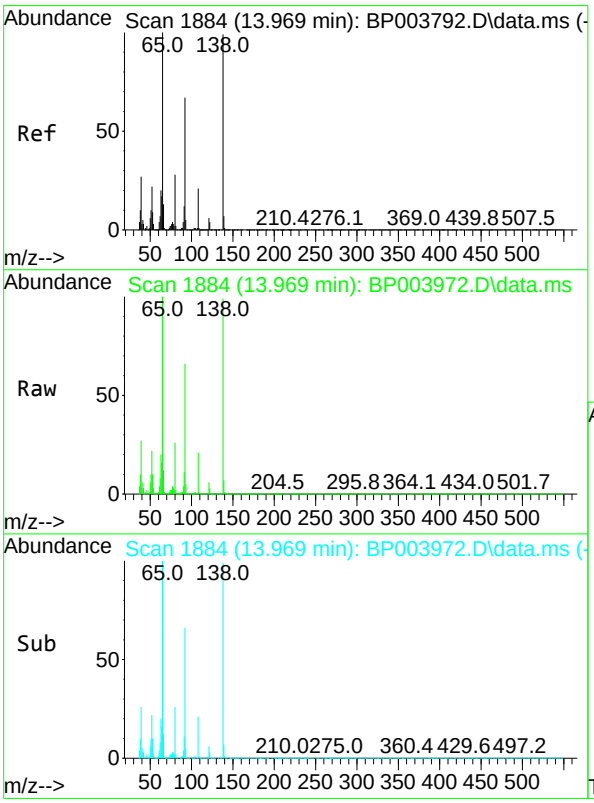


#47
2-Chloronaphthalene
Concen: 37.81 ng
RT: 13.787 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:162 Resp: 972953

Ion	Ratio	Lower	Upper
162	100		
127	38.7	29.9	44.9
164	33.3	26.1	39.1

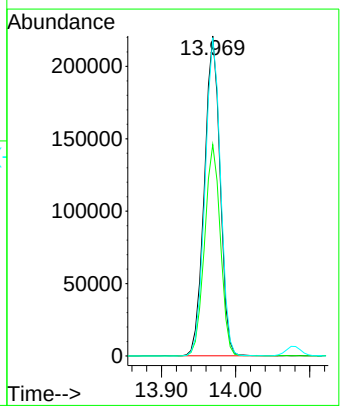




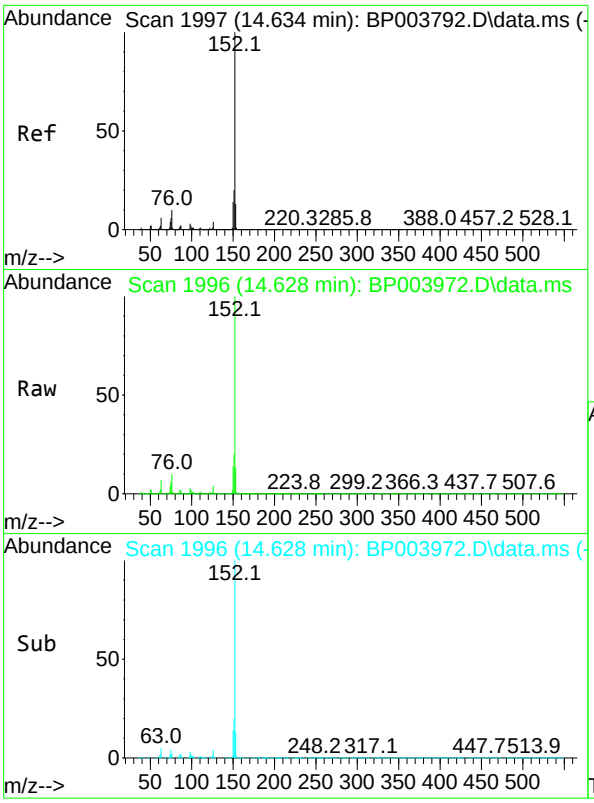
#48
2-Nitroaniline
Concen: 42.24 ng
RT: 13.969 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion: 65 Resp: 324347

Ion	Ratio	Lower	Upper
65	100		
92	66.0	70.6	106.0#
138	99.4	133.6	200.4#



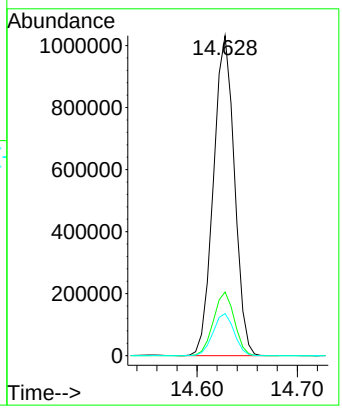
Instrument :
BNA_P
ClientSampleId :
PB133019BS

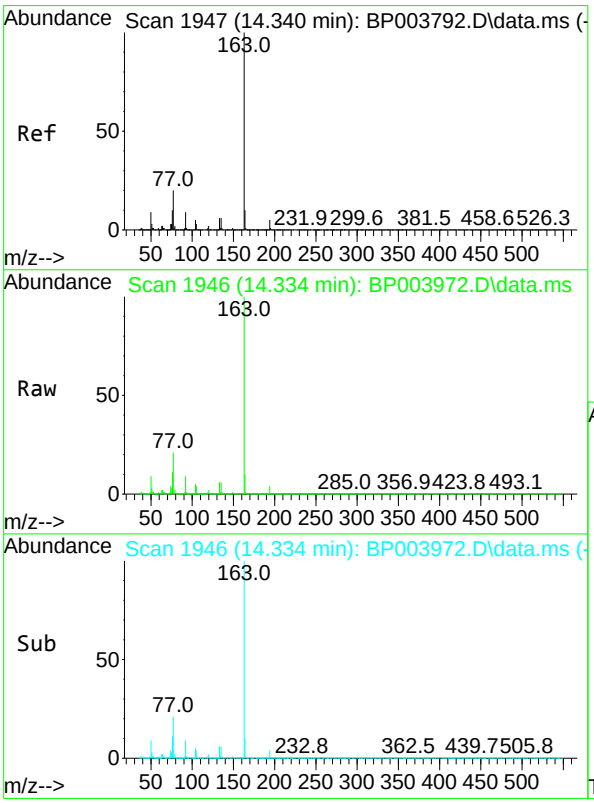


#49
Acenaphthylene
Concen: 39.62 ng
RT: 14.628 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:152 Resp: 1497271

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.2	10.5	15.7

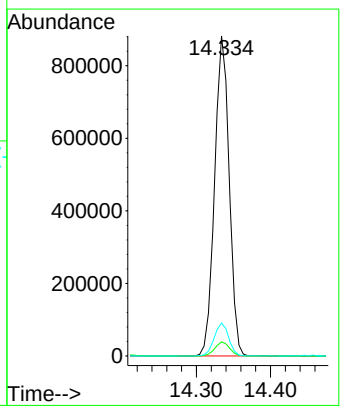




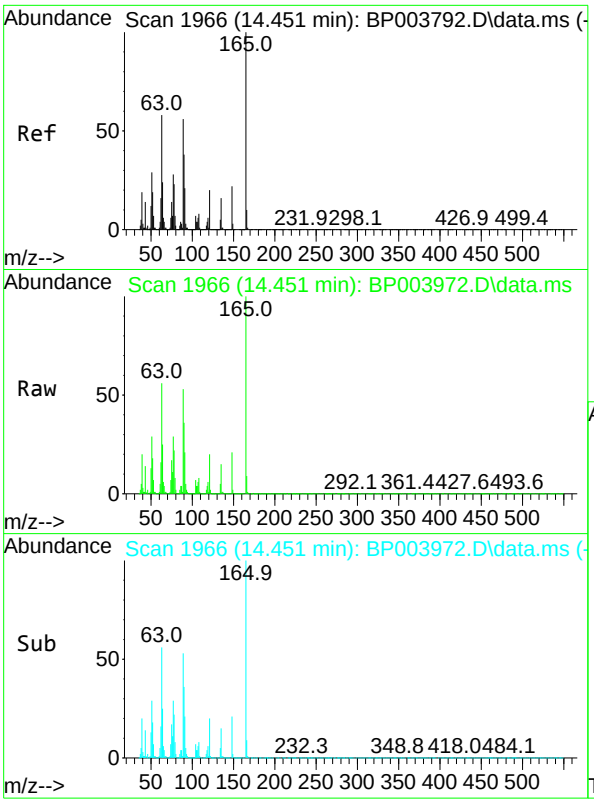
#50
Dimethylphthalate
Concen: 38.10 ng
RT: 14.334 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:163 Resp: 1203334

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.3	8.2	12.2



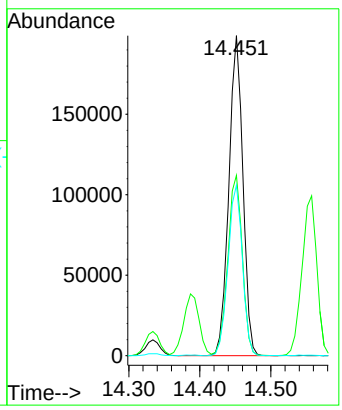
Instrument :
BNA_P
ClientSampleId :
PB133019BS

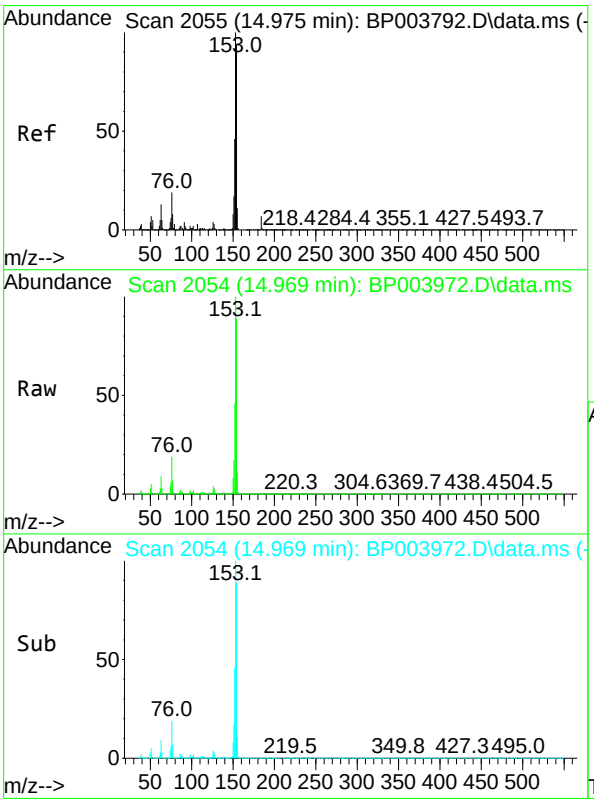


#51
2,6-Dinitrotoluene
Concen: 42.11 ng
RT: 14.451 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:165 Resp: 272914

Ion	Ratio	Lower	Upper
165	100		
63	56.4	27.8	41.6#
89	53.3	34.6	52.0#

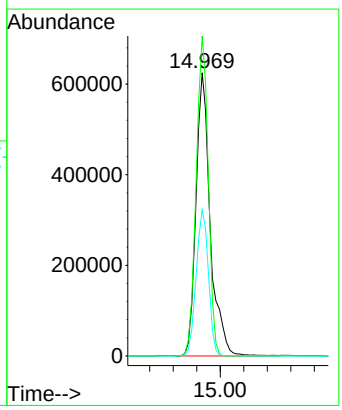




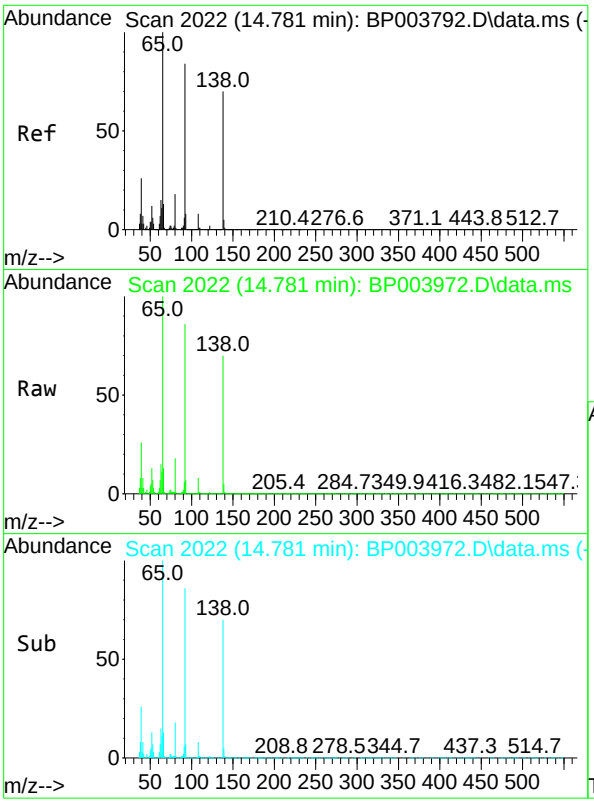
#52
Acenaphthene
Concen: 41.87 ng
RT: 14.969 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:154 Resp: 1054031

Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.0	136.6
152	51.6	43.0	64.6



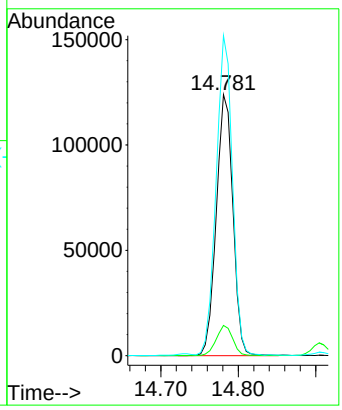
Instrument :
BNA_P
ClientSampleId :
PB133019BS

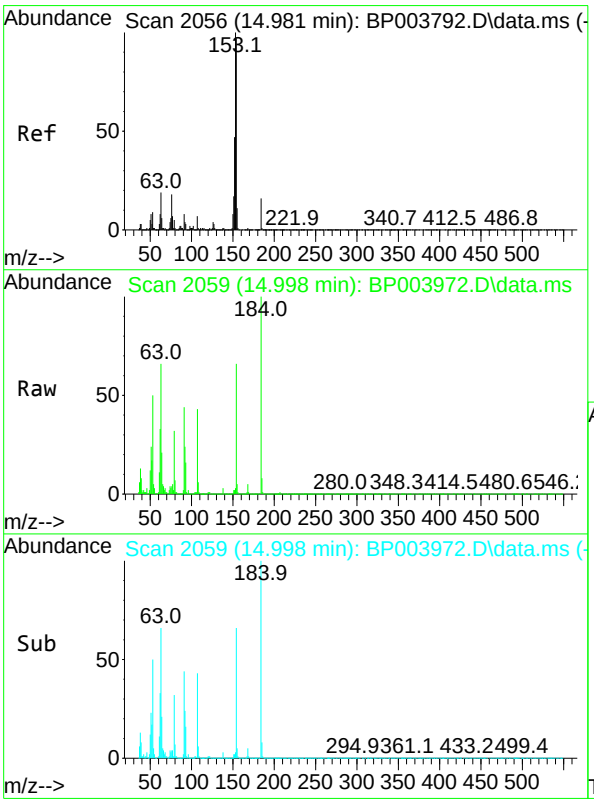


#53
3-Nitroaniline
Concen: 25.75 ng
RT: 14.781 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:138 Resp: 184687

Ion	Ratio	Lower	Upper
138	100		
108	11.6	7.5	11.3#
92	122.6	75.0	112.6#

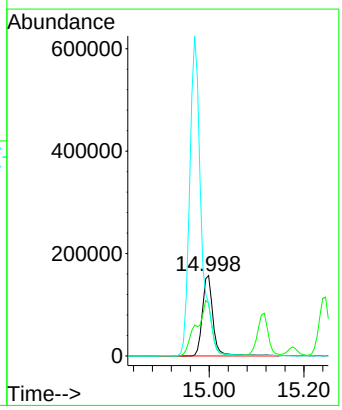




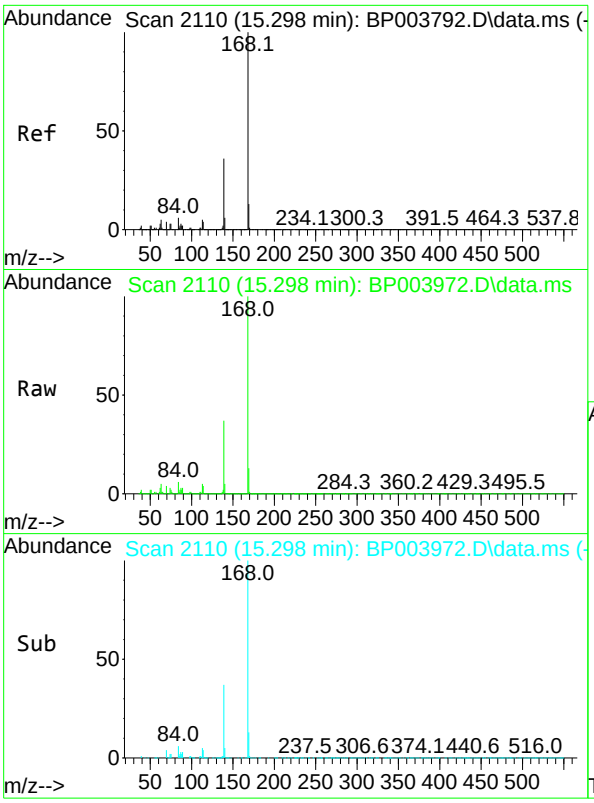
#54
2,4-Dinitrophenol
Concen: 71.24 ng
RT: 14.998 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:184 Resp: 246297

Ion	Ratio	Lower	Upper
184	100		
63	65.7	32.3	48.5#
154	65.8	49.1	73.7



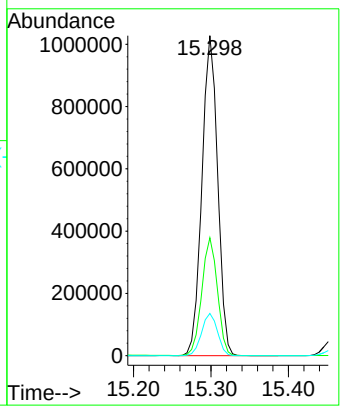
Instrument :
BNA_P
ClientSampleId :
PB133019BS

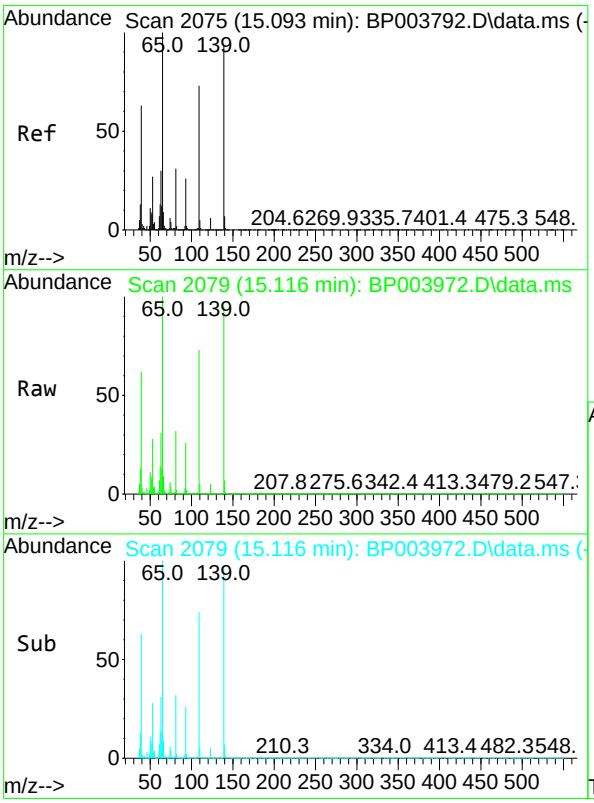


#55
Dibenzofuran
Concen: 38.69 ng
RT: 15.298 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:168 Resp: 1447221

Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.1	43.7
169	13.2	10.4	15.6

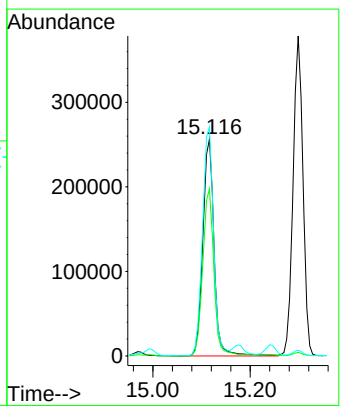




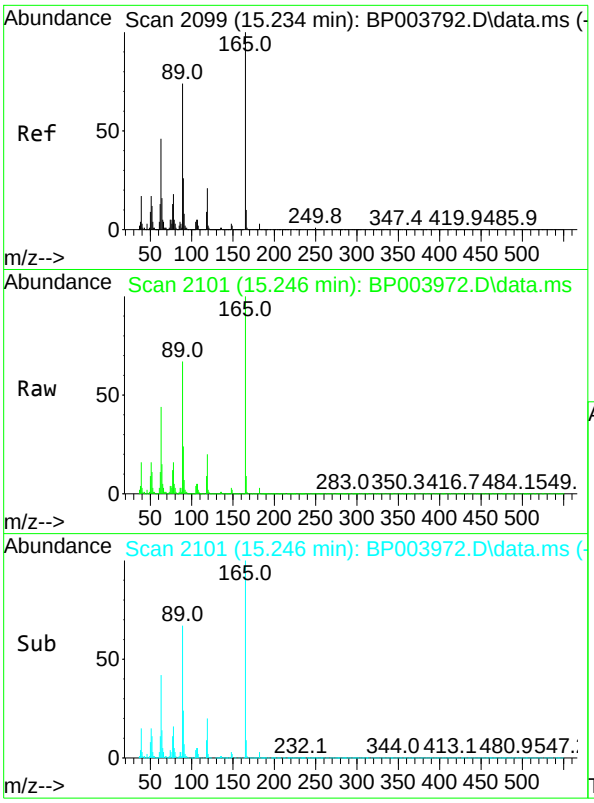
#56
4-Nitrophenol
Concen: 79.37 ng
RT: 15.116 min Scan# 2079
Delta R.T. 0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:139 Resp: 410356

Ion	Ratio	Lower	Upper
139	100		
109	77.1	44.6	84.6
65	105.6	41.6	81.6#



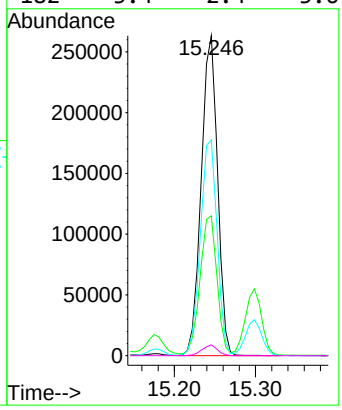
Instrument :
BNA_P
ClientSampleId :
PB133019BS

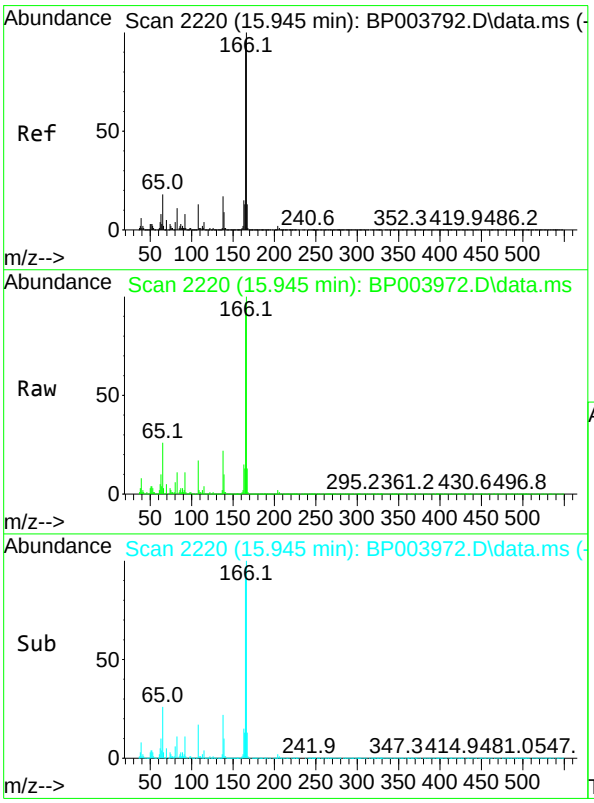


#57
2,4-Dinitrotoluene
Concen: 42.26 ng
RT: 15.246 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:165 Resp: 367727

Ion	Ratio	Lower	Upper
165	100		
63	43.7	20.6	31.0#
89	67.4	42.6	63.8#
182	3.4	2.4	3.6

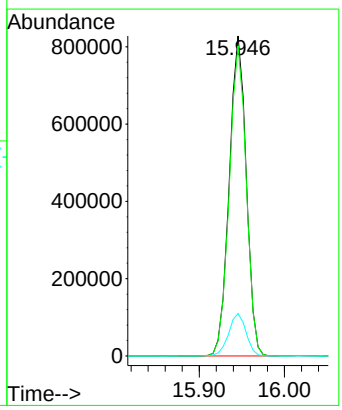




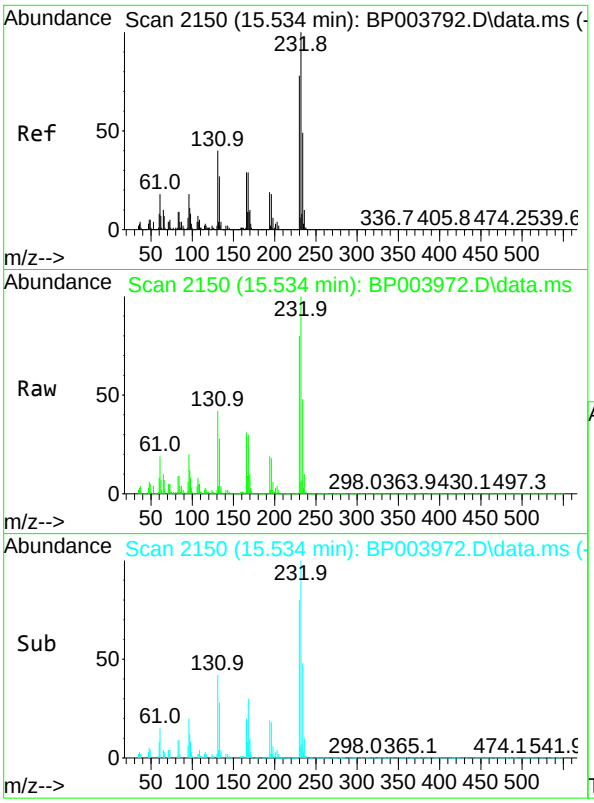
#58
Fluorene
Concen: 38.27 ng
RT: 15.945 min Scan# 2220
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:166 Resp: 1146092

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.8	116.8
167	13.2	11.0	16.4



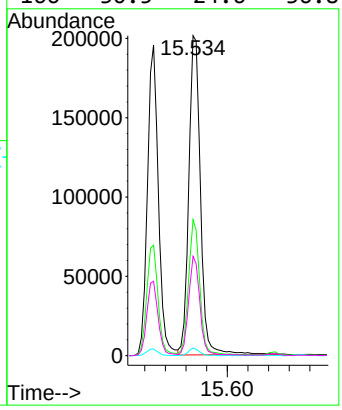
Instrument :
BNA_P
ClientSampleId :
PB133019BS

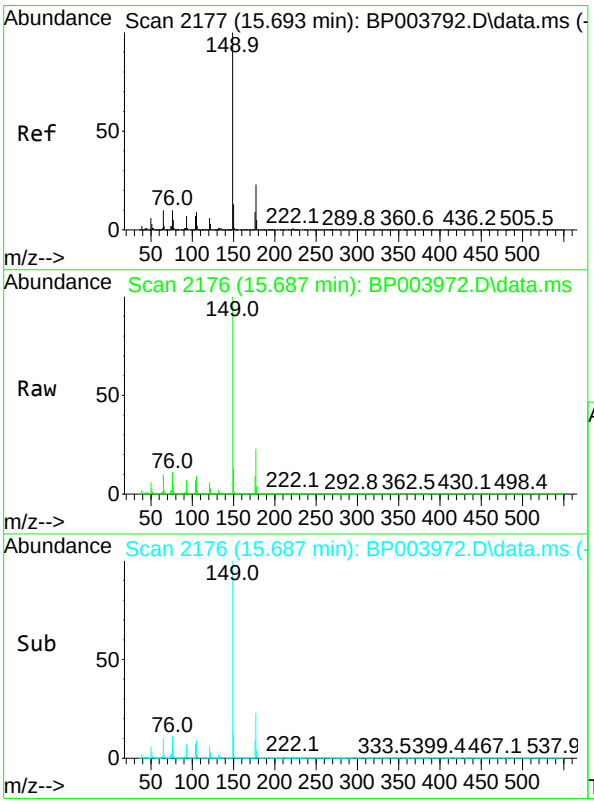


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.19 ng
RT: 15.534 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:232 Resp: 315373

Ion	Ratio	Lower	Upper
232	100		
131	39.9	34.1	51.1
130	2.3	1.8	2.8
166	30.5	24.6	36.8

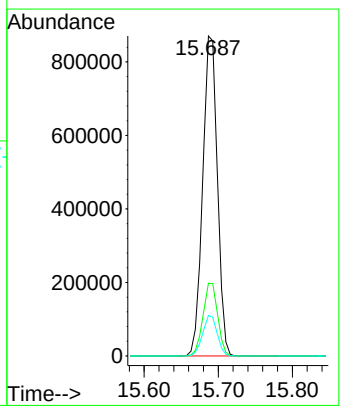




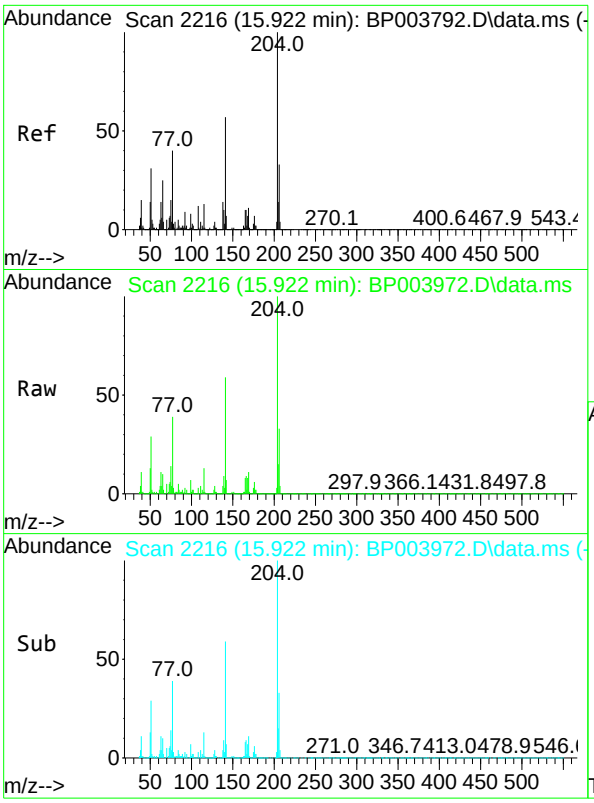
#60
Diethylphthalate
Concen: 38.76 ng
RT: 15.687 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:149 Resp: 1198785

Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.0	27.0
150	12.6	10.0	15.0



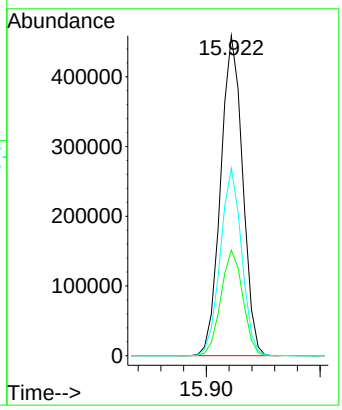
Instrument :
BNA_P
ClientSampleId :
PB133019BS

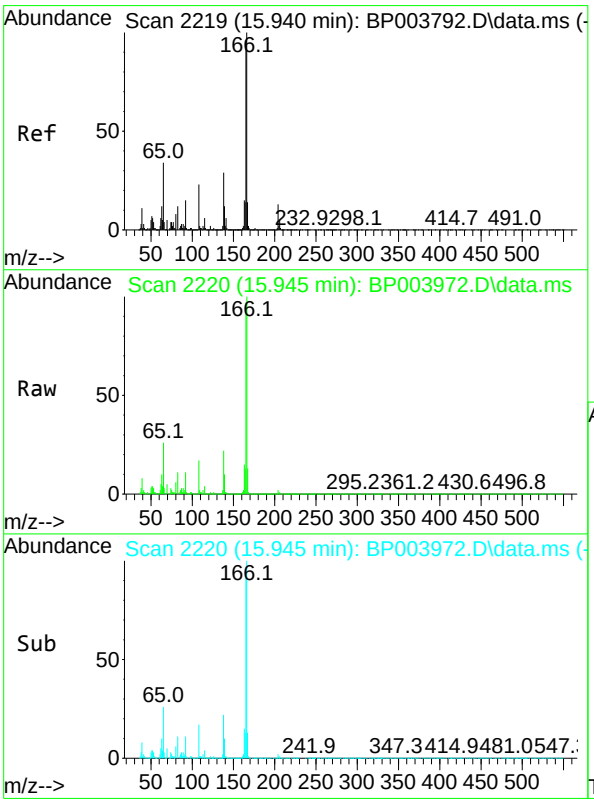


#61
4-Chlorophenyl-phenylether
Concen: 37.64 ng
RT: 15.922 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:204 Resp: 616095

Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.9	38.9
141	58.6	46.5	69.7

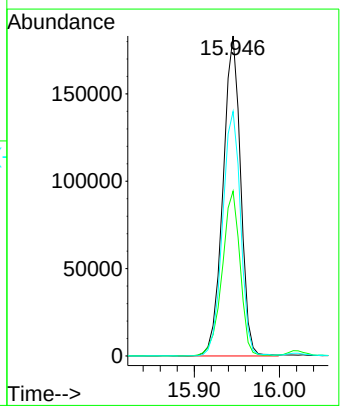




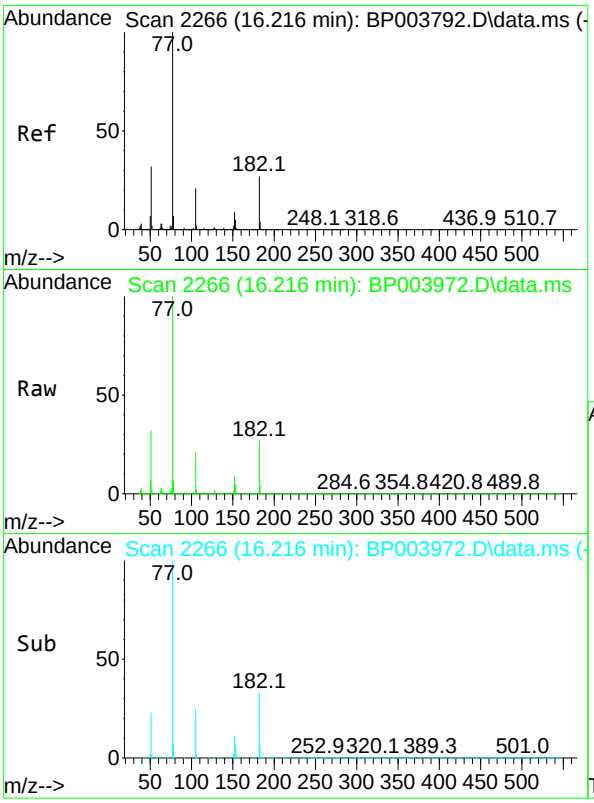
#62
4-Nitroaniline
Concen: 35.21 ng
RT: 15.945 min Scan# 2220
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:138 Resp: 263326

Ion	Ratio	Lower	Upper
138	100		
92	51.5	20.7	60.7
108	76.4	47.8	87.8



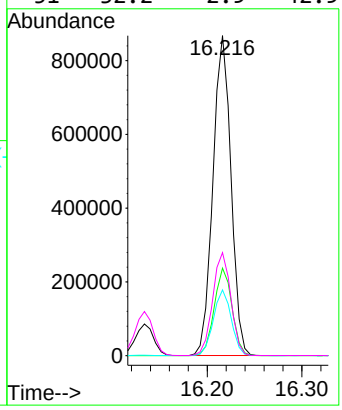
Instrument :
BNA_P
ClientSampleId :
PB133019BS

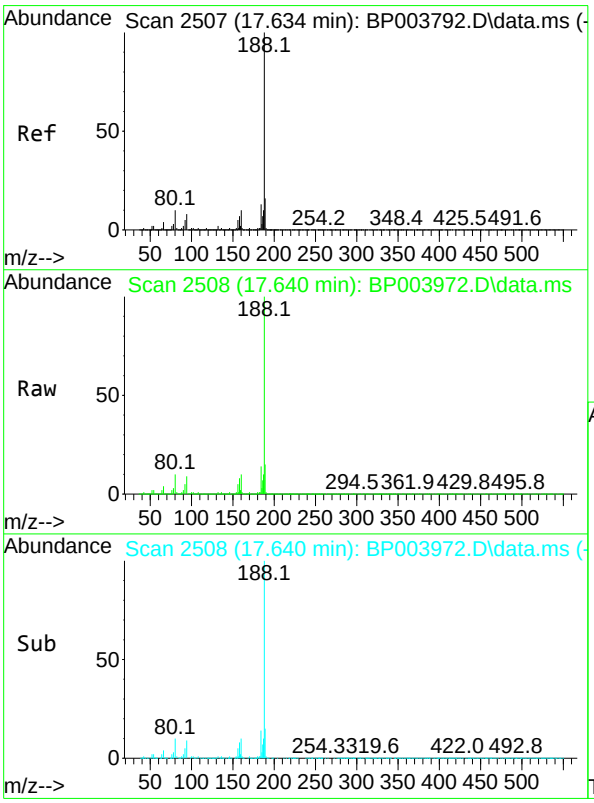


#63
Azobenzene
Concen: 39.29 ng
RT: 16.216 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion: 77 Resp: 1147307

Ion	Ratio	Lower	Upper
77	100		
182	27.3	16.9	56.9
105	20.5	5.6	45.6
51	32.2	2.9	42.9

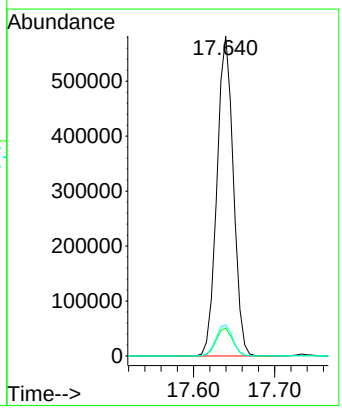




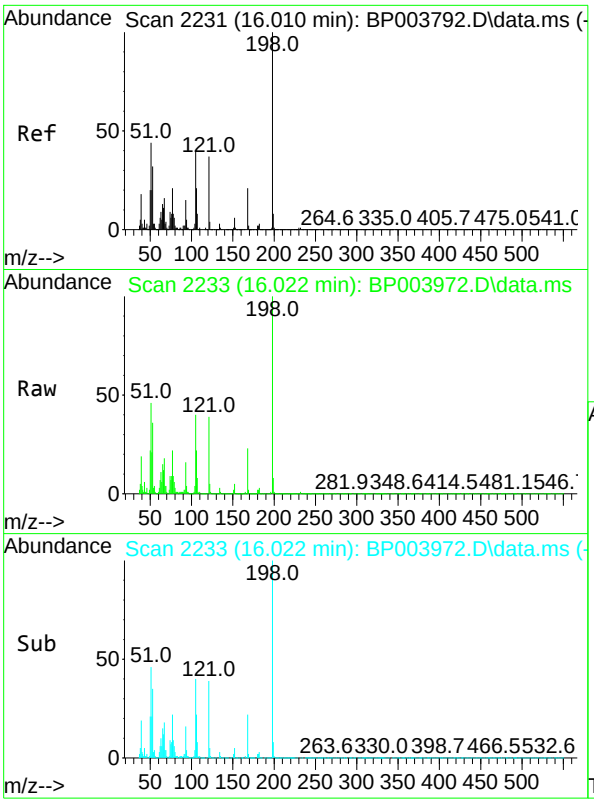
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.640 min Scan# 2508
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:188 Resp: 816205

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.2	9.2
80	9.7	6.2	9.2#



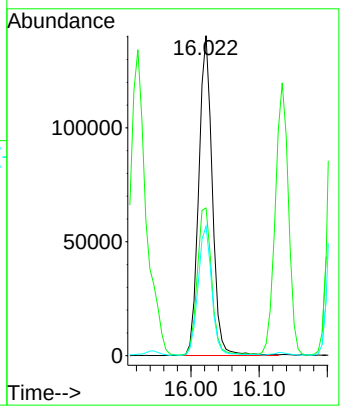
Instrument :
BNA_P
ClientSampleId :
PB133019BS

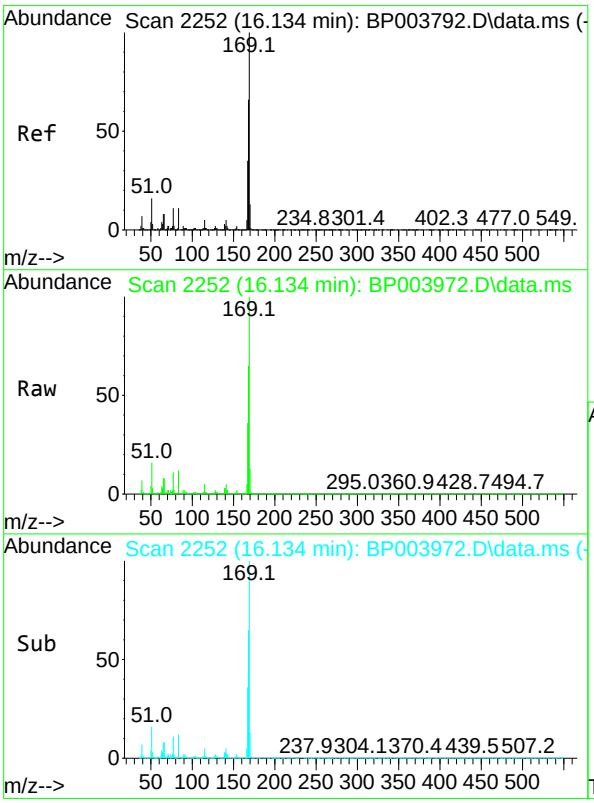


#65
4,6-Dinitro-2-methylphenol
Concen: 44.65 ng
RT: 16.022 min Scan# 2233
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:198 Resp: 193996

Ion	Ratio	Lower	Upper
198	100		
51	46.2	6.4	46.4
105	40.5	18.9	58.9

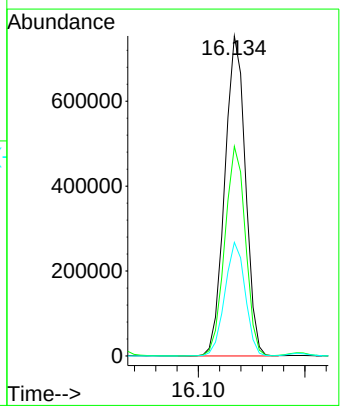




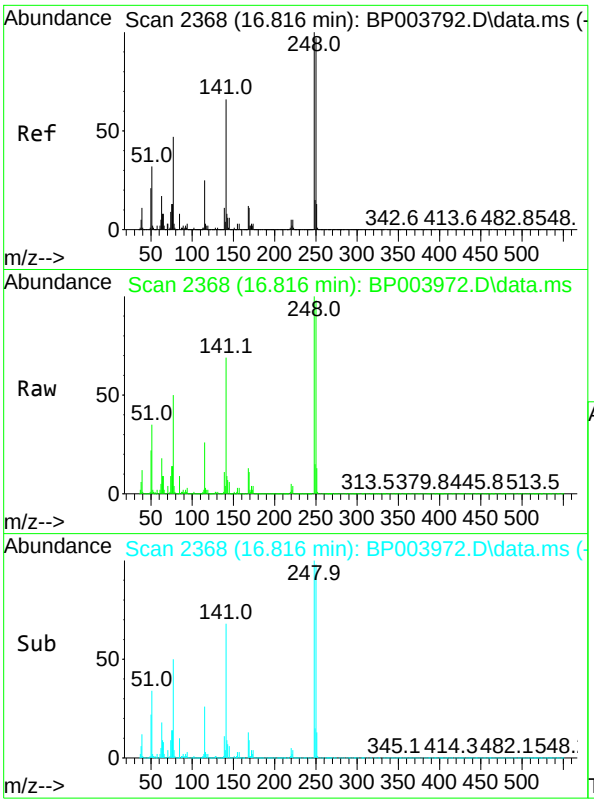
#66
n-Nitrosodiphenylamine
Concen: 40.61 ng
RT: 16.134 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:169 Resp: 1014674

Ion	Ratio	Lower	Upper
169	100		
168	65.5	53.8	80.6
167	35.5	28.9	43.3



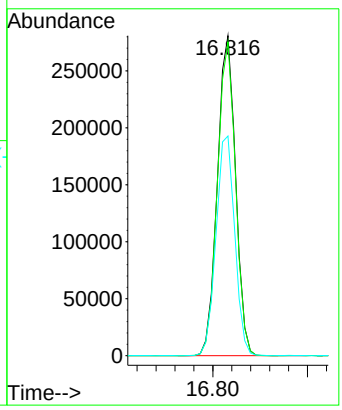
Instrument :
BNA_P
ClientSampleId :
PB133019BS

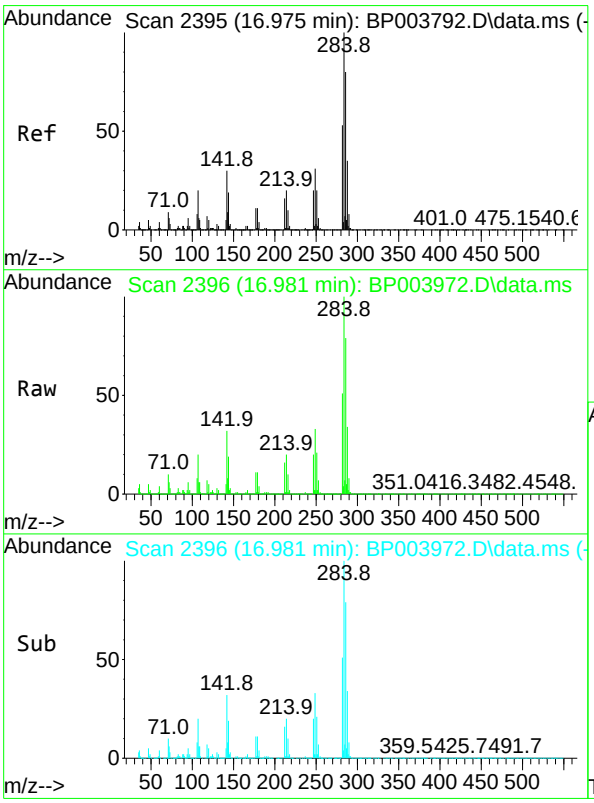


#67
4-Bromophenyl-phenylether
Concen: 39.31 ng
RT: 16.816 min Scan# 2368
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:248 Resp: 375374

Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.7	115.1
141	68.7	53.0	79.6

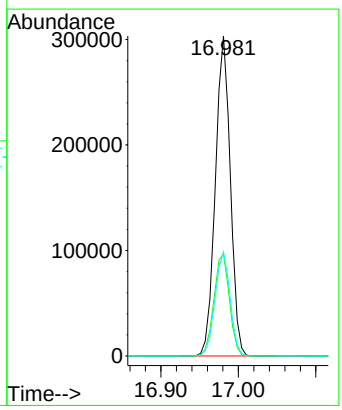




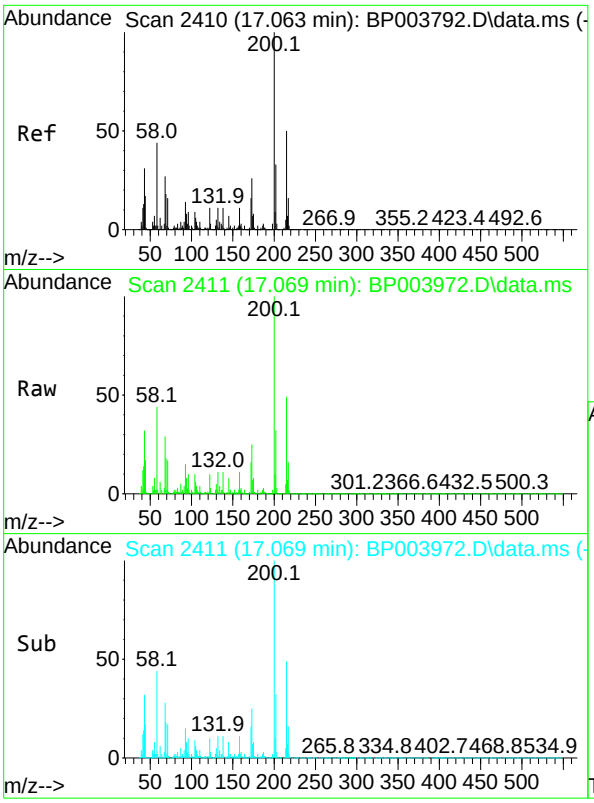
#68
Hexachlorobenzene
Concen: 37.28 ng
RT: 16.981 min Scan# 2396
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:284 Resp: 406252

Ion	Ratio	Lower	Upper
284	100		
142	32.0	24.2	36.4
249	32.6	23.8	35.8



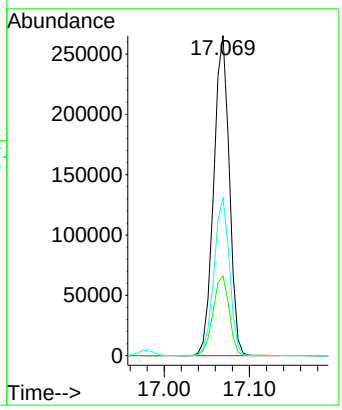
Instrument :
BNA_P
ClientSampleId :
PB133019BS

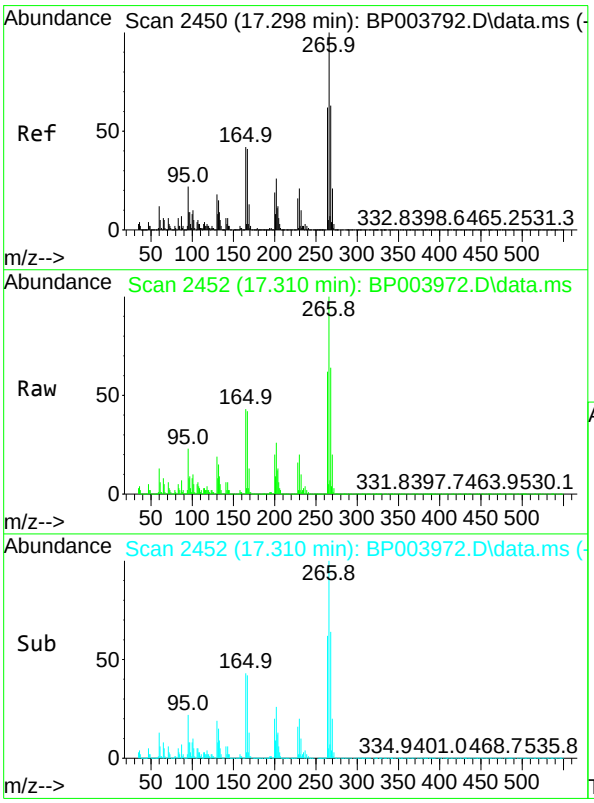


#69
Atrazine
Concen: 41.05 ng
RT: 17.069 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:200 Resp: 336694

Ion	Ratio	Lower	Upper
200	100		
173	25.0	5.9	45.9
215	49.3	28.4	68.4

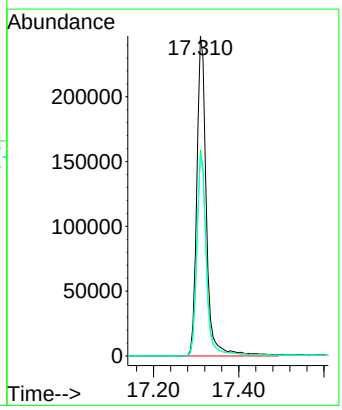




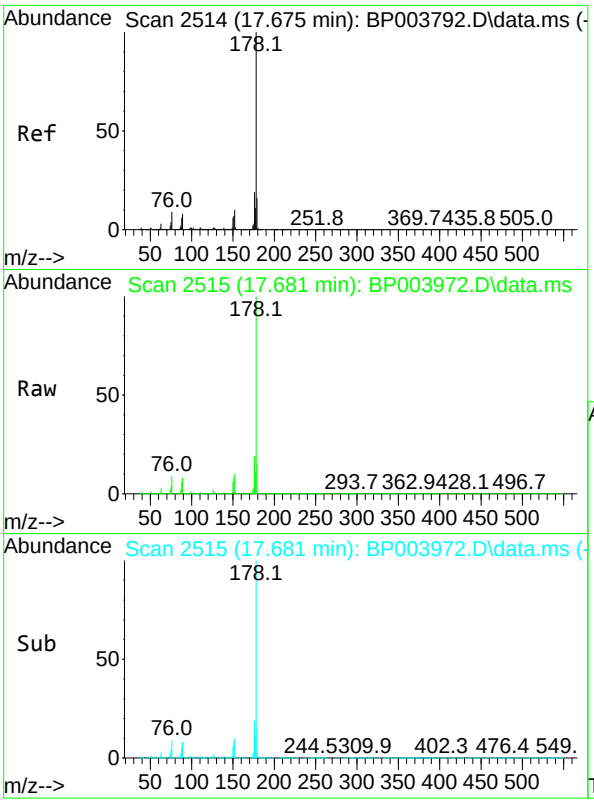
#70
Pentachlorophenol
Concen: 73.62 ng
RT: 17.310 min Scan# 2452
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:266 Resp: 383769

Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.1	76.7
264	62.4	50.6	76.0



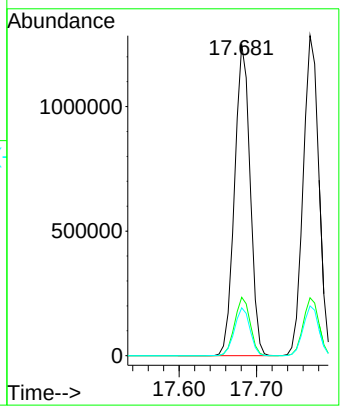
Instrument :
BNA_P
ClientSampleId :
PB133019BS

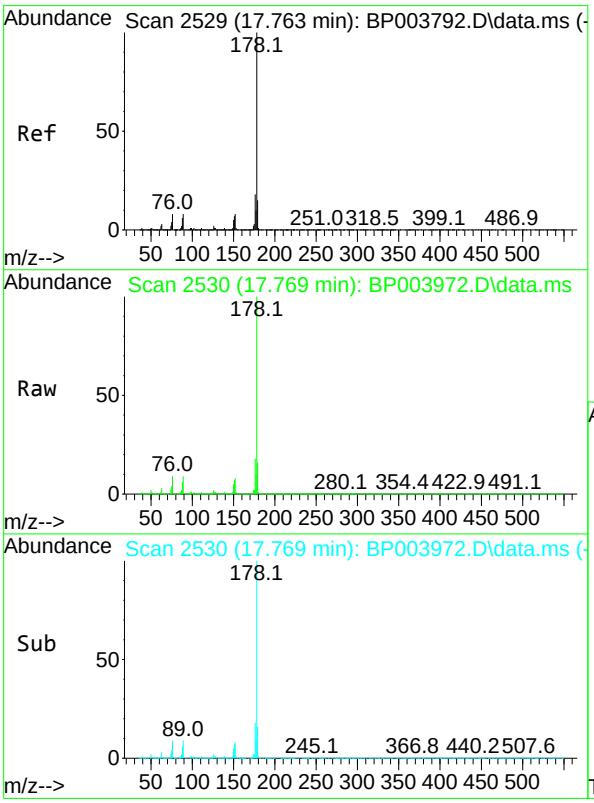


#71
Phenanthrene
Concen: 38.10 ng
RT: 17.681 min Scan# 2515
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:178 Resp: 1745157

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.4	12.5	18.7

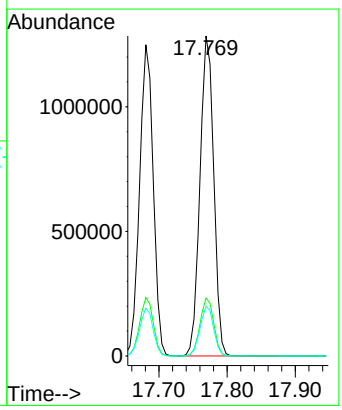




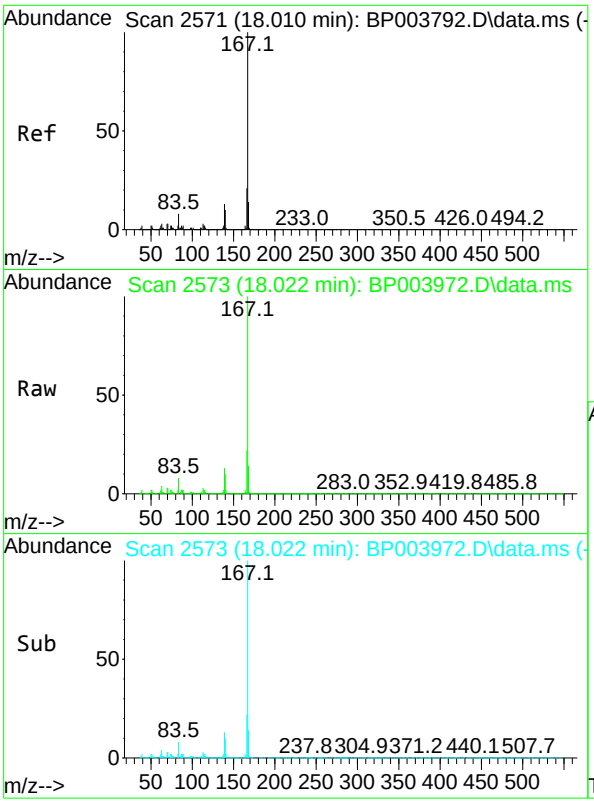
#72
Anthracene
Concen: 40.75 ng
RT: 17.769 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:178 Resp: 1802631

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.0	22.4
179	15.5	12.5	18.7



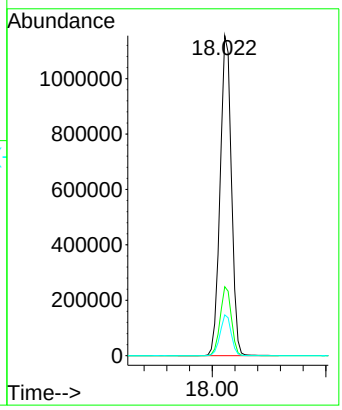
Instrument :
BNA_P
ClientSampleId :
PB133019BS

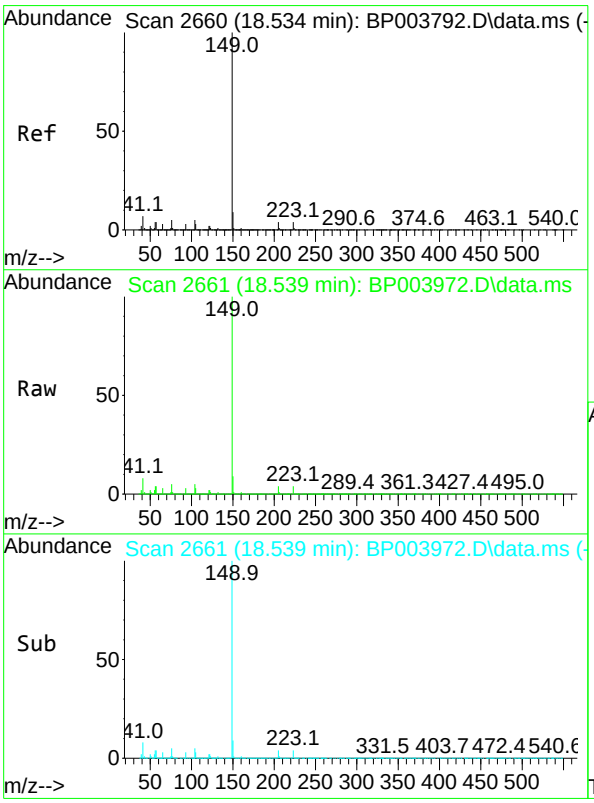


#73
Carbazole
Concen: 38.82 ng
RT: 18.022 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:167 Resp: 1593525

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	12.7	10.2	15.4

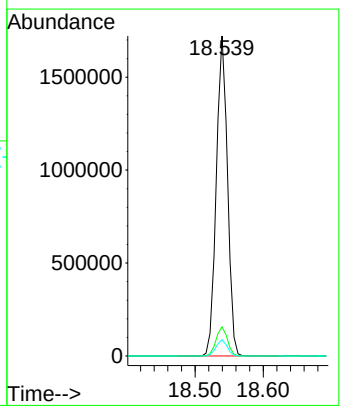




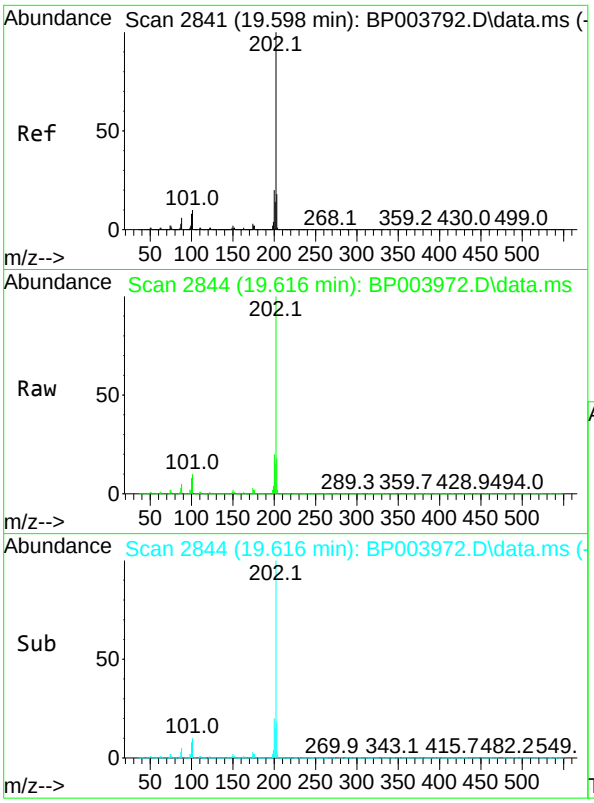
#74
Di-n-butylphthalate
Concen: 41.39 ng
RT: 18.539 min Scan# 2661
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:149 Resp: 1966857

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	5.1	3.4	5.0#



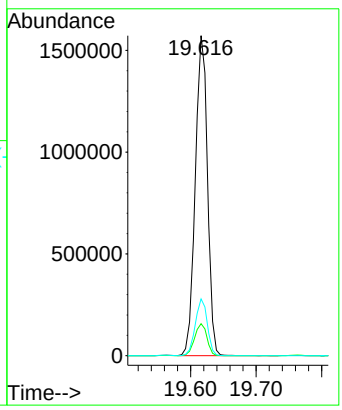
Instrument :
BNA_P
ClientSampleId :
PB133019BS

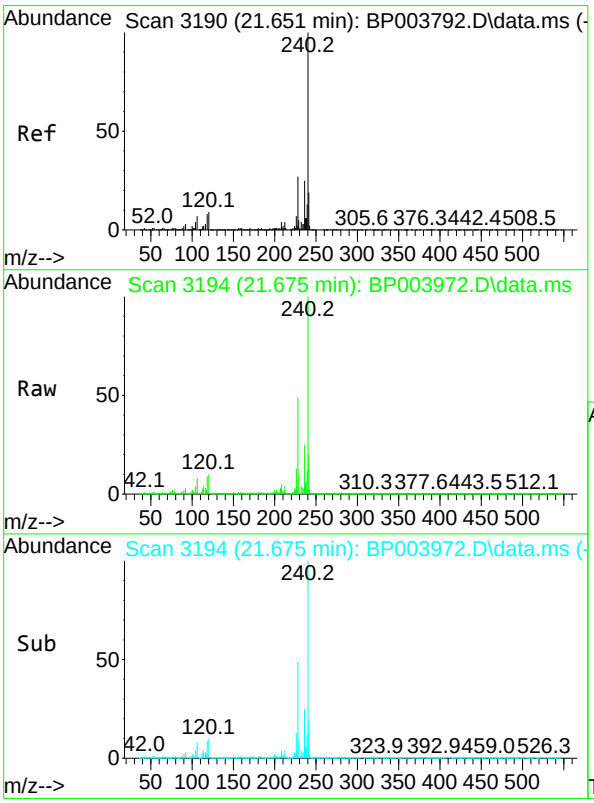


#75
Fluoranthene
Concen: 38.48 ng
RT: 19.616 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:202 Resp: 2033938

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.4
203	17.7	0.0	37.8

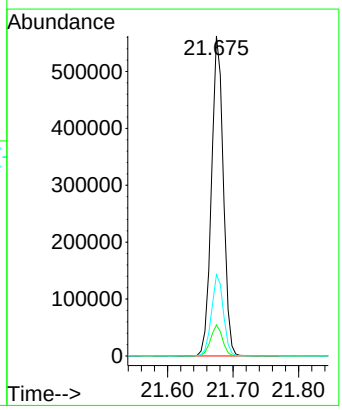




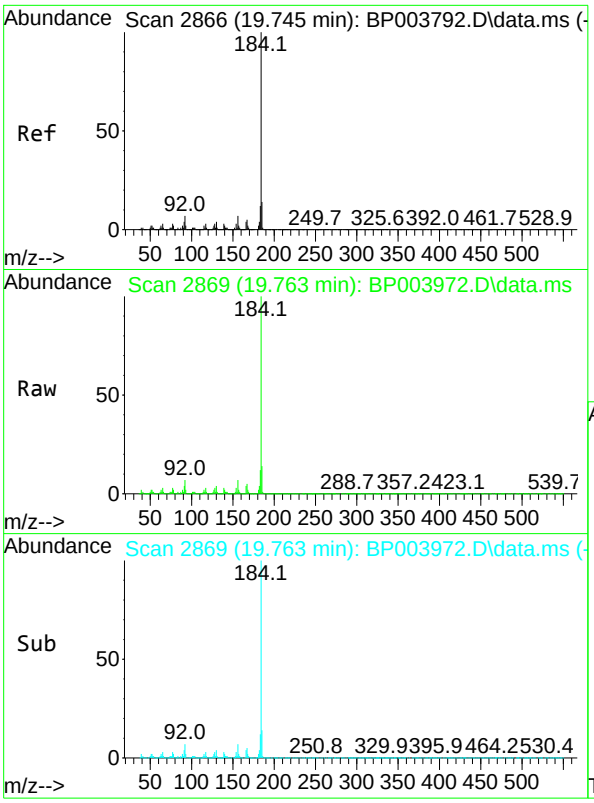
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.675 min Scan# 3194
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:240 Resp: 705925

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.8	11.6
236	25.4	20.8	31.2



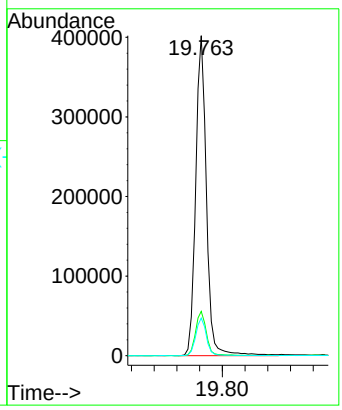
Instrument :
BNA_P
ClientSampleId :
PB133019BS

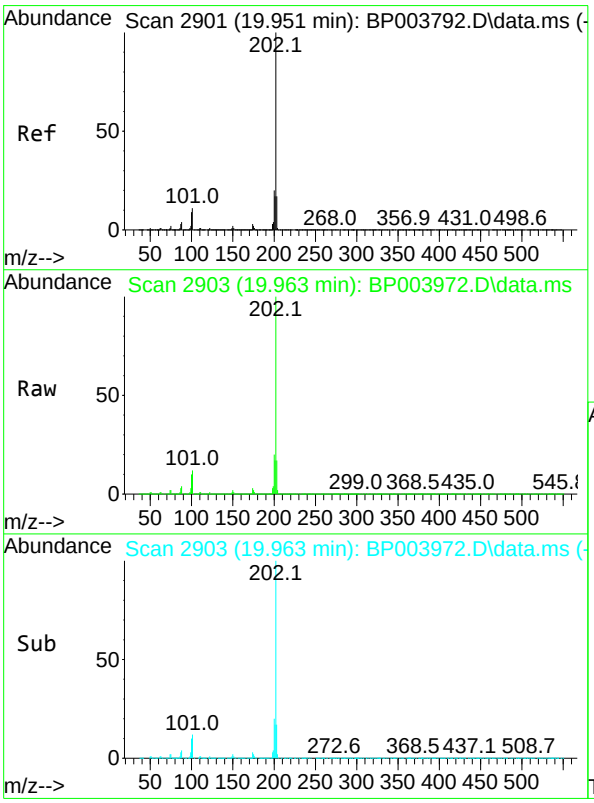


#77
Benzidine
Concen: 31.82 ng
RT: 19.763 min Scan# 2869
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:184 Resp: 529802

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.5	17.3
183	11.7	9.6	14.4

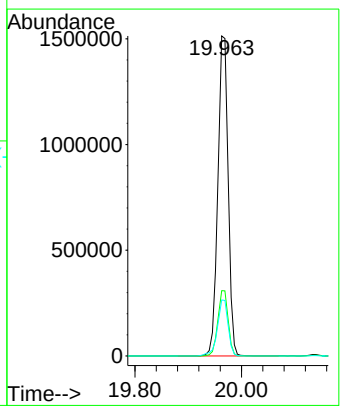




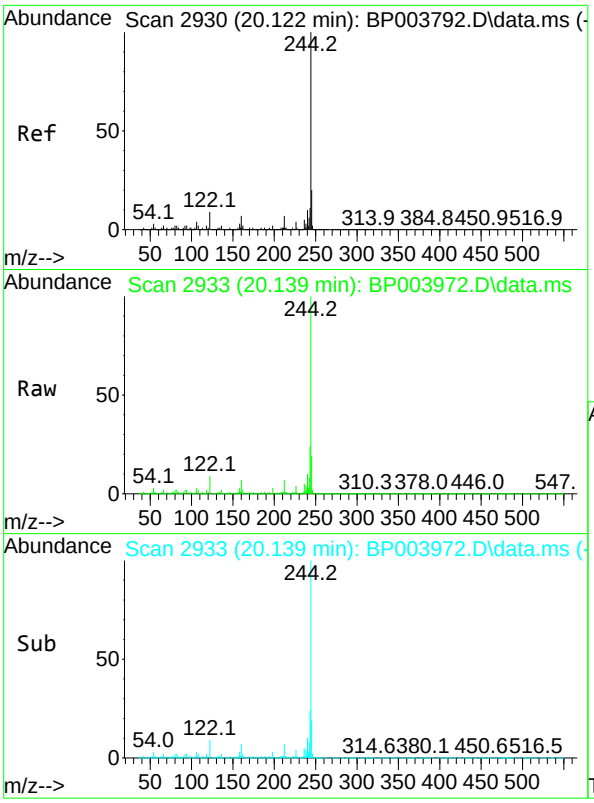
#78
Pyrene
Concen: 42.28 ng
RT: 19.963 min Scan# 2903
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:202 Resp: 2025336

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.1	25.7
203	17.5	14.2	21.2



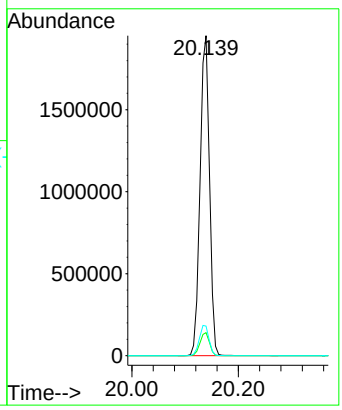
Instrument :
BNA_P
ClientSampleId :
PB133019BS

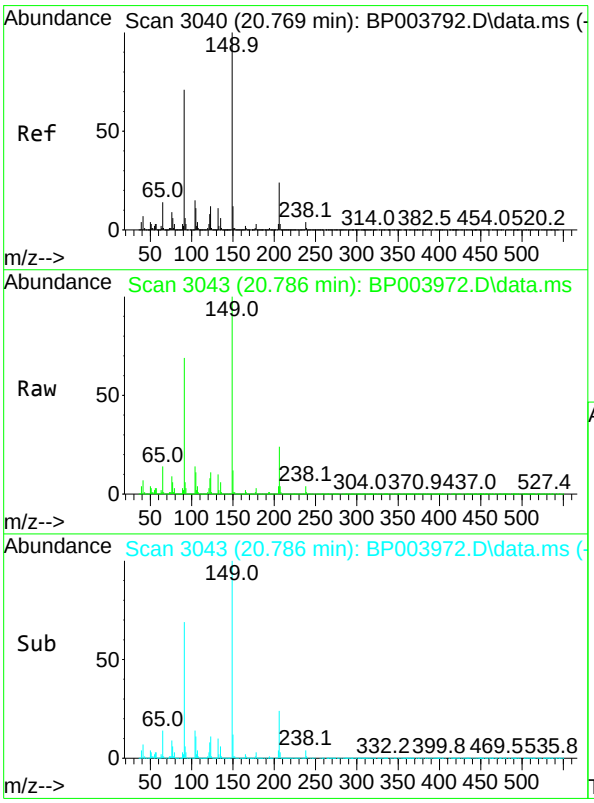


#79
Terphenyl-d14
Concen: 65.46 ng
RT: 20.139 min Scan# 2933
Delta R.T. 0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:244 Resp: 2391875

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.2	7.8	11.8

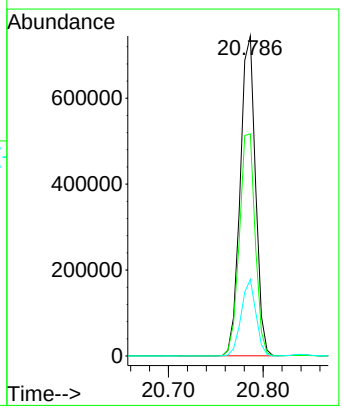




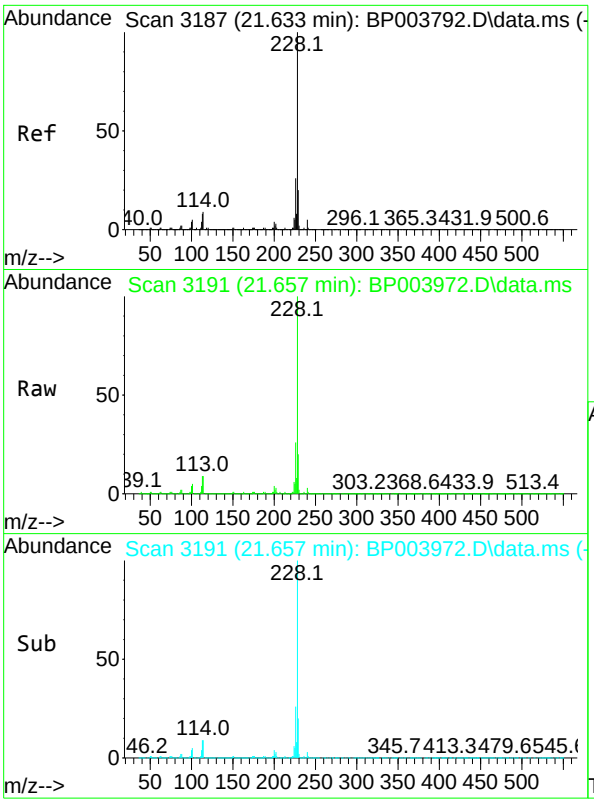
#80
Butylbenzylphthalate
Concen: 46.83 ng
RT: 20.786 min Scan# 3043
Delta R.T. 0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:149 Resp: 835977

Ion	Ratio	Lower	Upper
149	100		
91	69.4	45.4	68.0#
206	23.9	17.1	25.7



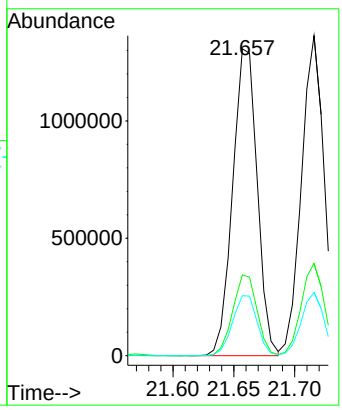
Instrument :
BNA_P
ClientSampleId :
PB133019BS

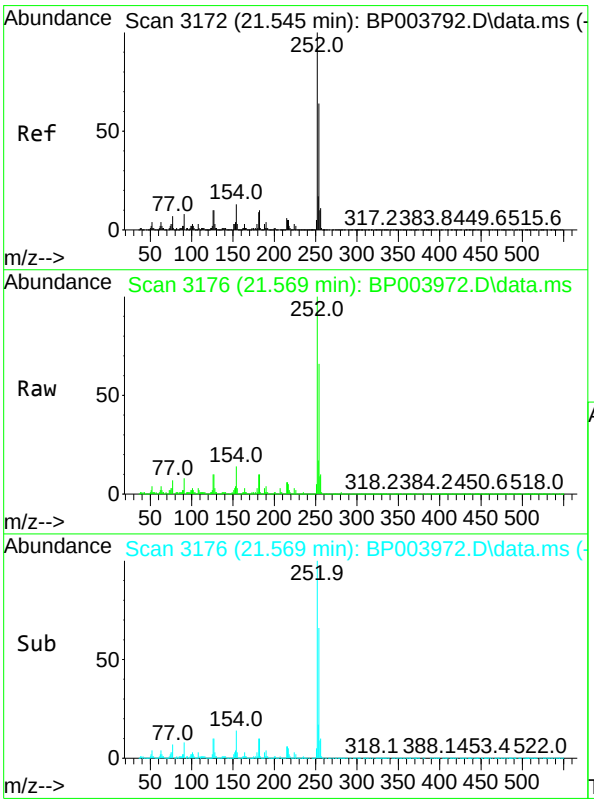


#81
Benzo(a)anthracene
Concen: 39.45 ng
RT: 21.657 min Scan# 3191
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:228 Resp: 1836352

Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.1	33.1
229	19.6	15.9	23.9

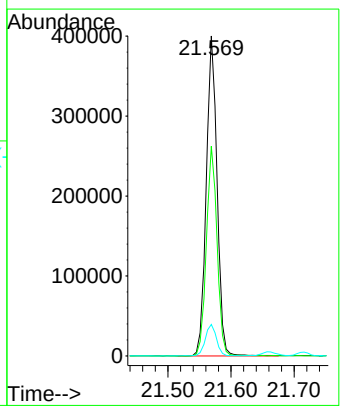




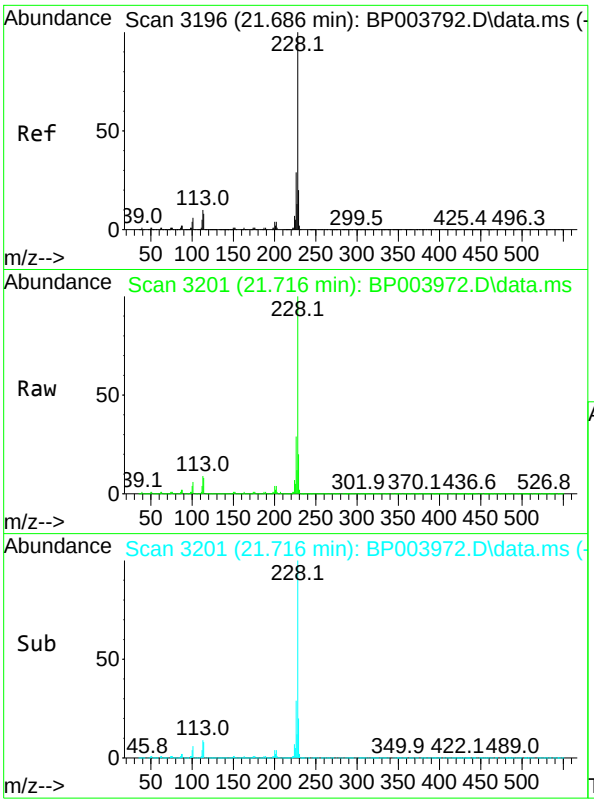
#82
3,3'-Dichlorobenzidine
Concen: 29.52 ng
RT: 21.569 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:252 Resp: 473990

Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.0	76.4
126	9.9	7.9	11.9



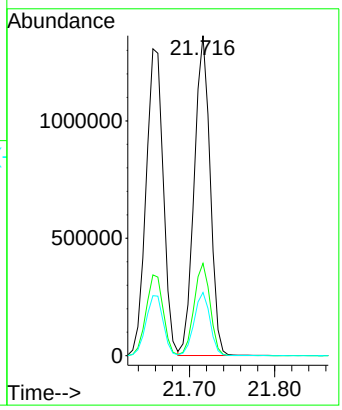
Instrument :
BNA_P
ClientSampleId :
PB133019BS

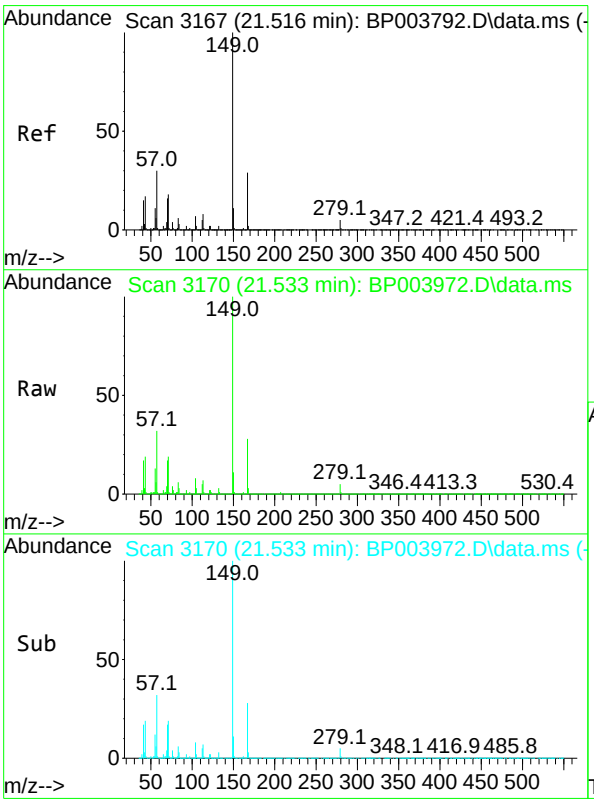


#83
Chrysene
Concen: 39.42 ng
RT: 21.716 min Scan# 3201
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:228 Resp: 1763159

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.4	36.6
229	19.7	15.8	23.6

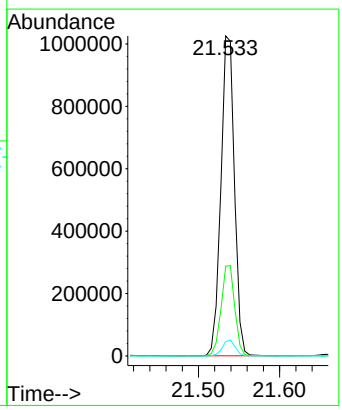




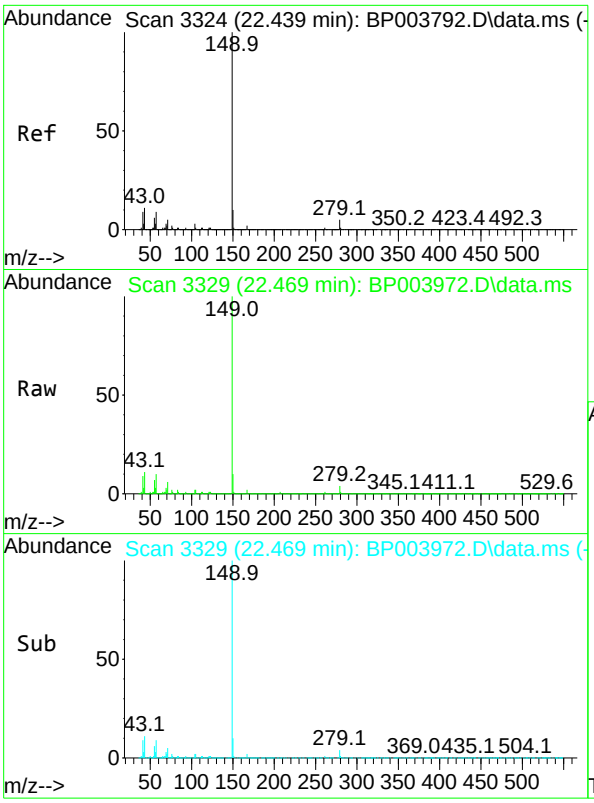
#84
Bis(2-ethylhexyl)phthalate
Concen: 45.34 ng
RT: 21.533 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:149 Resp: 1192901

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.6	34.0
279	4.5	4.2	6.2



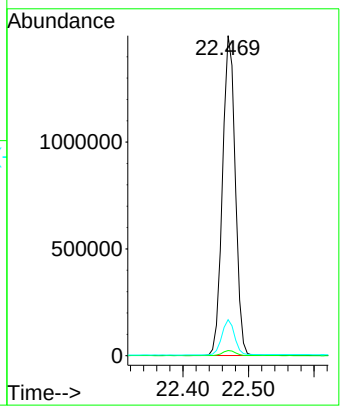
Instrument :
BNA_P
ClientSampleId :
PB133019BS

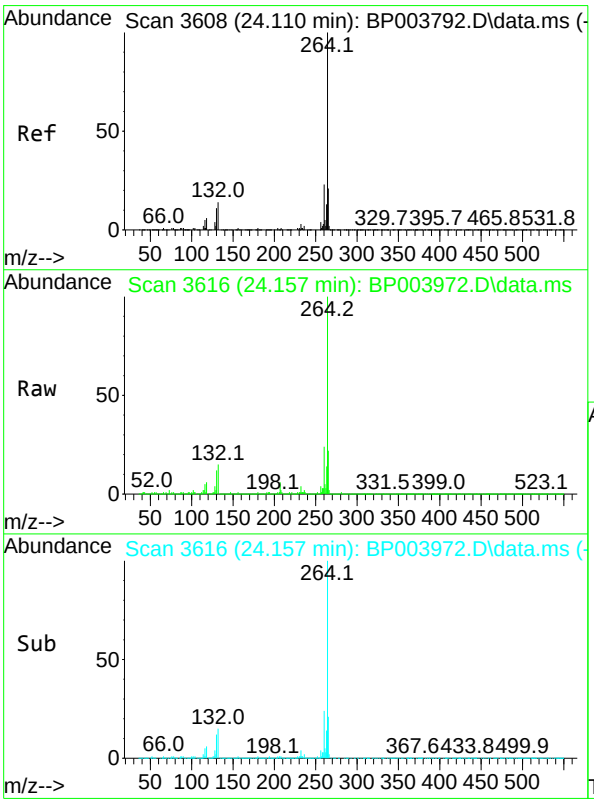


#85
Di-n-octyl phthalate
Concen: 46.05 ng
RT: 22.469 min Scan# 3329
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:149 Resp: 2018433

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.3	3.7	5.5#

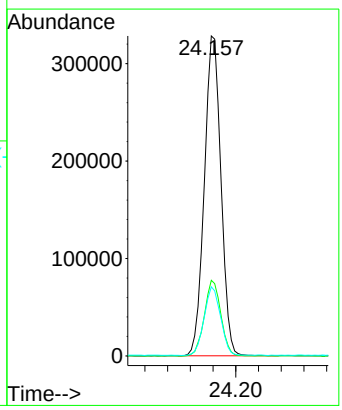




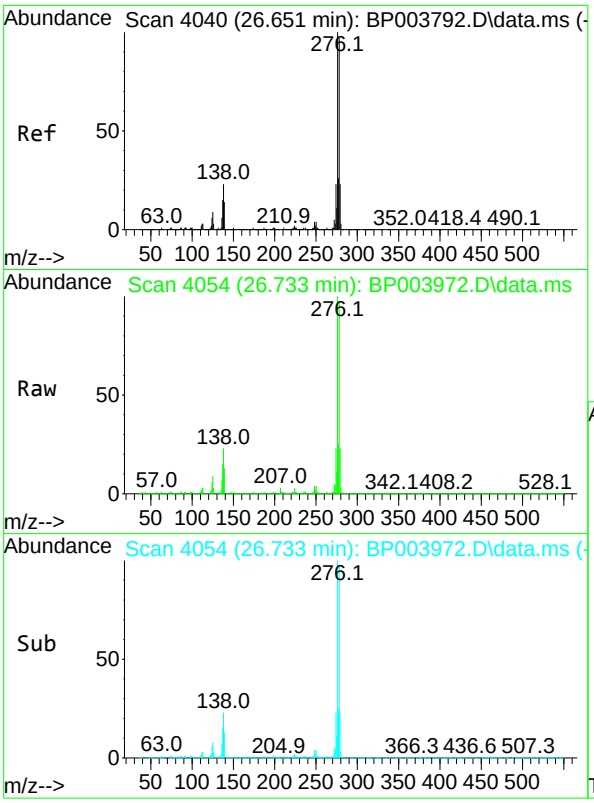
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.157 min Scan# 3616
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:264 Resp: 666094

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.6	17.4	26.2



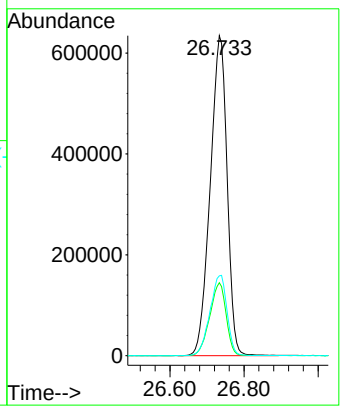
Instrument :
BNA_P
ClientSampleId :
PB133019BS

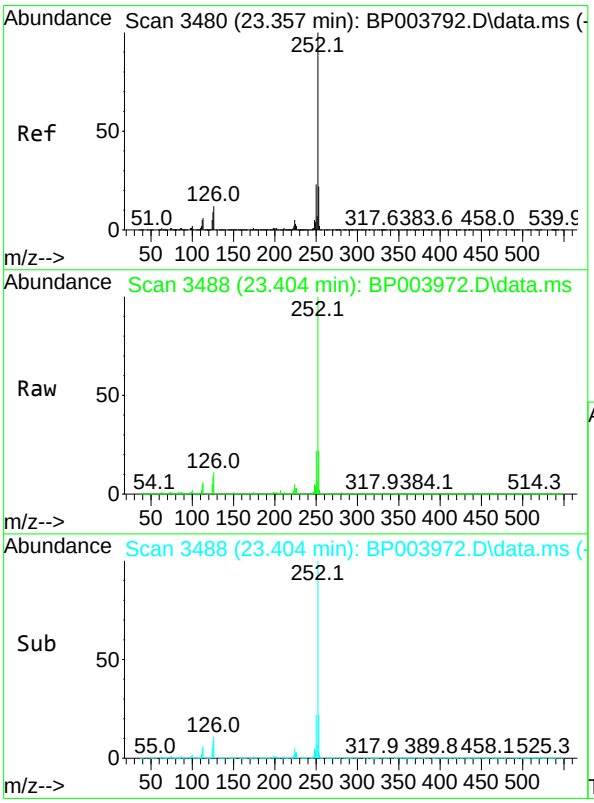


#87
Indeno(1,2,3-cd)pyrene
Concen: 41.74 ng
RT: 26.733 min Scan# 4054
Delta R.T. 0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:276 Resp: 2005695

Ion	Ratio	Lower	Upper
276	100		
138	22.1	18.7	28.1
277	25.4	20.4	30.6

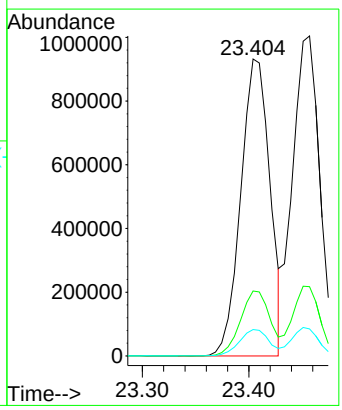




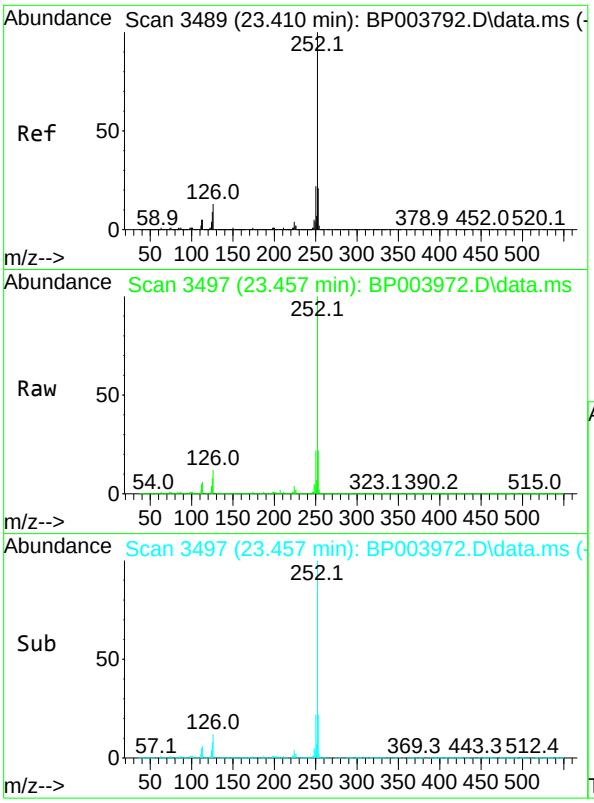
#88
Benzo(b)fluoranthene
Concen: 40.62 ng
RT: 23.404 min Scan# 3488
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:252 Resp: 1770420

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	8.9	7.3	10.9



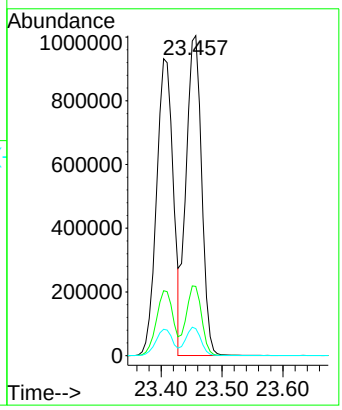
Instrument :
BNA_P
ClientSampleId :
PB133019BS

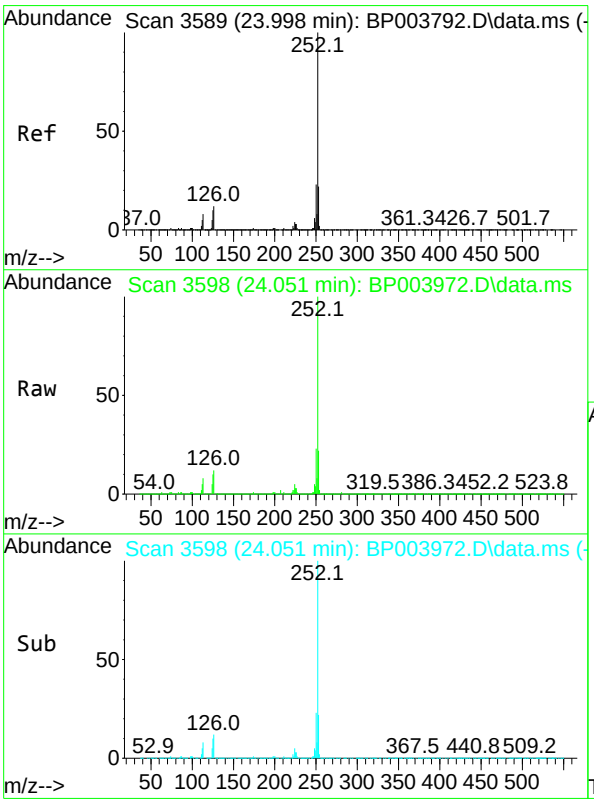


#89
Benzo(k)fluoranthene
Concen: 41.26 ng
RT: 23.457 min Scan# 3497
Delta R.T. 0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:252 Resp: 1775696

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	8.5	7.4	11.2

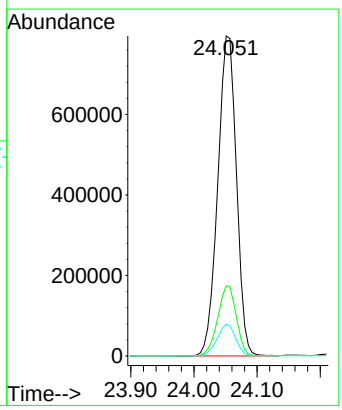




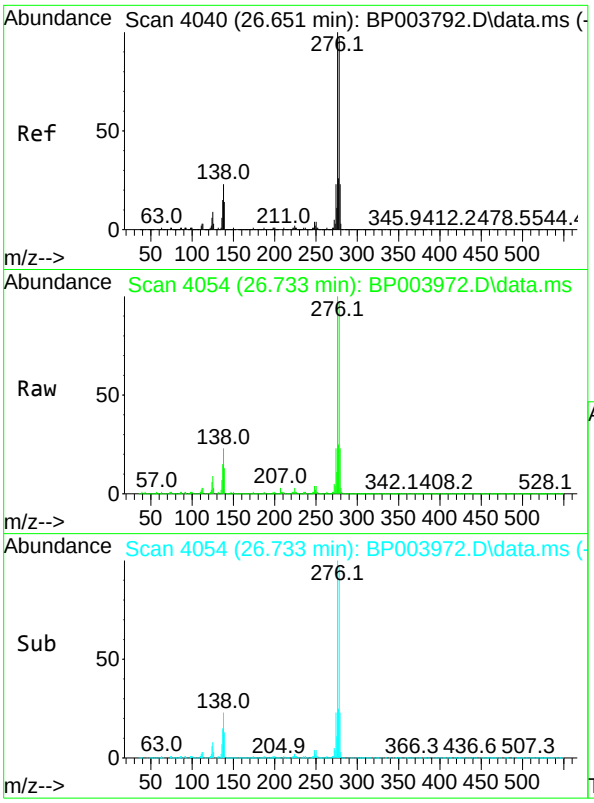
#90
Benzo(a)pyrene
Concen: 40.51 ng
RT: 24.051 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:252 Resp: 1634535

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.9	8.2	12.4



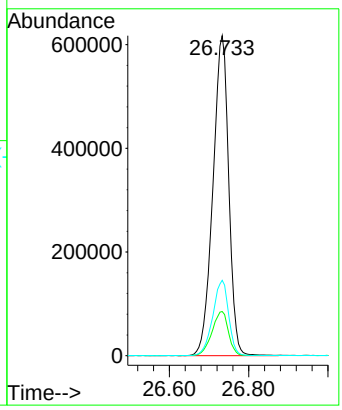
Instrument :
BNA_P
ClientSampleId :
PB133019BS

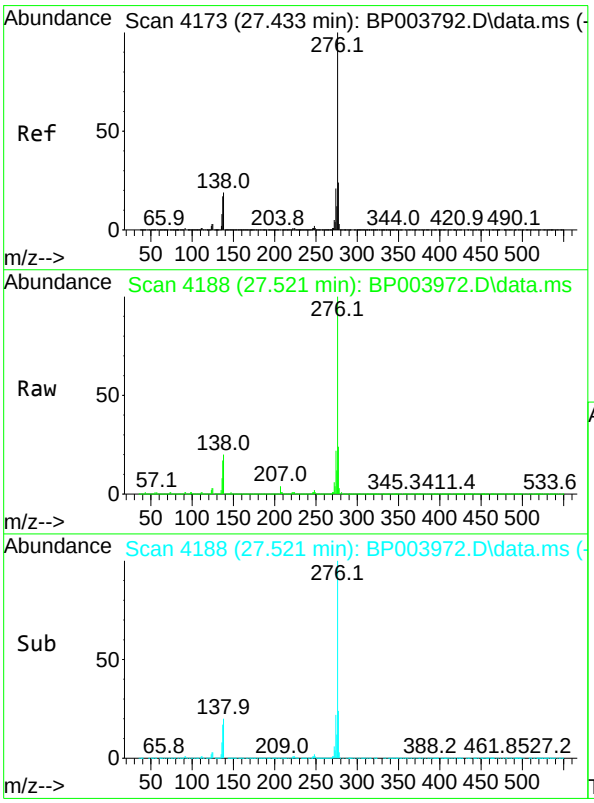


#91
Dibenzo(a,h)anthracene
Concen: 42.71 ng
RT: 26.733 min Scan# 4054
Delta R.T. 0.006 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

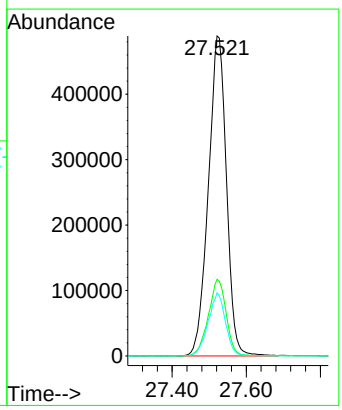
Tgt Ion:278 Resp: 1710667

Ion	Ratio	Lower	Upper
278	100		
139	13.8	12.4	18.6
279	23.5	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 42.71 ng
RT: 27.521 min Scan# 4188
Delta R.T. 0.000 min
Lab File: BP003972.D
Acq: 17 Nov 2020 13:13

Tgt Ion:276 Resp: 1655906

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.6
138	19.8	16.6	24.8