

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
 Data File : BP002514.D
 Acq On : 23 Jun 2020 22:43
 Operator : CG/JU
 Sample : L3051-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOXMS

Quant Time: Jun 24 00:17:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	169507	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	668008	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	388408	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	830495	20.00	ng	0.00
76) Chrysene-d12	21.10	240	839301	20.00	ng	-0.01
86) Perylene-d12	23.30	264	941082	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1115569	121.78	ng	0.00
7) Phenol-d6	6.78	99	1274550	104.50	ng	0.00
23) Nitrobenzene-d5	8.73	82	1052927	94.13	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	519923	139.81	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2099213	90.87	ng	0.00
79) Terphenyl-d14	19.58	244	3079153	98.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	166584	39.478	ng	# 37
3) Pyridine	3.55	79	337049	29.389	ng	96
4) n-Nitrosodimethylamine	3.46	42	215627	45.623	ng	94
6) Aniline	6.92	93	522742	31.516	ng	98
8) 2-Chlorophenol	7.16	128	484703	47.059	ng	98
9) Benzaldehyde	6.73	77	205274	29.265	ng	99
10) Phenol	6.80	94	504953	38.174	ng	99
11) bis(2-Chloroethyl)ether	7.02	93	501667	45.424	ng	99
12) 1,3-Dichlorobenzene	7.48	146	548460	46.242	ng	98
13) 1,4-Dichlorobenzene	7.62	146	557240	46.698	ng	99
14) 1,2-Dichlorobenzene	7.93	146	526655	46.073	ng	99
15) Benzyl Alcohol	7.83	79	409610	43.331	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	685635	43.754	ng	100
17) 2-Methylphenol	8.04	107	391587	40.513	ng	98
18) Hexachloroethane	8.65	117	205006	47.158	ng	98
19) n-Nitroso-di-n-propylamine	8.39	70	365158	44.792	ng	100
20) 3+4-Methylphenols	8.36	107	511595	39.218	ng	98
22) Acetophenone	8.40	105	700038	46.645	ng	98
24) Nitrobenzene	8.77	77	570457	47.443	ng	98
25) Isophorone	9.29	82	1023349	44.919	ng	99
26) 2-Nitrophenol	9.48	139	262690	49.027	ng	97
27) 2,4-Dimethylphenol	9.56	122	410717	48.862	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	638155	47.028	ng	99
29) 2,4-Dichlorophenol	10.02	162	452866	47.862	ng	99
30) 1,2,4-Trichlorobenzene	10.23	180	501576	47.556	ng	100
31) Naphthalene	10.40	128	1465768	47.231	ng	99
32) Benzoic acid	9.70	122	190256	29.423	ng	100
33) 4-Chloroaniline	10.52	127	266313	19.657	ng	99
34) Hexachlorobutadiene	10.70	225	294963	47.923	ng	96
35) Caprolactam	11.28	113	106556	31.929	ng	96
36) 4-Chloro-3-methylphenol	11.66	107	468639	45.775	ng	98
37) 2-Methylnaphthalene	12.03	142	1045045	47.443	ng	99
38) 1-Methylnaphthalene	12.25	142	980790	47.439	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	509072	49.721	ng	99

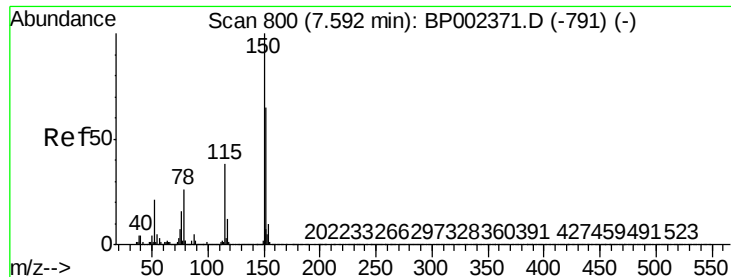
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	491500	90.295	ng	97
43) 2,4,6-Trichlorophenol	12.66	196	349333	48.210	ng	98
44) 2,4,5-Trichlorophenol	12.73	196	380644	45.366	ng	99
46) 1,1'-Biphenyl	13.06	154	1264008	49.655	ng	99
47) 2-Chloronaphthalene	13.10	162	1003057	48.173	ng	99
48) 2-Nitroaniline	13.30	65	319130	48.011	ng	99
49) Acenaphthylene	13.95	152	1568093	47.183	ng	99
50) Dimethylphthalate	13.70	163	1546410	58.106	ng	100
51) 2,6-Dinitrotoluene	13.81	165	276131	47.776	ng	97
52) Acenaphthene	14.30	154	922711	47.394	ng	99
53) 3-Nitroaniline	14.14	138	192838	29.219	ng	99
54) 2,4-Dinitrophenol	14.35	184	246383	72.582	ng	97
55) Dibenzofuran	14.63	168	1479251	47.192	ng	99
56) 4-Nitrophenol	14.47	139	398833	76.113	ng	96
57) 2,4-Dinitrotoluene	14.61	165	372777	47.383	ng	97
58) Fluorene	15.29	166	1105605	44.843	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	332220	49.879	ng	99
60) Diethylphthalate	15.08	149	1209680	45.363	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	556362	46.899	ng	98
62) 4-Nitroaniline	15.31	138	278414	43.905	ng	97
63) Azobenzene	15.59	77	1243301	46.839	ng	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	192427	43.909	ng	97
66) n-Nitrosodiphenylamine	15.51	169	1034419	48.758	ng	100
67) 4-Bromophenyl-phenylether	16.19	248	367112	46.663	ng	97
68) Hexachlorobenzene	16.30	284	408733	48.960	ng	98
69) Atrazine	16.47	200	342895	49.545	ng	99
70) Pentachlorophenol	16.65	266	495152	99.136	ng	99
71) Phenanthrene	17.03	178	1886785	48.567	ng	100
72) Anthracene	17.13	178	1920969	49.776	ng	99
73) Carbazole	17.40	167	1810581	47.691	ng	100
74) Di-n-butylphthalate	17.98	149	2182293	48.573	ng	100
75) Fluoranthene	19.02	202	2345005	50.569	ng	98
77) Benzidine	19.20	184	1005758	53.628	ng	100
78) Pyrene	19.37	202	2365240	46.008	ng	100
80) Butylbenzylphthalate	20.27	149	1027458	44.959	ng	98
81) Benzo(a)anthracene	21.09	228	2277120	47.532	ng	100
82) 3,3'-Dichlorobenzidine	21.02	252	686116	38.537	ng	99
83) Chrysene	21.13	228	2176162	47.945	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1503078	45.215	ng	100
85) Di-n-octyl phthalate	21.90	149	2664761	45.702	ng	100
87) Indeno(1,2,3-cd)pyrene	25.52	276	2897534	49.226	ng	99
88) Benzo(b)fluoranthene	22.64	252	2502452	49.309	ng	99
89) Benzo(k)fluoranthene	22.69	252	2370380	49.158	ng	99
90) Benzo(a)pyrene	23.20	252	2292907	48.212	ng	98
91) Dibenzo(a,h)anthracene	25.53	278	2378293	50.371	ng	100
92) Benzo(g,h,i)perylene	26.19	276	2449797	50.096	ng	99

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

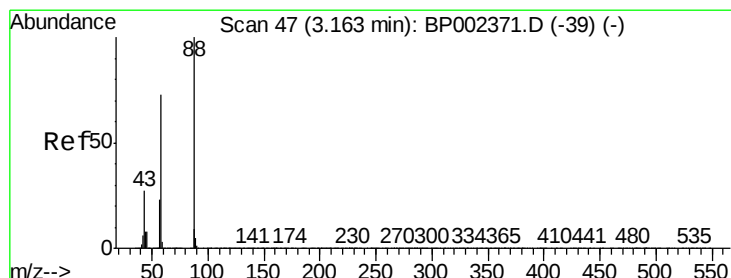
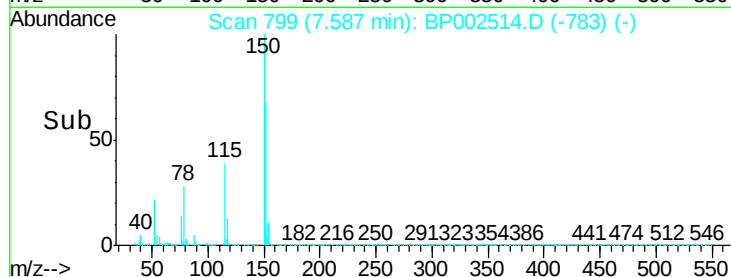
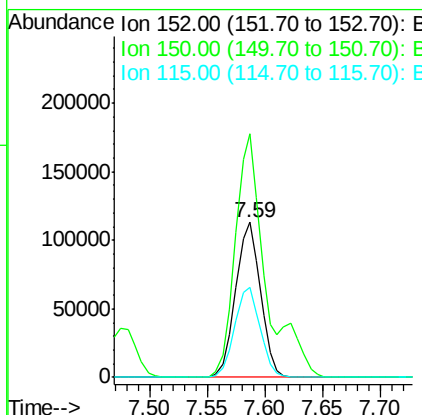
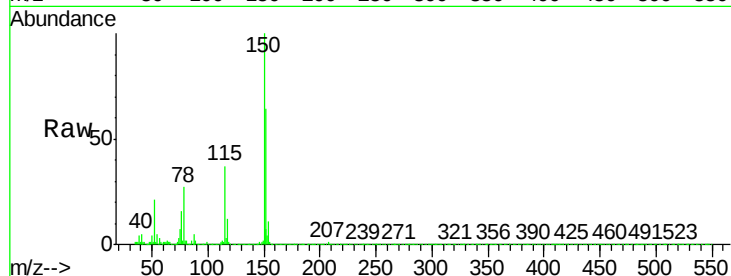


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

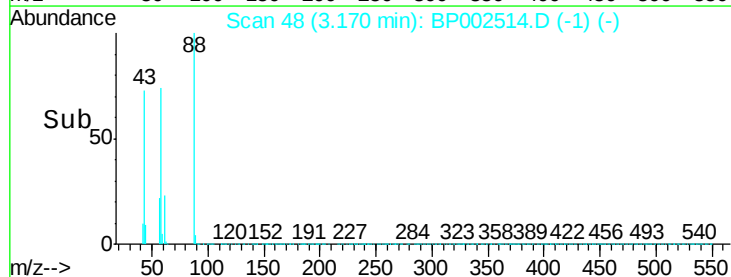
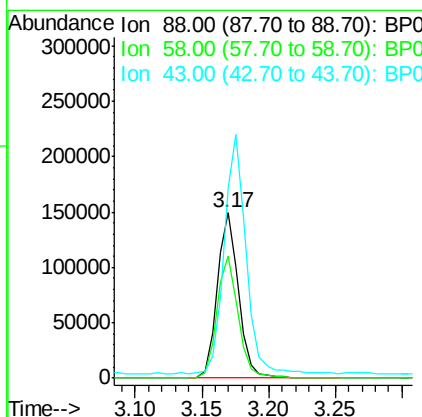
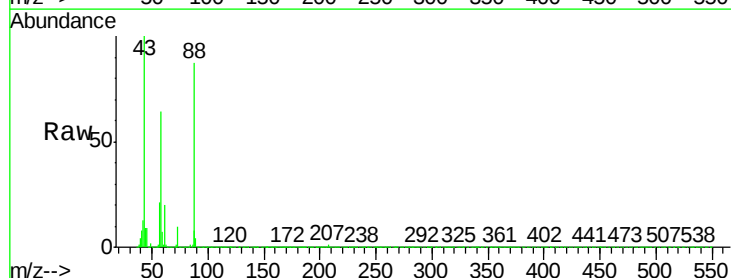
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.0	186.0
115	58.0	47.4	71.0

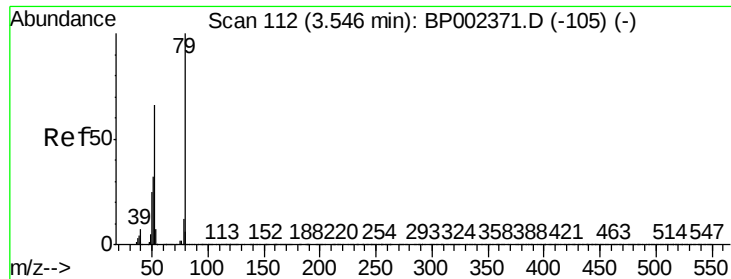


#2

1,4-Dioxane
Concen: 39.478 ng
RT: 3.17 min Scan# 48
Delta R.T. 0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	58.2	87.4
43	146.8	21.8	32.8#

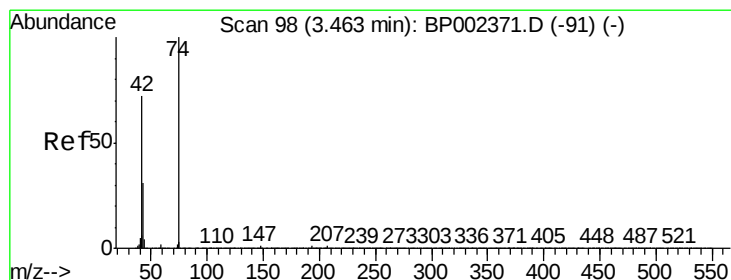
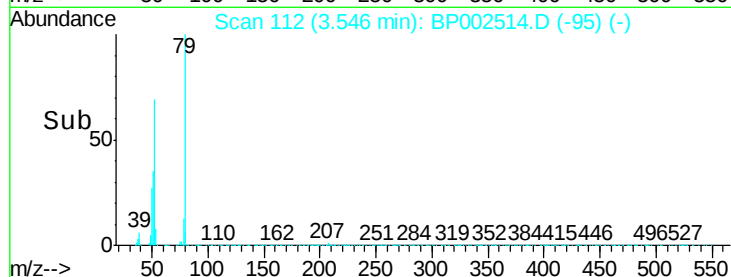
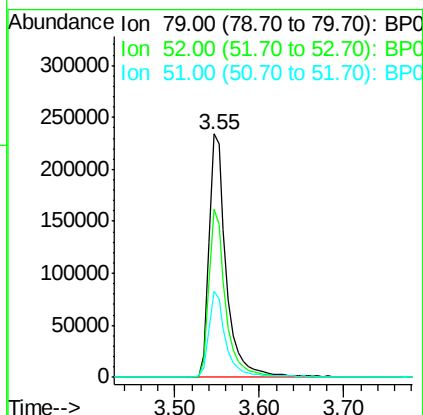
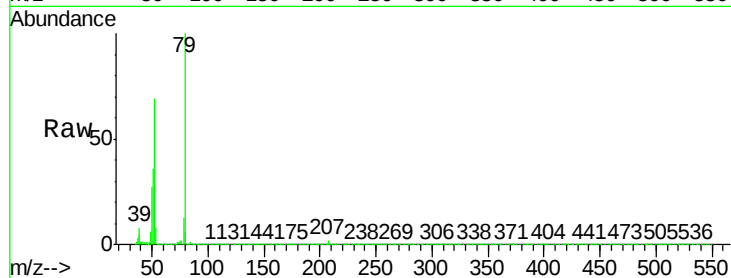




#3
 Pvridine
 Concen: 29.389 ng
 RT: 3.55 min Scan# 112
 Delta R.T. 0.00 min
 Lab File: BP002514.D
 Acq: 23 Jun 2020 22:43

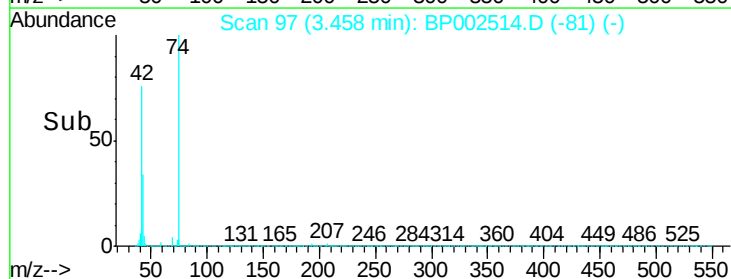
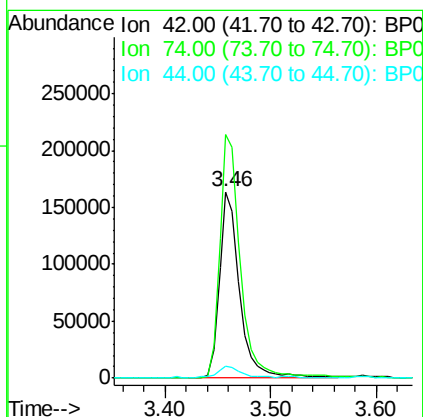
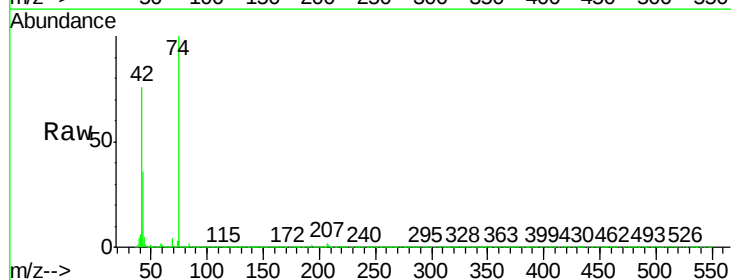
Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOXMS

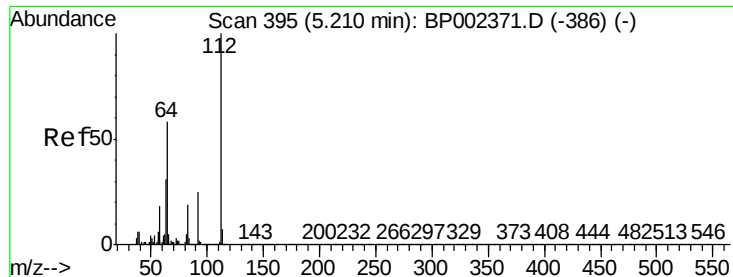
Tot Ion: 79 Resp: 337049
 Ion Ratio Lower Upper
 79 100
 52 68.8 52.5 78.7
 51 35.6 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 45.623 ng
 RT: 3.46 min Scan# 97
 Delta R.T. -0.01 min
 Lab File: BP002514.D
 Acq: 23 Jun 2020 22:43

Tgt Ion: 42 Resp: 215627
 Ion Ratio Lower Upper
 42 100
 74 130.9 111.1 166.7
 44 6.6 5.4 8.0





#5

2-Fluorophenol

Concen: 121.780 ng

RT: 5.21 min Scan# 395

Delta R.T. 0.00 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMS

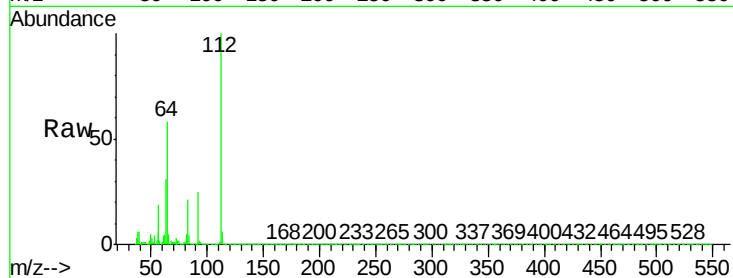
Tot Ion:112 Resp: 1115569

Ion Ratio Lower Upper

112 100

64 58.0 46.2 69.2

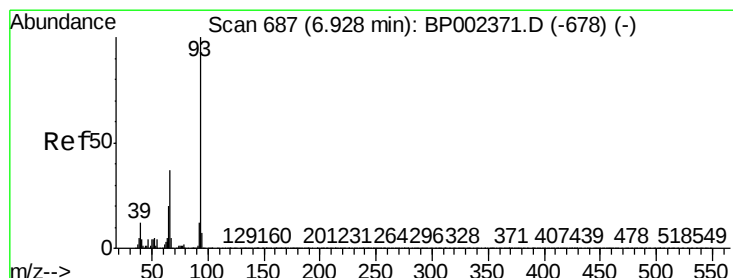
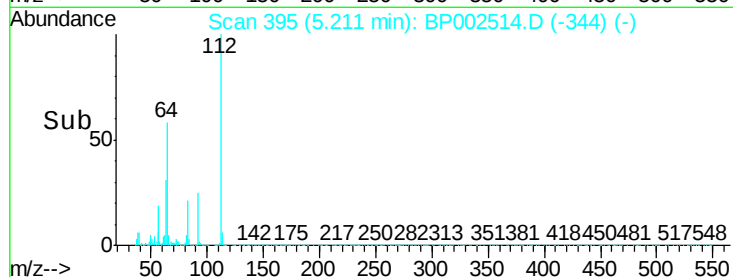
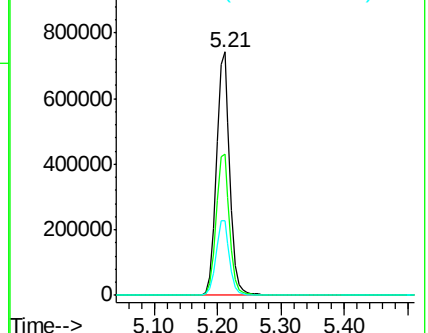
63 30.7 24.5 36.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 31.516 ng

RT: 6.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

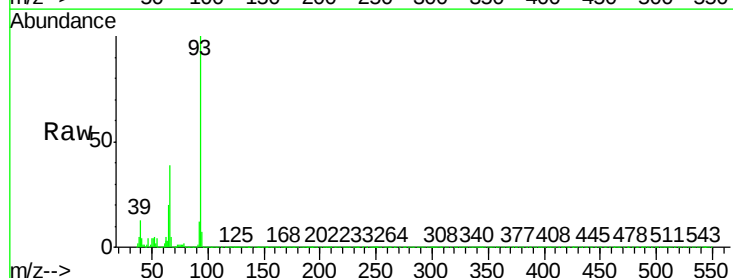
Tgt Ion: 93 Resp: 522742

Ion Ratio Lower Upper

93 100

66 38.6 29.8 44.6

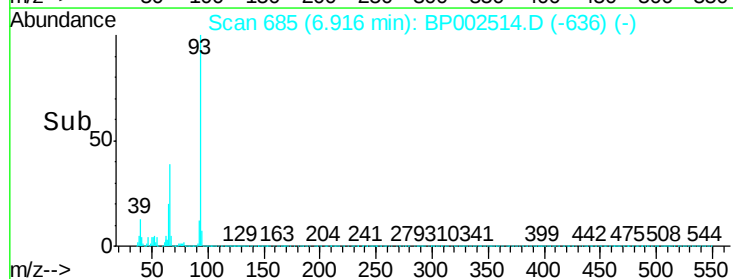
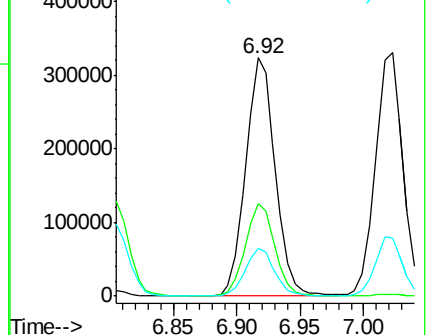
65 20.0 15.7 23.5

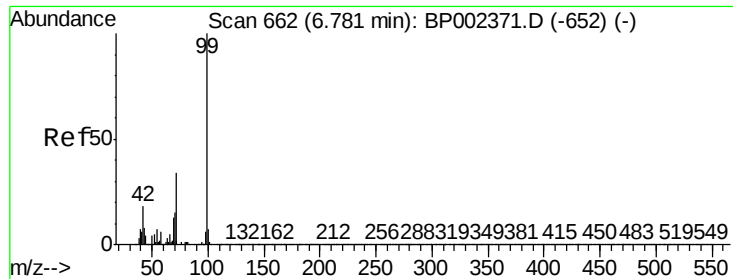


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 104.504 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Instrument :

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ClientSampleId :

SLUDGE-BOXMS

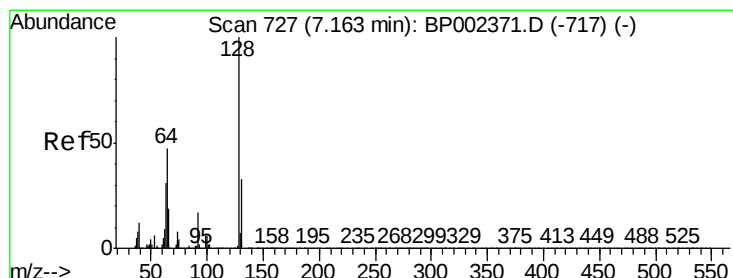
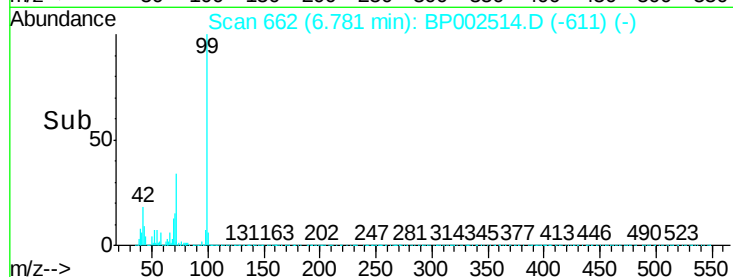
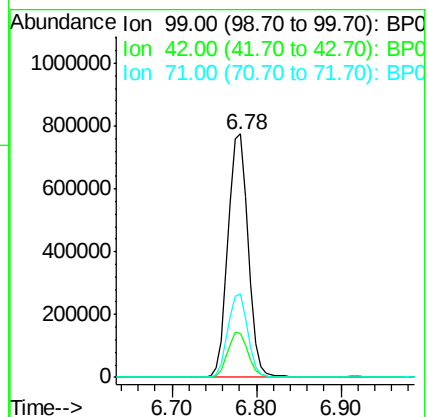
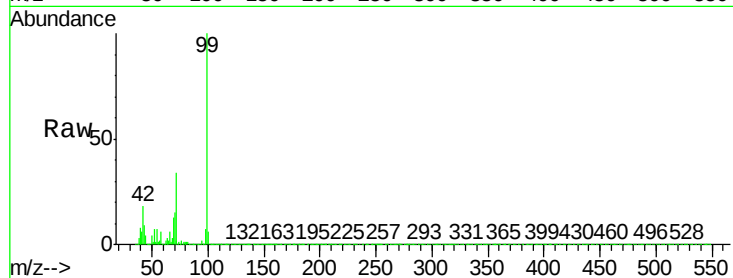
Tot Ion: 99 Resp: 1274550

Ion Ratio Lower Upper

99 100

42 18.3 14.6 22.0

71 34.4 27.2 40.8



#8

2-Chlorophenol

Concen: 47.059 ng

RT: 7.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

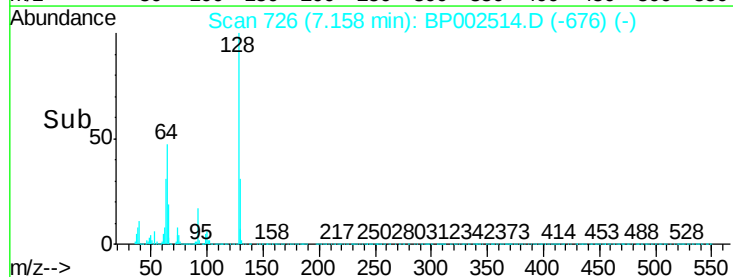
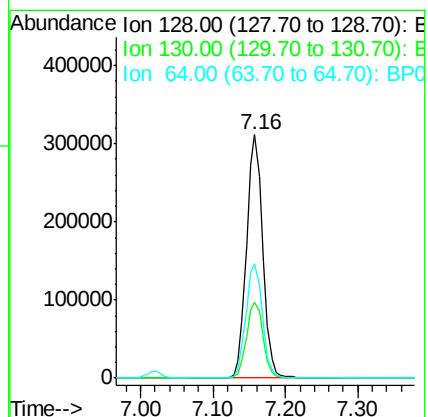
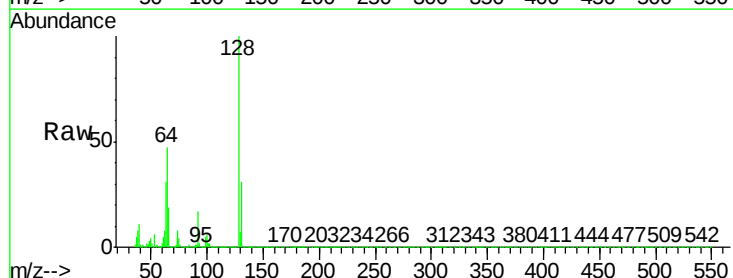
Tgt Ion: 128 Resp: 484703

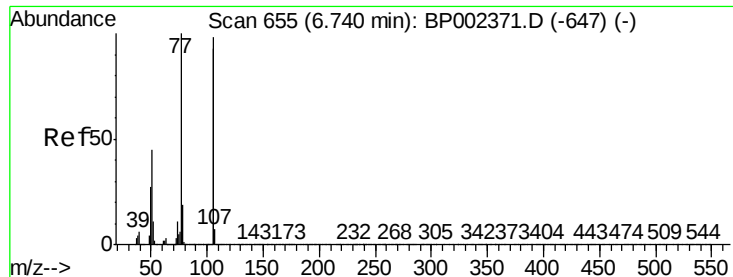
Ion Ratio Lower Upper

128 100

130 31.4 12.5 52.5

64 46.8 27.7 67.7





#9

Benzaldehyde

Concen: 29.265 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Instrument :

BNA_P

ClientSampleId :

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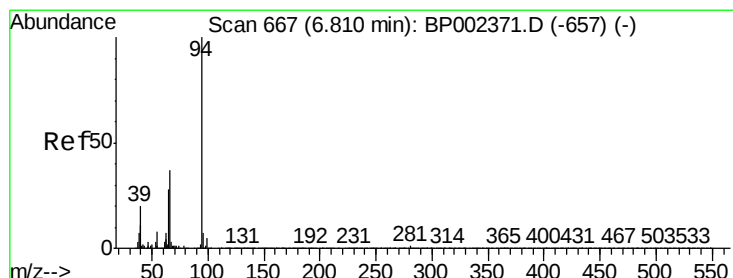
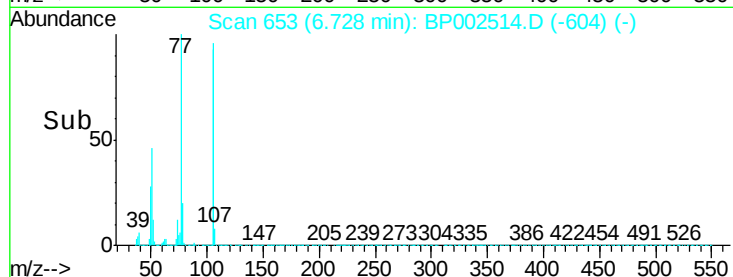
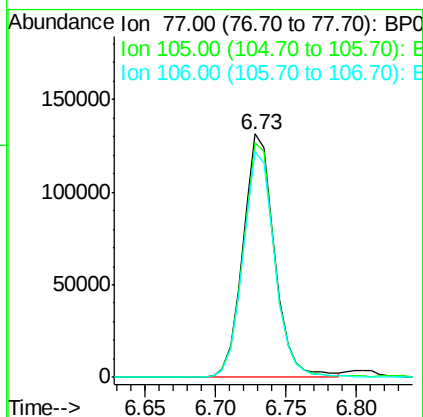
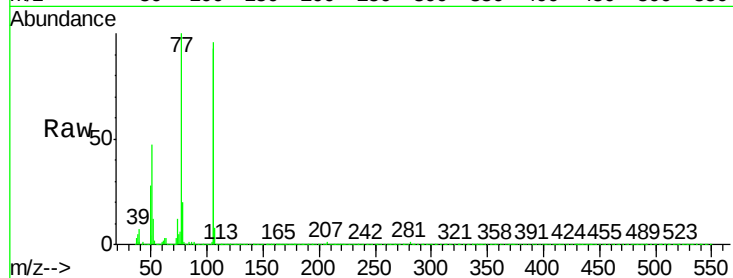
Tot Ion: 77 Resp: 205274

Ion Ratio Lower Upper

77 100

105 96.2 78.1 118.1

106 92.6 73.2 113.2



#10

Phenol

Concen: 38.174 ng

RT: 6.80 min Scan# 666

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

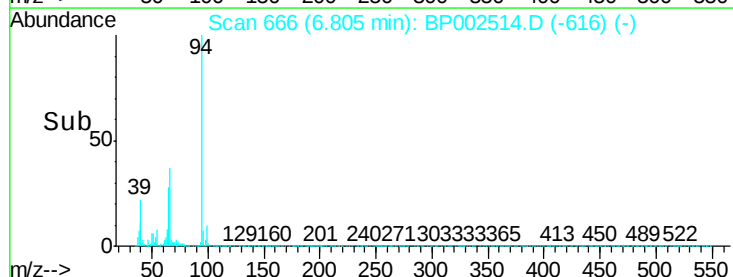
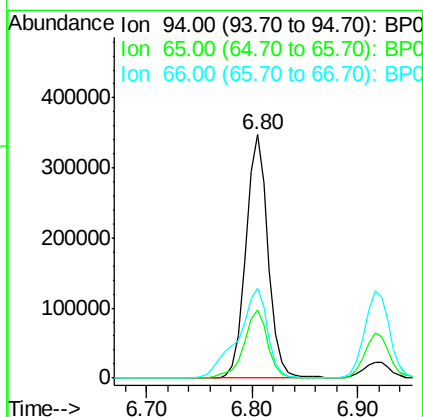
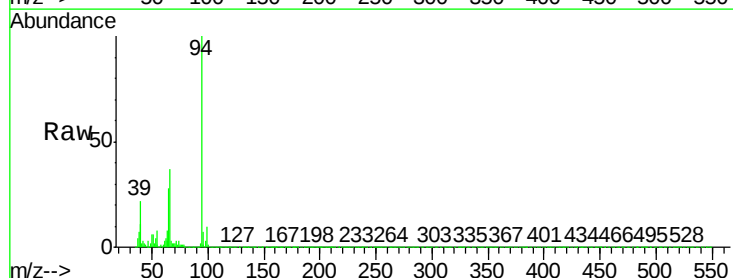
Tgt Ion: 94 Resp: 504953

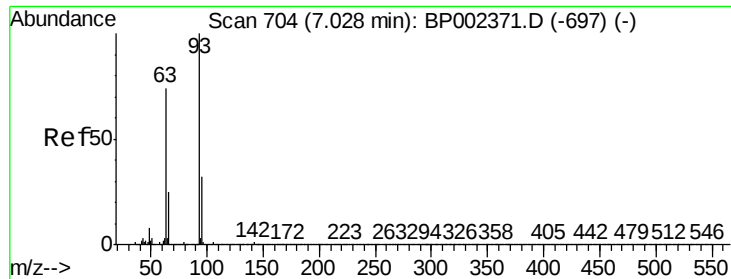
Ion Ratio Lower Upper

94 100

65 28.2 7.7 47.7

66 37.2 16.9 56.9

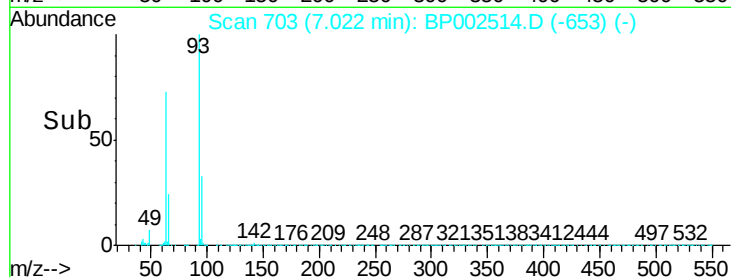
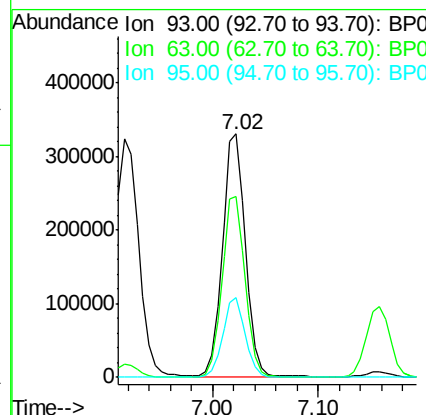
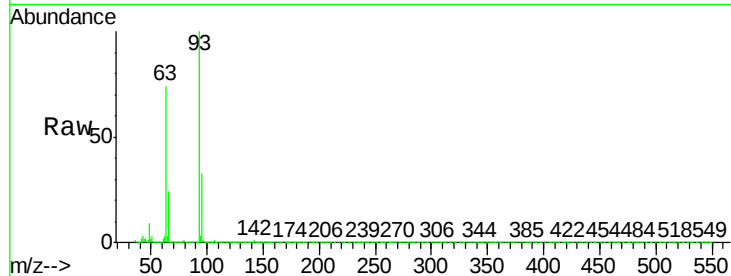




#11
bis(2-Chloroethyl)ether
Concen: 45.424 ng
RT: 7.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

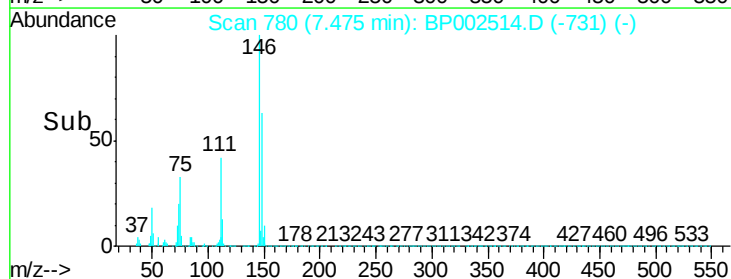
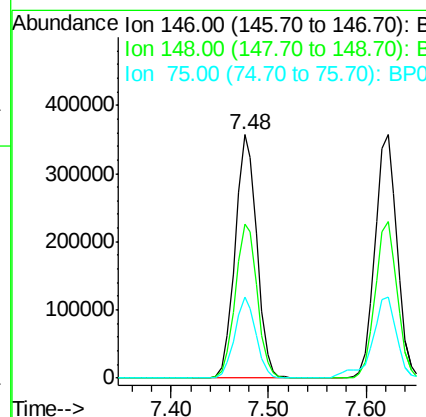
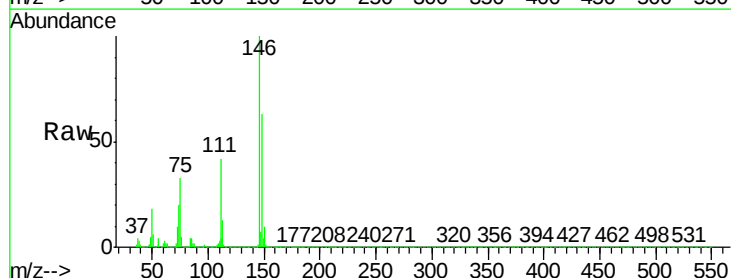
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

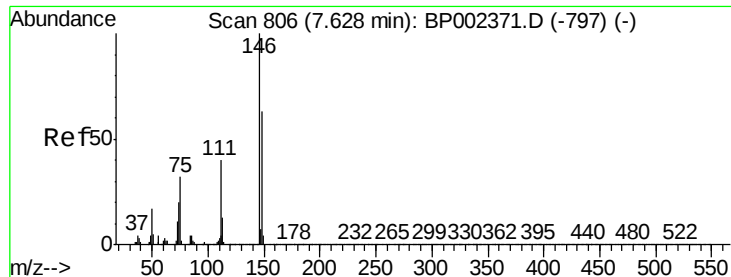
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.1	54.2	94.2
95	32.7	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 46.242 ng
RT: 7.48 min Scan# 780
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
75	33.5	25.0	37.4

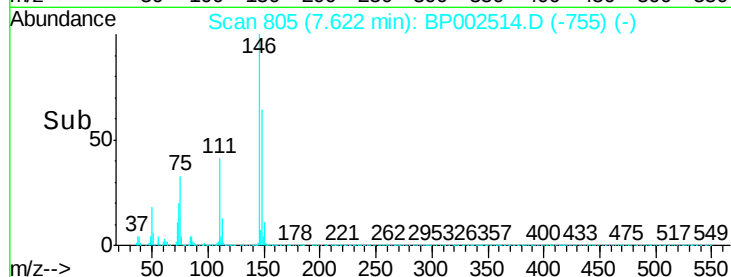
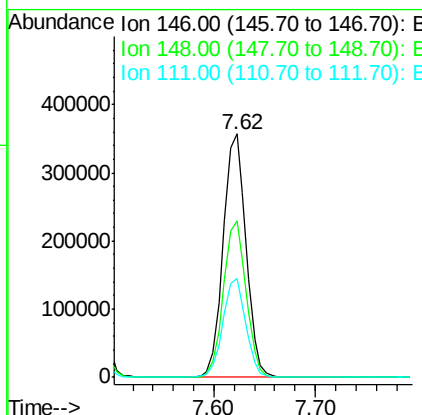
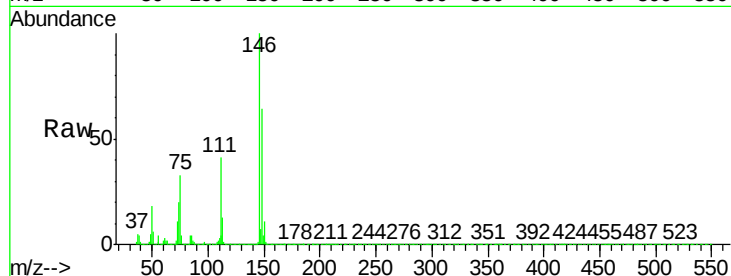




#13
1,4-Dichlorobenzene
Concen: 46.698 ng
RT: 7.62 min Scan# 805
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

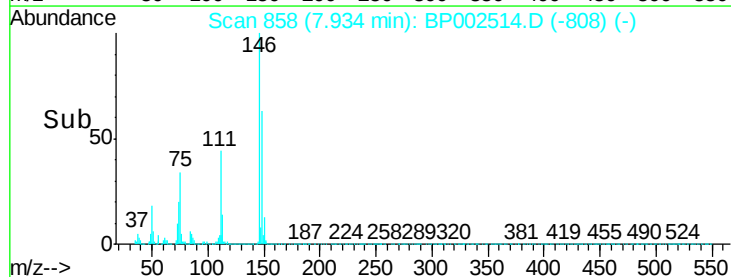
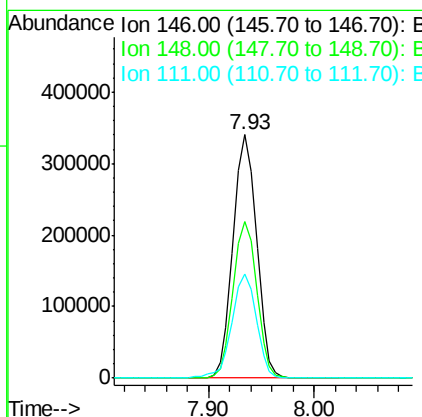
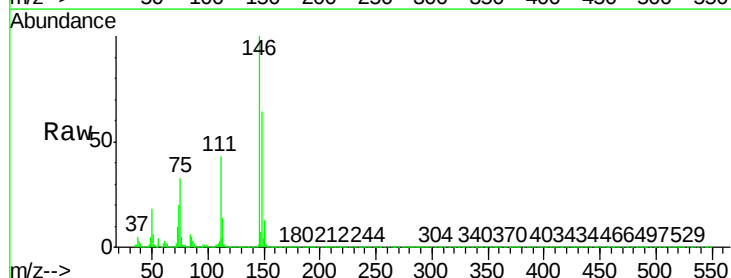
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

Tot Ion:146 Resp: 557240
Ion Ratio Lower Upper
146 100
148 64.2 50.7 76.1
111 40.7 32.2 48.2



#14
1,2-Dichlorobenzene
Concen: 46.073 ng
RT: 7.93 min Scan# 858
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion:146 Resp: 526655
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 42.9 35.4 53.2





#15

Benzyl Alcohol

Concen: 43.331 ng

RT: 7.83 min Scan# 840

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMS

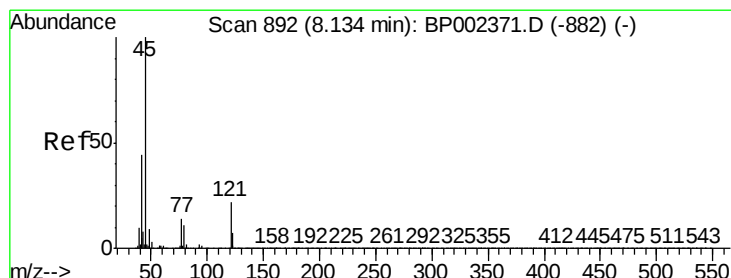
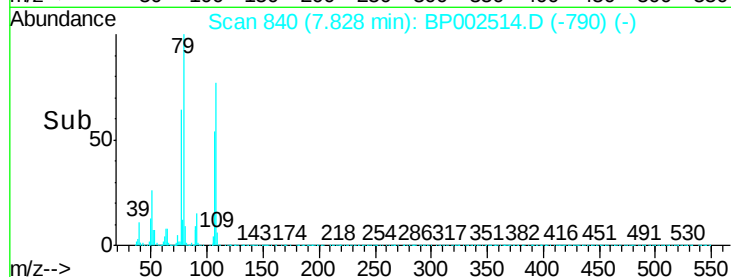
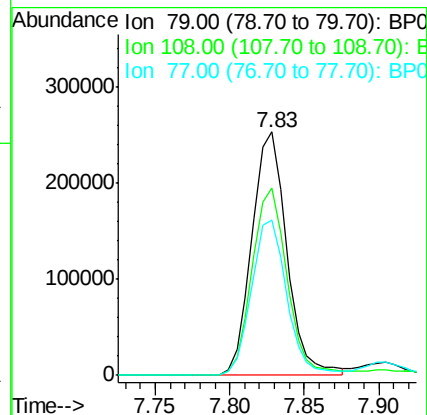
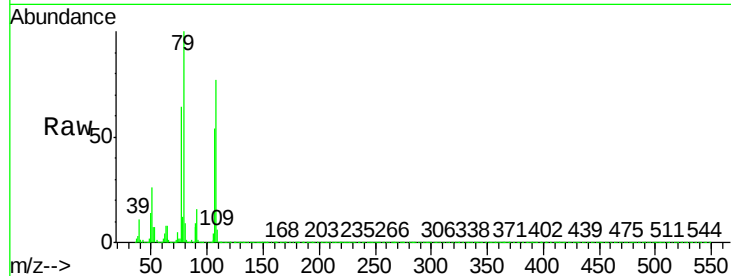
Tot Ion: 79 Resp: 409610

Ion Ratio Lower Upper

79 100

108 76.7 62.6 94.0

77 63.6 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.754 ng

RT: 8.12 min Scan# 890

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

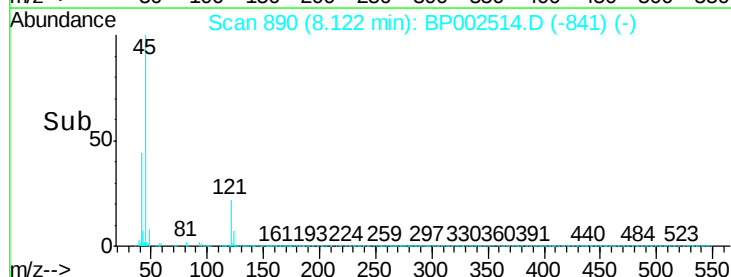
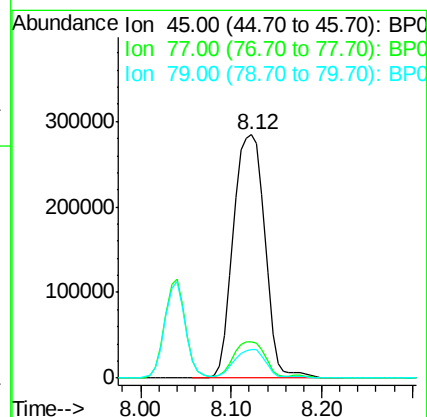
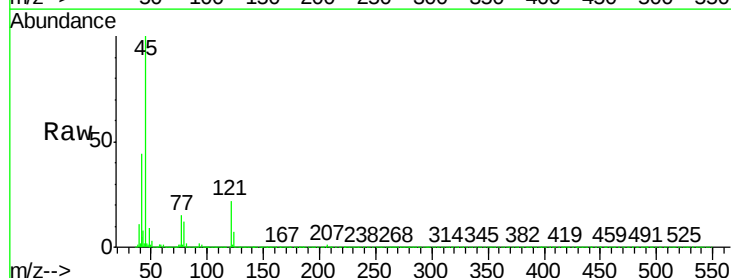
Tgt Ion: 45 Resp: 685635

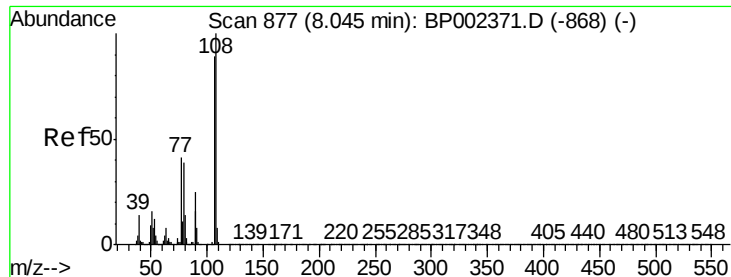
Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.0

79 11.7 0.0 32.0





#17

2-Methylphenol

Concen: 40.513 ng

RT: 8.04 min Scan# 876

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMS

Tot Ion:107 Resp: 391587

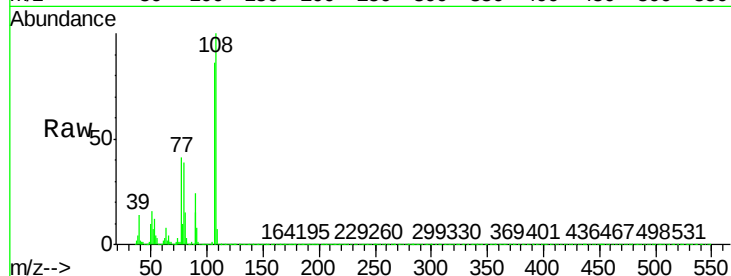
Ion Ratio Lower Upper

107 100

108 116.0 90.3 135.5

77 47.2 37.1 55.7

79 45.8 35.8 53.6

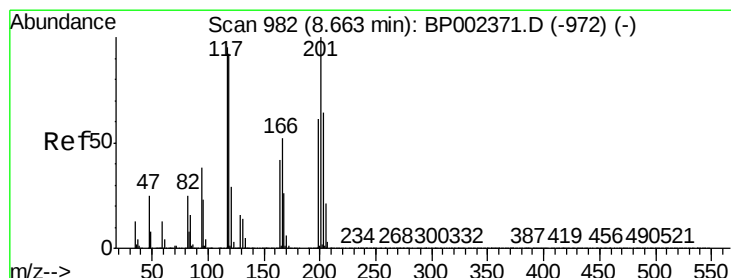
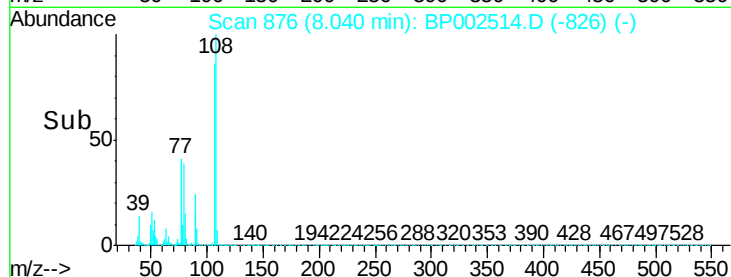
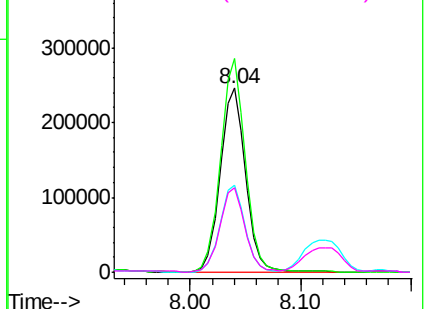


Abundance Ion 107.00 (106.70 to 107.70): E

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: 47.158 ng

RT: 8.65 min Scan# 980

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

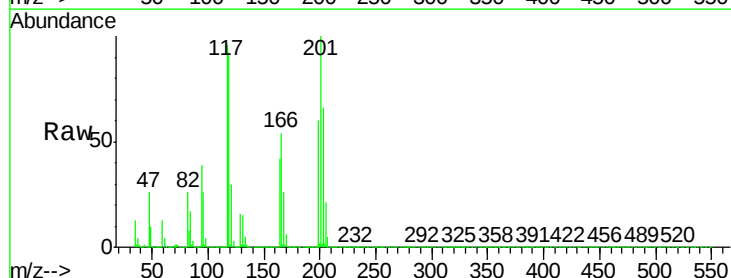
Tgt Ion:117 Resp: 205006

Ion Ratio Lower Upper

117 100

119 95.6 77.8 116.8

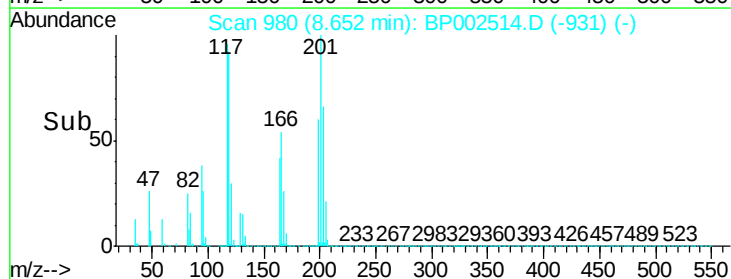
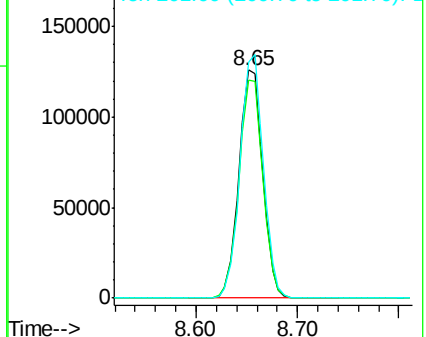
201 103.6 84.2 126.4

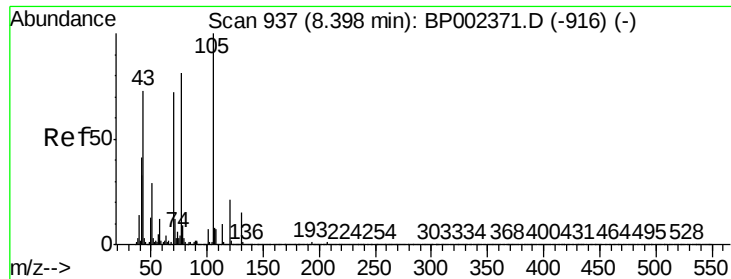


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

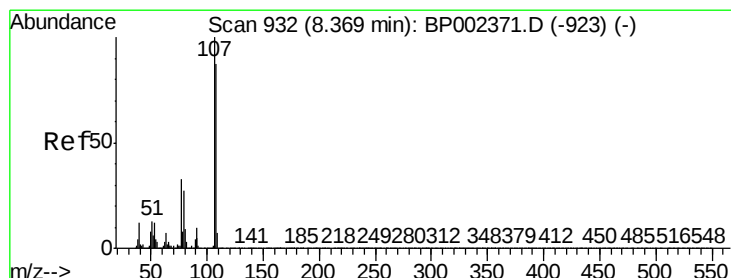
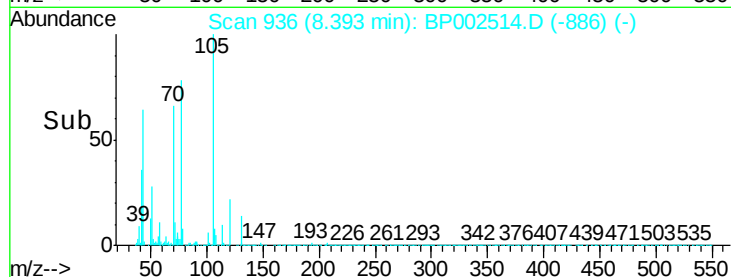
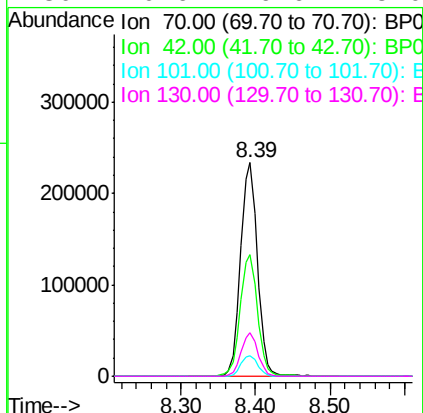
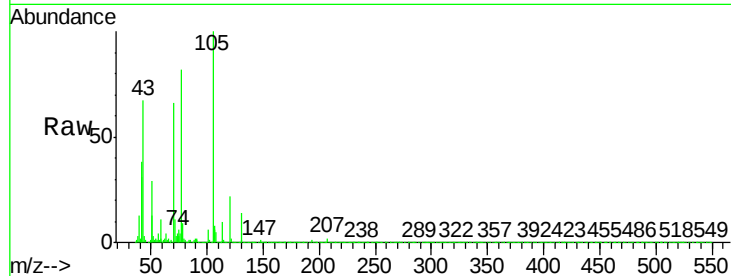




#19
n-Nitroso-di-n-propylamine
Concen: 44.792 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

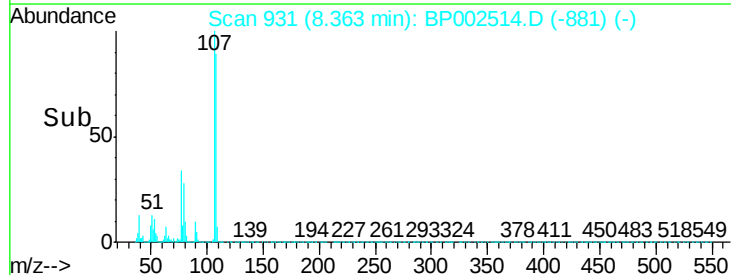
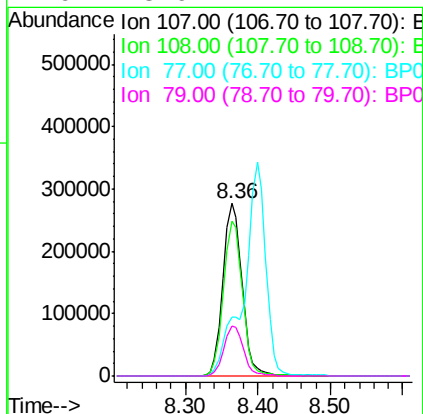
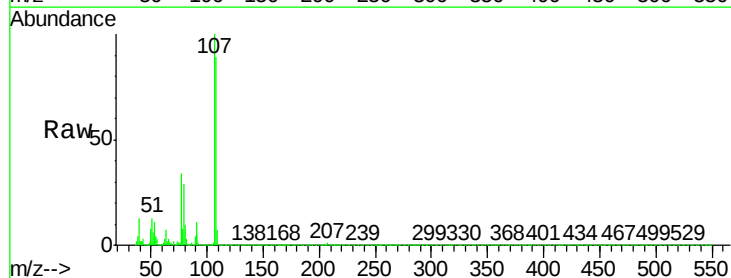
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

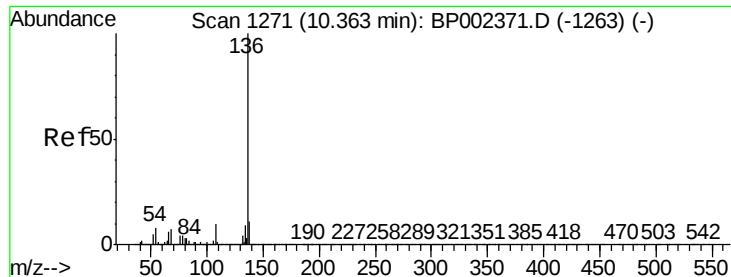
Tot Ion:	70	Resp:	365158
Ion	Ratio	Lower	Upper
70	100		
42	56.9	45.7	68.5
101	9.6	7.5	11.3
130	20.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.218 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion:	107	Resp:	511595
Ion	Ratio	Lower	Upper
107	100		
108	89.4	67.5	107.5
77	34.4	13.5	53.5
79	28.9	7.4	47.4

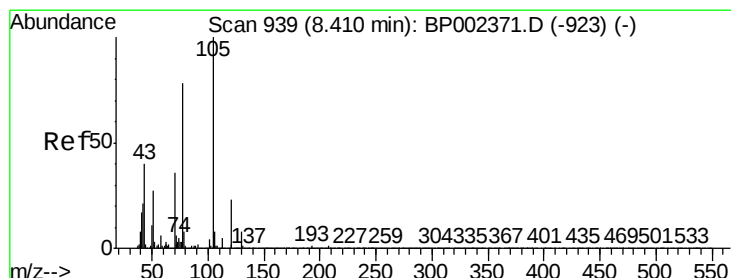
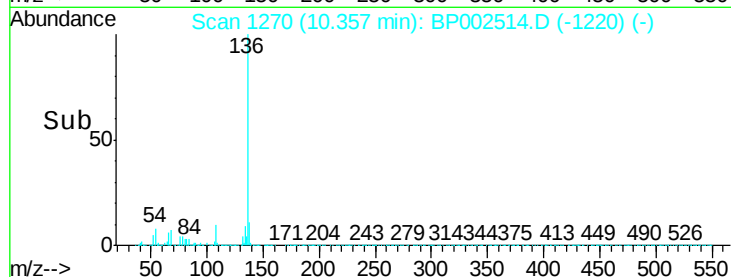
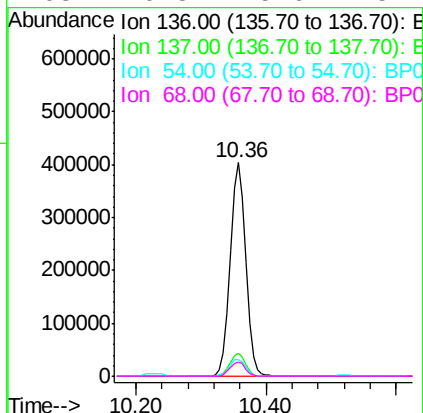
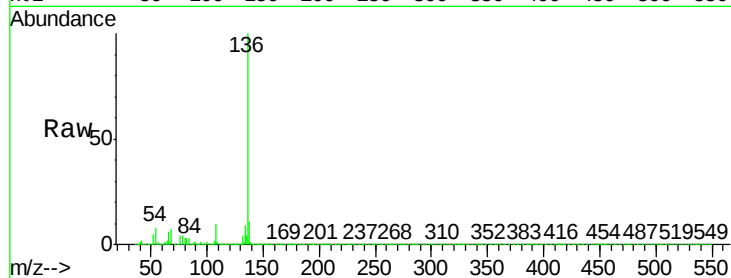




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

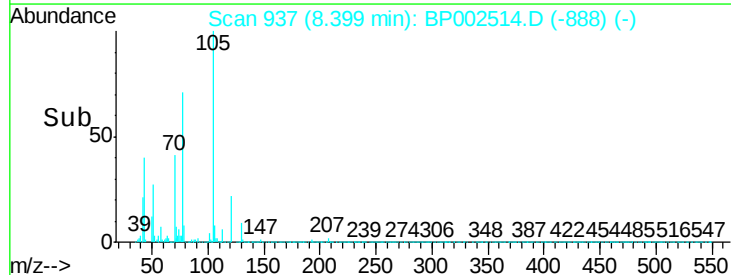
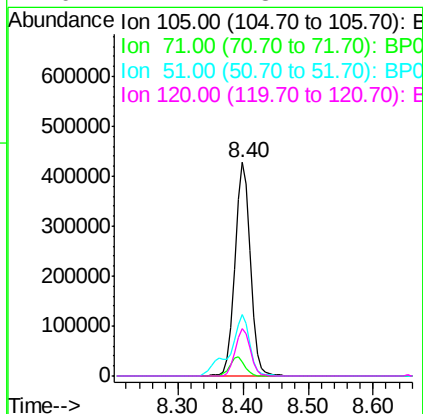
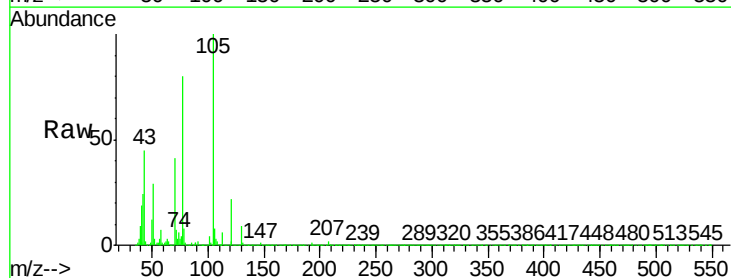
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

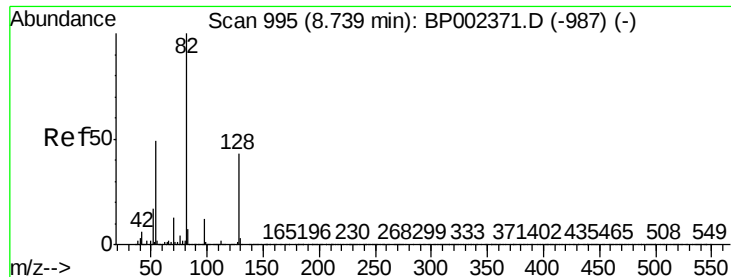
Tot Ion:136	Resp: 668008
Ion Ratio	Lower Upper
136 100	
137 10.7	8.8 13.2
54 8.0	6.4 9.6
68 6.8	5.6 8.4



#22
Acetophenone
Concen: 46.645 ng
RT: 8.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt	Ion:105	Resp:	700038
Ion	Ratio	Lower	Upper
105	100		
71	6.6	4.7	7.1
51	28.5	21.4	32.0
120	22.2	18.1	27.1

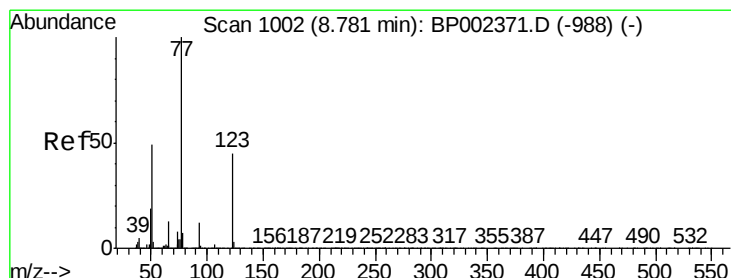
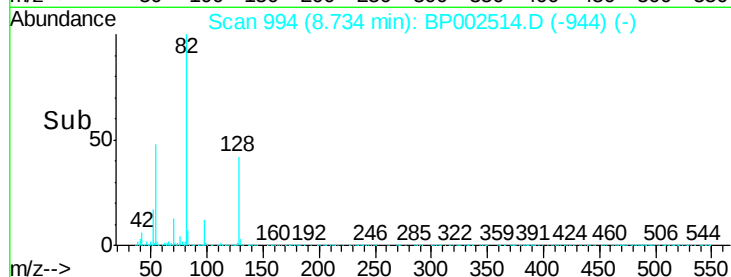
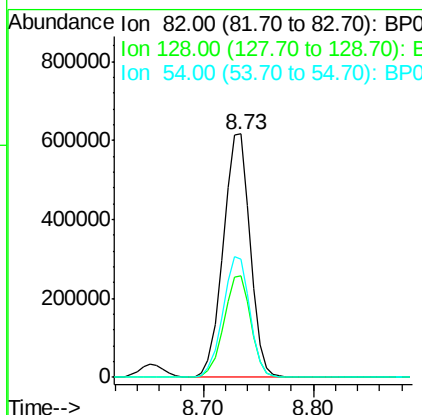
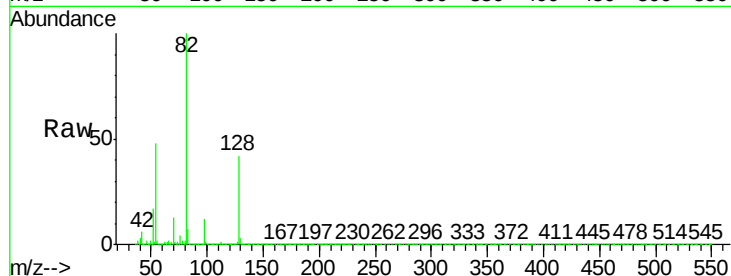




#23
Nitrobenzene-d5
Concen: 94.130 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

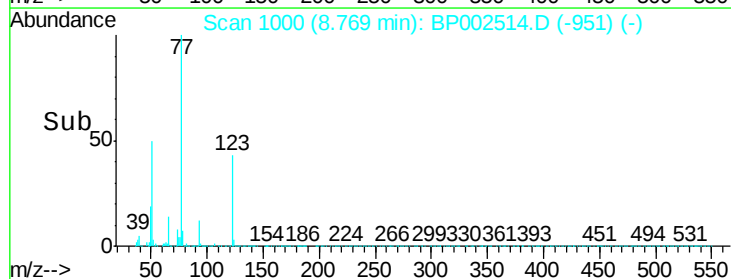
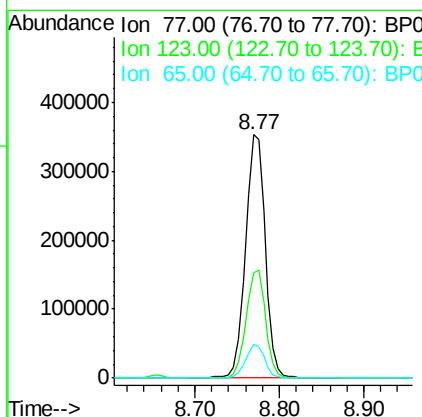
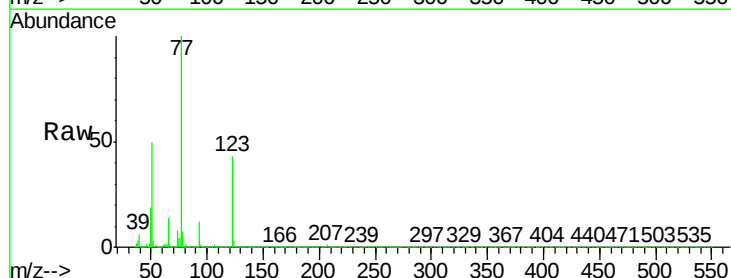
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

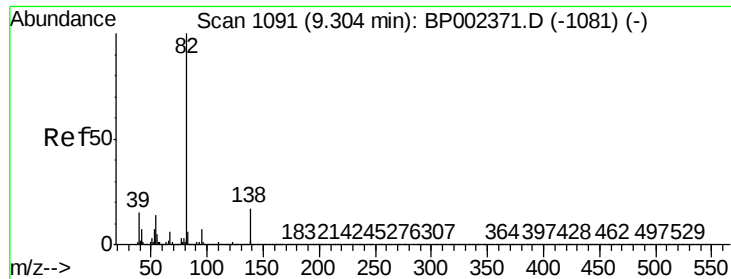
Tot Ion: 82 Resp: 1052927
Ion Ratio Lower Upper
82 100
128 41.7 34.5 51.7
54 48.5 39.4 59.2



#24
Nitrobenzene
Concen: 47.443 ng
RT: 8.77 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion: 77 Resp: 570457
Ion Ratio Lower Upper
77 100
123 43.3 35.8 53.8
65 13.6 10.5 15.7

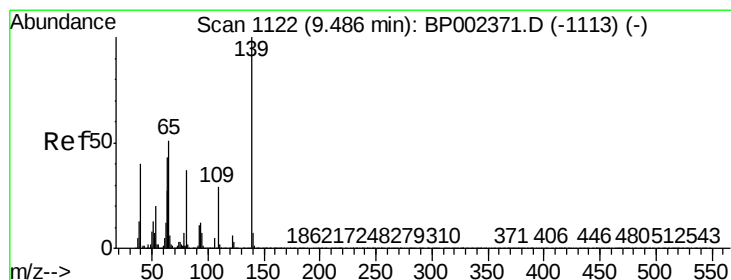
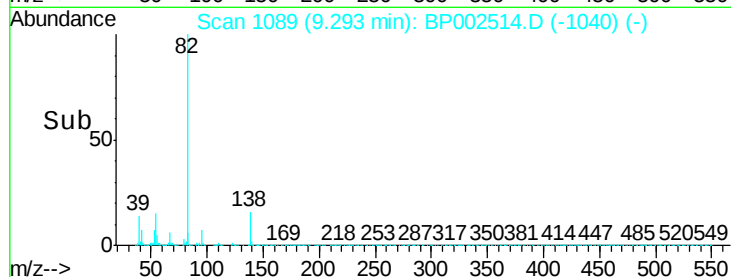
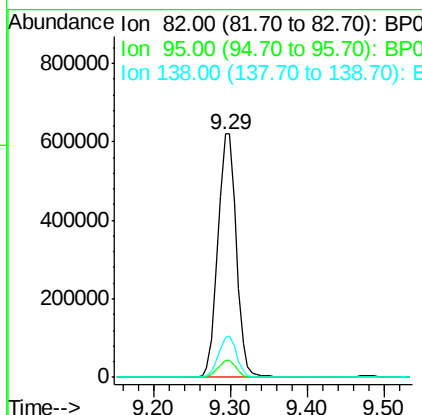
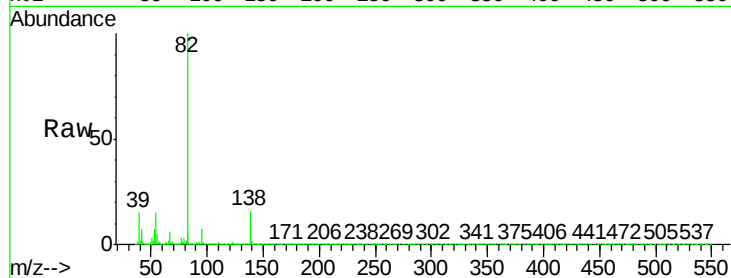




#25
Isophorone
Concen: 44.919 ng
RT: 9.29 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

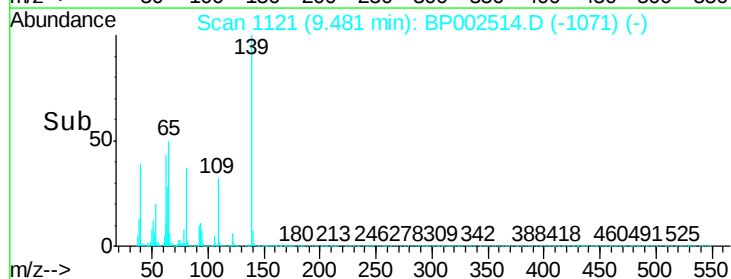
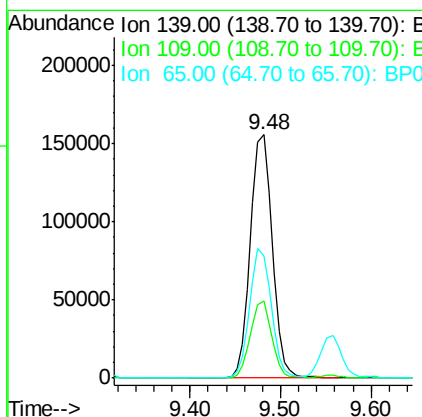
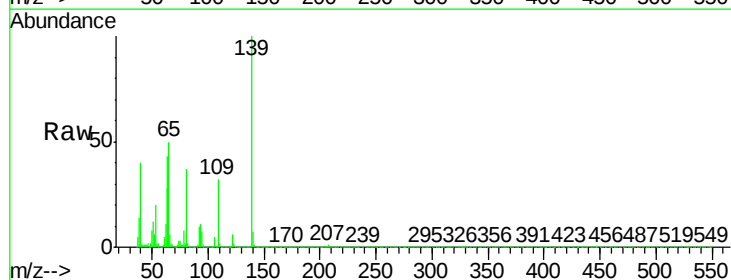
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

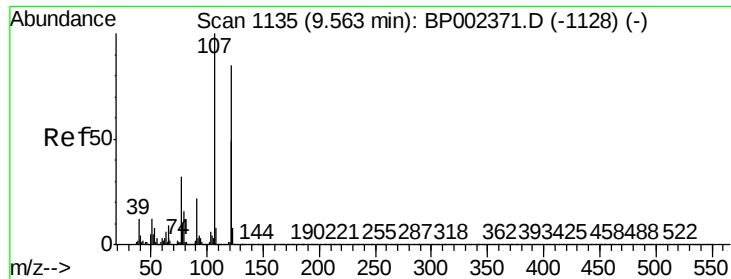
Tot Ion: 82 Resp: 1023349
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 16.4 13.4 20.0



#26
2-Nitrophenol
Concen: 49.027 ng
RT: 9.48 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion: 139 Resp: 262690
Ion Ratio Lower Upper
139 100
109 31.8 23.4 35.2
65 49.9 41.1 61.7

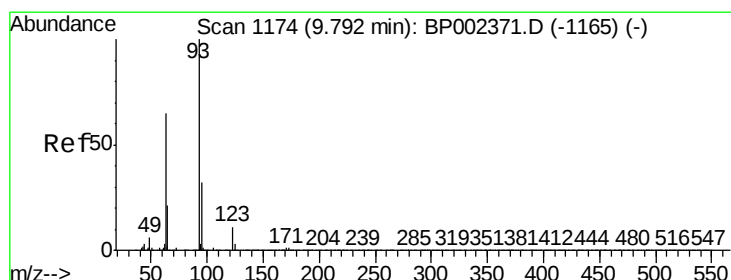
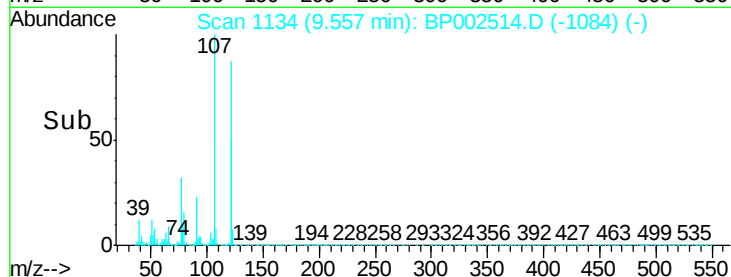
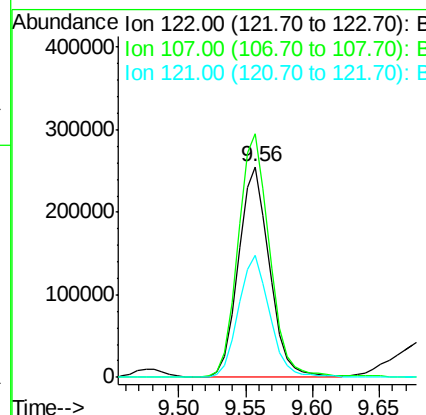
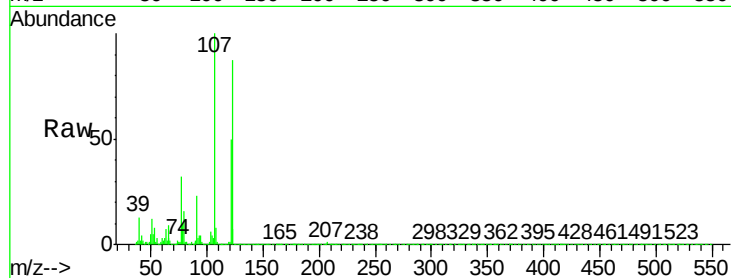




#27
 2,4-Dimethylphenol
 Concen: 48.862 ng
 RT: 9.56 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BP002514.D
 Acq: 23 Jun 2020 22:43

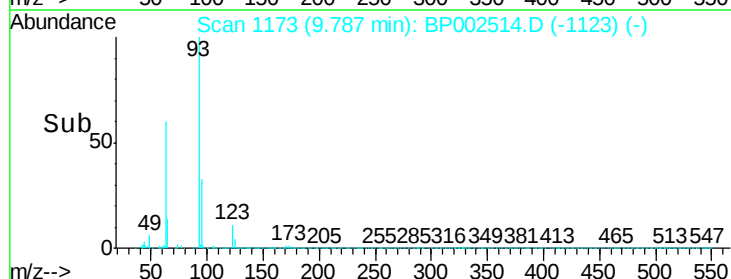
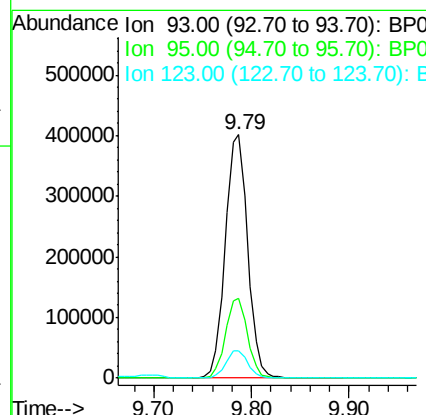
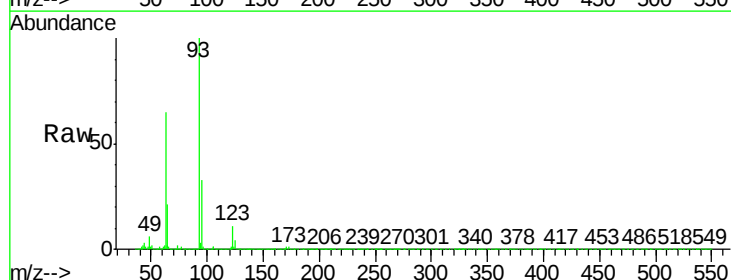
Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOXMS

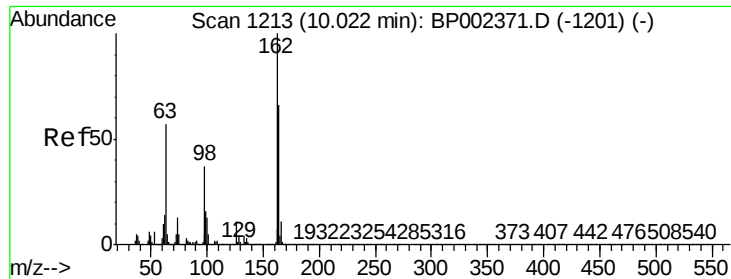
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.4	94.0	141.0
121	58.0	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.028 ng
 RT: 9.79 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BP002514.D
 Acq: 23 Jun 2020 22:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.8
123	11.1	8.7	13.1

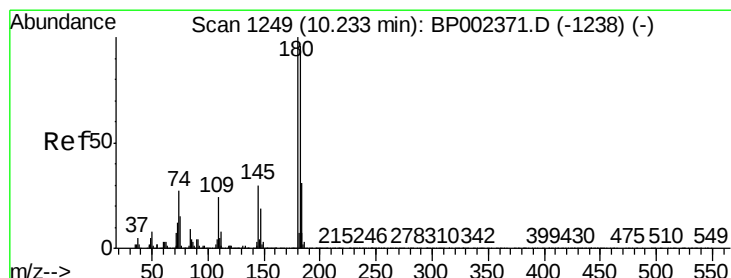
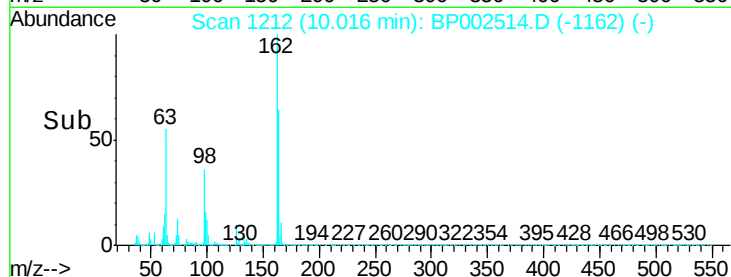
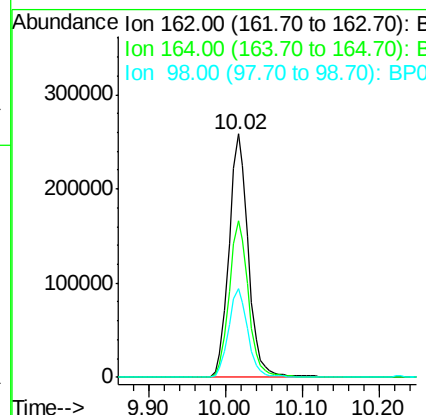
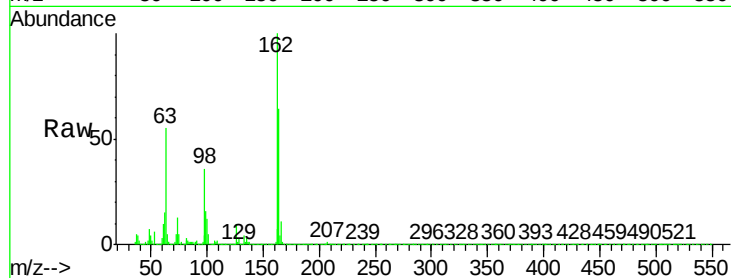




#29
 2,4-Dichlorophenol
 Concen: 47.862 ng
 RT: 10.02 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BP002514.D
 Acq: 23 Jun 2020 22:43

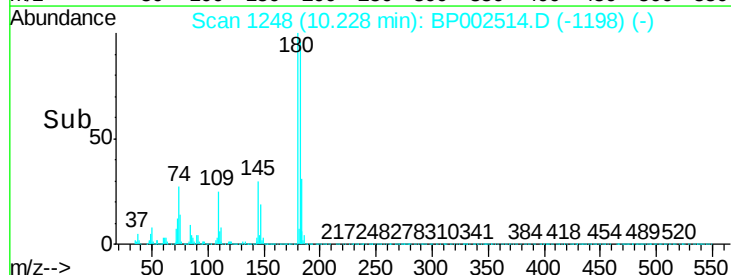
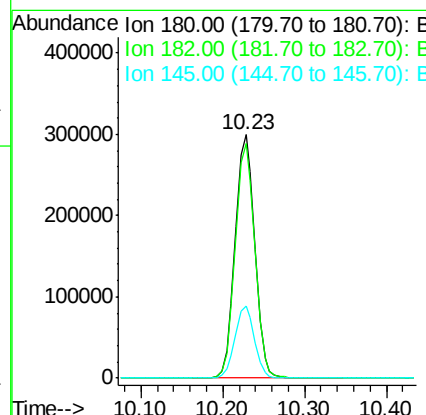
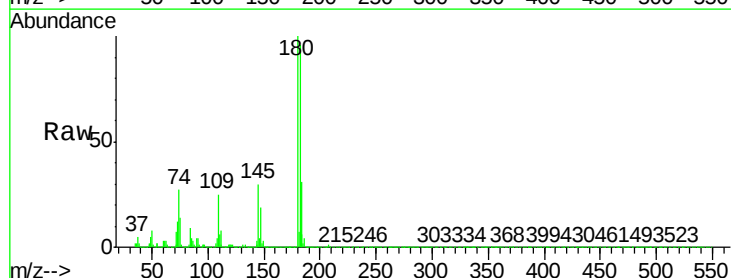
Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOXMS

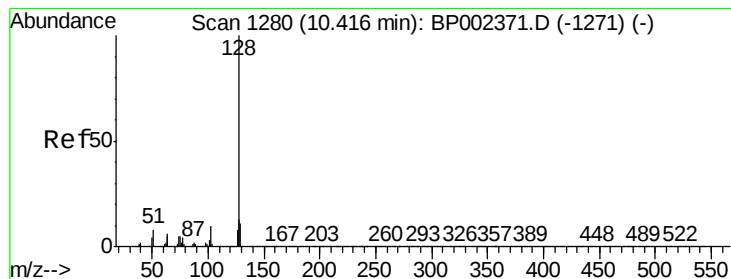
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.5	85.5
98	36.5	16.6	56.6



#30
 1,2,4-Trichlorobenzene
 Concen: 47.556 ng
 RT: 10.23 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BP002514.D
 Acq: 23 Jun 2020 22:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.1	115.7
145	29.5	23.8	35.6





#31

Naphthalene

Concen: 47.231 ng

RT: 10.40 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Instrument :

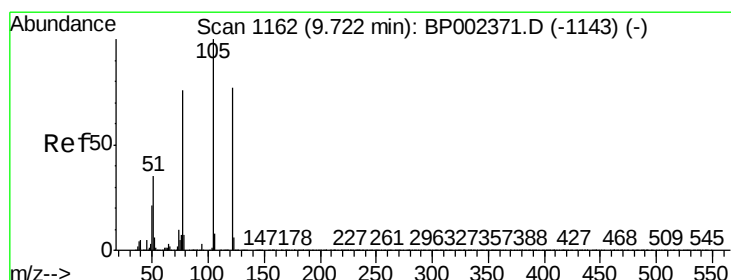
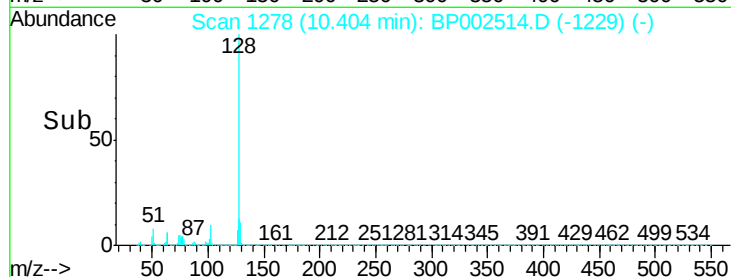
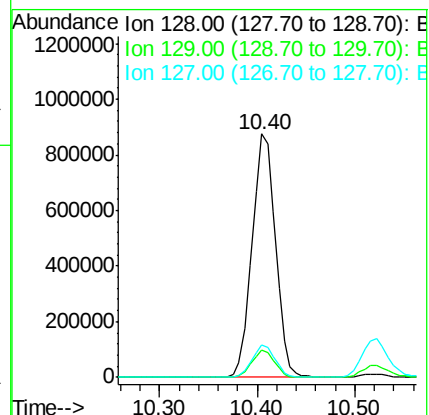
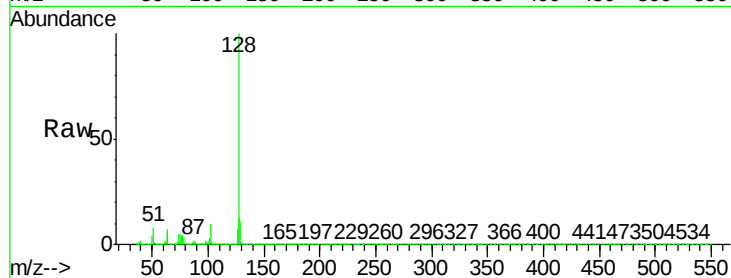
BNA_P

ClientSampleId :

SLUDGE-BOXMS

Tot Ion:128 Resp: 1465768

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.3	10.3	15.5



#32

Benzoic acid

Concen: 29.423 ng

RT: 9.70 min Scan# 1158

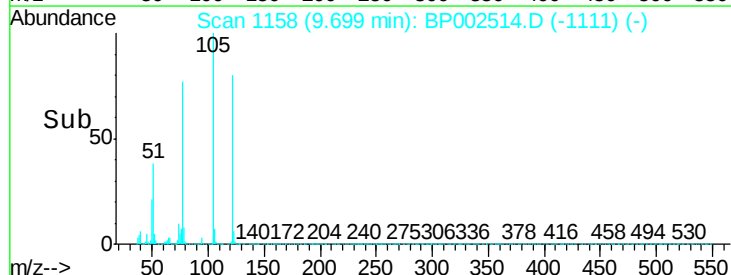
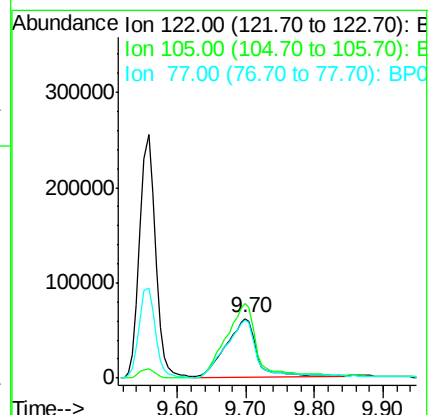
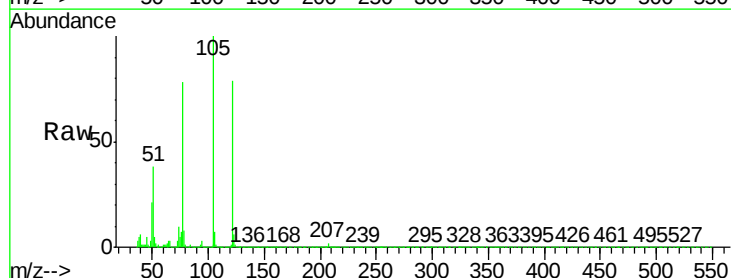
Delta R.T. -0.02 min

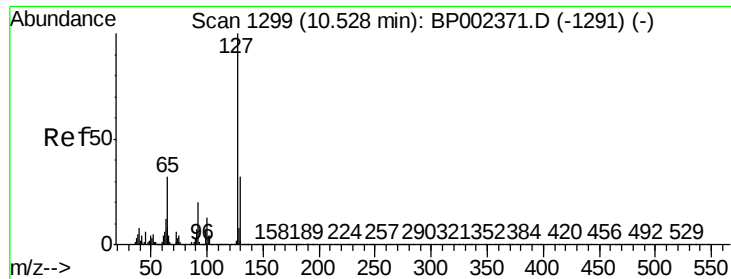
Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Tgt Ion:122 Resp: 190256

Ion	Ratio	Lower	Upper
122	100		
105	125.8	106.3	146.3
77	97.7	77.5	117.5

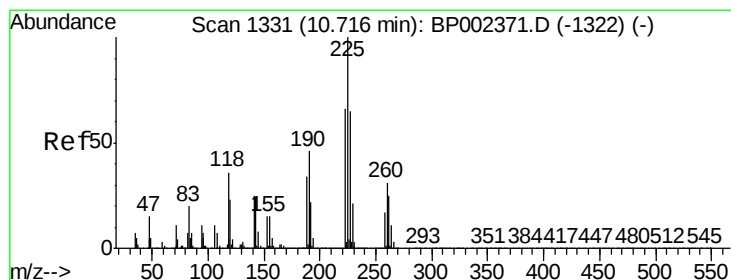
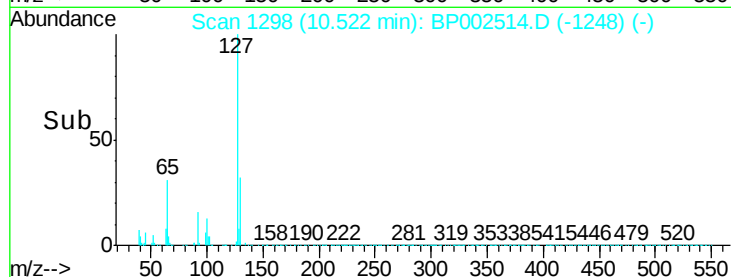
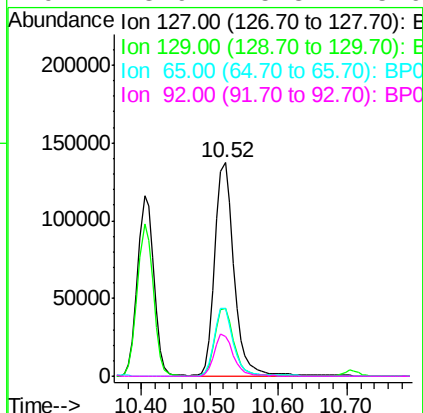
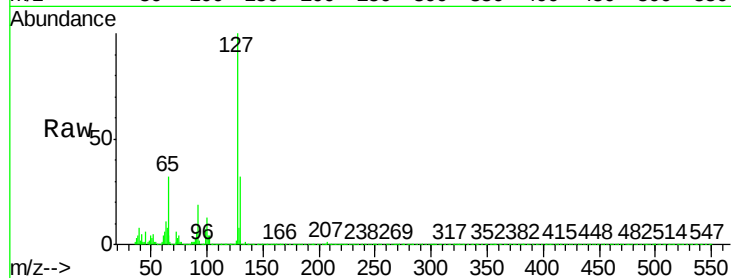




#33
4-Chloroaniline
Concen: 19.657 ng
RT: 10.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

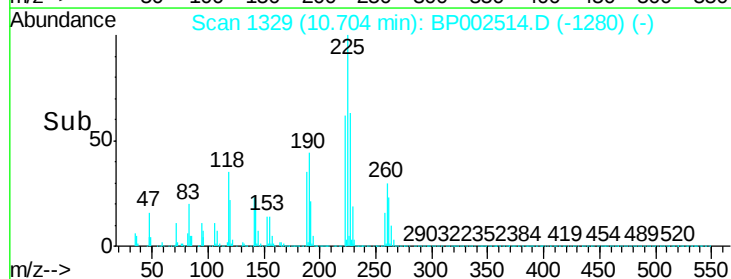
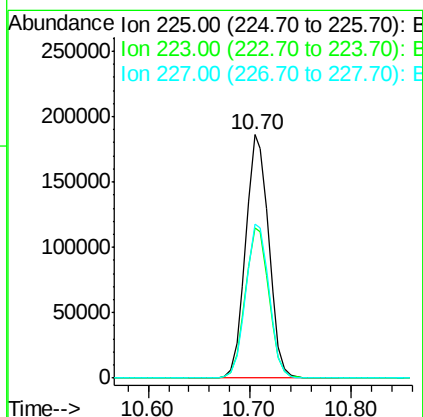
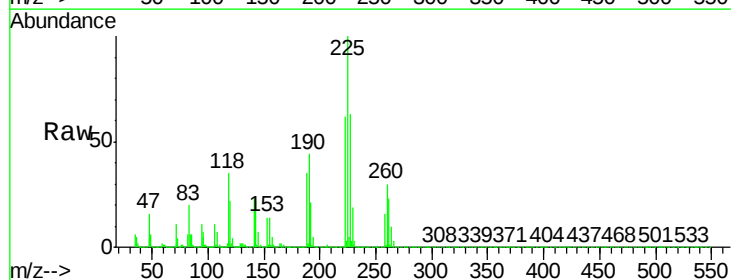
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

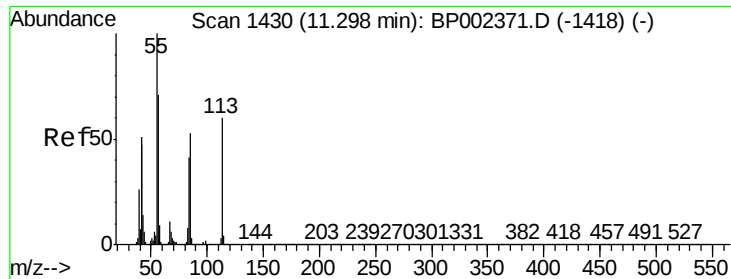
Tot Ion:	127	Resp:	266313
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.4	38.2
65	31.5	25.3	37.9
92	18.9	15.8	23.6



#34
Hexachlorobutadiene
Concen: 47.923 ng
RT: 10.70 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion:	225	Resp:	294963
Ion	Ratio	Lower	Upper
225	100		
223	61.7	52.6	78.8
227	63.2	52.2	78.2

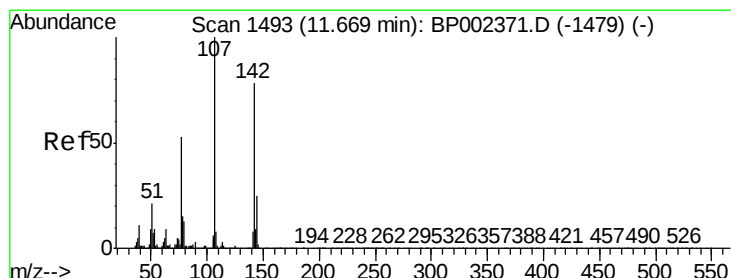
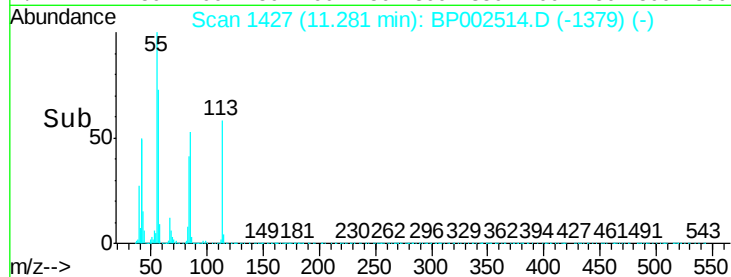
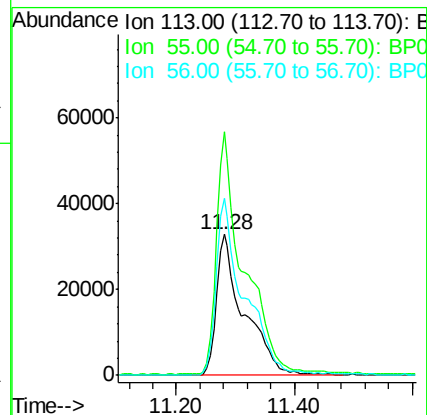
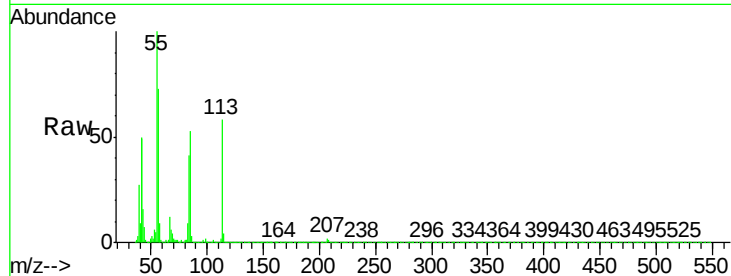




#35
 Caprolactam
 Concen: 31.929 ng
 RT: 11.28 min Scan# 1427
 Delta R.T. -0.02 min
 Lab File: BP002514.D
 Acq: 23 Jun 2020 22:43

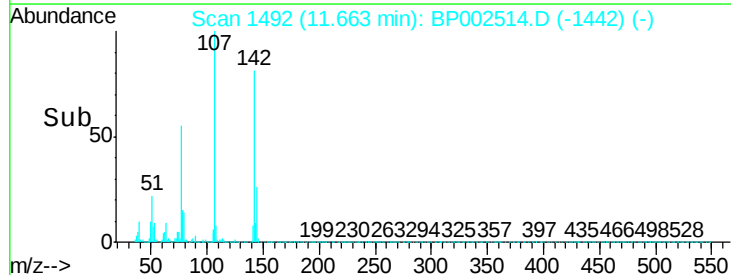
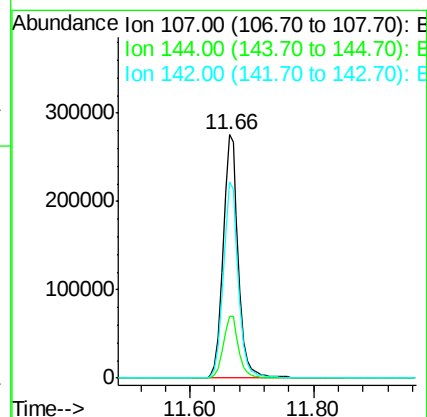
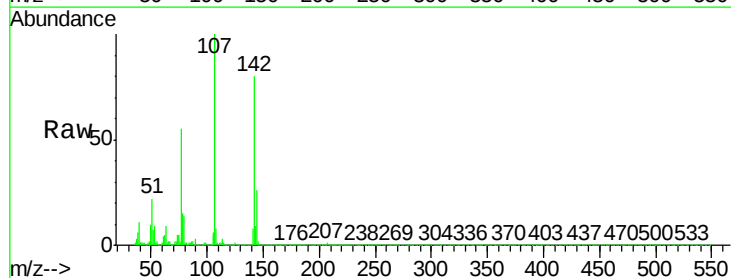
Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOXMS

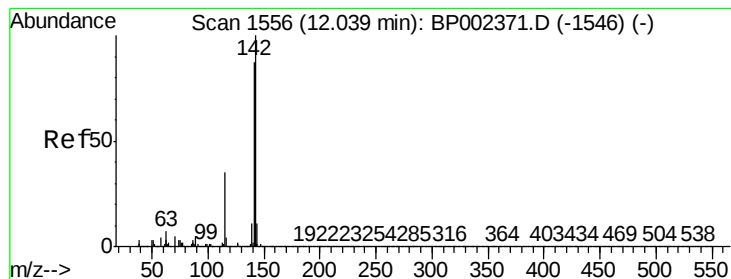
Tot Ion:113 Resp: 106556
 Ion Ratio Lower Upper
 113 100
 55 173.0 147.9 187.9
 56 126.0 99.9 139.9



#36
 4-Chloro-3-methylphenol
 Concen: 45.775 ng
 RT: 11.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BP002514.D
 Acq: 23 Jun 2020 22:43

Tgt Ion:107 Resp: 468639
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.4 30.6
 142 80.5 62.2 93.4





#37

2-Methylnaphthalene

Concen: 47.443 ng

RT: 12.03 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMS

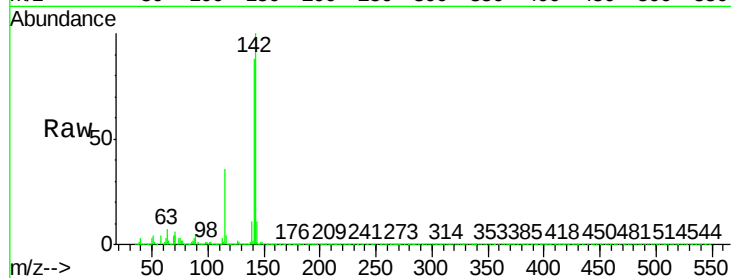
Tot Ion:142 Resp: 1045045

Ion Ratio Lower Upper

142 100

141 88.3 69.7 104.5

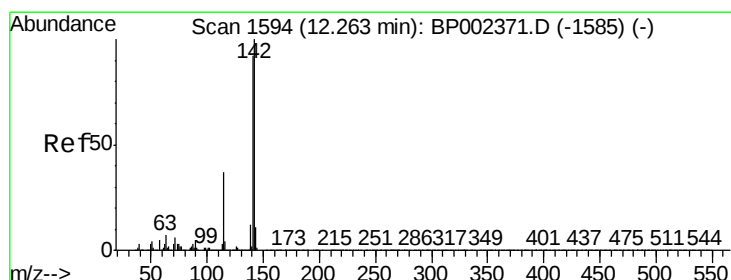
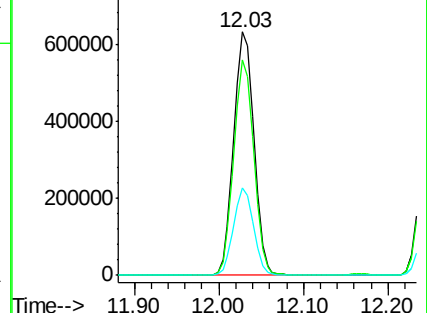
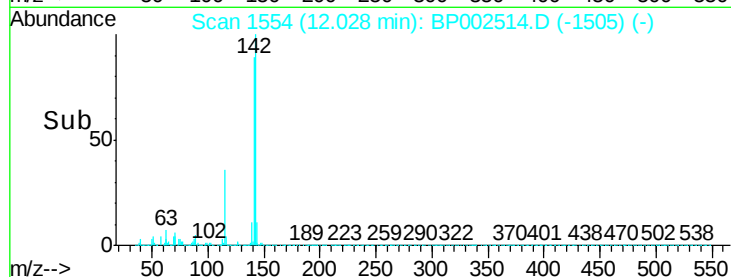
115 35.8 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.439 ng

RT: 12.25 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

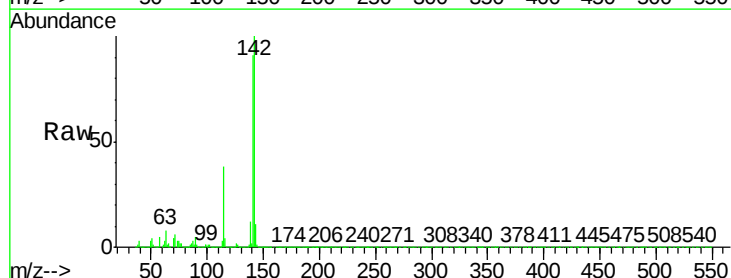
Tgt Ion:142 Resp: 980790

Ion Ratio Lower Upper

142 100

141 90.7 73.6 110.4

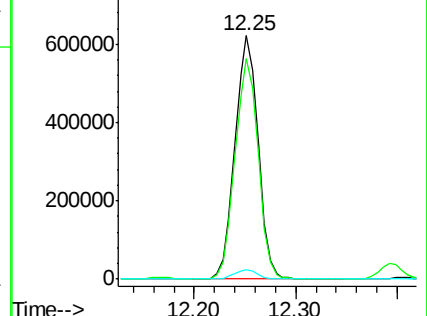
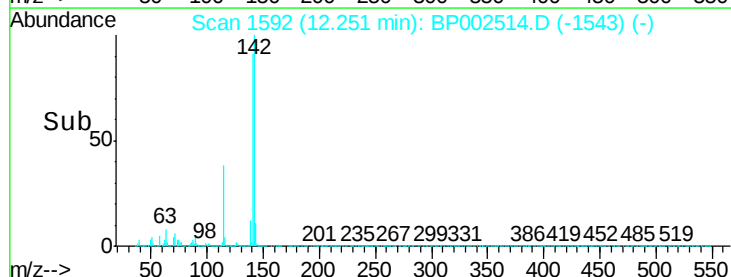
116 3.7 3.1 4.7

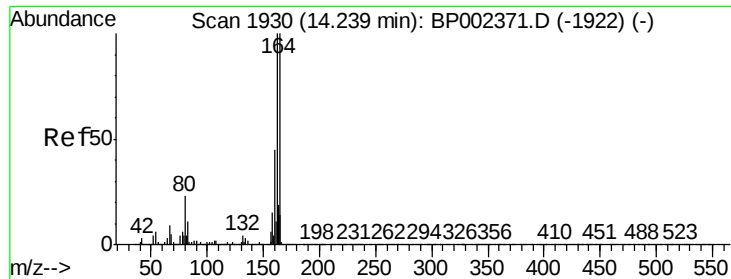


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Instrument :

BNA_P

ClientSampleId :

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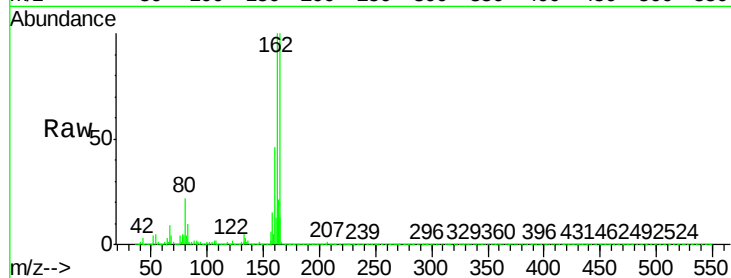
Tot Ion:164 Resp: 388408

Ion Ratio Lower Upper

164 100

162 100.1 79.8 119.8

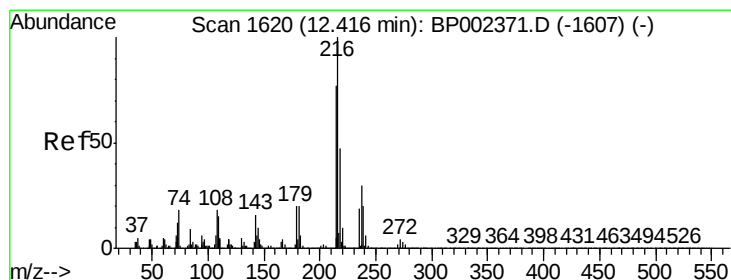
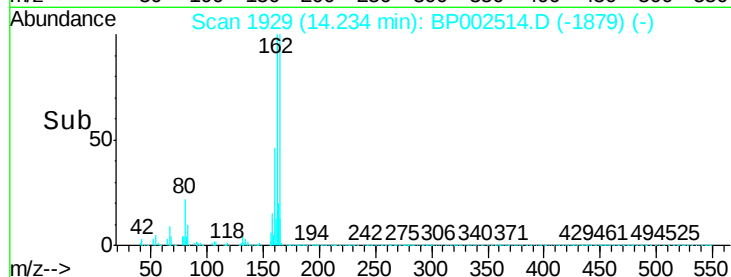
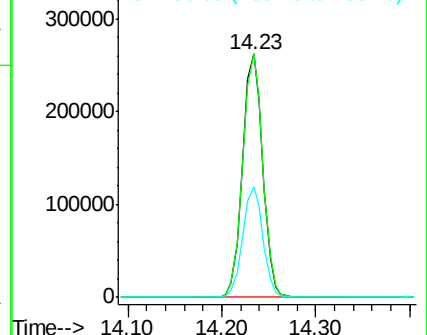
160 45.6 36.2 54.2



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: 49.721 ng

RT: 12.41 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Tgt Ion:216 Resp: 509072

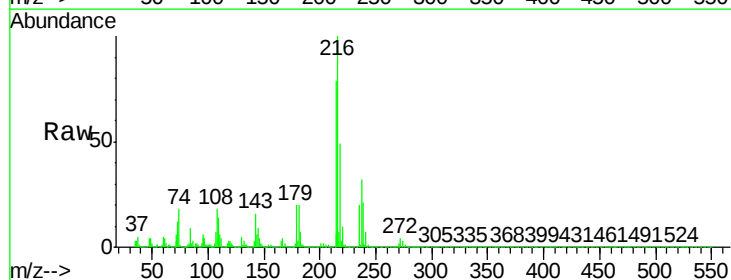
Ion Ratio Lower Upper

216 100

214 78.7 62.6 94.0

179 20.1 16.4 24.6

108 20.6 15.5 23.3

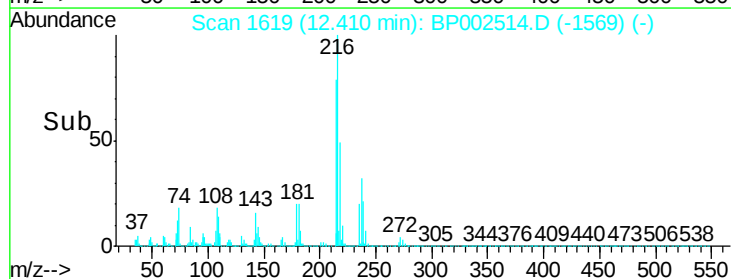
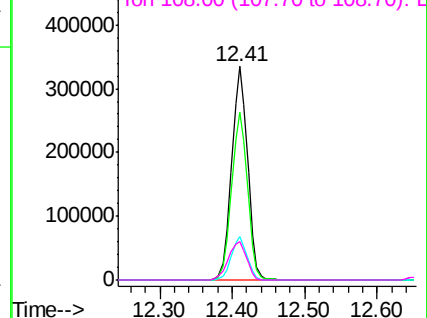


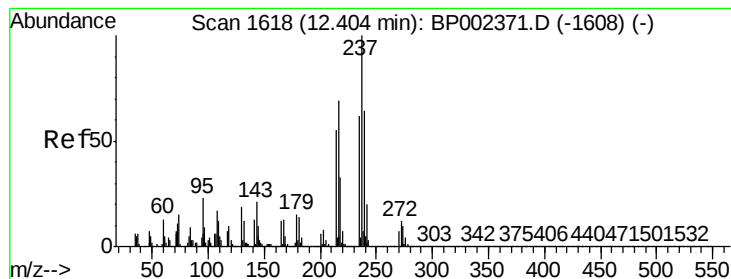
Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.295 ng

RT: 12.39 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMS

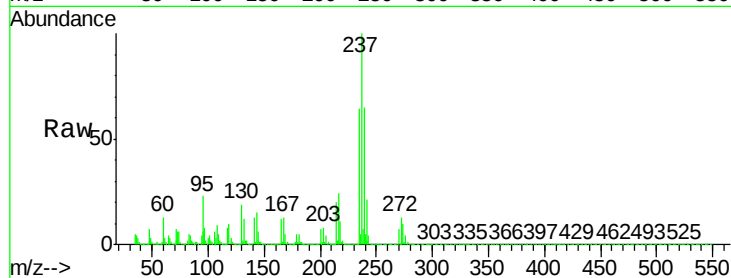
Tot Ion:237 Resp: 491500

Ion Ratio Lower Upper

237 100

235 64.4 42.0 82.0

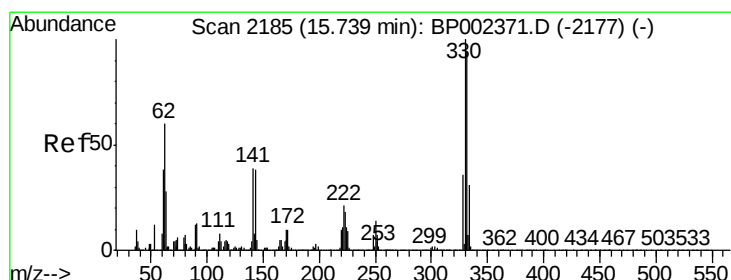
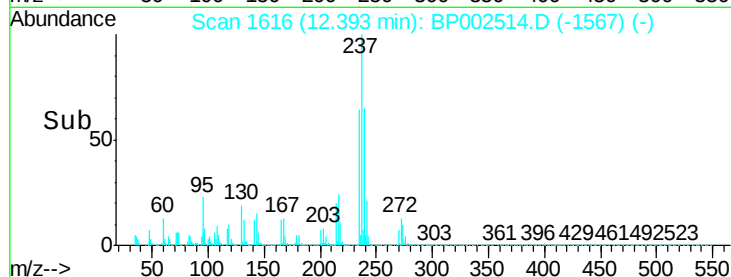
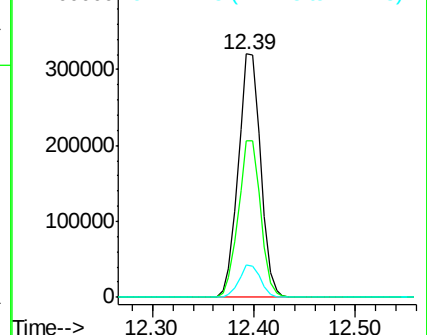
272 13.1 0.0 32.5



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: 139.812 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

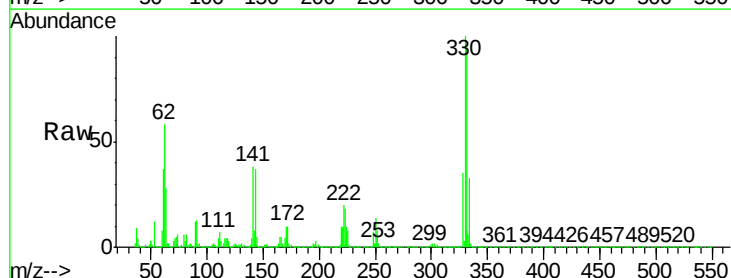
Tgt Ion:330 Resp: 519923

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

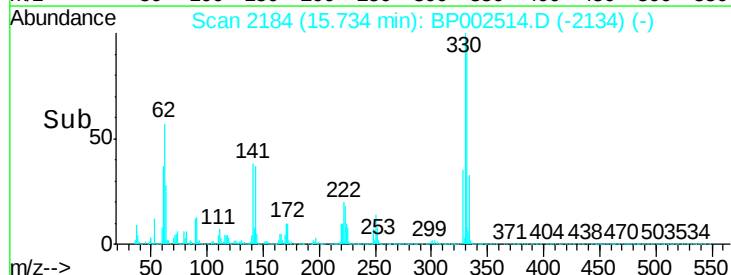
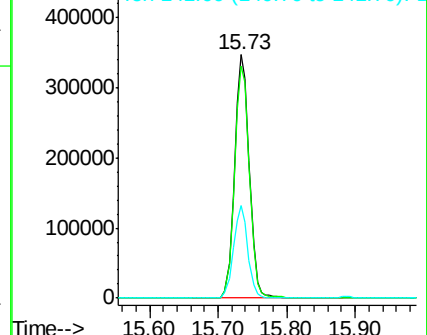
141 37.1 30.3 45.5



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

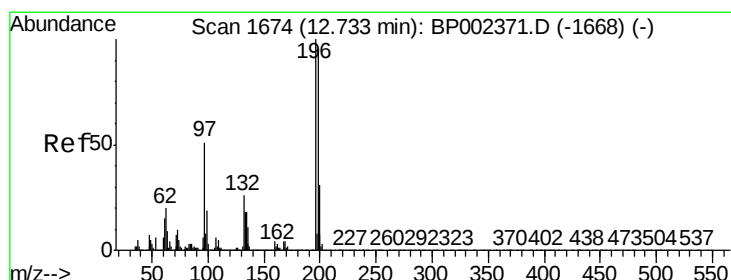
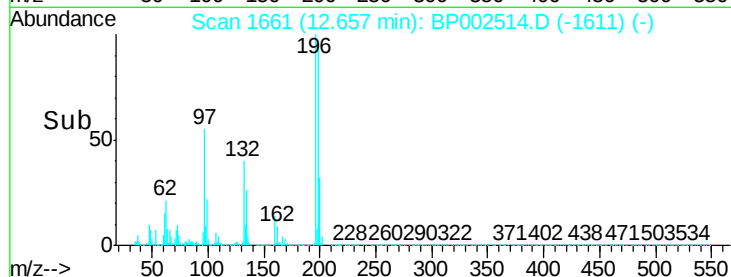
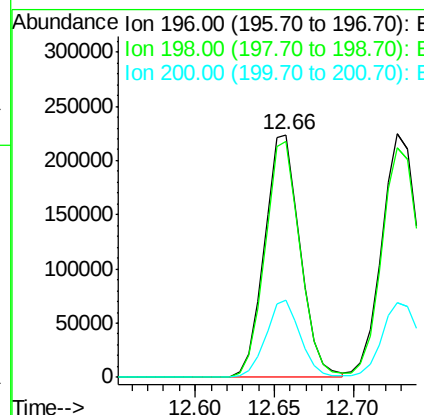
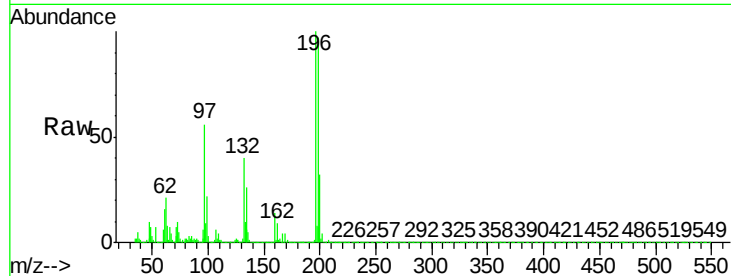




#43
 2,4,6-Trichlorophenol
 Concen: 48.210 ng
 RT: 12.66 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BP002514.D
 Acq: 23 Jun 2020 22:43

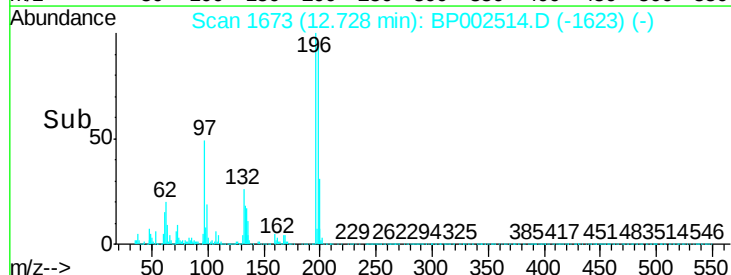
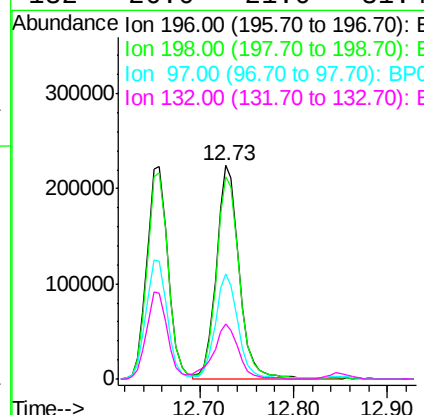
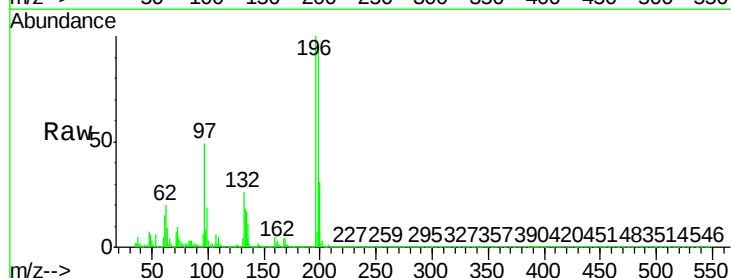
Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOXMS

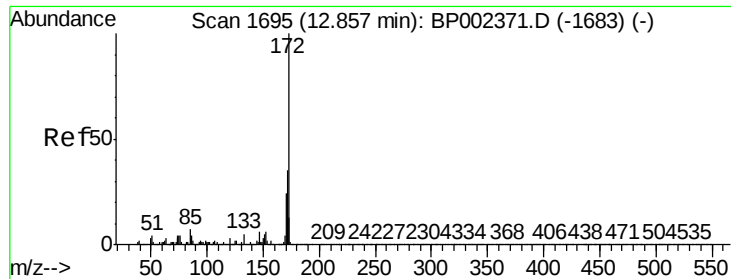
Tot Ion:196 Resp: 349333
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.6 115.0
 200 32.1 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.366 ng
 RT: 12.73 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BP002514.D
 Acq: 23 Jun 2020 22:43

Tgt Ion:196 Resp: 380644
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.2 114.2
 97 49.5 40.6 61.0
 132 26.0 21.0 31.4

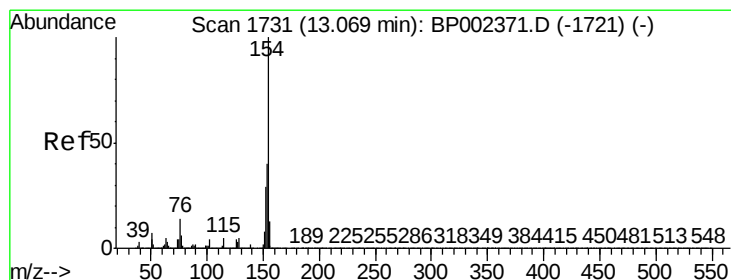
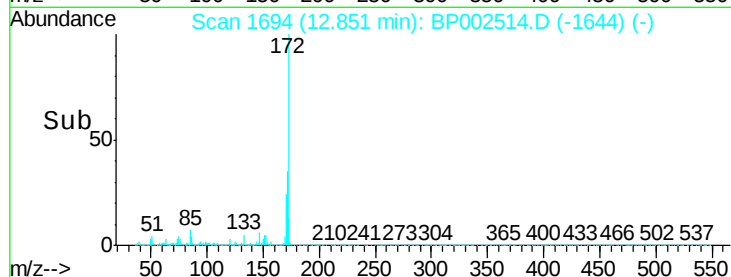
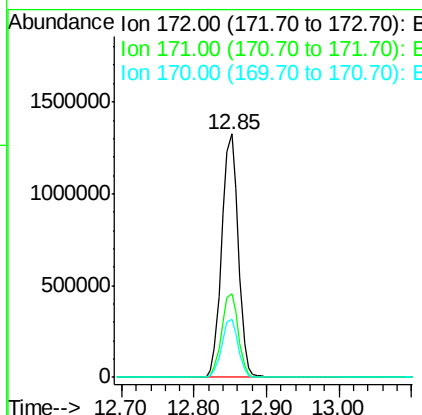
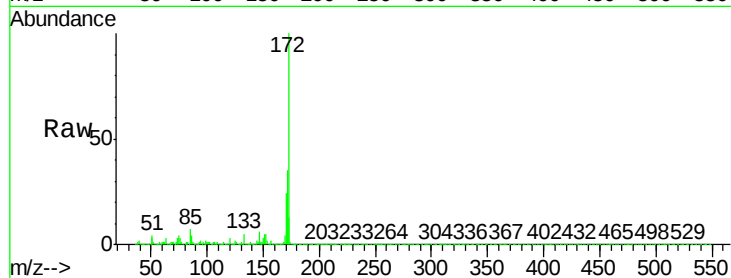




#45
2-Fluorobiphenyl
Concen: 90.875 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

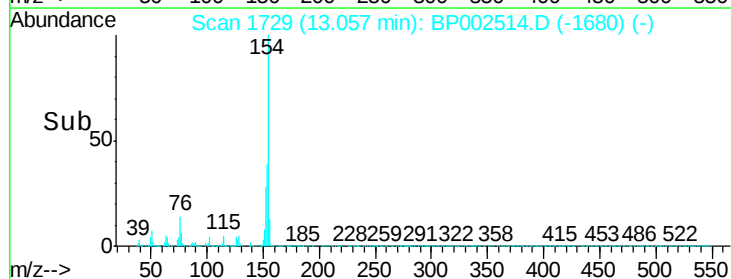
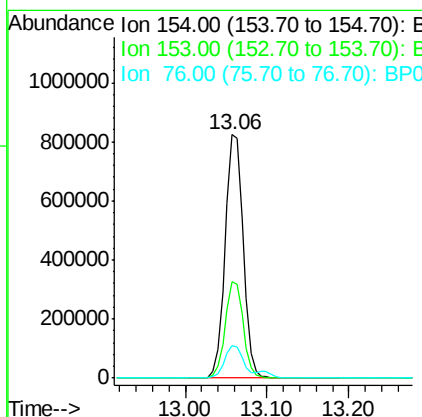
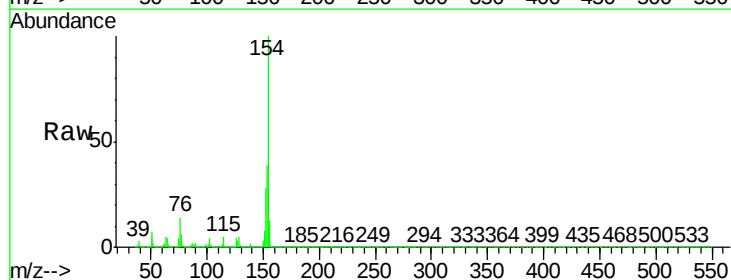
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

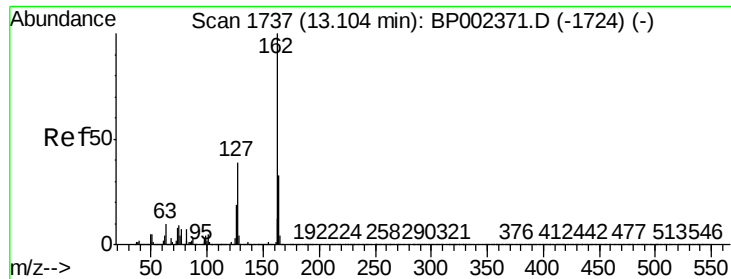
Tot Ion:172 Resp: 2099213
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 49.655 ng
RT: 13.06 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion:154 Resp: 1264008
Ion Ratio Lower Upper
154 100
153 39.5 20.2 60.2
76 13.6 0.0 34.2

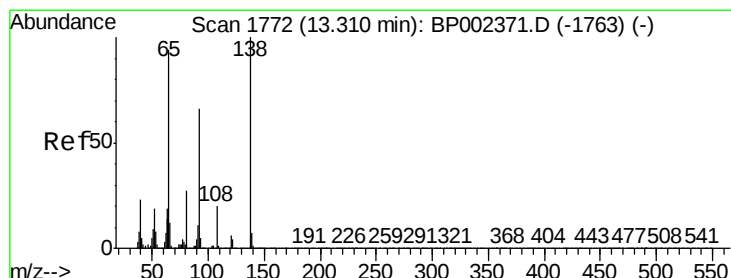
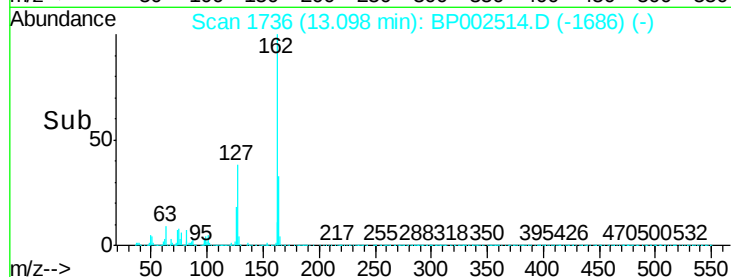
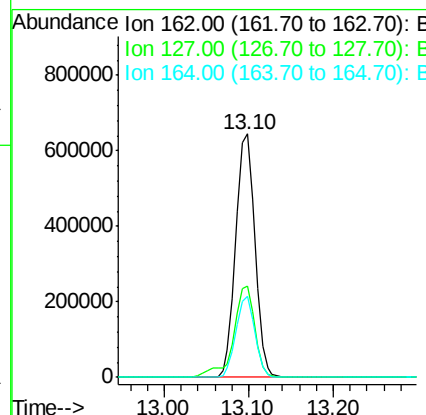
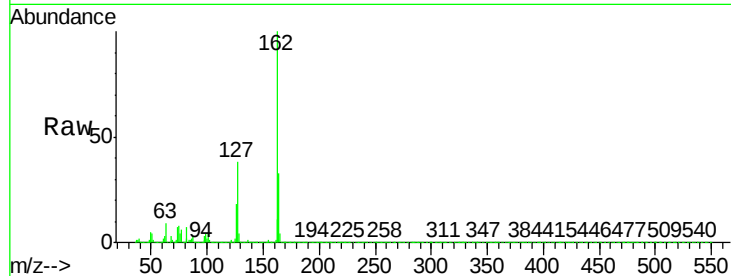




#47
2-Chloronaphthalene
Concen: 48.173 ng
RT: 13.10 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

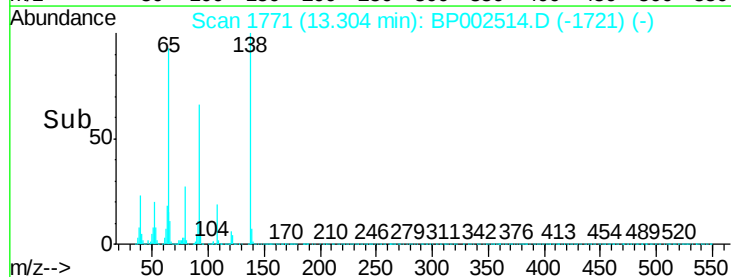
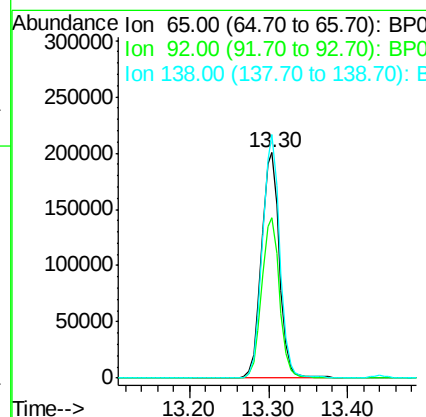
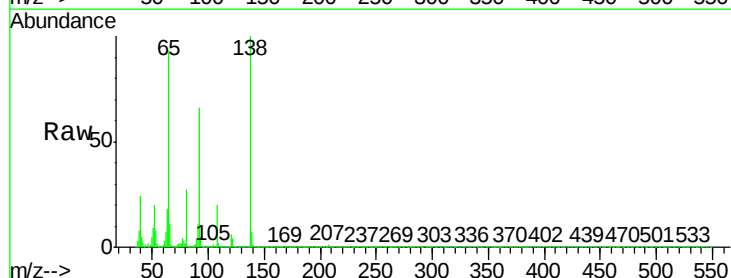
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

Tot Ion:162 Resp: 1003057
Ion Ratio Lower Upper
162 100
127 37.7 31.0 46.4
164 33.1 26.6 40.0



#48
2-Nitroaniline
Concen: 48.011 ng
RT: 13.30 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion: 65 Resp: 319130
Ion Ratio Lower Upper
65 100
92 71.4 56.3 84.5
138 108.0 85.0 127.6





#49

Acenaphthylene

Concen: 47.183 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Instrument :

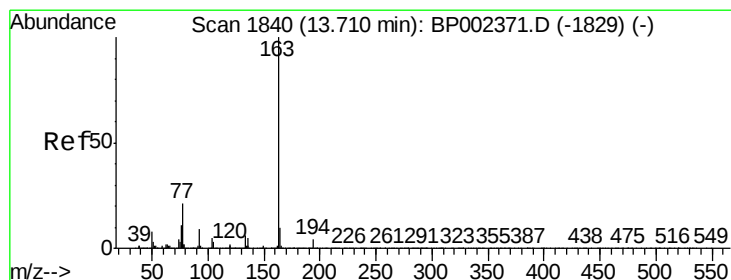
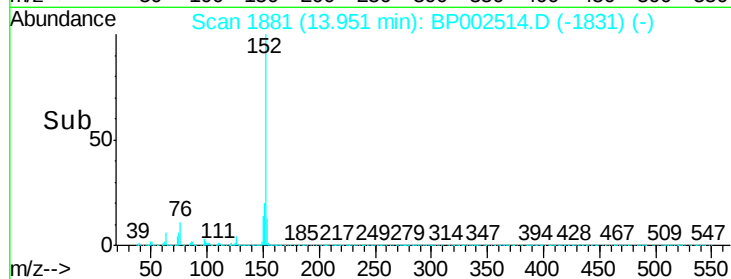
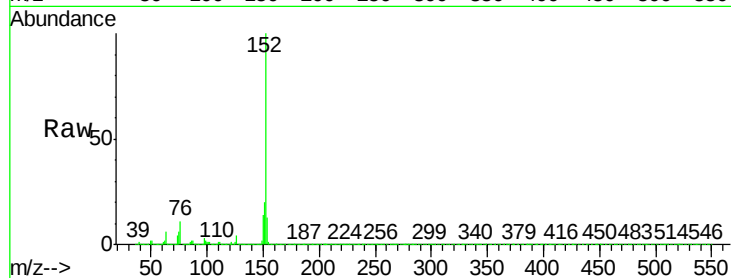
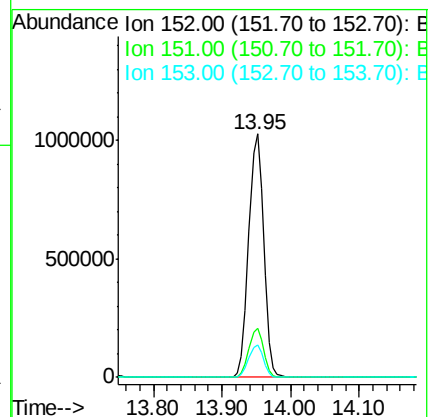
BNA_P

ClientSampleId :

SLUDGE-BOXMS

Tot Ion:152 Resp: 1568093

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.1	10.5	15.7



#50

Dimethylphthalate

Concen: 58.106 ng

RT: 13.70 min Scan# 1839

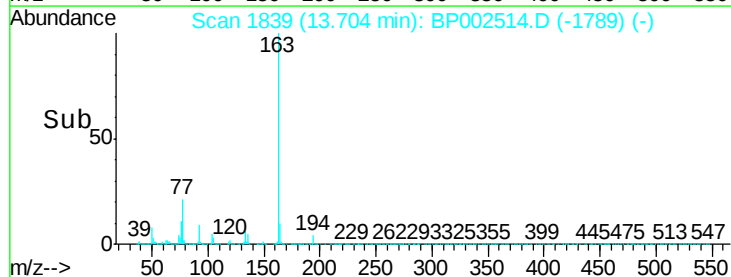
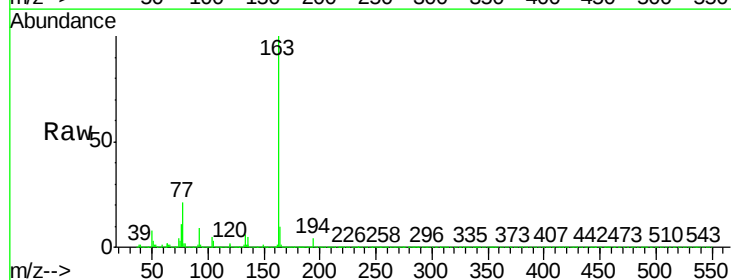
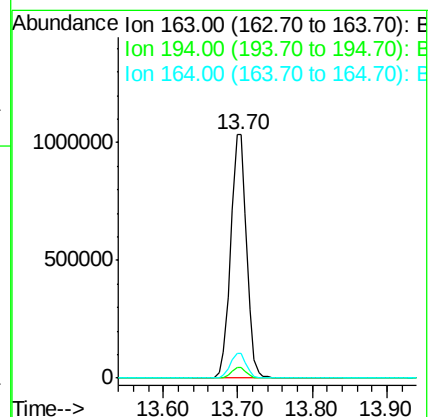
Delta R.T. -0.01 min

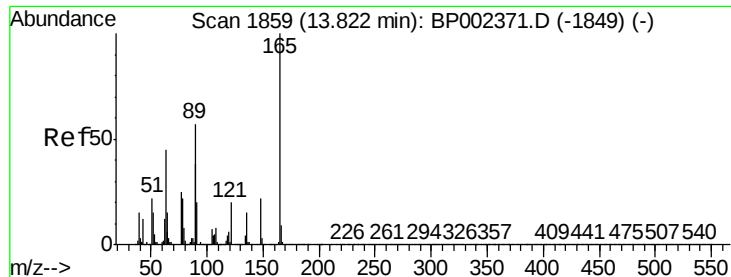
Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Tgt Ion:163 Resp: 1546410

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.1	12.1

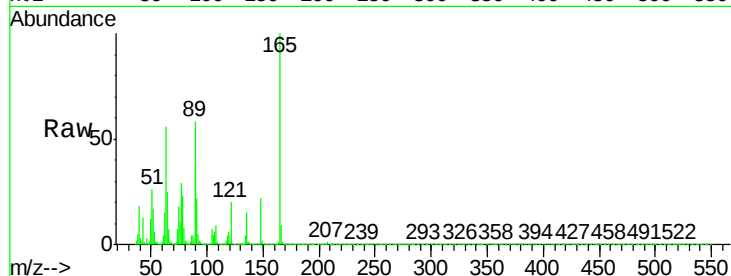




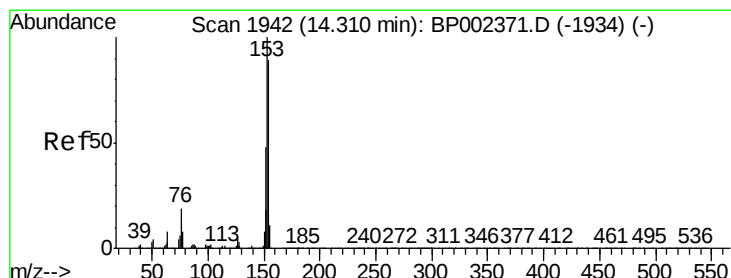
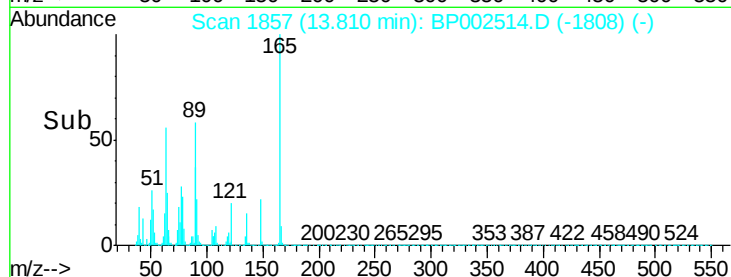
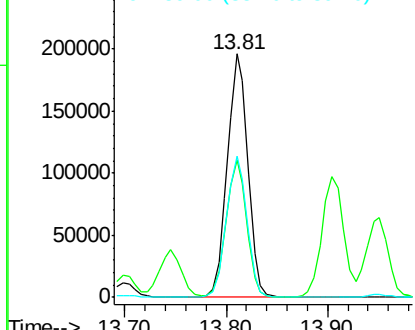
#51
2,6-Dinitrotoluene
Concen: 47.776 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

Tot Ion:165 Resp: 276131
Ion Ratio Lower Upper
165 100
63 56.4 43.1 64.7
89 57.9 45.3 67.9

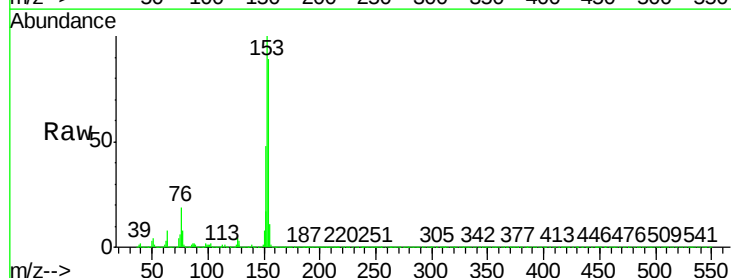


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0

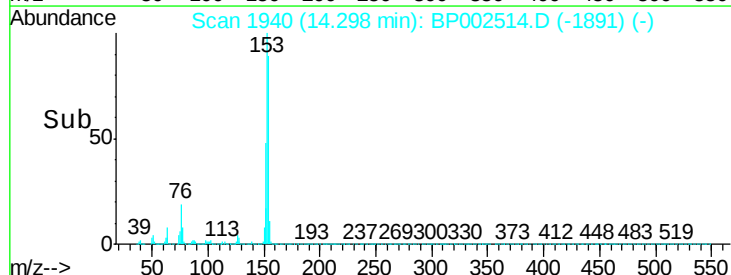
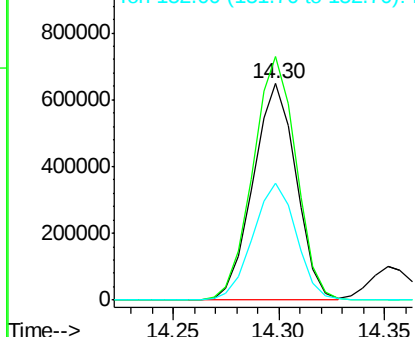


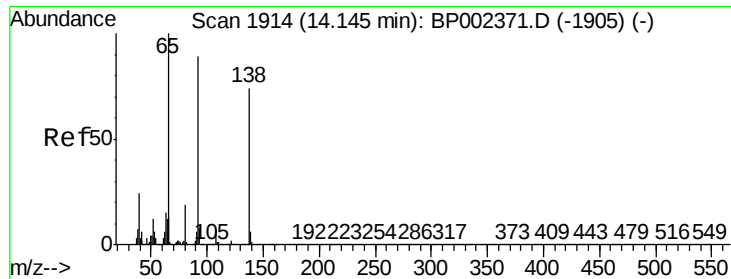
#52
Acenaphthene
Concen: 47.394 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion:154 Resp: 922711
Ion Ratio Lower Upper
154 100
153 112.5 89.5 134.3
152 53.8 43.3 64.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

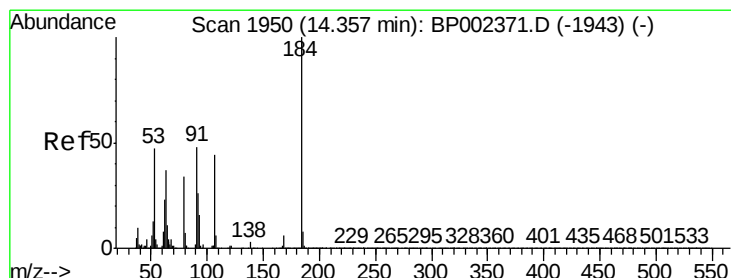
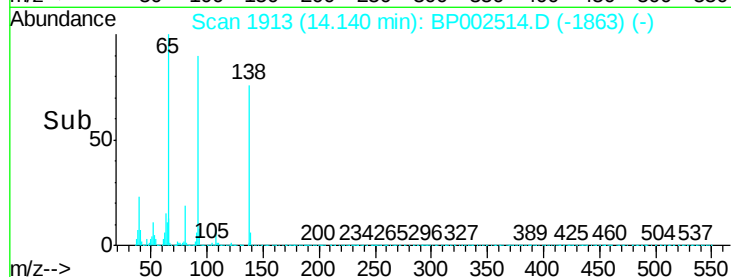
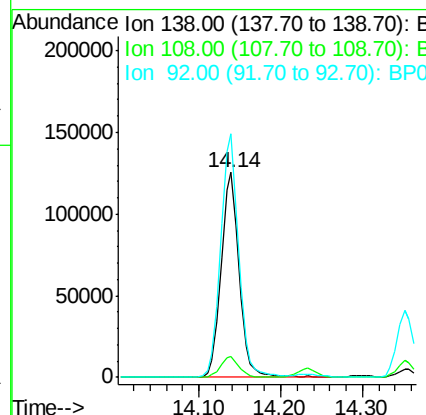
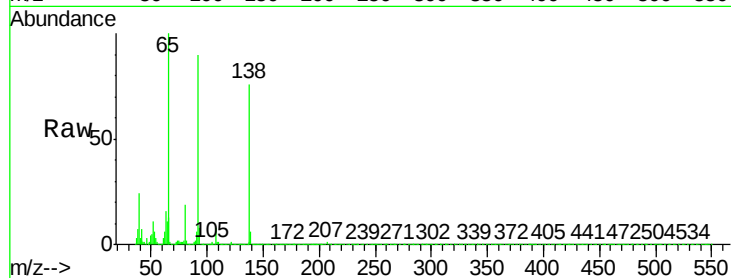




#53
3-Nitroaniline
Concen: 29.219 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

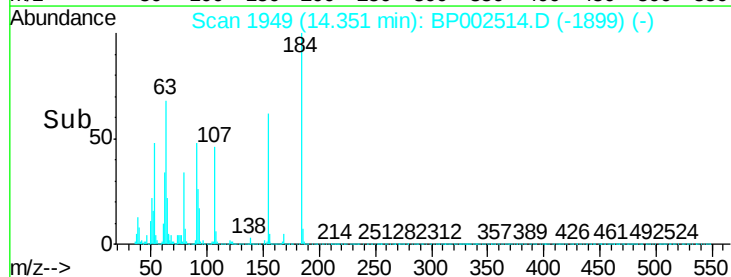
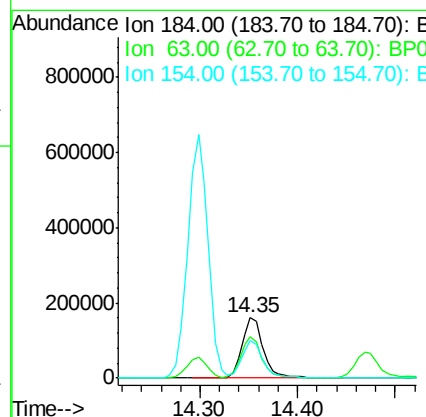
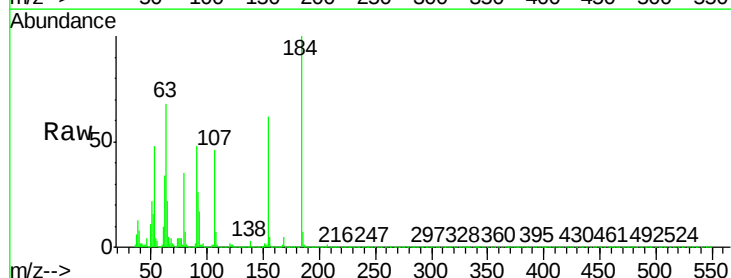
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

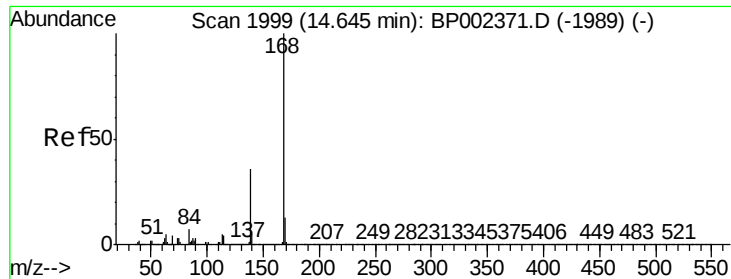
Tot Ion:138 Resp: 192838
Ion Ratio Lower Upper
138 100
108 10.5 8.0 12.0
92 118.9 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 72.582 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion:184 Resp: 246383
Ion Ratio Lower Upper
184 100
63 68.0 52.3 78.5
154 62.4 48.6 72.8

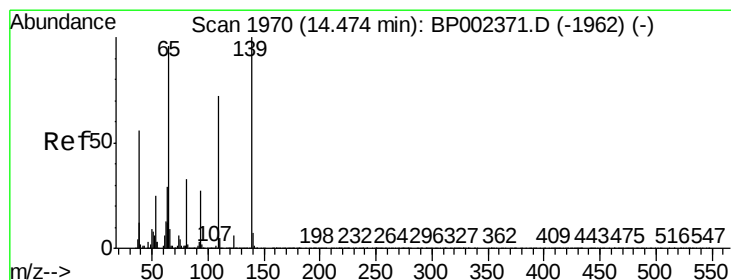
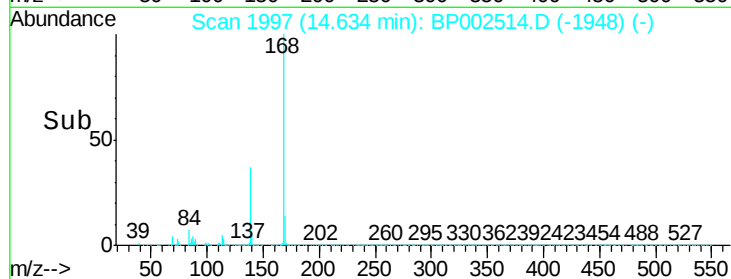
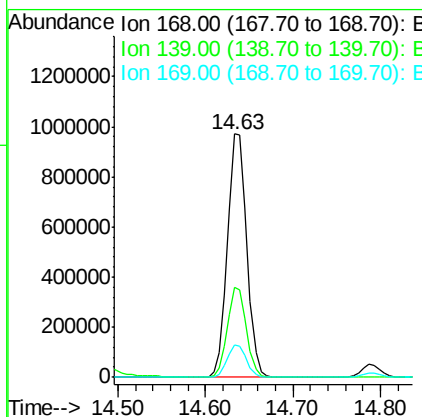
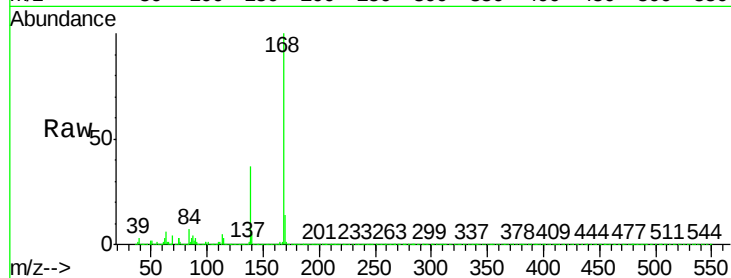




#55
Dibenzenofuran
Concen: 47.192 ng
RT: 14.63 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

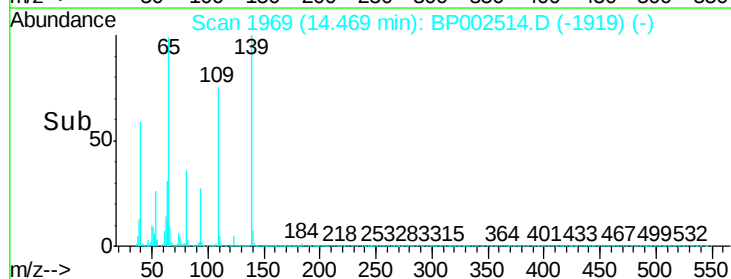
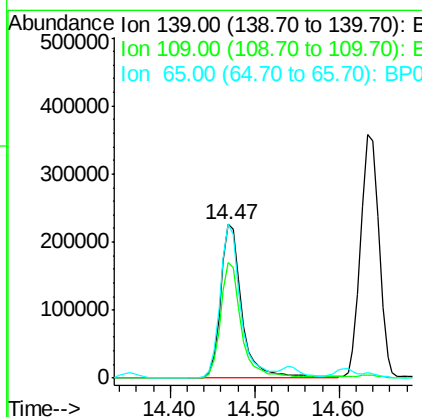
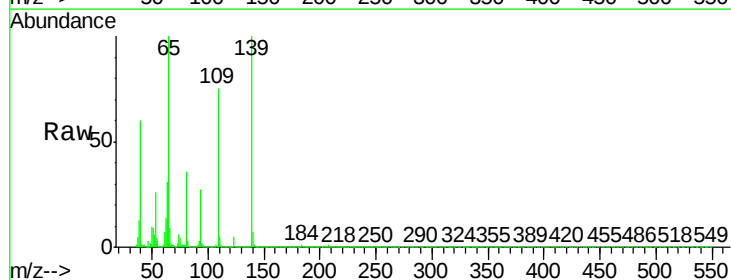
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

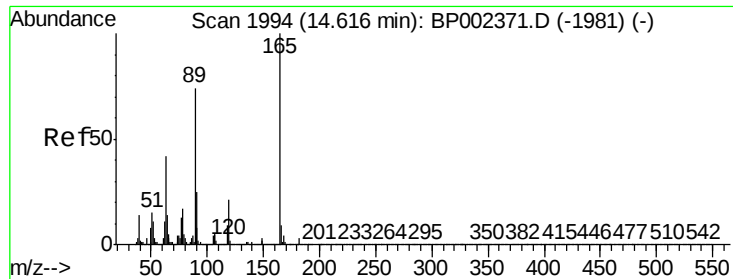
Tot Ion:168 Resp: 1479251
Ion Ratio Lower Upper
168 100
139 36.8 28.9 43.3
169 13.5 10.6 15.8



#56
4-Nitrophenol
Concen: 76.113 ng
RT: 14.47 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion:139 Resp: 398833
Ion Ratio Lower Upper
139 100
109 75.2 52.0 92.0
65 100.5 76.3 116.3

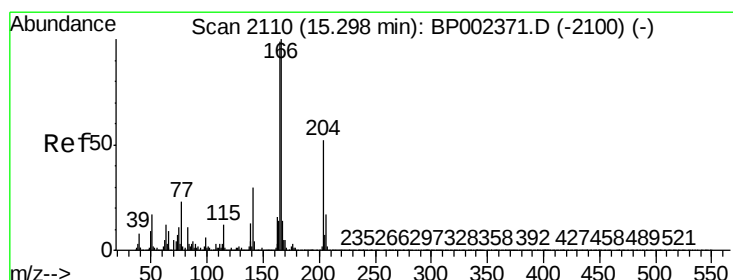
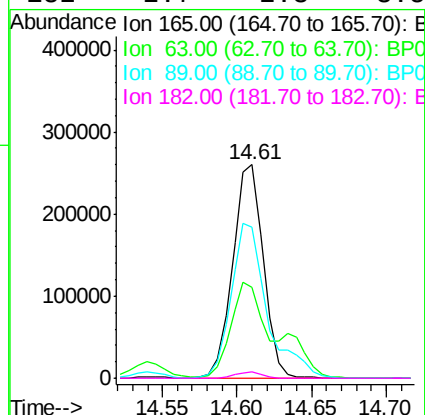
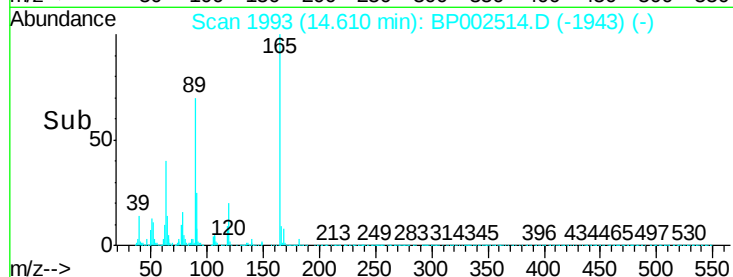
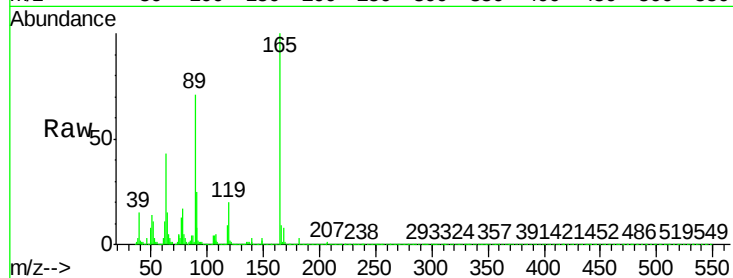




#57
2,4-Dinitrotoluene
Concen: 47.383 ng
RT: 14.61 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

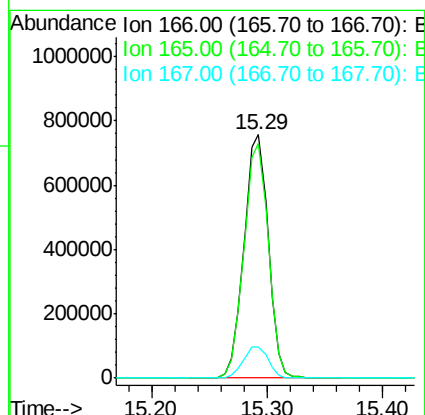
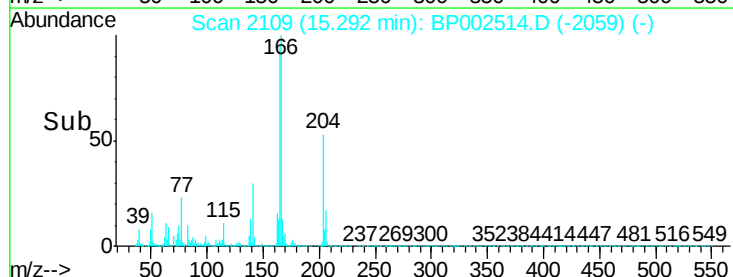
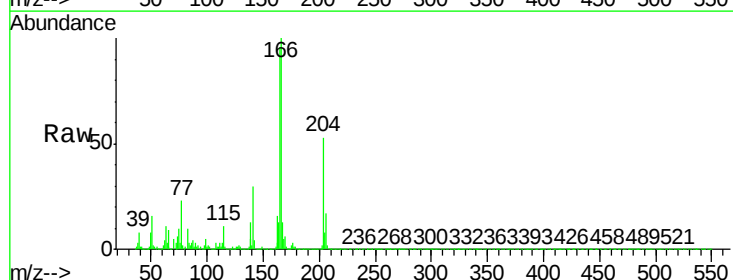
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

Tot Ion:165 Resp: 372777
Ion Ratio Lower Upper
165 100
63 42.7 34.2 51.2
89 70.6 59.3 88.9
182 2.7 2.3 3.5



#58
Fluorene
Concen: 44.843 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion:166 Resp: 1105605
Ion Ratio Lower Upper
166 100
165 96.3 79.1 118.7
167 13.0 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.879 ng

RT: 14.87 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMS

Tot Ion:232 Resp: 332220

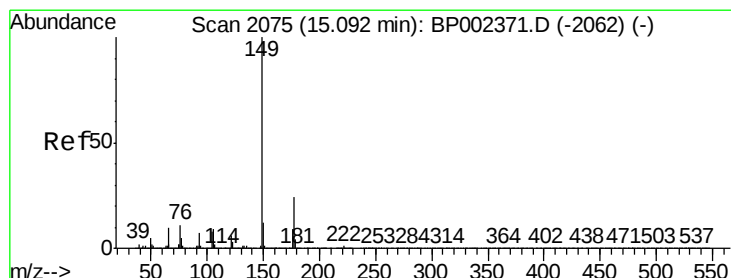
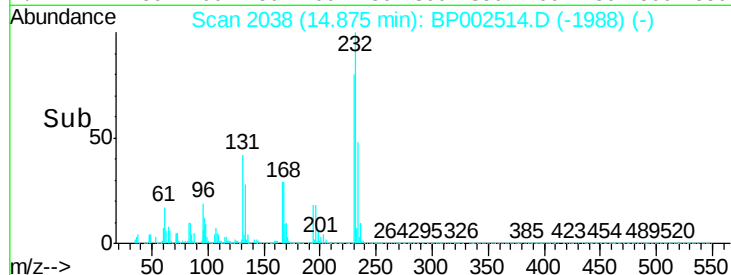
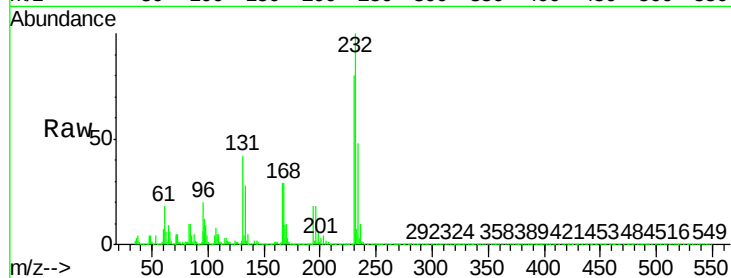
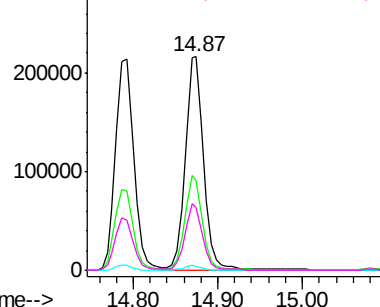
Ion	Ratio	Lower	Upper
232	100		
131	42.8	35.1	52.7
130	2.2	1.8	2.8
166	30.3	24.4	36.6

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 45.363 ng

RT: 15.08 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

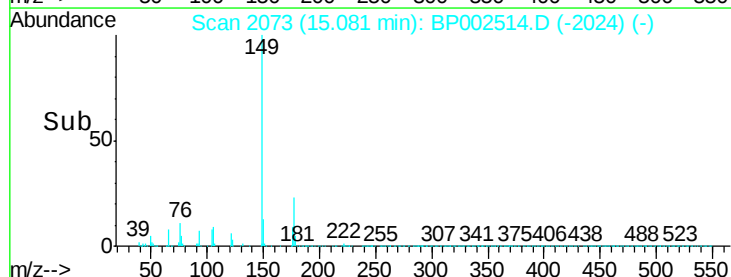
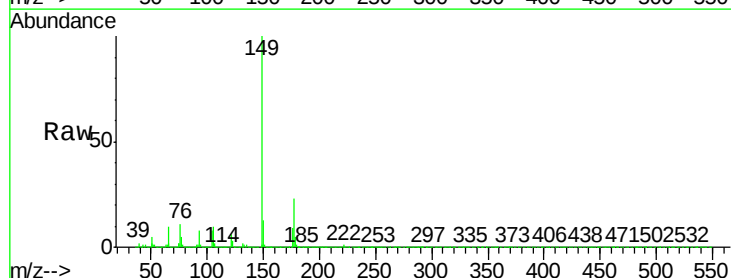
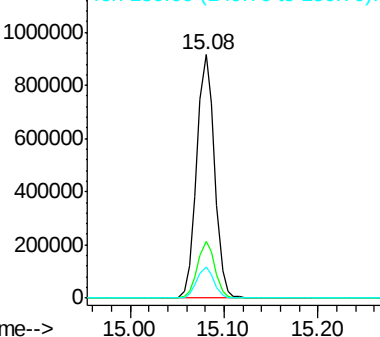
Tgt Ion:149 Resp: 1209680

Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.9	28.3
150	12.7	9.9	14.9

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

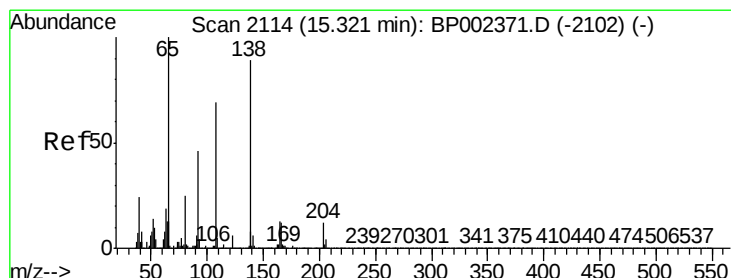
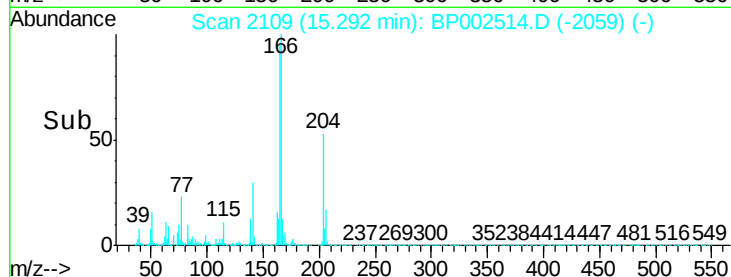
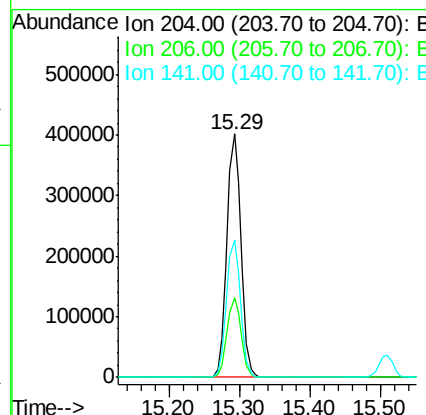
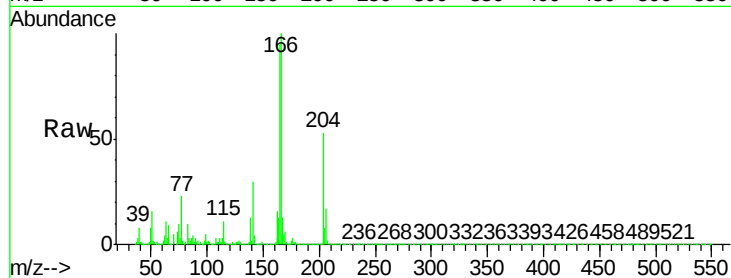




#61
4-Chlorophenyl-phenylether
Concen: 46.899 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

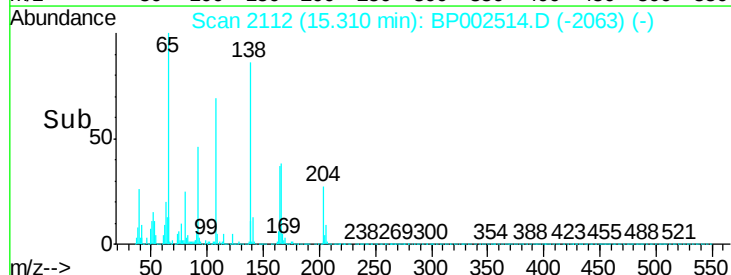
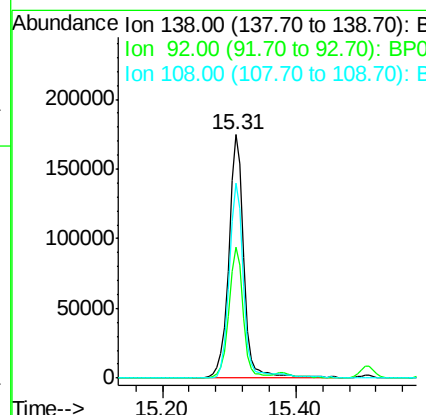
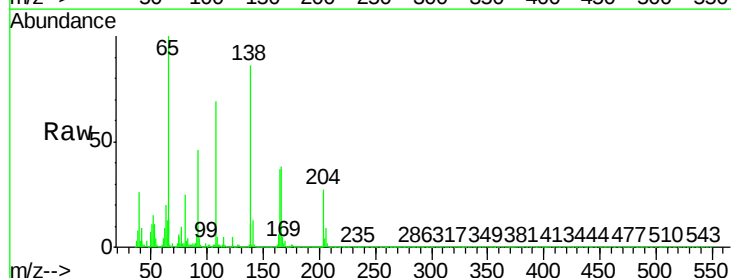
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

Tot Ion:204 Resp: 556362
Ion Ratio Lower Upper
204 100
206 32.8 26.8 40.2
141 56.5 46.6 69.8



#62
4-Nitroaniline
Concen: 43.905 ng
RT: 15.31 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion:138 Resp: 278414
Ion Ratio Lower Upper
138 100
92 53.6 31.7 71.7
108 80.0 57.5 97.5



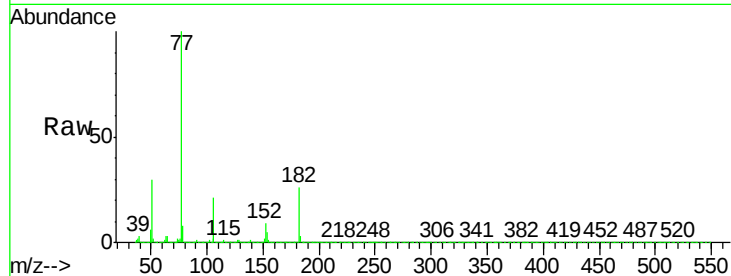


#63
Azobenzene
Concen: 46.839 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

Tot Ion: 77 Resp: 1243301

Ion	Ratio	Lower	Upper
77	100		
182	25.6	6.0	46.0
105	21.1	1.3	41.3
51	30.0	8.7	48.7

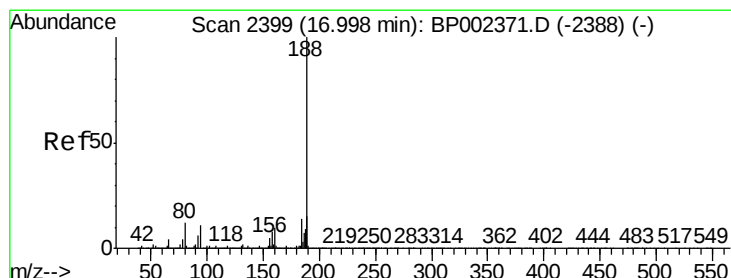
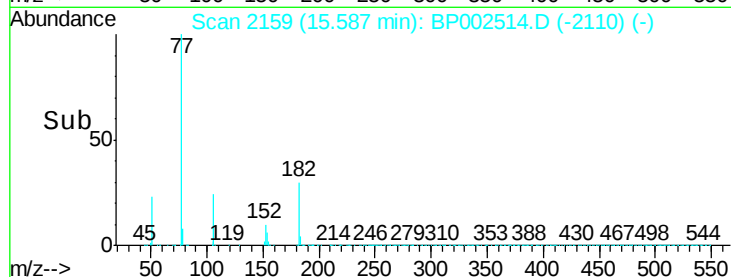
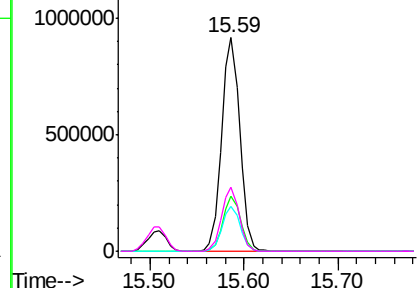


Abundance Ion 77.00 (76.70 to 77.70): BP002514.D (-2154) (-)

Ion 182.00 (181.70 to 182.70): BP002514.D (-2154) (-)

Ion 105.00 (104.70 to 105.70): BP002514.D (-2154) (-)

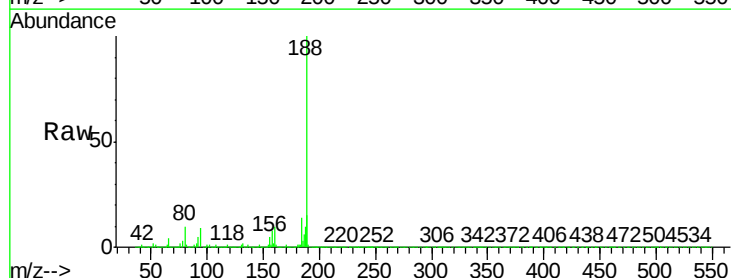
Ion 51.00 (50.70 to 51.70): BP002514.D (-2154) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion: 188 Resp: 830495

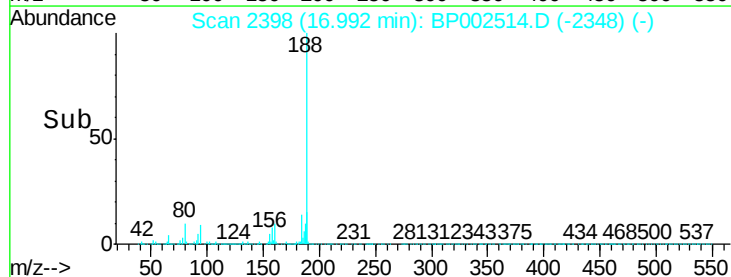
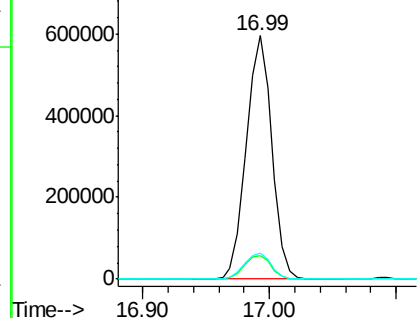
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.4	9.4	14.0

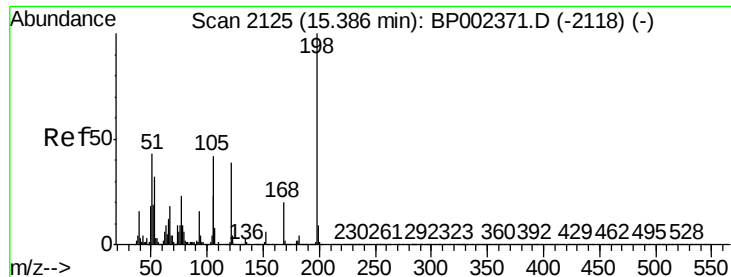


Abundance Ion 188.00 (187.70 to 188.70): BP002514.D (-2388) (-)

Ion 94.00 (93.70 to 94.70): BP002514.D (-2388) (-)

Ion 80.00 (79.70 to 80.70): BP002514.D (-2388) (-)

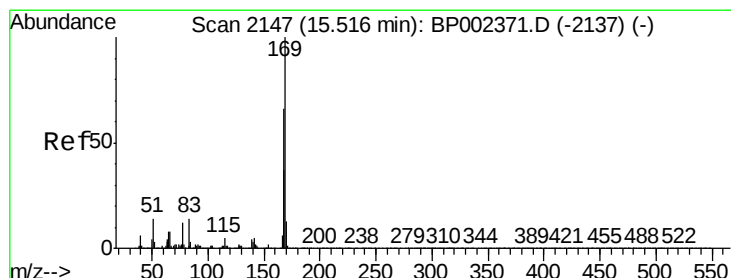
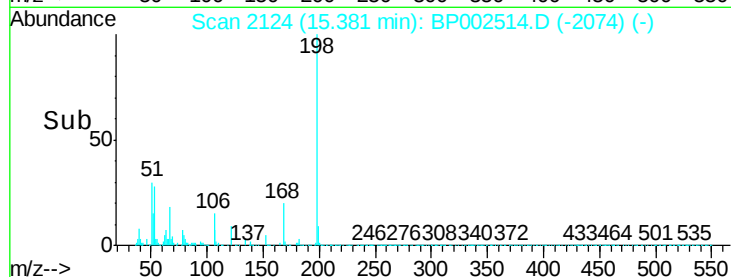
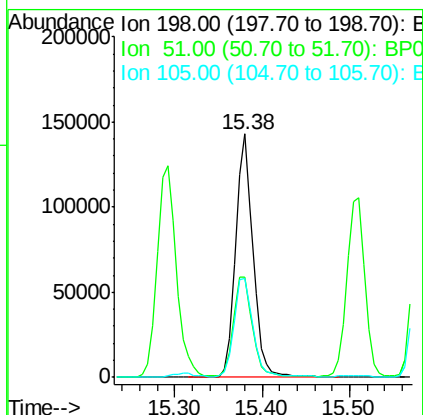
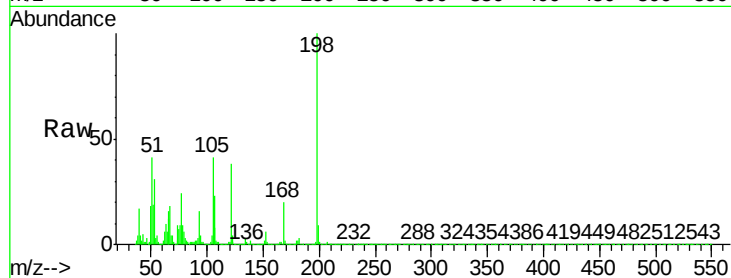




#65
4,6-Dinitro-2-methylphenol
Concen: 43.909 ng
RT: 15.38 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

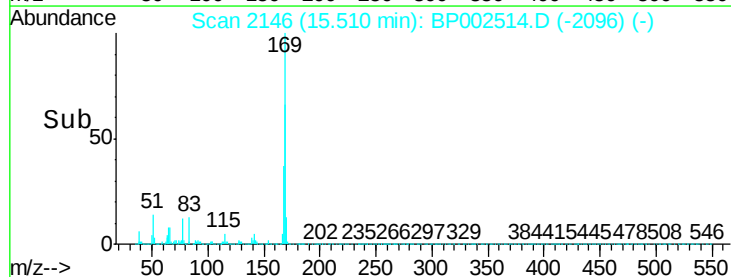
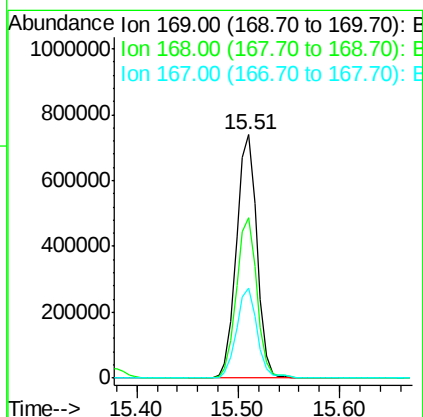
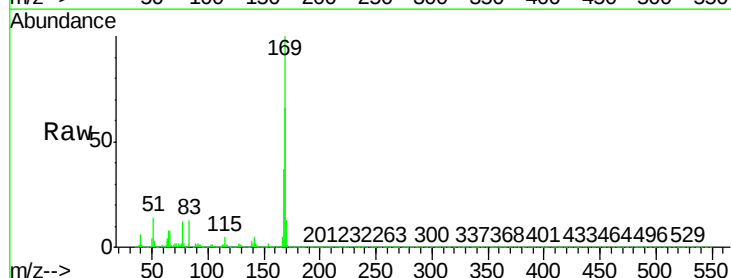
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

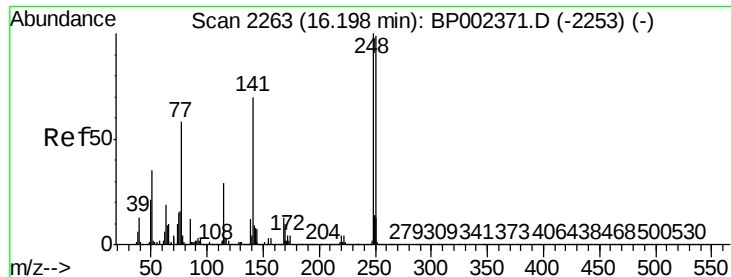
Tot Ion	Ratio	Lower	Upper
198	100		
51	41.1	23.4	63.4
105	40.6	22.5	62.5



#66
n-Nitrosodiphenylamine
Concen: 48.758 ng
RT: 15.51 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.8	79.2
167	36.8	29.4	44.0

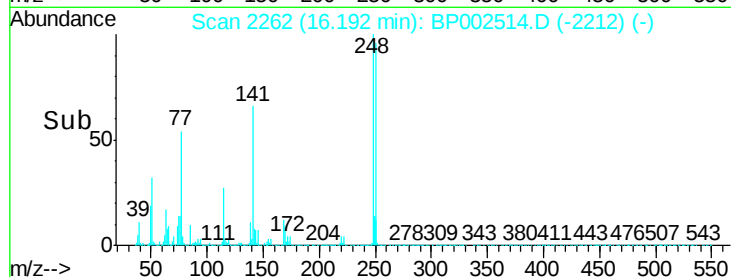
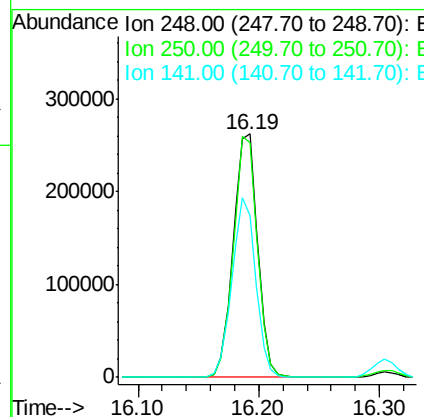
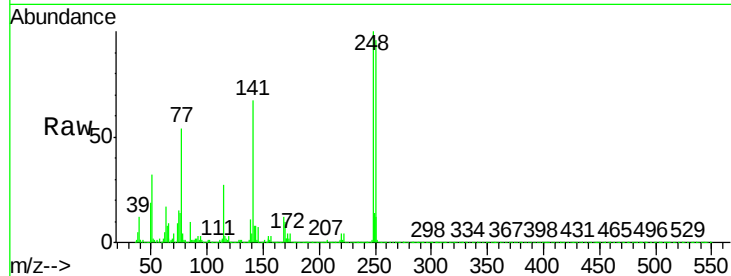




#67
4-Bromophenyl-phenylether
Concen: 46.663 ng
RT: 16.19 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

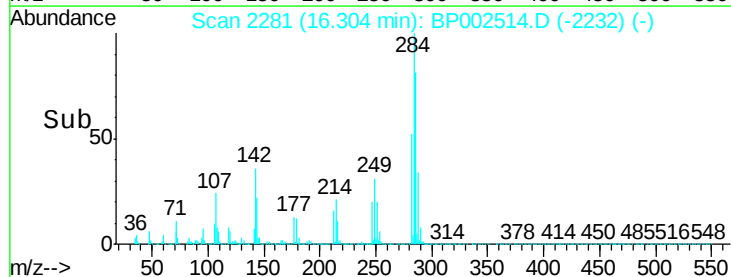
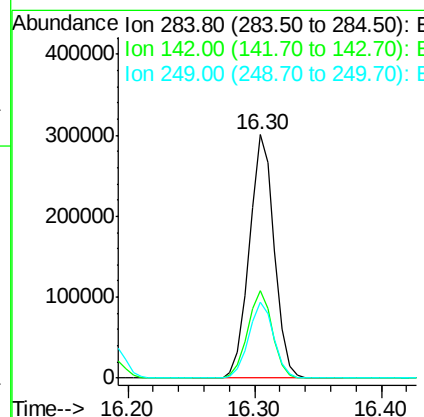
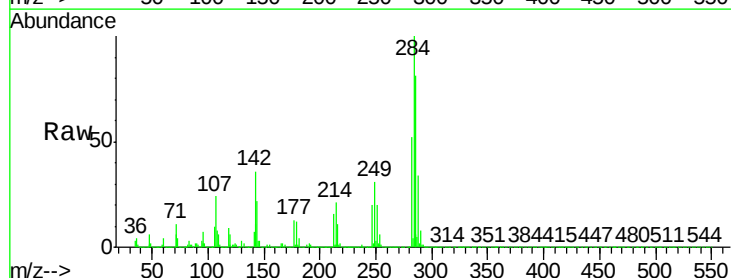
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

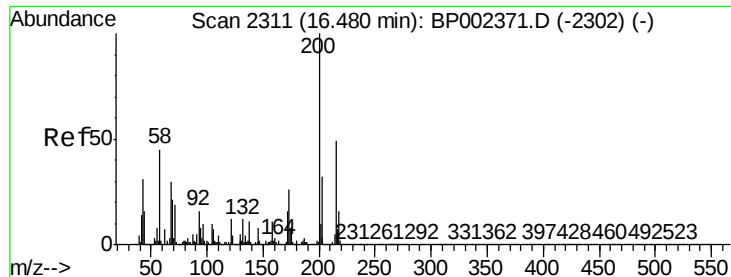
Tot Ion:248 Resp: 367112
Ion Ratio Lower Upper
248 100
250 96.4 79.3 118.9
141 66.6 55.7 83.5



#68
Hexachlorobenzene
Concen: 48.960 ng
RT: 16.30 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion:284 Resp: 408733
Ion Ratio Lower Upper
284 100
142 35.8 27.4 41.0
249 31.3 24.9 37.3





#69

Atrazine

Concen: 49.545 ng

RT: 16.47 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMS

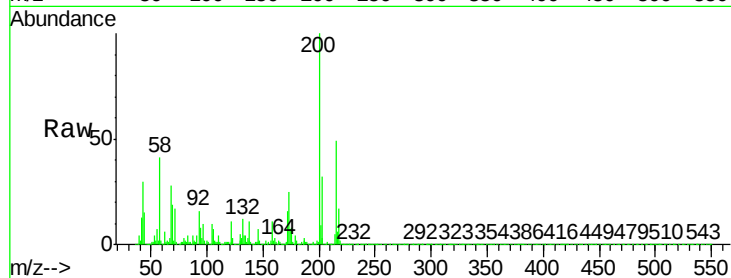
Tot Ion:200 Resp: 342895

Ion Ratio Lower Upper

200 100

173 25.4 6.4 46.4

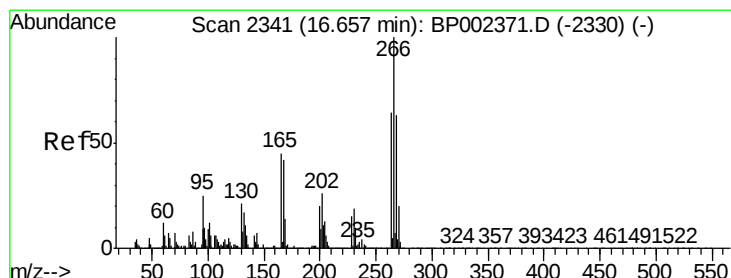
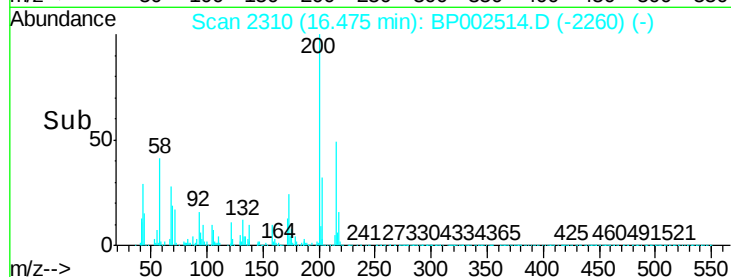
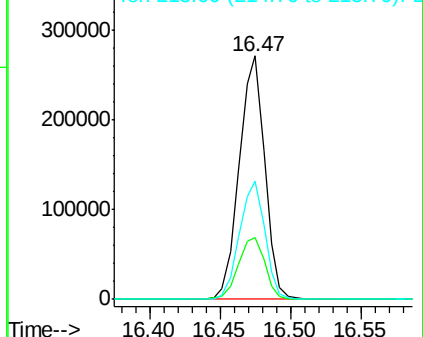
215 48.6 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 99.136 ng

RT: 16.65 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

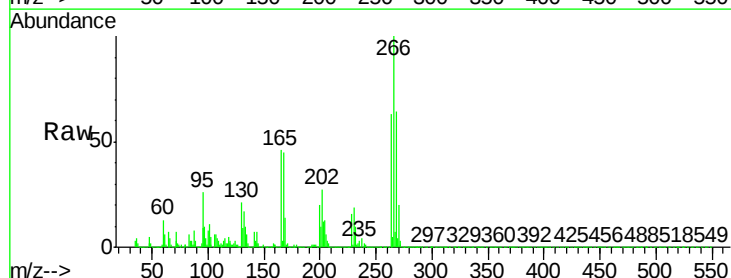
Tgt Ion:266 Resp: 495152

Ion Ratio Lower Upper

266 100

268 63.7 50.5 75.7

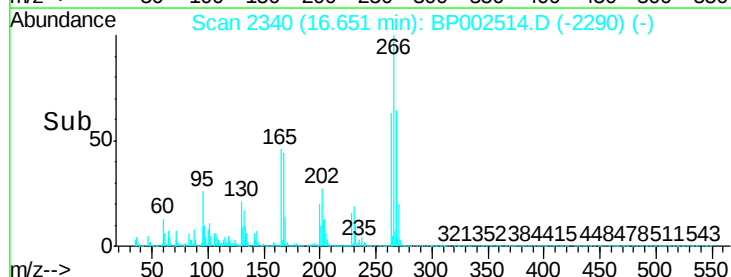
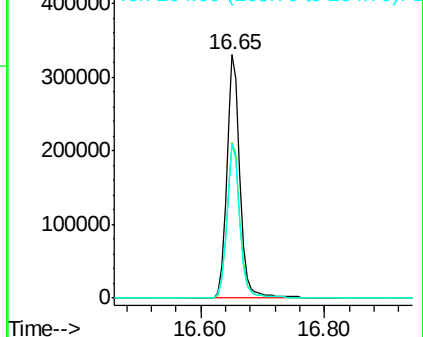
264 63.2 51.4 77.0

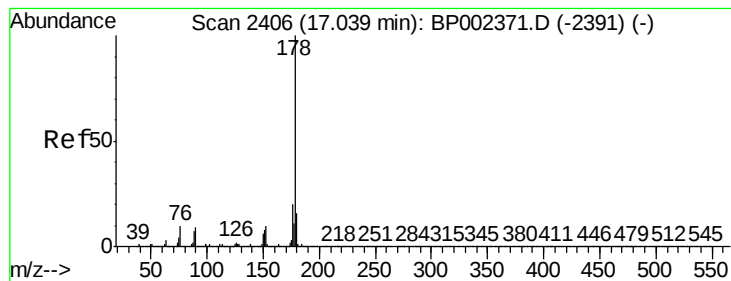


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.567 ng

RT: 17.03 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMS

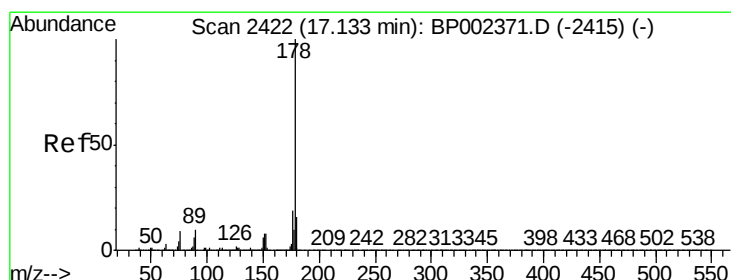
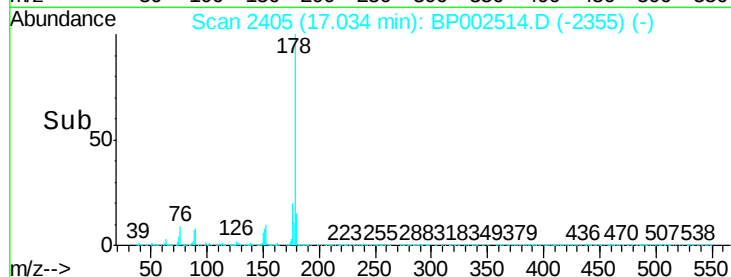
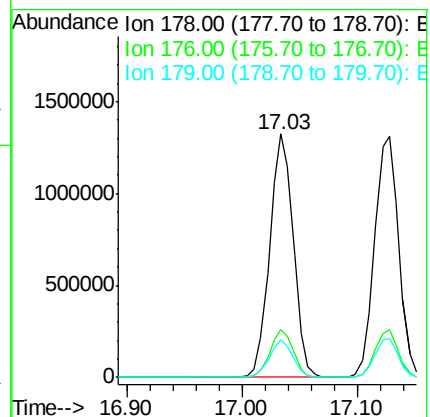
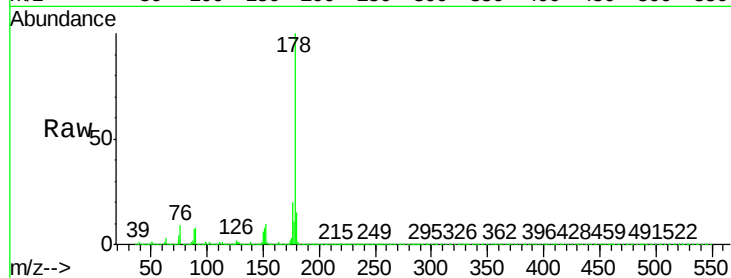
Tot Ion:178 Resp: 1886785

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

179 15.4 12.5 18.7



#72

Anthracene

Concen: 49.776 ng

RT: 17.13 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

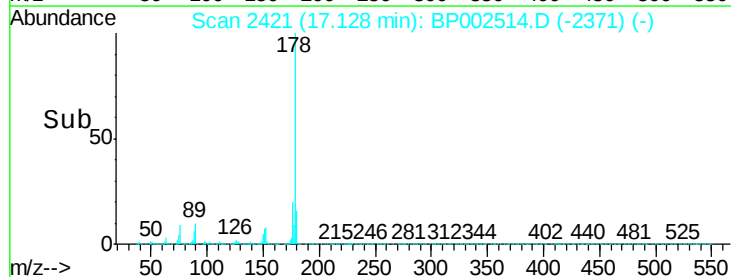
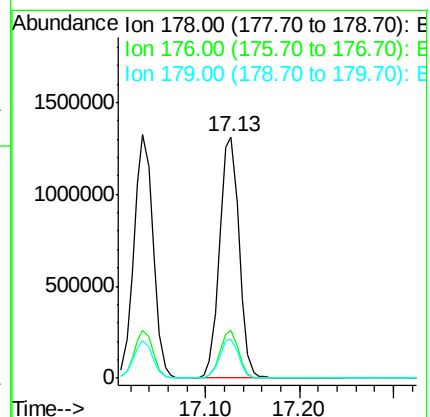
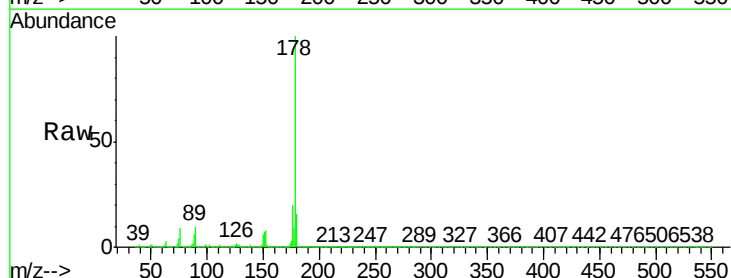
Tgt Ion:178 Resp: 1920969

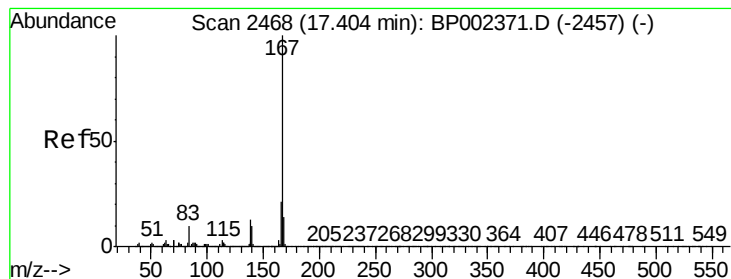
Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.9 13.0 19.4





#73

Carbazole

Concen: 47.691 ng

RT: 17.40 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMS

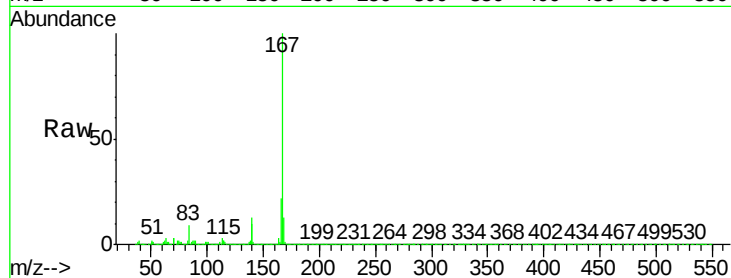
Tot Ion:167 Resp: 1810581

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

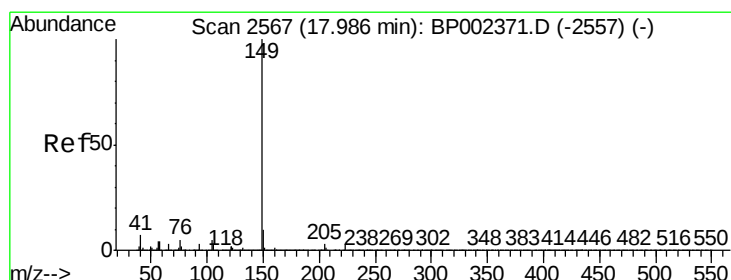
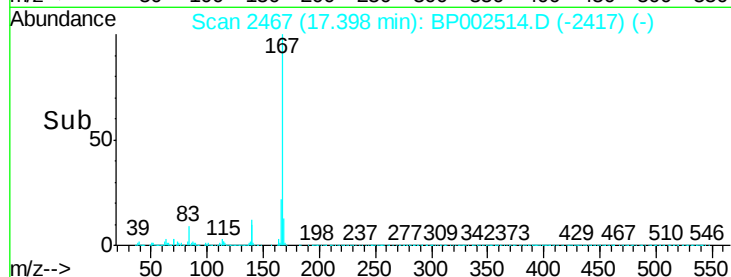
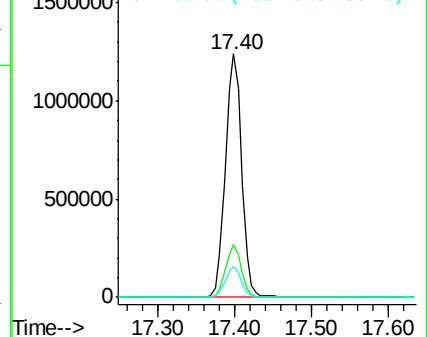
139 12.6 10.3 15.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.573 ng

RT: 17.98 min Scan# 2566

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

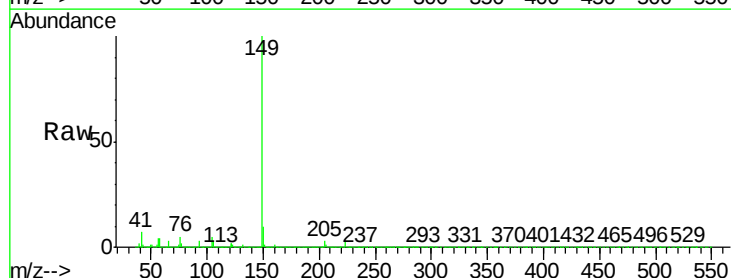
Tgt Ion:149 Resp: 2182293

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

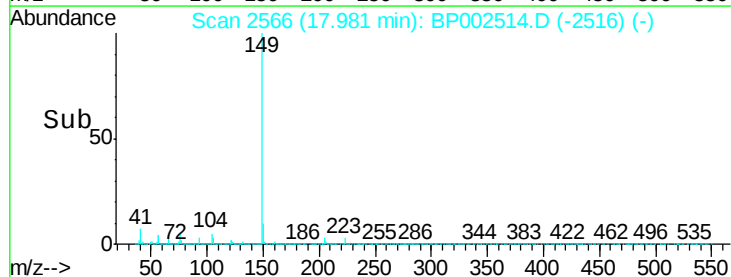
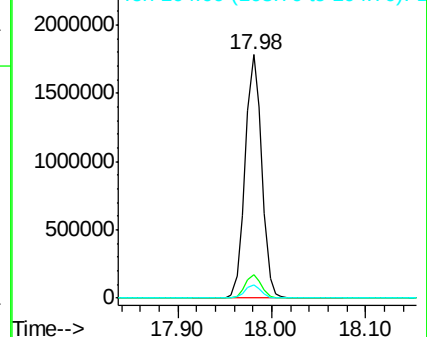
104 5.2 4.3 6.5

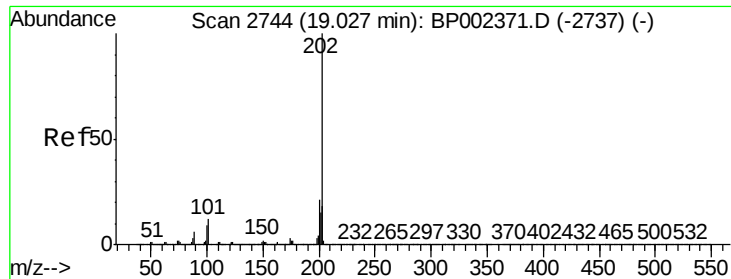


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.569 ng

RT: 19.02 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Instrument :

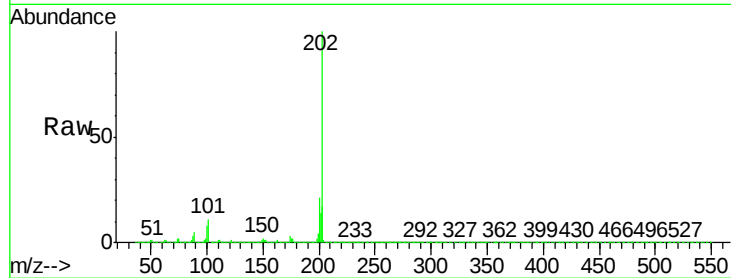
BNA_P

ClientSampleId :

SLUDGE-BOXMS

Tot Ion:202 Resp: 2345005

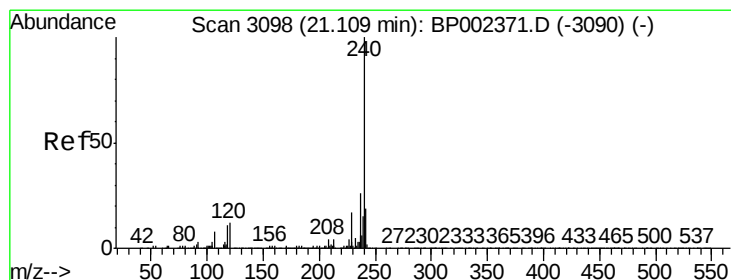
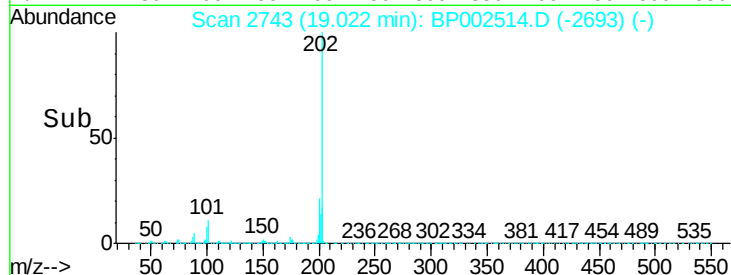
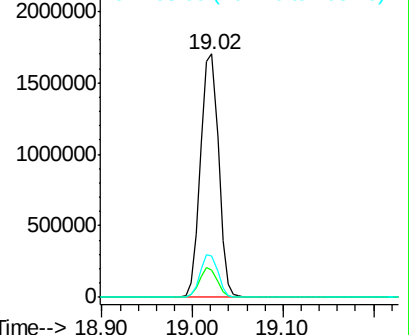
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.8
203	17.1	0.0	38.0



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: 21.10 min Scan# 3096

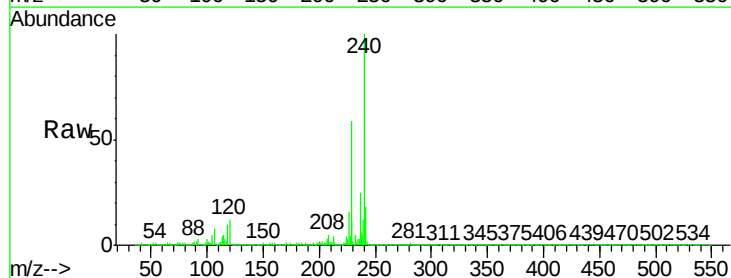
Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Tgt Ion:240 Resp: 839301

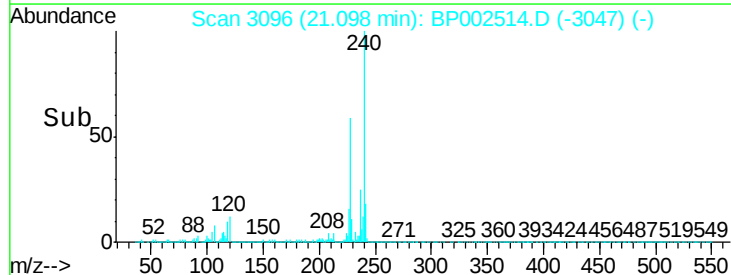
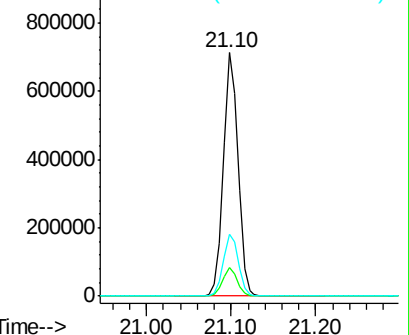
Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.3	13.9
236	25.5	21.0	31.6

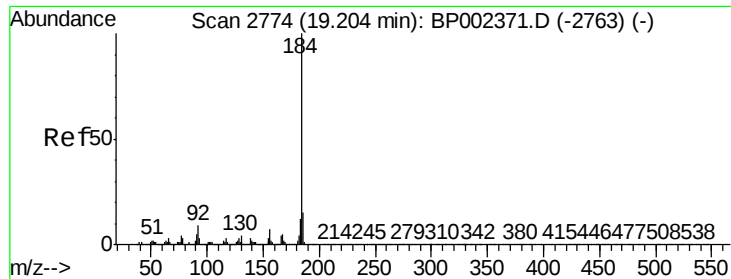


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

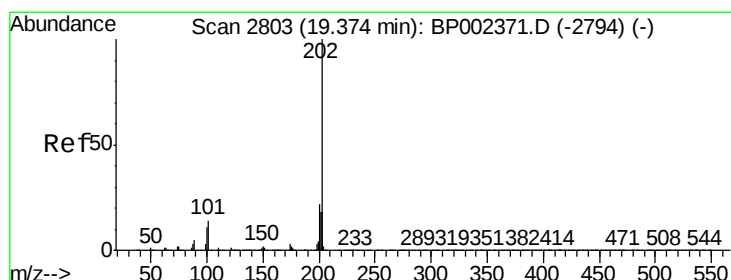
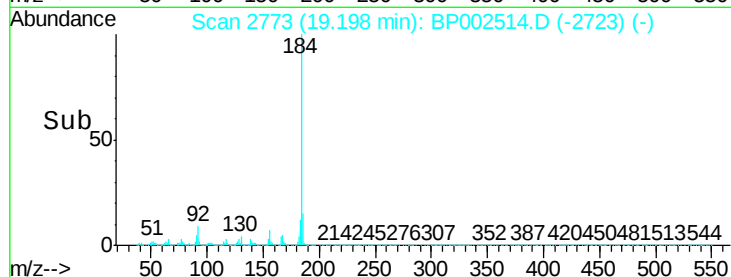
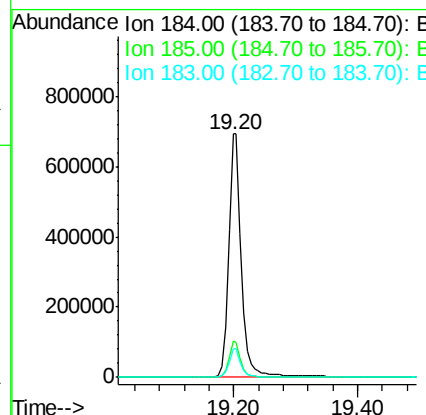
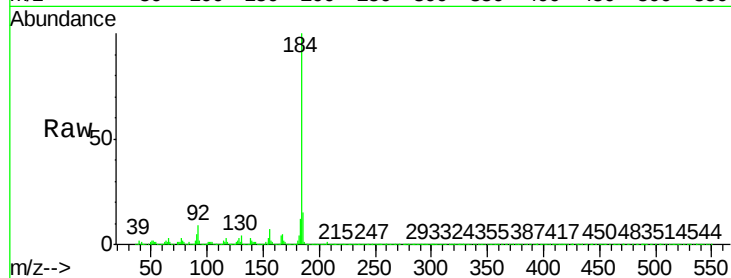




#77
Benzidine
Concen: 53.628 ng
RT: 19.20 min Scan# 2773
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

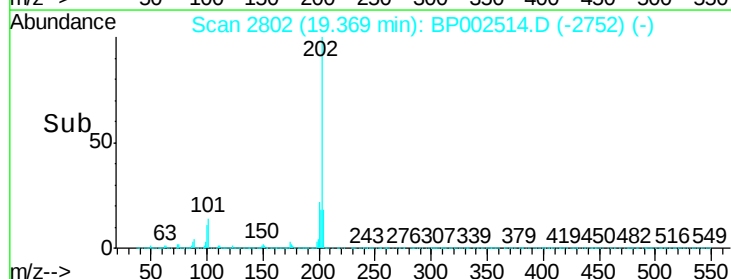
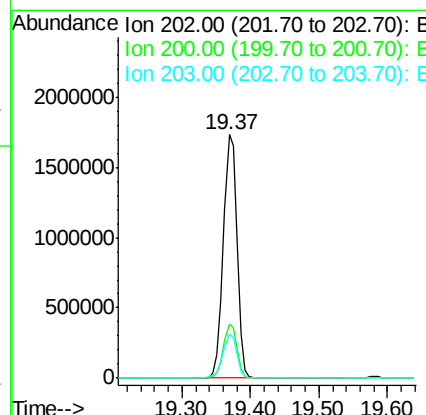
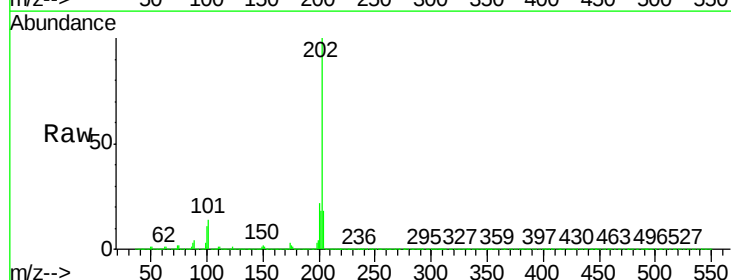
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

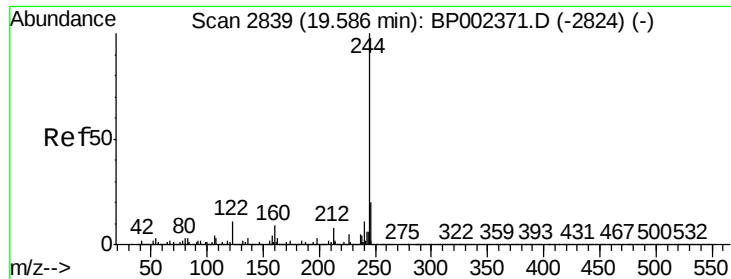
Tot Ion:184 Resp: 1005758
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.8
183 11.6 9.2 13.8



#78
Pyrene
Concen: 46.008 ng
RT: 19.37 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion:202 Resp: 2365240
Ion Ratio Lower Upper
202 100
200 22.0 17.7 26.5
203 18.0 14.6 22.0





#79

Terphenyl-d14

Concen: 98.809 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMS

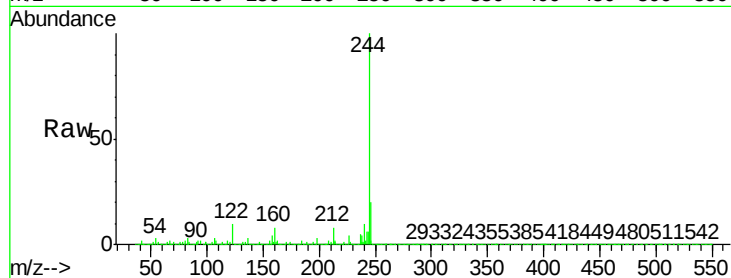
Tot Ion:244 Resp: 3079153

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

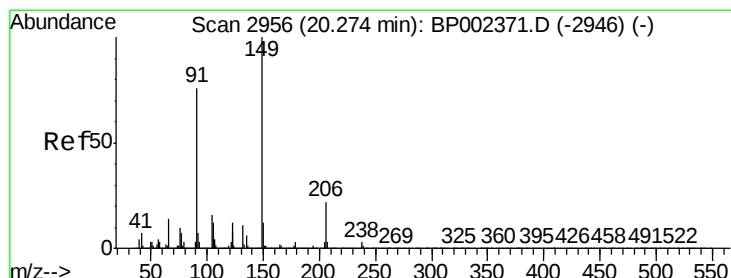
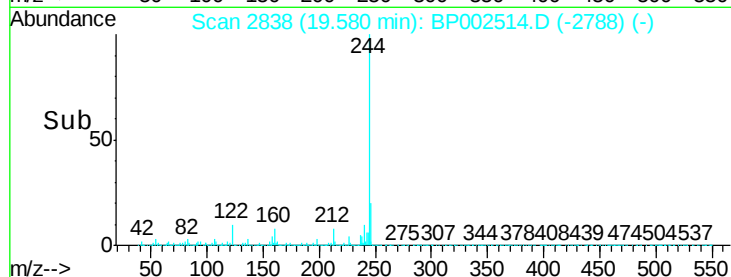
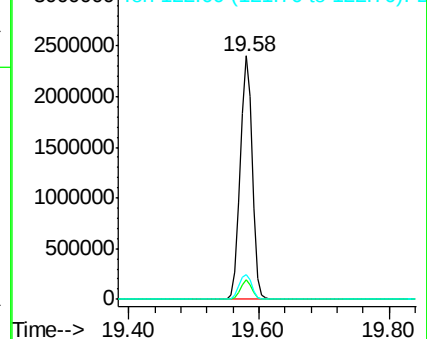
122 10.1 8.8 13.2



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: 44.959 ng

RT: 20.27 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

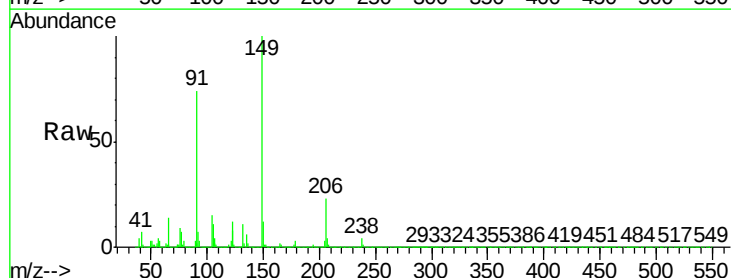
Tgt Ion:149 Resp: 1027458

Ion Ratio Lower Upper

149 100

91 74.3 61.2 91.8

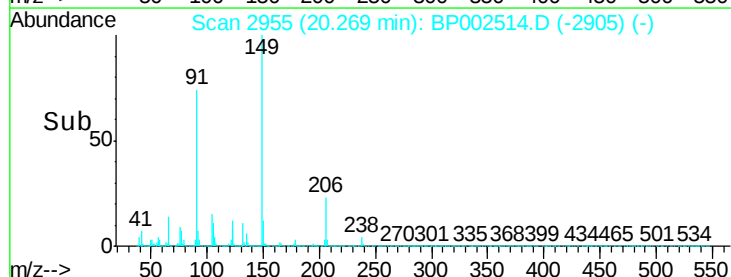
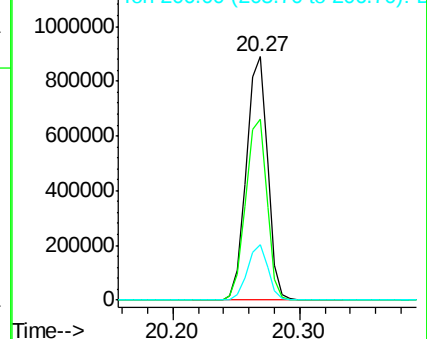
206 22.8 17.8 26.6

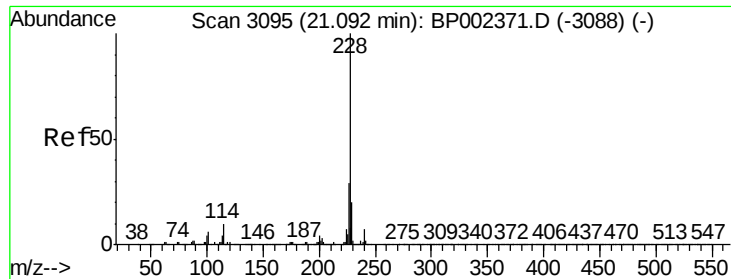


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

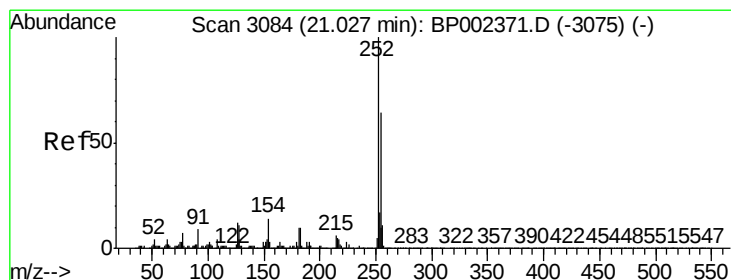
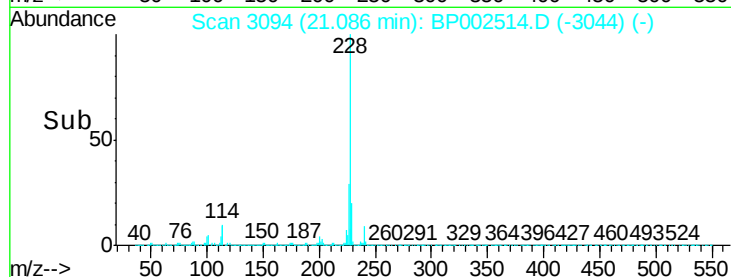
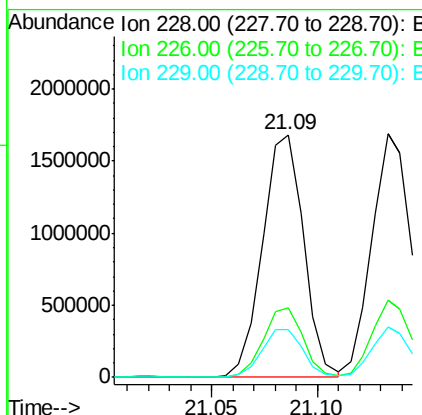
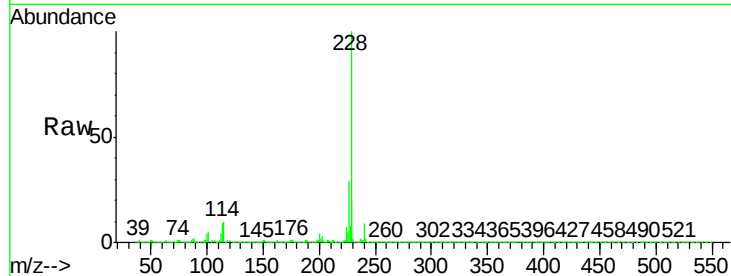




#81
Benzo(a)anthracene
Concen: 47.532 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

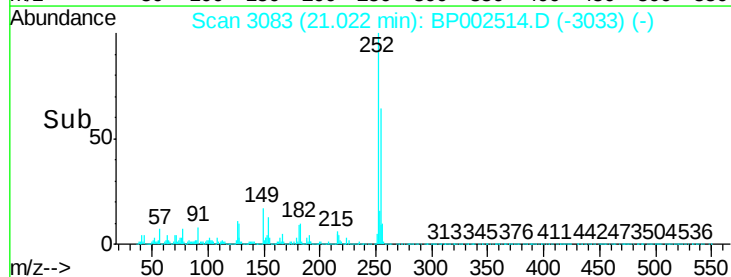
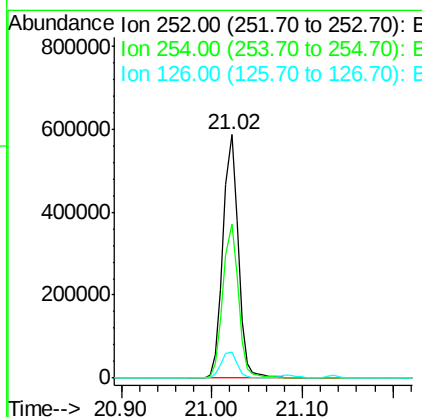
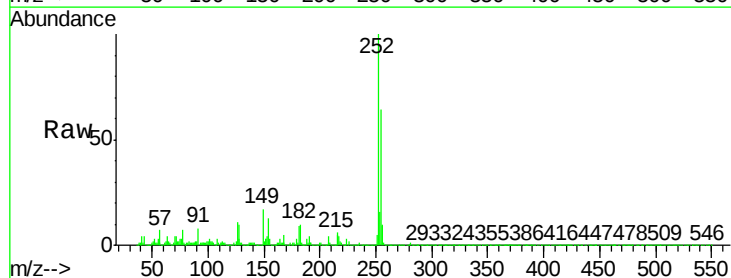
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

Tot Ion:228 Resp: 2277120
Ion Ratio Lower Upper
228 100
226 28.6 22.8 34.2
229 19.9 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 38.537 ng
RT: 21.02 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion:252 Resp: 686116
Ion Ratio Lower Upper
252 100
254 63.5 51.4 77.2
126 10.7 9.2 13.8





#83

Chrysene

Concen: 47.945 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Instrument :

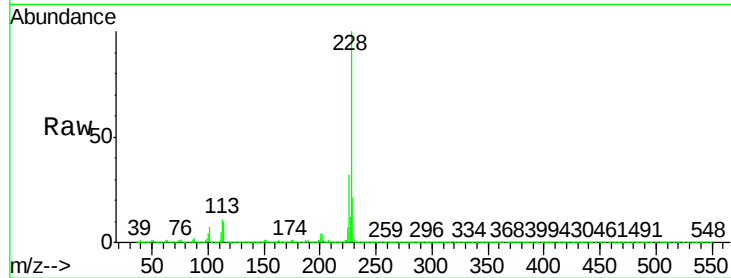
BNA_P

ClientSampleId :

SLUDGE-BOXMS

Tot Ion:228 Resp: 2176162

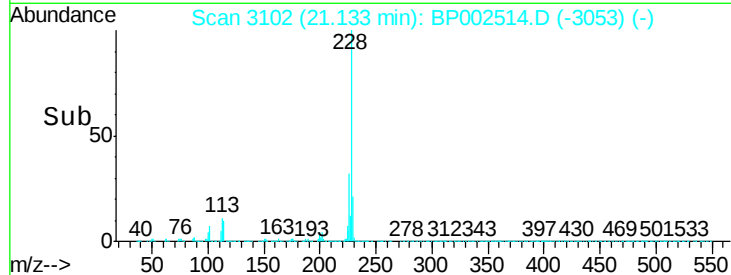
Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.2	37.8
229	20.7	16.1	24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

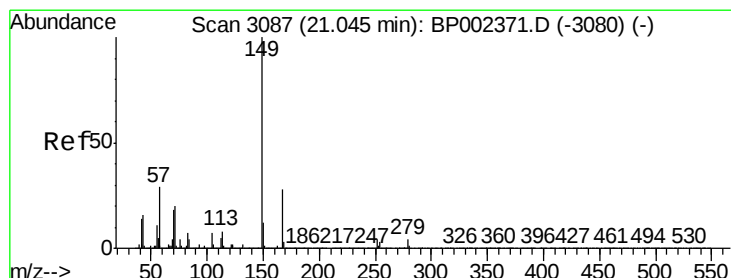
Ion 229.00 (228.70 to 229.70): E



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.215 ng

RT: 21.04 min Scan# 3086

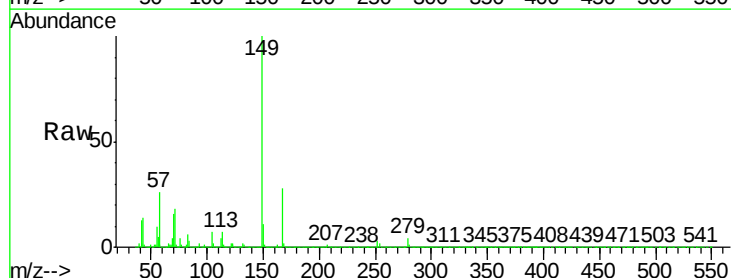
Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Tgt Ion:149 Resp: 1503078

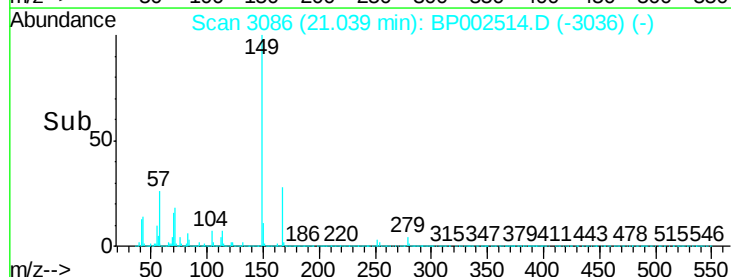
Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.3	33.5
279	4.4	3.2	4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

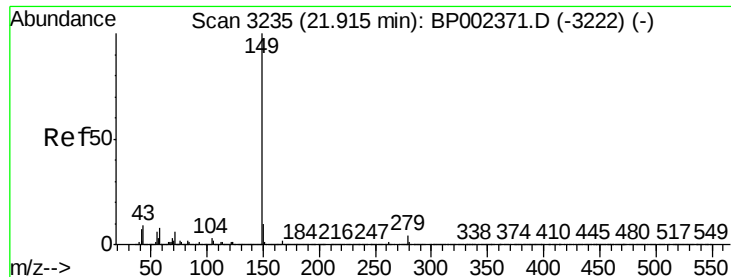
Ion 279.00 (278.70 to 279.70): E



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 45.702 ng

RT: 21.90 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMS

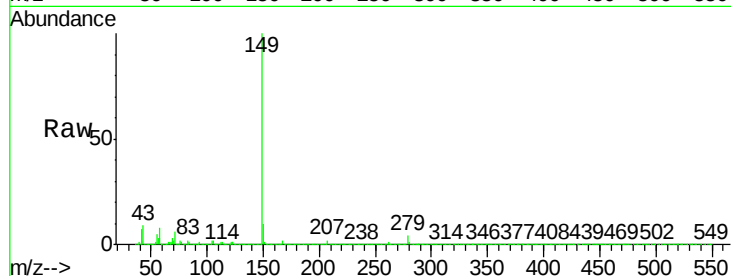
Tot Ion:149 Resp: 2664761

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

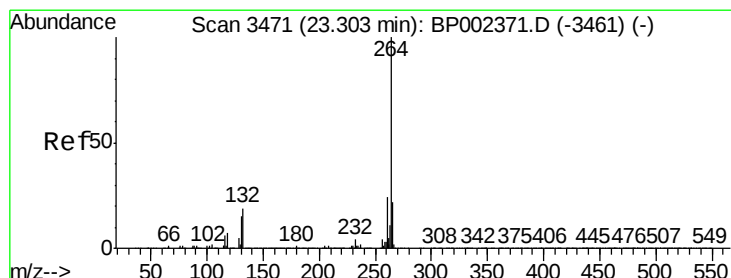
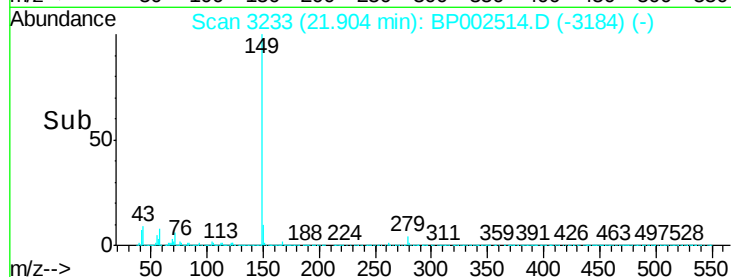
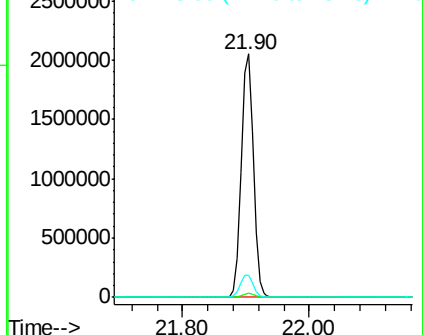
43 9.5 7.8 11.6



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: 23.30 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

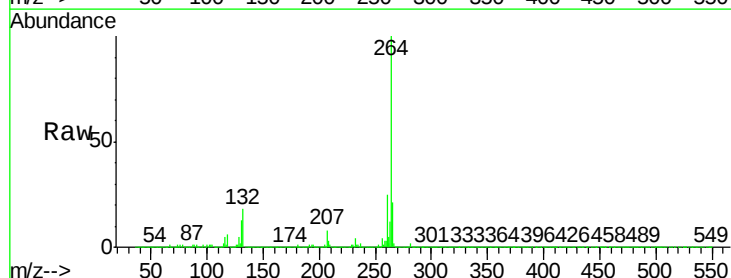
Tgt Ion:264 Resp: 941082

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.0

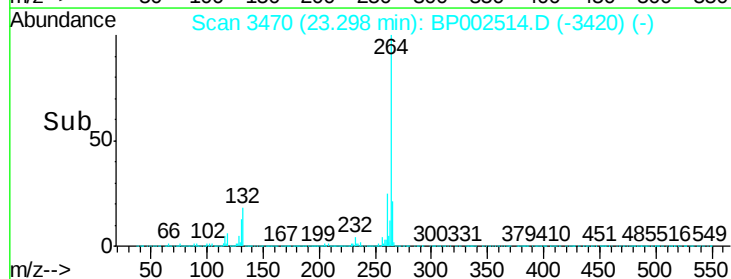
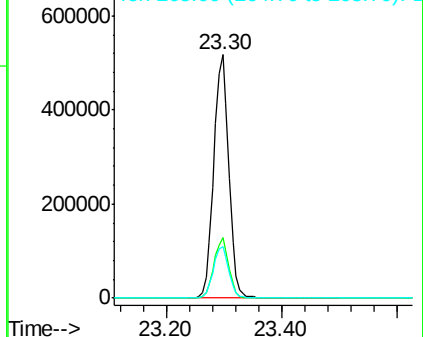
265 21.3 17.4 26.2

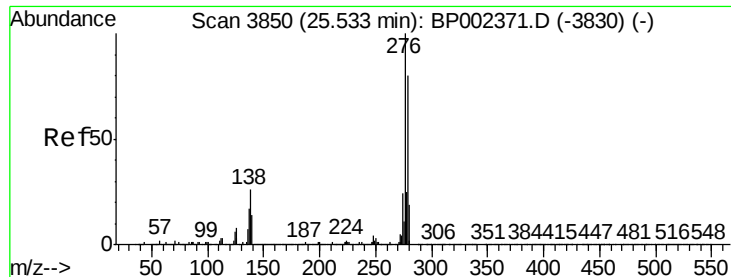


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

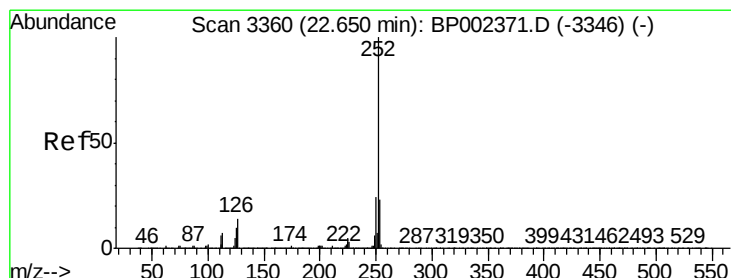
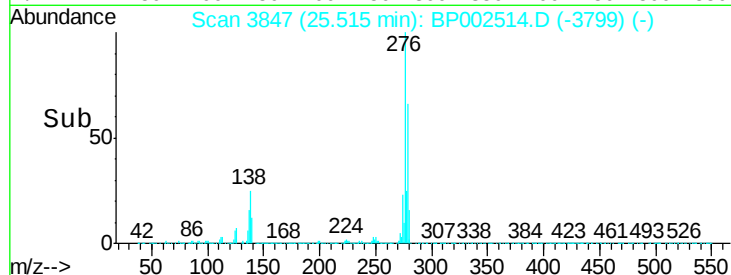
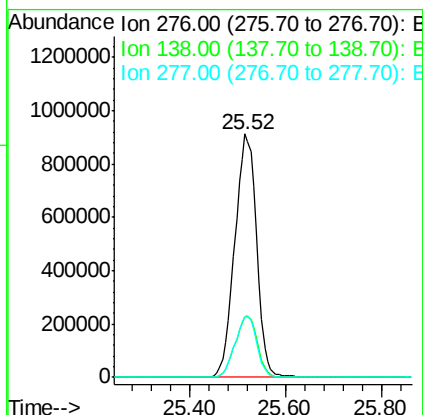
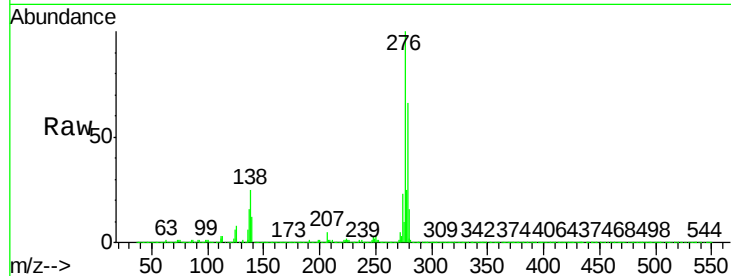




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.226 ng
 RT: 25.52 min Scan# 3847
 Delta R.T. -0.02 min
 Lab File: BP002514.D
 Acq: 23 Jun 2020 22:43

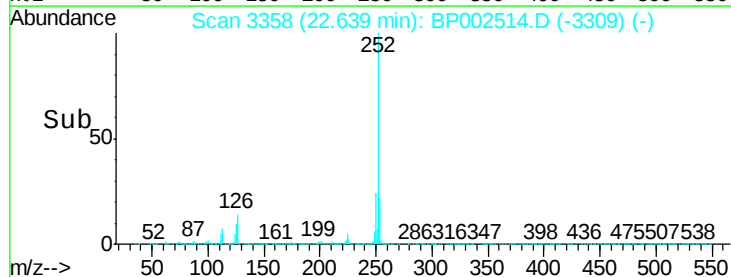
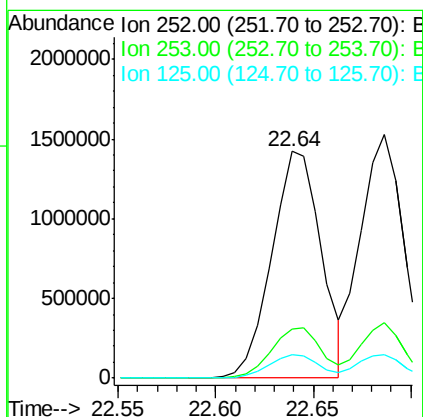
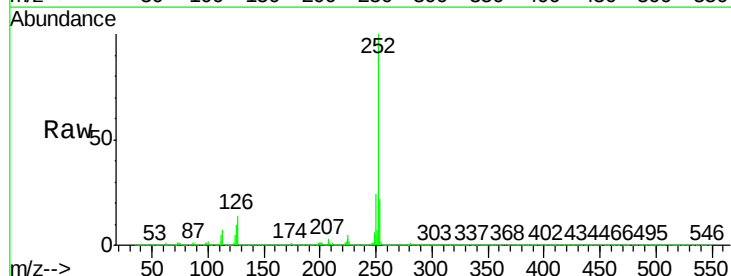
Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOXMS

Tot Ion:276 Resp: 2897534
 Ion Ratio Lower Upper
 276 100
 138 25.7 21.2 31.8
 277 25.1 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 49.309 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BP002514.D
 Acq: 23 Jun 2020 22:43

Tgt Ion:252 Resp: 2502452
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.1 27.1
 125 10.1 8.2 12.2

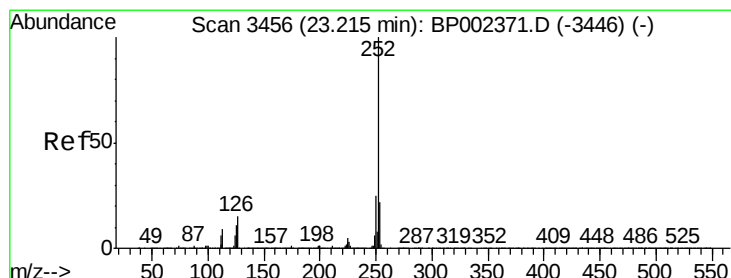
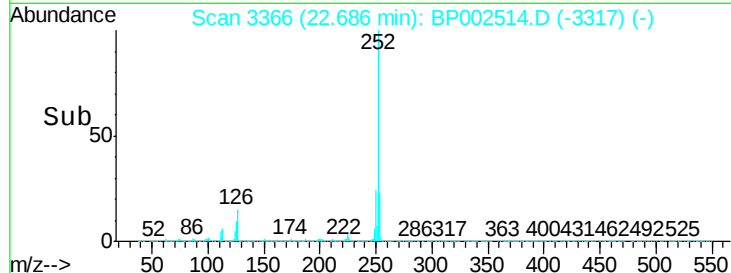
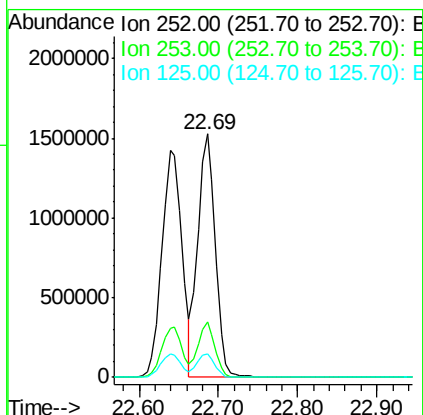
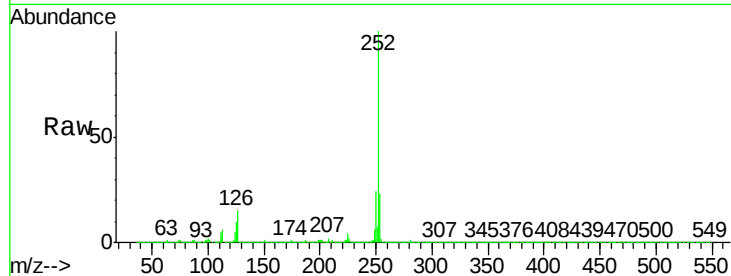




#89
Benzo(k)fluoranthene
Concen: 49.158 ng
RT: 22.69 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

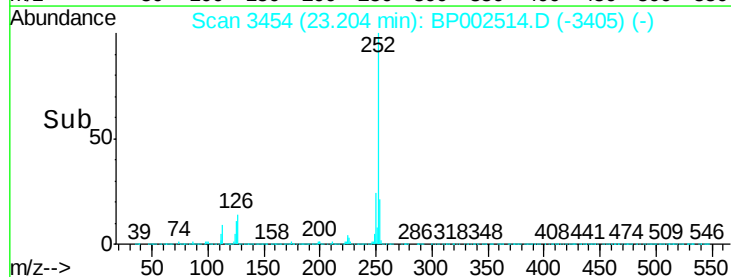
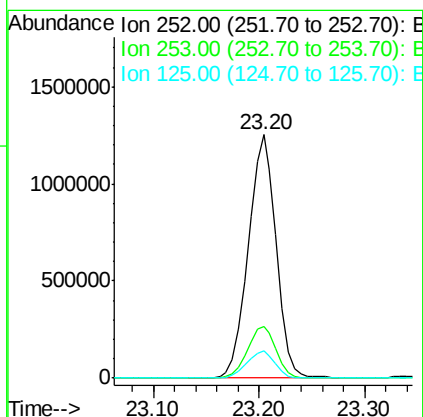
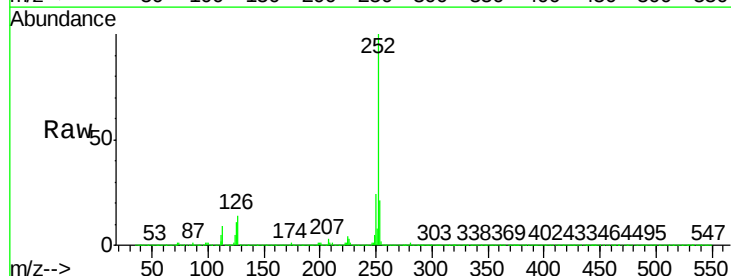
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

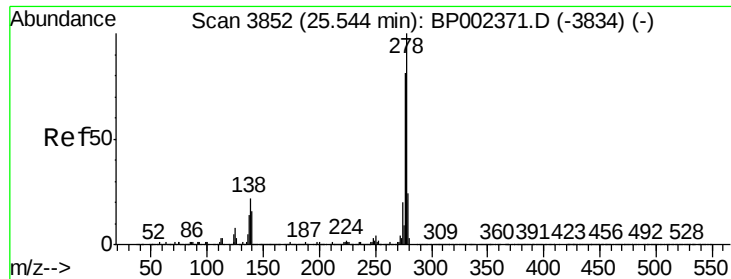
Tot Ion:252 Resp: 2370380
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 9.9 7.8 11.8



#90
Benzo(a)pyrene
Concen: 48.212 ng
RT: 23.20 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

Tgt Ion:252 Resp: 2292907
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 11.1 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 50.371 ng

RT: 25.53 min Scan# 3849

Delta R.T. -0.02 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMS

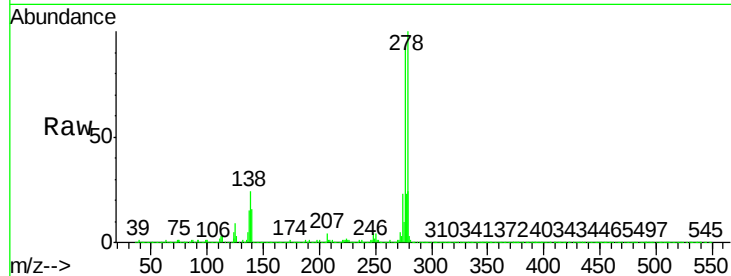
Tot Ion:278 Resp: 2378293

Ion Ratio Lower Upper

278 100

139 16.5 13.1 19.7

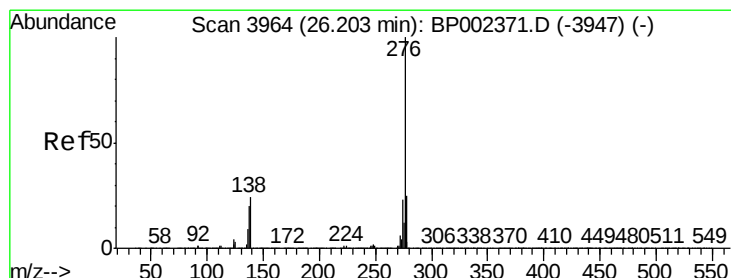
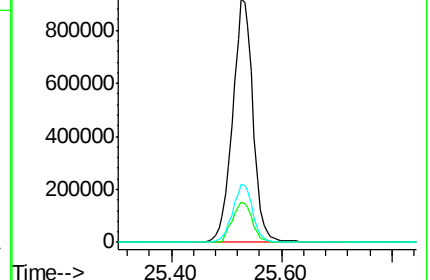
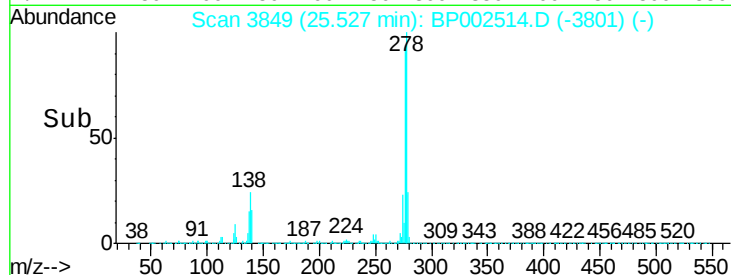
279 23.6 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.096 ng

RT: 26.19 min Scan# 3962

Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

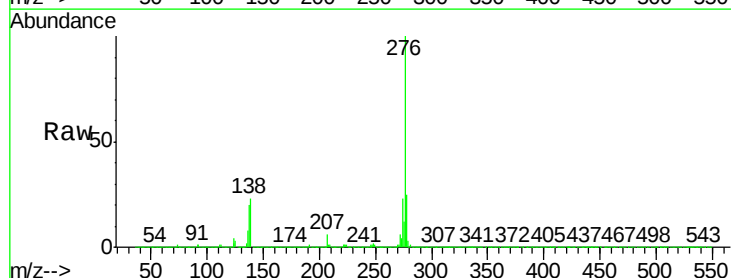
Tgt Ion:276 Resp: 2449797

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.6

138 23.2 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

