

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
 Data File : BP002607.D
 Acq On : 01 Jul 2020 16:49
 Operator : CG/JU
 Sample : L3160-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MUDDY-DRUMMS

Quant Time: Jul 01 18:23:03 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	273003	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1036172	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	589044	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1137035	20.00	ng	0.00
76) Chrysene-d12	21.09	240	867961	20.00	ng	0.00
86) Perylene-d12	23.28	264	745865	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1944201	120.58	ng	0.00
7) Phenol-d6	6.77	99	2546045	113.13	ng	0.00
23) Nitrobenzene-d5	8.72	82	1622820	80.70	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	716768	100.05	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	3016687	75.38	ng	0.00
79) Terphenyl-d14	19.57	244	3583865	89.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	310339	44.906	ng	99
3) Pyridine	3.52	79	896896	43.789	ng	99
4) n-Nitrosodimethylamine	3.45	42	403024	46.354	ng	88
6) Aniline	6.90	93	1064962	37.668	ng	98
8) 2-Chlorophenol	7.15	128	882072	49.247	ng	97
9) Benzaldehyde	6.72	77	370568	29.755	ng	98
10) Phenol	6.80	94	1150706	50.702	ng	94
11) bis(2-Chloroethyl)ether	7.00	93	889190	47.736	ng	99
12) 1,3-Dichlorobenzene	7.46	146	937685	45.368	ng	99
13) 1,4-Dichlorobenzene	7.60	146	948902	45.065	ng	100
14) 1,2-Dichlorobenzene	7.92	146	882185	43.525	ng	99
15) Benzyl Alcohol	7.82	79	757240	44.779	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.11	45	1218419	46.947	ng	99
17) 2-Methylphenol	8.03	107	720242	42.398	ng	98
18) Hexachloroethane	8.64	117	351897	46.305	ng	96
19) n-Nitroso-di-n-propylamine	8.38	70	618193	41.866	ng	97
20) 3+4-Methylphenols	8.36	107	968547	42.290	ng	98
22) Acetophenone	8.39	105	1171316	44.662	ng	98
24) Nitrobenzene	8.76	77	983086	46.185	ng	100
25) Isophorone	9.28	82	1772363	43.973	ng	98
26) 2-Nitrophenol	9.46	139	477850	49.223	ng	97
27) 2,4-Dimethylphenol	9.55	122	748930	50.913	ng	98
28) bis(2-Chloroethoxy)methane	9.77	93	1125066	48.593	ng	99
29) 2,4-Dichlorophenol	10.00	162	796677	46.993	ng	98
30) 1,2,4-Trichlorobenzene	10.21	180	848294	44.446	ng	98
31) Naphthalene	10.39	128	3423502	62.413	ng	99
32) Benzoic acid	9.73	122	448056	40.452	ng	96
33) 4-Chloroaniline	10.50	127	375625	15.655	ng	99
34) Hexachlorobutadiene	10.69	225	487219	41.706	ng	98
35) Caprolactam	11.28	113	164924	28.940	ng	94
36) 4-Chloro-3-methylphenol	11.66	107	819266	44.091	ng	99
37) 2-Methylnaphthalene	12.02	142	1755721	43.899	ng	99
38) 1-Methylnaphthalene	12.24	142	1637887	43.483	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	811146	44.101	ng	99

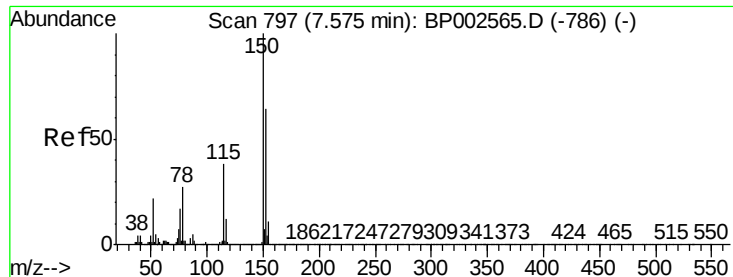
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	919383	94.892	nq	97
43) 2,4,6-Trichlorophenol	12.65	196	588236	47.266	nq	99
44) 2,4,5-Trichlorophenol	12.72	196	626169	43.707	nq	98
46) 1,1'-Biphenyl	13.05	154	2005346	45.006	nq	99
47) 2-Chloronaphthalene	13.08	162	1598420	44.070	nq	97
48) 2-Nitroaniline	13.29	65	523429	45.236	nq	95
49) Acenaphthylene	13.94	152	2513827	44.039	nq	98
50) Dimethylphthalate	13.69	163	2325731	50.270	nq	100
51) 2,6-Dinitrotoluene	13.80	165	443919	44.428	nq	93
52) Acenaphthene	14.29	154	1486120	44.127	nq	100
53) 3-Nitroaniline	14.13	138	236798	21.765	nq	98
54) 2,4-Dinitrophenol	14.35	184	488862	78.599	nq	94
55) Dibenzofuran	14.63	168	2307925	42.287	nq	99
56) 4-Nitrophenol	14.47	139	713837	83.020	nq	97
57) 2,4-Dinitrotoluene	14.60	165	578630	43.049	nq	99
58) Fluorene	15.28	166	1634326	39.318	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.86	232	518339	44.788	nq	98
60) Diethylphthalate	15.07	149	1834753	39.882	nq	100
61) 4-Chlorophenyl-phenylether	15.28	204	835206	37.468	nq	97
62) 4-Nitroaniline	15.30	138	423006	38.901	nq	92
63) Azobenzene	15.57	77	1953912	43.925	nq	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	338909	46.405	nq	97
66) n-Nitrosodiphenylamine	15.50	169	1568645	47.259	nq	100
67) 4-Bromophenyl-phenylether	16.17	248	569664	44.584	nq	97
68) Hexachlorobenzene	16.29	284	621614	45.411	nq	97
69) Atrazine	16.46	200	505946	47.504	nq	100
70) Pentachlorophenol	16.65	266	690603	88.004	nq	99
71) Phenanthrene	17.02	178	2714561	44.372	nq	99
72) Anthracene	17.12	178	2774752	45.579	nq	99
73) Carbazole	17.39	167	2520156	42.835	nq	99
74) Di-n-butylphthalate	17.97	149	2973227	42.910	nq	99
75) Fluoranthene	19.01	202	3081705	41.616	nq	97
77) Benzidine	19.19	184	1385170	Below	Cal	99
78) Pyrene	19.36	202	3054165	51.696	nq	99
80) Butylbenzylphthalate	20.25	149	1247713	48.375	nq	98
81) Benzo(a)anthracene	21.07	228	2560491	45.123	nq	99
82) 3,3'-Dichlorobenzidine	21.01	252	554348	26.684	nq	94
83) Chrysene	21.12	228	2450619	45.037	nq	100
84) Bis(2-ethylhexyl)phthalate	21.03	149	1703127	45.985	nq	100
85) Di-n-octyl phthalate	21.89	149	2753112	42.086	nq	100
87) Indeno(1,2,3-cd)pyrene	25.50	276	2595489	48.330	nq	97
88) Benzo(b)fluoranthene	22.63	252	2362242	49.634	nq	98
89) Benzo(k)fluoranthene	22.63	252	2362242	53.204	nq	98
90) Benzo(a)pyrene	23.19	252	2107936	48.265	nq	98
91) Dibenzo(a,h)anthracene	25.50	278	2119465	48.298	nq	98
92) Benzo(g,h,i)perylene	26.17	276	2225626	50.712	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.57 min Scan# 796

Delta R.T. -0.01 min

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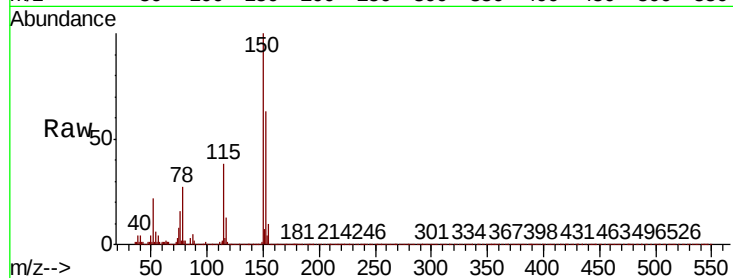
Tot Ion:152 Resp: 273003

Ion Ratio Lower Upper

152 100

150 158.2 124.2 186.2

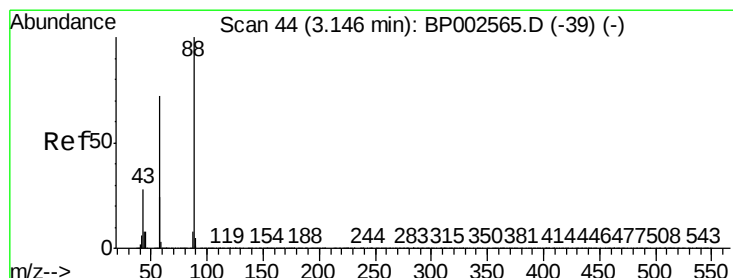
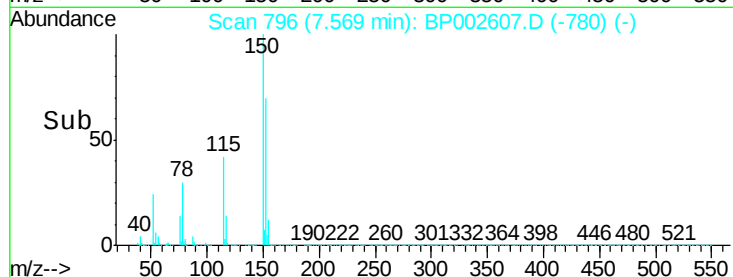
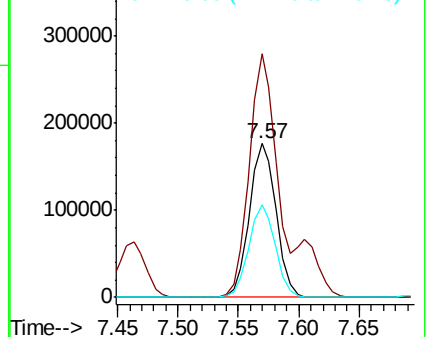
115 59.9 47.1 70.7



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



#2

1,4-Dioxane

Concen: 44.906 ng

RT: 3.15 min Scan# 44

Delta R.T. 0.00 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

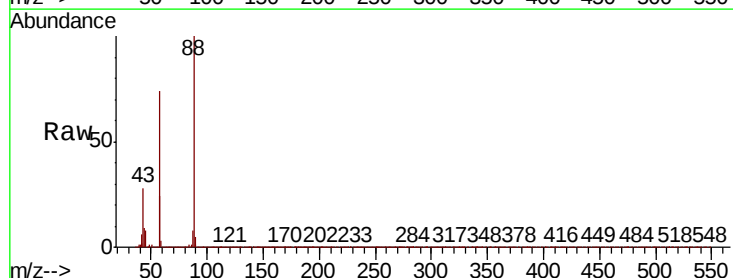
Tgt Ion: 88 Resp: 310339

Ion Ratio Lower Upper

88 100

58 73.0 58.1 87.1

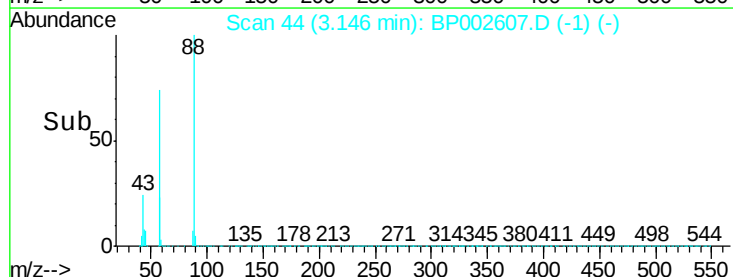
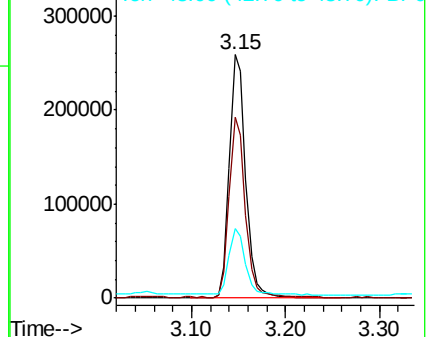
43 27.3 23.2 34.8

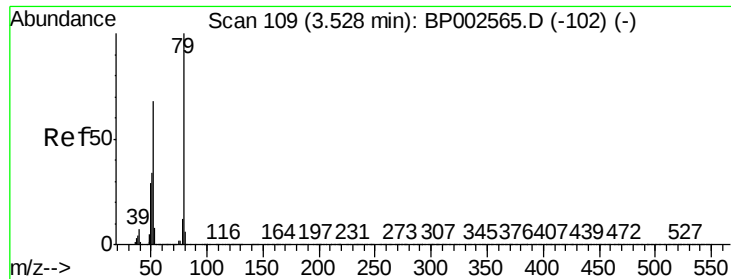


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 43.789 ng

RT: 3.52 min Scan# 108

Delta R.T. -0.01 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Instrument :

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ClientSampleId :

MUDDY-DRUMMS

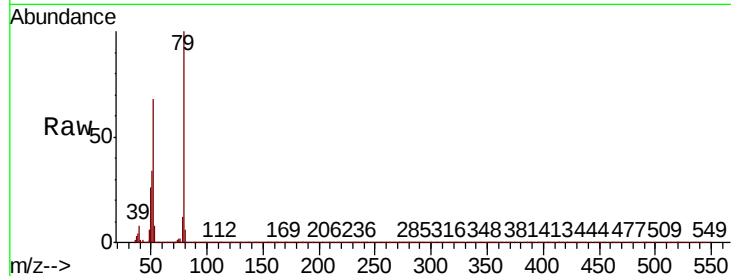
Tot Ion: 79 Resp: 896896

Ion Ratio Lower Upper

79 100

52 68.5 54.5 81.7

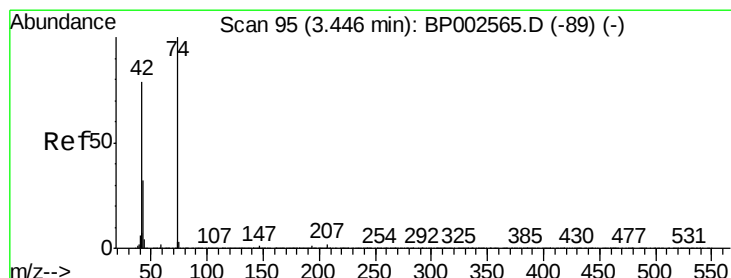
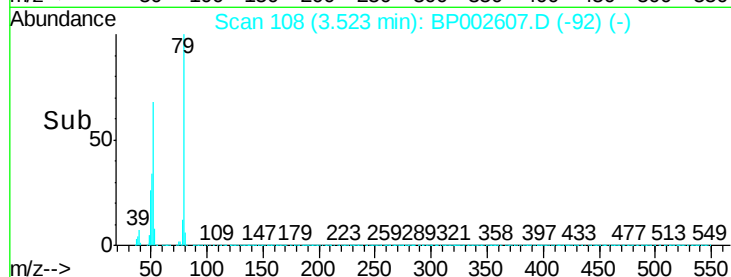
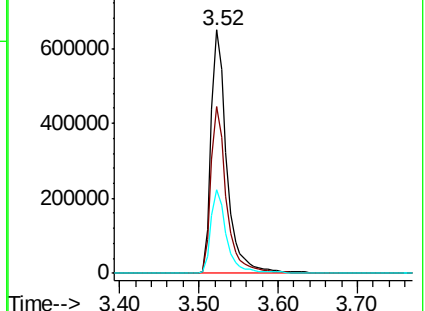
51 34.3 27.8 41.6



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 46.354 ng

RT: 3.45 min Scan# 95

Delta R.T. 0.00 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

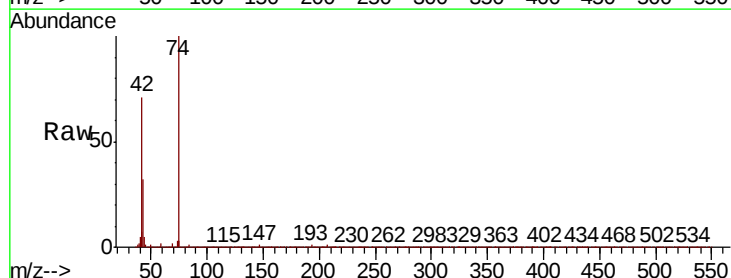
Tgt Ion: 42 Resp: 403024

Ion Ratio Lower Upper

42 100

74 141.1 101.7 152.5

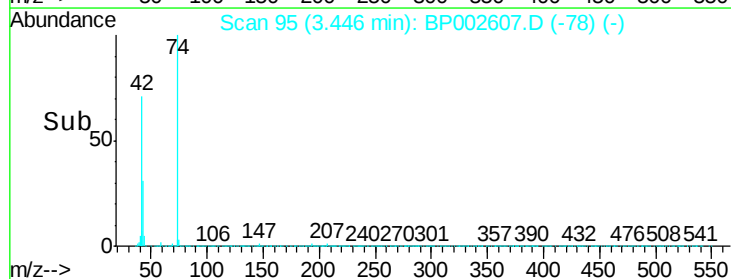
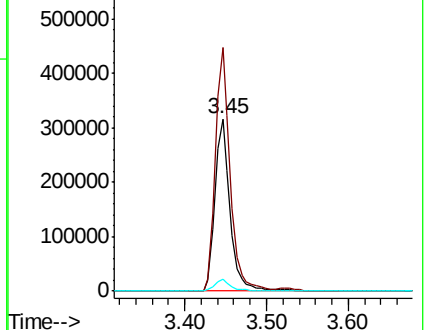
44 6.8 4.9 7.3

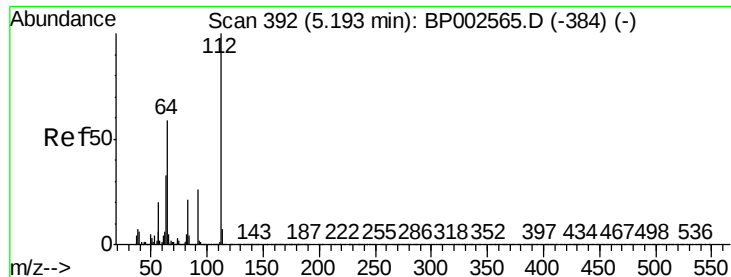


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 120.576 ng

RT: 5.20 min Scan# 393

Delta R.T. 0.01 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Instrument :

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ClientSampleId :

MUDDY-DRUMMS

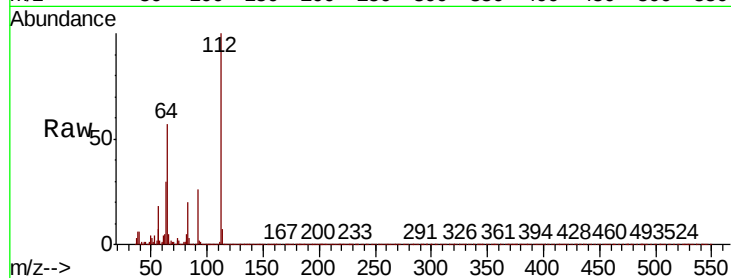
Tot Ion:112 Resp: 1944201

Ion Ratio Lower Upper

112 100

64 57.2 47.0 70.6

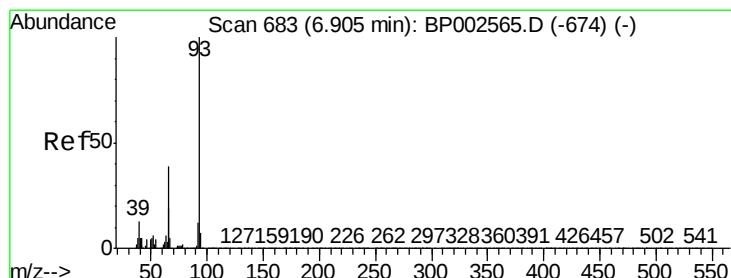
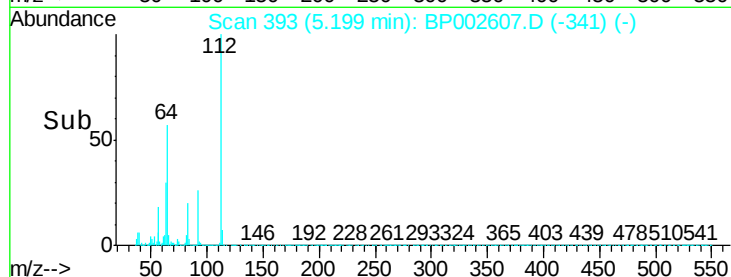
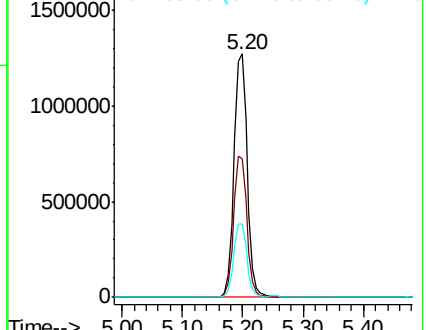
63 30.2 26.1 39.1



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



#6

Aniline

Concen: 37.668 ng

RT: 6.90 min Scan# 683

Delta R.T. 0.00 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

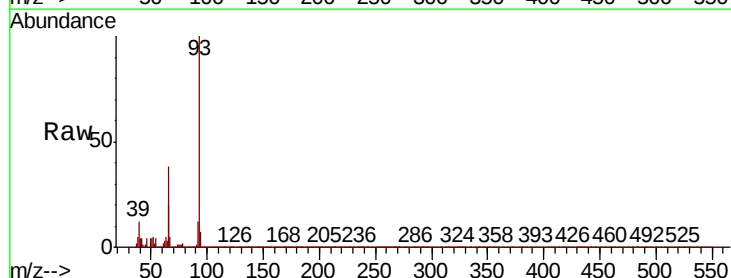
Tgt Ion: 93 Resp: 1064962

Ion Ratio Lower Upper

93 100

66 38.0 31.6 47.4

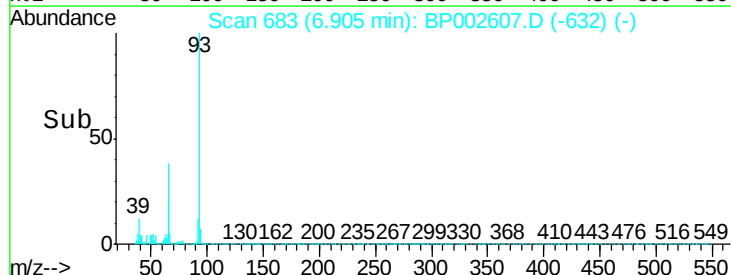
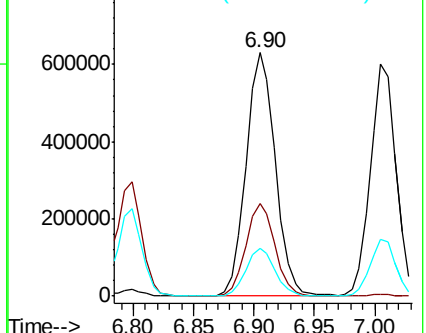
65 19.5 15.7 23.5

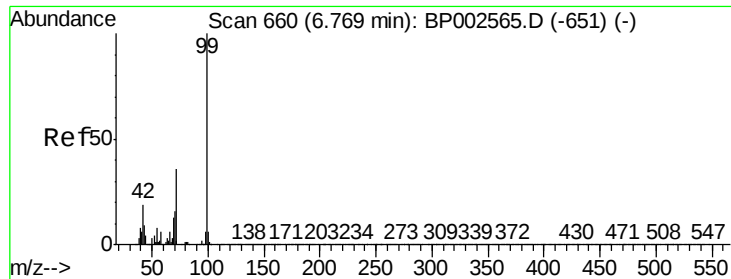


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 113.130 ng

RT: 6.77 min Scan# 660

Delta R.T. 0.00 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Instrument :

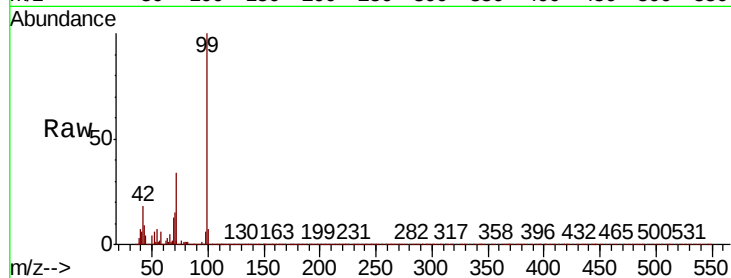
BNA_P

ClientSampleId :

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Tot Ion: 99 Resp: 2546045

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.5	23.3
71	33.6	28.9	43.3

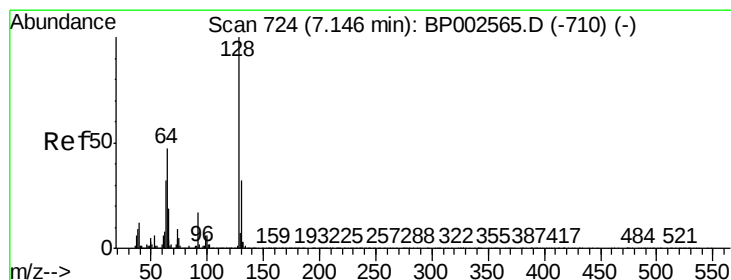
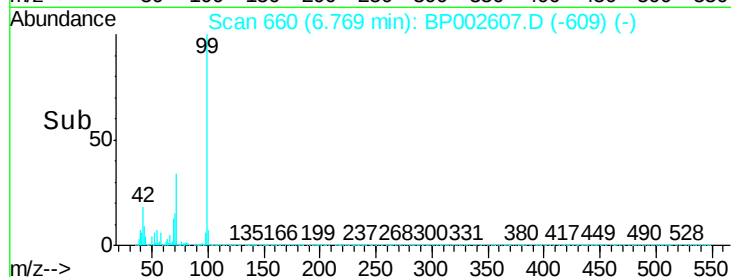
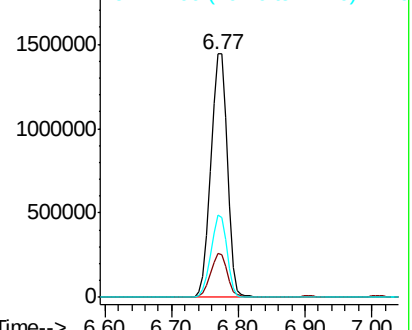


Abundance

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: 49.247 ng

RT: 7.15 min Scan# 724

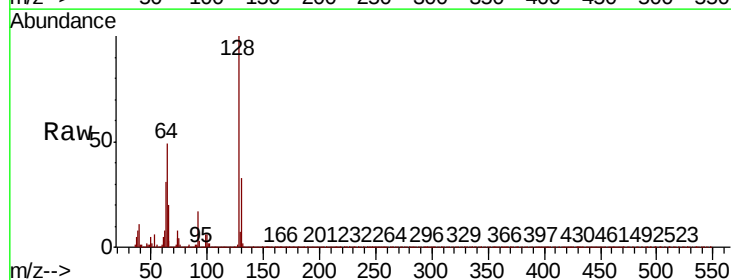
Delta R.T. 0.00 min

Lab File: BP002607.D

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Tgt Ion: 128 Resp: 882072

Ion	Ratio	Lower	Upper
128	100		
130	32.9	11.8	51.8
64	49.0	26.9	66.9

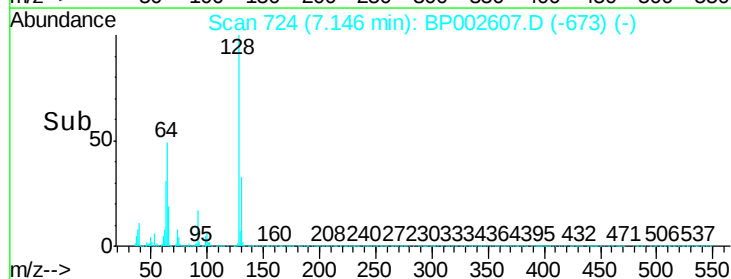
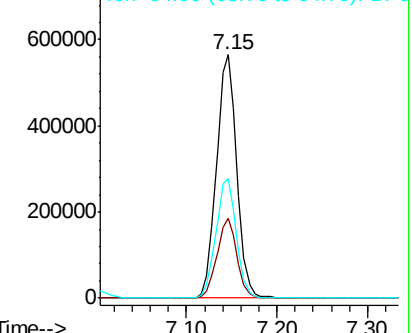


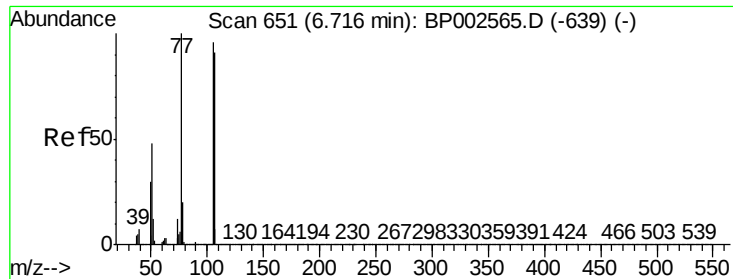
Abundance

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: 29.755 ng

RT: 6.72 min Scan# 651

Delta R.T. 0.00 min

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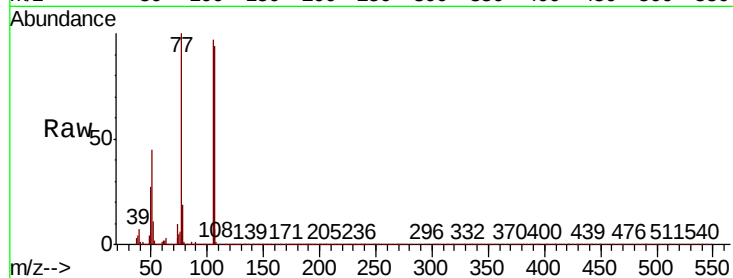
Tot Ion: 77 Resp: 370568

Ion Ratio Lower Upper

77 100

105 97.3 76.5 116.5

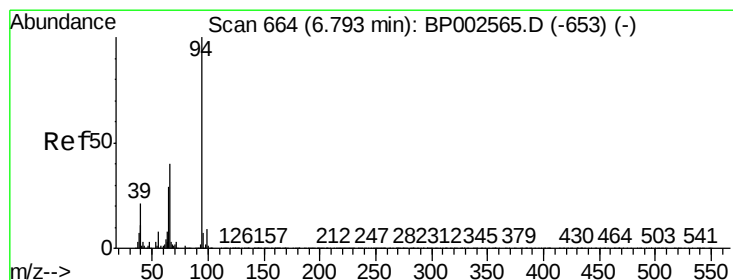
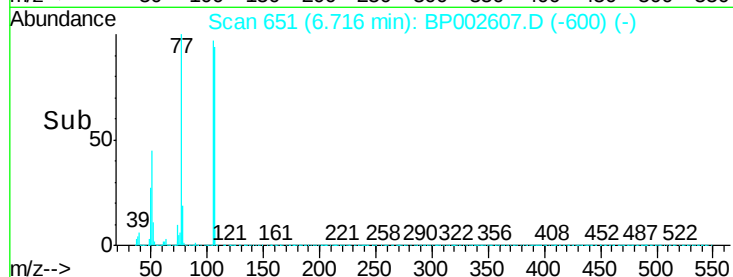
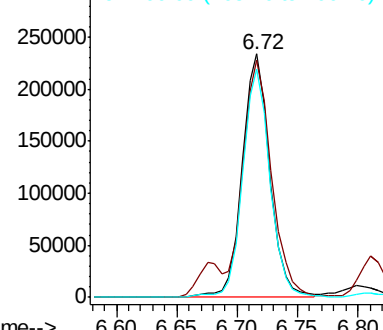
106 93.9 70.9 110.9



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: 50.702 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

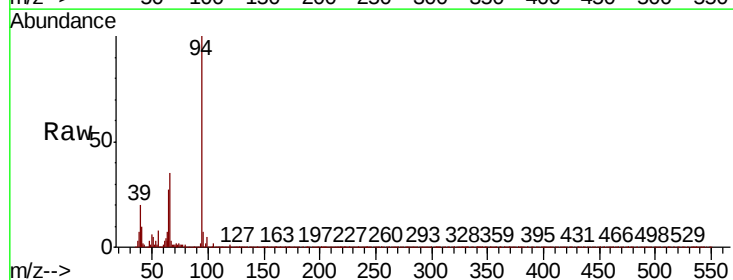
Tgt Ion: 94 Resp: 1150706

Ion Ratio Lower Upper

94 100

65 27.1 8.8 48.8

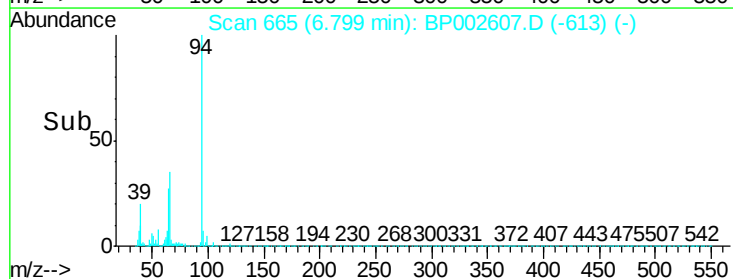
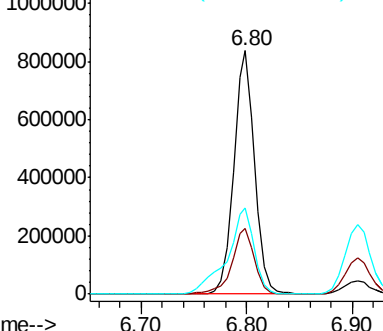
66 35.3 19.9 59.9

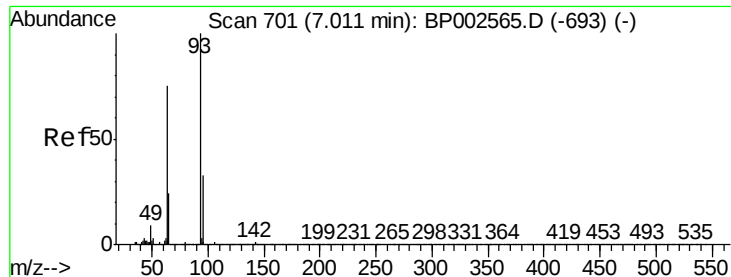


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

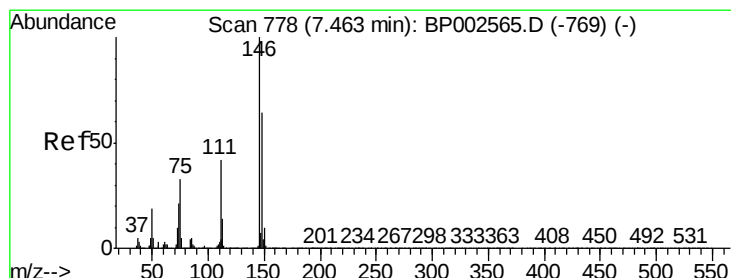
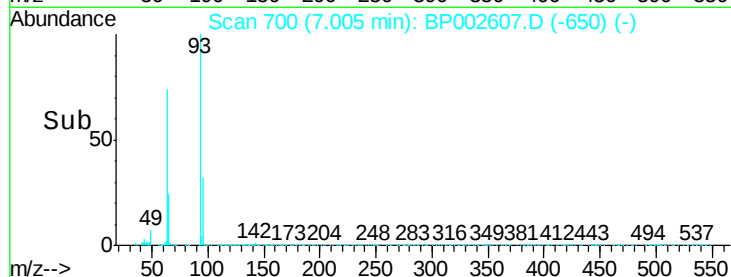
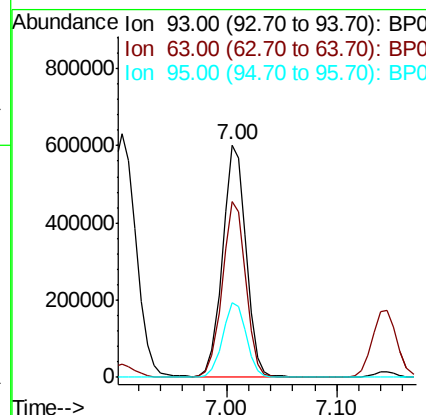
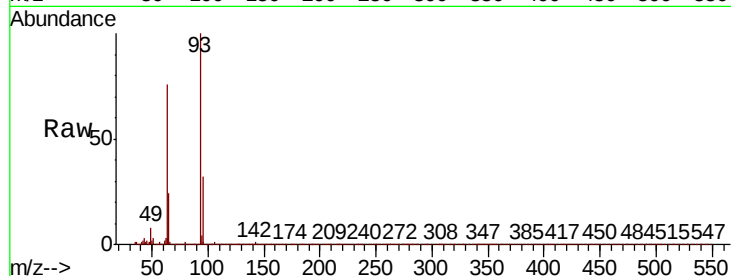




#11
bis(2-Chloroethyl)ether
Concen: 47.736 ng
RT: 7.00 min Scan# 700
Delta R.T. -0.01 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

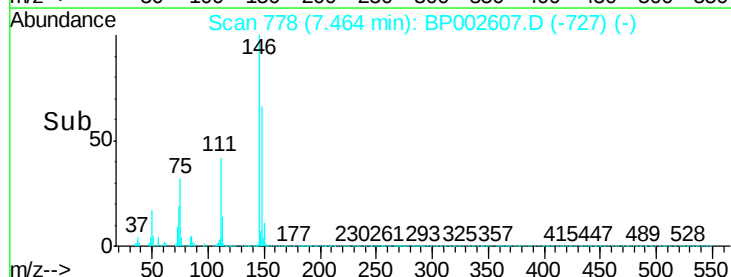
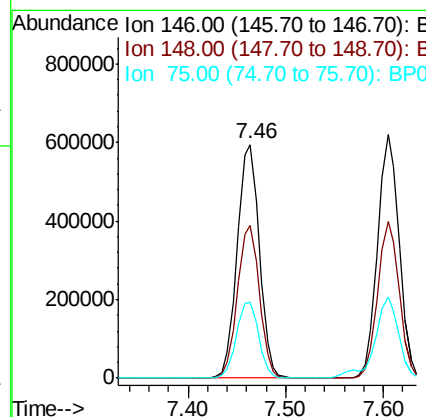
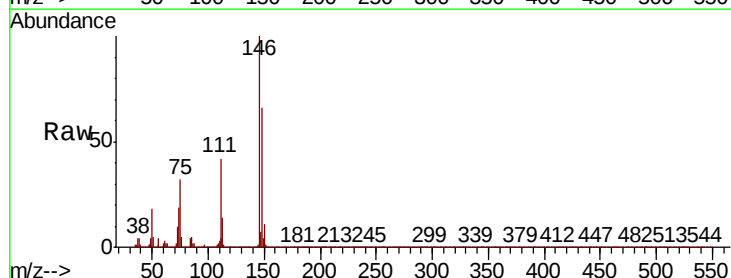
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMS

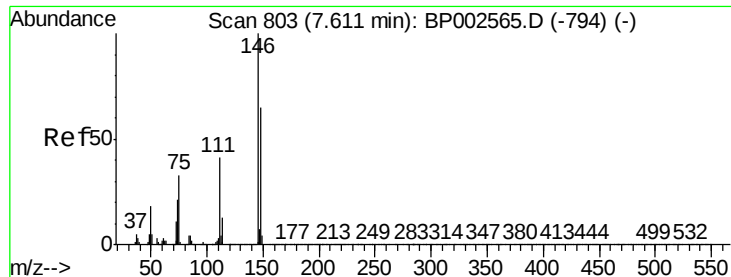
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.5	54.5	94.5
95	32.0	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 45.368 ng
RT: 7.46 min Scan# 778
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.3	76.9
75	32.3	26.1	39.1

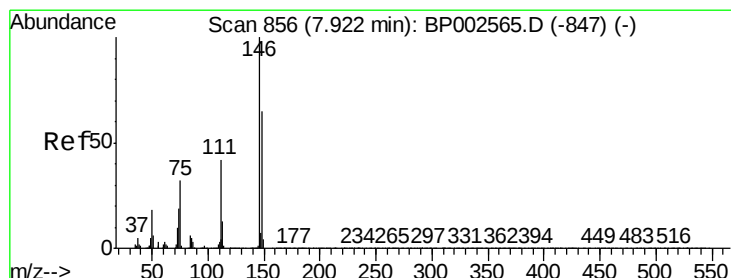
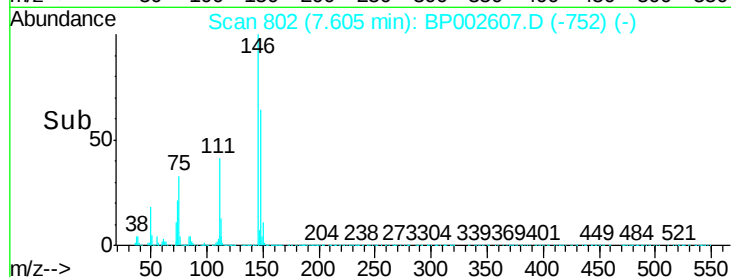
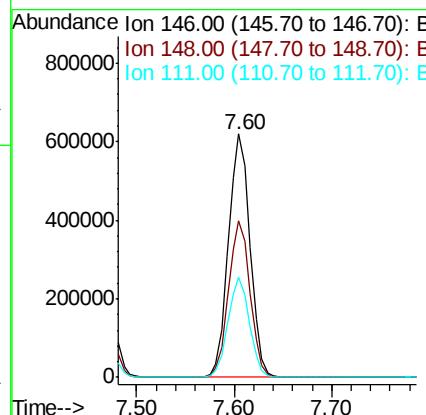
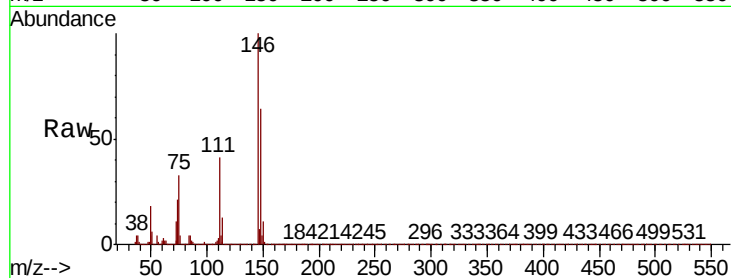




#13
 1,4-Dichlorobenzene
 Concen: 45.065 ng
 RT: 7.60 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BP002607.D
 Acq: 01 Jul 2020 16:49

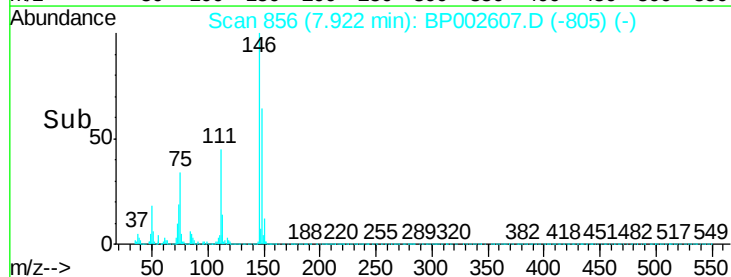
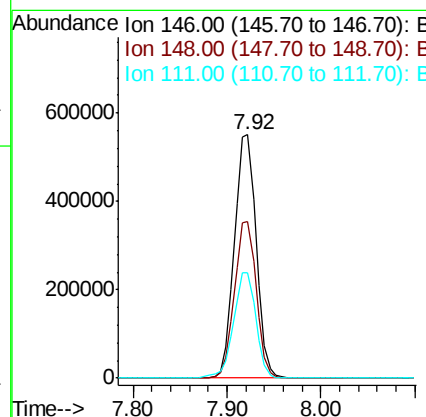
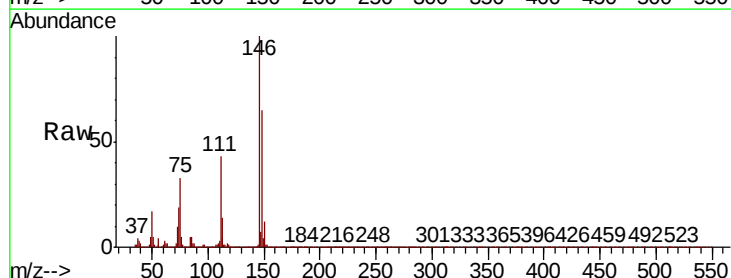
Instrument :
 BNA_P
 ClientSampleId :
 MUDDY-DRUMMS

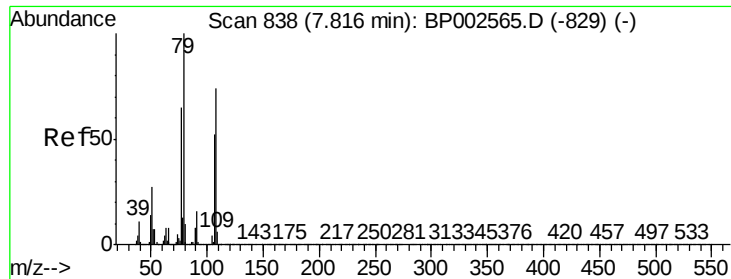
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
111	41.0	32.8	49.2



#14
 1,2-Dichlorobenzene
 Concen: 43.525 ng
 RT: 7.92 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BP002607.D
 Acq: 01 Jul 2020 16:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	43.2	34.1	51.1

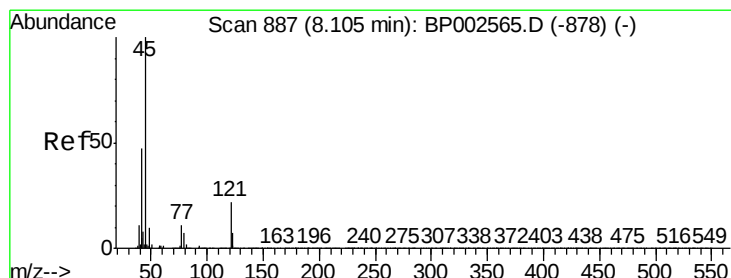
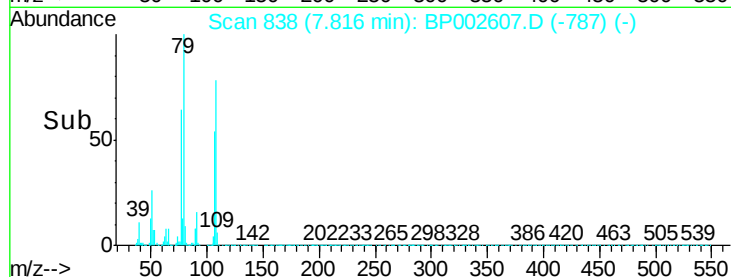
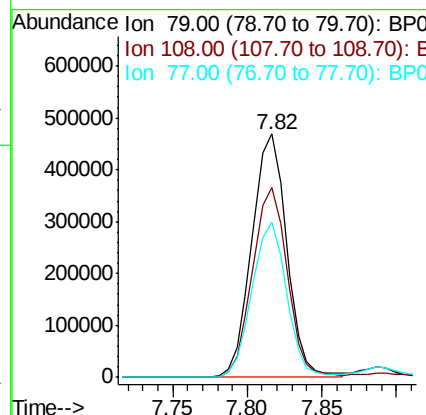
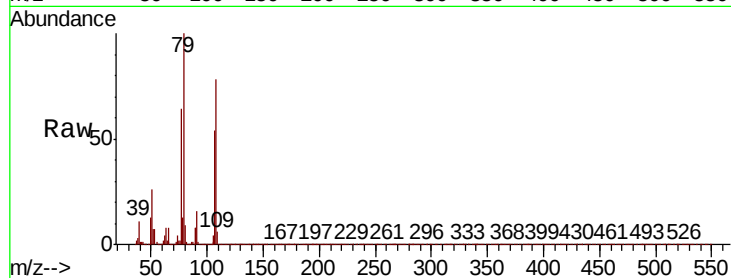




#15
Benzyl Alcohol
Concen: 44.779 ng
RT: 7.82 min Scan# 838
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

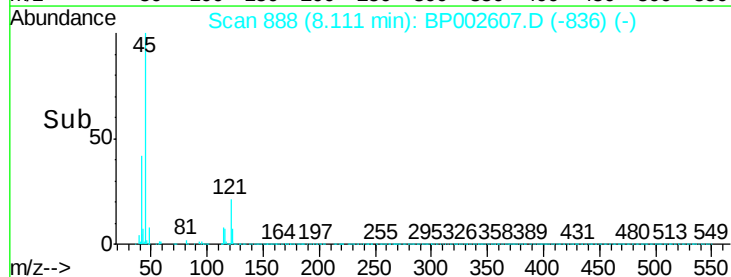
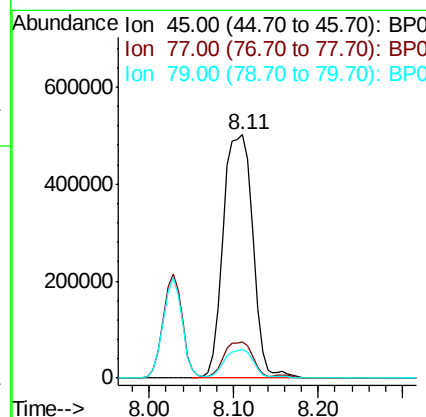
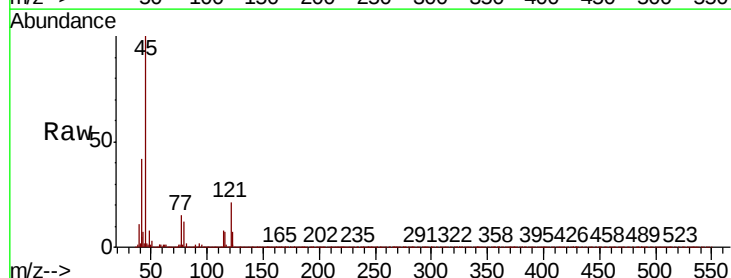
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMS

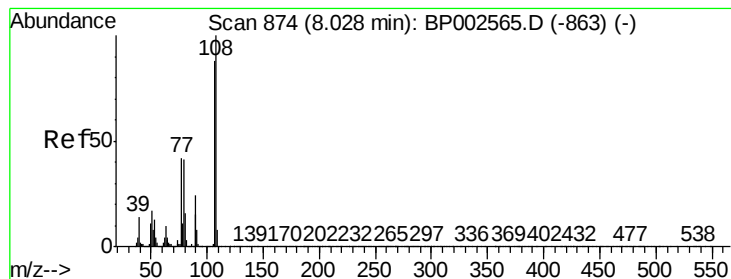
Tot Ion: 79 Resp: 757240
Ion Ratio Lower Upper
79 100
108 77.7 59.4 89.2
77 63.8 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.947 ng
RT: 8.11 min Scan# 888
Delta R.T. 0.01 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Tgt Ion: 45 Resp: 1218419
Ion Ratio Lower Upper
45 100
77 14.8 0.0 35.0
79 11.5 0.0 31.1





#17

2-Methylphenol

Concen: 42.398 ng

RT: 8.03 min Scan# 874

Delta R.T. 0.00 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUMMS

Tot Ion:107 Resp: 720242

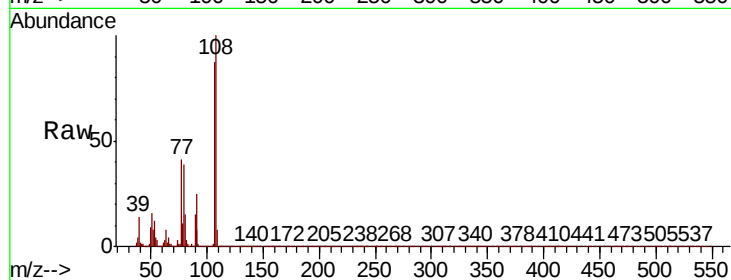
Ion Ratio Lower Upper

107 100

108 115.0 91.4 137.0

77 47.2 38.7 58.1

79 45.3 38.0 57.0

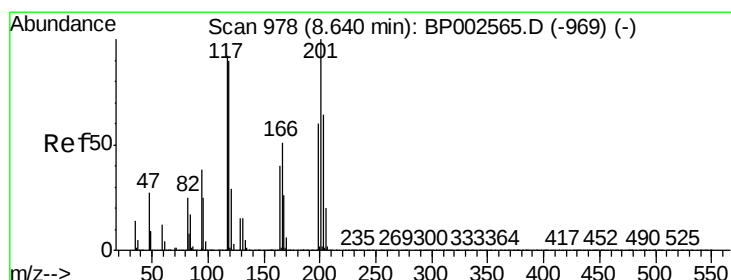
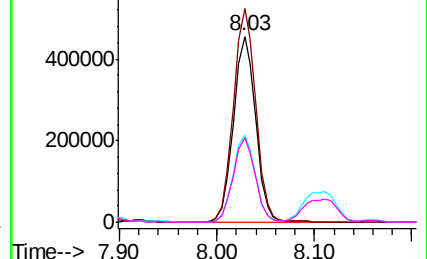
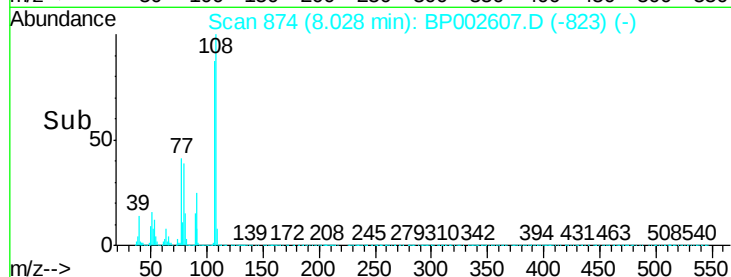


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.305 ng

RT: 8.64 min Scan# 978

Delta R.T. 0.00 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

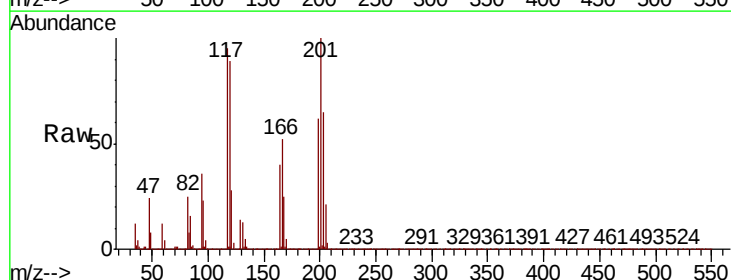
Tgt Ion:117 Resp: 351897

Ion Ratio Lower Upper

117 100

119 93.3 78.2 117.4

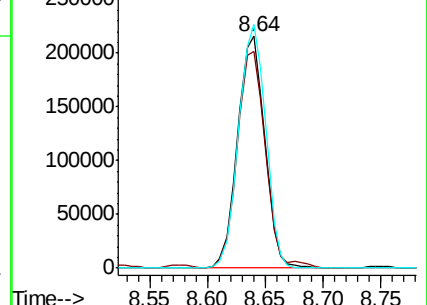
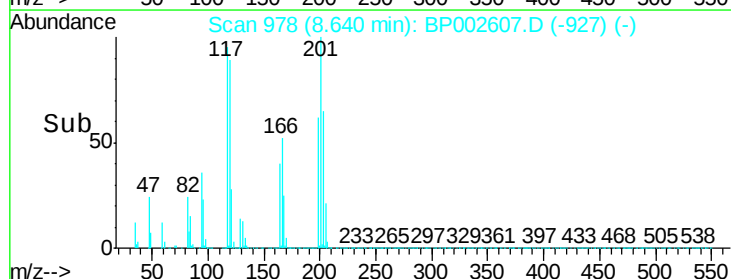
201 105.0 87.0 130.6

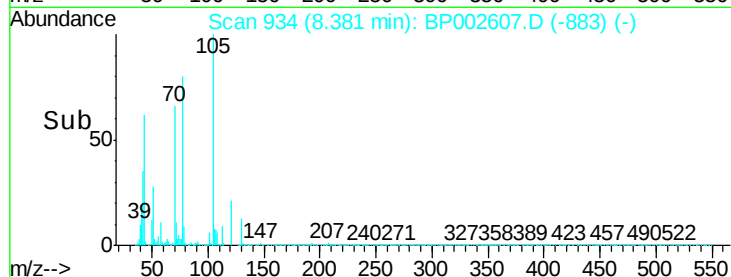
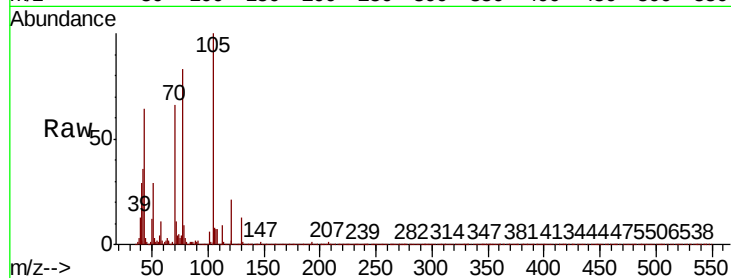
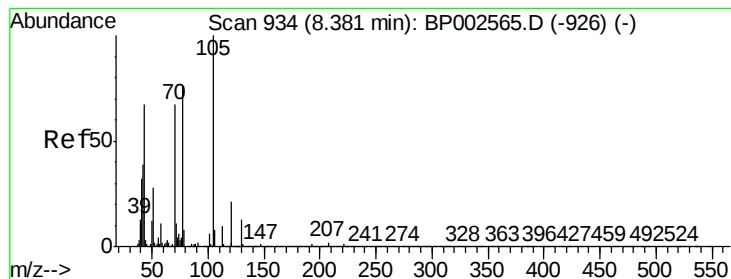


Abundance Ion 117.00 (116.70 to 117.70): E

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: 41.866 ng

RT: 8.38 min Scan# 934

Delta R.T. 0.00 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUMMS

Tot Ion: 70 Resp: 618193

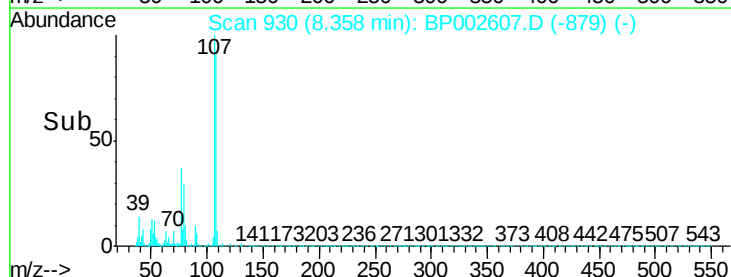
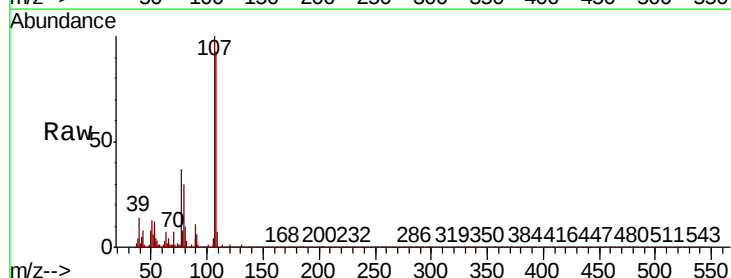
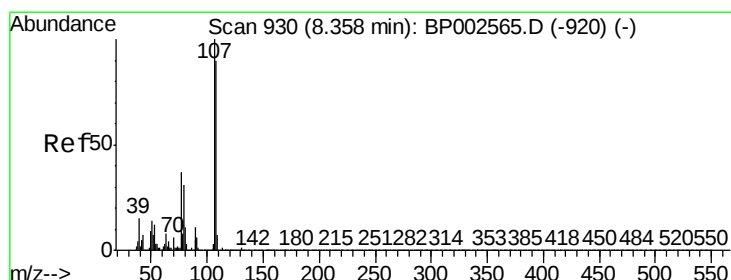
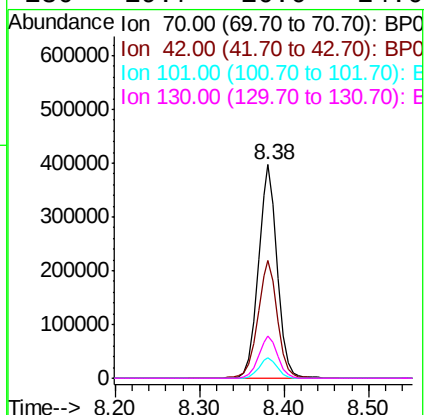
Ion Ratio Lower Upper

70 100

42 55.0 46.7 70.1

101 9.8 7.5 11.3

130 19.7 16.0 24.0



#20

3+4-Methylphenols

Concen: 42.290 ng

RT: 8.36 min Scan# 930

Delta R.T. 0.00 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Tgt Ion: 107 Resp: 968547

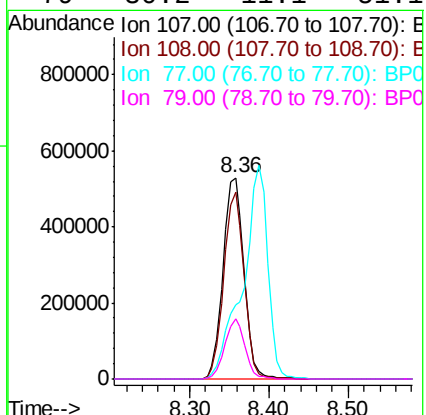
Ion Ratio Lower Upper

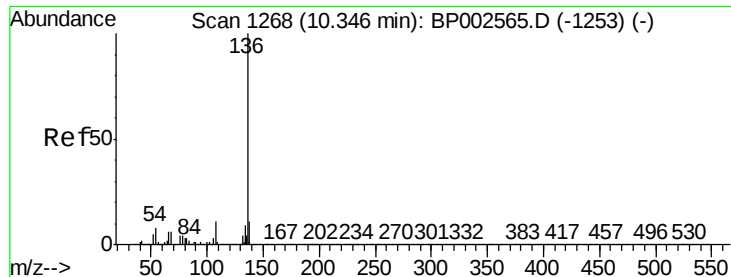
107 100

108 92.8 70.4 110.4

77 36.8 16.7 56.7

79 30.2 11.1 51.1

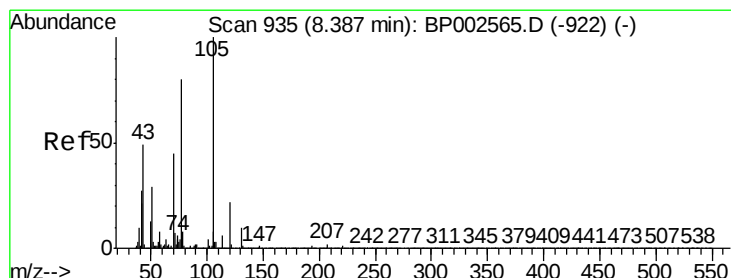
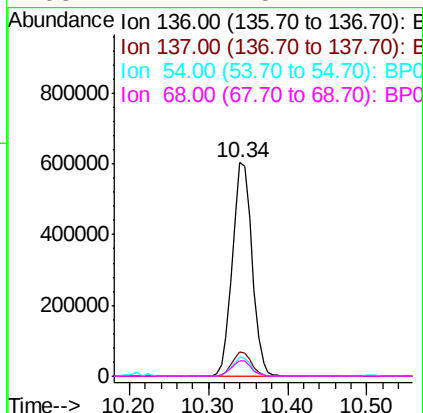
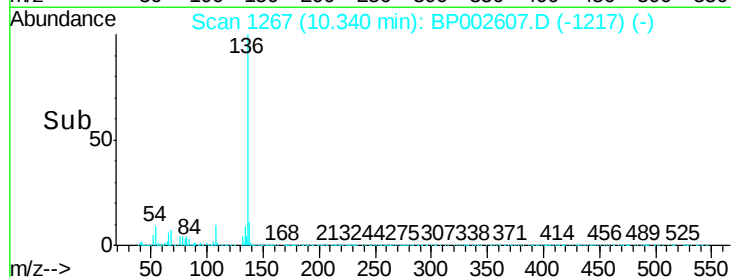
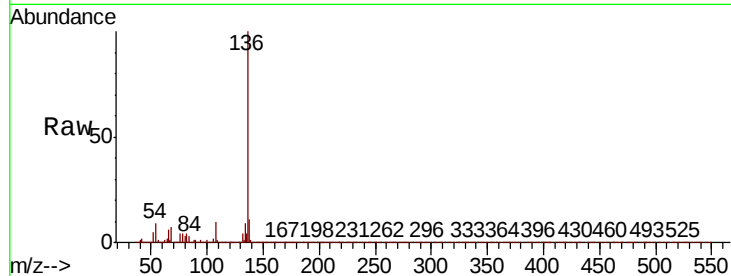




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

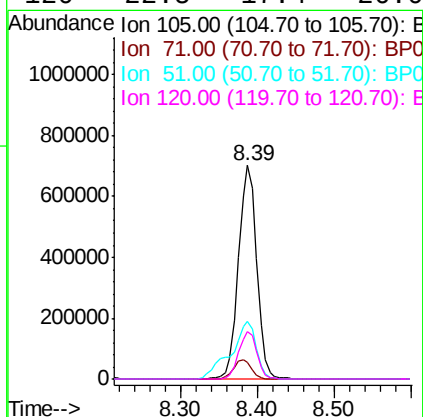
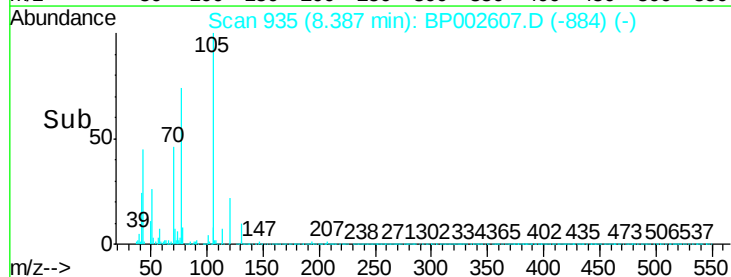
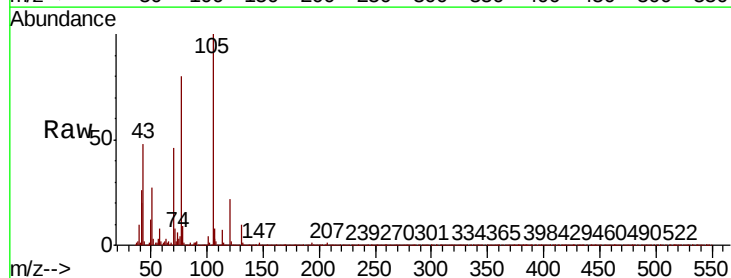
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMS

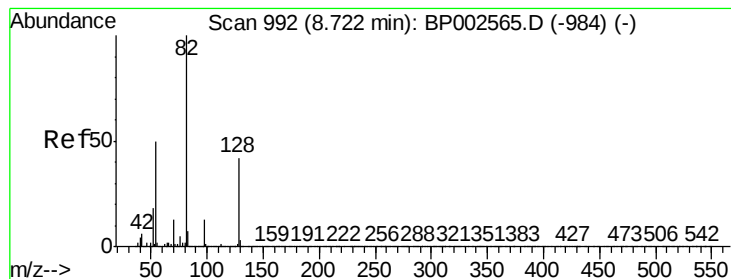
Tot Ion:136	Resp: 1036172
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 8.8	6.4 9.6
68 7.2	5.1 7.7



#22
Acetophenone
Concen: 44.662 ng
RT: 8.39 min Scan# 935
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Tgt	Ion:105	Resp:	1171316
Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.8	8.8
51	27.2	23.3	34.9
120	22.5	17.4	26.0





#23

Nitrobenzene-d5

Concen: 80.697 ng

RT: 8.72 min Scan# 991

Delta R.T. -0.01 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Instrument :

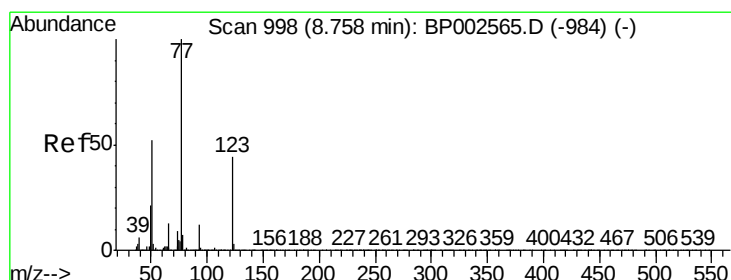
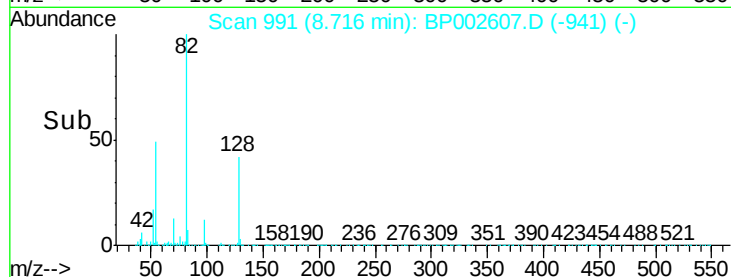
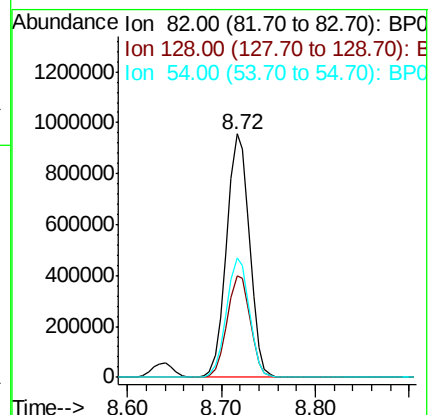
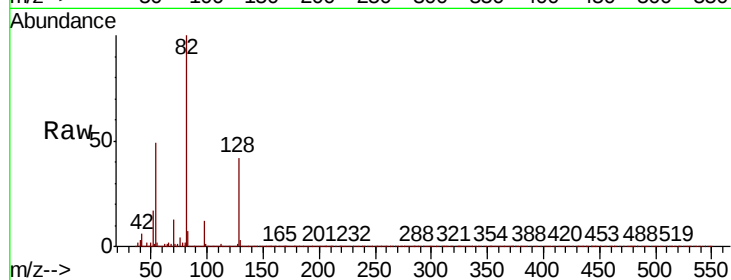
BNA_P

ClientSampleId :

MUDDY-DRUMMS

Tot Ion: 82 Resp: 1622820

Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.4	50.2
54	48.9	40.1	60.1



#24

Nitrobenzene

Concen: 46.185 ng

RT: 8.76 min Scan# 998

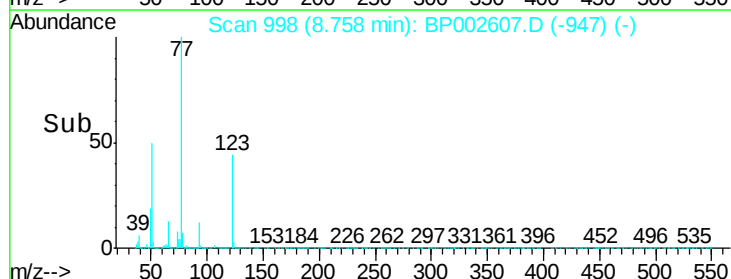
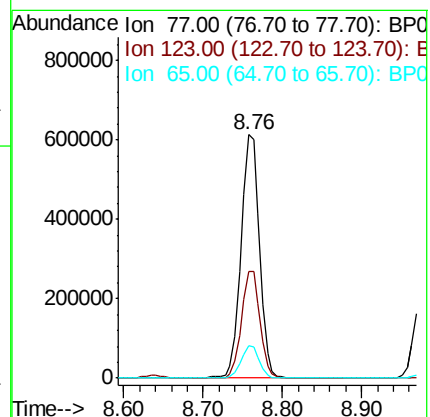
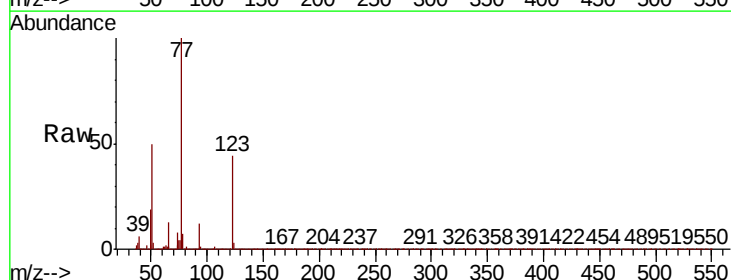
Delta R.T. 0.00 min

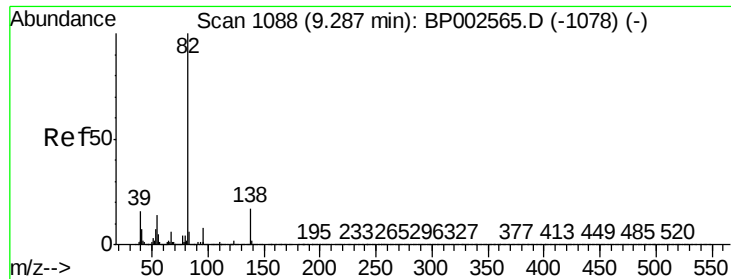
Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Tgt Ion: 77 Resp: 983086

Ion	Ratio	Lower	Upper
77	100		
123	43.7	35.3	52.9
65	13.3	10.6	16.0





#25

Isophorone

Concen: 43.973 ng

RT: 9.28 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUMMS

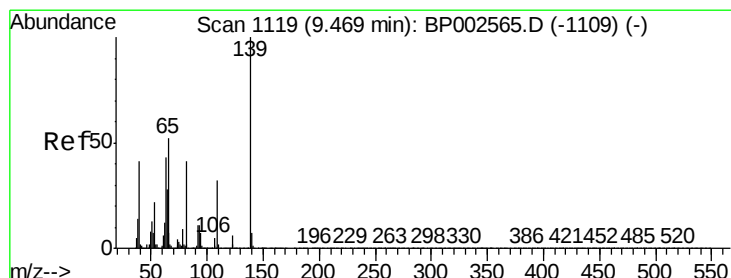
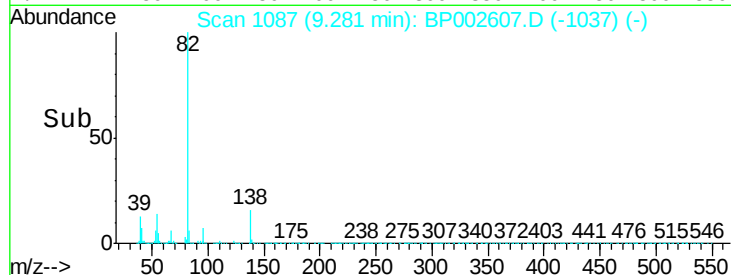
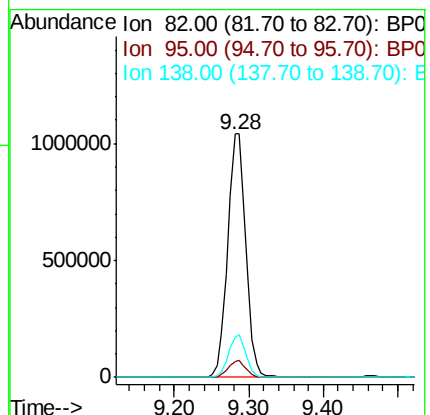
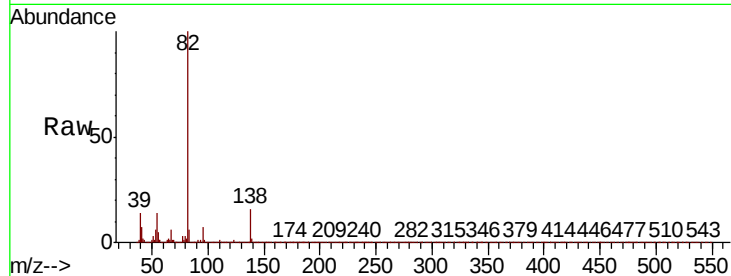
Tot Ion: 82 Resp: 1772363

Ion Ratio Lower Upper

82 100

95 6.6 6.0 9.0

138 16.5 13.8 20.8



#26

2-Nitrophenol

Concen: 49.223 ng

RT: 9.46 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

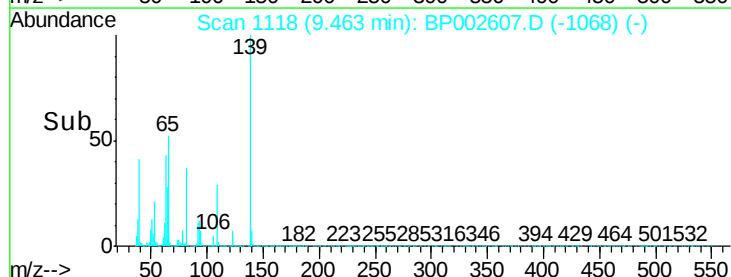
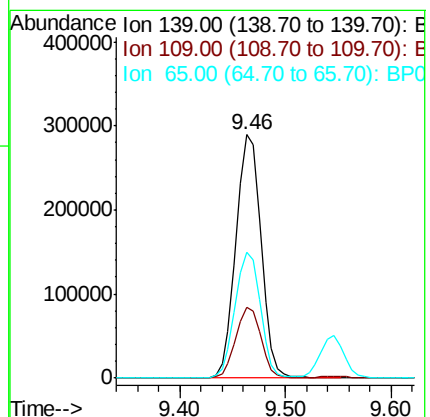
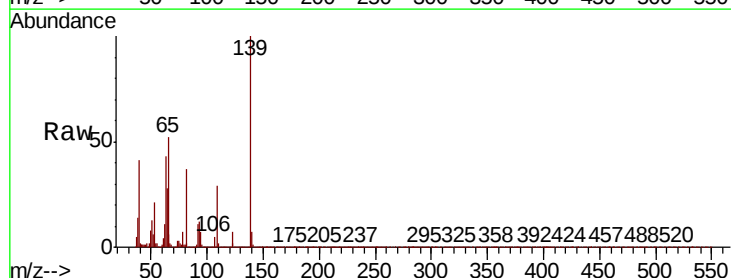
Tgt Ion: 139 Resp: 477850

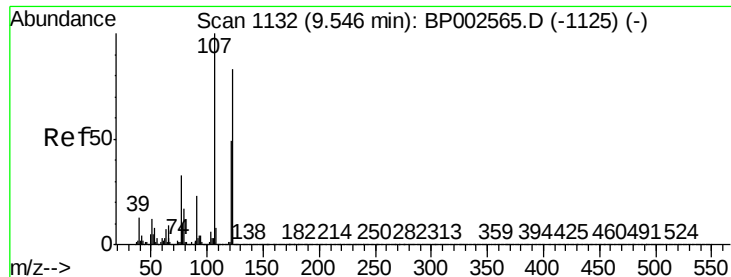
Ion Ratio Lower Upper

139 100

109 29.2 26.0 39.0

65 51.7 41.9 62.9





#27

2,4-Dimethylphenol

Concen: 50.913 ng

RT: 9.55 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUMMS

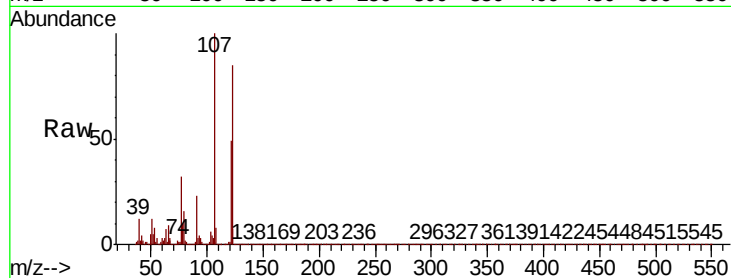
Tot Ion:122 Resp: 748930

Ion Ratio Lower Upper

122 100

107 117.1 95.9 143.9

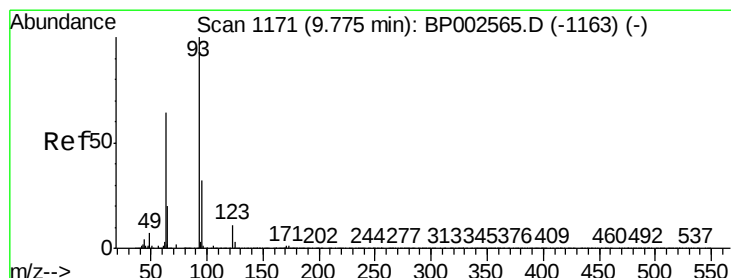
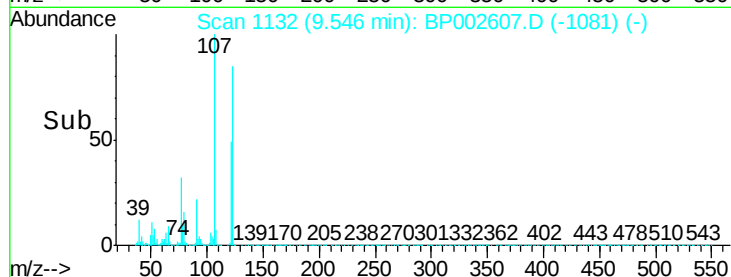
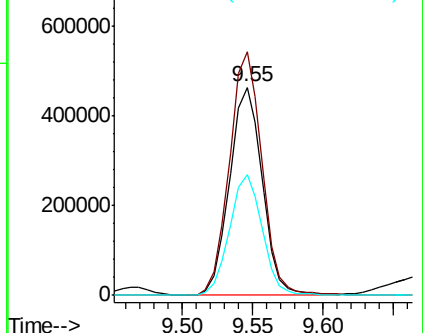
121 58.0 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.593 ng

RT: 9.77 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

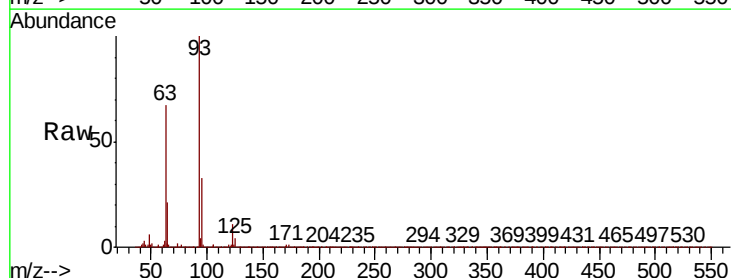
Tgt Ion: 93 Resp: 1125066

Ion Ratio Lower Upper

93 100

95 32.8 25.5 38.3

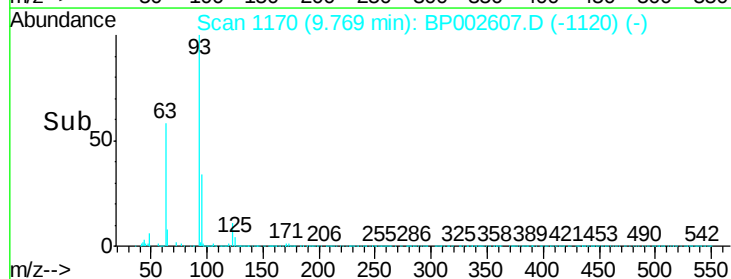
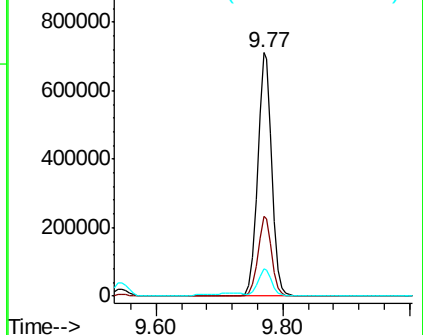
123 11.3 8.7 13.1

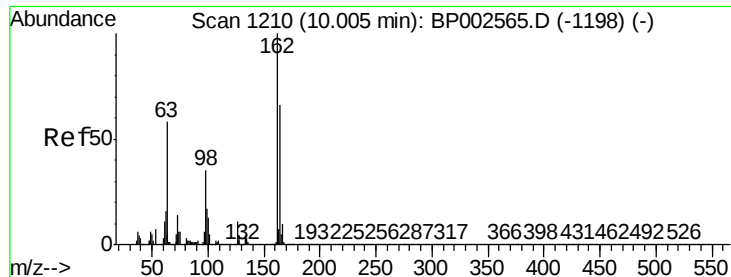


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

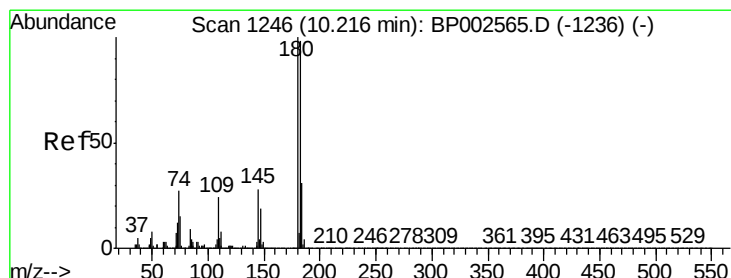
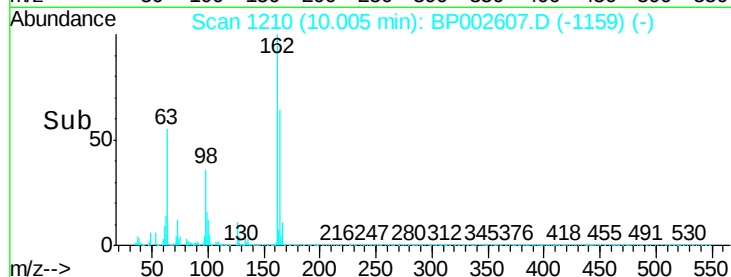
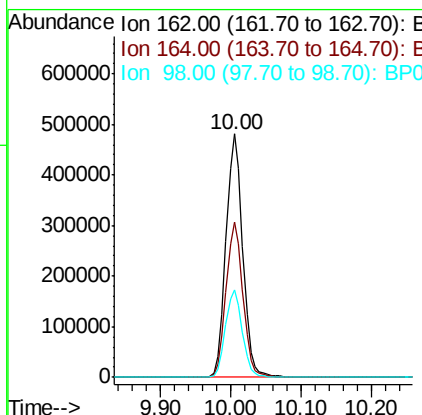
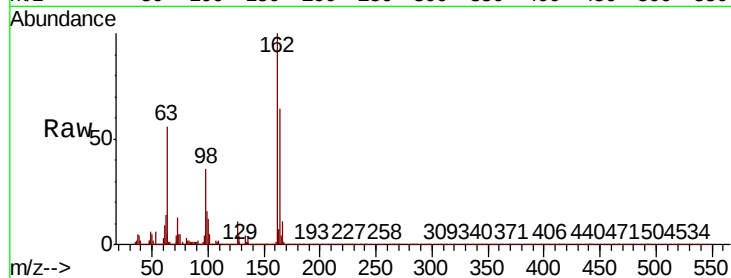




#29
2,4-Dichlorophenol
Concen: 46.993 ng
RT: 10.00 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

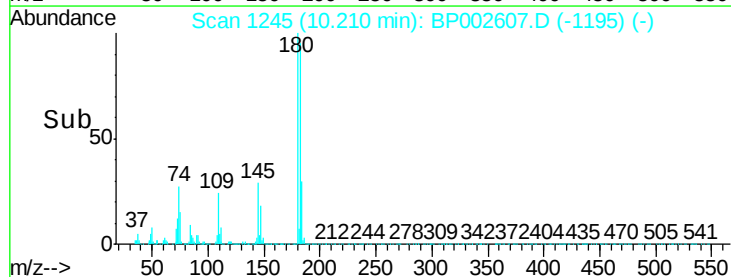
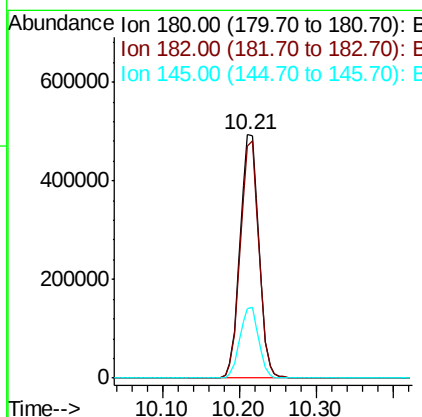
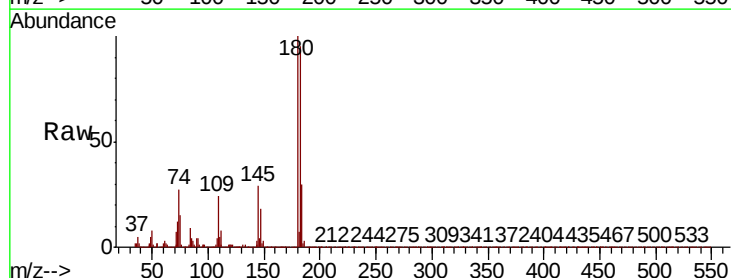
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMS

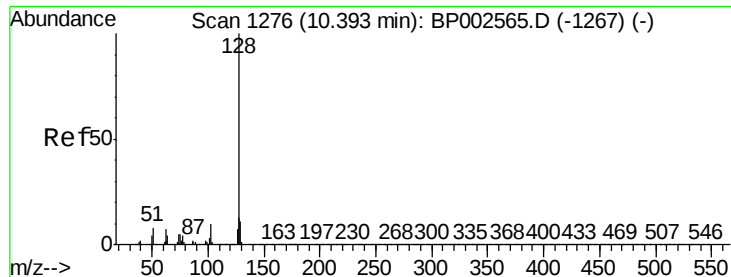
Tot Ion:162 Resp: 796677
Ion Ratio Lower Upper
162 100
164 64.0 46.1 86.1
98 36.0 15.3 55.3



#30
1,2,4-Trichlorobenzene
Concen: 44.446 ng
RT: 10.21 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Tgt Ion:180 Resp: 848294
Ion Ratio Lower Upper
180 100
182 95.4 78.2 117.2
145 28.6 22.6 34.0

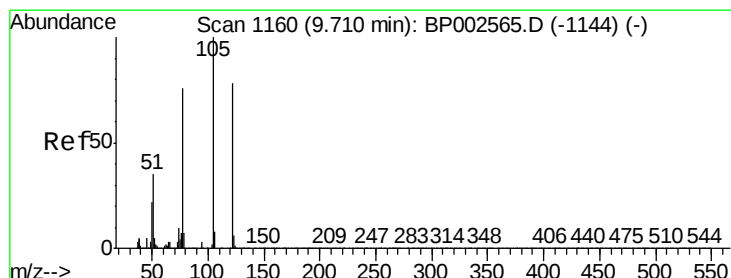
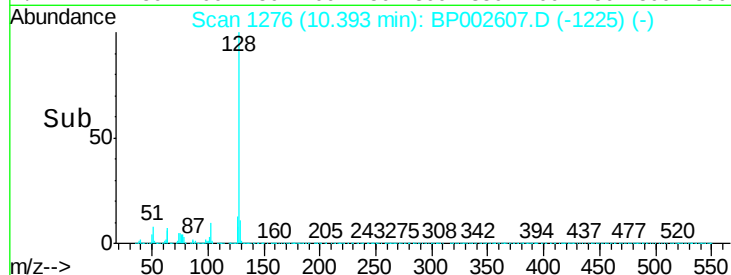
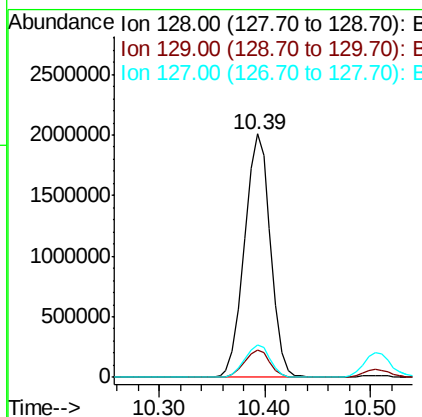
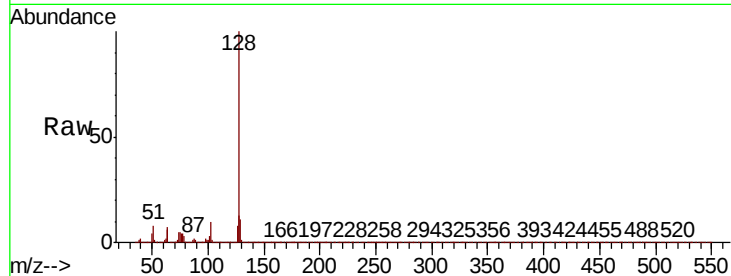




#31
Naphthalene
Concen: 62.413 ng
RT: 10.39 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

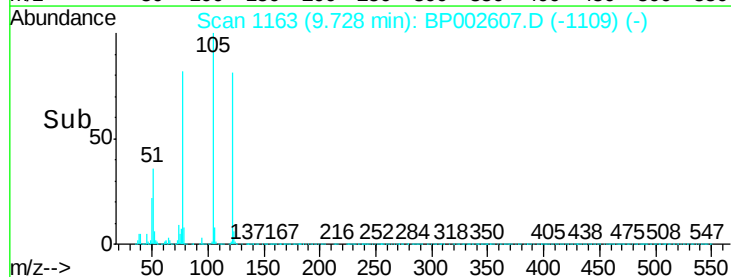
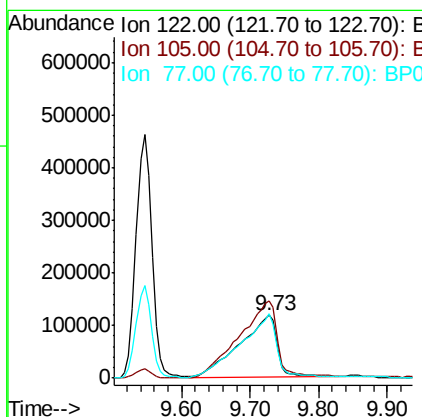
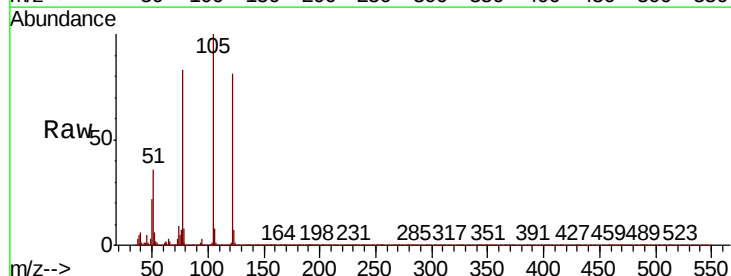
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMS

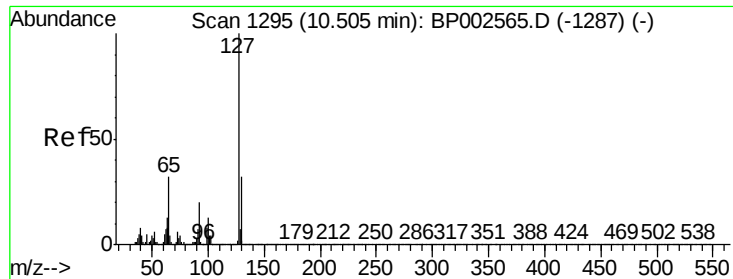
Tot Ion:128 Resp: 3423502
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.5 10.3 15.5



#32
Benzoic acid
Concen: 40.452 ng
RT: 9.73 min Scan# 1163
Delta R.T. 0.02 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Tgt Ion:122 Resp: 448056
Ion Ratio Lower Upper
122 100
105 122.8 106.6 146.6
77 101.4 76.5 116.5

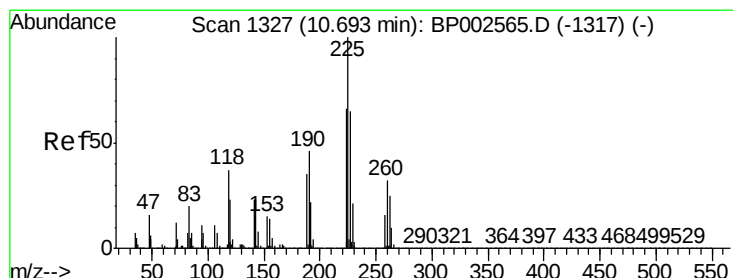
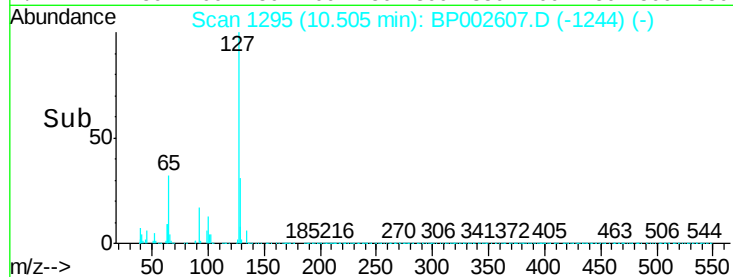
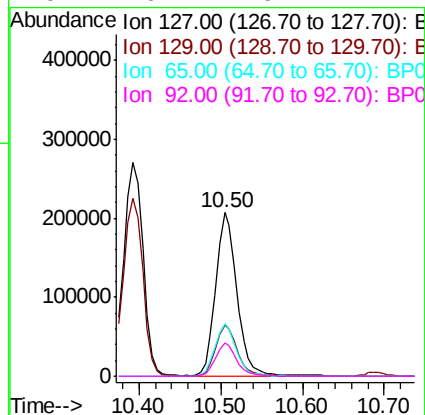
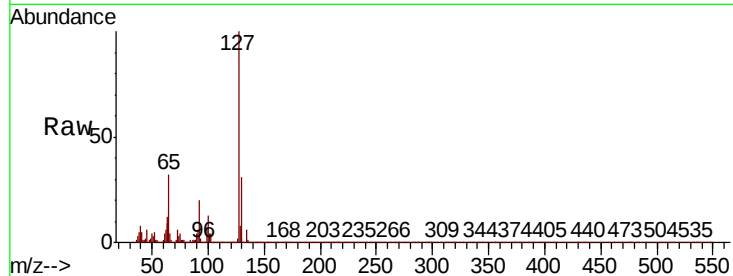




#33
4-Chloroaniline
Concen: 15.655 ng
RT: 10.50 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

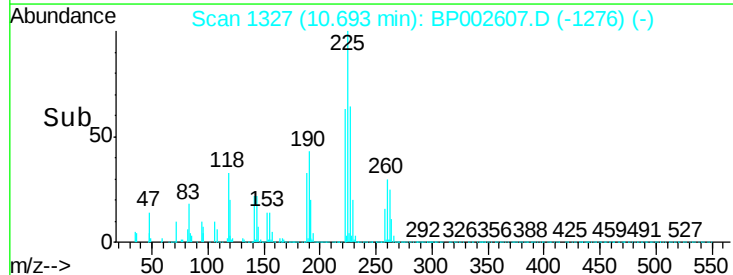
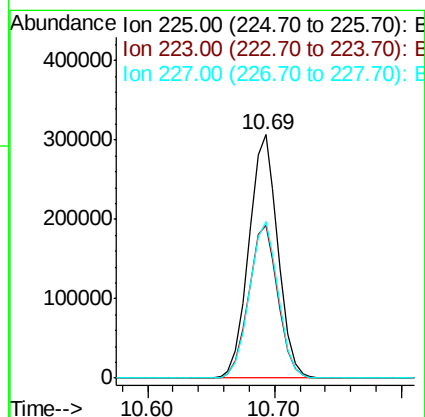
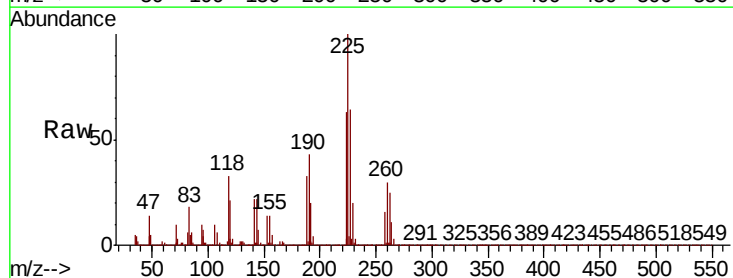
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMS

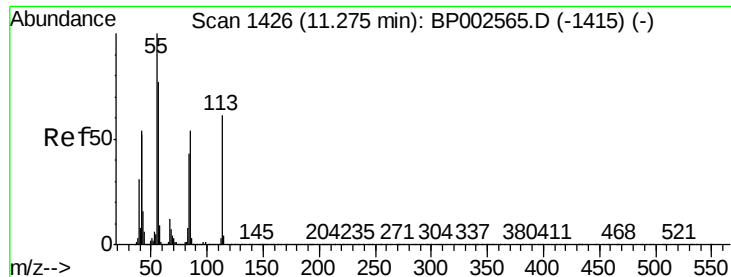
Tot Ion:	127	Resp:	375625
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.7	38.5
65	32.2	25.7	38.5
92	20.1	16.1	24.1



#34
Hexachlorobutadiene
Concen: 41.706 ng
RT: 10.69 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Tgt Ion:	225	Resp:	487219
Ion	Ratio	Lower	Upper
225	100		
223	62.8	52.6	78.8
227	64.5	52.1	78.1

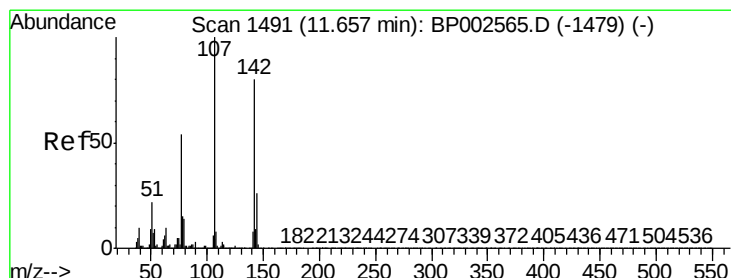
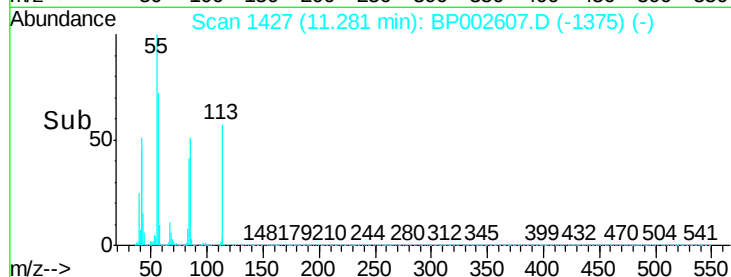
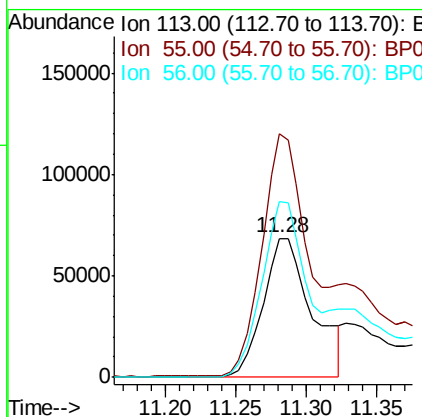
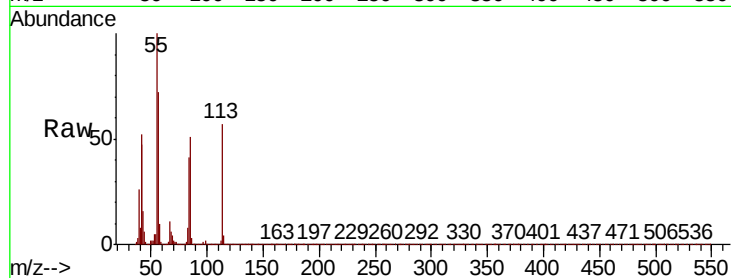




#35
Caprolactam
Concen: 28.940 ng
RT: 11.28 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

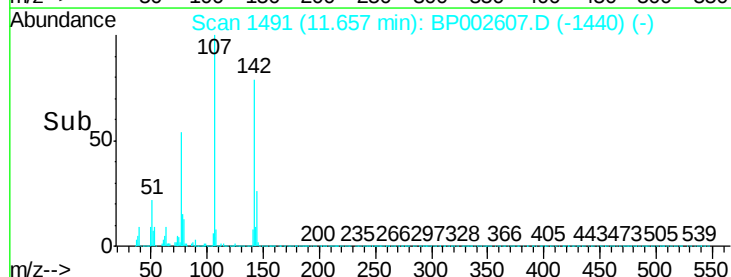
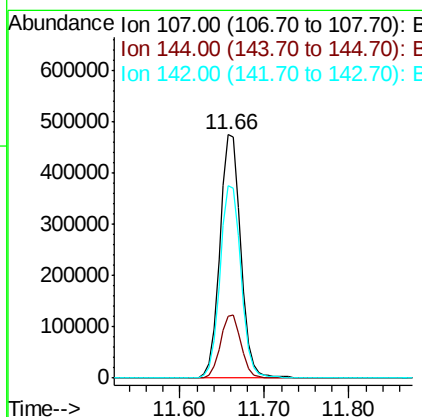
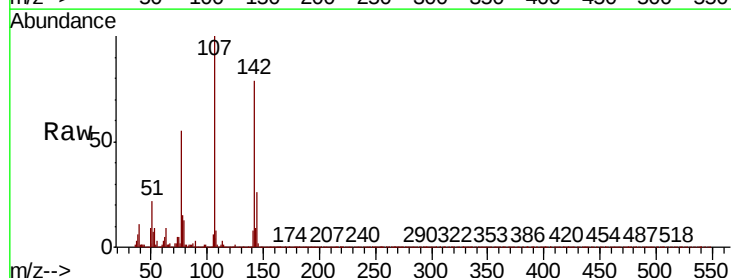
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMS

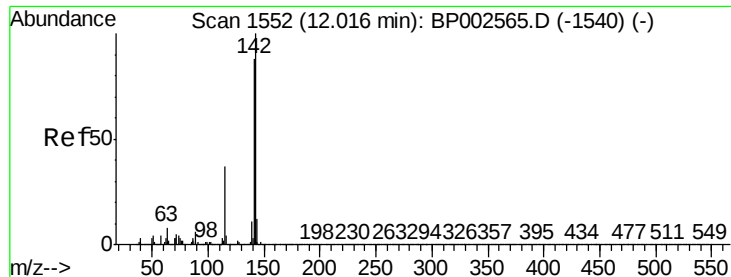
Tot Ion:113 Resp: 164924
Ion Ratio Lower Upper
113 100
55 175.5 143.7 183.7
56 126.9 105.2 145.2



#36
4-Chloro-3-methylphenol
Concen: 44.091 ng
RT: 11.66 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Tgt Ion:107 Resp: 819266
Ion Ratio Lower Upper
107 100
144 25.7 21.0 31.6
142 78.9 63.9 95.9

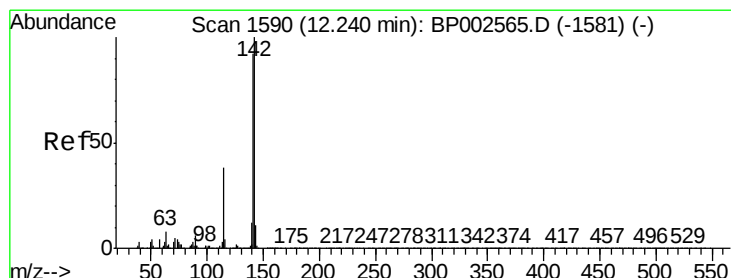
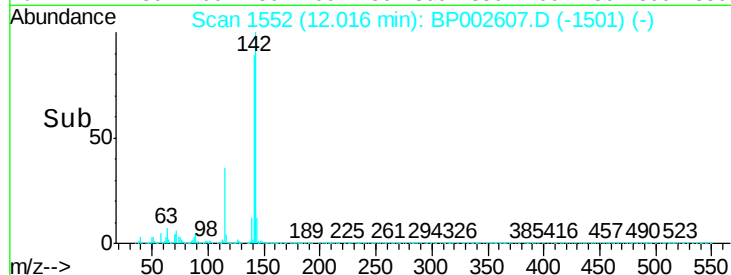
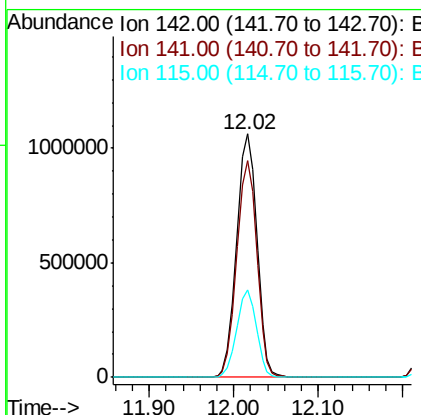
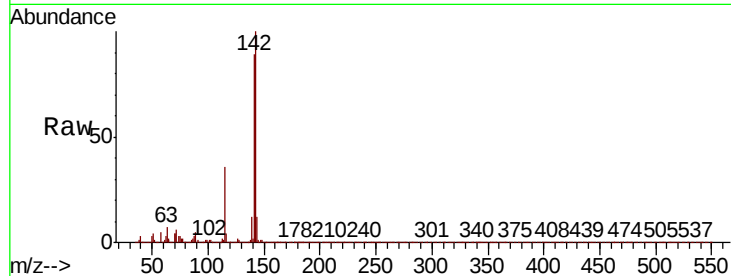




#37
 2-Methylnaphthalene
 Concen: 43.899 ng
 RT: 12.02 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BP002607.D
 Acq: 01 Jul 2020 16:49

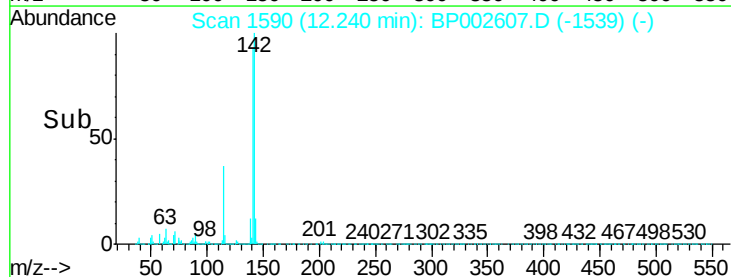
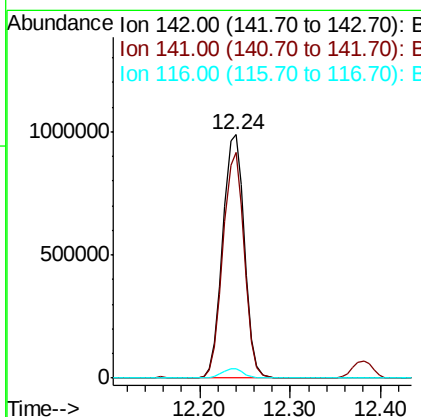
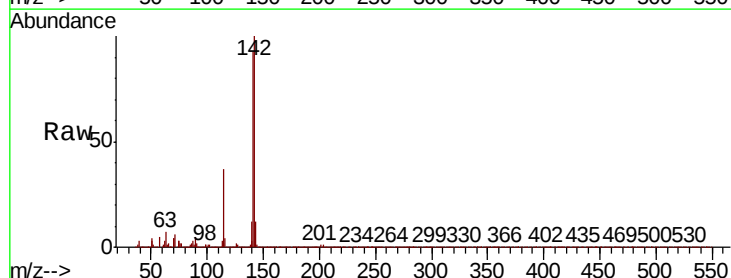
Instrument :
 BNA_P
 ClientSampleId :
 MUDDY-DRUMMS

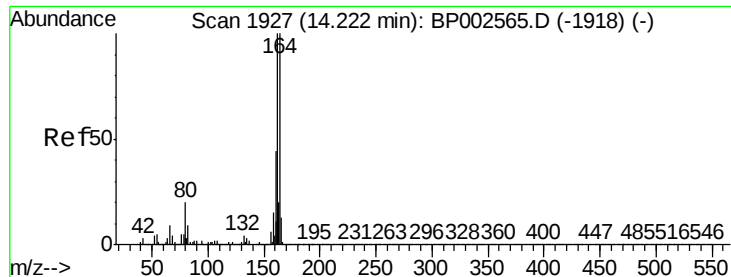
Tot Ion:142 Resp: 1755721
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.7 106.1
 115 35.7 29.7 44.5



#38
 1-Methylnaphthalene
 Concen: 43.483 ng
 RT: 12.24 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BP002607.D
 Acq: 01 Jul 2020 16:49

Tgt Ion:142 Resp: 1637887
 Ion Ratio Lower Upper
 142 100
 141 92.9 73.4 110.2
 116 3.9 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: BP002607.D

Acq: 01 Jul 2020 16:49

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUMMS

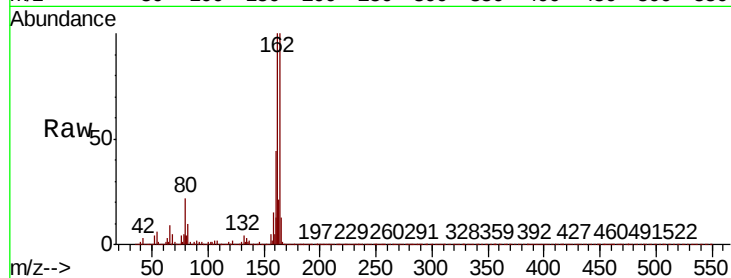
Tot Ion:164 Resp: 589044

Ion Ratio Lower Upper

164 100

162 100.5 80.3 120.5

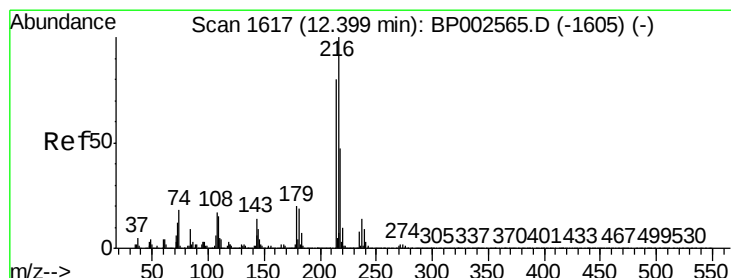
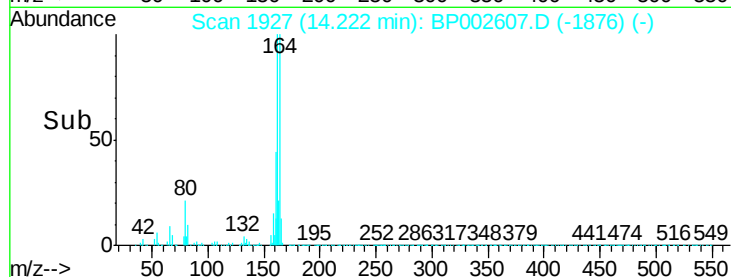
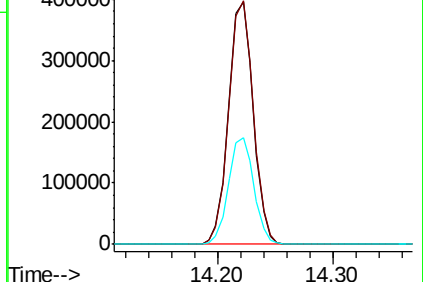
160 44.1 35.0 52.6



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.101 ng

RT: 12.40 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Tgt Ion:216 Resp: 811146

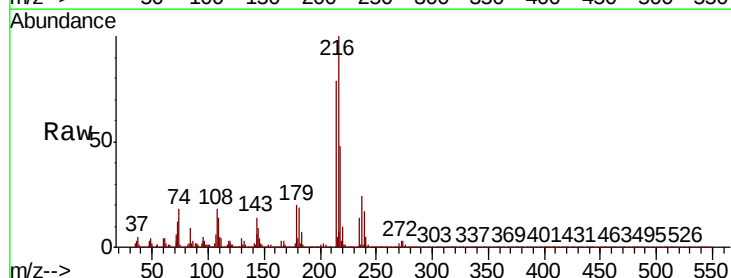
Ion Ratio Lower Upper

216 100

214 79.3 63.2 94.8

179 20.6 16.6 24.8

108 20.9 14.9 22.3

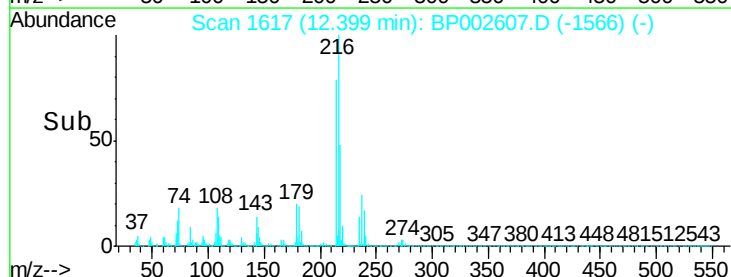
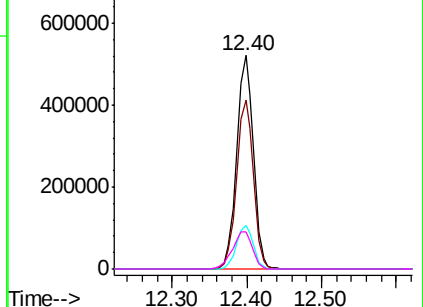


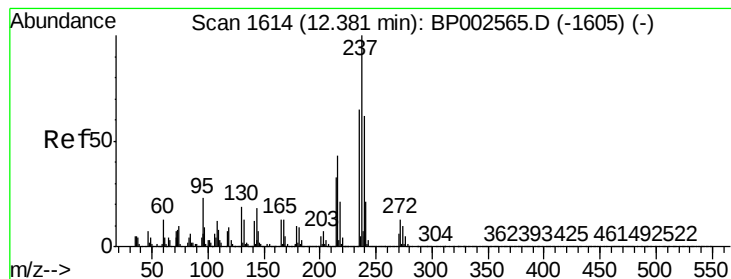
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 94.892 ng

RT: 12.38 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUMMS

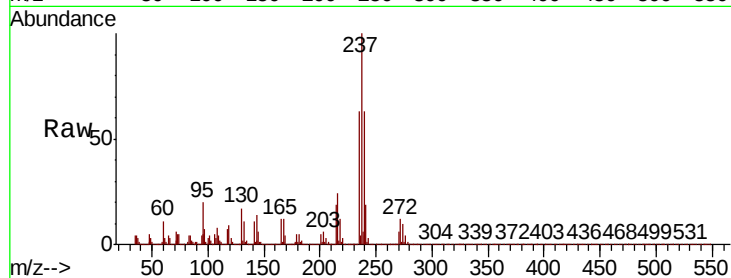
Tot Ion:237 Resp: 919383

Ion Ratio Lower Upper

237 100

235 62.6 45.4 85.4

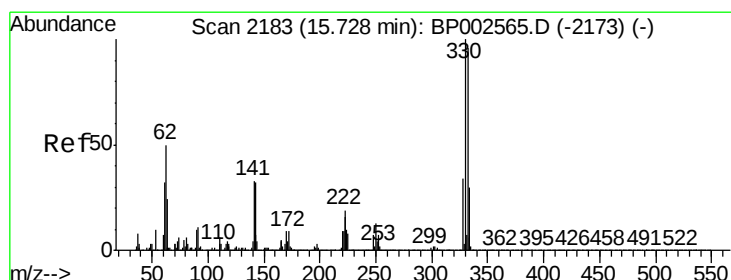
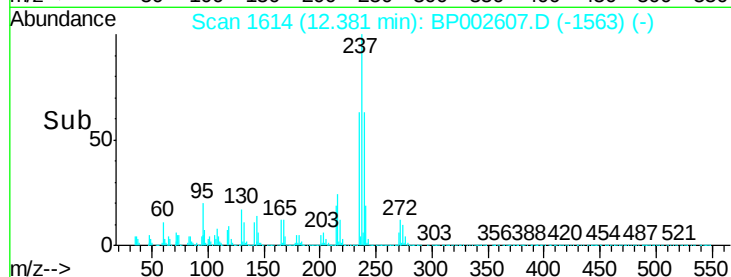
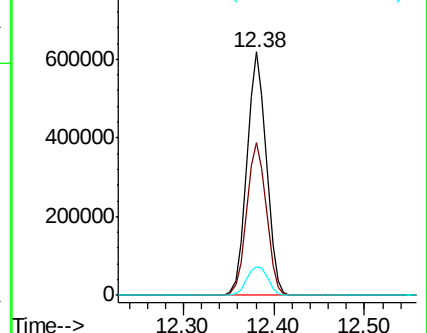
272 11.8 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 100.045 ng

RT: 15.73 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

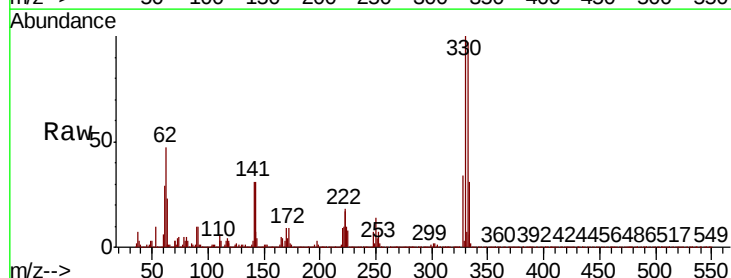
Tgt Ion:330 Resp: 716768

Ion Ratio Lower Upper

330 100

332 96.4 77.7 116.5

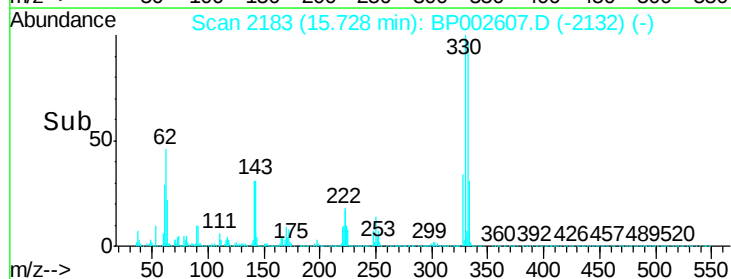
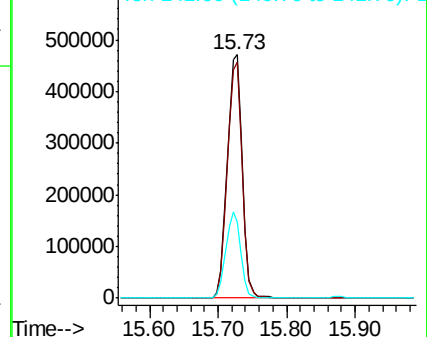
141 34.9 29.0 43.6

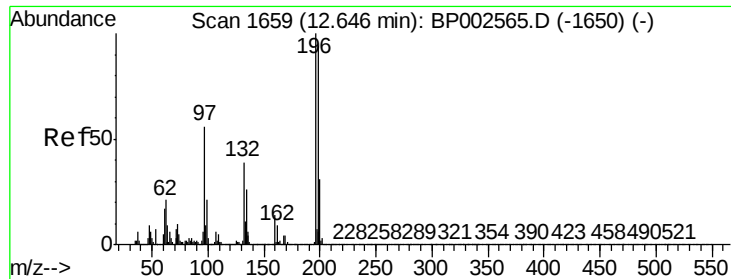


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

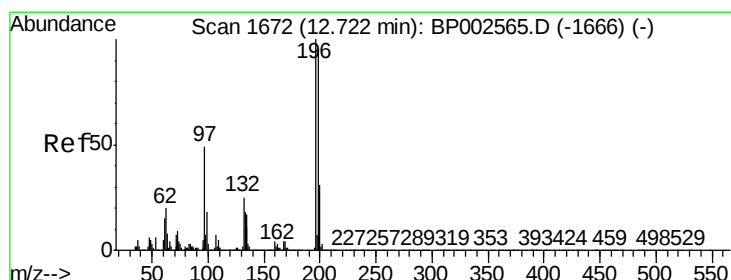
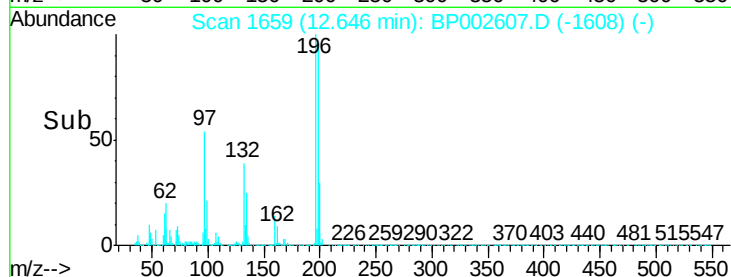
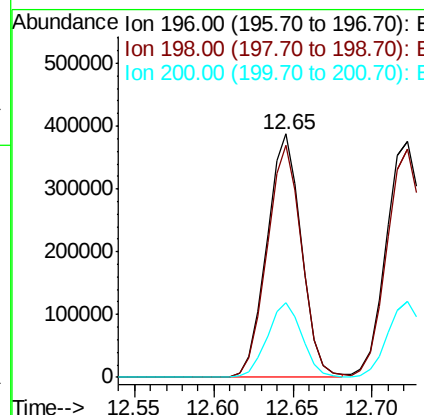
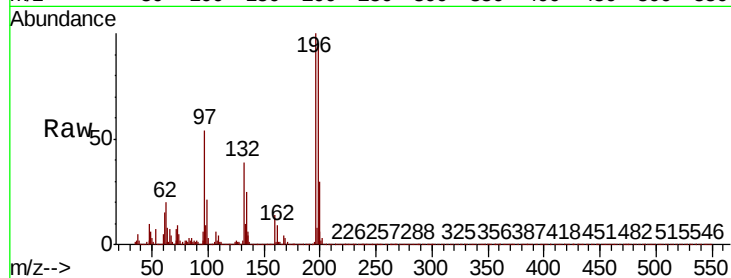




#43
 2,4,6-Trichlorophenol
 Concen: 47.266 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: BP002607.D
 Acq: 01 Jul 2020 16:49

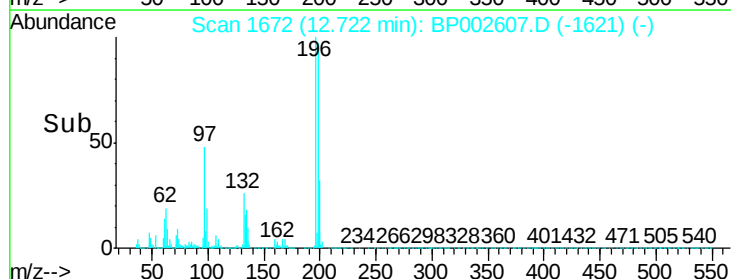
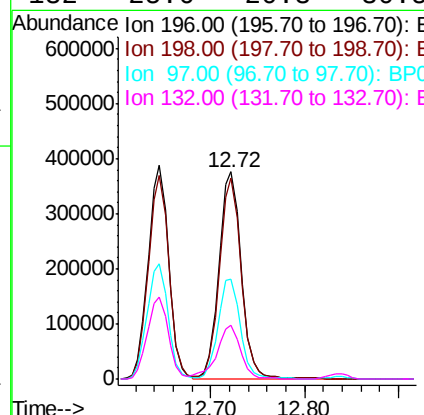
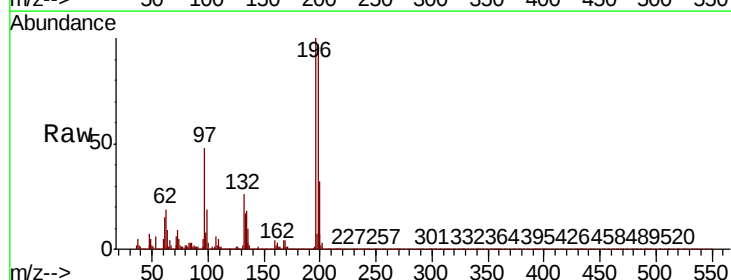
Instrument :
 BNA_P
 ClientSampleId :
 MUDDY-DRUMMS

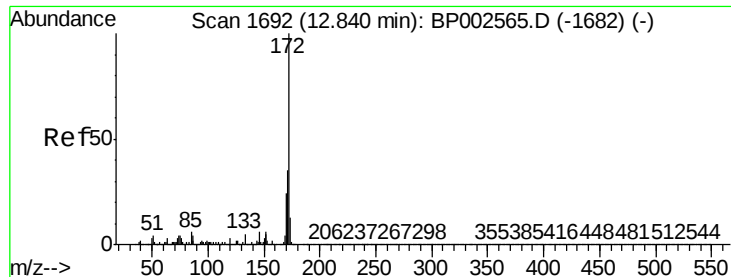
Tot Ion:196 Resp: 588236
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.3 112.9
 200 30.4 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 43.707 ng
 RT: 12.72 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BP002607.D
 Acq: 01 Jul 2020 16:49

Tgt Ion:196 Resp: 626169
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.4 113.0
 97 48.3 39.3 58.9
 132 25.6 20.3 30.5

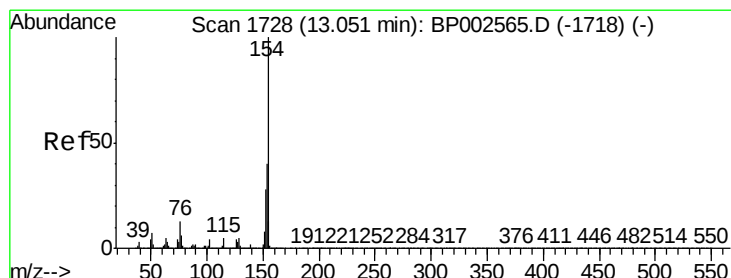
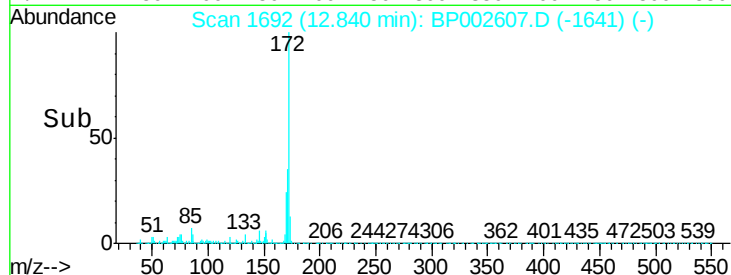
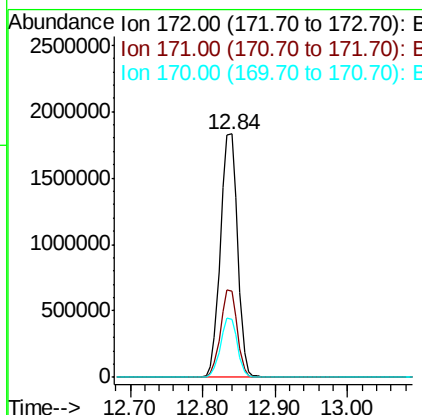
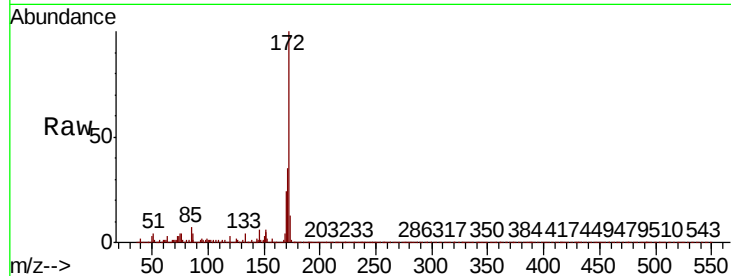




#45
2-Fluorobiphenyl
Concen: 75.377 ng
RT: 12.84 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

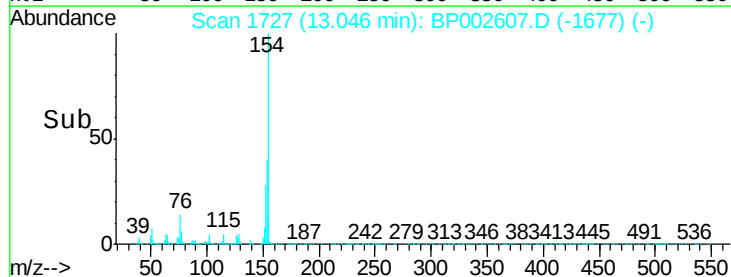
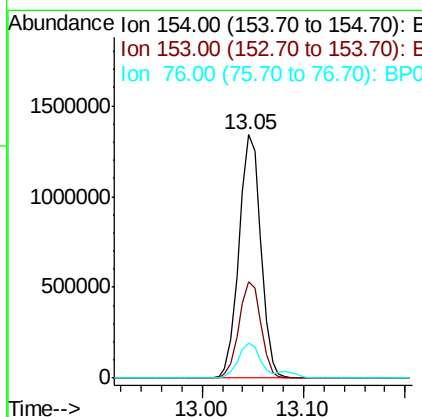
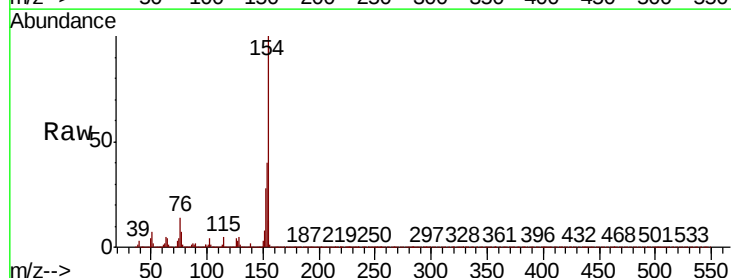
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMS

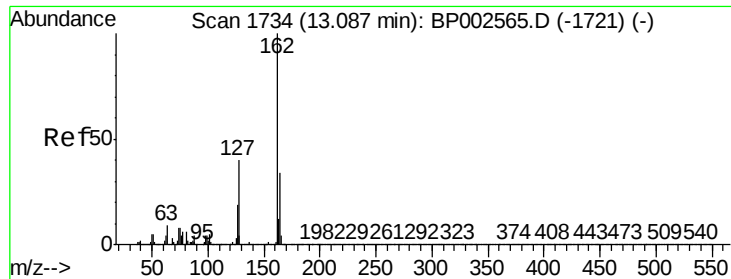
Tot Ion:172 Resp: 3016687
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 24.1 19.0 28.4



#46
1,1'-Biphenyl
Concen: 45.006 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Tgt Ion:154 Resp: 2005346
Ion Ratio Lower Upper
154 100
153 39.7 20.0 60.0
76 14.4 0.0 33.0

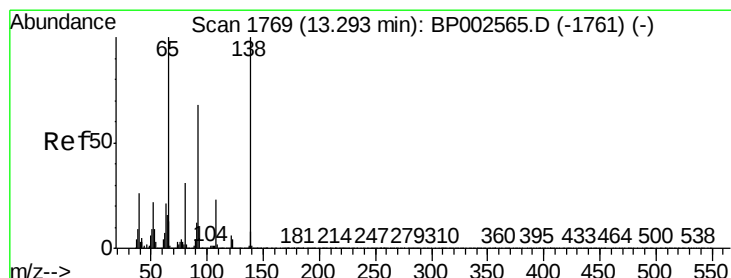
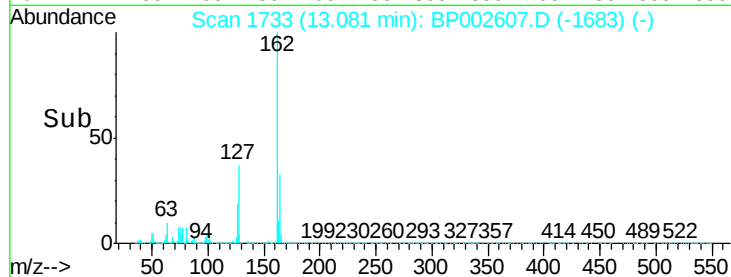
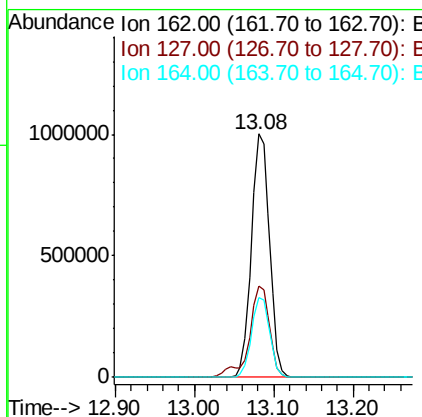
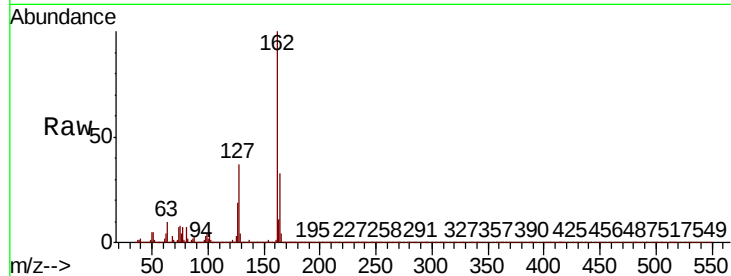




#47
2-Chloronaphthalene
Concen: 44.070 ng
RT: 13.08 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

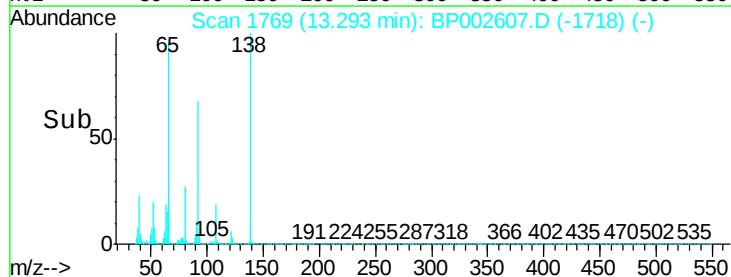
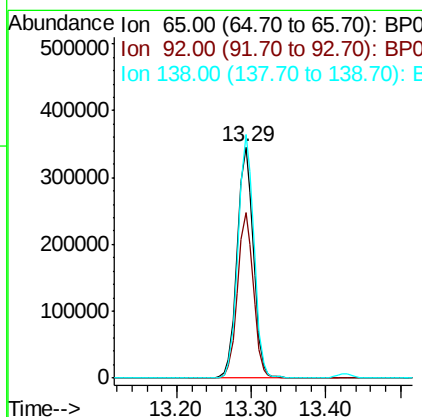
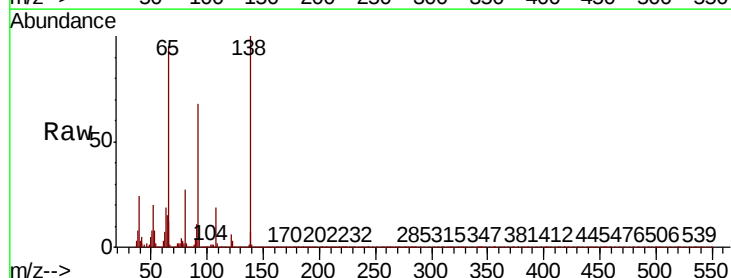
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMS

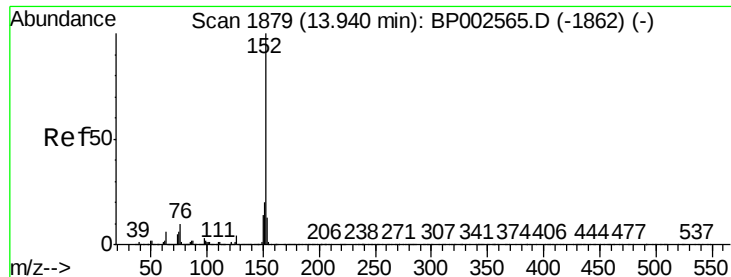
Tot Ion:162 Resp: 1598420
Ion Ratio Lower Upper
162 100
127 37.3 31.7 47.5
164 32.9 27.3 40.9



#48
2-Nitroaniline
Concen: 45.236 ng
RT: 13.29 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Tgt Ion: 65 Resp: 523429
Ion Ratio Lower Upper
65 100
92 71.4 54.2 81.4
138 105.3 79.8 119.8





#49

Acenaphthylene

Concen: 44.039 ng

RT: 13.94 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Instrument :

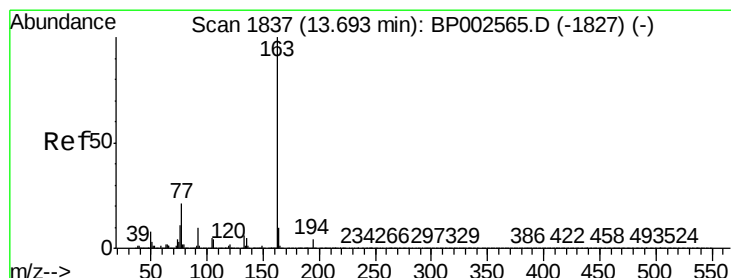
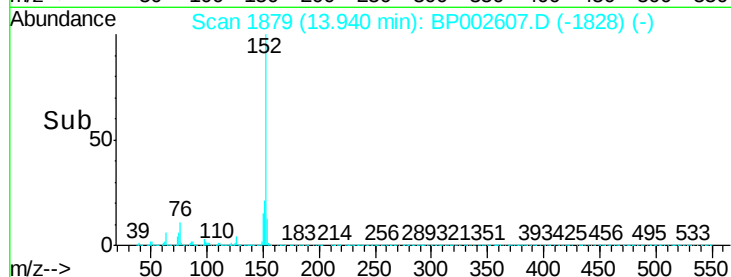
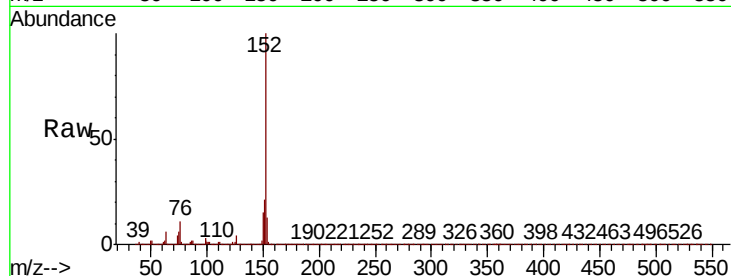
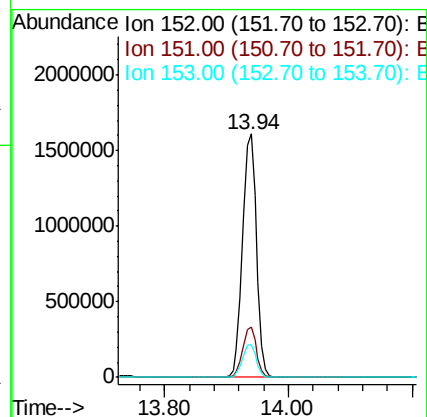
BNA_P

ClientSampleId :

MUDDY-DRUMMS

Tot Ion:152 Resp: 2513827

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.7	23.5
153	13.2	10.2	15.2



#50

Dimethylphthalate

Concen: 50.270 ng

RT: 13.69 min Scan# 1837

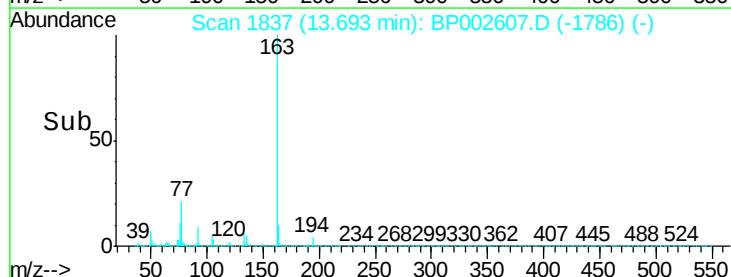
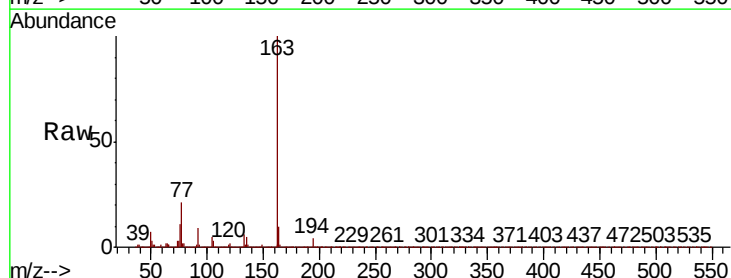
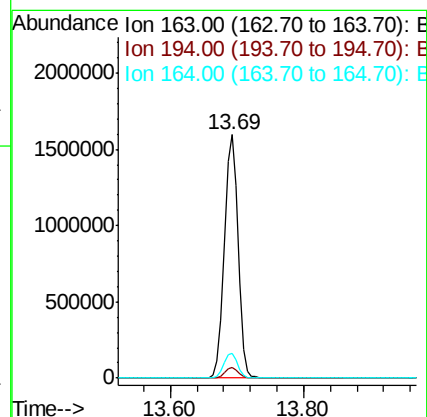
Delta R.T. 0.00 min

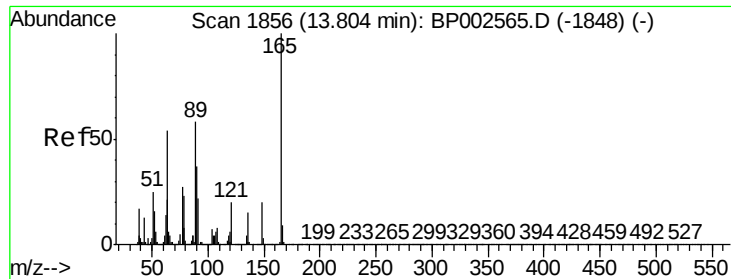
Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Tgt Ion:163 Resp: 2325731

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.4	8.2	12.4

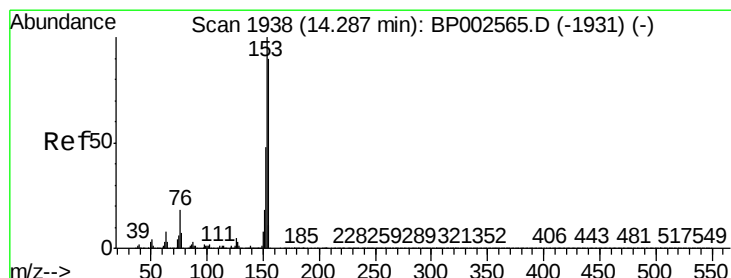
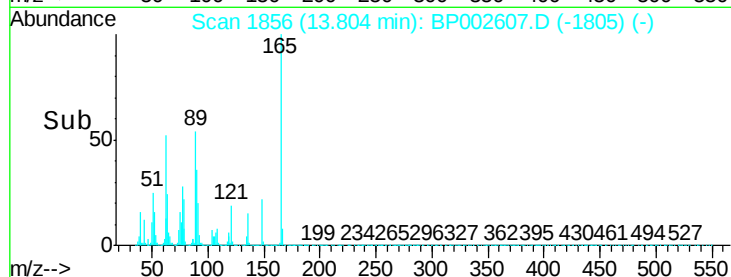
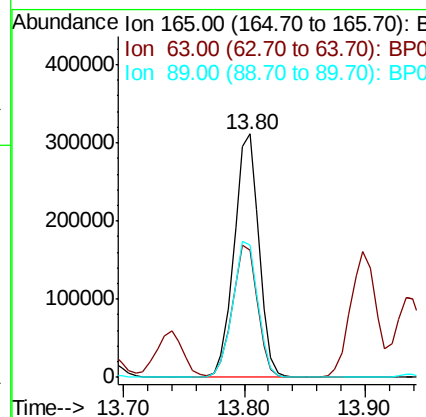
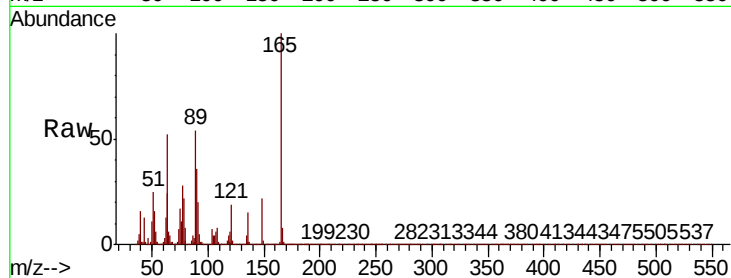




#51
2,6-Dinitrotoluene
Concen: 44.428 ng
RT: 13.80 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

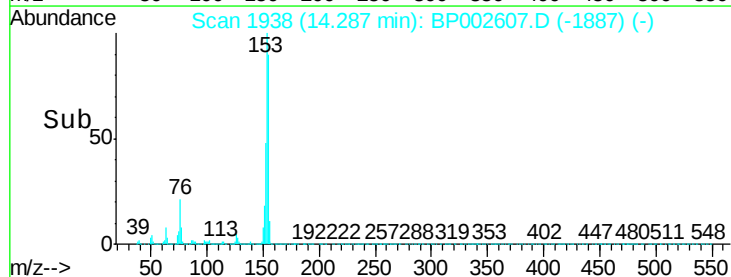
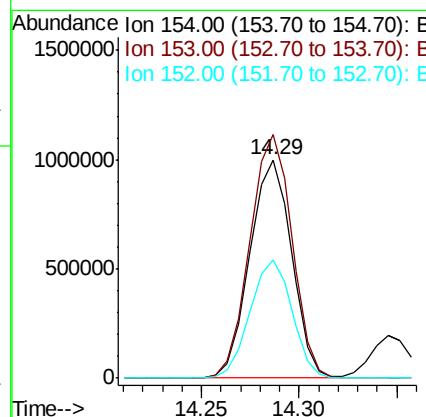
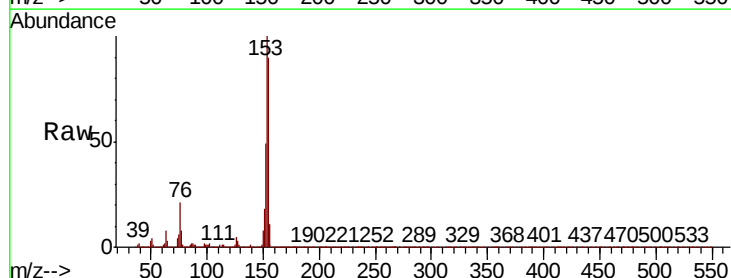
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMS

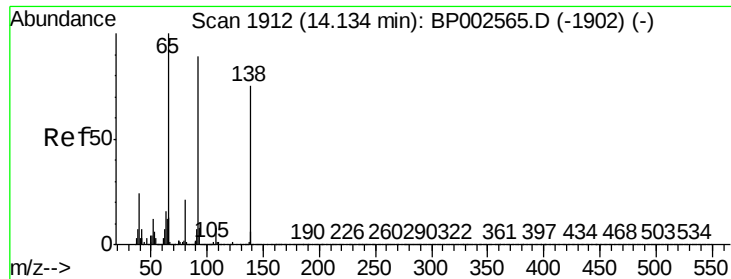
Tot Ion:165 Resp: 443919
Ion Ratio Lower Upper
165 100
63 52.2 46.6 69.8
89 54.3 46.3 69.5



#52
Acenaphthene
Concen: 44.127 ng
RT: 14.29 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Tgt Ion:154 Resp: 1486120
Ion Ratio Lower Upper
154 100
153 111.5 89.1 133.7
152 54.3 43.2 64.8

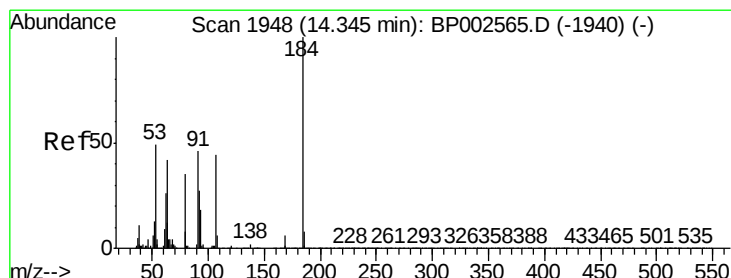
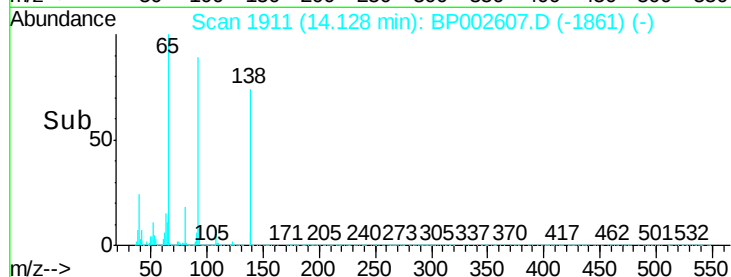
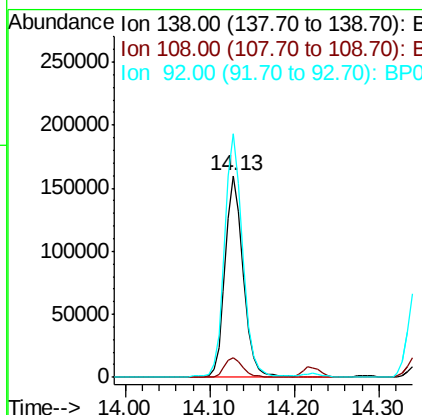
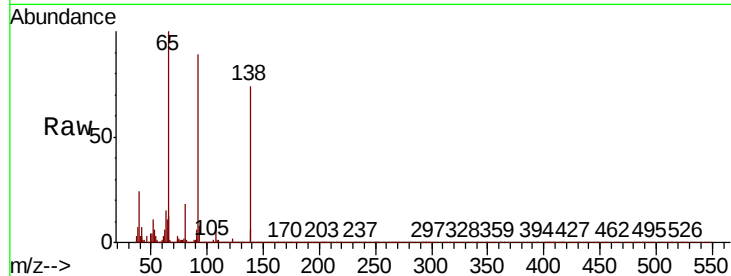




#53
 3-Nitroaniline
 Concen: 21.765 ng
 RT: 14.13 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BP002607.D
 Acq: 01 Jul 2020 16:49

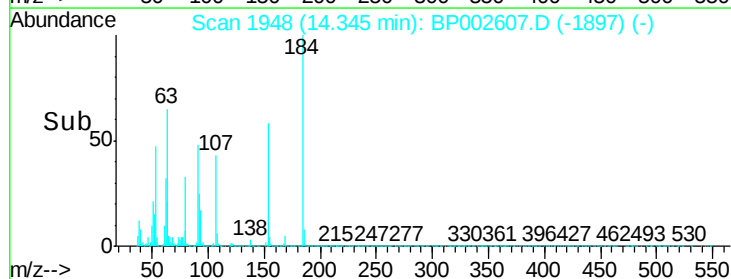
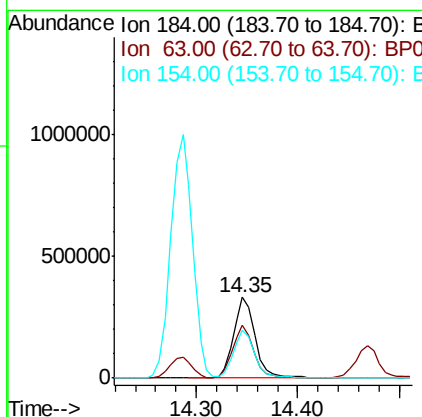
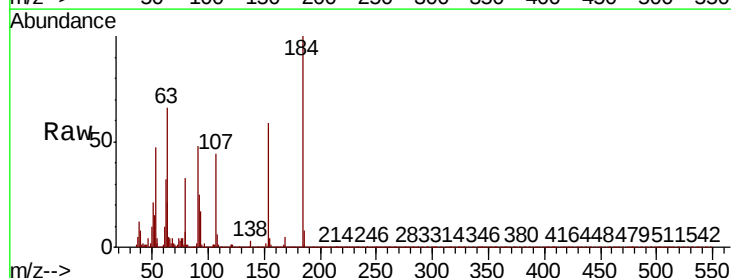
Instrument :
 BNA_P
 ClientSampleId :
 MUDDY-DRUMMS

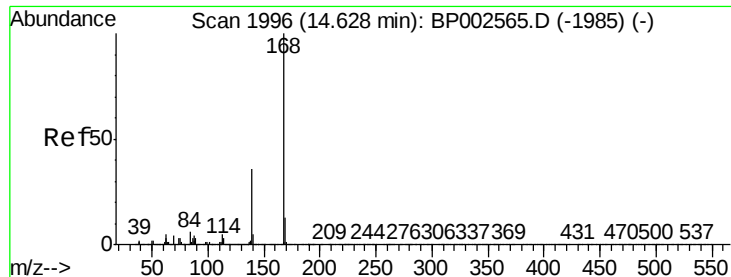
Tot Ion:138 Resp: 236798
 Ion Ratio Lower Upper
 138 100
 108 9.8 8.6 12.8
 92 120.7 94.9 142.3



#54
 2,4-Dinitrophenol
 Concen: 78.599 ng
 RT: 14.35 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: BP002607.D
 Acq: 01 Jul 2020 16:49

Tgt Ion:184 Resp: 488862
 Ion Ratio Lower Upper
 184 100
 63 65.5 56.2 84.2
 154 58.5 50.9 76.3





#55

Dibenzofuran

Concen: 42.287 ng

RT: 14.63 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Instrument :

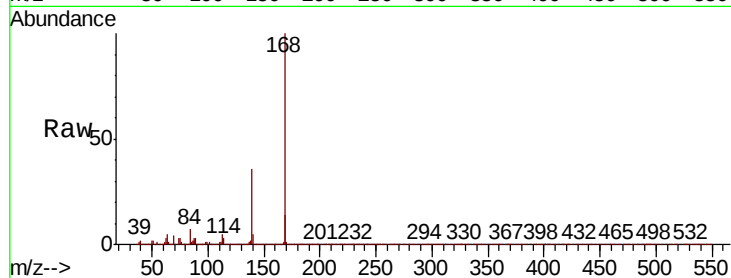
BNA_P

ClientSampleId :

MUDDY-DRUMMS

Tot Ion:168 Resp: 2307925

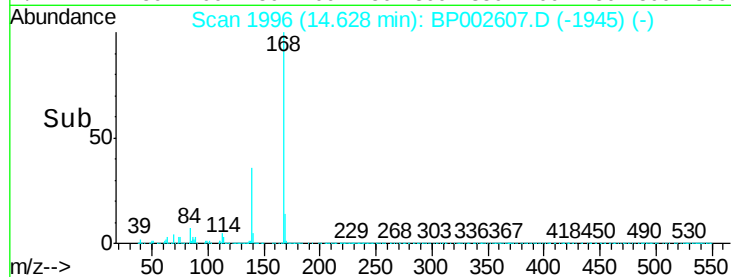
Ion	Ratio	Lower	Upper
168	100		
139	36.3	29.3	43.9
169	13.8	10.6	15.8



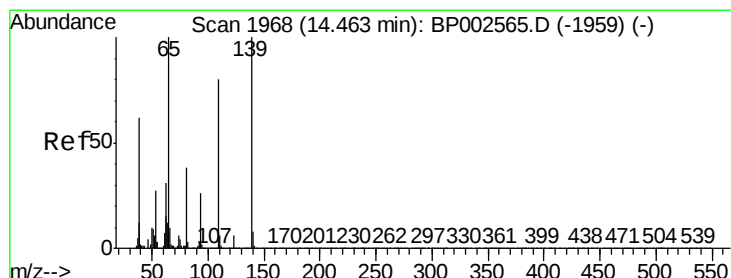
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->



#56

4-Nitrophenol

Concen: 83.020 ng

RT: 14.47 min Scan# 1969

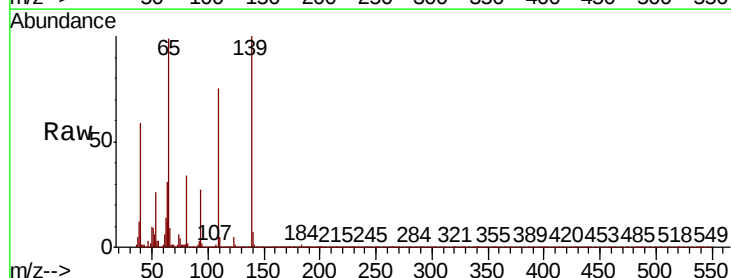
Delta R.T. 0.01 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Tgt Ion:139 Resp: 713837

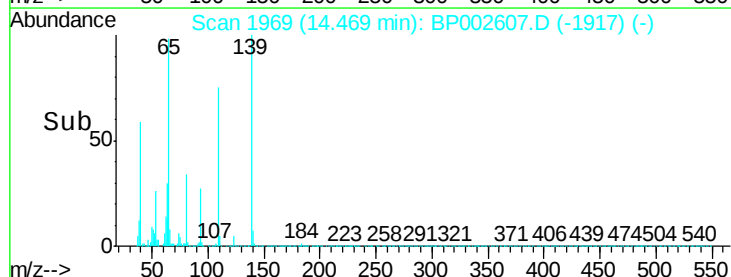
Ion	Ratio	Lower	Upper
139	100		
109	74.7	60.1	100.1
65	99.2	80.3	120.3



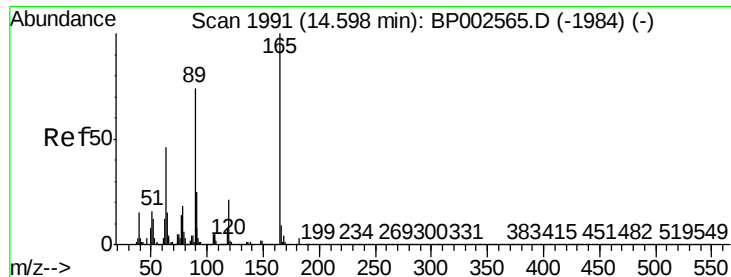
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0



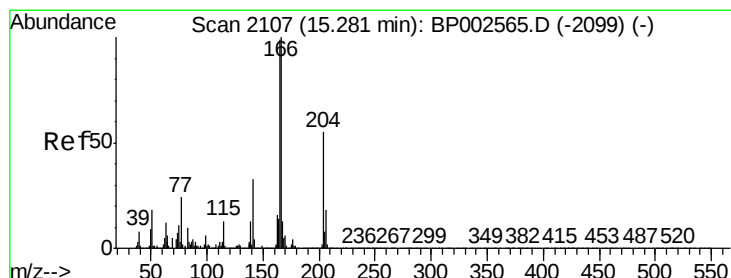
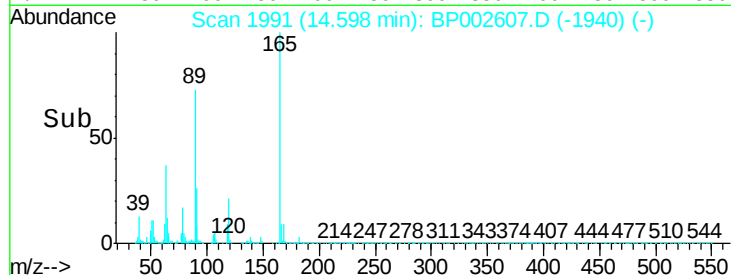
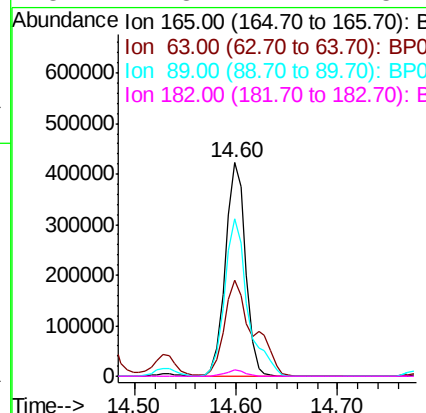
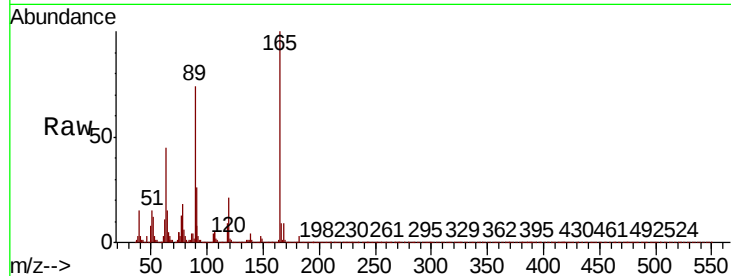
Time-->



#57
 2,4-Dinitrotoluene
 Concen: 43.049 ng
 RT: 14.60 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BP002607.D
 Acq: 01 Jul 2020 16:49

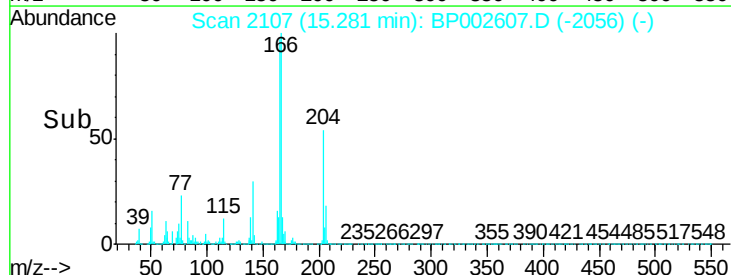
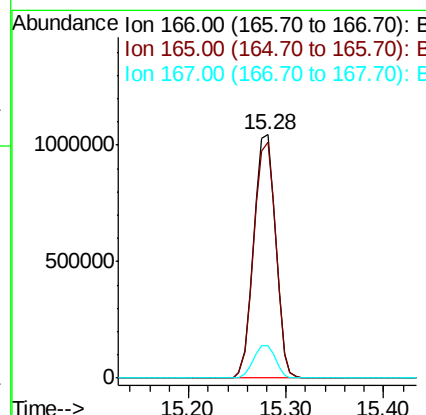
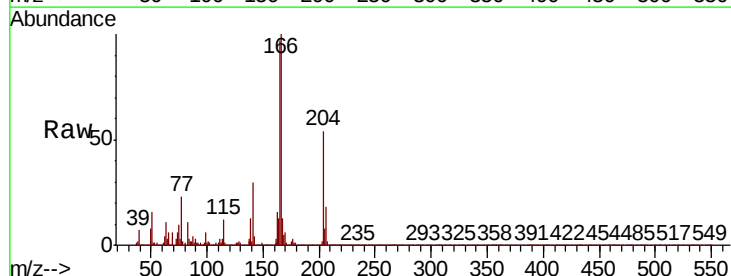
Instrument :
 BNA_P
 ClientSampleId :
 MUDDY-DRUMMS

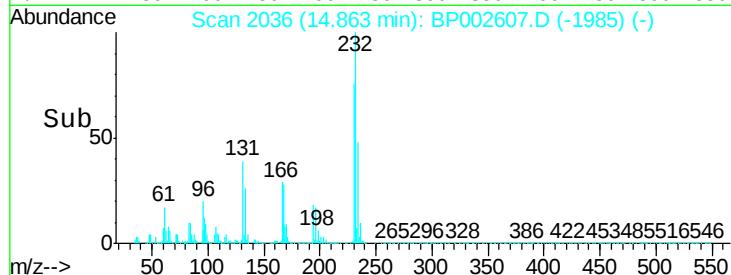
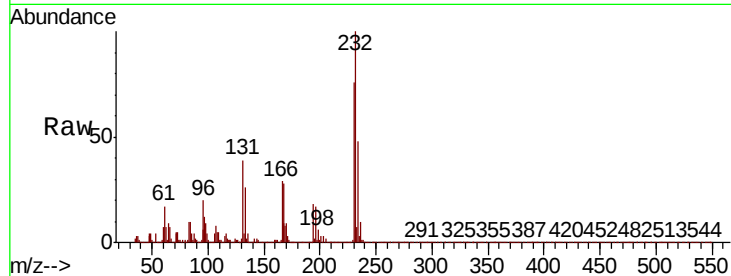
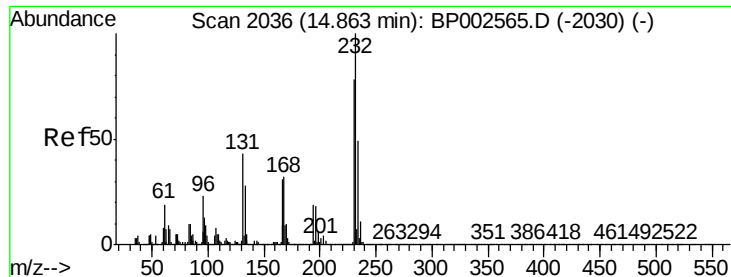
Tot Ion:165 Resp: 578630
 Ion Ratio Lower Upper
 165 100
 63 45.2 37.3 55.9
 89 73.5 59.4 89.0
 182 2.8 2.2 3.2



#58
 Fluorene
 Concen: 39.318 ng
 RT: 15.28 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BP002607.D
 Acq: 01 Jul 2020 16:49

Tgt Ion:166 Resp: 1634326
 Ion Ratio Lower Upper
 166 100
 165 96.8 79.1 118.7
 167 13.4 10.8 16.2

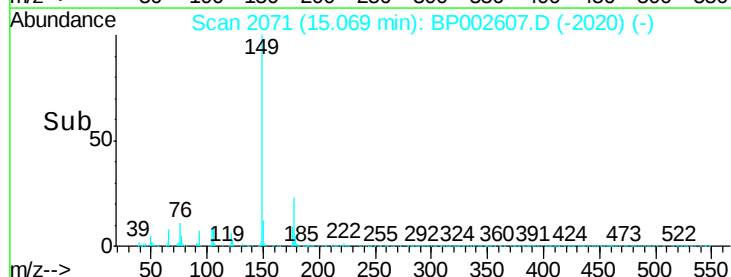
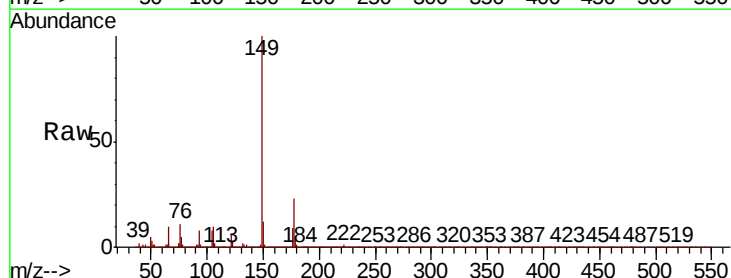
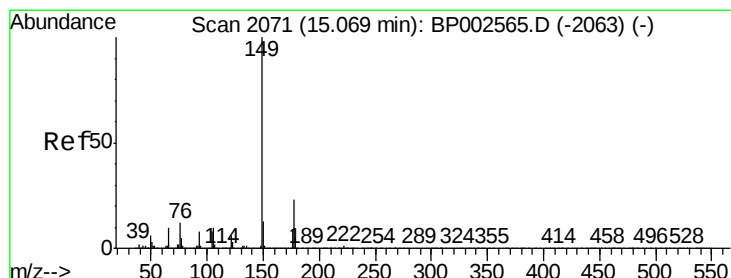
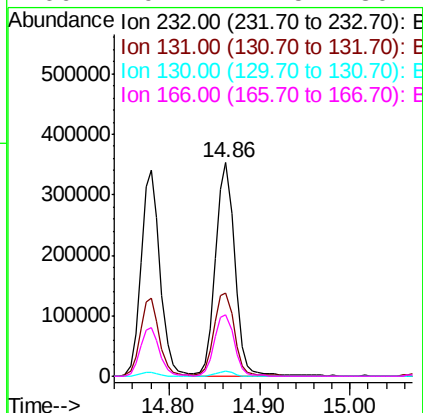




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.788 ng
RT: 14.86 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

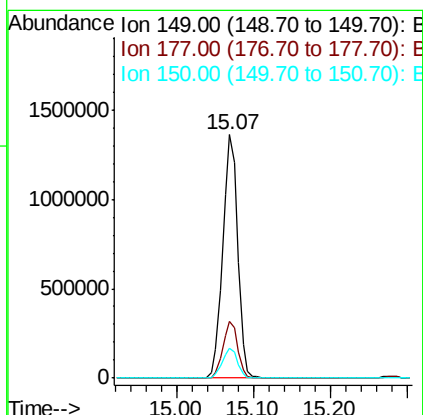
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMS

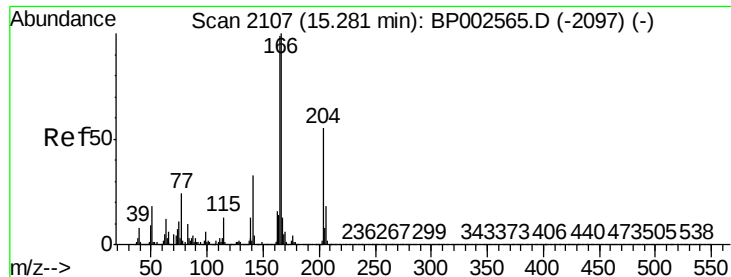
Tot Ion:232	Resp:	518339
Ion Ratio	Lower	Upper
232	100	
131	41.0	34.4 51.6
130	2.2	1.8 2.6
166	29.7	24.5 36.7



#60
Diethylphthalate
Concen: 39.882 ng
RT: 15.07 min Scan# 2071
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Tgt Ion:149	Resp:	1834753
Ion Ratio	Lower	Upper
149	100	
177	23.1	18.6 27.8
150	12.4	10.2 15.2

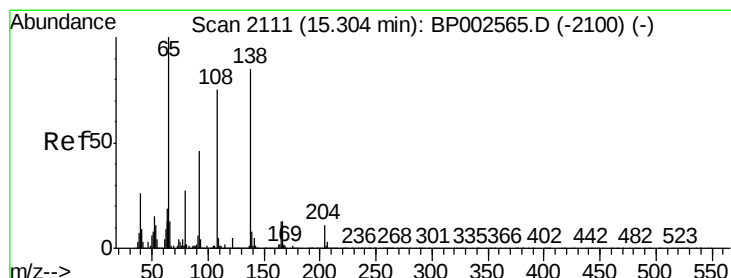
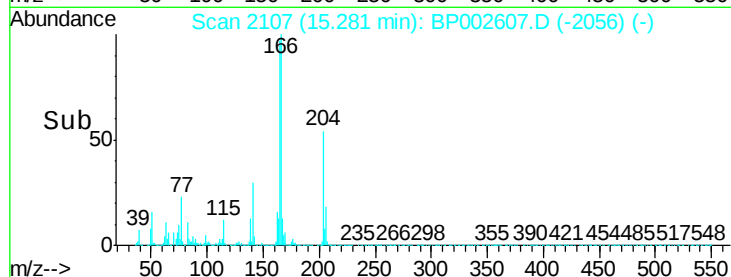
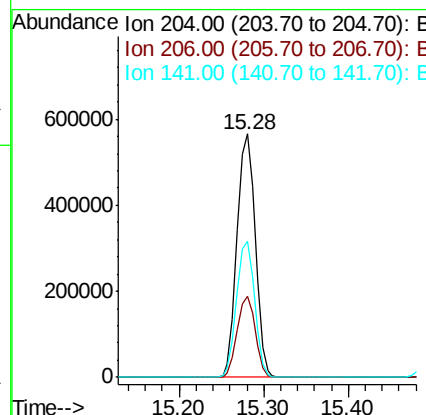
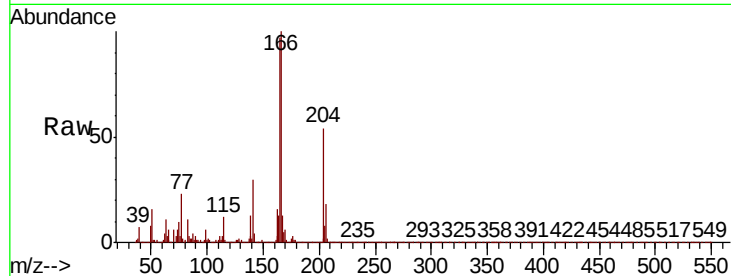




#61
4-Chlorophenyl-phenylether
Concen: 37.468 ng
RT: 15.28 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

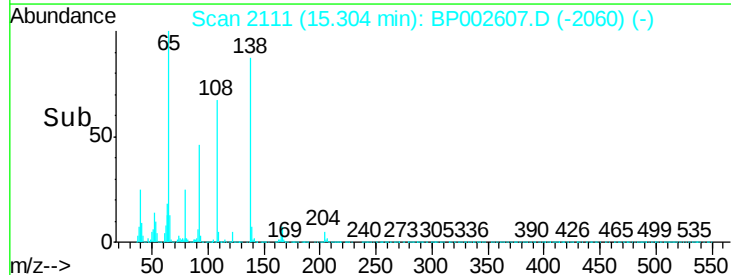
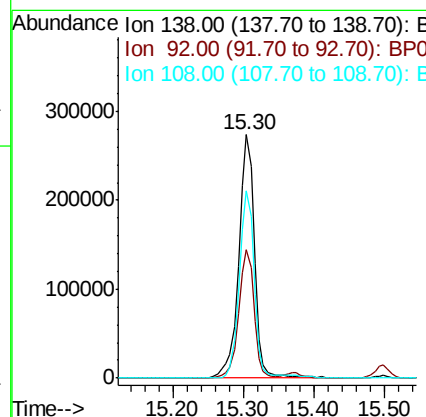
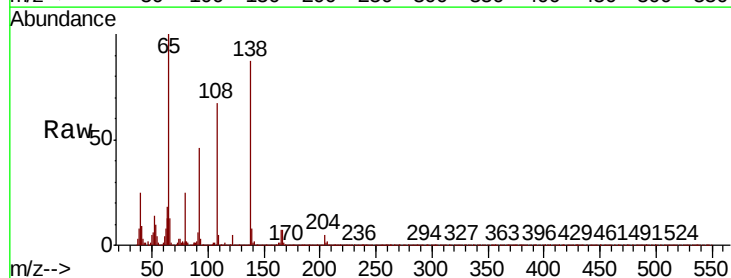
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMS

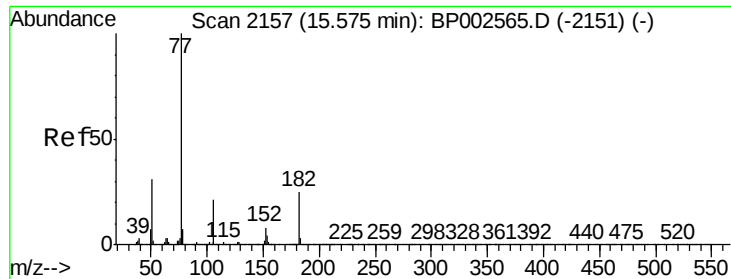
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	55.8	47.7	71.5



#62
4-Nitroaniline
Concen: 38.901 ng
RT: 15.30 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.7	33.9	73.9
108	77.2	67.8	107.8



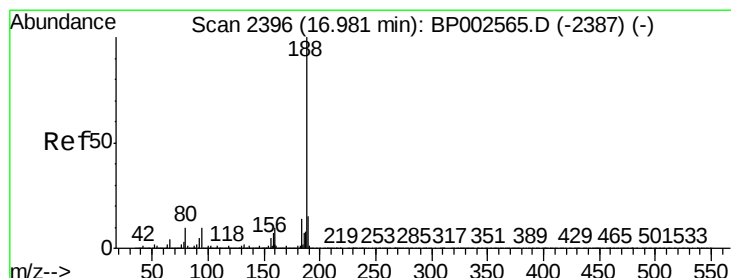
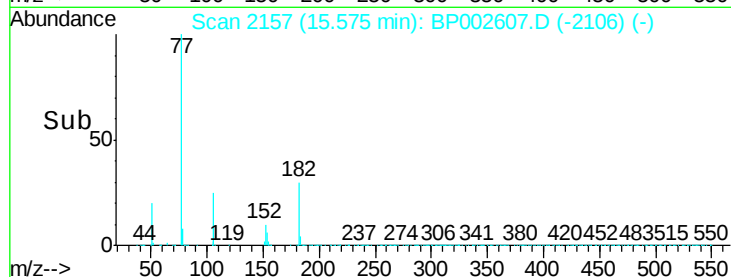
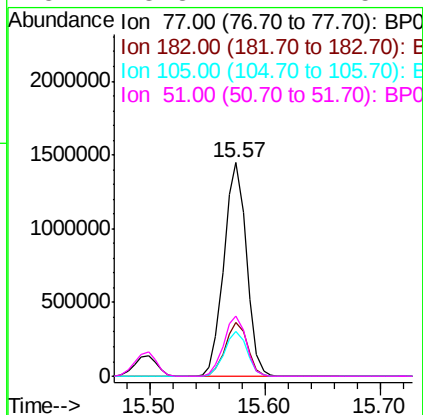
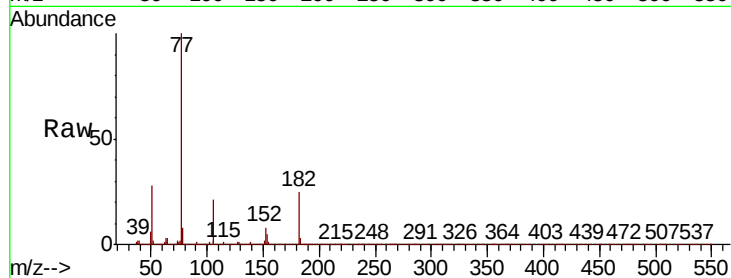


#63
Azobenzene
Concen: 43.925 ng
RT: 15.57 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMS

Tot Ion: 77 Resp: 1953912

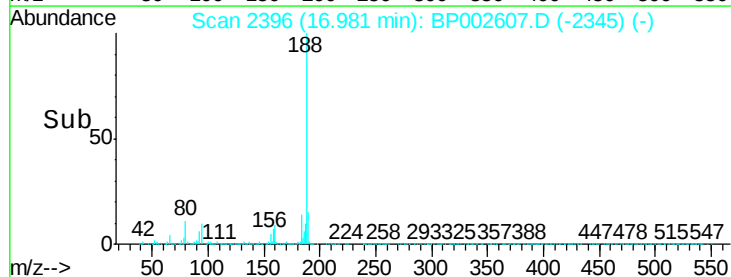
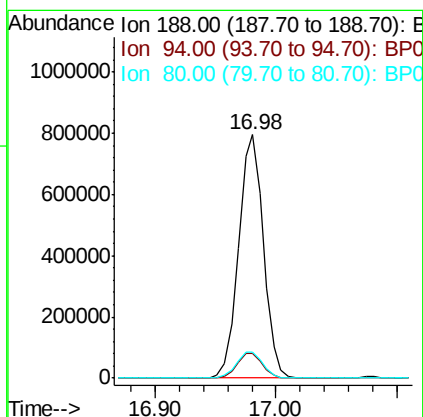
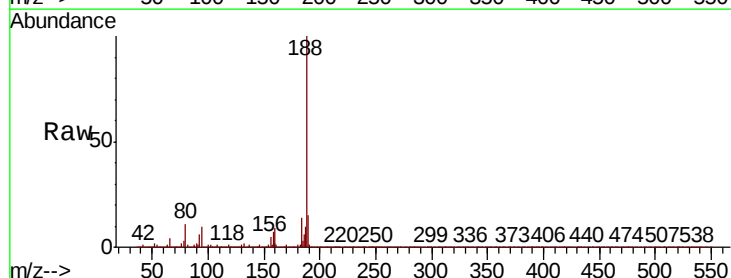
Ion	Ratio	Lower	Upper
77	100		
182	25.3	4.7	44.7
105	21.1	0.6	40.6
51	28.3	11.2	51.2

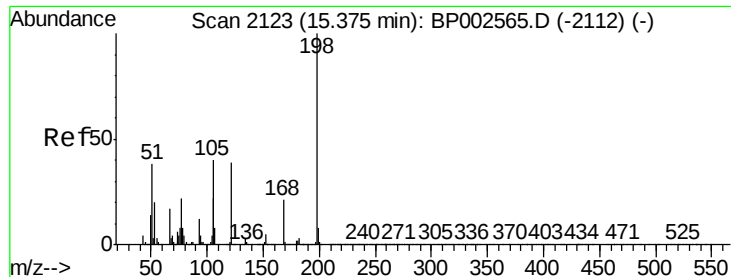


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Tgt Ion: 188 Resp: 1137035

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.6
80	10.7	8.2	12.4





#65

4,6-Dinitro-2-methylphenol

Concen: 46.405 ng

RT: 15.37 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUMMS

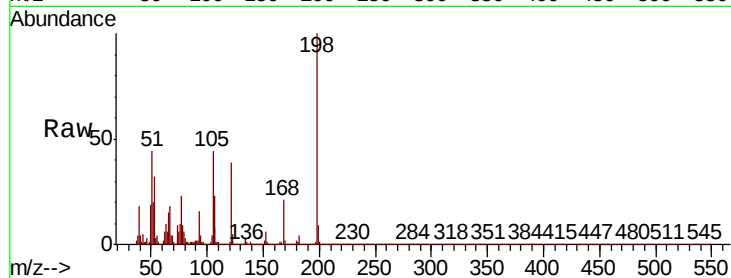
Tot Ion:198 Resp: 338909

Ion Ratio Lower Upper

198 100

51 43.6 24.2 64.2

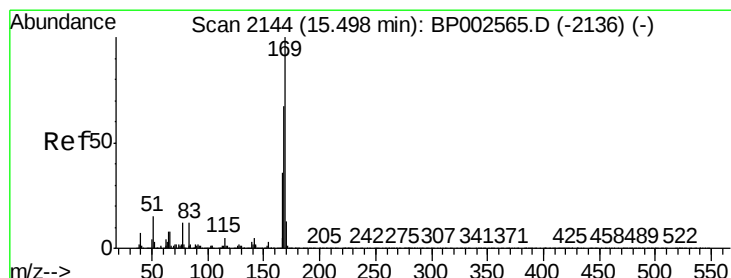
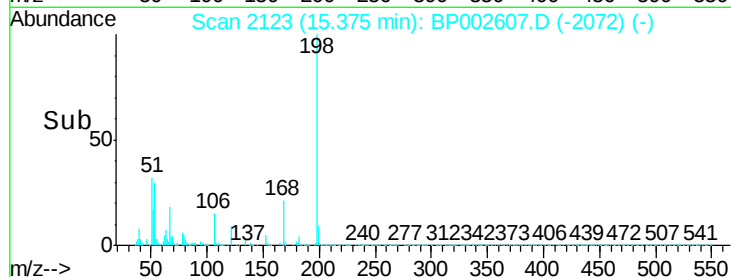
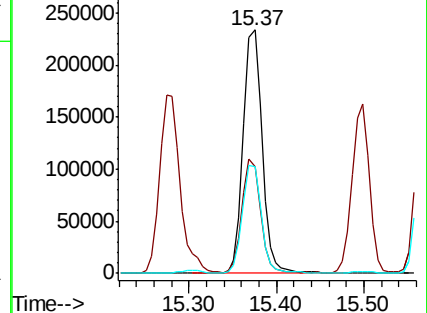
105 44.0 20.7 60.7



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: 47.259 ng

RT: 15.50 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

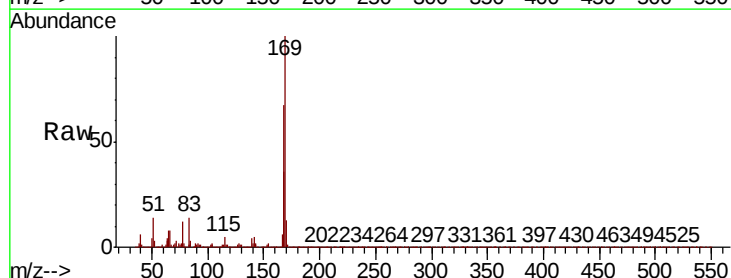
Tgt Ion:169 Resp: 1568645

Ion Ratio Lower Upper

169 100

168 67.3 53.5 80.3

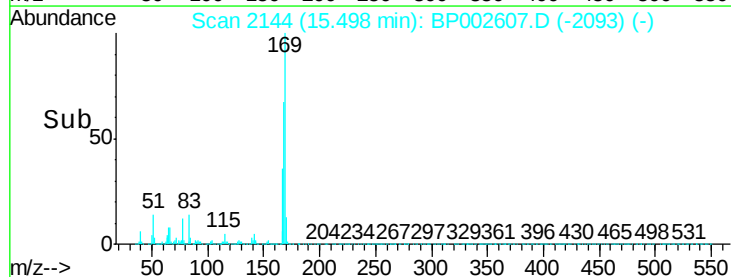
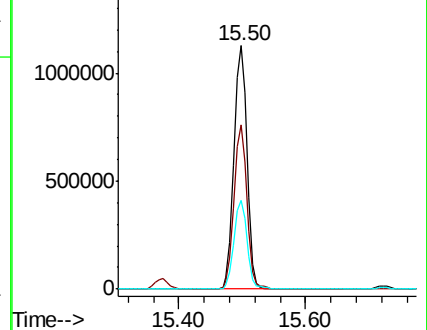
167 36.5 29.1 43.7

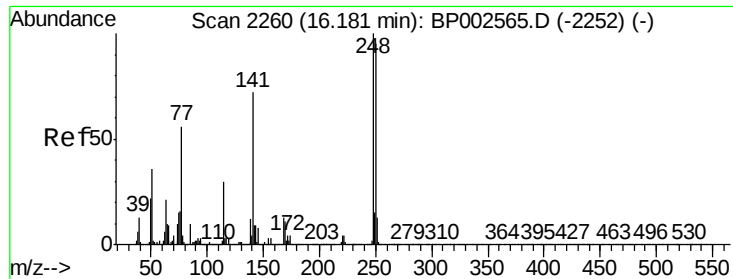


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

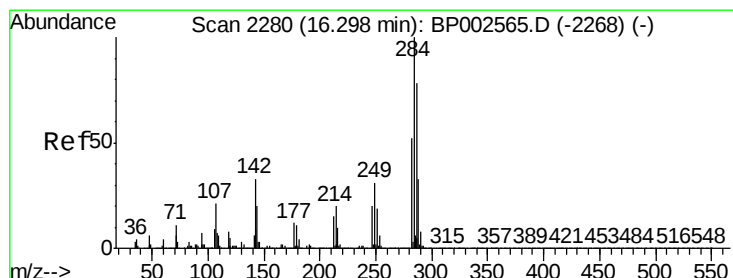
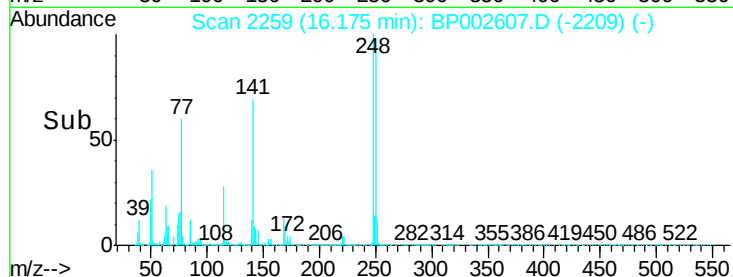
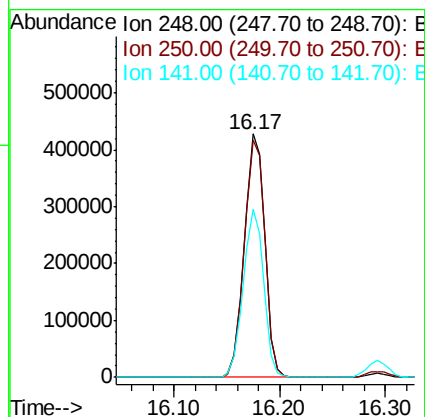
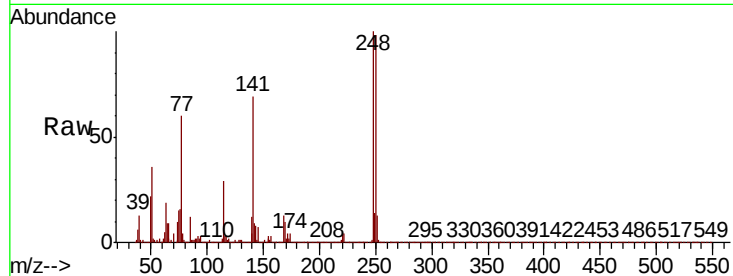




#67
4-Bromophenyl-phenylether
Concen: 44.584 ng
RT: 16.17 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

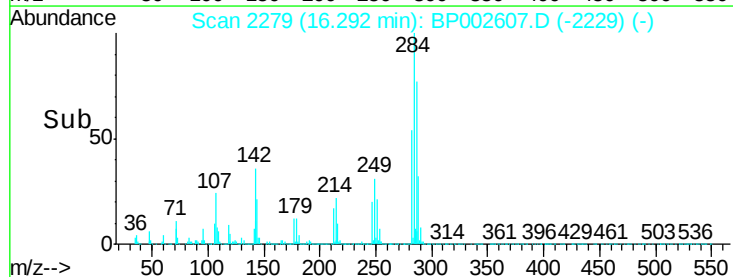
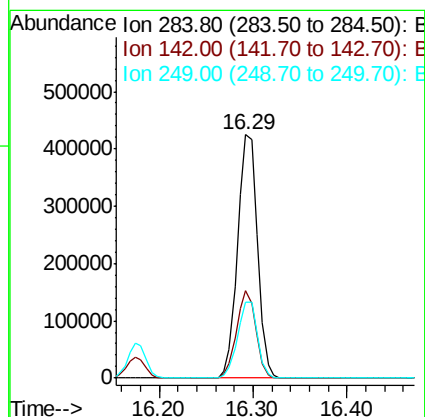
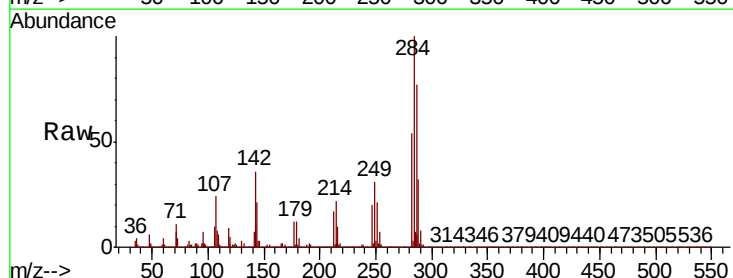
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMS

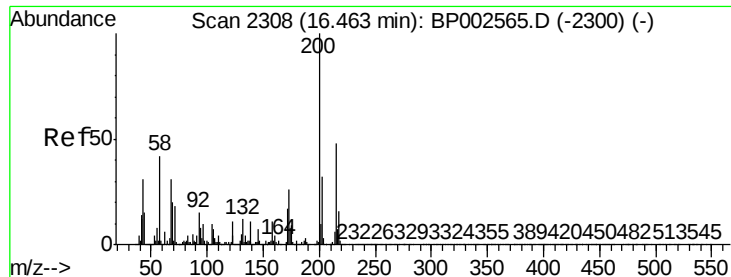
Tot Ion:248 Resp: 569664
Ion Ratio Lower Upper
248 100
250 97.5 76.1 114.1
141 69.2 57.8 86.6



#68
Hexachlorobenzene
Concen: 45.411 ng
RT: 16.29 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Tgt Ion:284 Resp: 621614
Ion Ratio Lower Upper
284 100
142 35.9 26.6 40.0
249 31.1 25.1 37.7

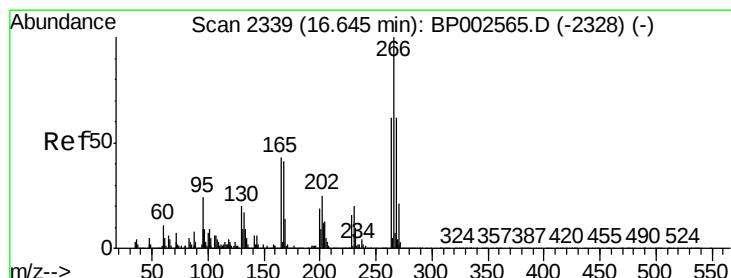
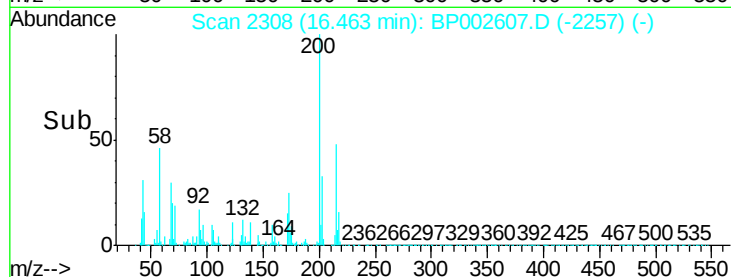
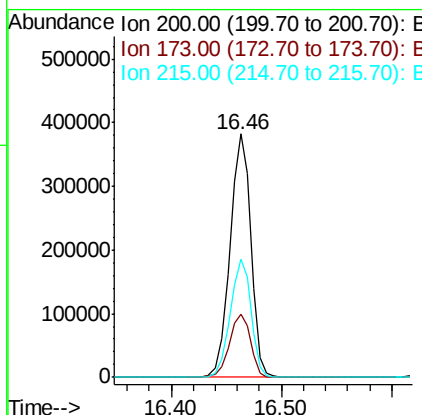
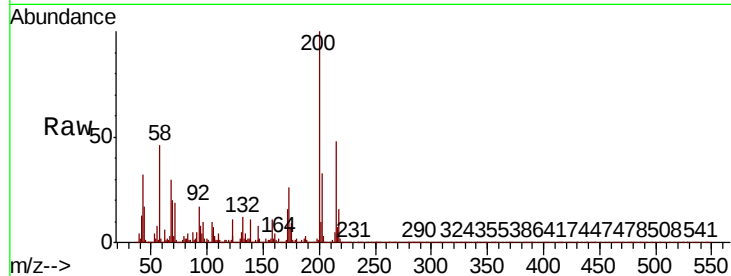




#69
Atrazine
Concen: 47.504 ng
RT: 16.46 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

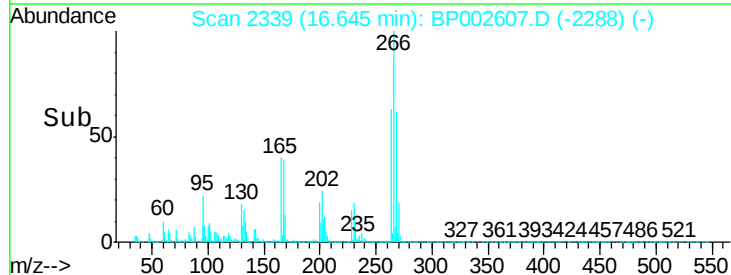
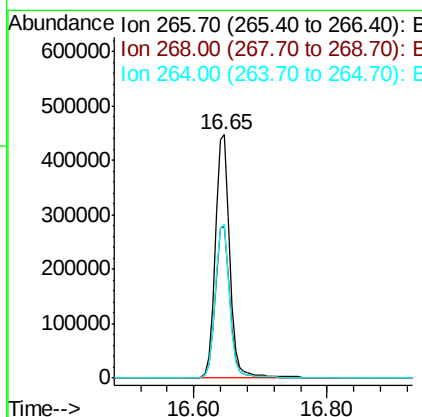
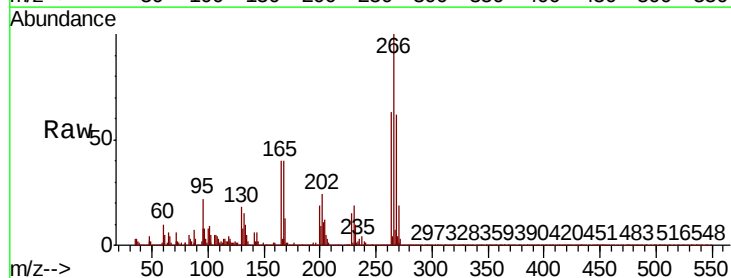
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMS

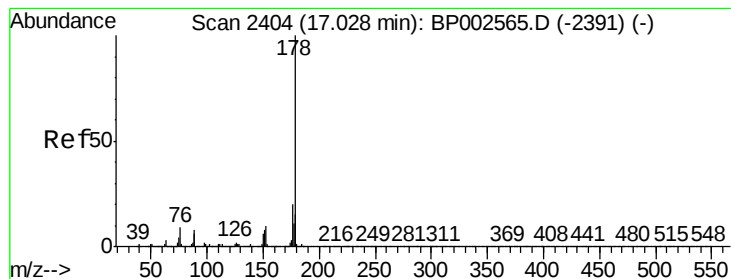
Tot Ion:200 Resp: 505946
Ion Ratio Lower Upper
200 100
173 26.1 6.3 46.3
215 48.5 28.3 68.3



#70
Pentachlorophenol
Concen: 88.004 ng
RT: 16.65 min Scan# 2339
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Tgt Ion:266 Resp: 690603
Ion Ratio Lower Upper
266 100
268 62.1 49.7 74.5
264 63.4 49.3 73.9





#71

Phenanthrene

Concen: 44.372 ng

RT: 17.02 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUMMS

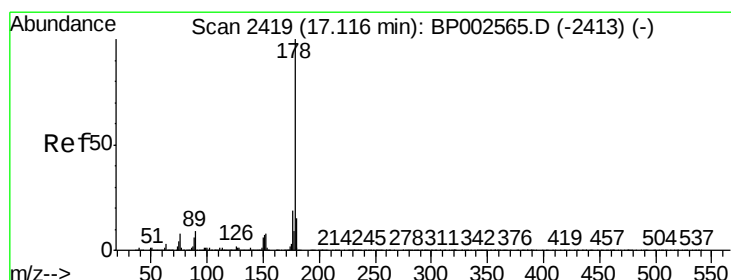
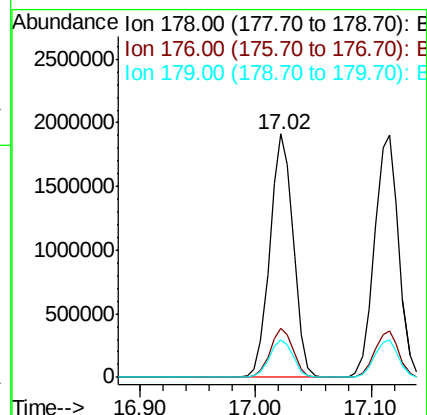
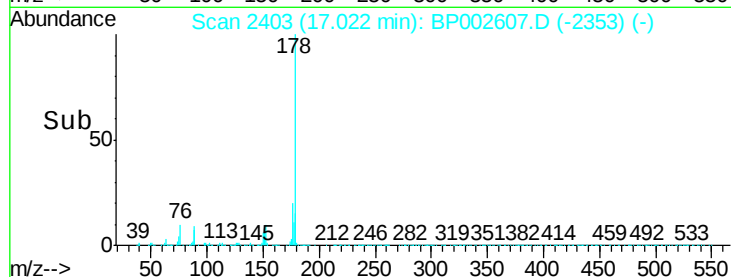
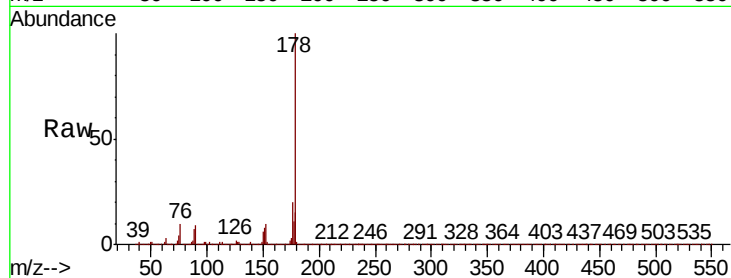
Tot Ion:178 Resp: 2714561

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

179 15.5 12.1 18.1



#72

Anthracene

Concen: 45.579 ng

RT: 17.12 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

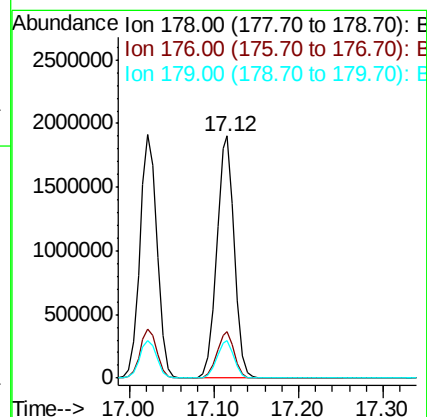
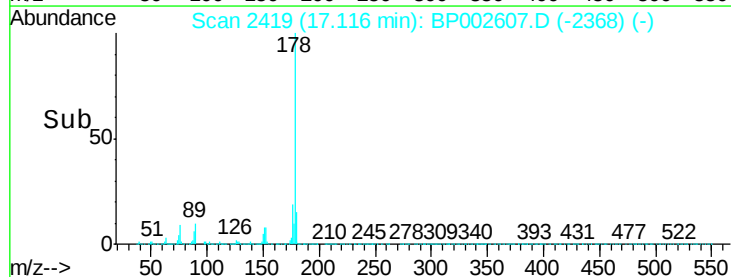
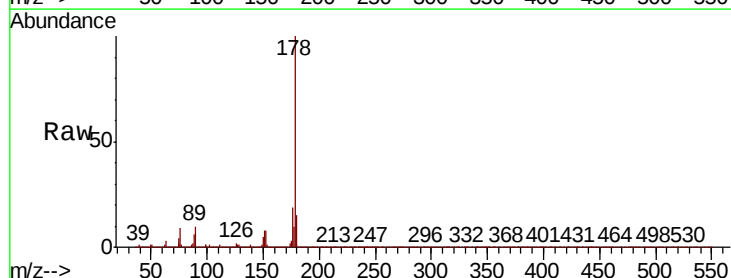
Tgt Ion:178 Resp: 2774752

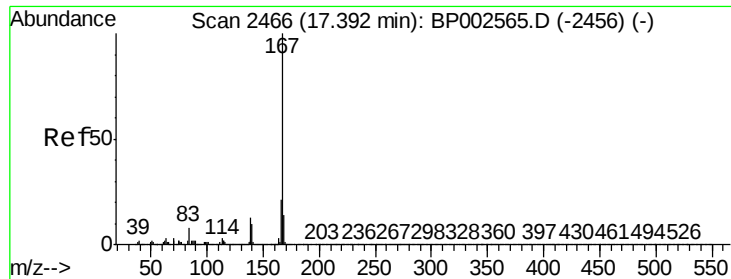
Ion Ratio Lower Upper

178 100

176 19.5 15.0 22.4

179 15.5 12.2 18.2

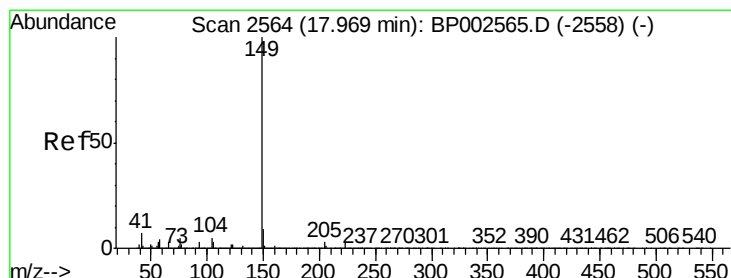
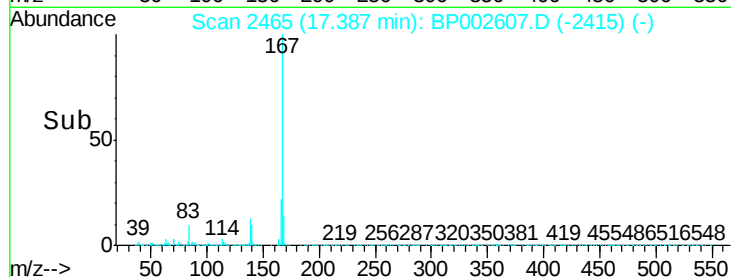
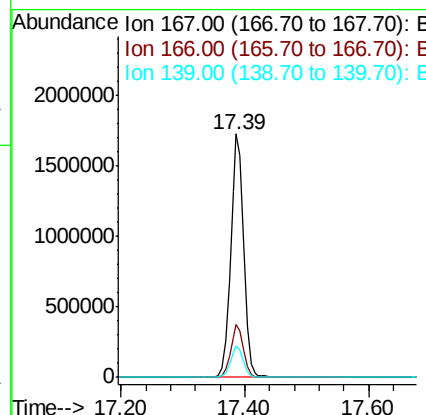
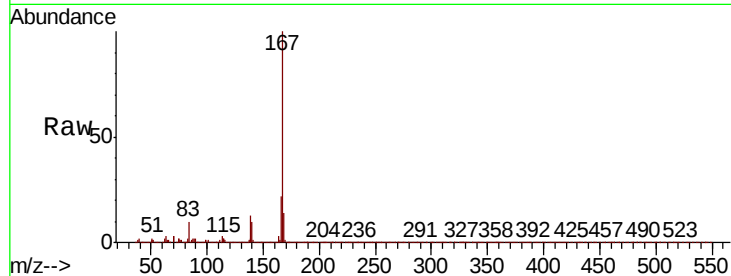




#73
 Carbazole
 Concen: 42.835 ng
 RT: 17.39 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BP002607.D
 Acq: 01 Jul 2020 16:49

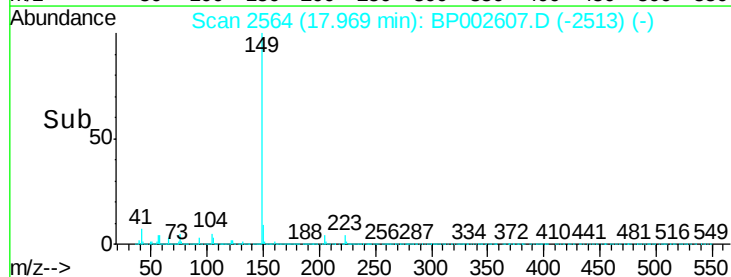
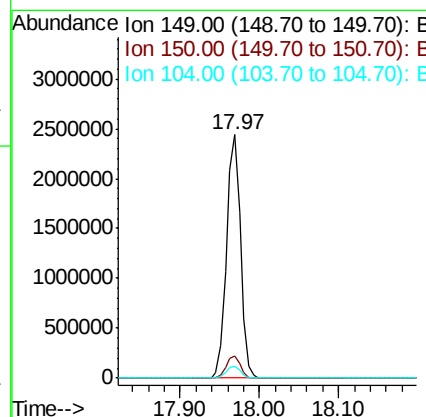
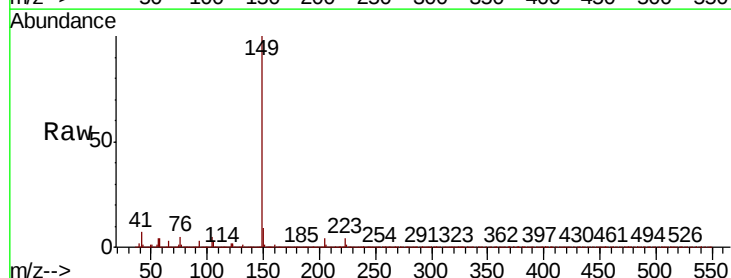
Instrument :
 BNA_P
 ClientSampleId :
 MUDDY-DRUMMS

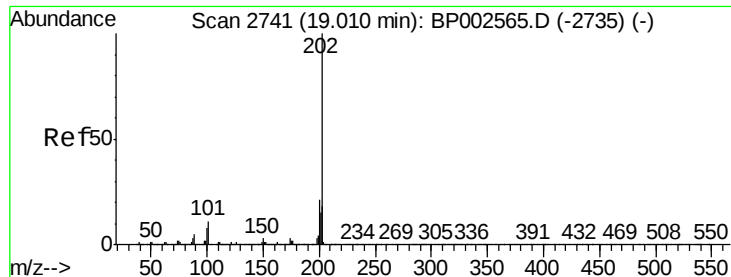
Tot Ion:167 Resp: 2520156
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 12.8 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 42.910 ng
 RT: 17.97 min Scan# 2564
 Delta R.T. 0.00 min
 Lab File: BP002607.D
 Acq: 01 Jul 2020 16:49

Tgt Ion:149 Resp: 2973227
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.1 4.2 6.4





#75

Fluoranthene

Concen: 41.616 ng

RT: 19.01 min Scan# 2741

Delta R.T. 0.00 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Instrument :

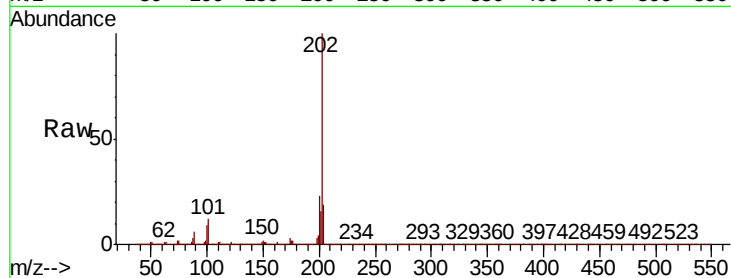
BNA_P

ClientSampleId :

MUDDY-DRUMMS

Tot Ion:202 Resp: 3081705

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.6
203	19.0	0.0	37.7

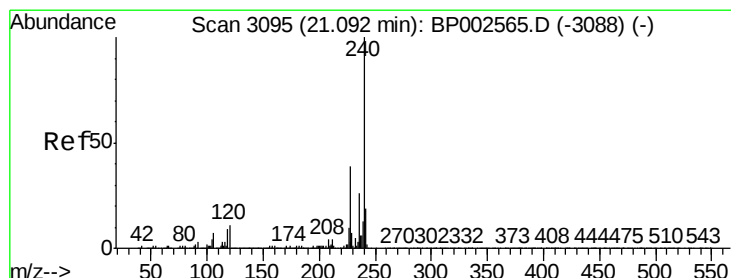
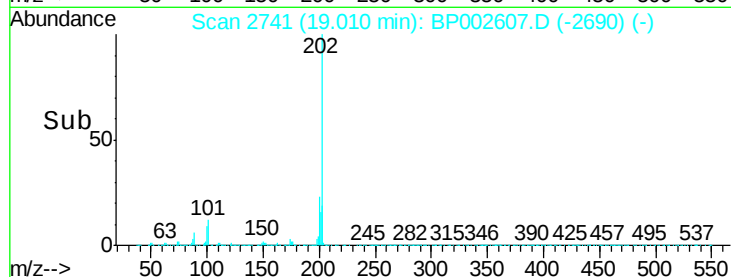
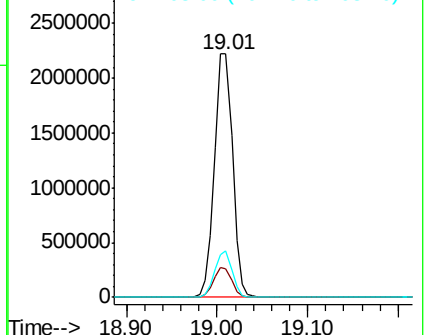


Abundance

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

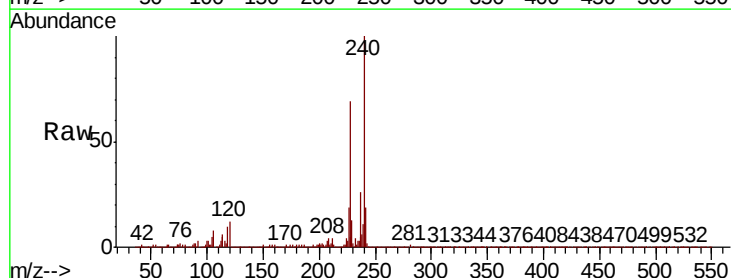
Delta R.T. -0.01 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Tgt Ion:240 Resp: 867961

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.6	13.0
236	26.0	20.8	31.2

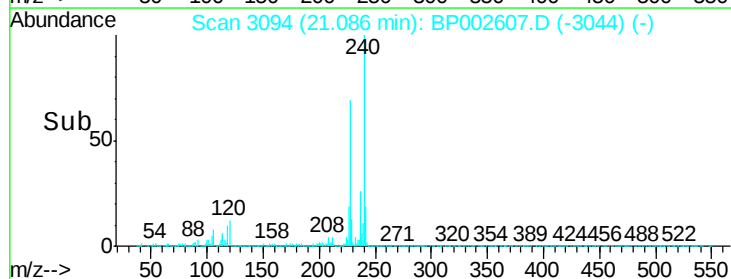
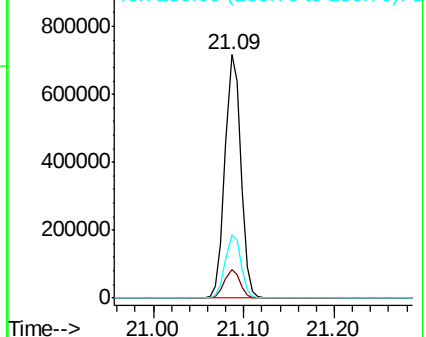


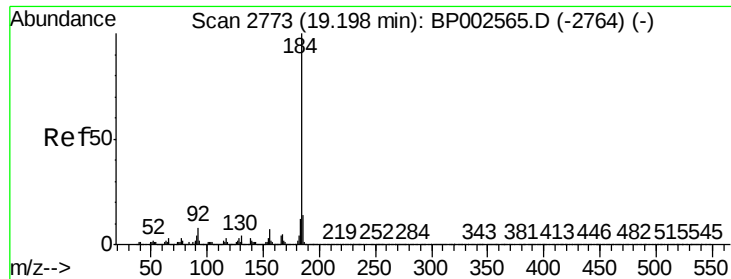
Abundance

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# 2772

Delta R.T. -0.01 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Instrument :

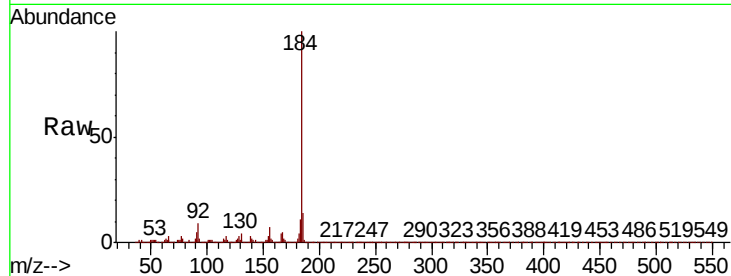
BNA_P

ClientSampleId :

MUDDY-DRUMMS

Tot Ion:184 Resp: 1385170

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.4	17.2
183	11.1	9.2	13.8

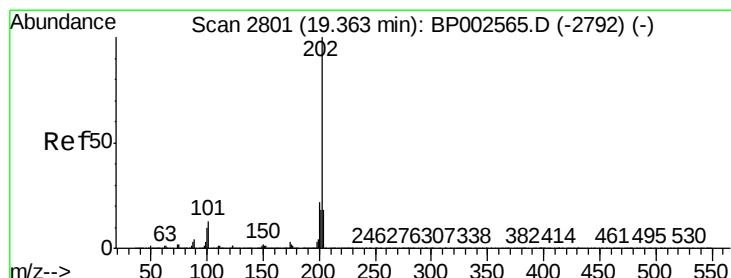
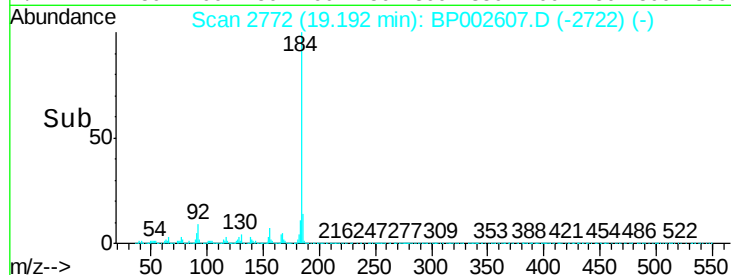
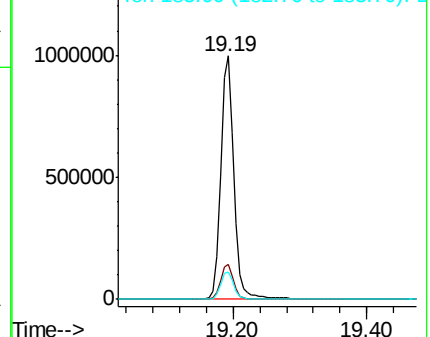


Abundance

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



#78

Pyrene

Concen: 51.696 ng

RT: 19.36 min Scan# 2801

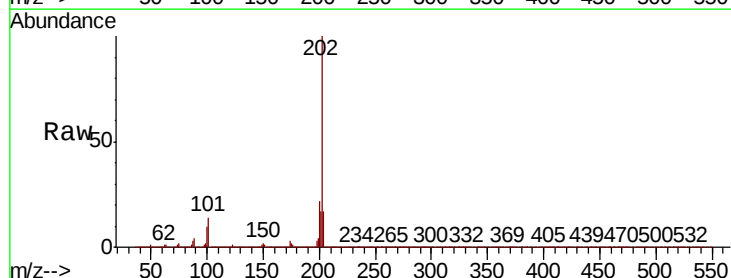
Delta R.T. 0.00 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Tgt Ion:202 Resp: 3054165

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.6	26.4
203	17.5	14.4	21.6

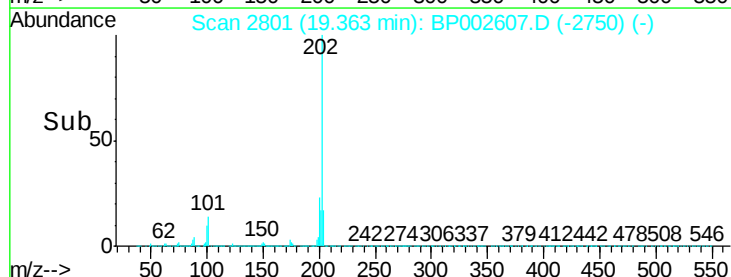
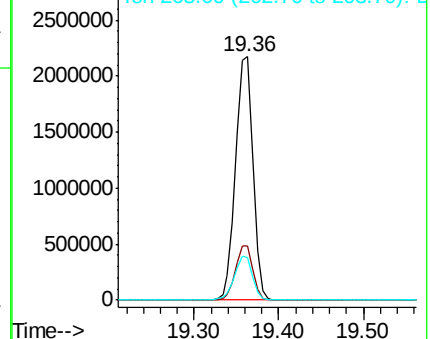


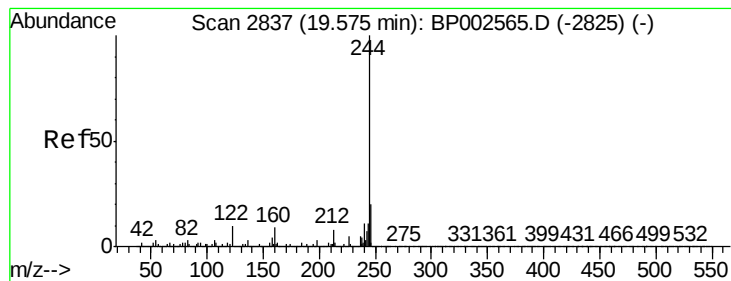
Abundance

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





#79

Terphenyl-d14

Concen: 89.125 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUMMS

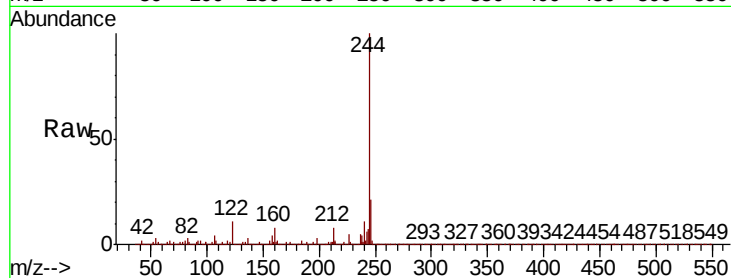
Tot Ion:244 Resp: 3583865

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

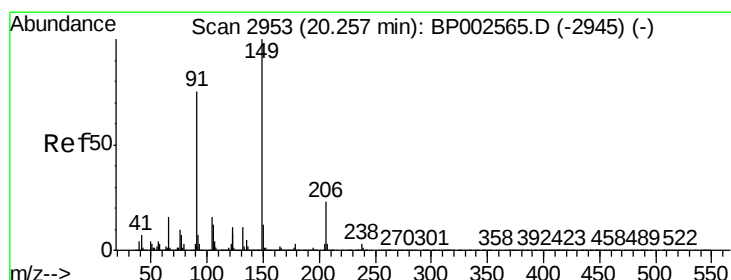
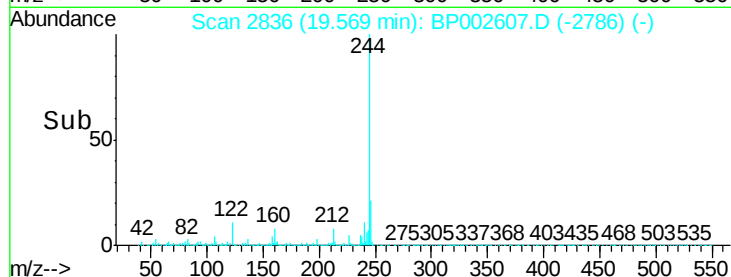
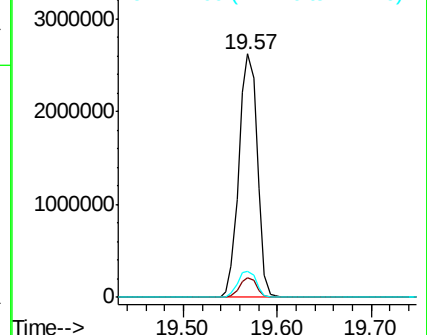
122 10.9 7.9 11.9



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: 48.375 ng

RT: 20.25 min Scan# 2952

Delta R.T. -0.01 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

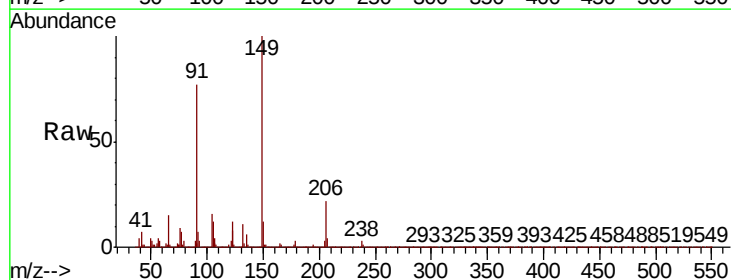
Tgt Ion:149 Resp: 1247713

Ion Ratio Lower Upper

149 100

91 76.8 59.8 89.6

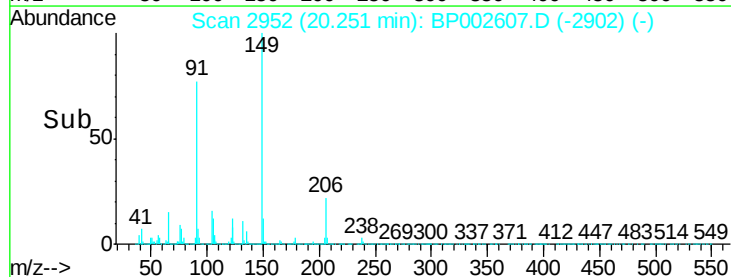
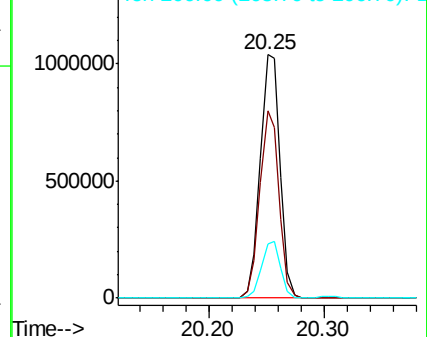
206 22.2 18.2 27.4

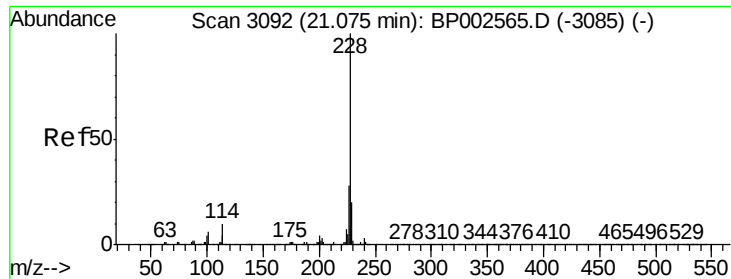


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

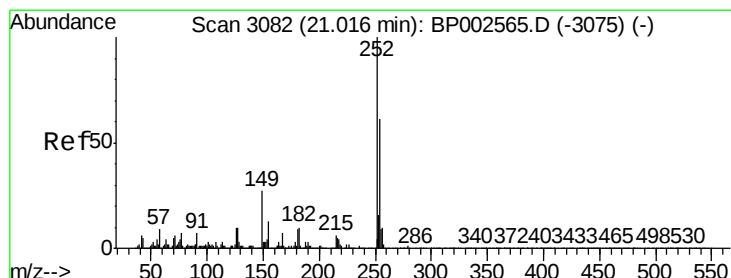
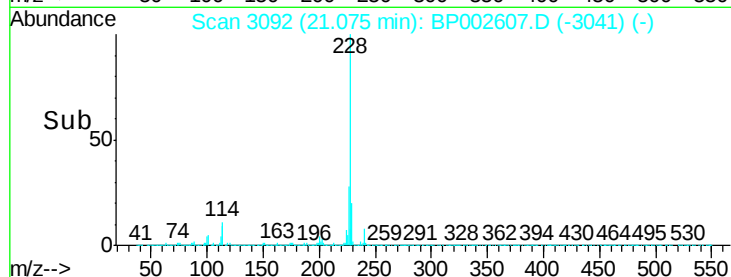
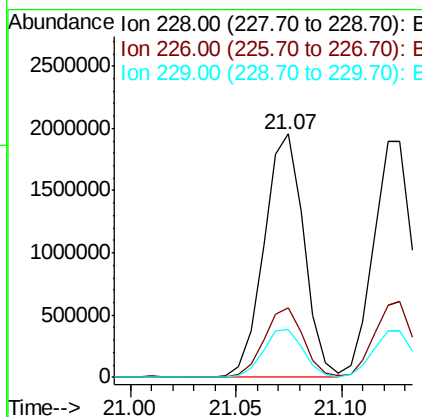
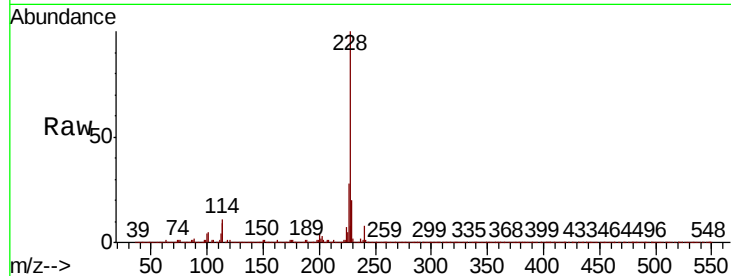




#81
Benzo(a)anthracene
Concen: 45.123 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

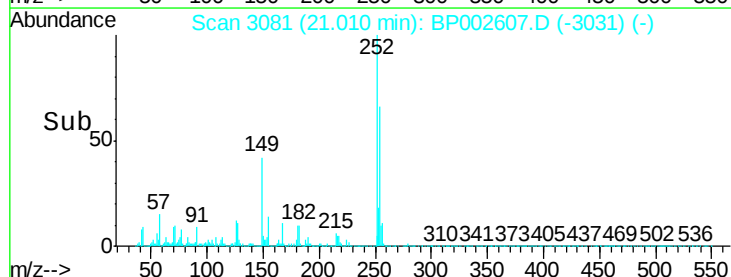
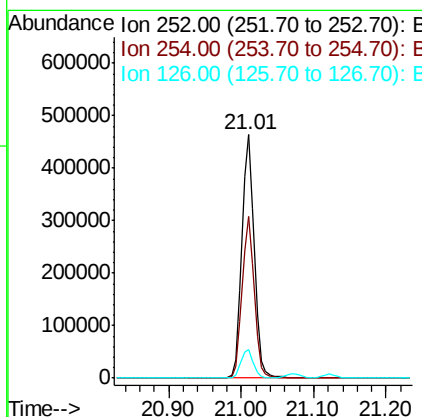
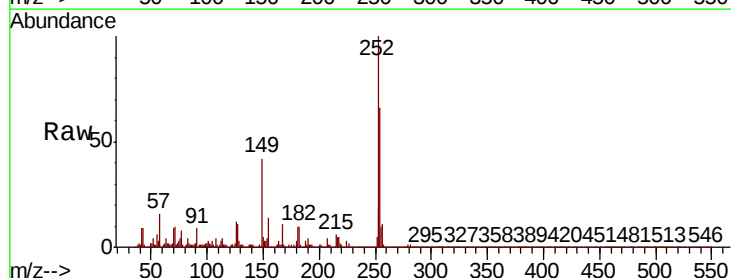
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMS

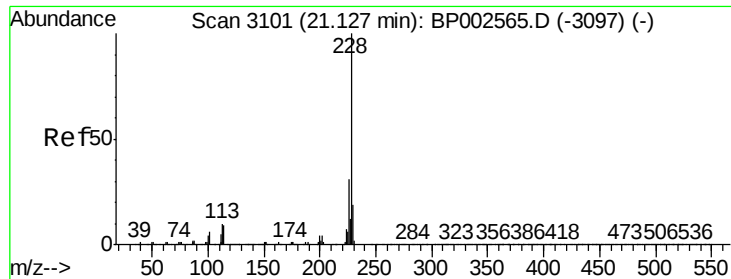
Tot Ion:228 Resp: 2560491
Ion Ratio Lower Upper
228 100
226 28.5 22.5 33.7
229 19.7 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 26.684 ng
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Tgt Ion:252 Resp: 554348
Ion Ratio Lower Upper
252 100
254 66.4 49.0 73.6
126 11.6 7.9 11.9



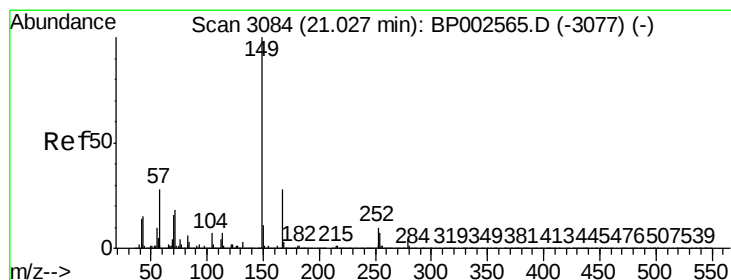
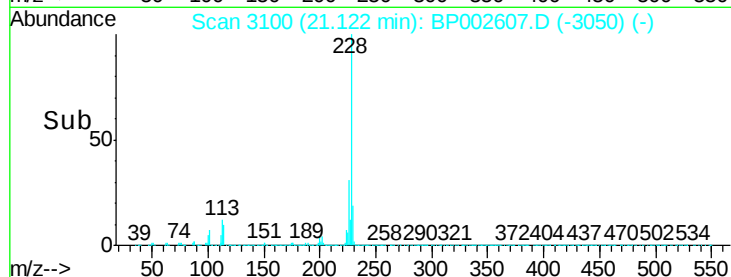
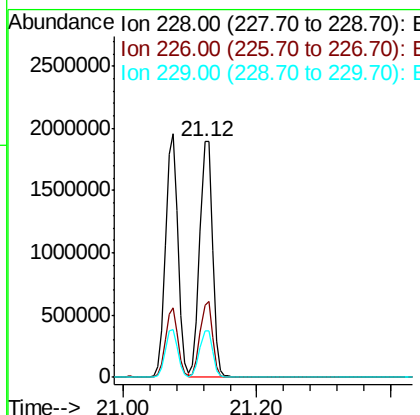
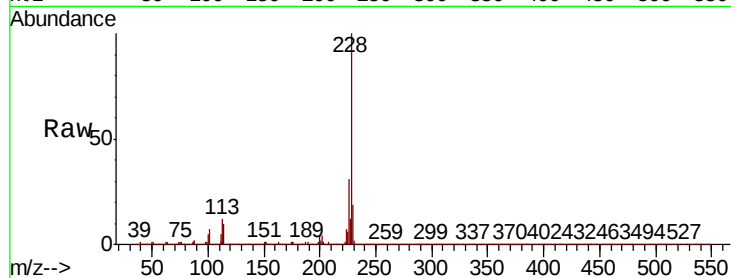


#83
 Chrysene
 Concen: 45.037 ng
 RT: 21.12 min Scan# 3100
 Delta R.T. -0.01 min
 Lab File: BP002607.D
 Acq: 01 Jul 2020 16:49

Instrument :
 BNA_P
 ClientSampleId :
 MUDDY-DRUMMS

Tot Ion:228 Resp: 2450619

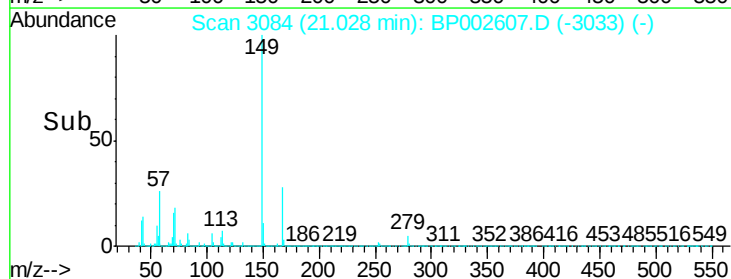
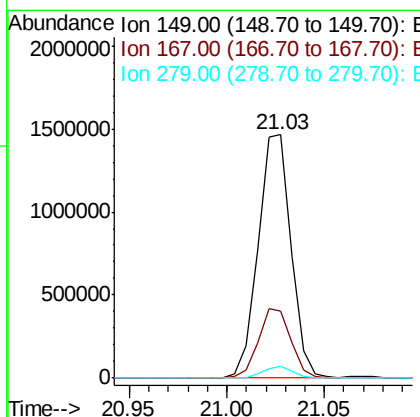
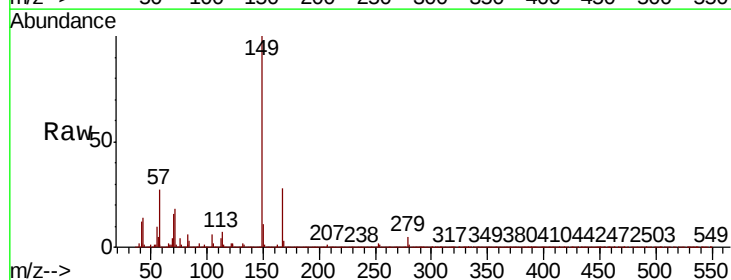
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	19.5	15.6	23.4

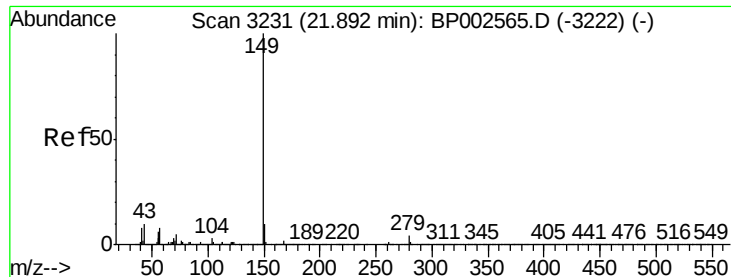


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.985 ng
 RT: 21.03 min Scan# 3084
 Delta R.T. 0.00 min
 Lab File: BP002607.D
 Acq: 01 Jul 2020 16:49

Tgt Ion:149 Resp: 1703127

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.1	33.1
279	4.7	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 42.086 ng

RT: 21.89 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUMMS

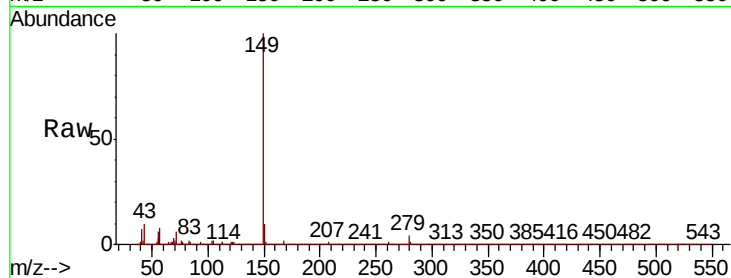
Tot Ion:149 Resp: 2753112

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

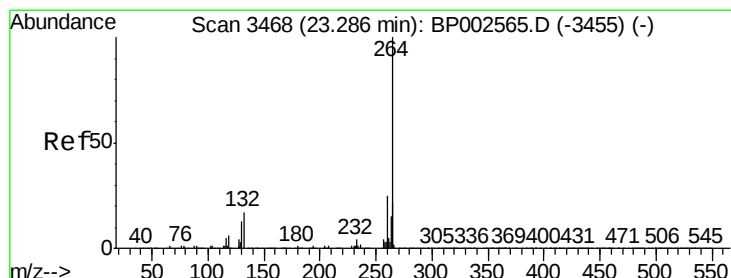
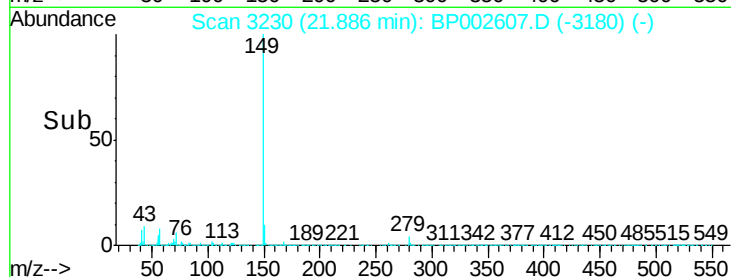
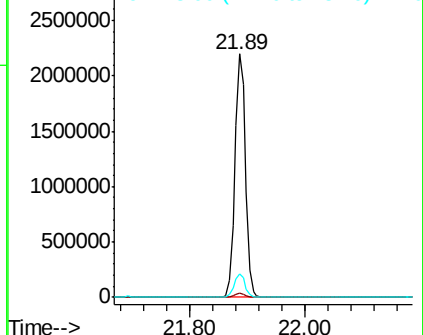
43 9.7 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.28 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

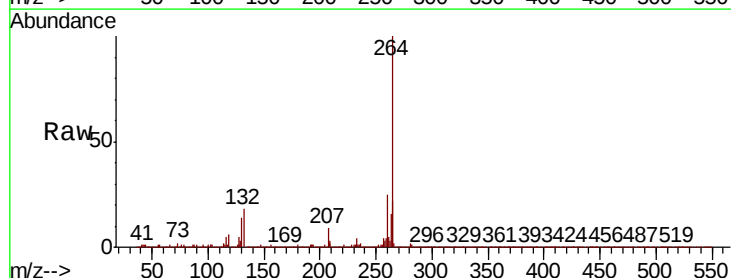
Tgt Ion:264 Resp: 745865

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

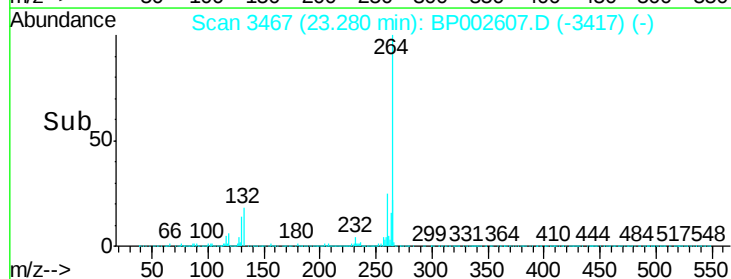
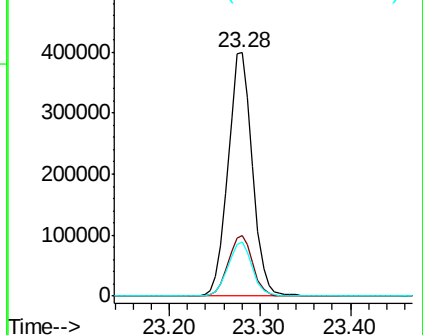
265 22.3 17.6 26.4

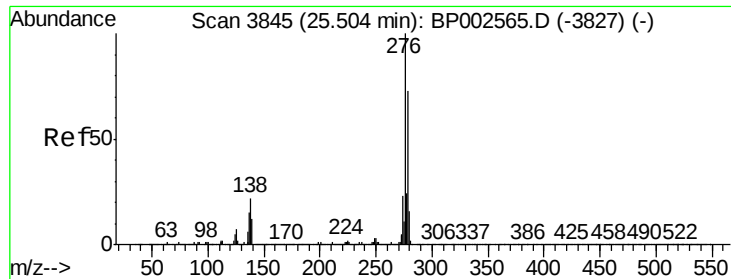


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.330 ng

RT: 25.50 min Scan# 3844

Delta R.T. -0.01 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Instrument :

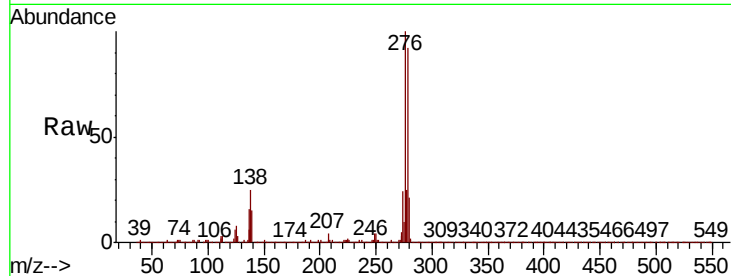
BNA_P

ClientSampleId :

MUDDY-DRUMMS

Tot Ion:276 Resp: 2595489

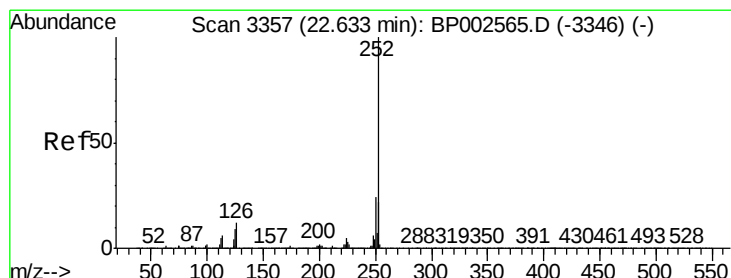
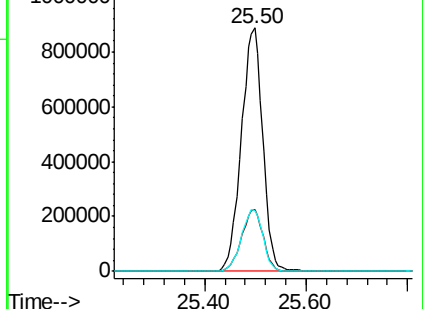
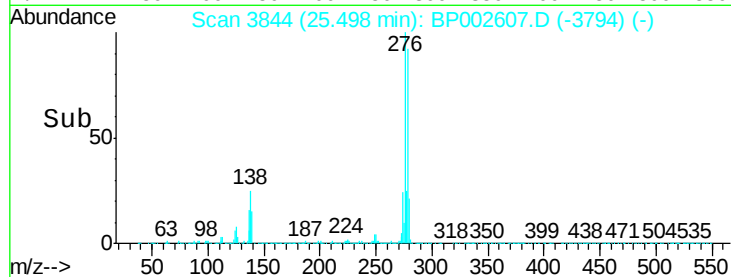
Ion	Ratio	Lower	Upper
276	100		
138	25.6	18.6	27.8
277	25.6	20.1	30.1



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: 49.634 ng

RT: 22.63 min Scan# 3356

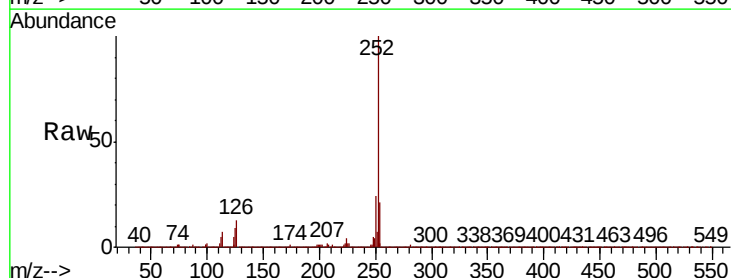
Delta R.T. -0.01 min

Lab File: BP002607.D

Acq: 01 Jul 2020 16:49

Tgt Ion:252 Resp: 2362242

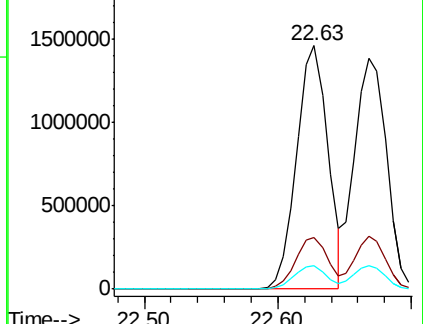
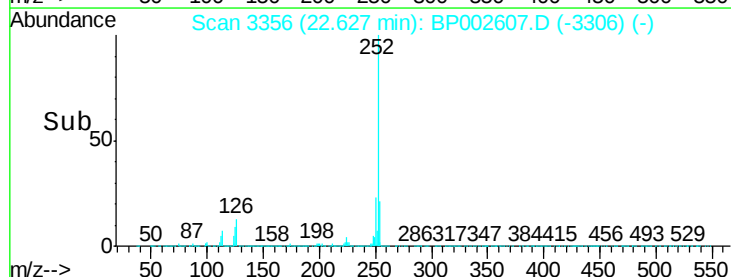
Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	9.5	7.4	11.2

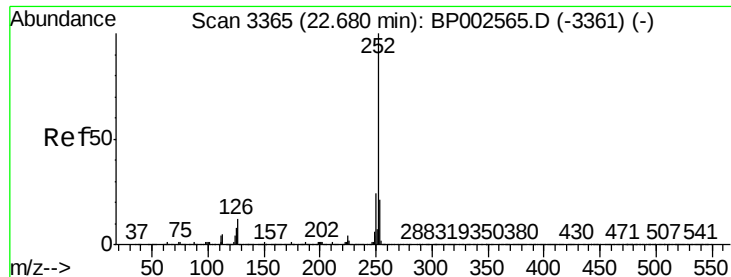


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

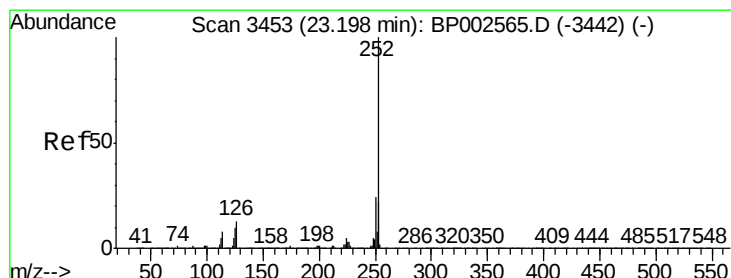
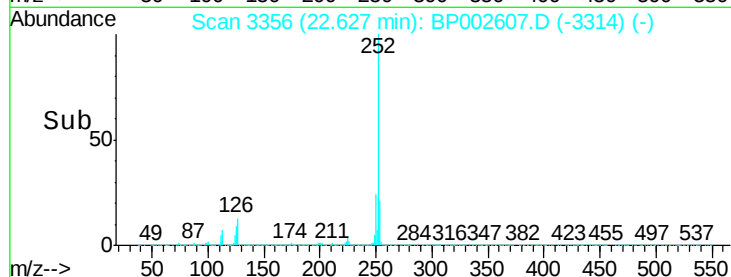
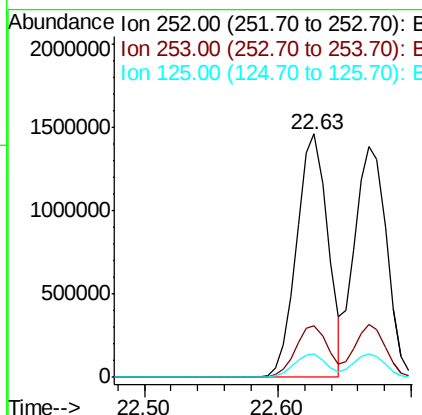
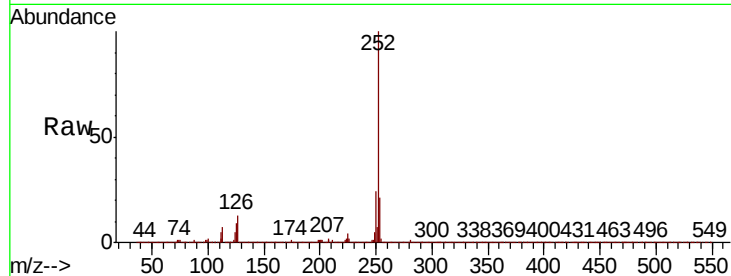




#89
Benzo(k)fluoranthene
Concen: 53.204 ng
RT: 22.63 min Scan# 3356
Delta R.T. -0.05 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

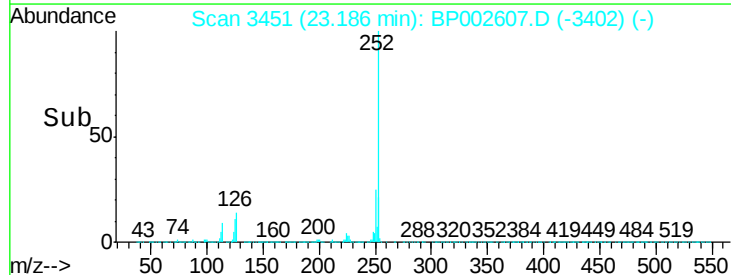
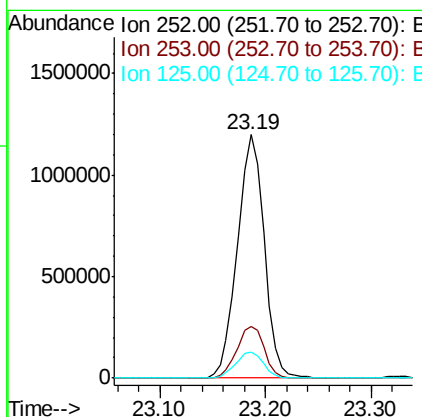
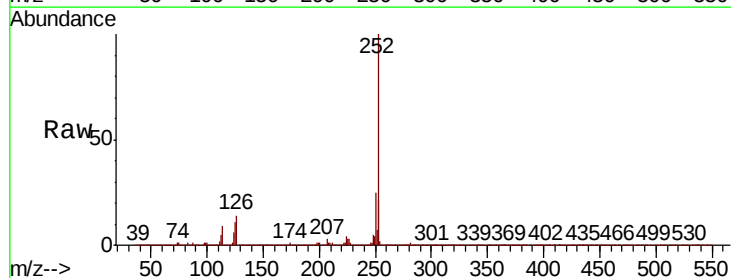
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMS

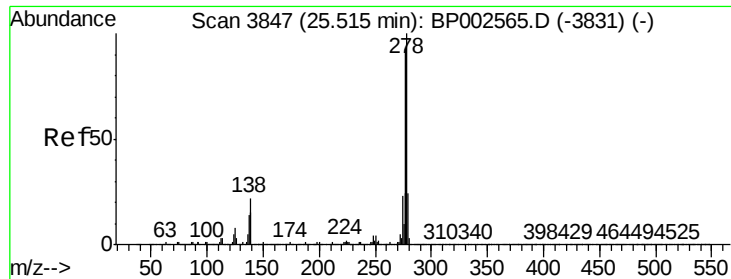
Tot Ion:252 Resp: 2362242
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 9.5 6.9 10.3



#90
Benzo(a)pyrene
Concen: 48.265 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Tgt Ion:252 Resp: 2107936
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.6
125 10.9 7.8 11.8



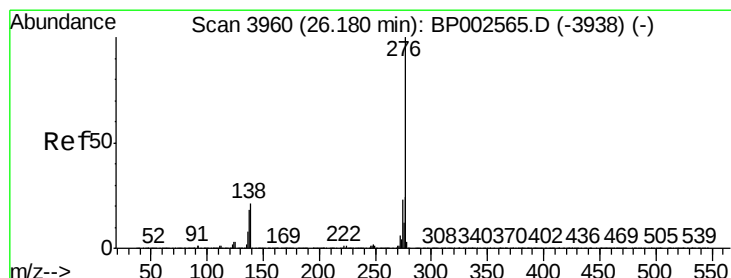
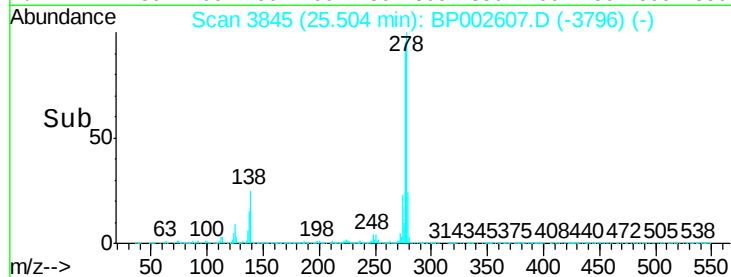
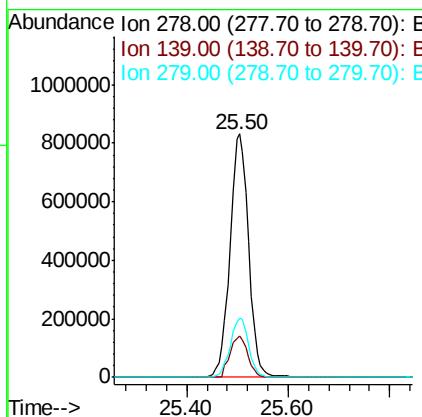
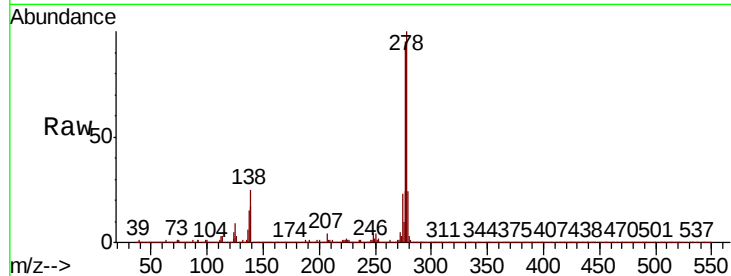


#91
Dibenzo(a,h)anthracene
Concen: 48.298 ng
RT: 25.50 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMS

Tot Ion:278 Resp: 2119465

Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.2	18.2
279	24.3	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 50.712 ng
RT: 26.17 min Scan# 3958
Delta R.T. -0.01 min
Lab File: BP002607.D
Acq: 01 Jul 2020 16:49

Tgt Ion:276 Resp: 2225626

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.3	28.9
138	21.8	16.9	25.3

