

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
 Data File : BP002608.D
 Acq On : 01 Jul 2020 17:23
 Operator : CG/JU
 Sample : L3160-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MUDDY-DRUMMSD

Quant Time: Jul 01 18:23:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	277177	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1021386	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	546447	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1010786	20.00	ng	0.00
76) Chrysene-d12	21.09	240	748057	20.00	ng	0.00
86) Perylene-d12	23.28	264	706493	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1927020	117.71	ng	0.00
7) Phenol-d6	6.78	99	2505676	109.66	ng	0.00
23) Nitrobenzene-d5	8.72	82	1607737	81.10	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	647327	97.40	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	2876172	77.47	ng	0.00
79) Terphenyl-d14	19.57	244	3216272	92.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	318531	45.398	ng	99
3) Pyridine	3.52	79	922196	44.346	ng	100
4) n-Nitrosodimethylamine	3.45	42	408459	46.272	ng	86
6) Aniline	6.90	93	1127798	39.290	ng	98
8) 2-Chlorophenol	7.15	128	886891	48.770	ng	98
9) Benzaldehyde	6.72	77	374696	29.609	ng	96
10) Phenol	6.80	94	1145332	49.705	ng	94
11) bis(2-Chloroethyl)ether	7.00	93	895029	47.325	ng	97
12) 1,3-Dichlorobenzene	7.46	146	959354	45.718	ng	99
13) 1,4-Dichlorobenzene	7.60	146	967120	45.238	ng	100
14) 1,2-Dichlorobenzene	7.92	146	899027	43.688	ng	99
15) Benzyl Alcohol	7.82	79	741566	43.191	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1222727	46.404	ng	99
17) 2-Methylphenol	8.03	107	719034	41.690	ng	98
18) Hexachloroethane	8.64	117	357515	46.335	ng	97
19) n-Nitroso-di-n-propylamine	8.38	70	607594	40.528	ng	97
20) 3+4-Methylphenols	8.36	107	953537	41.007	ng	98
22) Acetophenone	8.39	105	1171639	45.321	ng	98
24) Nitrobenzene	8.76	77	974828	46.460	ng	99
25) Isophorone	9.28	82	1715301	43.173	ng	99
26) 2-Nitrophenol	9.46	139	470550	49.173	ng	98
27) 2,4-Dimethylphenol	9.55	122	732136	50.492	ng	97
28) bis(2-Chloroethoxy)methane	9.77	93	1106691	48.491	ng	99
29) 2,4-Dichlorophenol	10.00	162	768417	45.982	ng	99
30) 1,2,4-Trichlorobenzene	10.21	180	848086	45.078	ng	99
31) Naphthalene	10.39	128	3391452	62.724	ng	98
32) Benzoic acid	9.72	122	385417	36.408	ng	99
33) 4-Chloroaniline	10.50	127	446918	18.897	ng	99
34) Hexachlorobutadiene	10.69	225	483375	41.976	ng	98
35) Caprolactam	11.28	113	232082	41.314	ng	95
36) 4-Chloro-3-methylphenol	11.66	107	781746	42.681	ng	98
37) 2-Methylnaphthalene	12.02	142	1724434	43.741	ng	98
38) 1-Methylnaphthalene	12.23	142	1596848	43.007	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	793544	46.507	ng	99

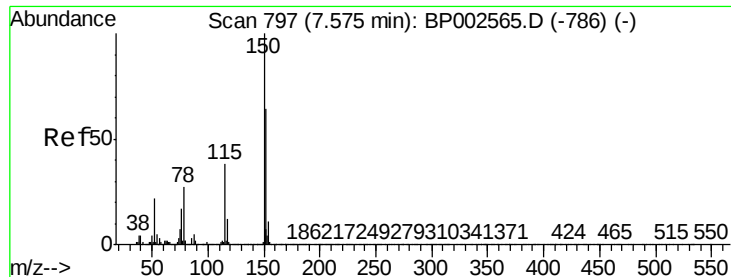
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
 Data File : BP002608.D
 Acq On : 01 Jul 2020 17:23
 Operator : CG/JU
 Sample : L3160-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Quant Time: Jul 01 18:23:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	865223	96.200	nq	98
43) 2,4,6-Trichlorophenol	12.65	196	551404	47.760	nq	99
44) 2,4,5-Trichlorophenol	12.72	196	587284	44.189	nq	98
46) 1,1'-Biphenyl	13.05	154	1939242	46.915	nq	99
47) 2-Chloronaphthalene	13.08	162	1541938	45.826	nq	97
48) 2-Nitroaniline	13.29	65	490436	45.689	nq	95
49) Acenaphthylene	13.93	152	2400297	45.328	nq	99
50) Dimethylphthalate	13.69	163	2155051	50.212	nq	100
51) 2,6-Dinitrotoluene	13.80	165	409104	44.135	nq	98
52) Acenaphthene	14.29	154	1416876	45.350	nq	99
53) 3-Nitroaniline	14.13	138	238242	23.605	nq	100
54) 2,4-Dinitrophenol	14.35	184	432539	75.243	nq	92
55) Dibenzofuran	14.62	168	2203294	43.516	nq	99
56) 4-Nitrophenol	14.47	139	637211	79.978	nq	95
57) 2,4-Dinitrotoluene	14.60	165	525946	42.180	nq	97
58) Fluorene	15.28	166	1543828	40.036	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.86	232	469313	43.713	nq	99
60) Diethylphthalate	15.07	149	1653280	38.739	nq	99
61) 4-Chlorophenyl-phenylether	15.28	204	792728	38.334	nq	95
62) 4-Nitroaniline	15.30	138	380213	37.691	nq	92
63) Azobenzene	15.57	77	1797021	43.547	nq	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	304729	46.905	nq	95
66) n-Nitrosodiphenylamine	15.50	169	1470619	49.839	nq	99
67) 4-Bromophenyl-phenylether	16.17	248	523934	46.126	nq	98
68) Hexachlorobenzene	16.29	284	561648	46.155	nq	97
69) Atrazine	16.46	200	450393	47.570	nq	98
70) Pentachlorophenol	16.64	266	613242	87.909	nq	98
71) Phenanthrene	17.02	178	2483730	45.670	nq	99
72) Anthracene	17.12	178	2530874	46.766	nq	99
73) Carbazole	17.39	167	2253182	43.080	nq	99
74) Di-n-butylphthalate	17.97	149	2640713	42.872	nq	99
75) Fluoranthene	19.00	202	2730600	41.480	nq	97
77) Benzidine	19.19	184	1279510	Below	Cal	100
78) Pyrene	19.36	202	2698669	53.000	nq	100
80) Butylbenzylphthalate	20.25	149	1042232	46.886	nq	98
81) Benzo(a)anthracene	21.07	228	2248225	45.971	nq	99
82) 3,3'-Dichlorobenzidine	21.01	252	519429	29.011	nq	95
83) Chrysene	21.12	228	2110321	45.000	nq	97
84) Bis(2-ethylhexyl)phthalate	21.03	149	1436705	45.009	nq	99
85) Di-n-octyl phthalate	21.89	149	2335619	41.427	nq	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	2774455	54.541	nq	98
88) Benzo(b)fluoranthene	22.63	252	2224674	49.349	nq	98
89) Benzo(k)fluoranthene	22.67	252	2034530	48.377	nq	97
90) Benzo(a)pyrene	23.19	252	2017824	48.776	nq	98
91) Dibenzo(a,h)anthracene	25.51	278	2277519	54.792	nq	98
92) Benzo(g,h,i)perylene	26.17	276	2319882	55.805	nq	98

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

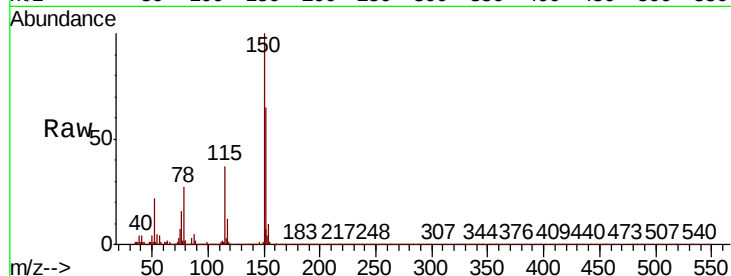


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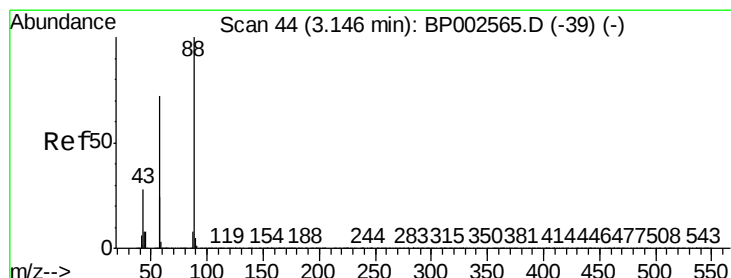
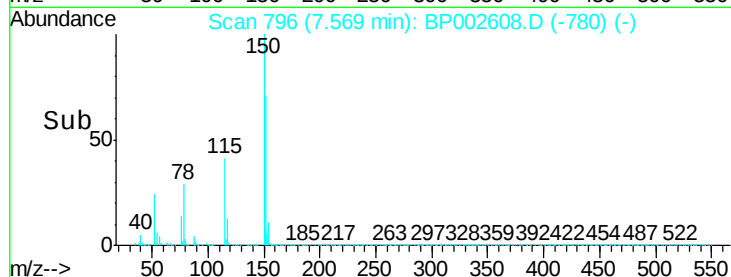
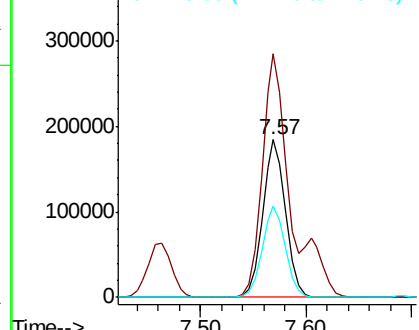
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.2	186.2
115	57.9	47.1	70.7



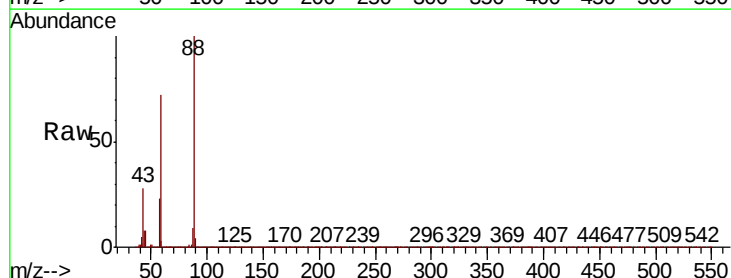
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



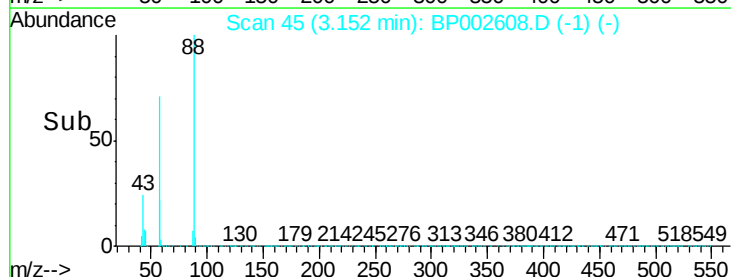
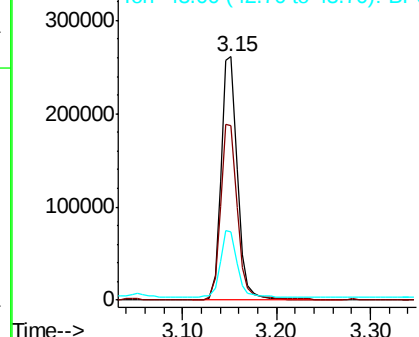
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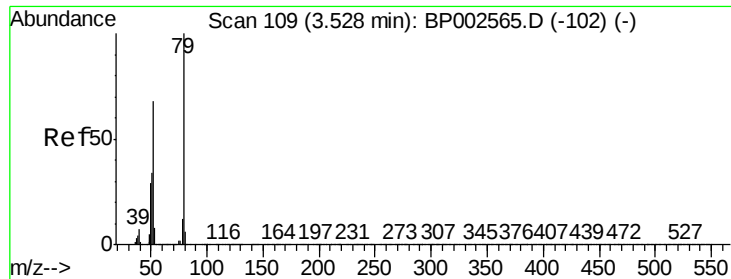
1,4-Dioxane
Concen: 45.398 ng
RT: 3.15 min Scan# 45
Delta R.T. 0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.0	58.1	87.1
43	28.3	23.2	34.8



Abundance Ion 88.00 (87.70 to 88.70): BP0
Ion 58.00 (57.70 to 58.70): BP0
Ion 43.00 (42.70 to 43.70): BP0

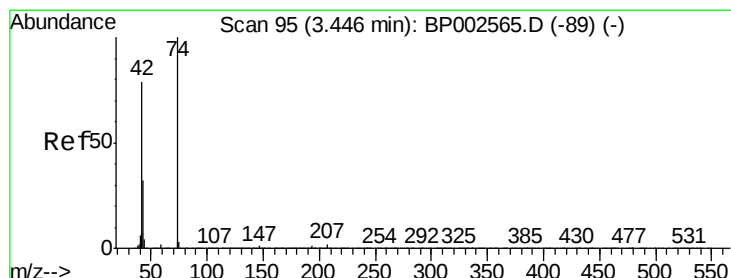
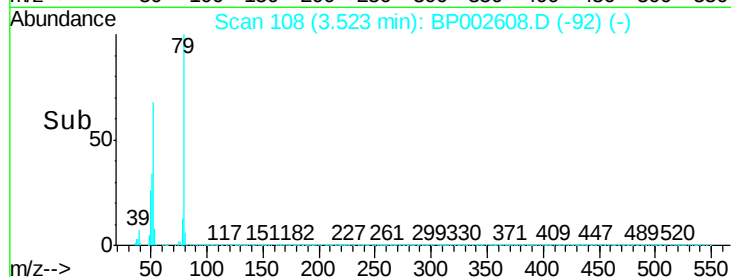
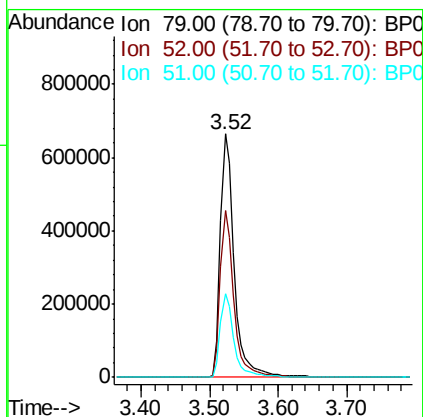
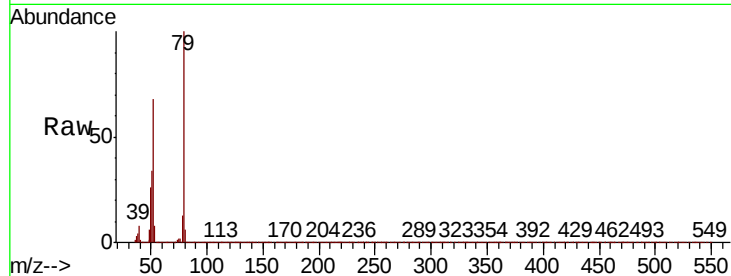




#3
 Pvridine
 Concen: 44.346 ng
 RT: 3.52 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: BP002608.D
 Acq: 01 Jul 2020 17:23

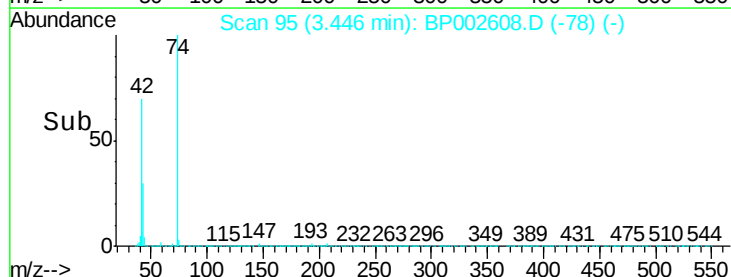
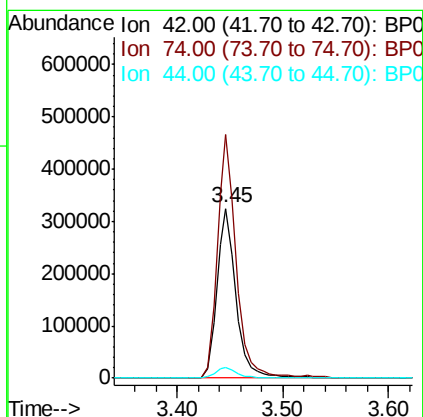
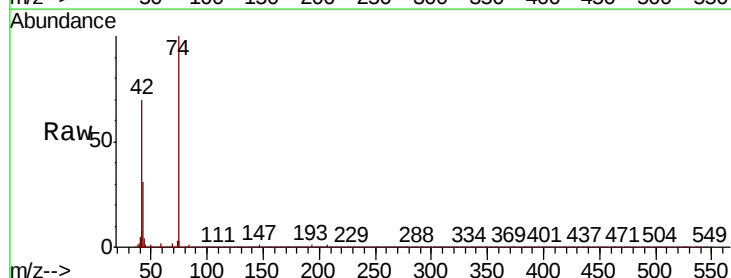
Instrument :
 BNA_P
 ClientSampleId :
 MUDDY-DRUMMSD

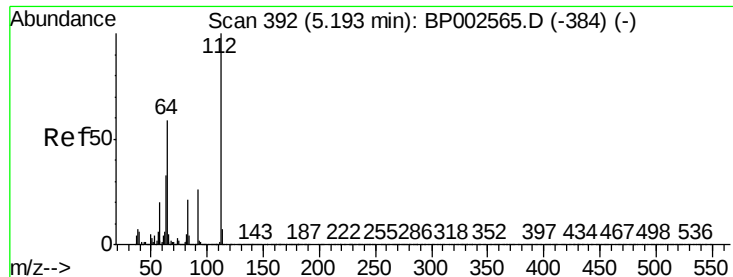
Tot Ion: 79 Resp: 922196
 Ion Ratio Lower Upper
 79 100
 52 68.3 54.5 81.7
 51 34.4 27.8 41.6



#4
 n-Nitrosodimethylamine
 Concen: 46.272 ng
 RT: 3.45 min Scan# 95
 Delta R.T. 0.00 min
 Lab File: BP002608.D
 Acq: 01 Jul 2020 17:23

Tgt Ion: 42 Resp: 408459
 Ion Ratio Lower Upper
 42 100
 74 143.6 101.7 152.5
 44 6.4 4.9 7.3





#5

2-Fluorophenol

Concen: 117.710 ng

RT: 5.20 min Scan# 393

Delta R.T. 0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Instrument :

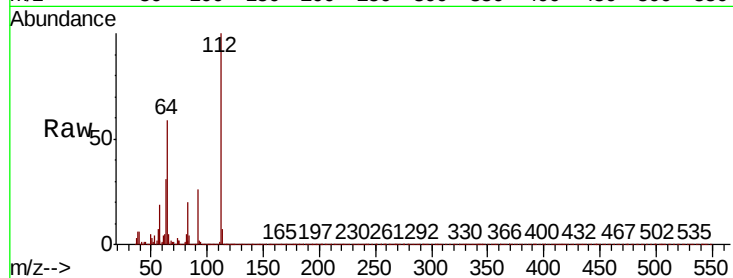
BNA_P

ClientSampleId :

MUDDY-DRUMMSD

Tot Ion:112 Resp: 1927020

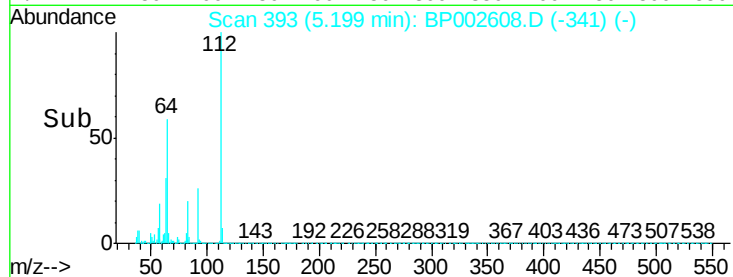
Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.0	70.6
63	31.1	26.1	39.1



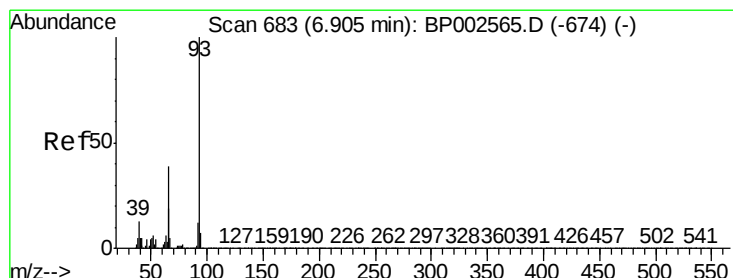
Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



Time-->



#6

Aniline

Concen: 39.290 ng

RT: 6.90 min Scan# 683

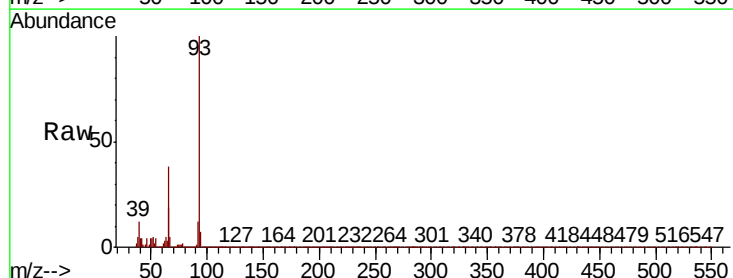
Delta R.T. 0.00 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Tgt Ion: 93 Resp: 1127798

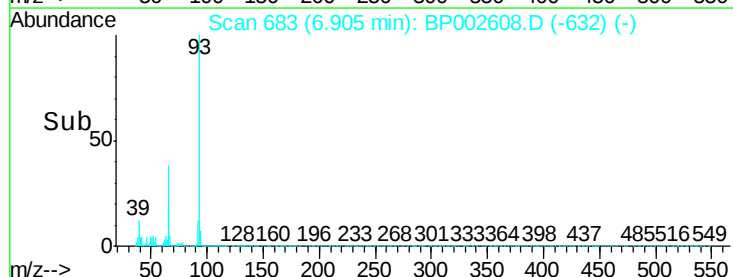
Ion	Ratio	Lower	Upper
93	100		
66	37.9	31.6	47.4
65	19.4	15.7	23.5



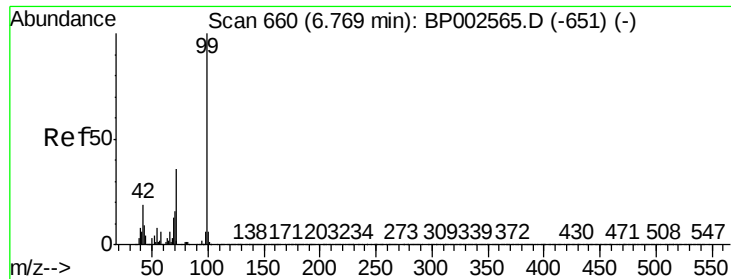
Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0



Time-->



#7

Phenol-d6

Concen: 109.660 ng

RT: 6.78 min Scan# 661

Delta R.T. 0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Instrument :

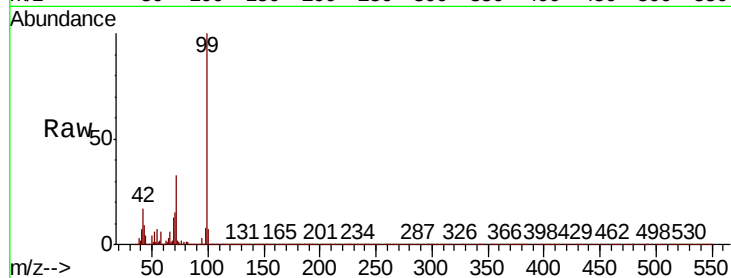
BNA_P

ClientSampleId :

MUDDY-DRUMMSD

Tot Ion: 99 Resp: 2505676

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.5	23.3
71	32.7	28.9	43.3

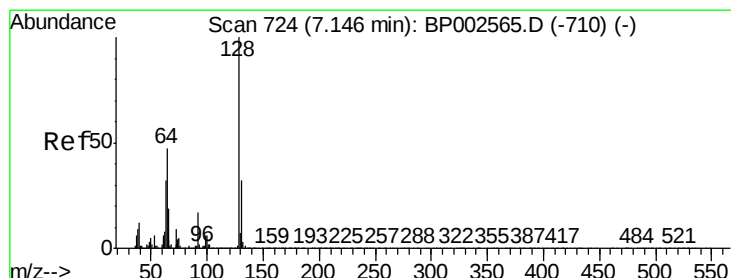
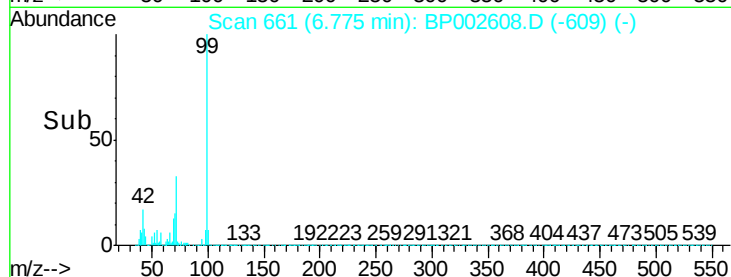
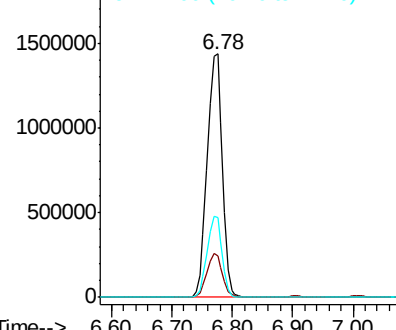


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 48.770 ng

RT: 7.15 min Scan# 724

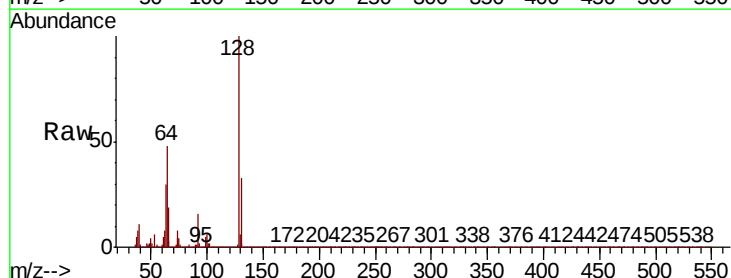
Delta R.T. 0.00 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Tgt Ion: 128 Resp: 886891

Ion	Ratio	Lower	Upper
128	100		
130	32.6	11.8	51.8
64	48.4	26.9	66.9

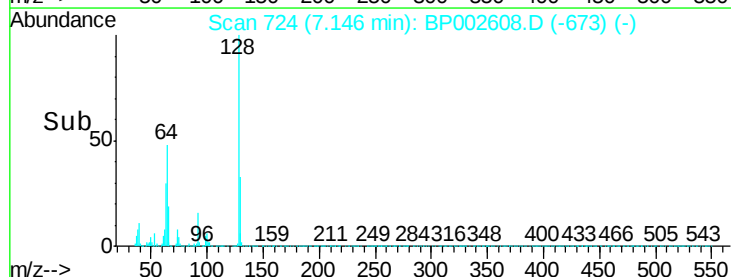
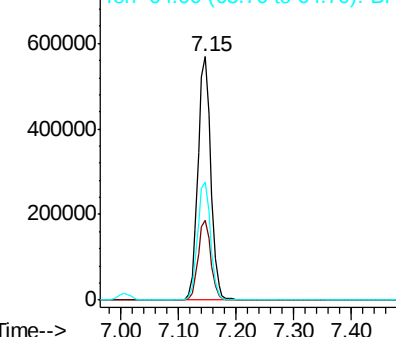


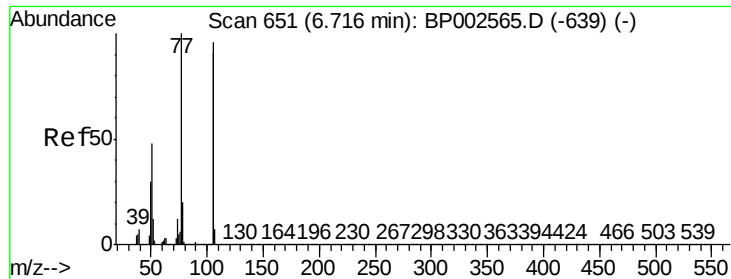
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 29.609 ng

RT: 6.72 min Scan# 651

Delta R.T. 0.00 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUMMSD

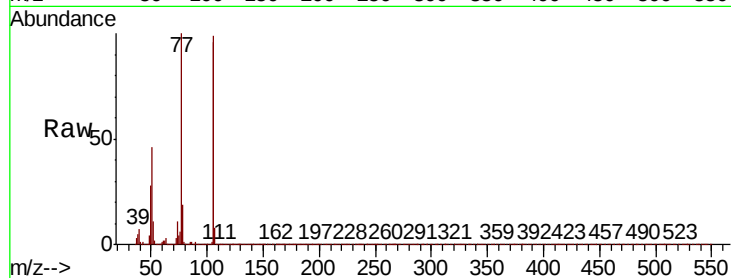
Tot Ion: 77 Resp: 374696

Ion Ratio Lower Upper

77 100

105 98.6 76.5 116.5

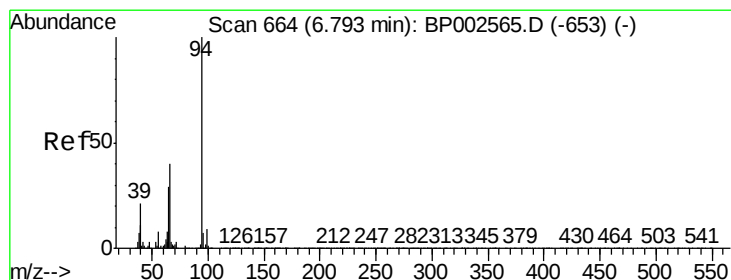
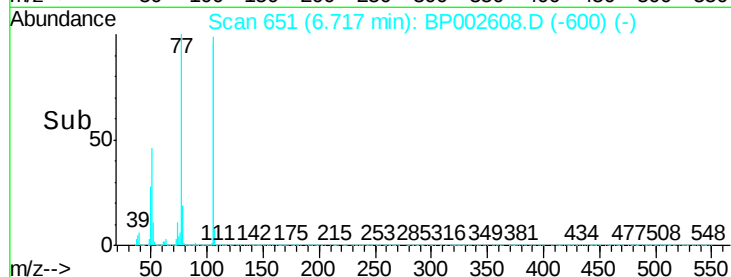
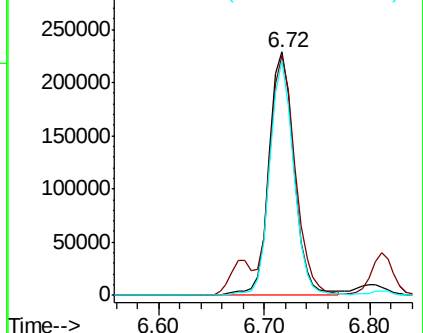
106 96.1 70.9 110.9



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 49.705 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

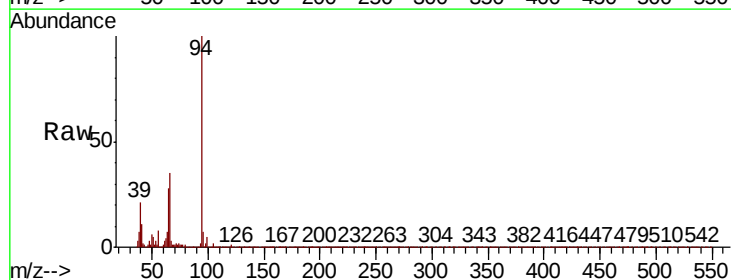
Tgt Ion: 94 Resp: 1145332

Ion Ratio Lower Upper

94 100

65 27.5 8.8 48.8

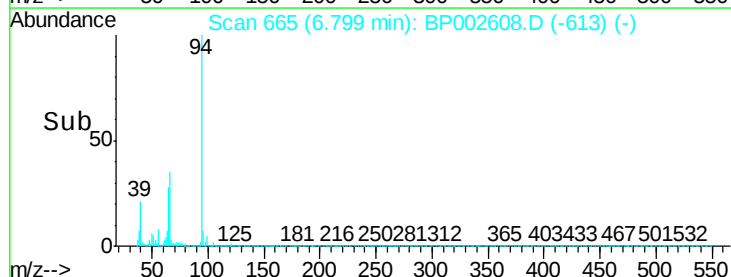
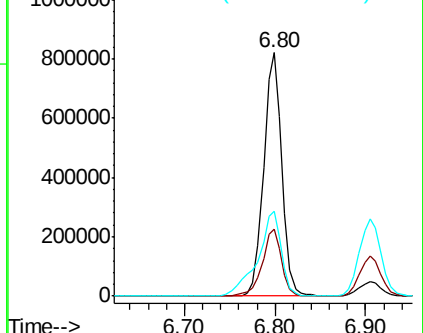
66 35.1 19.9 59.9

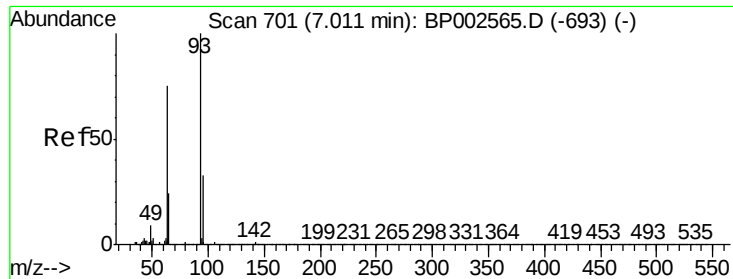


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

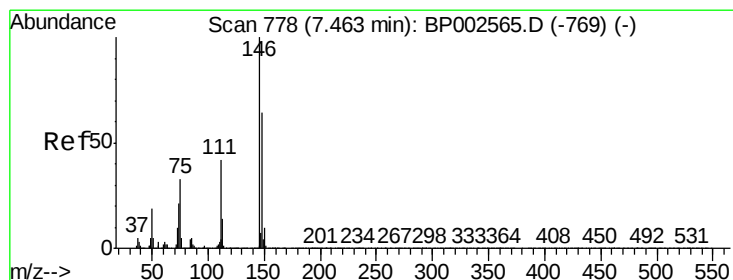
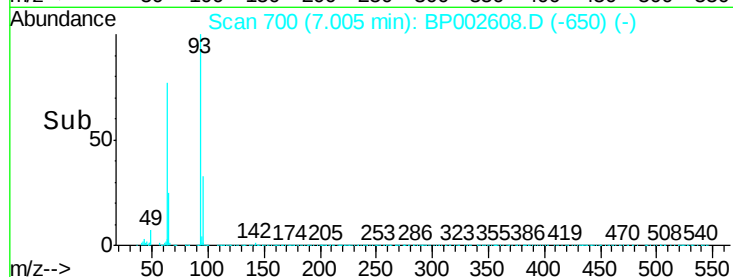
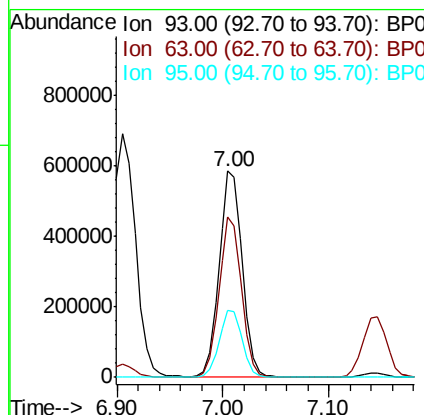
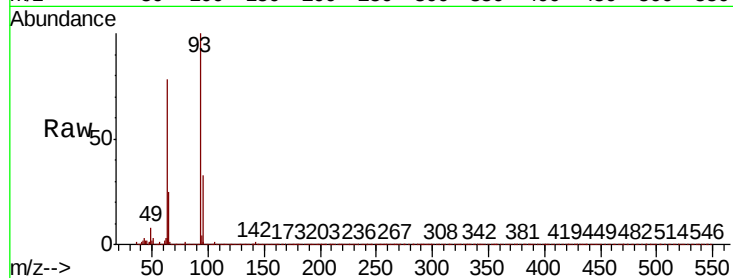




#11
bis(2-Chloroethyl)ether
Concen: 47.325 ng
RT: 7.00 min Scan# 700
Delta R.T. -0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

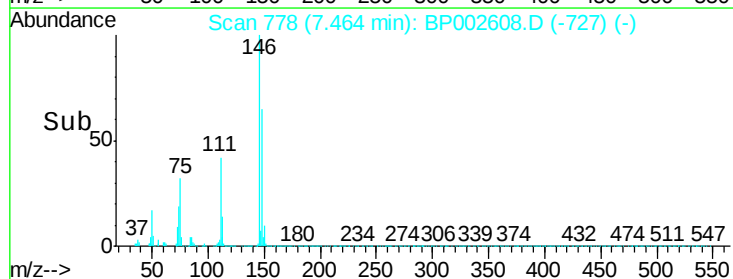
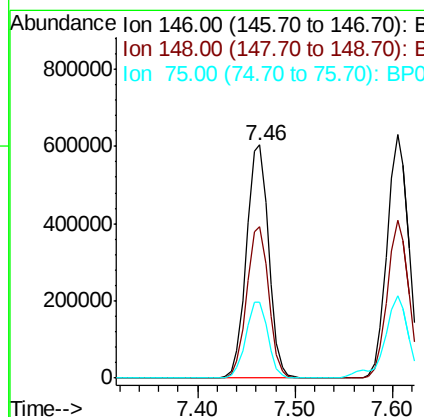
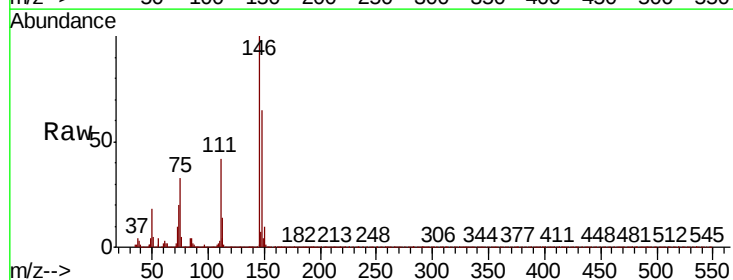
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

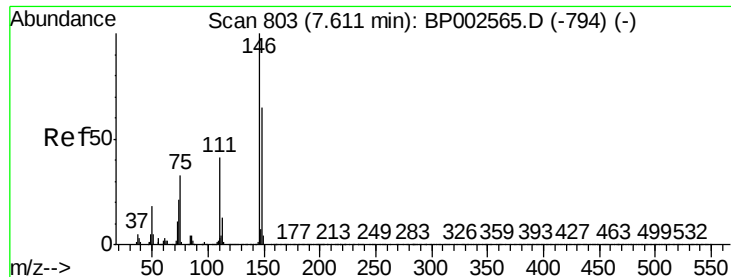
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.8	54.5	94.5
95	32.5	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 45.718 ng
RT: 7.46 min Scan# 778
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.3	76.9
75	32.6	26.1	39.1

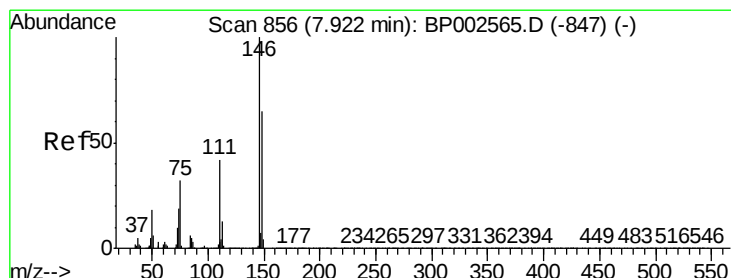
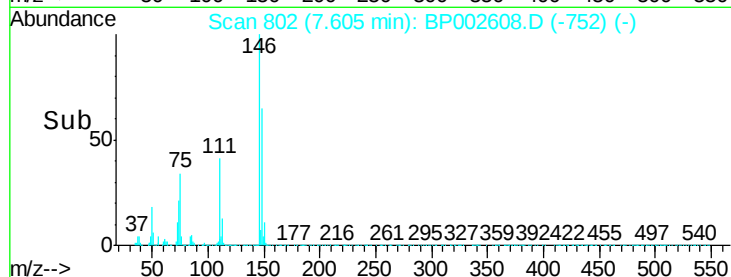
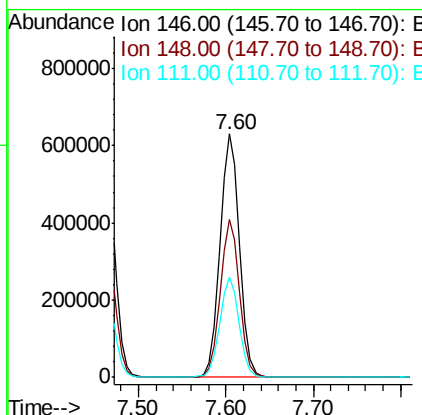
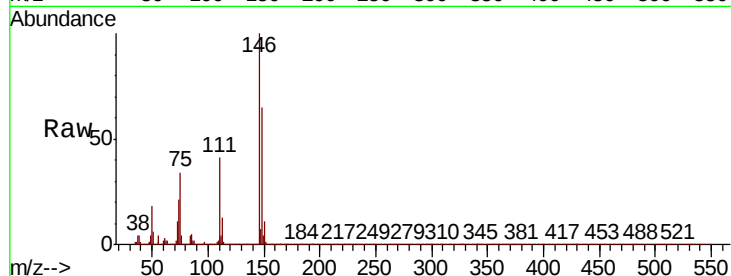




#13
1,4-Dichlorobenzene
Concen: 45.238 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

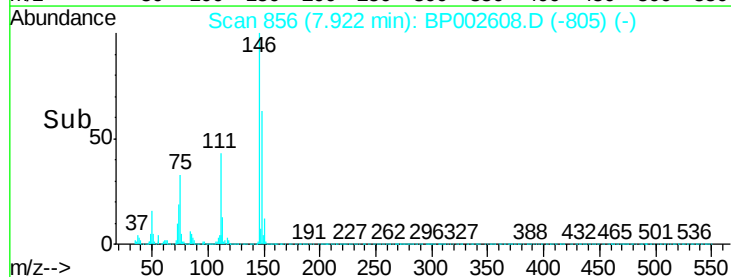
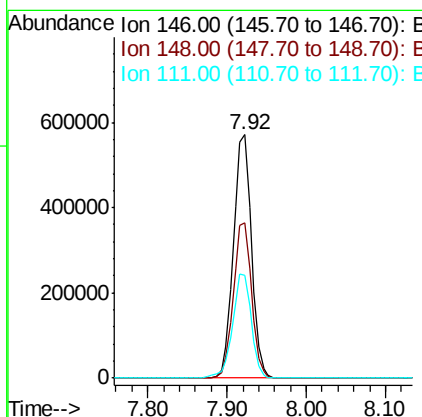
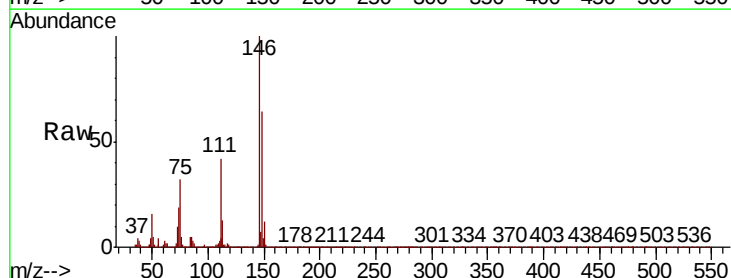
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

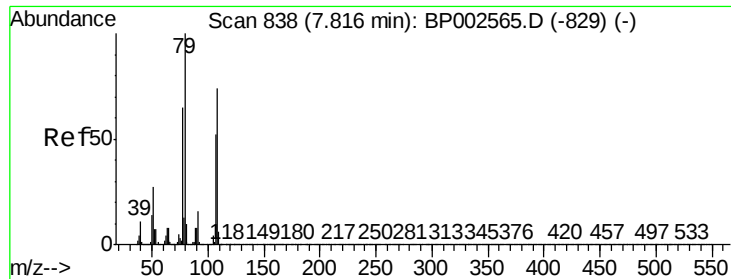
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
111	41.2	32.8	49.2



#14
1,2-Dichlorobenzene
Concen: 43.688 ng
RT: 7.92 min Scan# 856
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	42.0	34.1	51.1





#15

Benzyl Alcohol

Concen: 43.191 ng

RT: 7.82 min Scan# 838

Delta R.T. 0.00 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUMMSD

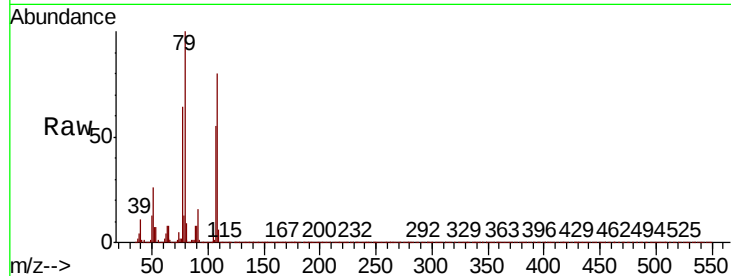
Tot Ion: 79 Resp: 741566

Ion Ratio Lower Upper

79 100

108 79.8 59.4 89.2

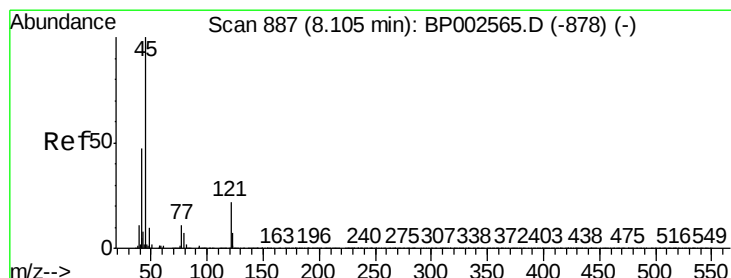
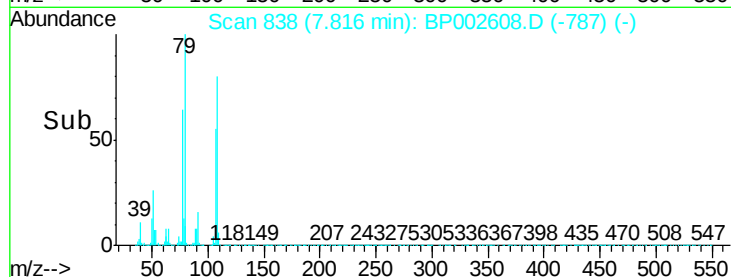
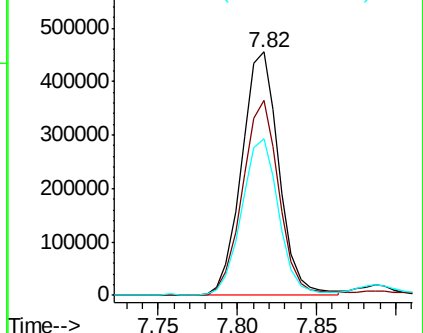
77 64.2 51.9 77.9



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): BP0

Ion 77.00 (76.70 to 77.70): BP0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.404 ng

RT: 8.10 min Scan# 887

Delta R.T. 0.00 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

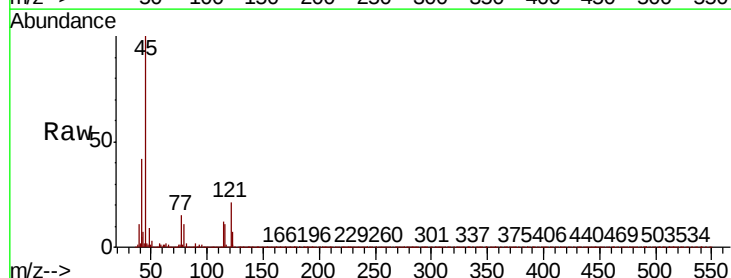
Tgt Ion: 45 Resp: 1222727

Ion Ratio Lower Upper

45 100

77 14.5 0.0 35.0

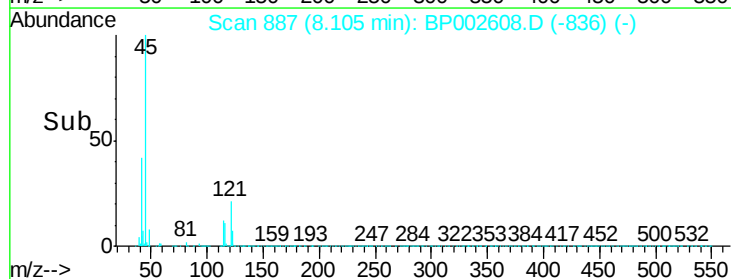
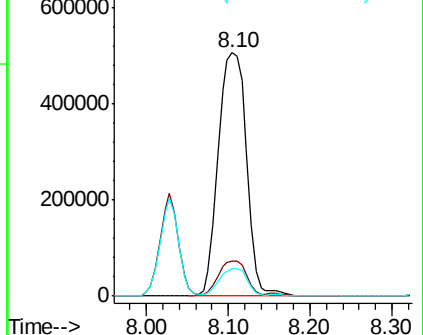
79 11.2 0.0 31.1

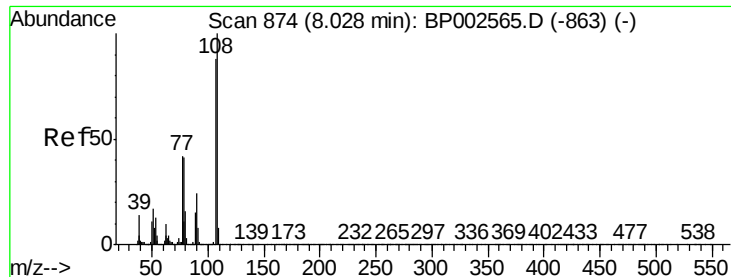


Abundance Ion 45.00 (44.70 to 45.70): BP0

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0





#17

2-Methylphenol

Concen: 41.690 ng

RT: 8.03 min Scan# 874

Delta R.T. 0.00 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUMMSD

Tot Ion:107 Resp: 719034

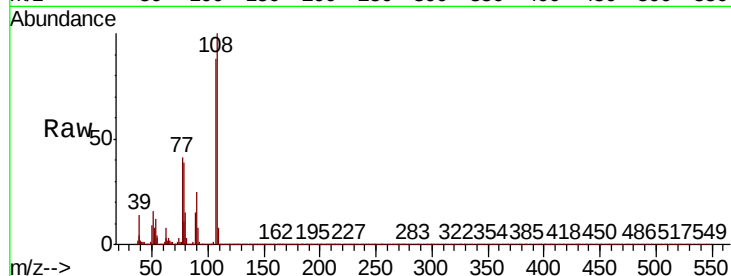
Ion Ratio Lower Upper

107 100

108 113.4 91.4 137.0

77 46.9 38.7 58.1

79 44.4 38.0 57.0

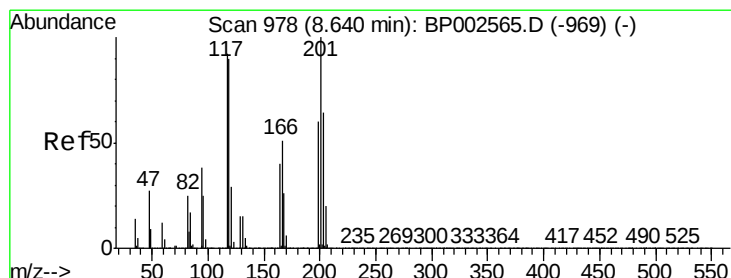
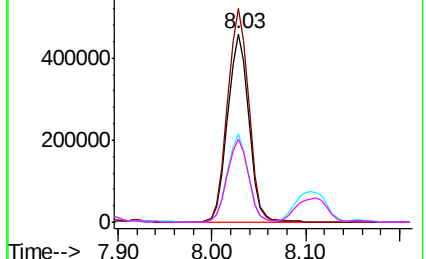
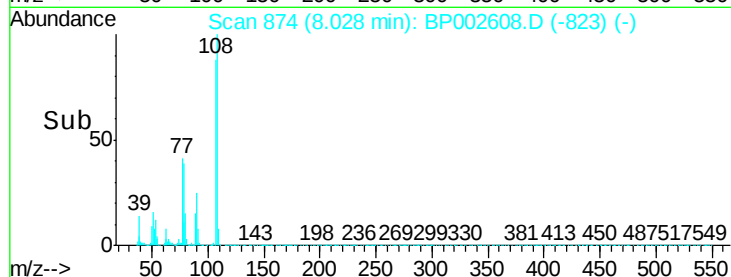


Abundance Ion 107.00 (106.70 to 107.70): E

800000 Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 46.335 ng

RT: 8.64 min Scan# 978

Delta R.T. 0.00 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

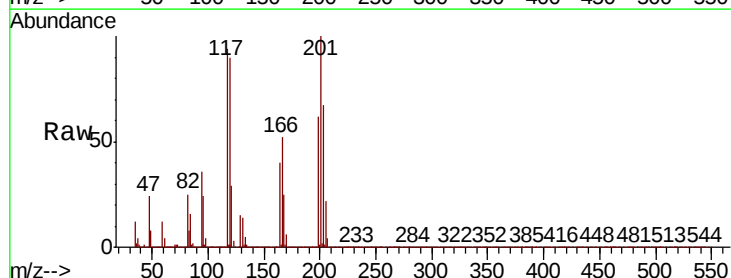
Tgt Ion:117 Resp: 357515

Ion Ratio Lower Upper

117 100

119 95.2 78.2 117.4

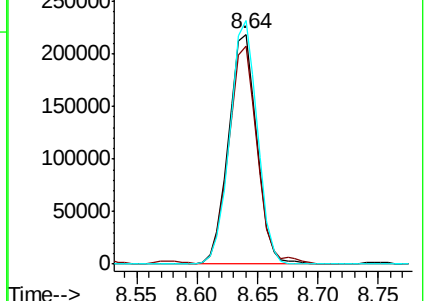
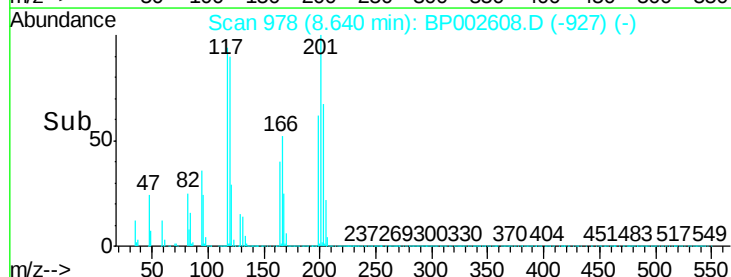
201 106.1 87.0 130.6

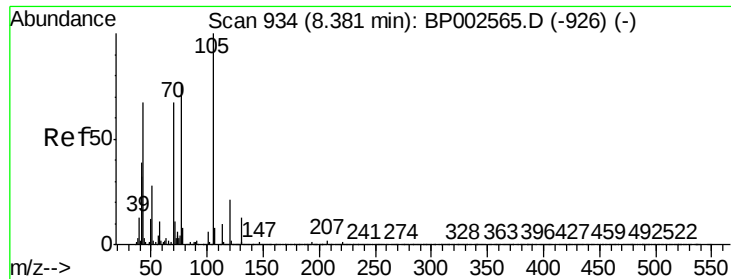


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

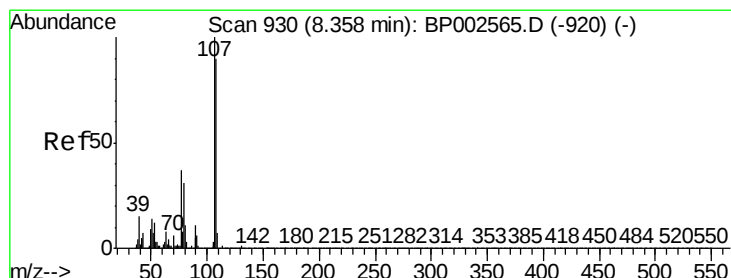
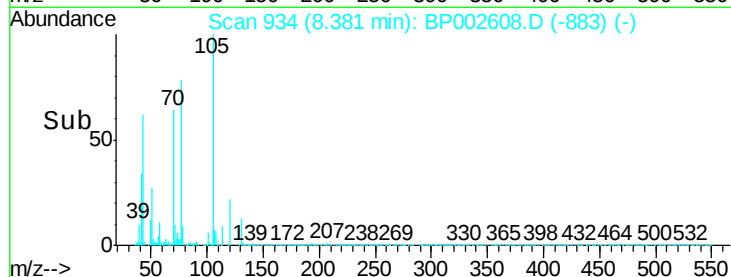
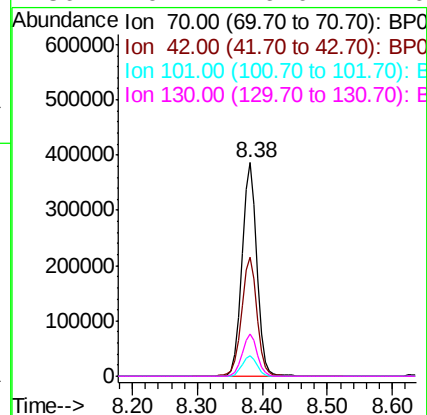
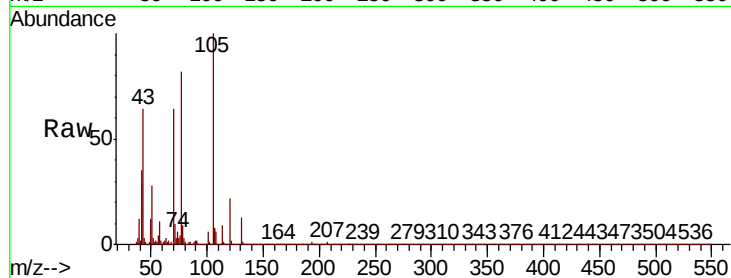




#19
n-Nitroso-di-n-propylamine
Concen: 40.528 ng
RT: 8.38 min Scan# 934
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

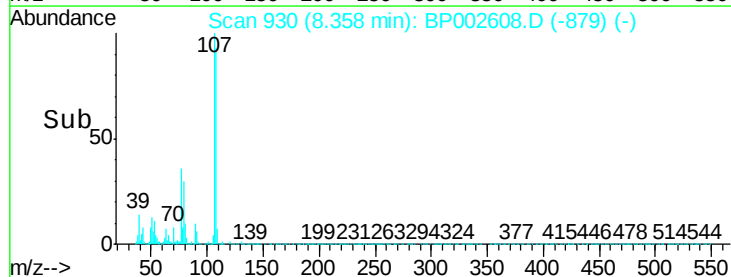
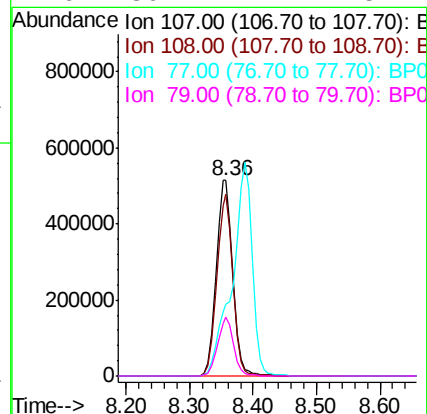
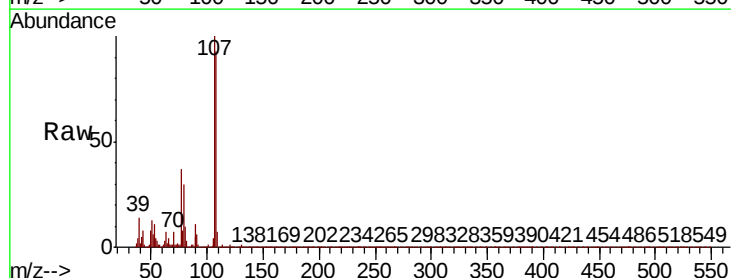
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

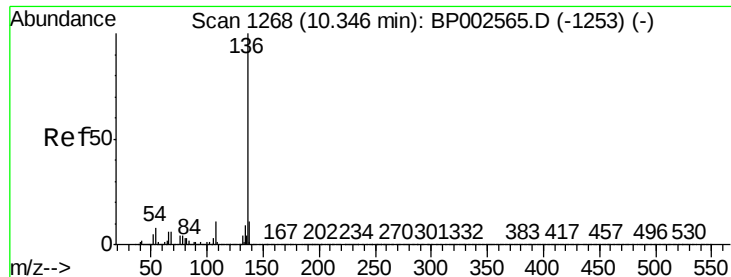
Tot Ion:	70	Resp:	607594
Ion	Ratio	Lower	Upper
70	100		
42	55.7	46.7	70.1
101	9.7	7.5	11.3
130	19.7	16.0	24.0



#20
3+4-Methylphenols
Concen: 41.007 ng
RT: 8.36 min Scan# 930
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion:	107	Resp:	953537
Ion	Ratio	Lower	Upper
107	100		
108	93.2	70.4	110.4
77	36.7	16.7	56.7
79	30.2	11.1	51.1

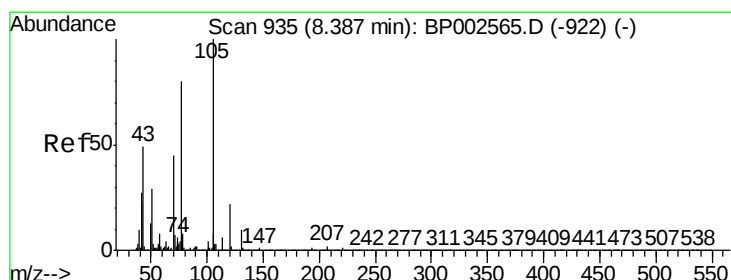
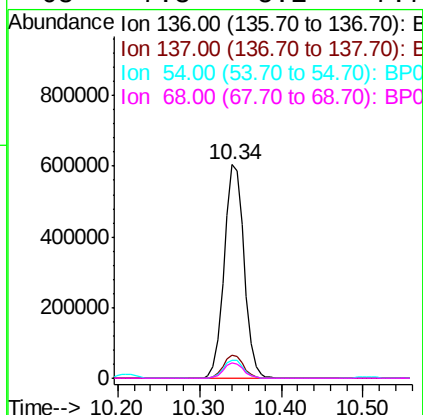
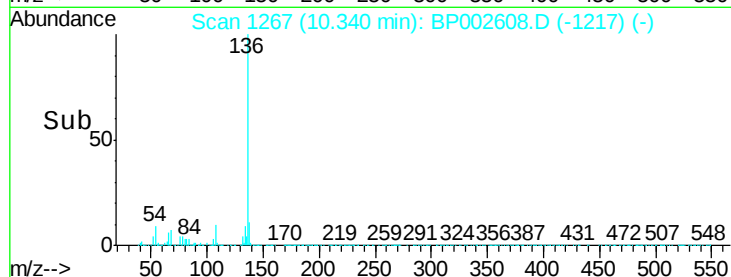
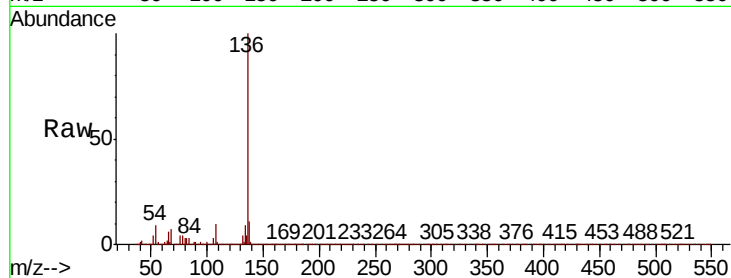




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

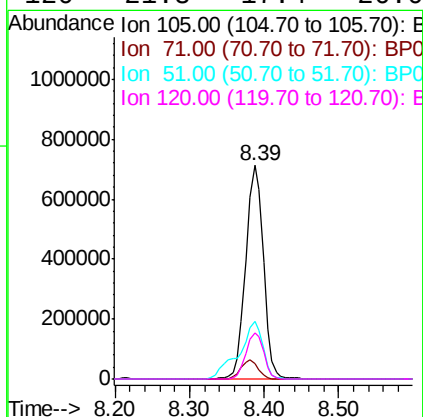
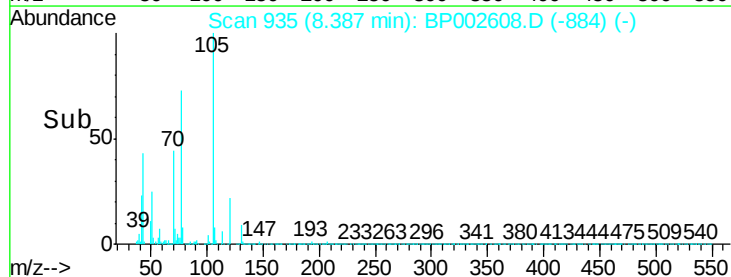
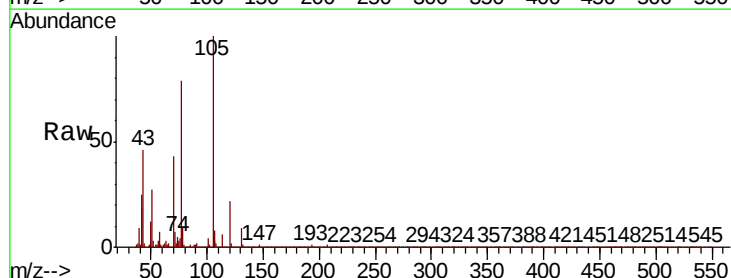
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

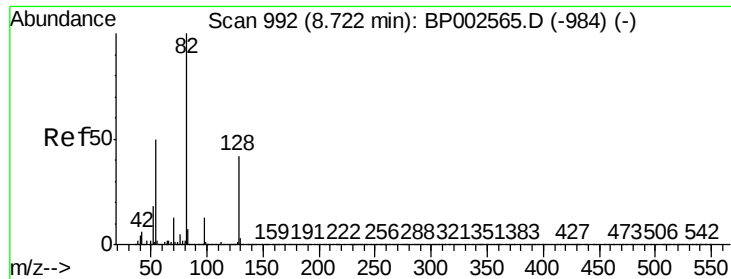
Tot Ion:136	Resp: 1021386
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 8.6	6.4 9.6
68 7.3	5.1 7.7



#22
Acetophenone
Concen: 45.321 ng
RT: 8.39 min Scan# 935
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt	Ion:105	Resp:	1171639
Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.8	8.8
51	26.9	23.3	34.9
120	21.8	17.4	26.0

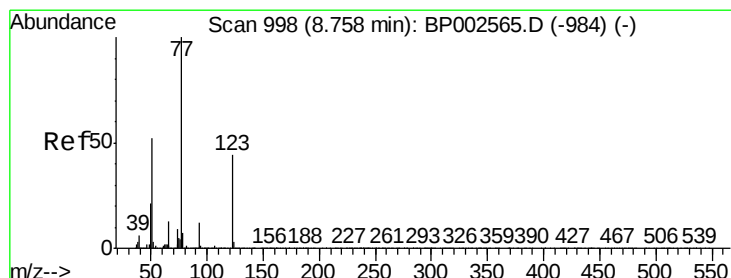
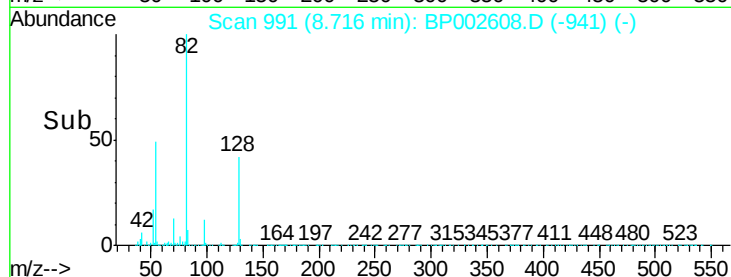
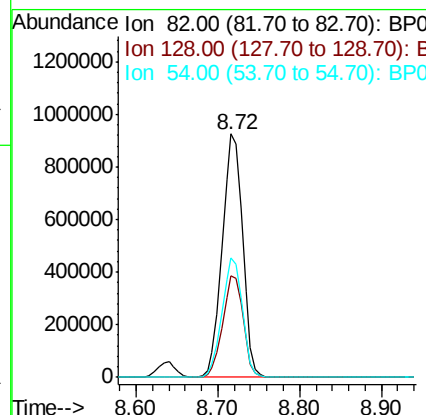
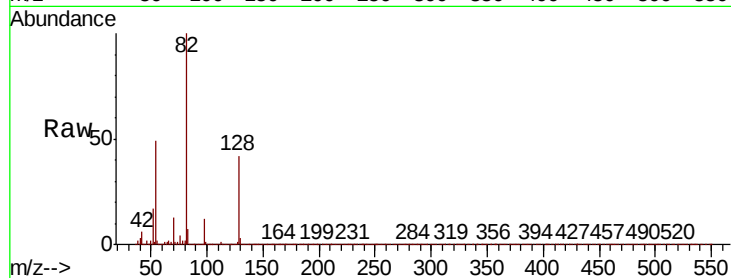




#23
 Nitrobenzene-d5
 Concen: 81.105 ng
 RT: 8.72 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BP002608.D
 Acq: 01 Jul 2020 17:23

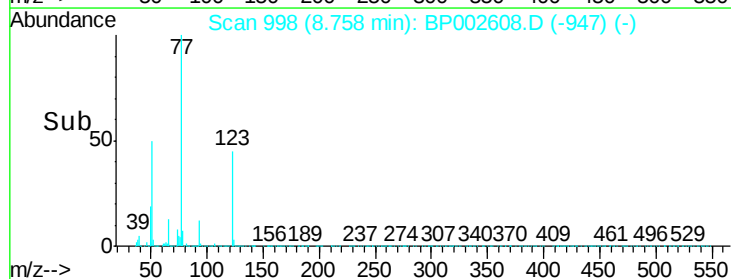
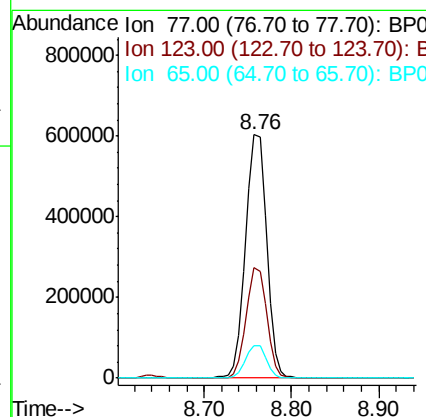
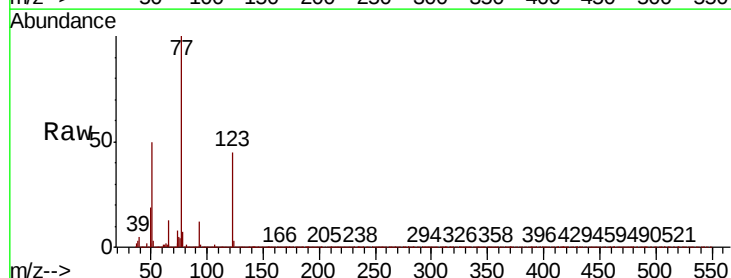
Instrument :
 BNA_P
 ClientSampleId :
 MUDDY-DRUMMSD

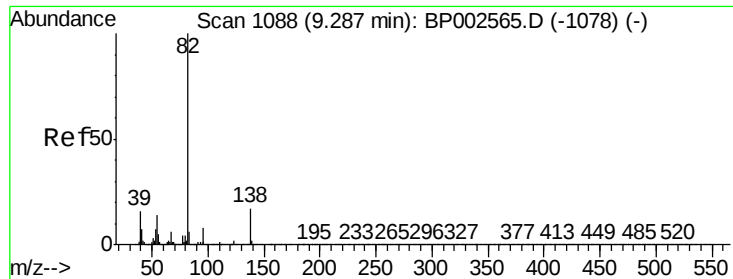
Tot Ion: 82 Resp: 1607737
 Ion Ratio Lower Upper
 82 100
 128 41.6 33.4 50.2
 54 49.3 40.1 60.1



#24
 Nitrobenzene
 Concen: 46.460 ng
 RT: 8.76 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BP002608.D
 Acq: 01 Jul 2020 17:23

Tgt Ion: 77 Resp: 974828
 Ion Ratio Lower Upper
 77 100
 123 45.2 35.3 52.9
 65 13.4 10.6 16.0





#25

Isophorone

Concen: 43.173 ng

RT: 9.28 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUMMSD

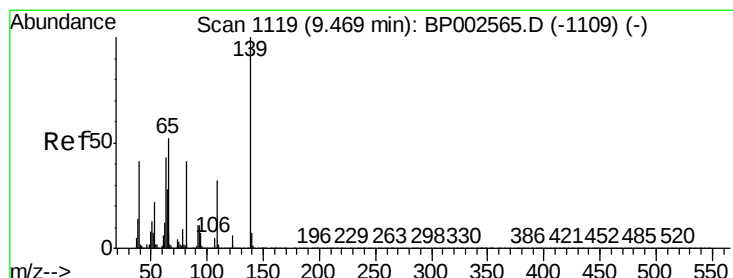
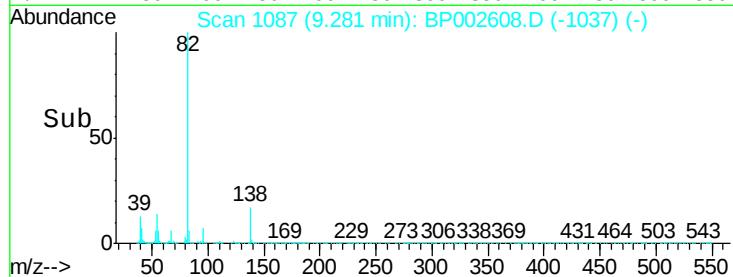
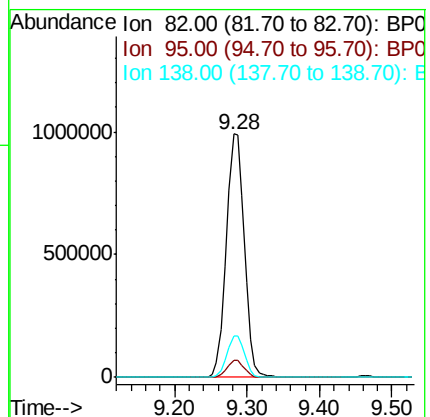
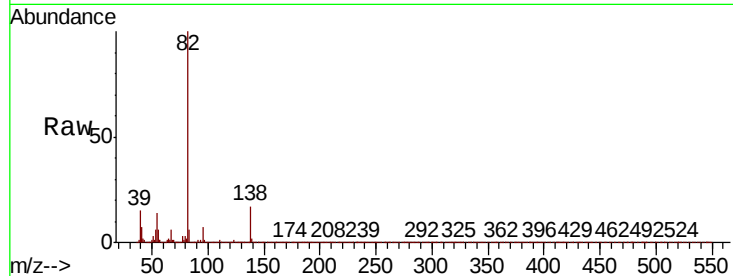
Tot Ion: 82 Resp: 1715301

Ion Ratio Lower Upper

82 100

95 6.9 6.0 9.0

138 17.1 13.8 20.8



#26

2-Nitrophenol

Concen: 49.173 ng

RT: 9.46 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

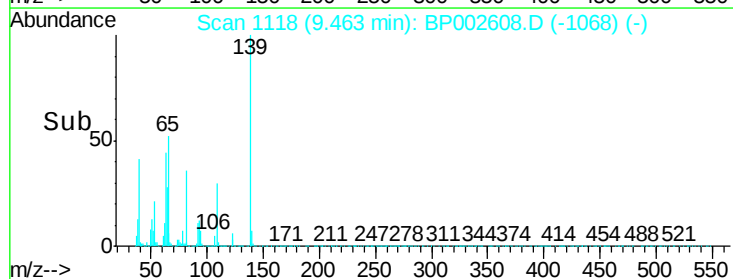
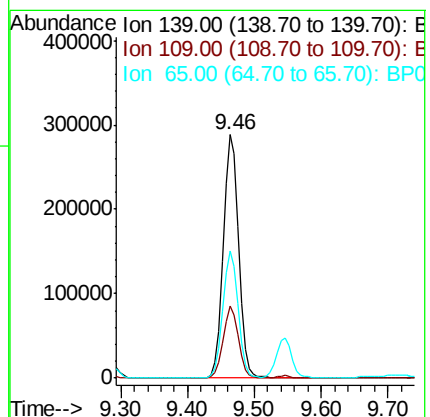
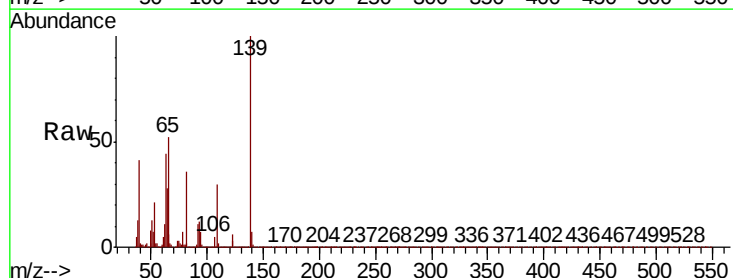
Tgt Ion: 139 Resp: 470550

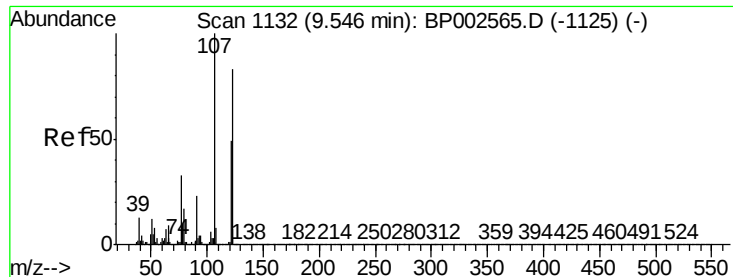
Ion Ratio Lower Upper

139 100

109 29.6 26.0 39.0

65 52.0 41.9 62.9

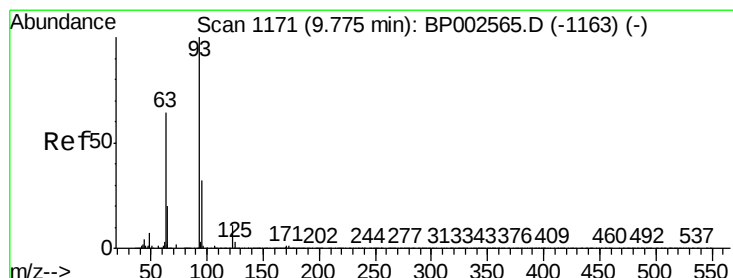
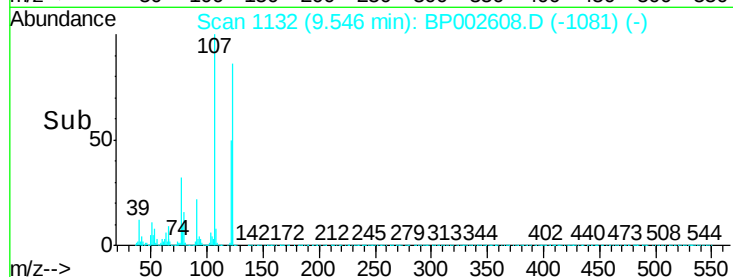
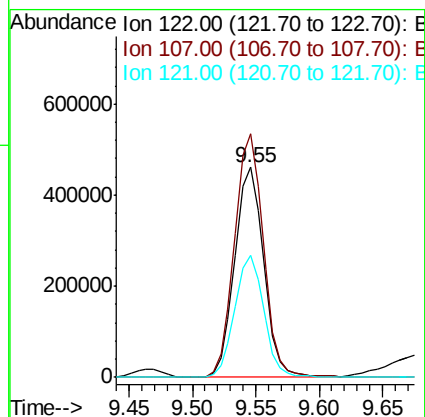
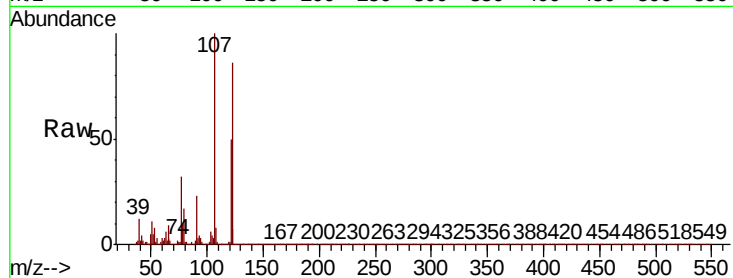




#27
2,4-Dimethylphenol
Concen: 50.492 ng
RT: 9.55 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

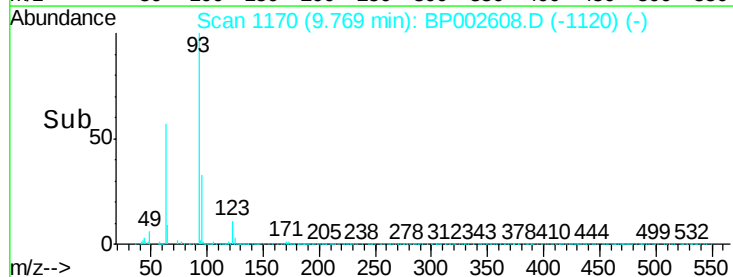
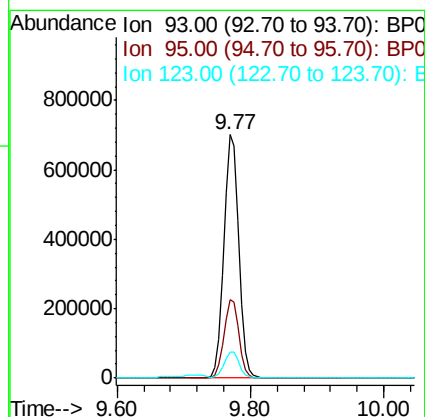
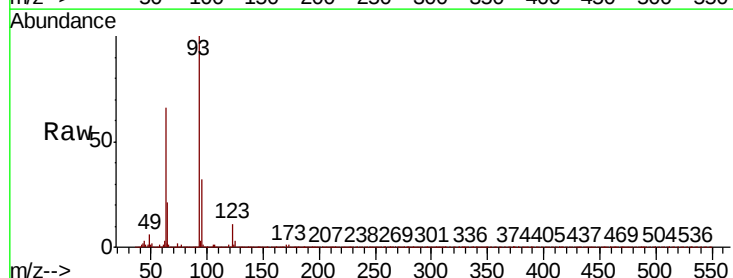
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

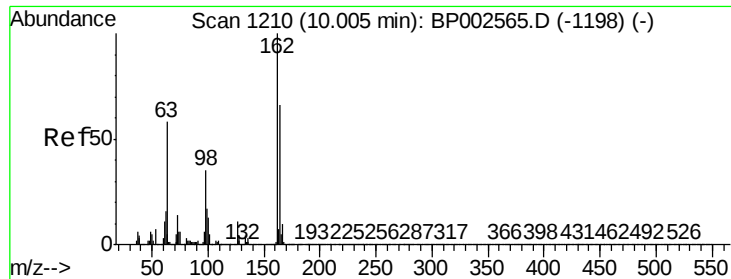
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.8	95.9	143.9
121	58.0	47.0	70.6



#28
bis(2-Chloroethoxy)methane
Concen: 48.491 ng
RT: 9.77 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.5	38.3
123	10.7	8.7	13.1

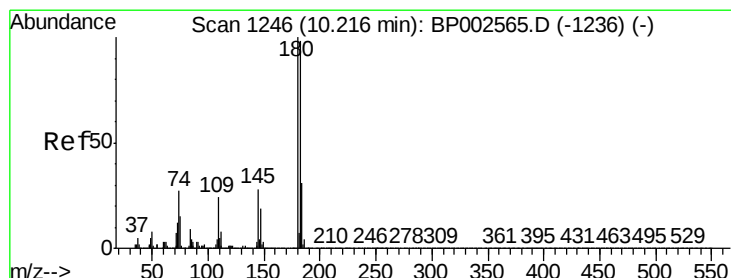
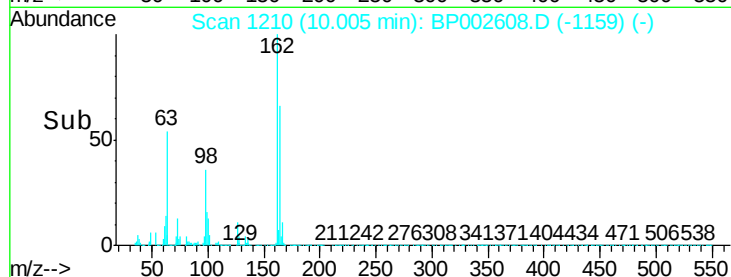
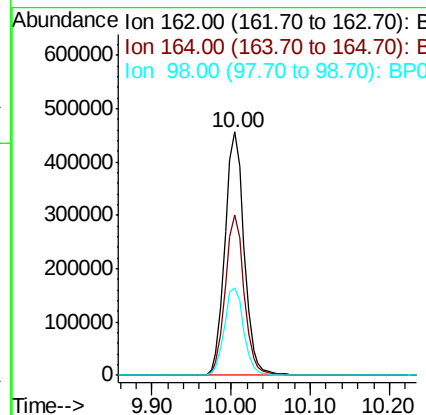
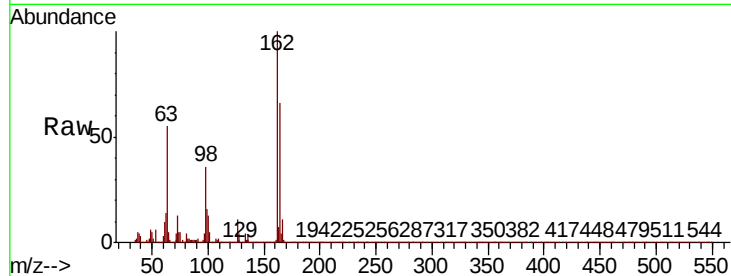




#29
 2,4-Dichlorophenol
 Concen: 45.982 ng
 RT: 10.00 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BP002608.D
 Acq: 01 Jul 2020 17:23

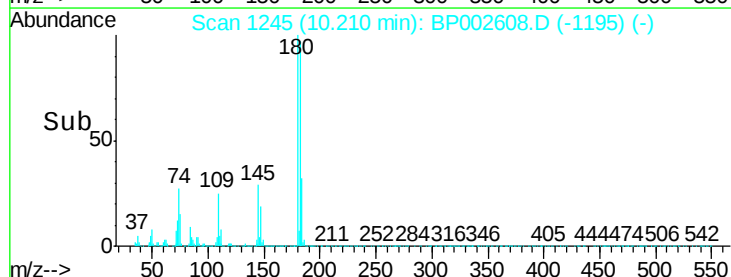
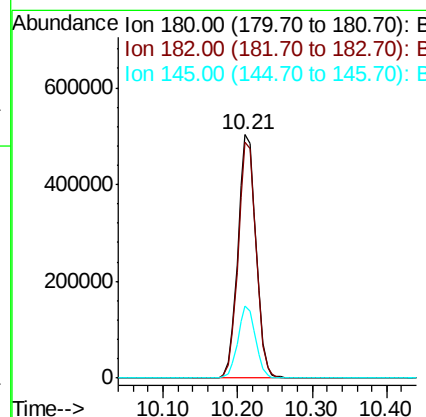
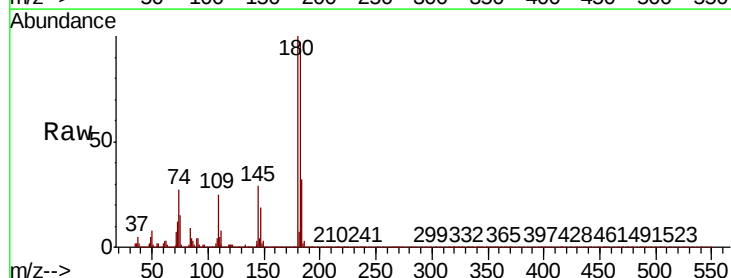
Instrument :
 BNA_P
 ClientSampleId :
 MUDDY-DRUMMSD

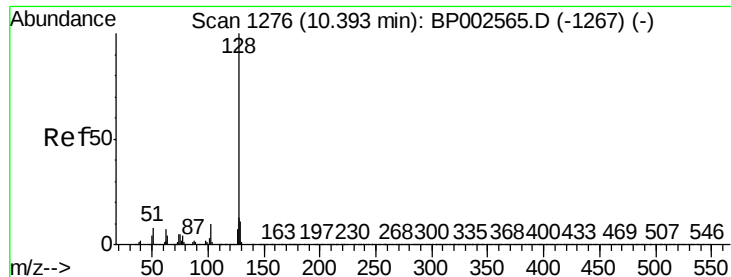
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	46.1	86.1
98	36.0	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 45.078 ng
 RT: 10.21 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BP002608.D
 Acq: 01 Jul 2020 17:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	78.2	117.2
145	29.4	22.6	34.0

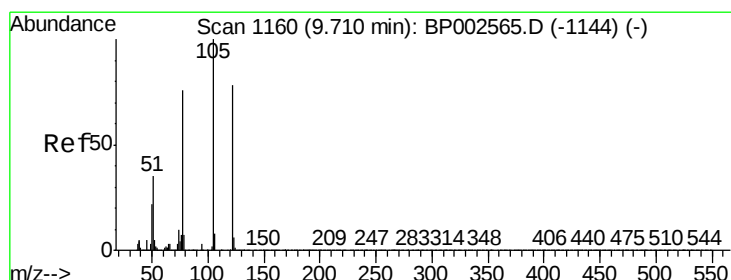
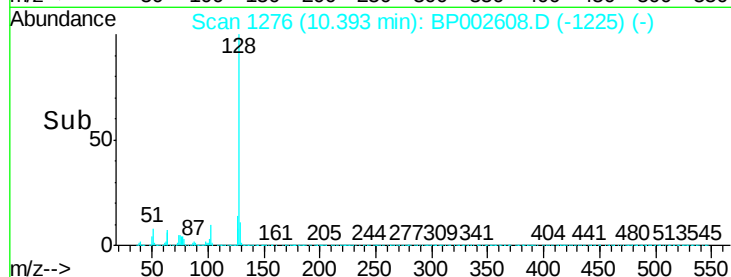
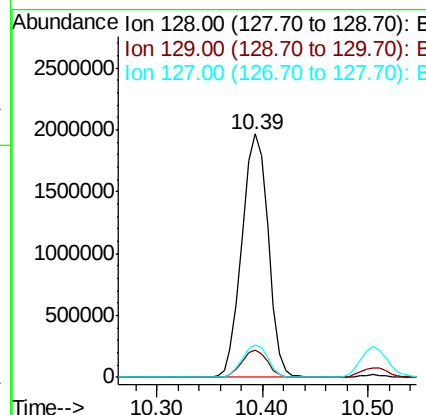
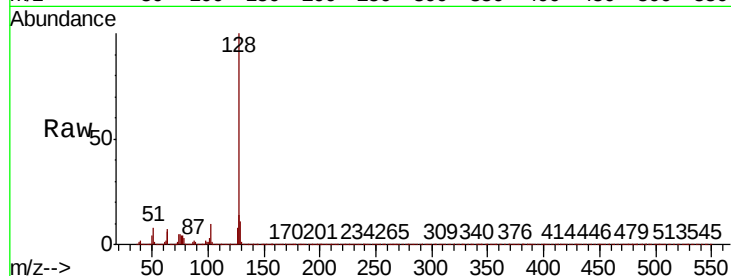




#31
Naphthalene
Concen: 62.724 ng
RT: 10.39 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

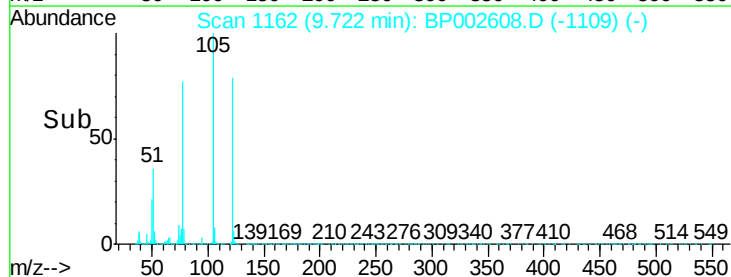
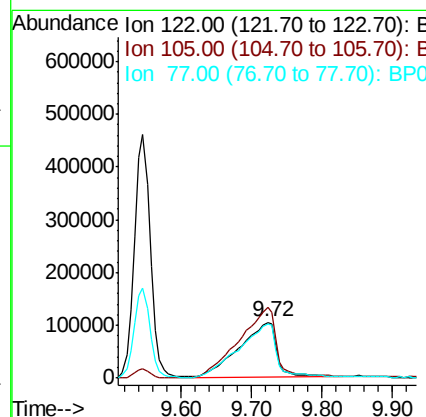
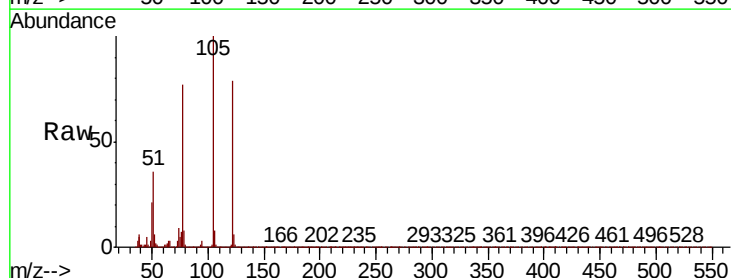
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

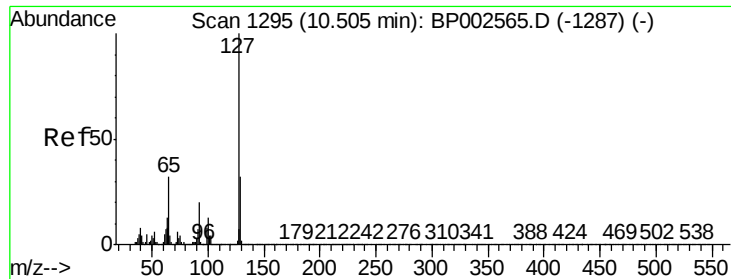
Tot Ion:128 Resp: 3391452
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.5 10.3 15.5



#32
Benzoic acid
Concen: 36.408 ng
RT: 9.72 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion:122 Resp: 385417
Ion Ratio Lower Upper
122 100
105 127.0 106.6 146.6
77 97.8 76.5 116.5

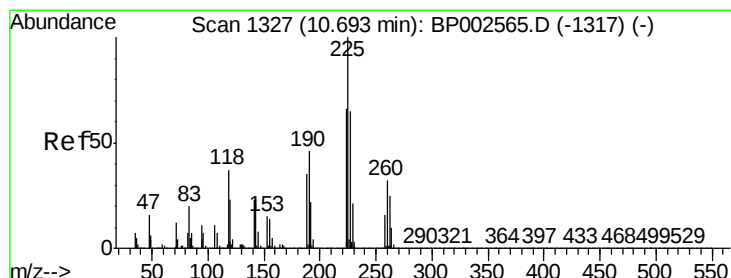
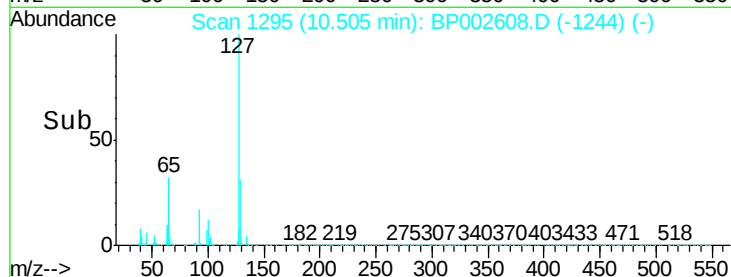
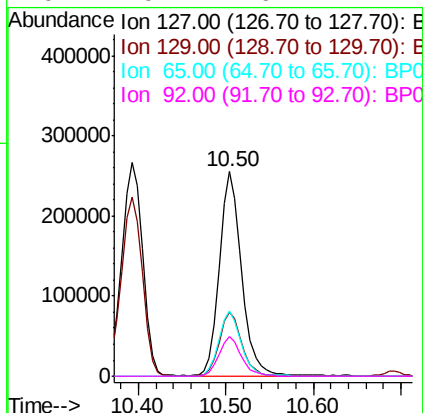
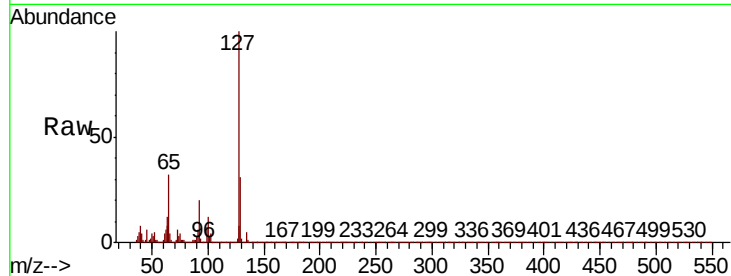




#33
4-Chloroaniline
Concen: 18.897 ng
RT: 10.50 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

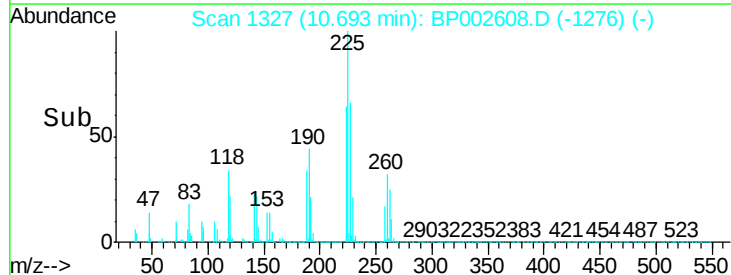
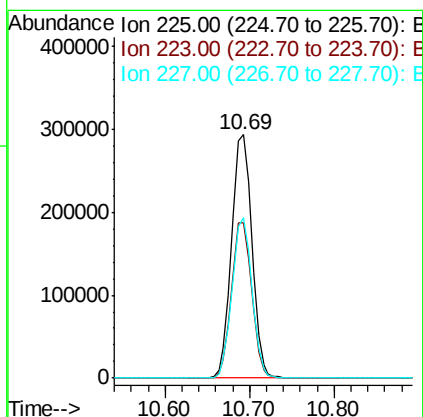
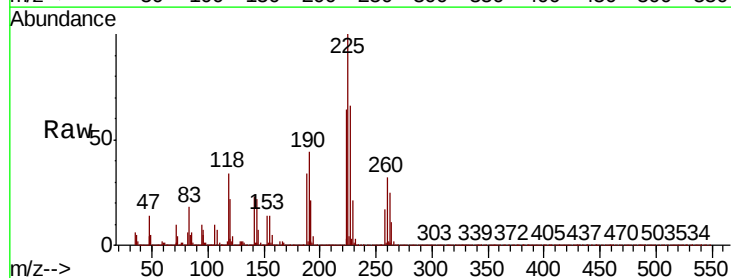
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

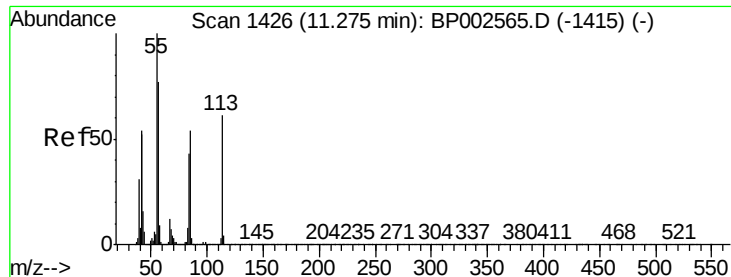
Tot Ion:	127	Resp:	446918
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.7	38.5
65	31.8	25.7	38.5
92	19.7	16.1	24.1



#34
Hexachlorobutadiene
Concen: 41.976 ng
RT: 10.69 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion:	225	Resp:	483375
Ion	Ratio	Lower	Upper
225	100		
223	63.7	52.6	78.8
227	66.1	52.1	78.1

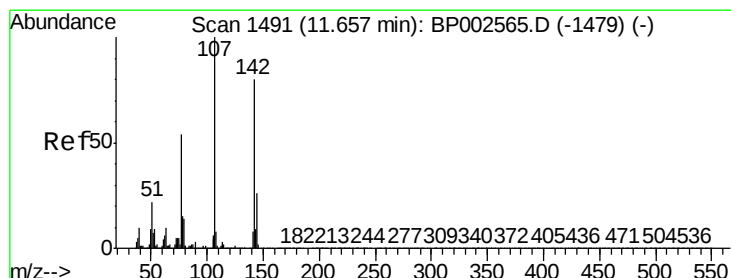
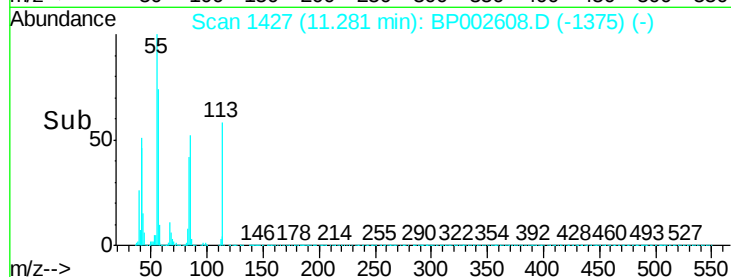
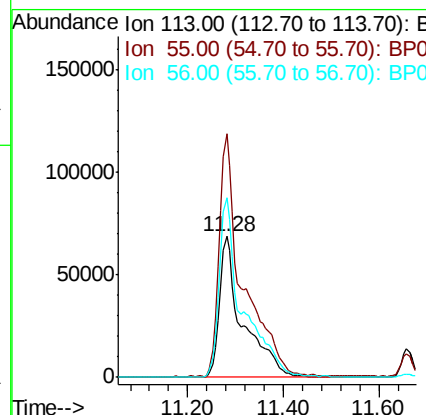
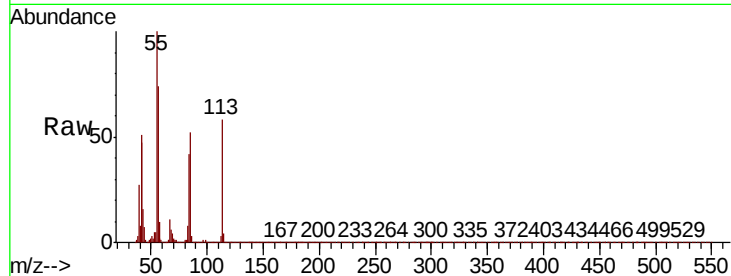




#35
Caprolactam
Concen: 41.314 ng
RT: 11.28 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

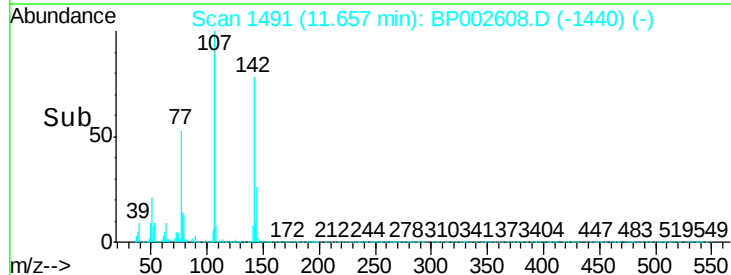
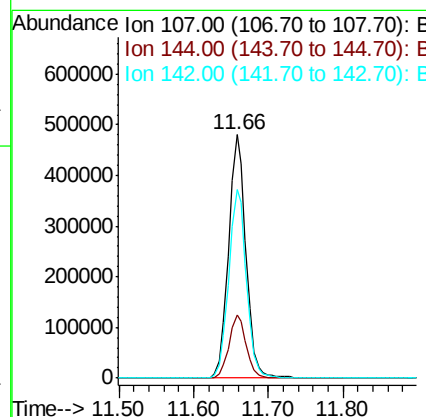
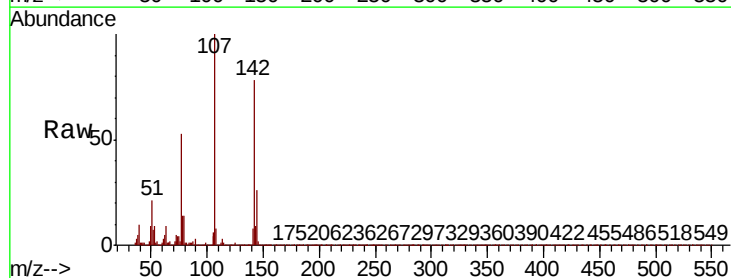
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

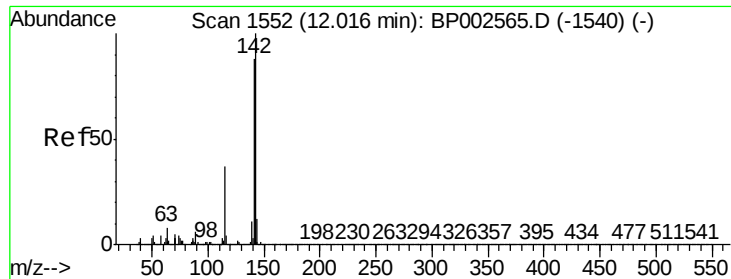
Tot Ion:113 Resp: 232082
Ion Ratio Lower Upper
113 100
55 172.6 143.7 183.7
56 127.5 105.2 145.2



#36
4-Chloro-3-methylphenol
Concen: 42.681 ng
RT: 11.66 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion:107 Resp: 781746
Ion Ratio Lower Upper
107 100
144 25.7 21.0 31.6
142 77.6 63.9 95.9

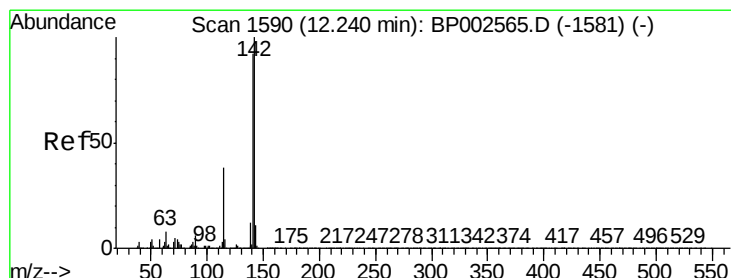
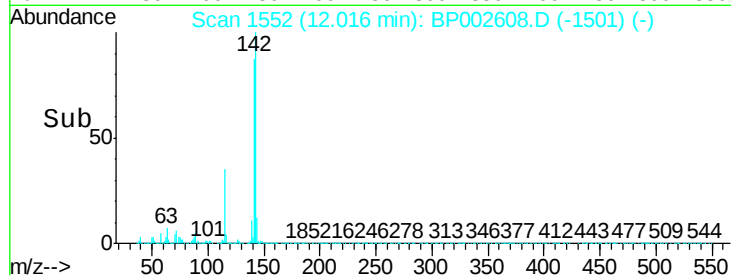
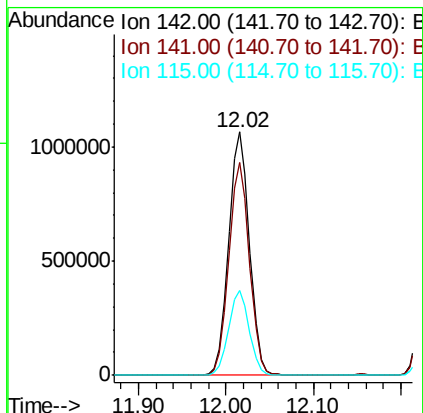
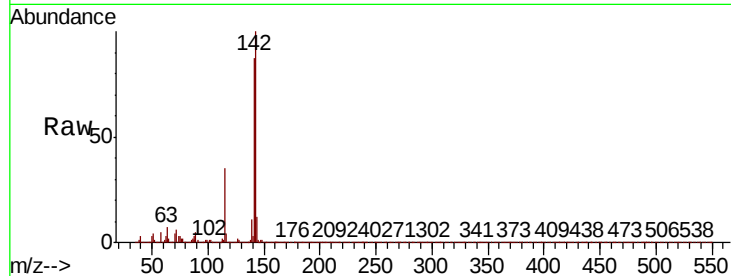




#37
2-Methylnaphthalene
Concen: 43.741 ng
RT: 12.02 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

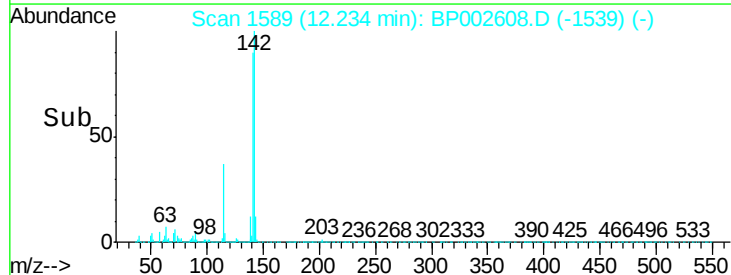
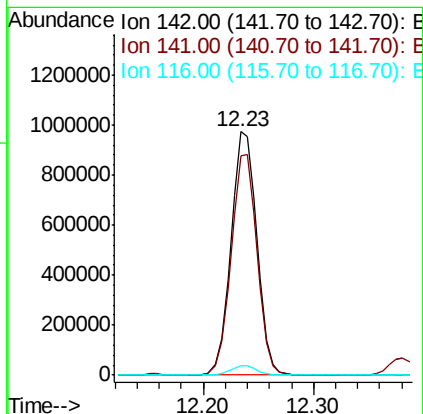
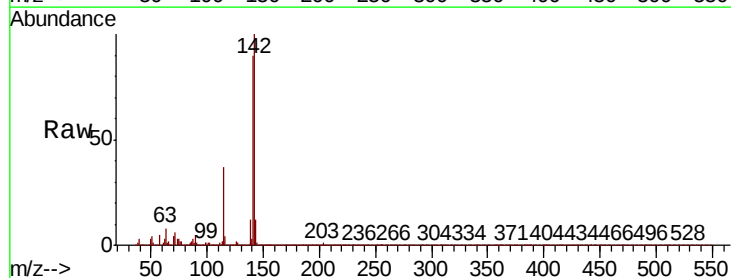
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

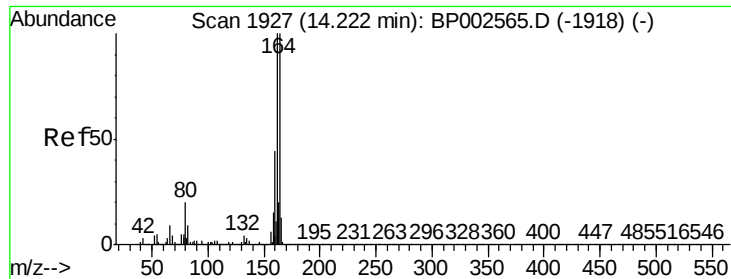
Tot Ion:142 Resp: 1724434
Ion Ratio Lower Upper
142 100
141 87.3 70.7 106.1
115 34.9 29.7 44.5



#38
1-Methylnaphthalene
Concen: 43.007 ng
RT: 12.23 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion:142 Resp: 1596848
Ion Ratio Lower Upper
142 100
141 89.9 73.4 110.2
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Instrument :

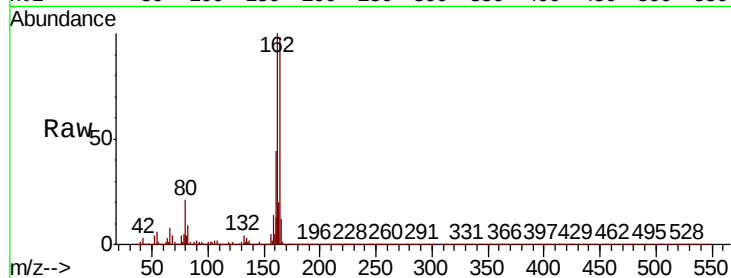
BNA_P

ClientSampleId :

MUDDY-DRUMMSD

Tot Ion:164 Resp: 546447

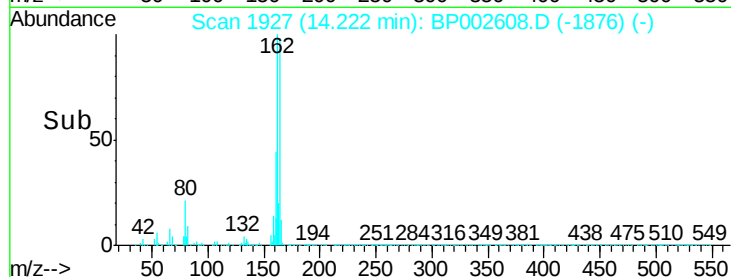
Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.3	120.5
160	44.9	35.0	52.6



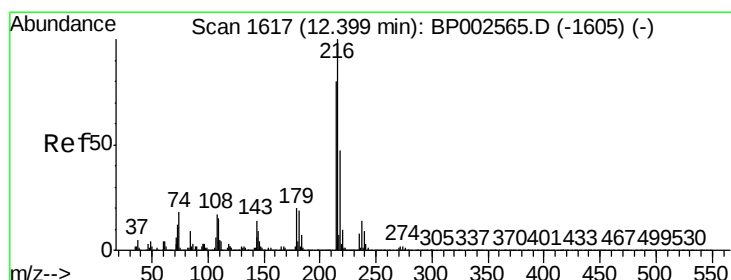
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 14.10 14.20 14.30



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.507 ng

RT: 12.40 min Scan# 1617

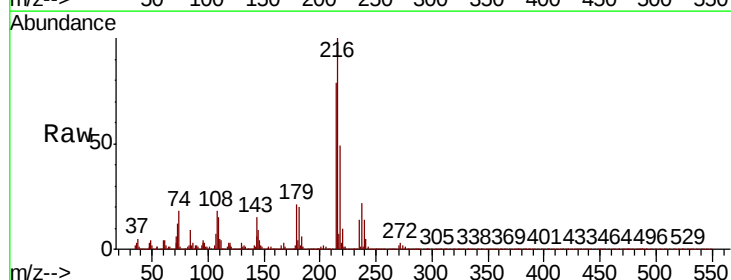
Delta R.T. 0.00 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Tgt Ion:216 Resp: 793544

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.2	94.8
179	20.3	16.6	24.8
108	20.7	14.9	22.3

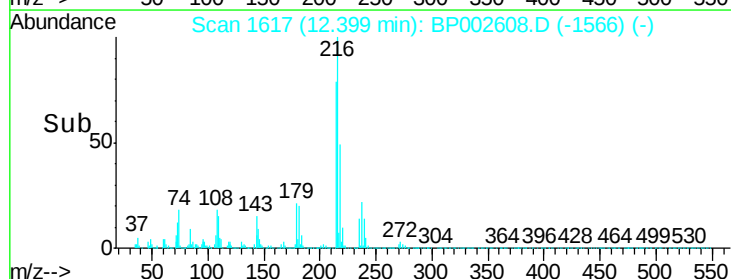


Abundance Ion 216.00 (215.70 to 216.70): E

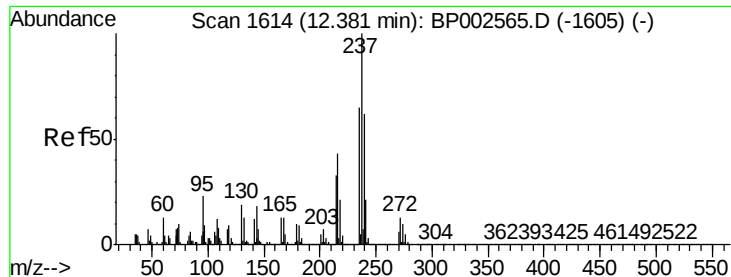
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



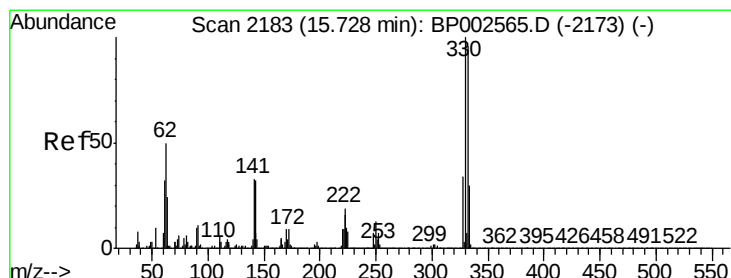
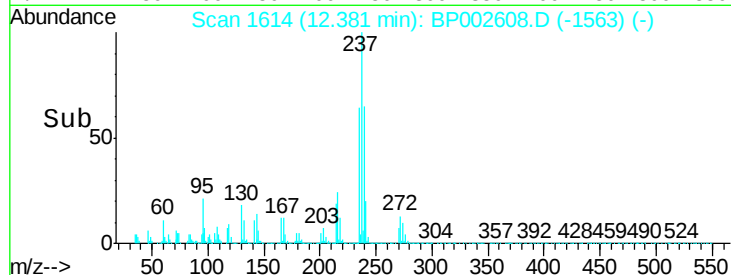
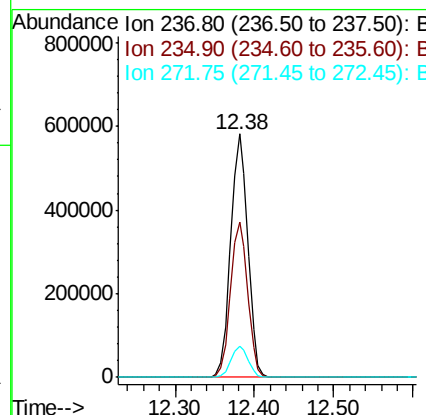
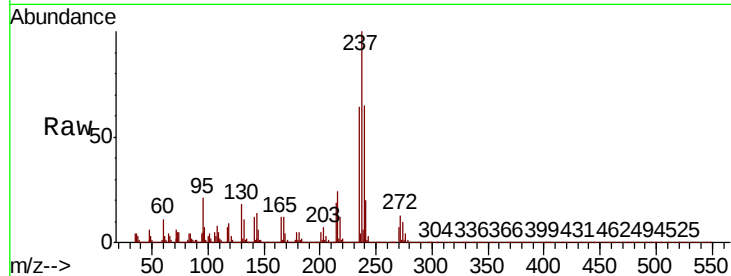
Time--> 12.20 12.40



#41
Hexachlorocyclopentadiene
Concen: 96.200 ng
RT: 12.38 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

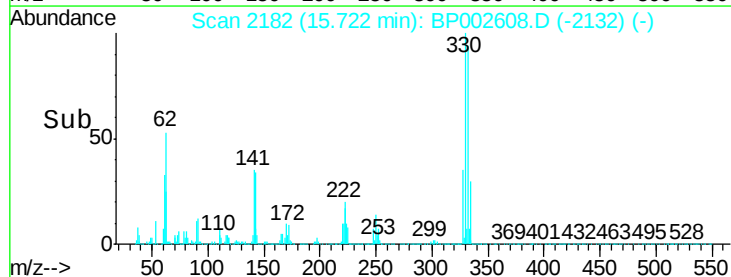
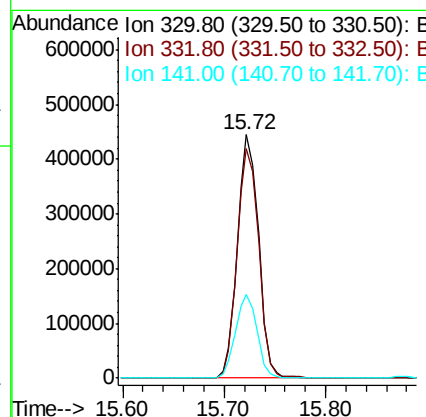
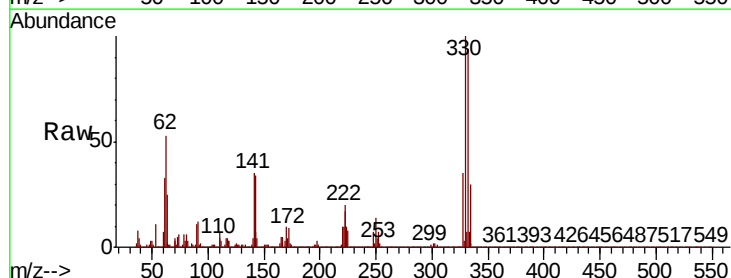
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

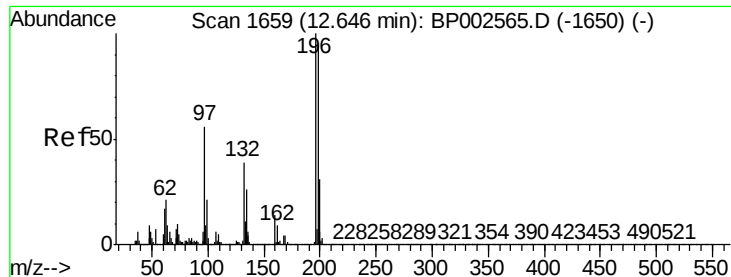
Tot Ion:237 Resp: 865223
Ion Ratio Lower Upper
237 100
235 63.9 45.4 85.4
272 12.6 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 97.396 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion:330 Resp: 647327
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 35.1 29.0 43.6

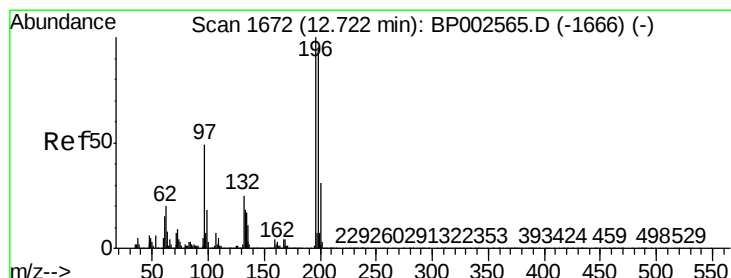
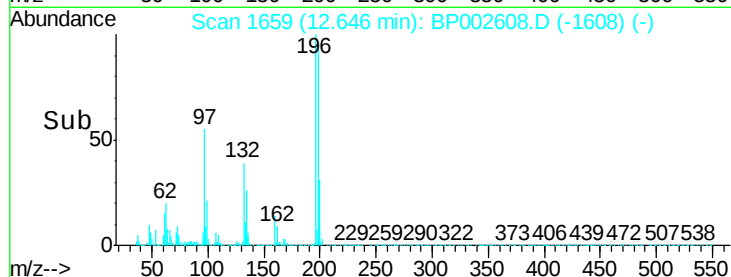
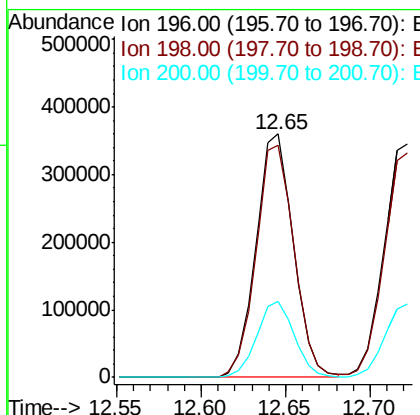
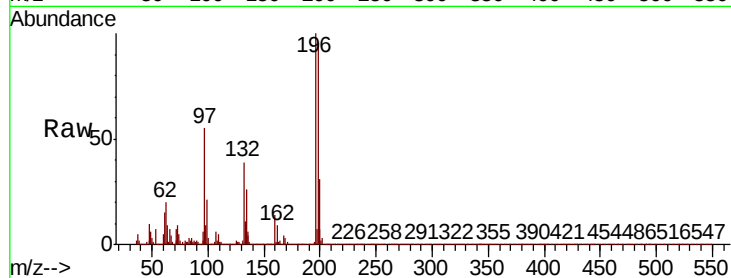




#43
 2,4,6-Trichlorophenol
 Concen: 47.760 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: BP002608.D
 Acq: 01 Jul 2020 17:23

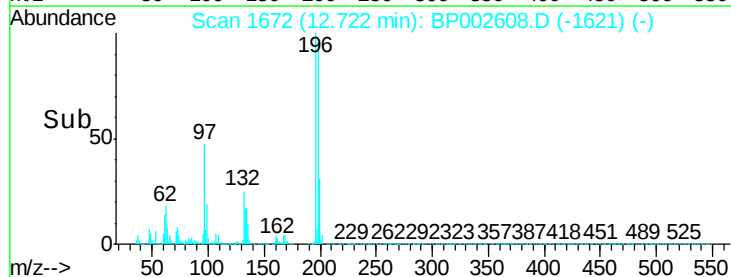
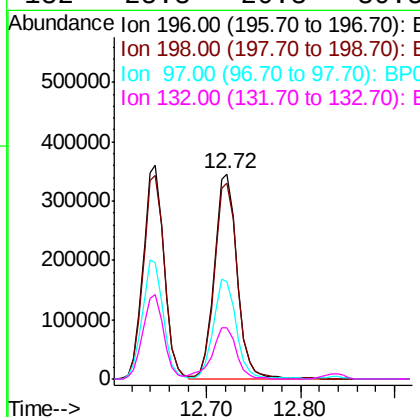
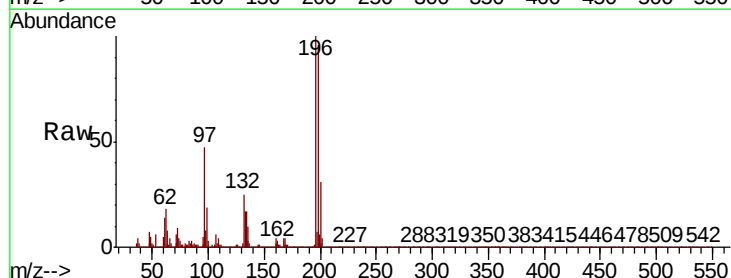
Instrument :
 BNA_P
 ClientSampleId :
 MUDDY-DRUMMSD

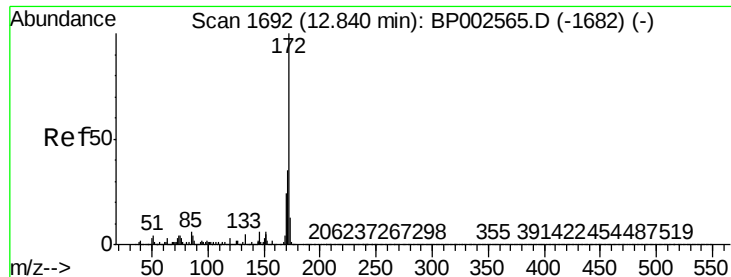
Tot Ion:196 Resp: 551404
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.3 112.9
 200 31.3 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 44.189 ng
 RT: 12.72 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BP002608.D
 Acq: 01 Jul 2020 17:23

Tgt Ion:196 Resp: 587284
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.4 113.0
 97 47.4 39.3 58.9
 132 25.3 20.3 30.5

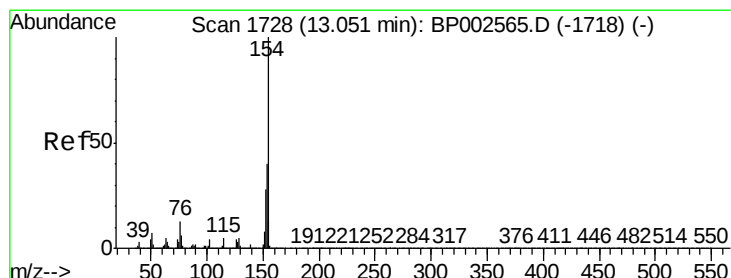
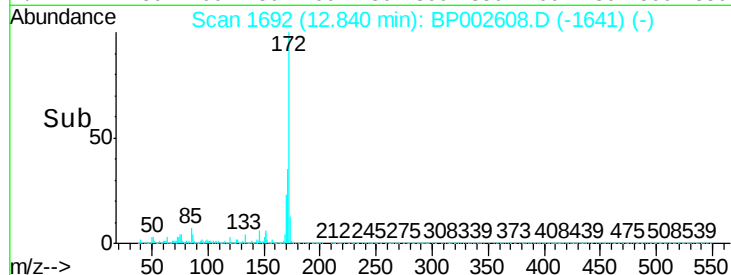
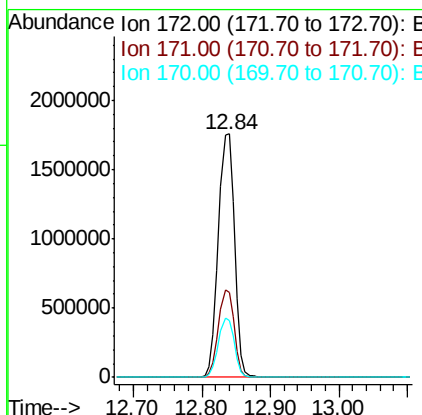
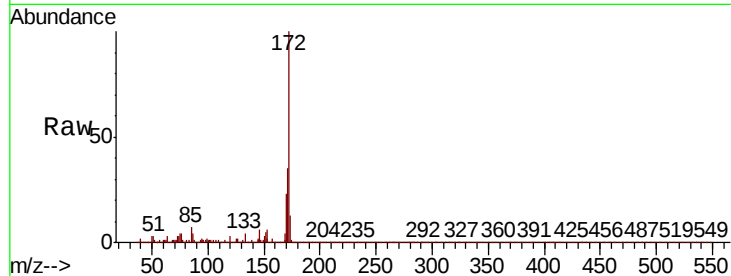




#45
2-Fluorobiphenyl
Concen: 77.469 ng
RT: 12.84 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

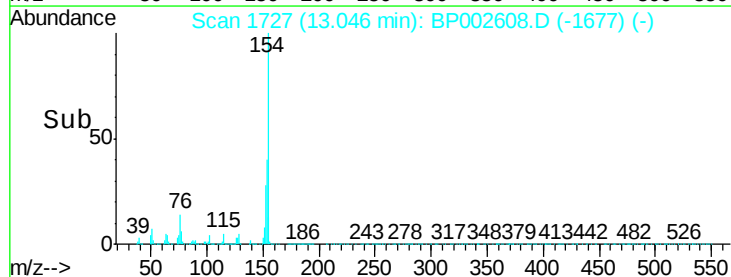
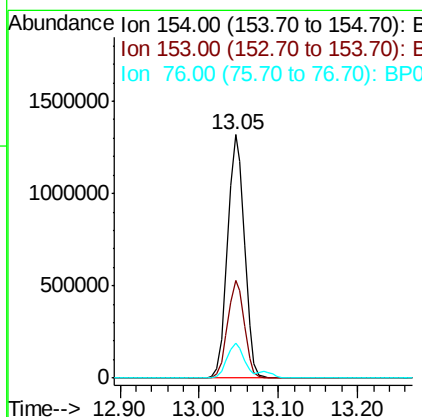
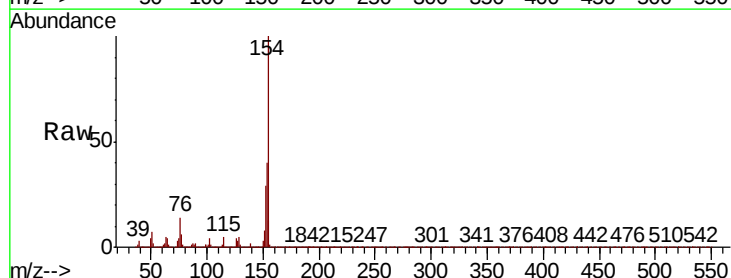
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

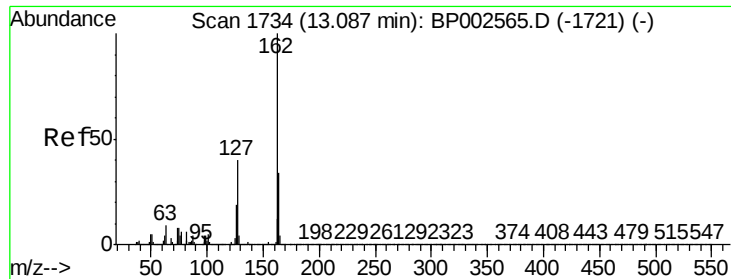
Tot Ion:172 Resp: 2876172
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 46.915 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion:154 Resp: 1939242
Ion Ratio Lower Upper
154 100
153 39.9 20.0 60.0
76 14.3 0.0 33.0

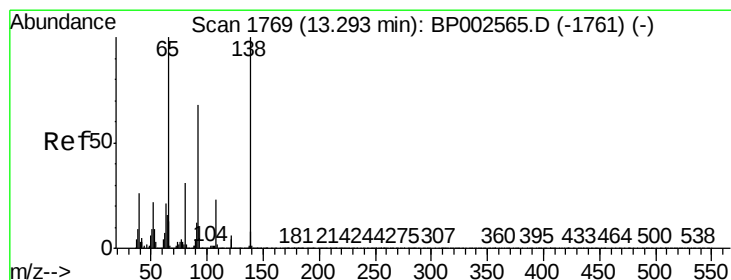
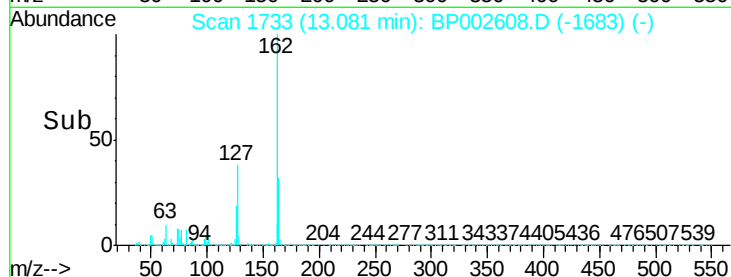
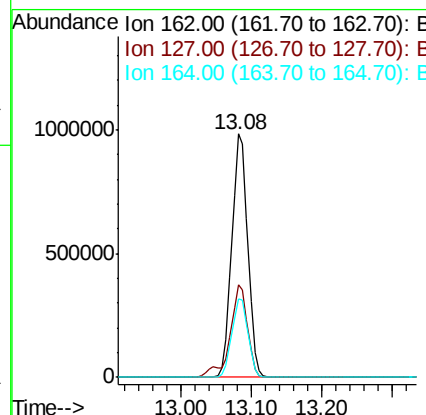
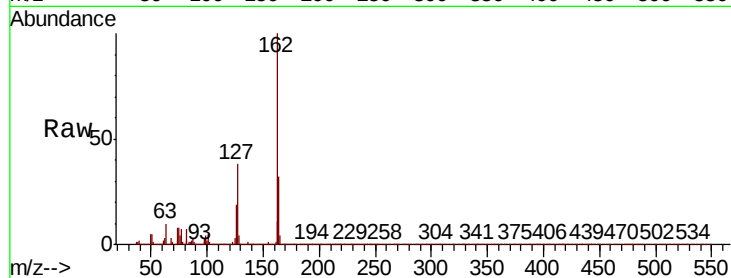




#47
2-Chloronaphthalene
Concen: 45.826 ng
RT: 13.08 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

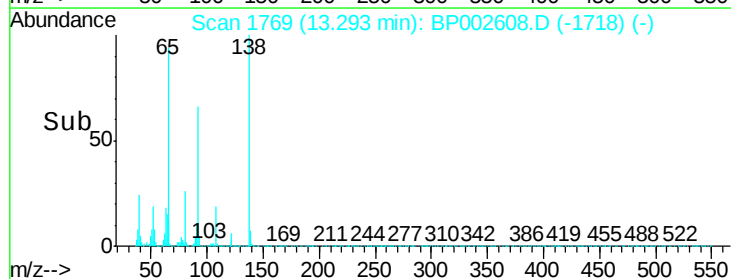
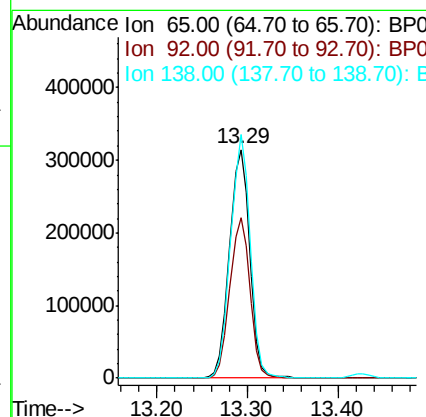
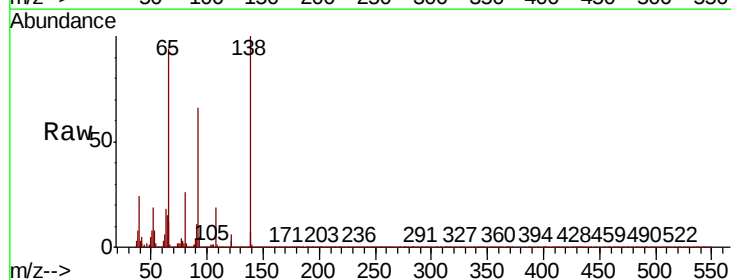
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

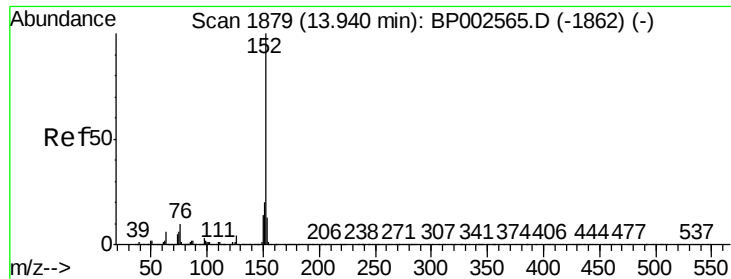
Tot Ion:162 Resp: 1541938
Ion Ratio Lower Upper
162 100
127 38.0 31.7 47.5
164 32.5 27.3 40.9



#48
2-Nitroaniline
Concen: 45.689 ng
RT: 13.29 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion: 65 Resp: 490436
Ion Ratio Lower Upper
65 100
92 70.3 54.2 81.4
138 106.4 79.8 119.8





#49

Acenaphthylene

Concen: 45.328 ng

RT: 13.93 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Instrument :

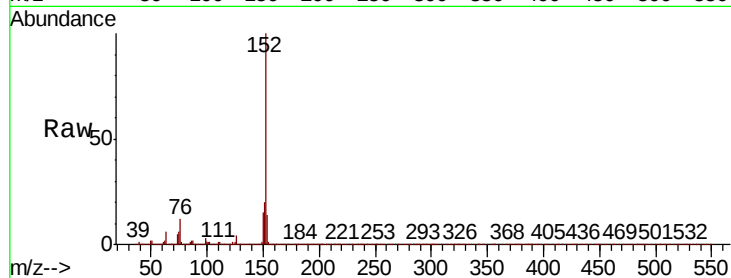
BNA_P

ClientSampleId :

MUDDY-DRUMMSD

Tot Ion:152 Resp: 2400297

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.6	10.2	15.2

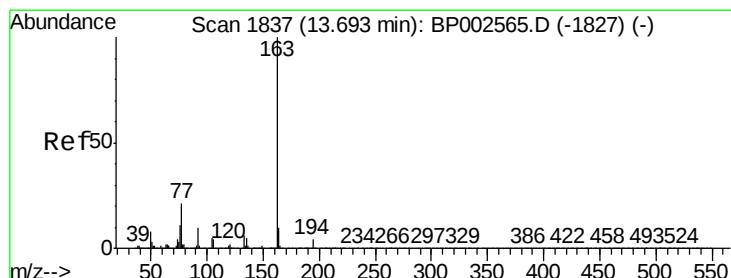
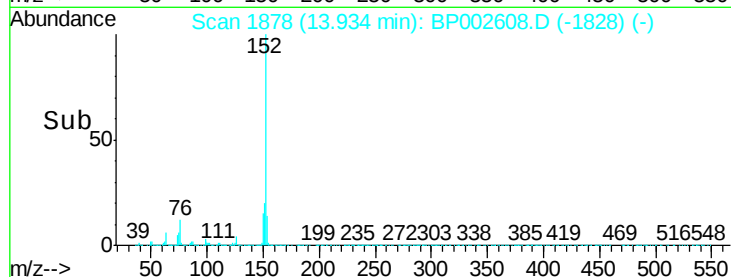
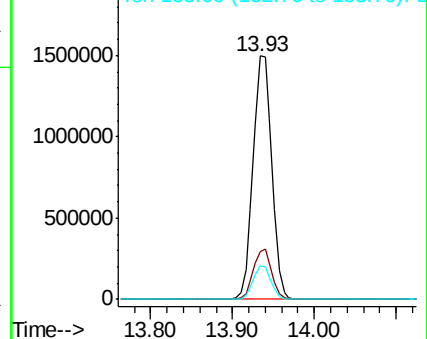


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.212 ng

RT: 13.69 min Scan# 1837

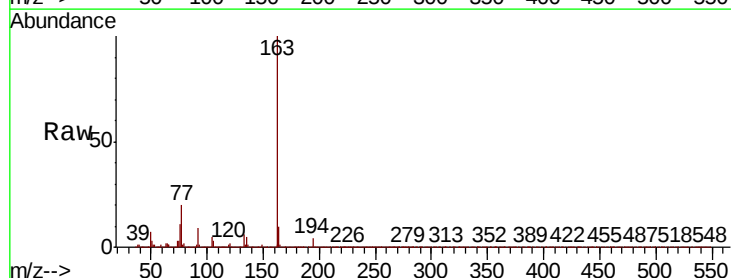
Delta R.T. 0.00 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Tgt Ion:163 Resp: 2155051

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.2	12.4

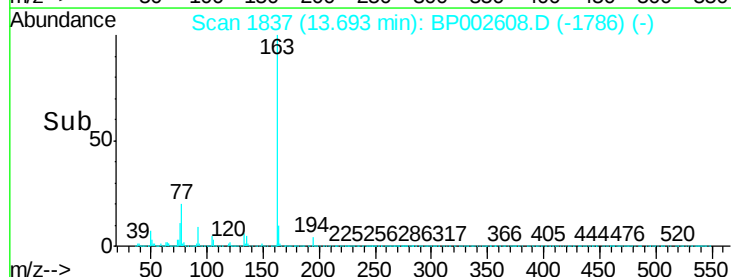
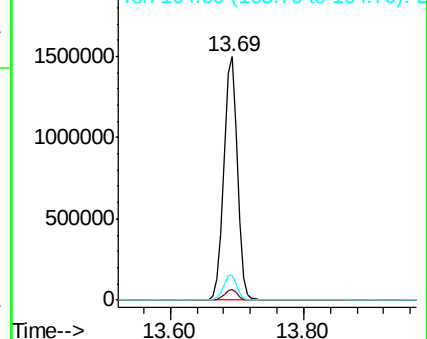


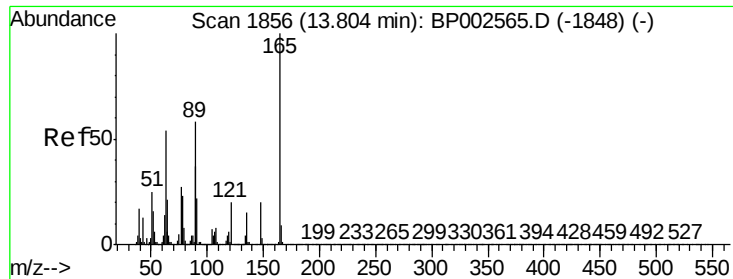
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

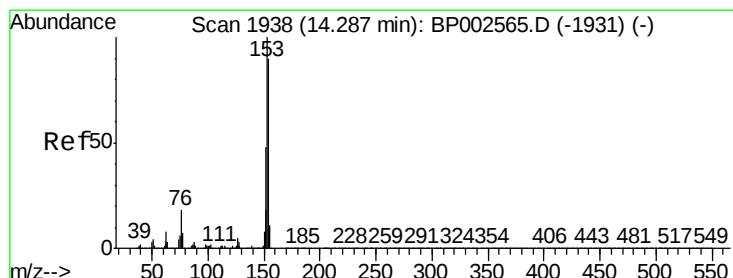
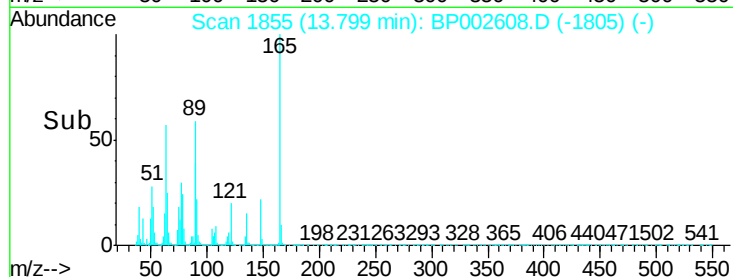
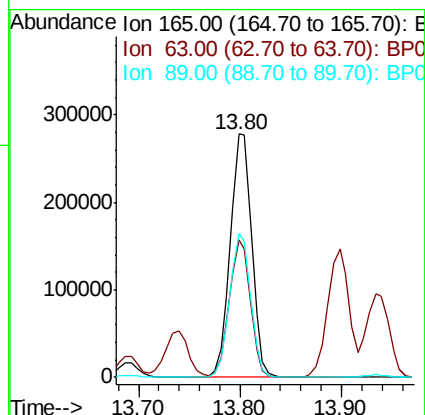
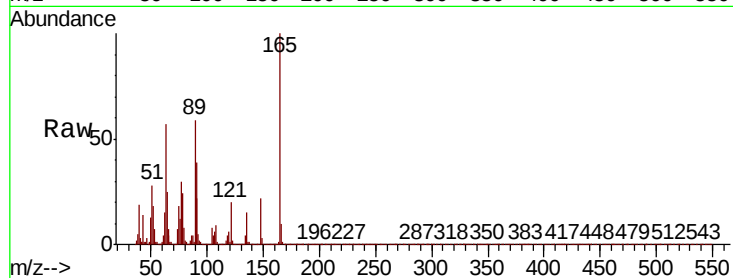




#51
2,6-Dinitrotoluene
Concen: 44.135 ng
RT: 13.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

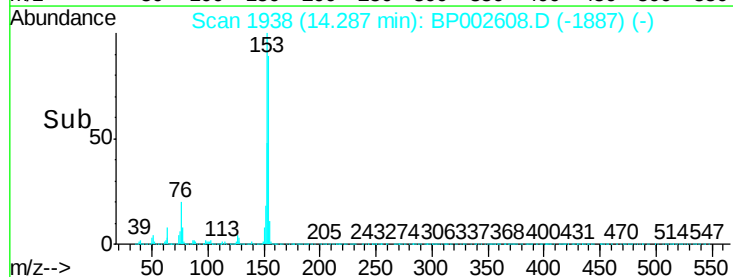
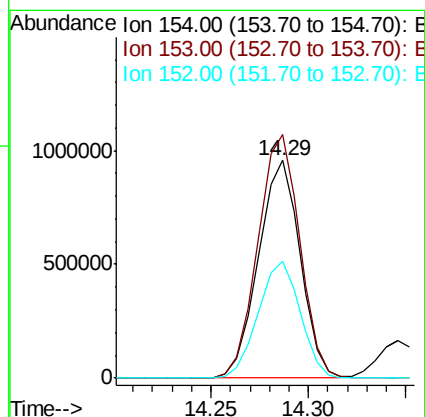
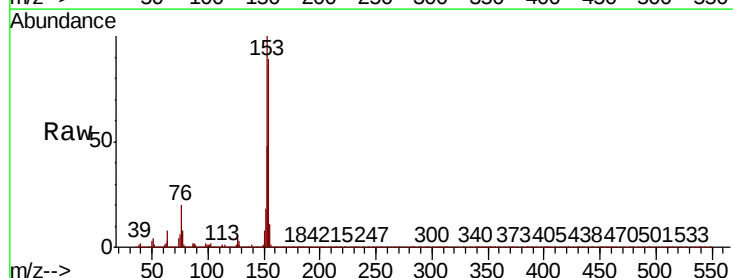
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

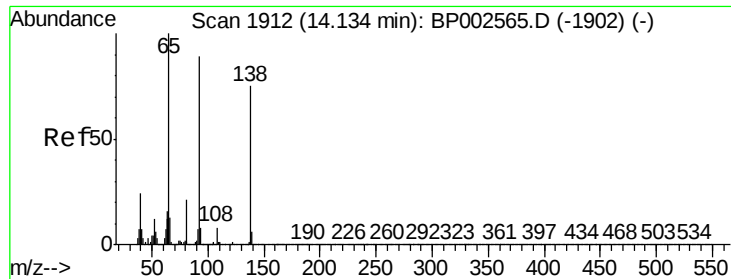
Tot Ion:165 Resp: 409104
Ion Ratio Lower Upper
165 100
63 56.7 46.6 69.8
89 58.9 46.3 69.5



#52
Acenaphthene
Concen: 45.350 ng
RT: 14.29 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion:154 Resp: 1416876
Ion Ratio Lower Upper
154 100
153 111.9 89.1 133.7
152 53.5 43.2 64.8

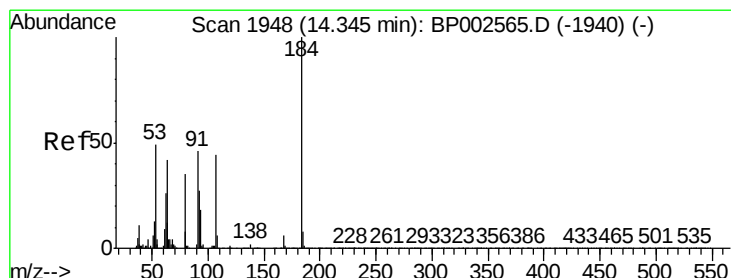
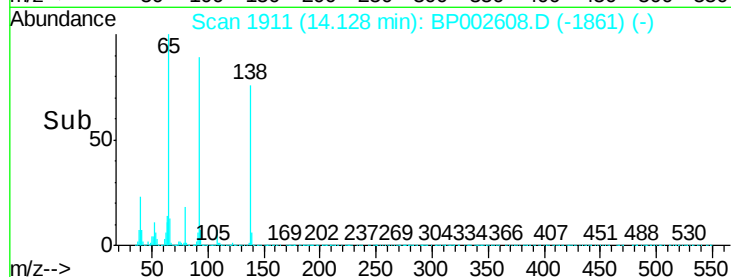
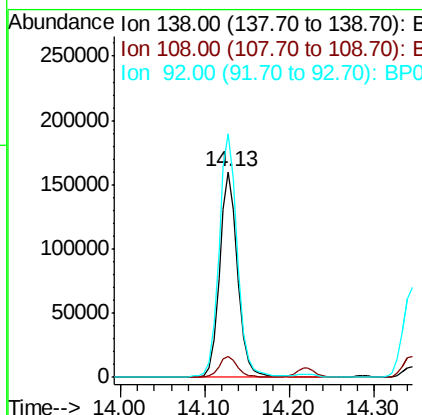
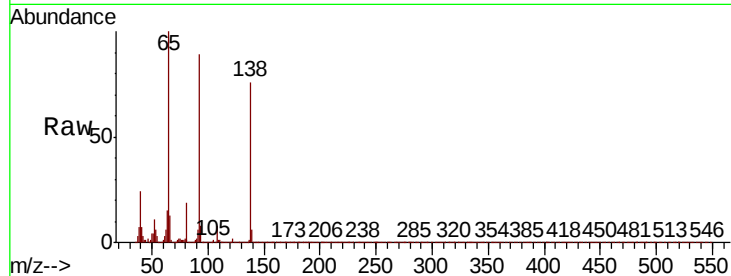




#53
3-Nitroaniline
Concen: 23.605 ng
RT: 14.13 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

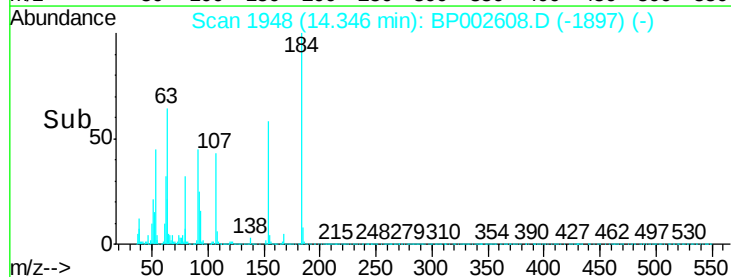
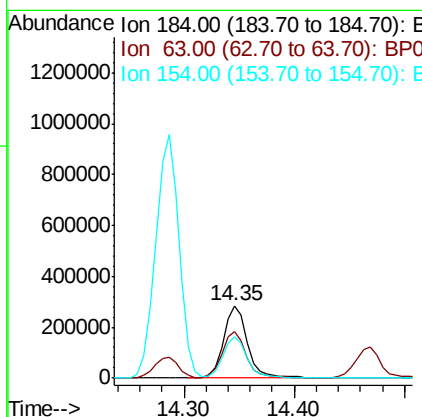
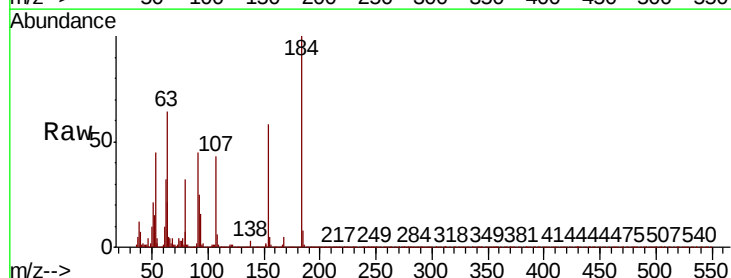
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

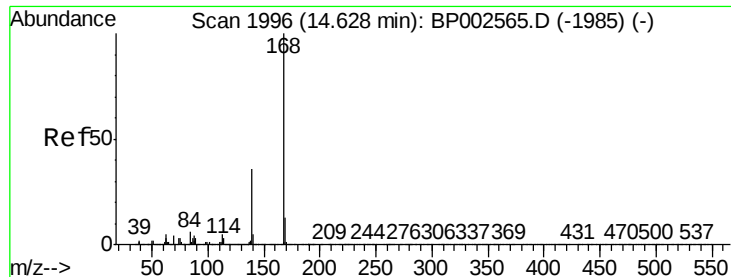
Tot Ion:138 Resp: 238242
Ion Ratio Lower Upper
138 100
108 10.1 8.6 12.8
92 118.3 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 75.243 ng
RT: 14.35 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion:184 Resp: 432539
Ion Ratio Lower Upper
184 100
63 63.8 56.2 84.2
154 57.9 50.9 76.3





#55

Dibenzofuran

Concen: 43.516 ng

RT: 14.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUMMSD

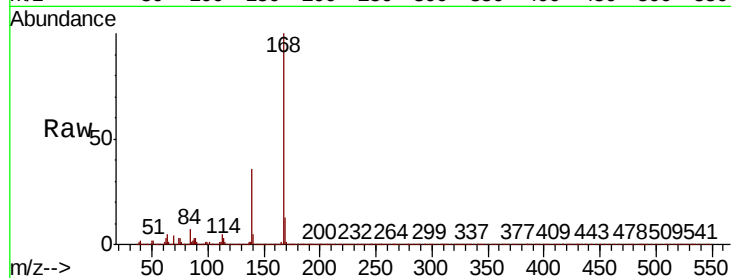
Tot Ion:168 Resp: 2203294

Ion	Ratio	Lower	Upper
168	100		
139	36.2	29.3	43.9
169	13.0	10.6	15.8

168 100

139 36.2 29.3 43.9

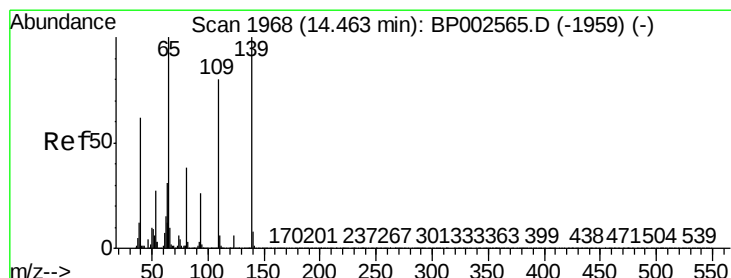
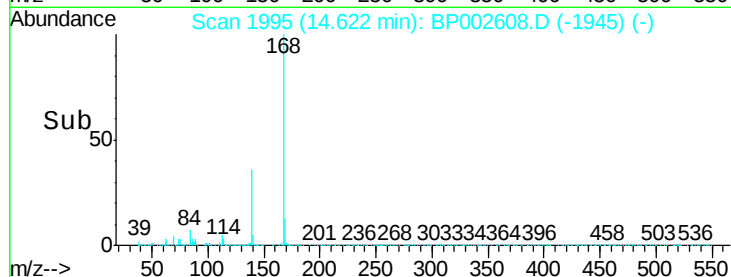
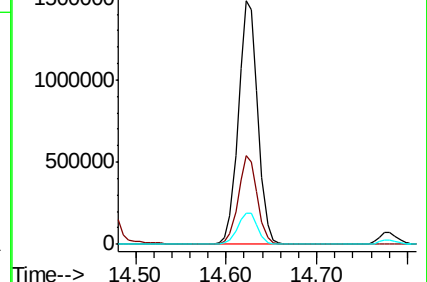
169 13.0 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 79.978 ng

RT: 14.47 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

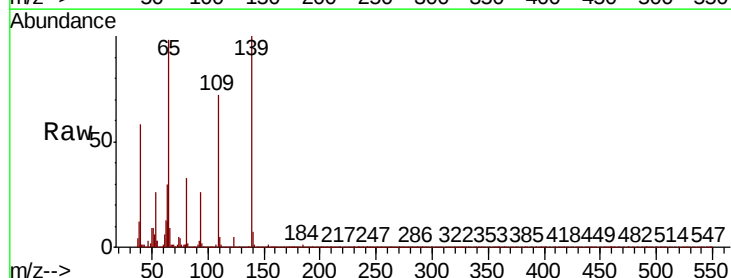
Tgt Ion:139 Resp: 637211

Ion	Ratio	Lower	Upper
139	100		
109	71.9	60.1	100.1
65	98.2	80.3	120.3

139 100

109 71.9 60.1 100.1

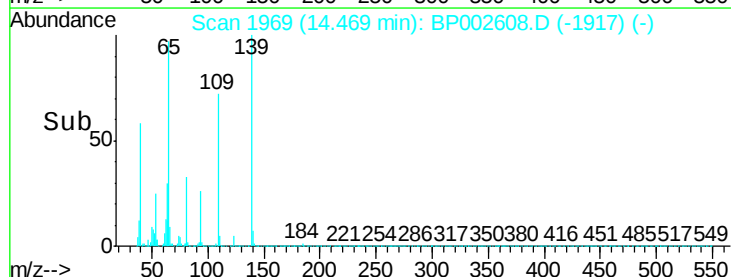
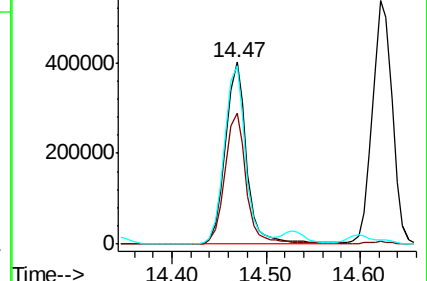
65 98.2 80.3 120.3

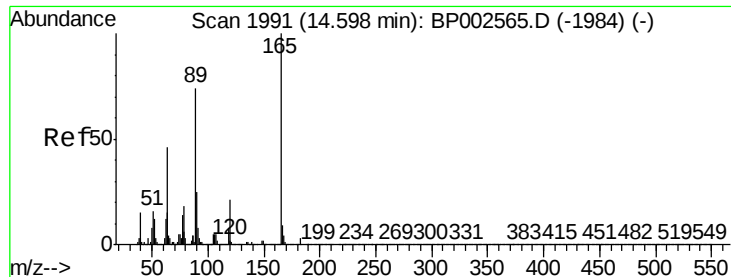


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

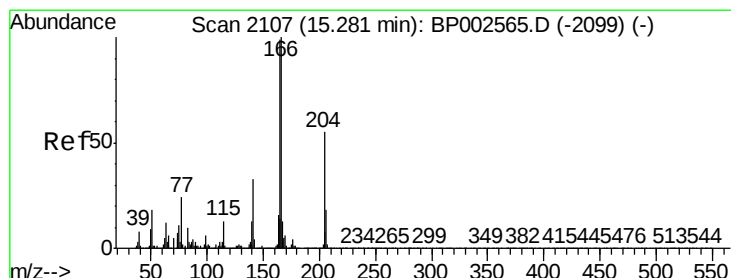
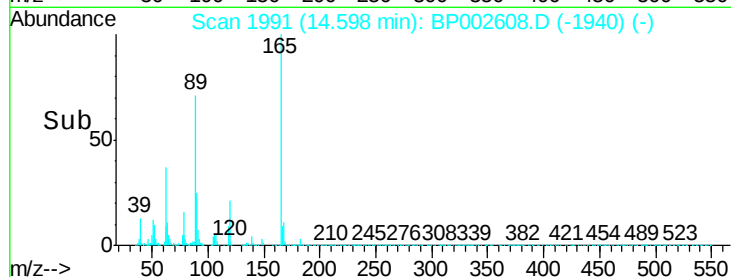
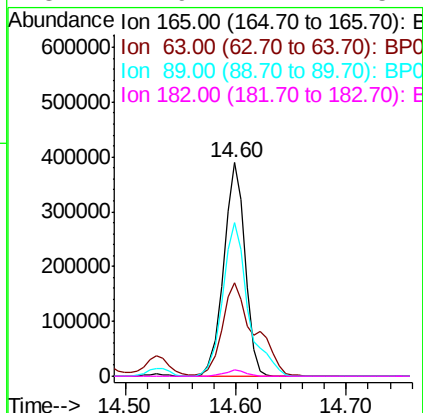
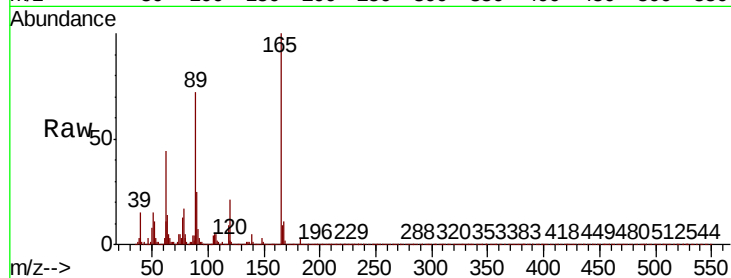




#57
2,4-Dinitrotoluene
Concen: 42.180 ng
RT: 14.60 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

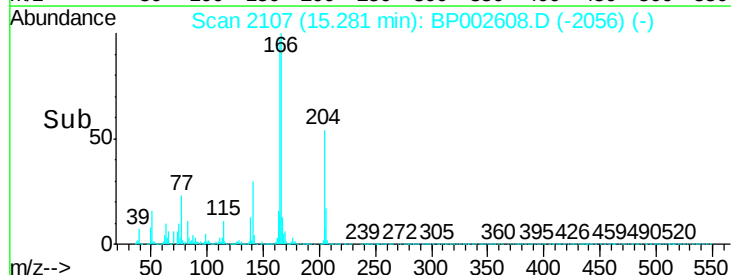
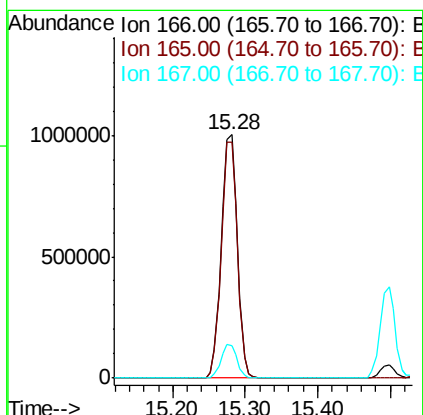
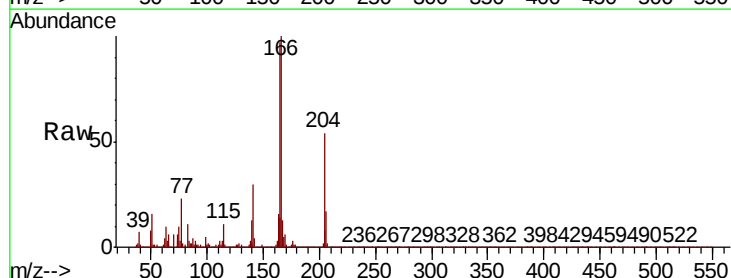
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

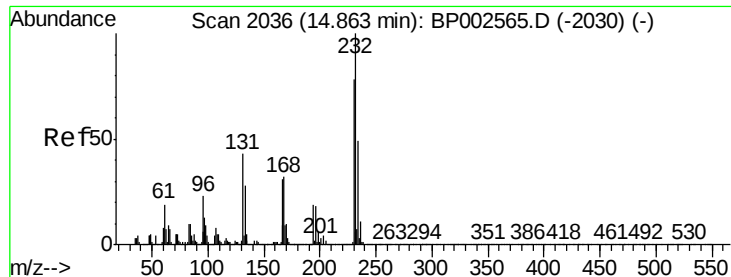
Tot Ion:165 Resp: 525946
Ion Ratio Lower Upper
165 100
63 43.7 37.3 55.9
89 71.7 59.4 89.0
182 2.9 2.2 3.2



#58
Fluorene
Concen: 40.036 ng
RT: 15.28 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion:166 Resp: 1543828
Ion Ratio Lower Upper
166 100
165 96.7 79.1 118.7
167 13.3 10.8 16.2

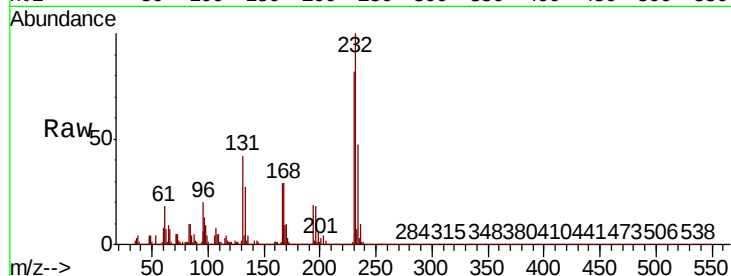




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.713 ng
RT: 14.86 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.0	34.4	51.6
130	2.2	1.8	2.6
166	29.9	24.5	36.7

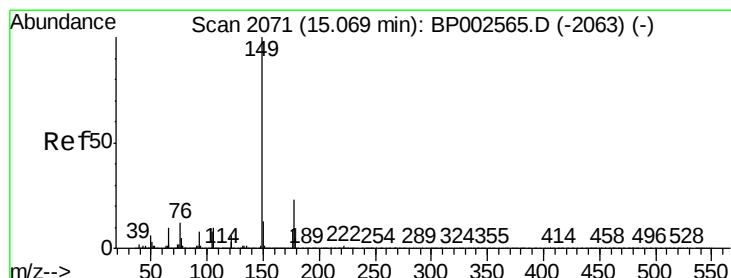
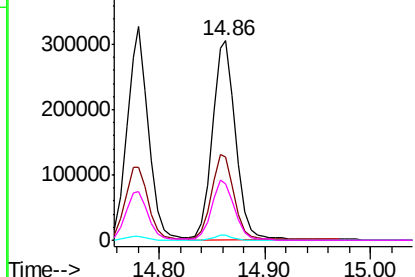
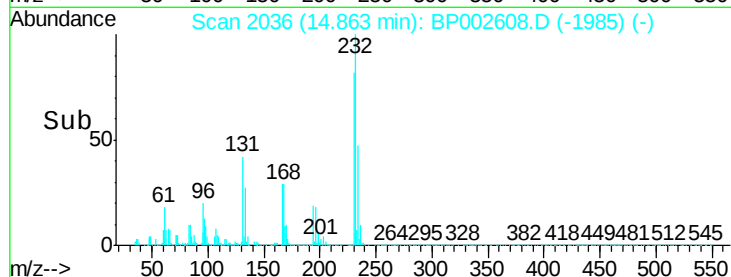


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

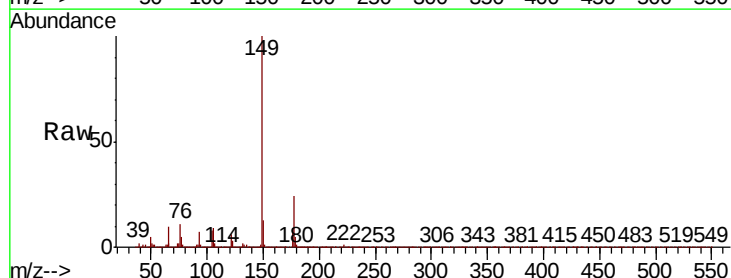
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.739 ng
RT: 15.07 min Scan# 2071
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

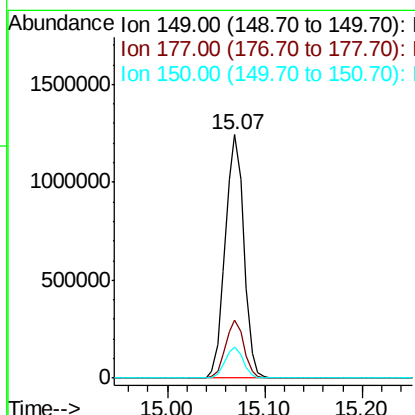
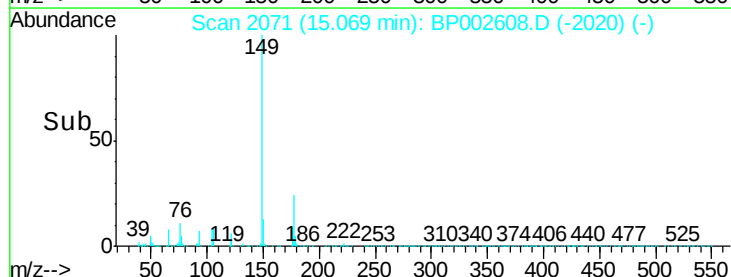
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.6	27.8
150	12.5	10.2	15.2

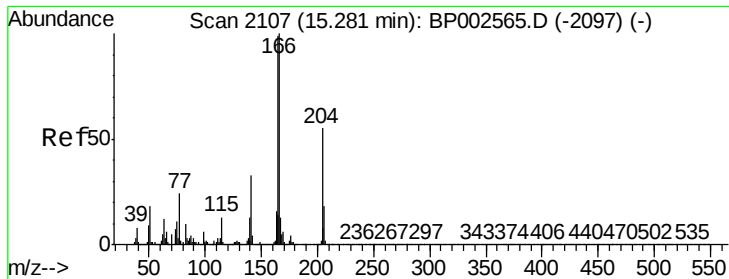


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

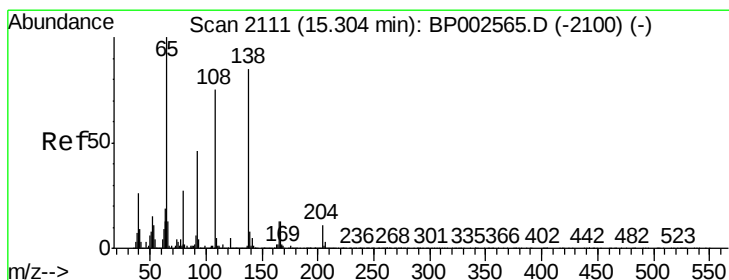
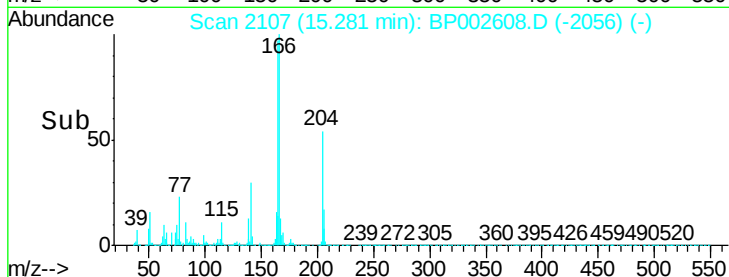
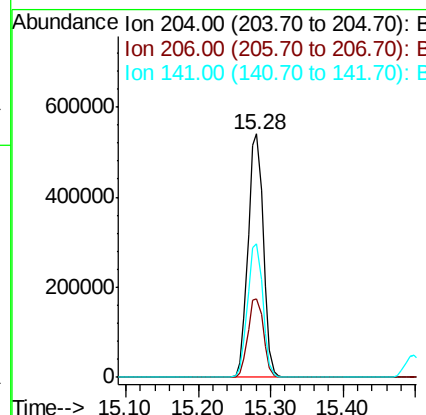
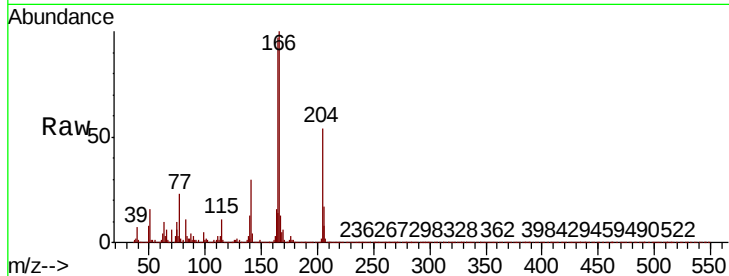




#61
4-Chlorophenyl-phenylether
Concen: 38.334 ng
RT: 15.28 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

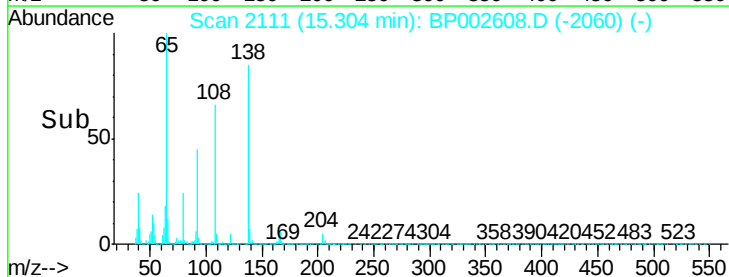
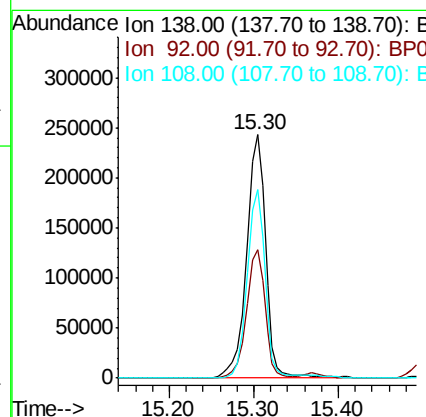
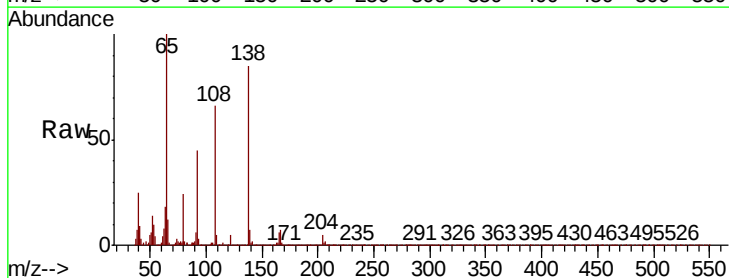
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

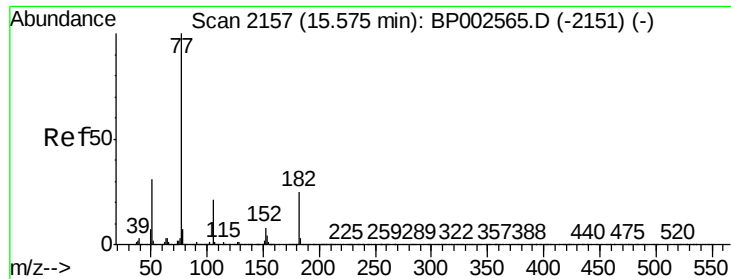
Tot Ion:204 Resp: 792728
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 54.9 47.7 71.5



#62
4-Nitroaniline
Concen: 37.691 ng
RT: 15.30 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion:138 Resp: 380213
Ion Ratio Lower Upper
138 100
92 52.8 33.9 73.9
108 77.4 67.8 107.8





#63

Azobenzene

Concen: 43.547 ng

RT: 15.57 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUMMSD

Tot Ion: 77 Resp: 1797021

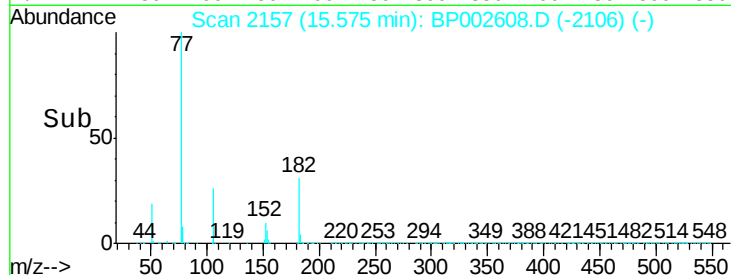
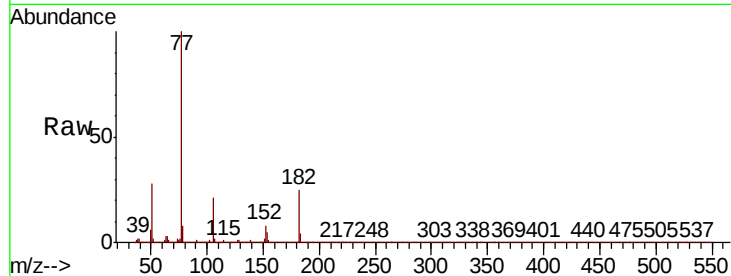
Ion	Ratio	Lower	Upper
77	100		
182	25.4	4.7	44.7
105	21.4	0.6	40.6
51	27.9	11.2	51.2

Abundance Ion 77.00 (76.70 to 77.70): BP0

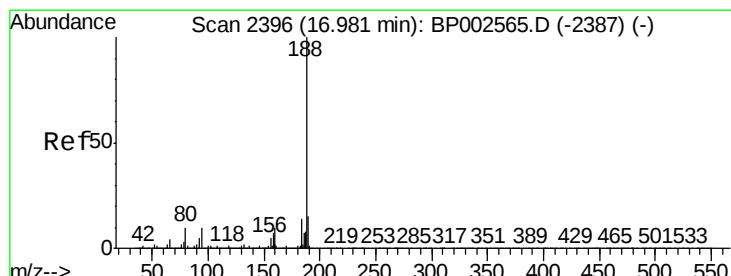
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.98 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

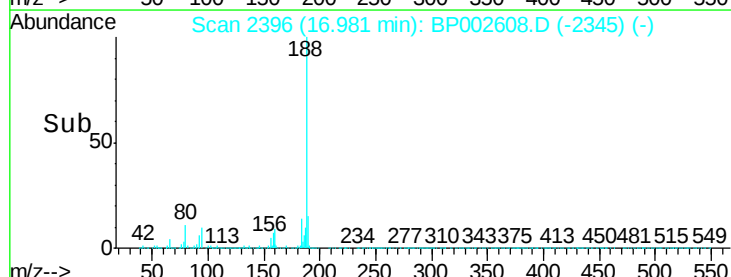
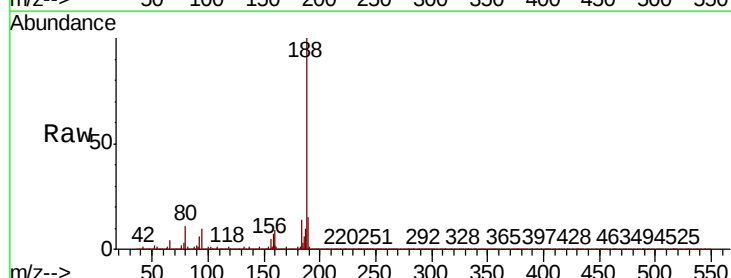
Tgt Ion:188 Resp: 1010786

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.8	11.6
80	10.7	8.2	12.4

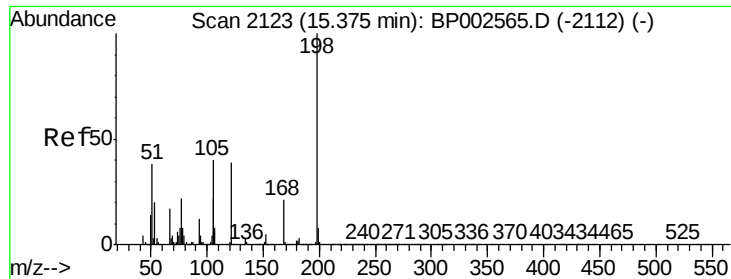
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 46.905 ng

RT: 15.37 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUMMSD

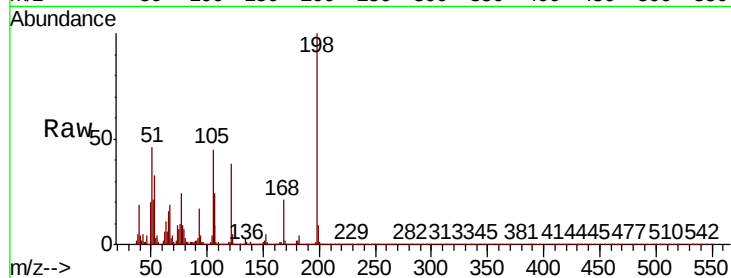
Tot Ion:198 Resp: 304729

Ion Ratio Lower Upper

198 100

51 46.2 24.2 64.2

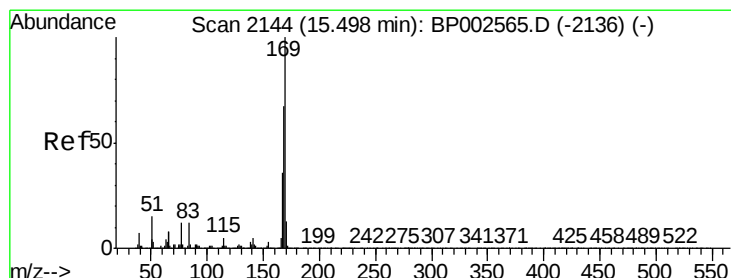
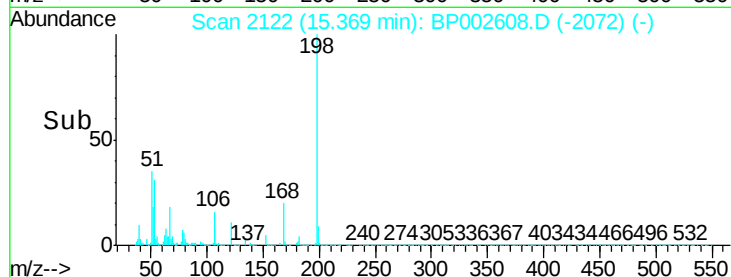
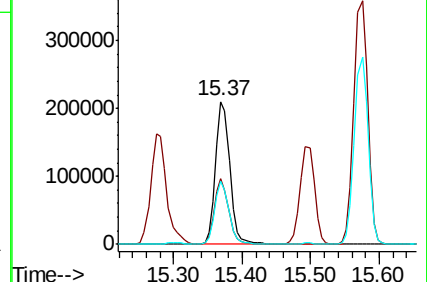
105 44.5 20.7 60.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.839 ng

RT: 15.50 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

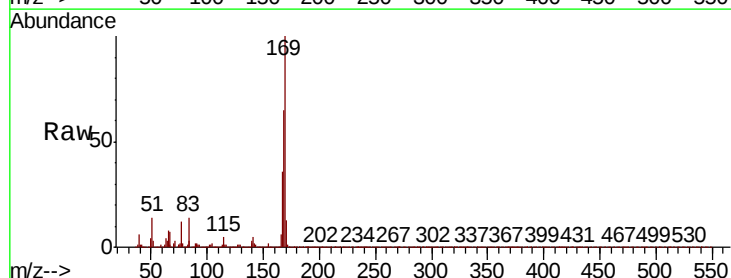
Tgt Ion:169 Resp: 1470619

Ion Ratio Lower Upper

169 100

168 65.4 53.5 80.3

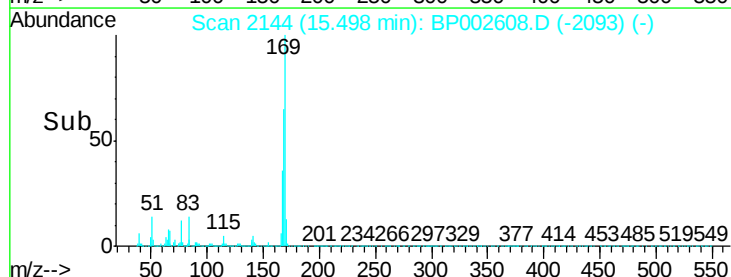
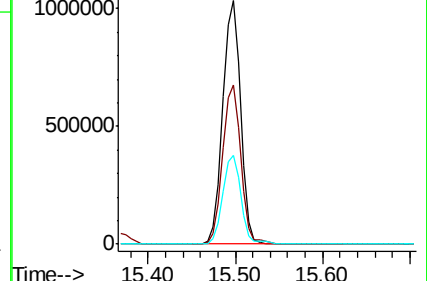
167 36.4 29.1 43.7

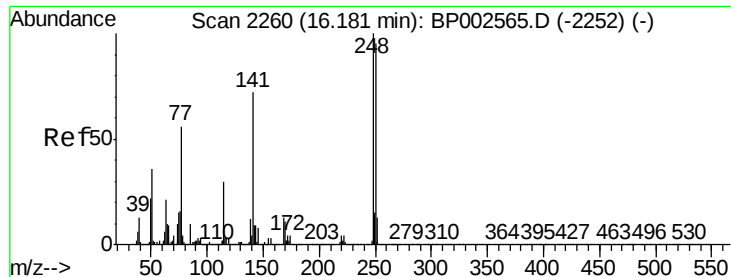


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

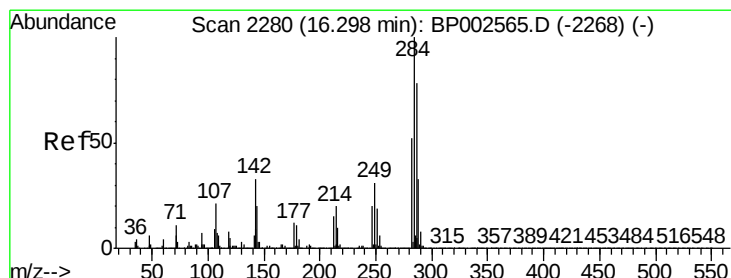
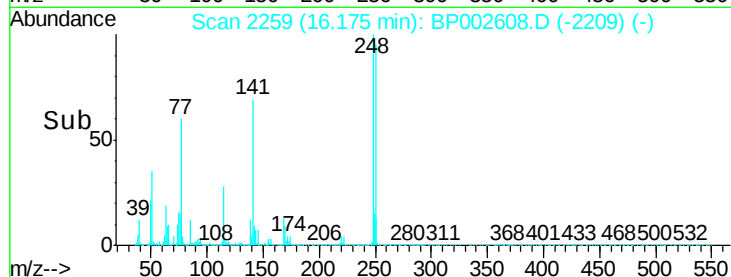
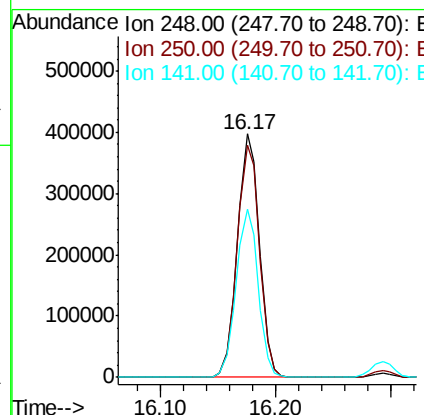
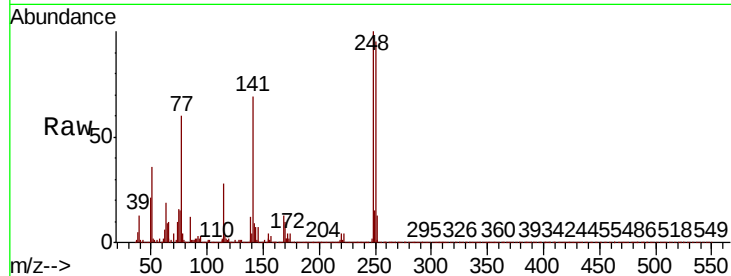




#67
4-Bromophenyl-phenylether
Concen: 46.126 ng
RT: 16.17 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

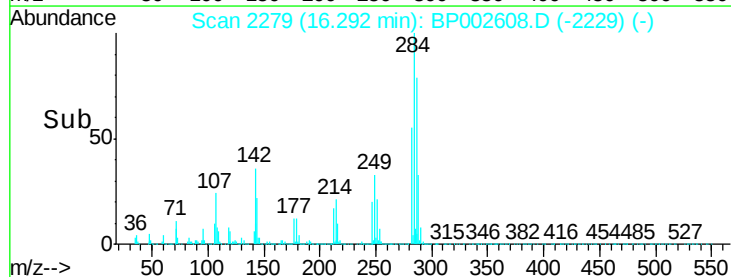
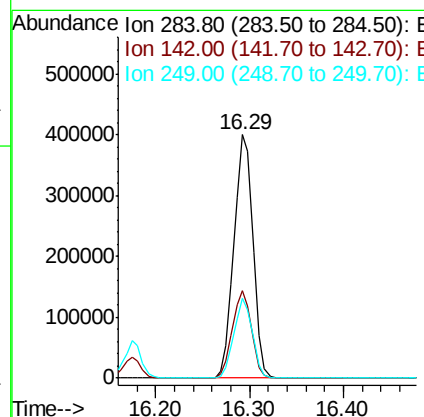
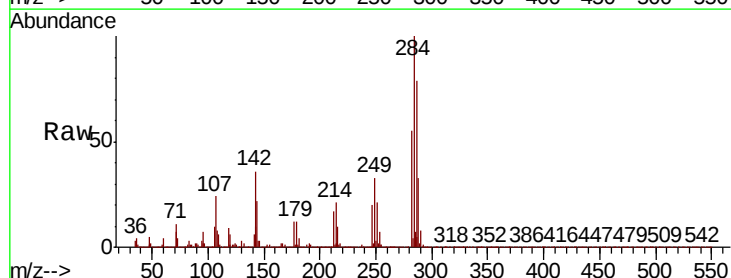
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

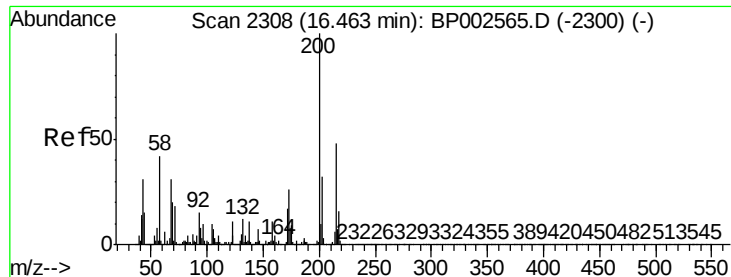
Tot Ion:248 Resp: 523934
Ion Ratio Lower Upper
248 100
250 95.2 76.1 114.1
141 69.1 57.8 86.6



#68
Hexachlorobenzene
Concen: 46.155 ng
RT: 16.29 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion:284 Resp: 561648
Ion Ratio Lower Upper
284 100
142 35.7 26.6 40.0
249 32.7 25.1 37.7

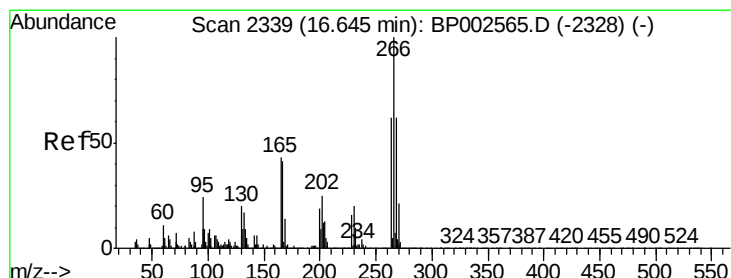
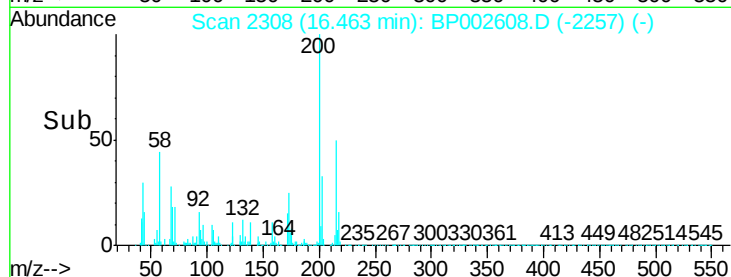
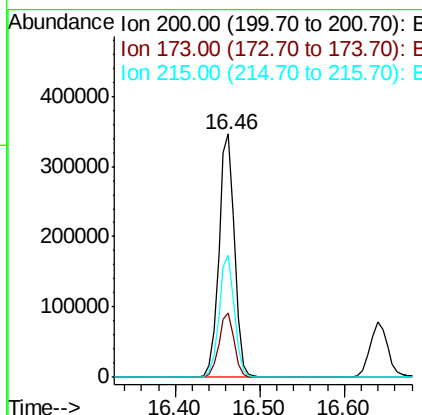
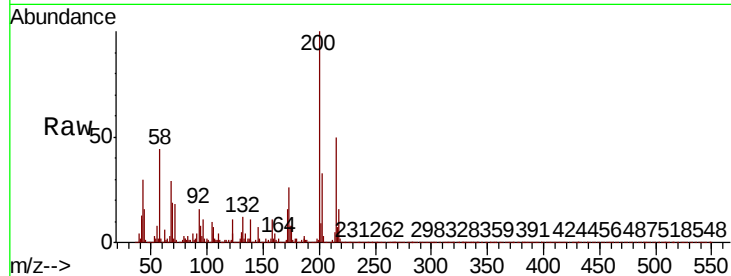




#69
Atrazine
Concen: 47.570 ng
RT: 16.46 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

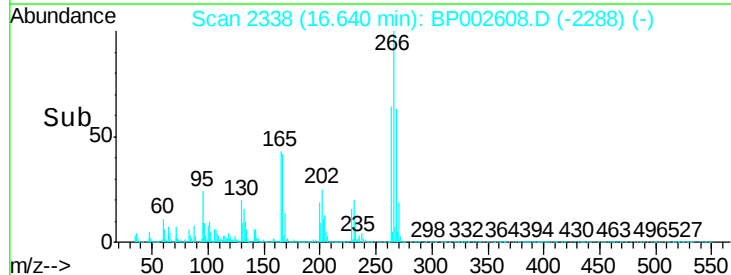
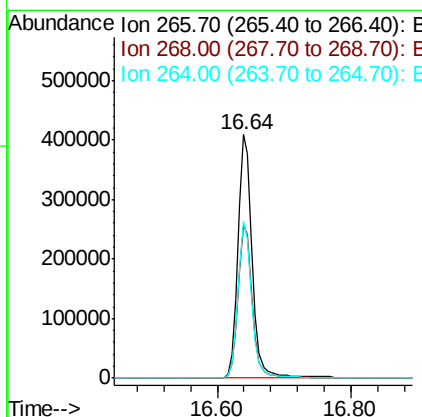
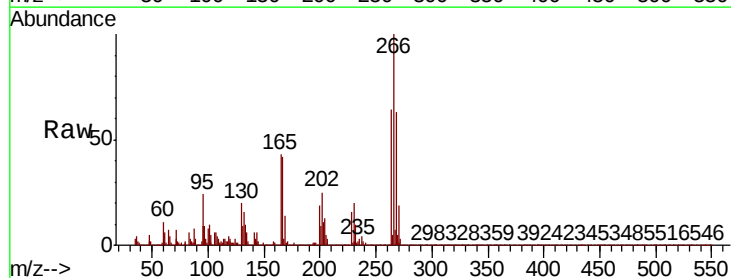
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

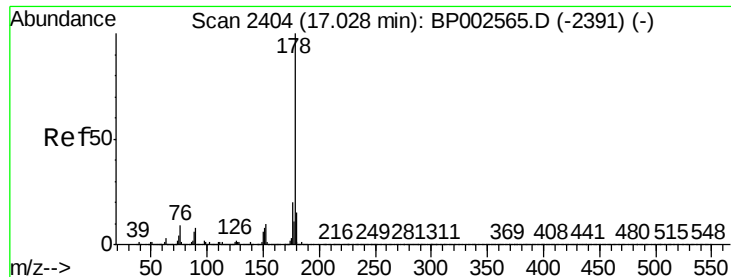
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.3	46.3
215	49.9	28.3	68.3



#70
Pentachlorophenol
Concen: 87.909 ng
RT: 16.64 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	49.7	74.5
264	64.1	49.3	73.9





#71

Phenanthrene

Concen: 45.670 ng

RT: 17.02 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Instrument :

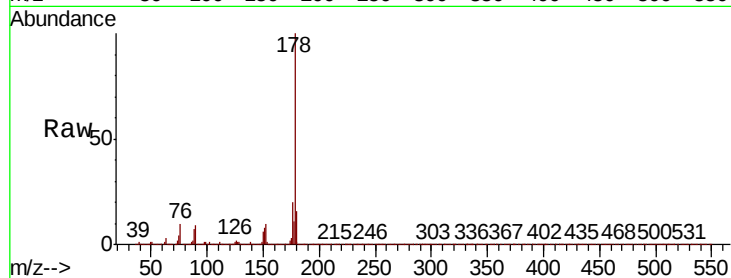
BNA_P

ClientSampleId :

MUDDY-DRUMMSD

Tot Ion:178 Resp: 2483730

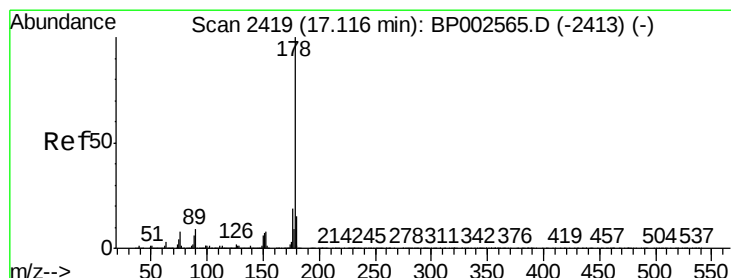
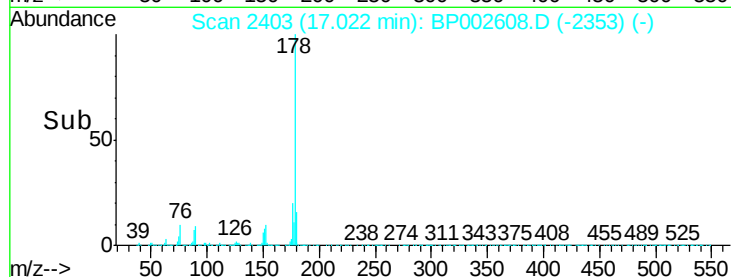
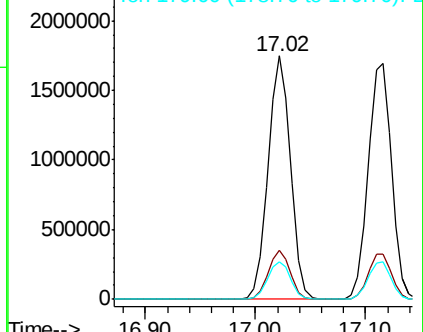
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.6	23.4
179	15.6	12.1	18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.766 ng

RT: 17.12 min Scan# 2419

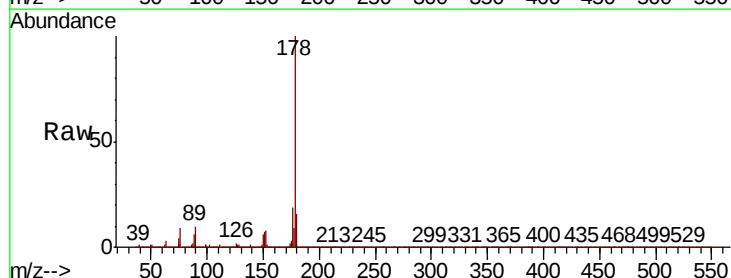
Delta R.T. 0.00 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Tgt Ion:178 Resp: 2530874

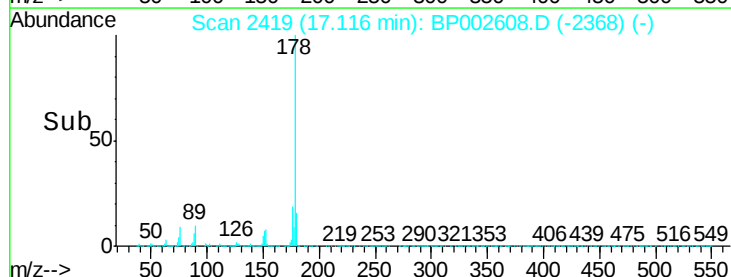
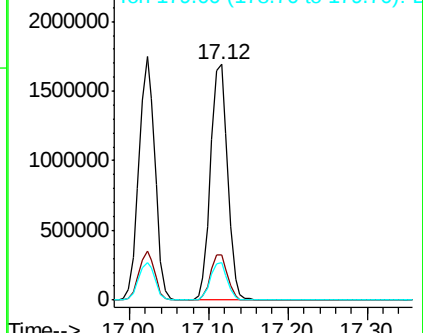
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	15.8	12.2	18.2

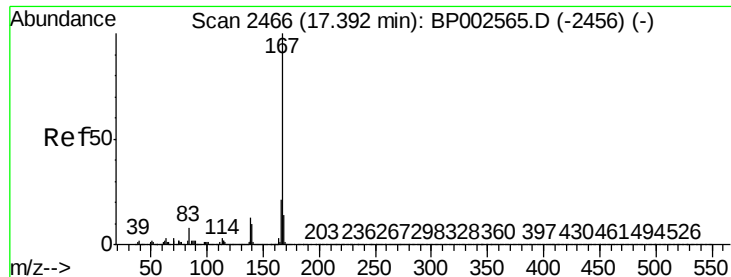


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



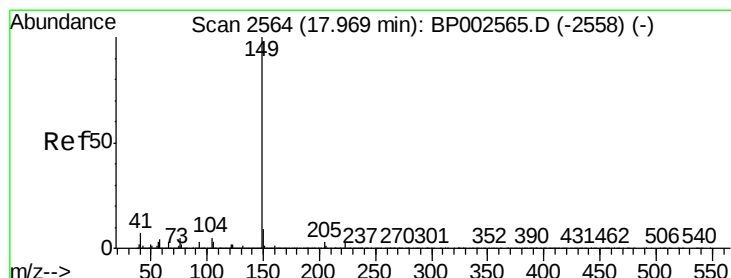
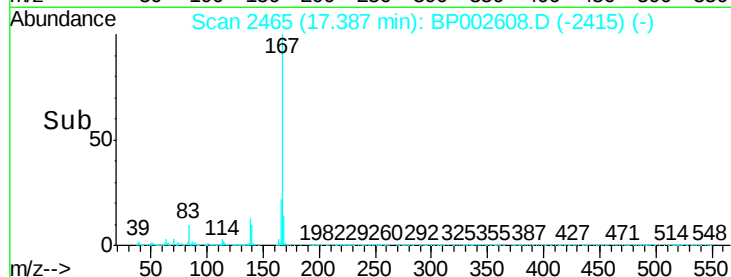
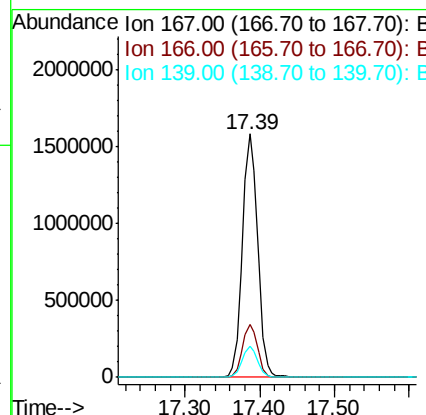
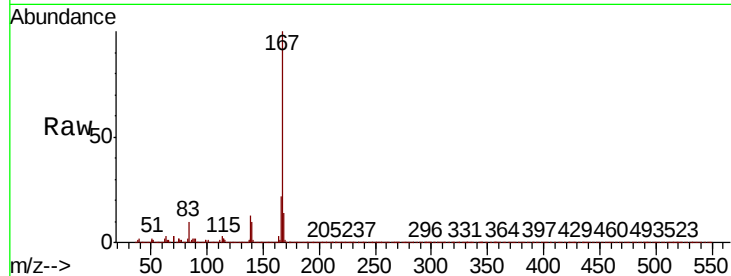


#73
 Carbazole
 Concen: 43.080 ng
 RT: 17.39 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BP002608.D
 Acq: 01 Jul 2020 17:23

Instrument :
 BNA_P
 ClientSampleId :
 MUDDY-DRUMMSD

Tot Ion:167 Resp: 2253182

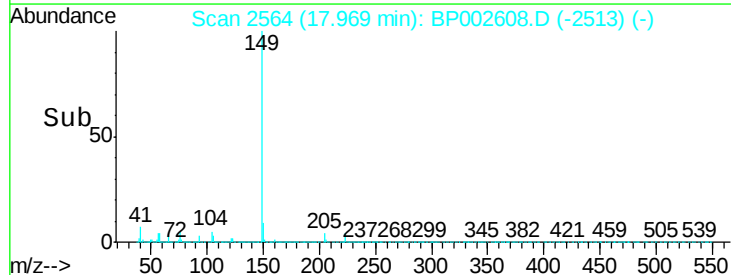
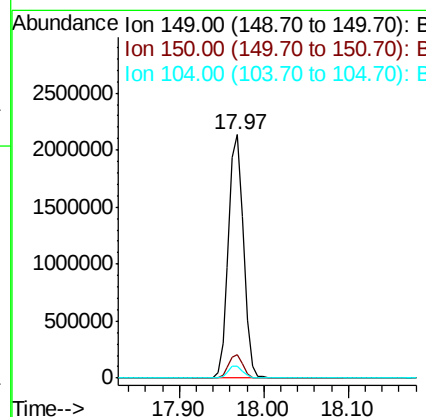
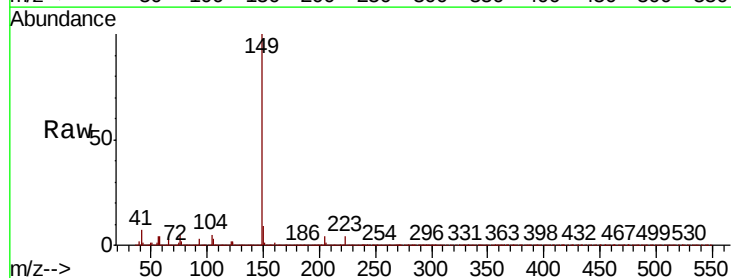
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	12.8	10.5	15.7

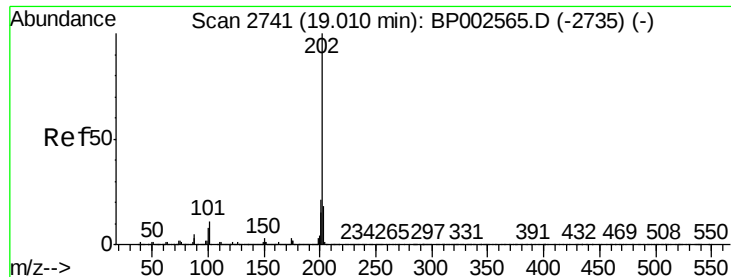


#74
 Di-n-butylphthalate
 Concen: 42.872 ng
 RT: 17.97 min Scan# 2564
 Delta R.T. 0.00 min
 Lab File: BP002608.D
 Acq: 01 Jul 2020 17:23

Tgt Ion:149 Resp: 2640713

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 41.480 ng

RT: 19.00 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Instrument :

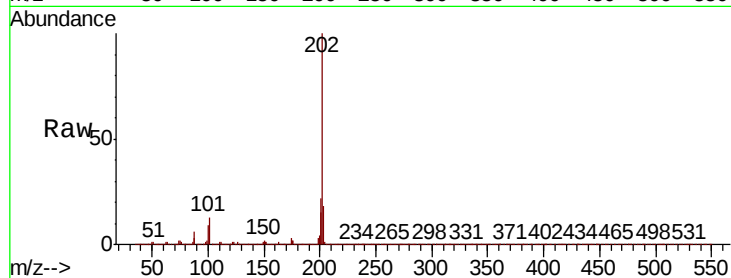
BNA_P

ClientSampleId :

MUDDY-DRUMMSD

Tot Ion:202 Resp: 2730600

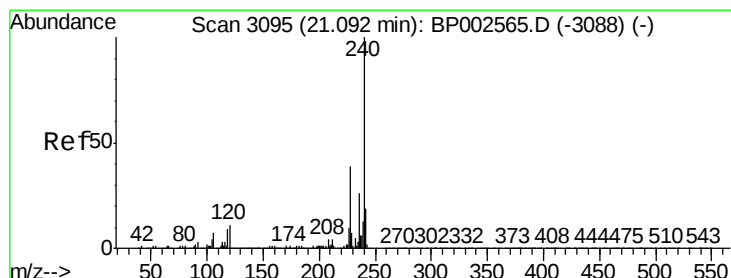
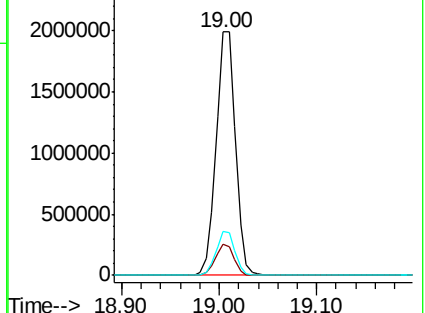
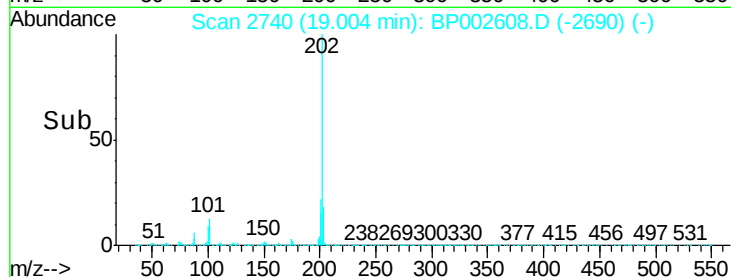
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	30.6
203	18.1	0.0	37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

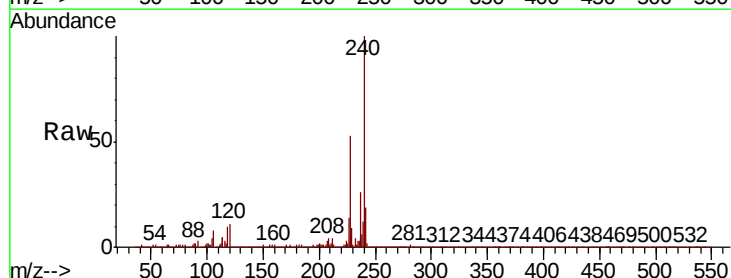
Delta R.T. -0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Tgt Ion:240 Resp: 748057

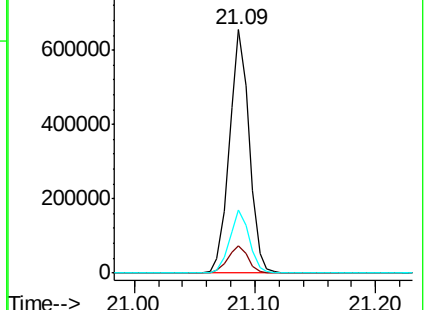
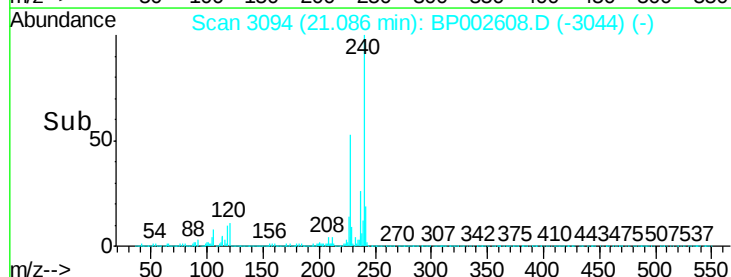
Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.6	13.0
236	26.1	20.8	31.2

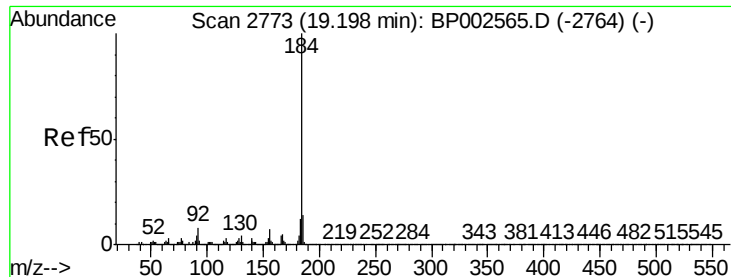


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 19.19 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Instrument :

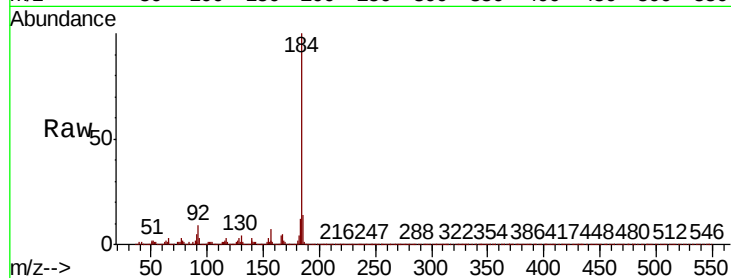
BNA_P

ClientSampleId :

MUDDY-DRUMMSD

Tot Ion:184 Resp: 1279510

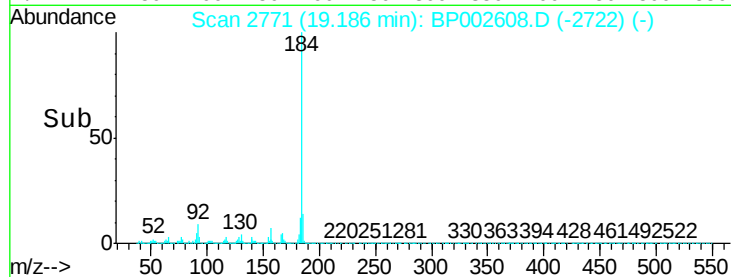
Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.4	17.2
183	11.6	9.2	13.8



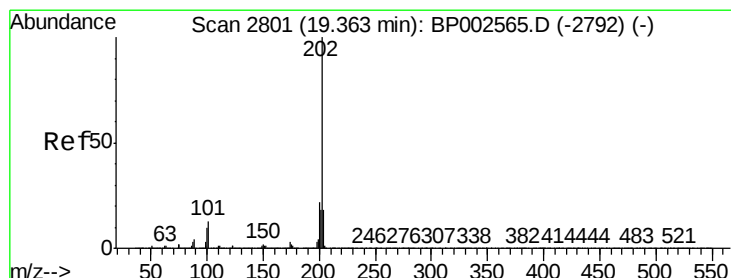
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 53.000 ng

RT: 19.36 min Scan# 2800

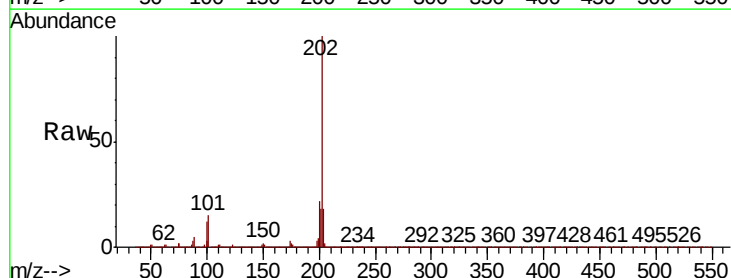
Delta R.T. -0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Tgt Ion:202 Resp: 2698669

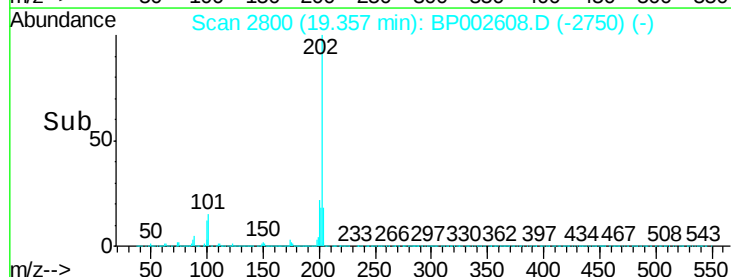
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	18.5	14.4	21.6



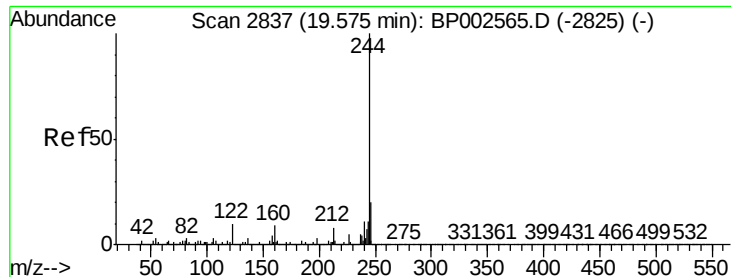
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 92.804 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUMMSD

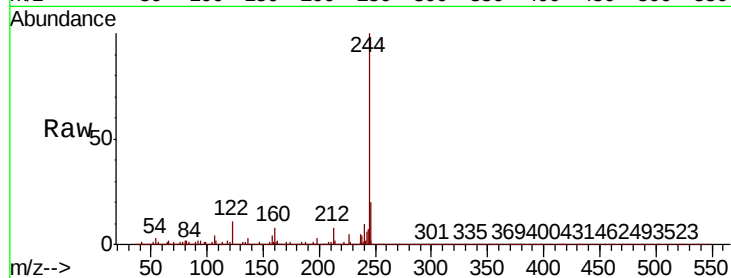
Tot Ion:244 Resp: 3216272

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

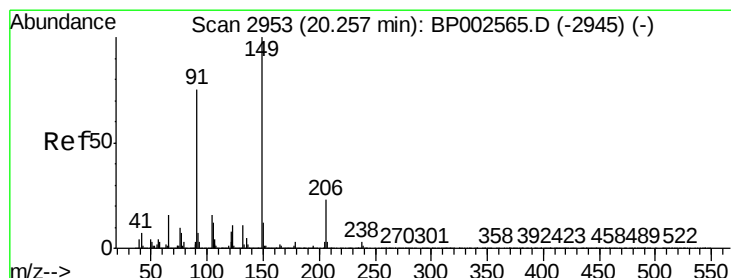
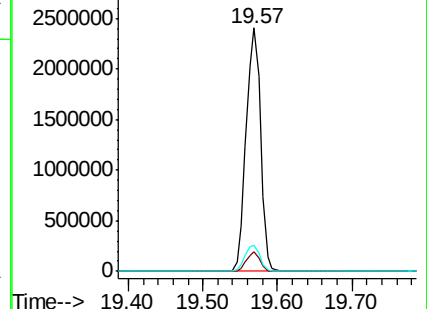
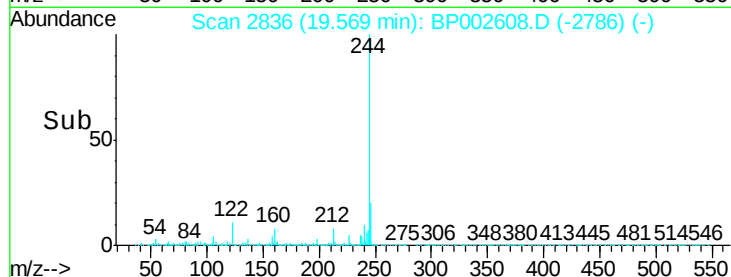
122 10.8 7.9 11.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.886 ng

RT: 20.25 min Scan# 2952

Delta R.T. -0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

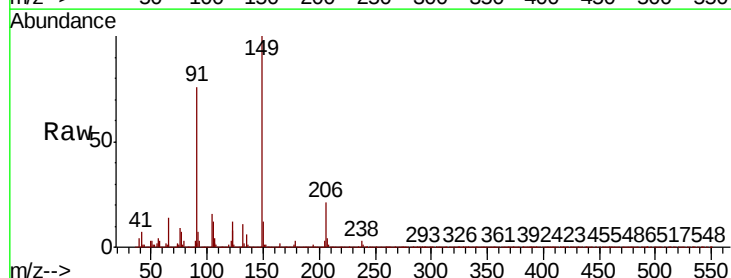
Tgt Ion:149 Resp: 1042232

Ion Ratio Lower Upper

149 100

91 76.1 59.8 89.6

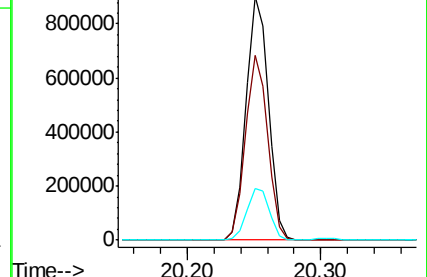
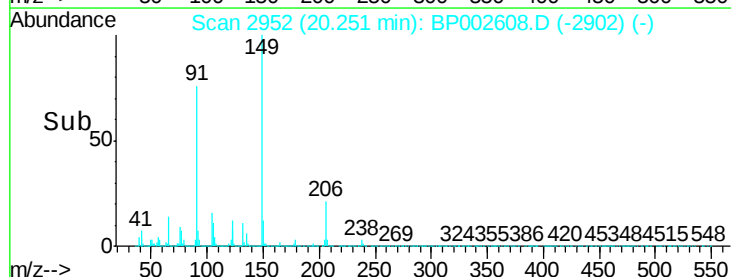
206 21.4 18.2 27.4

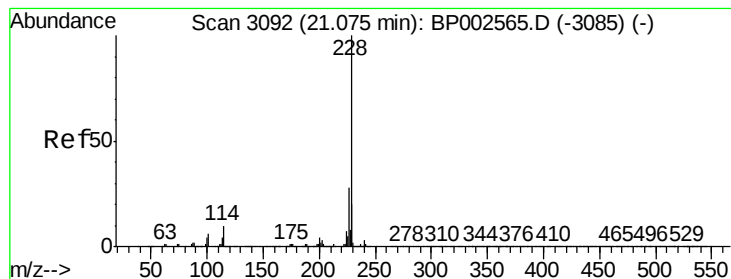


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.971 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Instrument :

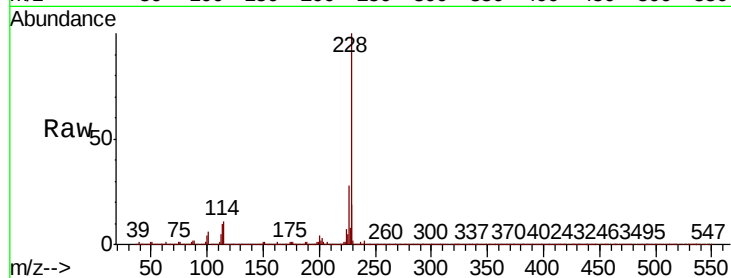
BNA_P

ClientSampleId :

MUDDY-DRUMMSD

Tot Ion:228 Resp: 2248225

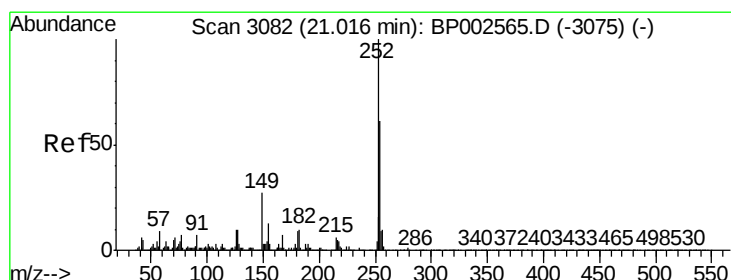
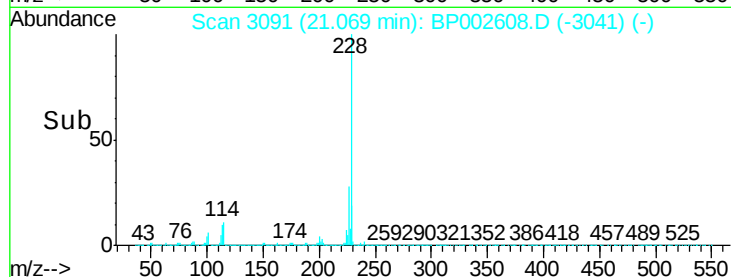
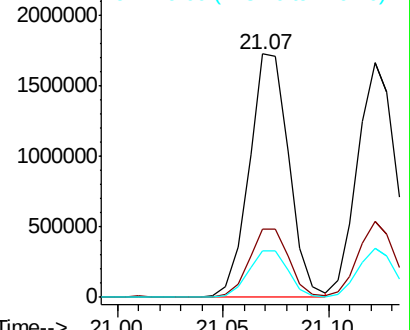
Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	19.2	16.4	24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.011 ng

RT: 21.01 min Scan# 3081

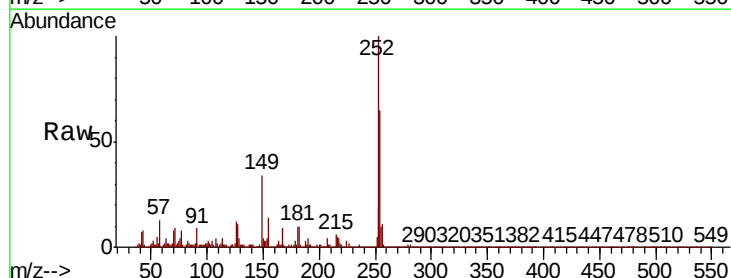
Delta R.T. -0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Tgt Ion:252 Resp: 519429

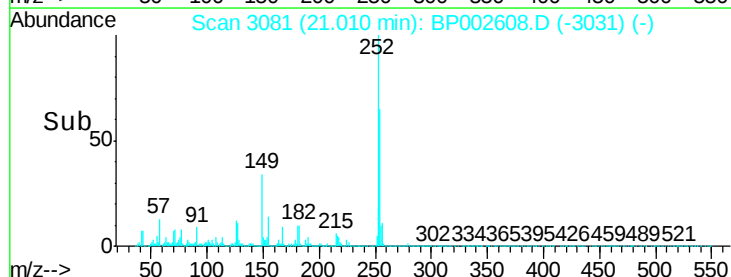
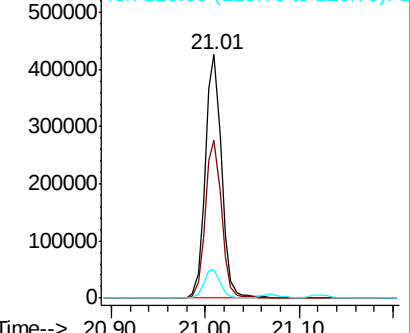
Ion	Ratio	Lower	Upper
252	100		
254	64.9	49.0	73.6
126	11.7	7.9	11.9

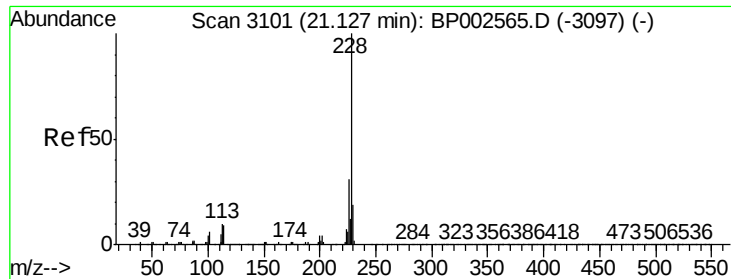


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

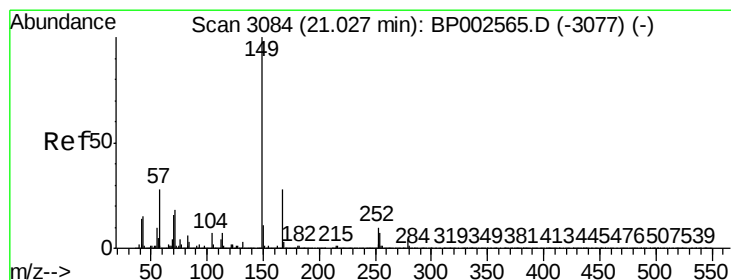
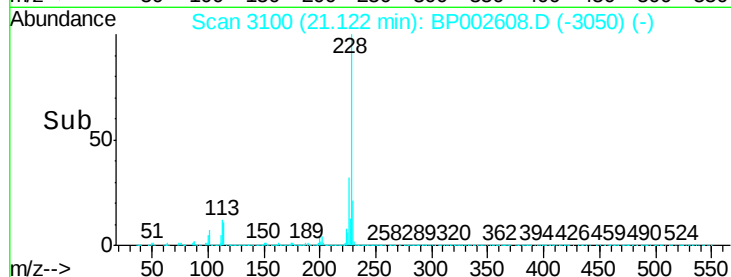
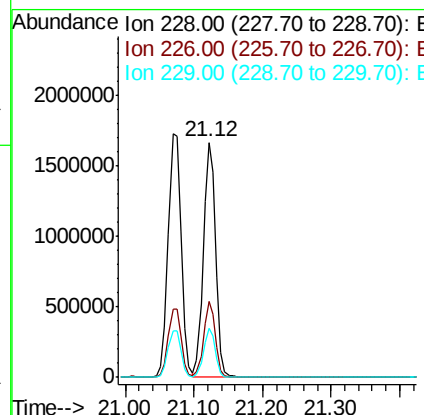
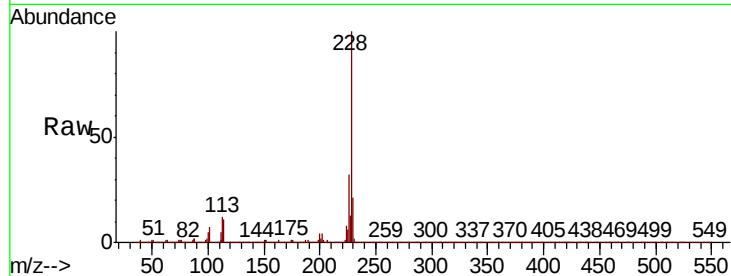




#83
 Chrysene
 Concen: 45.000 ng
 RT: 21.12 min Scan# 3100
 Delta R.T. -0.01 min
 Lab File: BP002608.D
 Acq: 01 Jul 2020 17:23

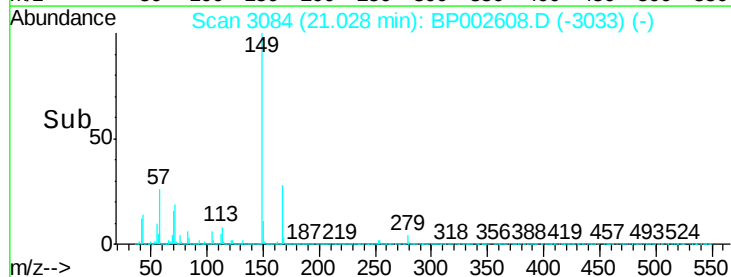
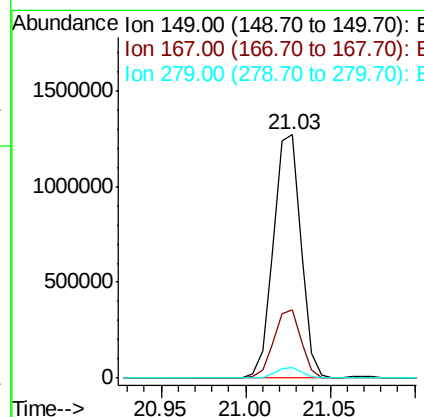
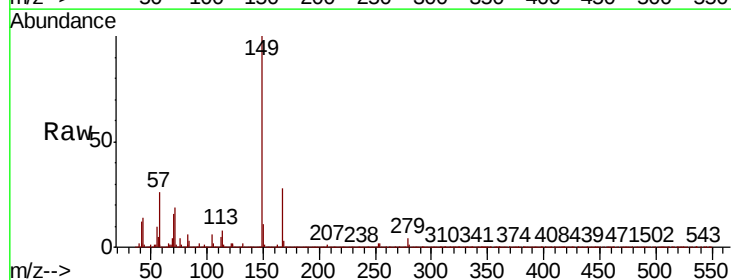
Instrument :
 BNA_P
 ClientSampleId :
 MUDDY-DRUMMSD

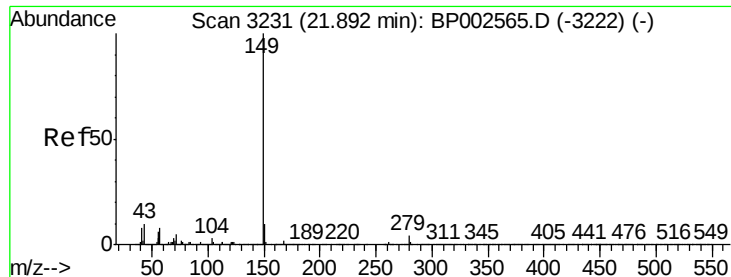
Tot Ion:228 Resp: 2110321
 Ion Ratio Lower Upper
 228 100
 226 32.5 24.6 37.0
 229 21.0 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.009 ng
 RT: 21.03 min Scan# 3084
 Delta R.T. 0.00 min
 Lab File: BP002608.D
 Acq: 01 Jul 2020 17:23

Tgt Ion:149 Resp: 1436705
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.1 33.1
 279 4.5 3.4 5.0

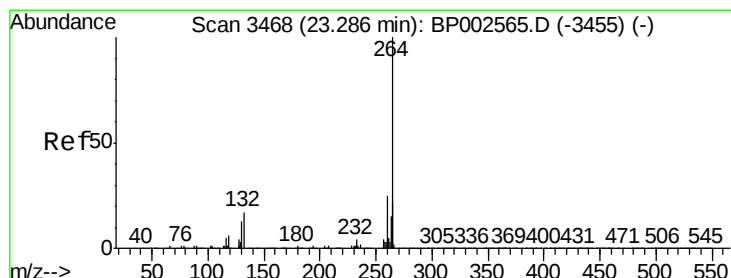
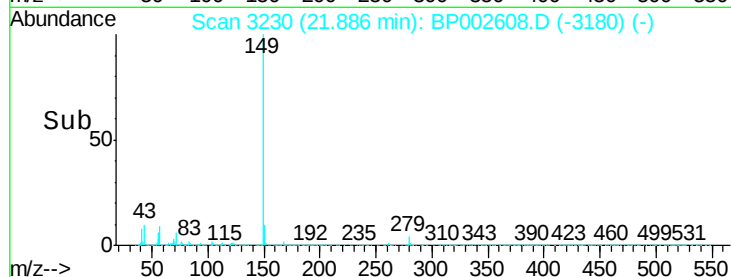
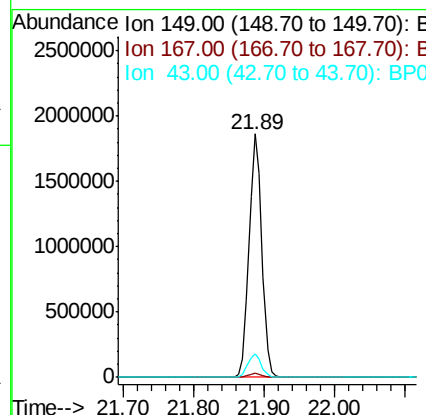
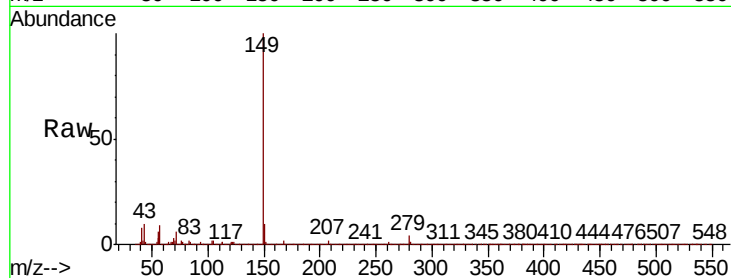




#85
Di-n-octyl phthalate
Concen: 41.427 ng
RT: 21.89 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

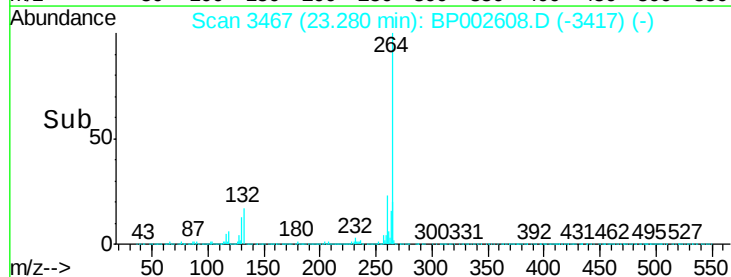
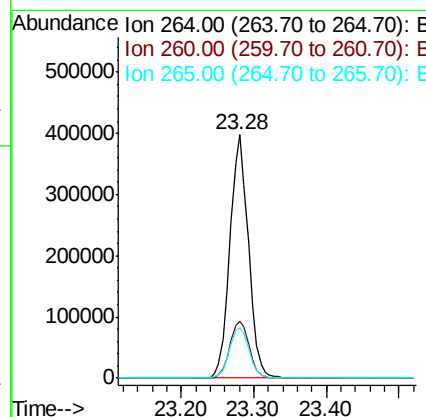
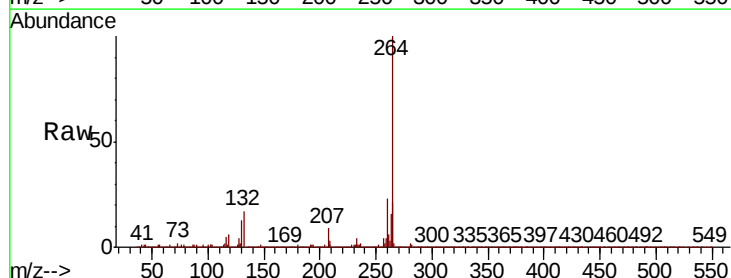
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

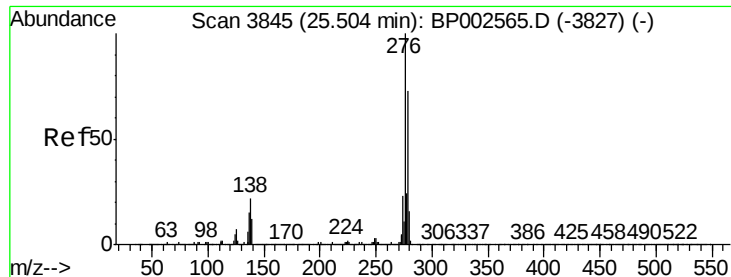
Tot Ion:149 Resp: 2335619
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion:264 Resp: 706493
Ion Ratio Lower Upper
264 100
260 23.0 19.7 29.5
265 20.5 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.541 ng

RT: 25.50 min Scan# 3844

Delta R.T. -0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Instrument :

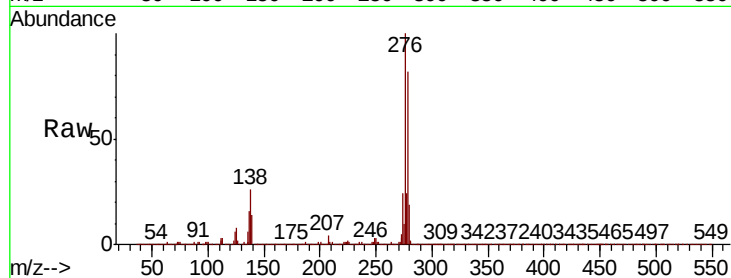
BNA_P

ClientSampleId :

MUDDY-DRUMMSD

Tot Ion:276 Resp: 2774455

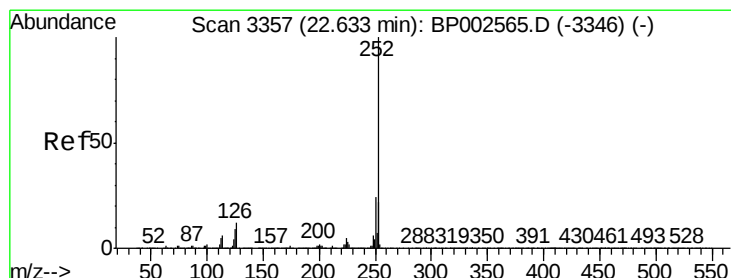
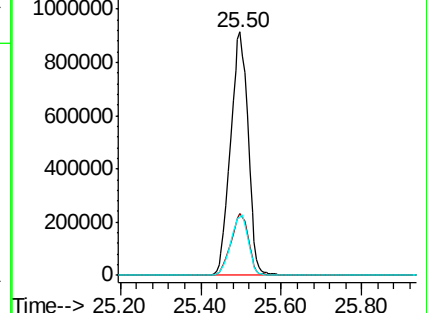
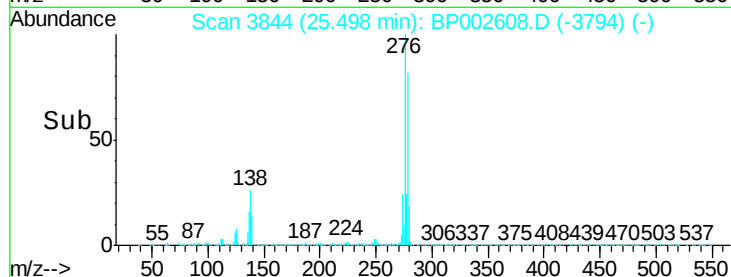
Ion	Ratio	Lower	Upper
276	100		
138	25.2	18.6	27.8
277	24.6	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 49.349 ng

RT: 22.63 min Scan# 3356

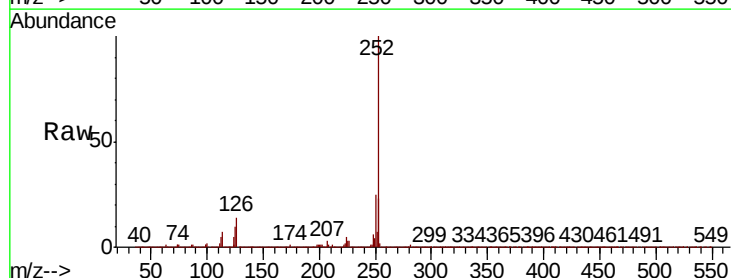
Delta R.T. -0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Tgt Ion:252 Resp: 2224674

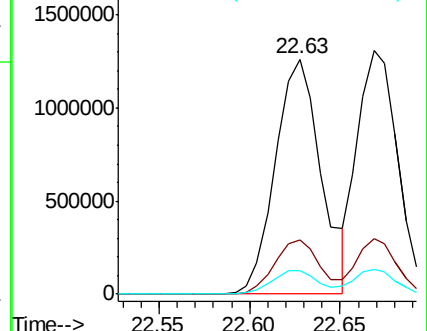
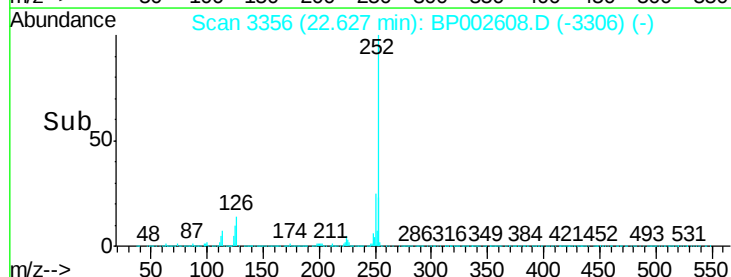
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	10.1	7.4	11.2

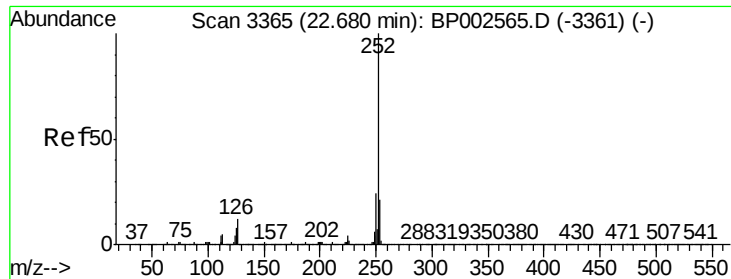


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

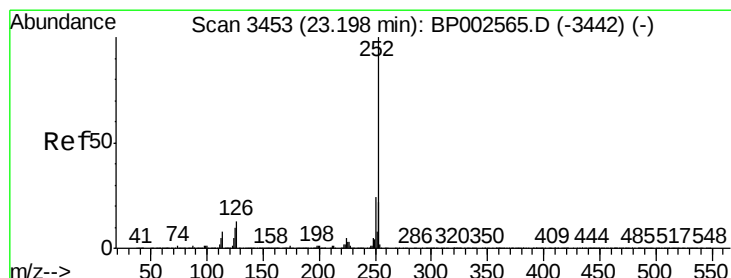
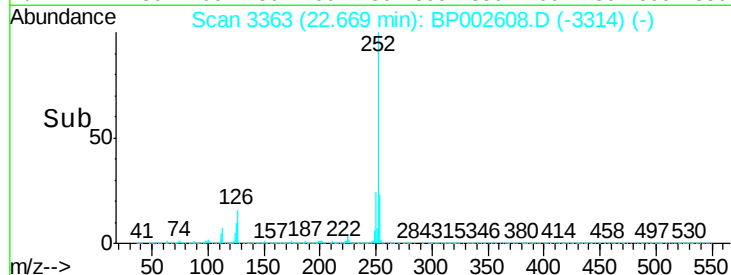
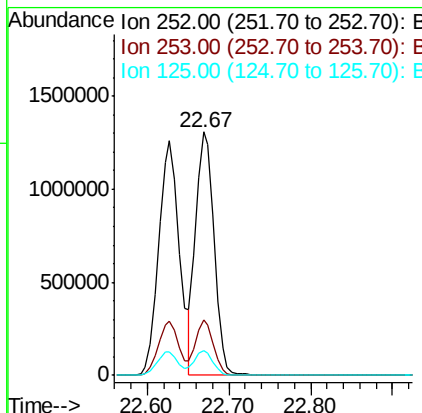
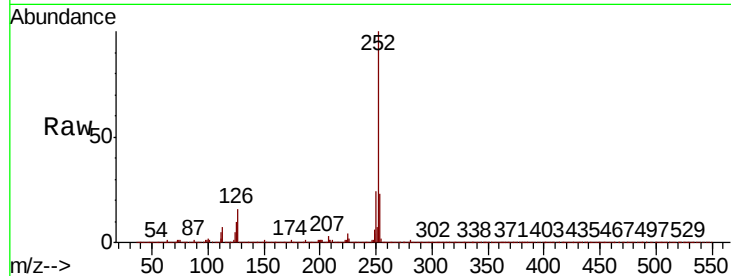




#89
Benzo(k)fluoranthene
Concen: 48.377 ng
RT: 22.67 min Scan# 3363
Delta R.T. -0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

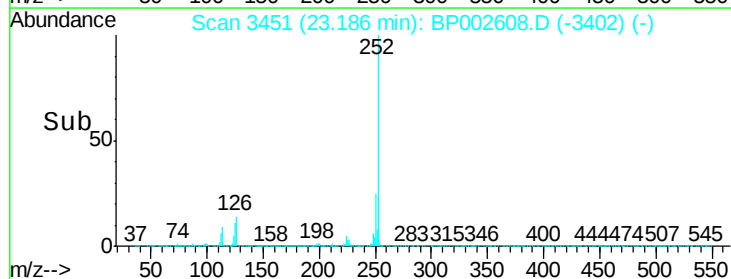
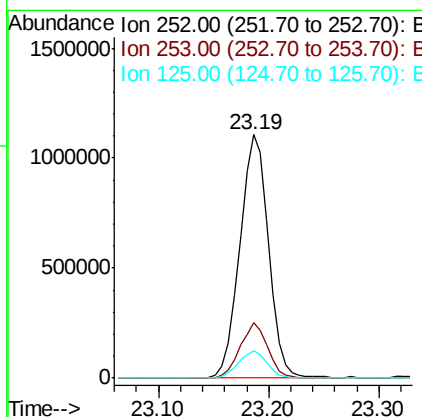
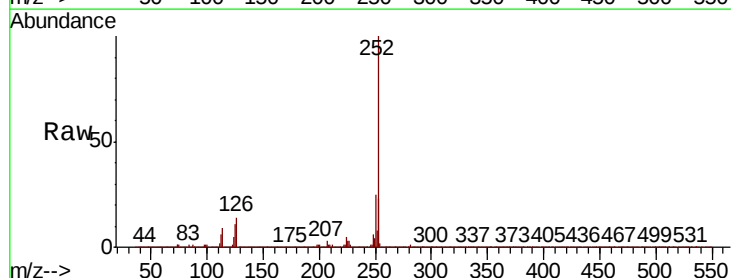
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMSD

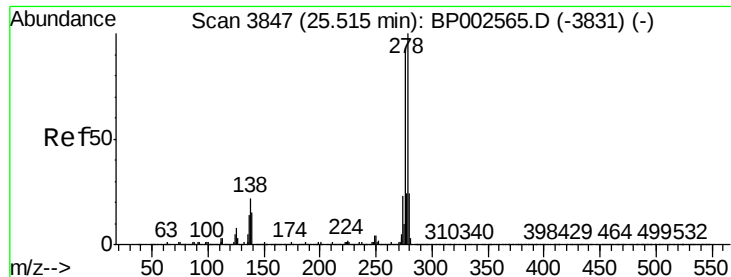
Tot Ion:252 Resp: 2034530
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 10.2 6.9 10.3



#90
Benzo(a)pyrene
Concen: 48.776 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BP002608.D
Acq: 01 Jul 2020 17:23

Tgt Ion:252 Resp: 2017824
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 11.1 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 54.792 ng

RT: 25.51 min Scan# 3846

Delta R.T. -0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Instrument :

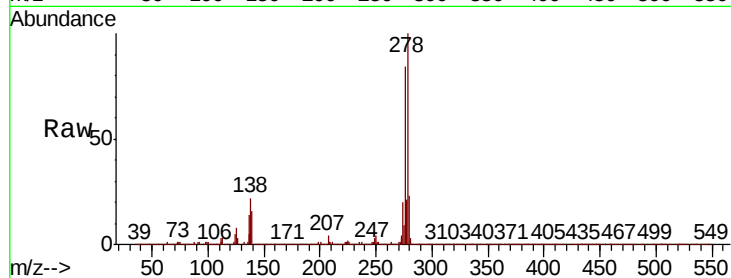
BNA_P

ClientSampleId :

MUDDY-DRUMMSD

Tot Ion:278 Resp: 2277519

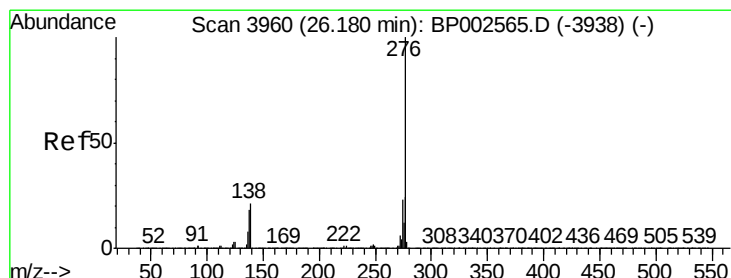
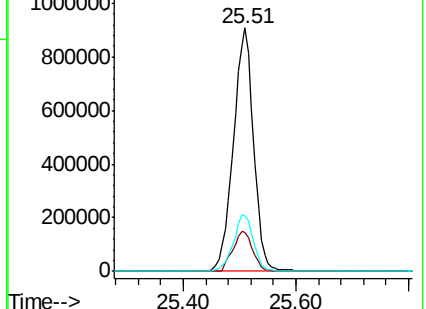
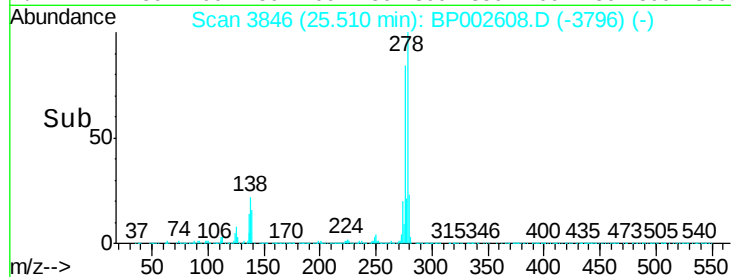
Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.2	18.2
279	22.7	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 55.805 ng

RT: 26.17 min Scan# 3958

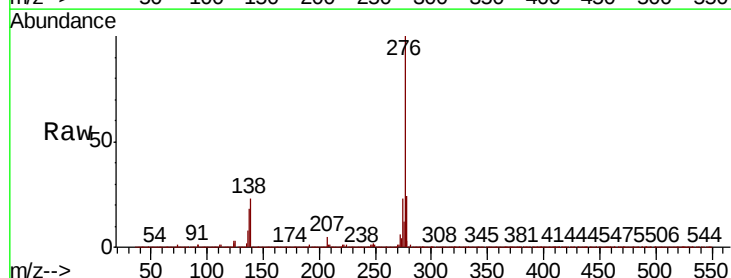
Delta R.T. -0.01 min

Lab File: BP002608.D

Acq: 01 Jul 2020 17:23

Tgt Ion:276 Resp: 2319882

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	22.7	16.9	25.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

