

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

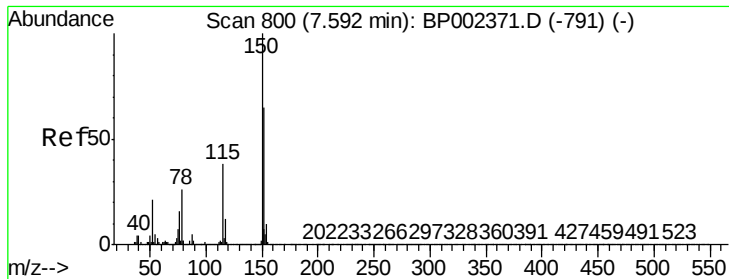
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	491500	90.295	nq	97
43) 2,4,6-Trichlorophenol	12.66	196	349333	48.210	nq	98
44) 2,4,5-Trichlorophenol	12.73	196	380644	45.366	nq	99
46) 1,1'-Biphenyl	13.06	154	1264008	49.655	nq	99
47) 2-Chloronaphthalene	13.10	162	1003057	48.173	nq	99
48) 2-Nitroaniline	13.30	65	319130	48.011	nq	99
49) Acenaphthylene	13.95	152	1568093	47.183	nq	99
50) Dimethylphthalate	13.70	163	1546410	58.106	nq	100
51) 2,6-Dinitrotoluene	13.81	165	276131	47.776	nq	97
52) Acenaphthene	14.30	154	922711	47.394	nq	99
53) 3-Nitroaniline	14.14	138	192838	29.219	nq	99
54) 2,4-Dinitrophenol	14.35	184	246383	72.582	nq	97
55) Dibenzofuran	14.63	168	1479251	47.192	nq	99
56) 4-Nitrophenol	14.47	139	398833	76.113	nq	96
57) 2,4-Dinitrotoluene	14.61	165	372777	47.383	nq	97
58) Fluorene	15.29	166	1105605	44.843	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	332220	49.879	nq	99
60) Diethylphthalate	15.08	149	1209680	45.363	nq	99
61) 4-Chlorophenyl-phenylether	15.29	204	556362	46.899	nq	98
62) 4-Nitroaniline	15.31	138	278414	43.905	nq	97
63) Azobenzene	15.59	77	1243301	46.839	nq	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	192427	43.909	nq	97
66) n-Nitrosodiphenylamine	15.51	169	1034419	48.758	nq	100
67) 4-Bromophenyl-phenylether	16.19	248	367112	46.663	nq	97
68) Hexachlorobenzene	16.30	284	408733	48.960	nq	98
69) Atrazine	16.47	200	342895	49.545	nq	99
70) Pentachlorophenol	16.65	266	495152	99.136	nq	99
71) Phenanthrene	17.03	178	1886785	48.567	nq	100
72) Anthracene	17.13	178	1920969	49.776	nq	99
73) Carbazole	17.40	167	1810581	47.691	nq	100
74) Di-n-butylphthalate	17.98	149	2182293	48.573	nq	100
75) Fluoranthene	19.02	202	2345005	50.569	nq	98
77) Benzidine	19.20	184	1005758	53.628	nq	100
78) Pyrene	19.37	202	2365240	46.008	nq	100
80) Butylbenzylphthalate	20.27	149	1027458	44.959	nq	98
81) Benzo(a)anthracene	21.09	228	2277120	47.532	nq	100
82) 3,3'-Dichlorobenzidine	21.02	252	686116	38.537	nq	99
83) Chrysene	21.13	228	2176162	47.945	nq	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1503078	45.215	nq	100
85) Di-n-octyl phthalate	21.90	149	2664761	45.702	nq	100
87) Indeno(1,2,3-cd)pyrene	25.52	276	2897534	49.226	nq	99
88) Benzo(b)fluoranthene	22.64	252	2502452	49.309	nq	99
89) Benzo(k)fluoranthene	22.69	252	2370380	49.158	nq	99
90) Benzo(a)pyrene	23.20	252	2292907	48.212	nq	98
91) Dibenzo(a,h)anthracene	25.53	278	2378293	50.371	nq	100
92) Benzo(g,h,i)perylene	26.19	276	2449797	50.096	nq	99

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

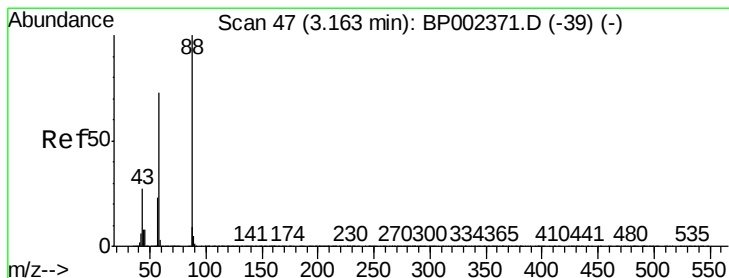
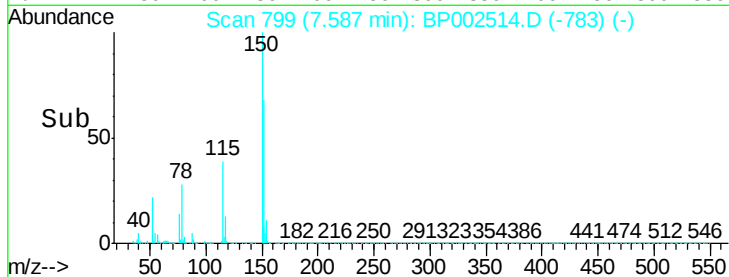
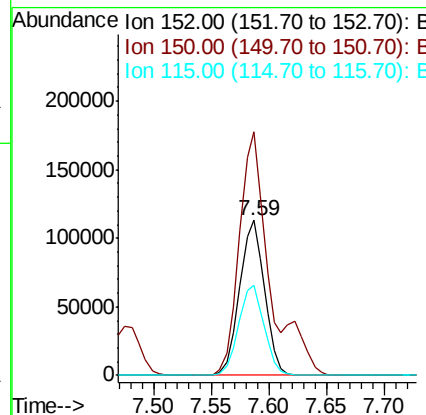
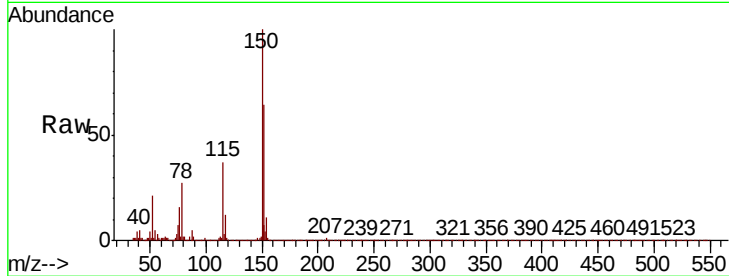


#1

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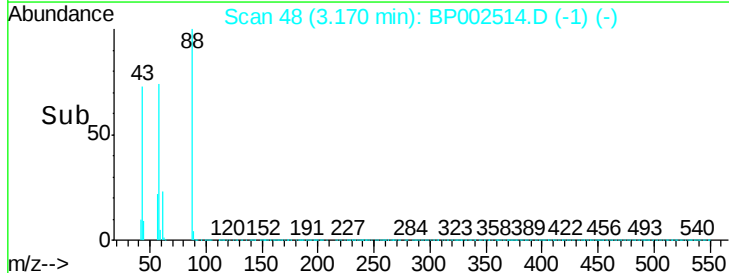
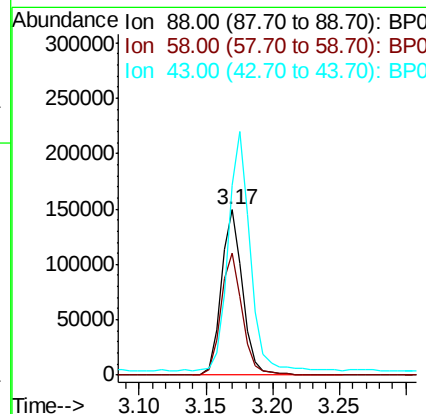
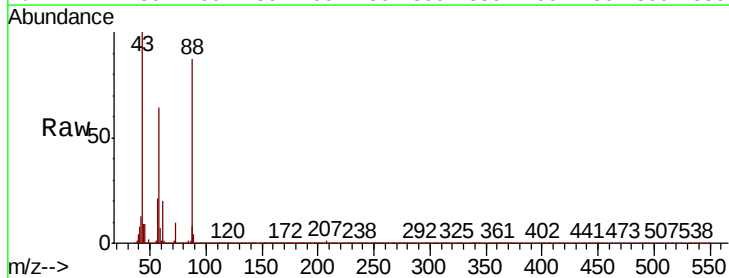
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.0	186.0
115	58.0	47.4	71.0

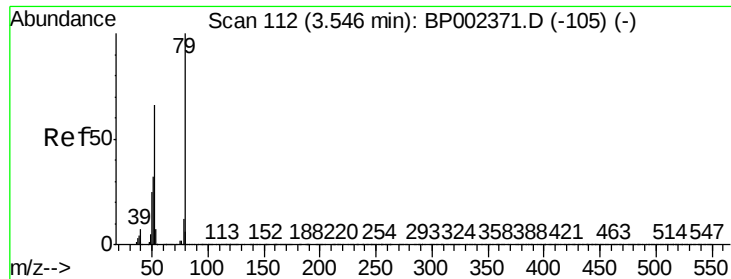


#2

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#

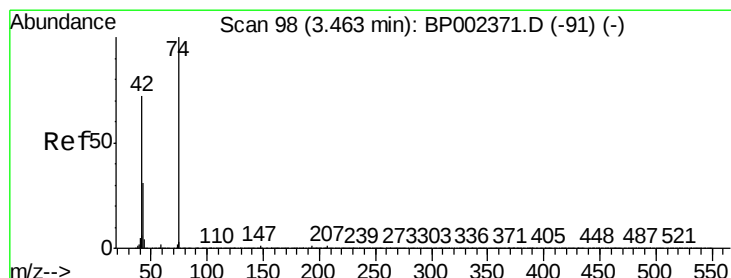
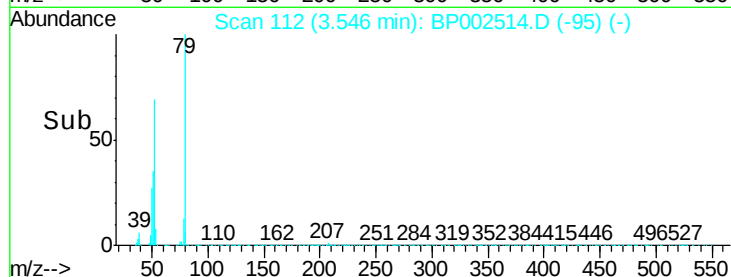
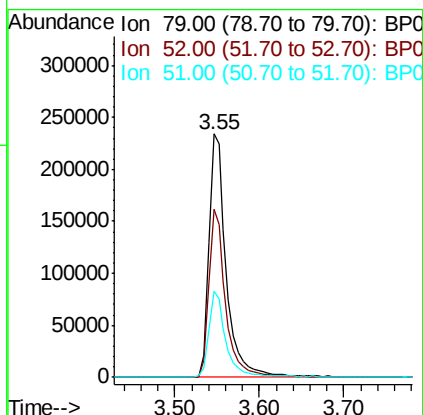
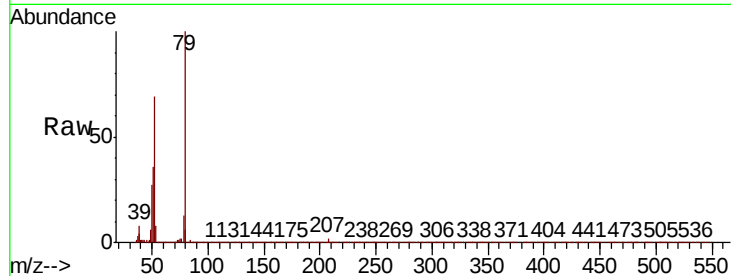




#3
 Pvridine
 Concen: 29.389 ng
 RT: 3.55 min Scan# 112
 Delta R.T. 0.00 min
 Lab File: BP002514.D
 Acq: 23 Jun 2020 22:43

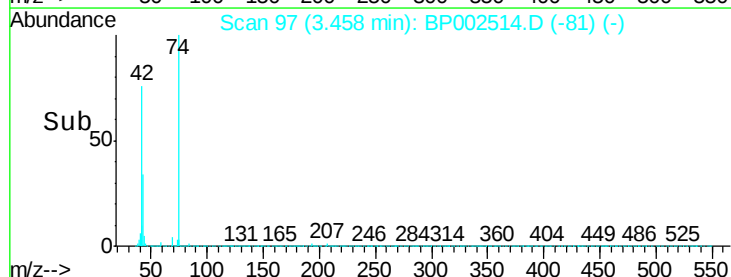
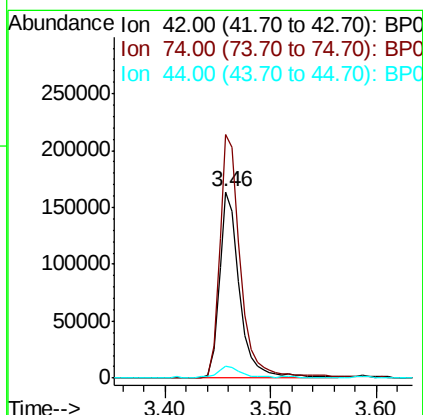
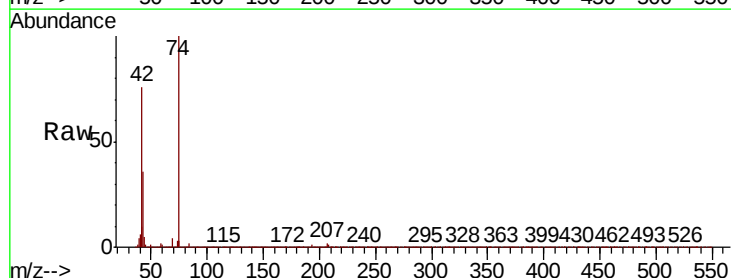
Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOXMS

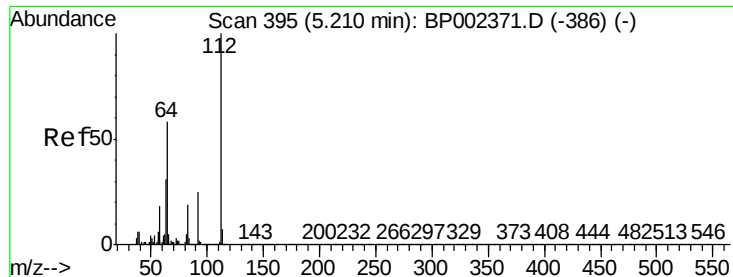
Tot Ion: 79 Resp: 337049
 Ion Ratio Lower Upper
 79 100
 52 68.8 52.5 78.7
 51 35.6 26.1 39.1



#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

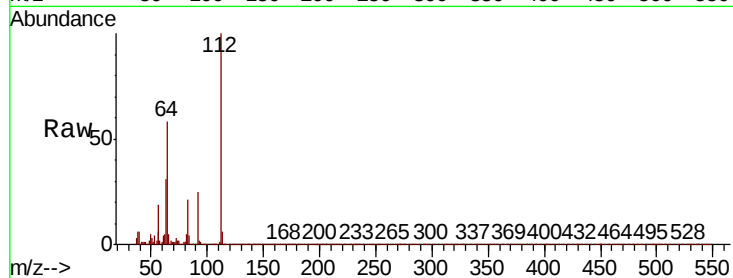
Tot Ion:112 Resp: 1115569

Ion Ratio Lower Upper

112 100

64 58.0 46.2 69.2

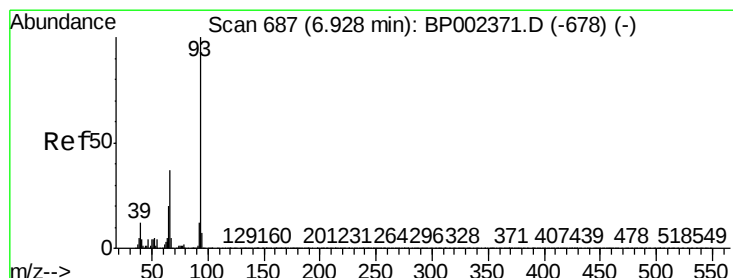
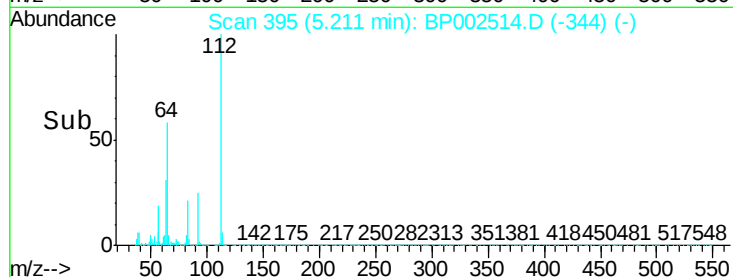
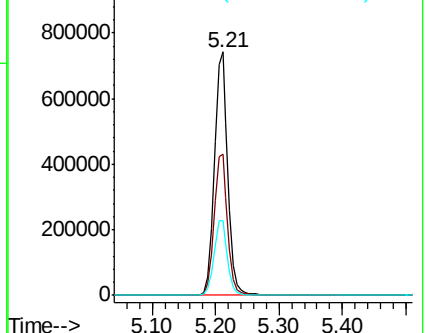
63 30.7 24.5 36.7



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

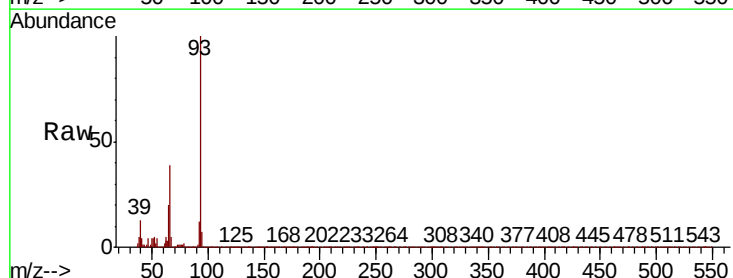
Tgt Ion: 93 Resp: 522742

Ion Ratio Lower Upper

93 100

66 38.6 29.8 44.6

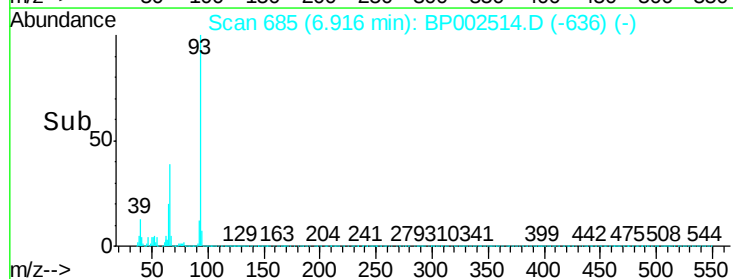
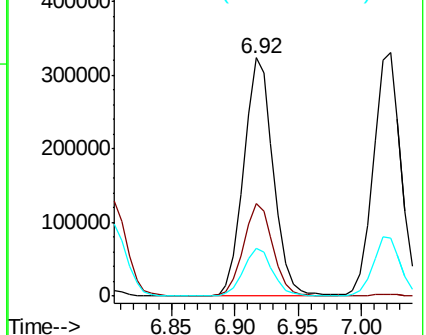
65 20.0 15.7 23.5

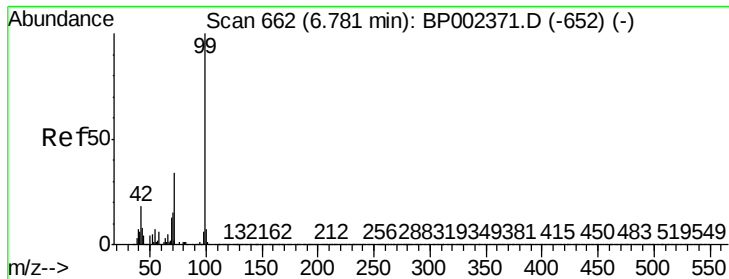


Abundance Ion 93.00 (92.70 to 93.70): BP0

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

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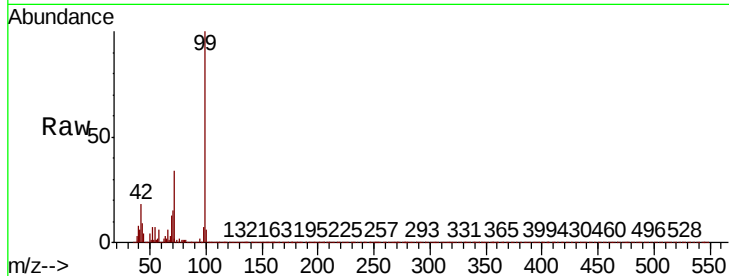
Tot Ion: 99 Resp: 1274550

Ion Ratio Lower Upper

99 100

42 18.3 14.6 22.0

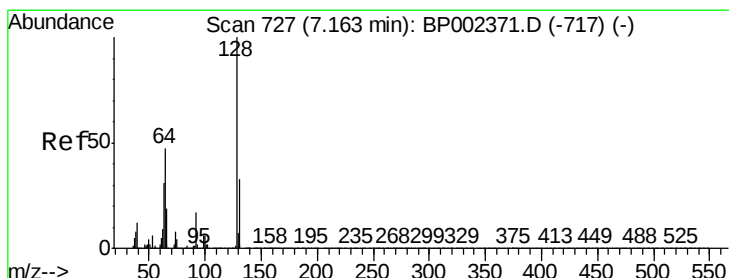
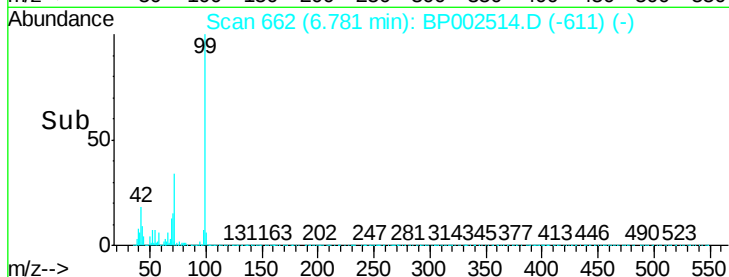
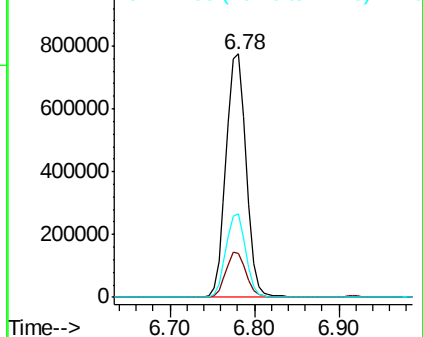
71 34.4 27.2 40.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 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

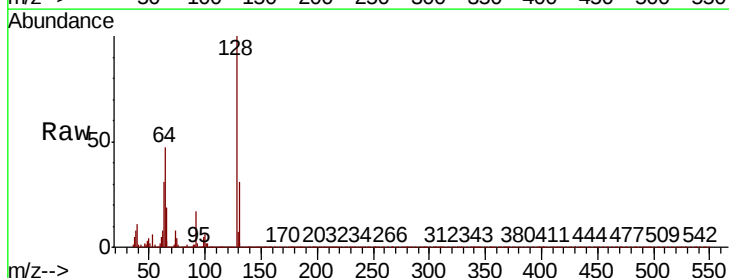
Tgt Ion: 128 Resp: 484703

Ion Ratio Lower Upper

128 100

130 31.4 12.5 52.5

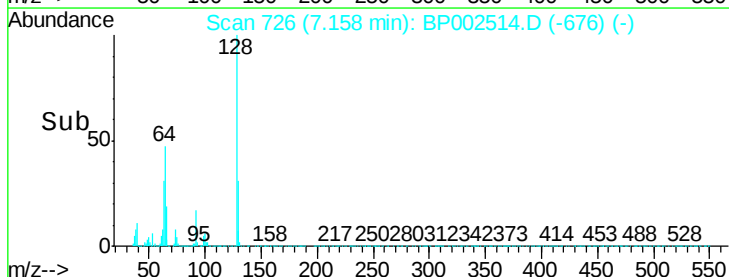
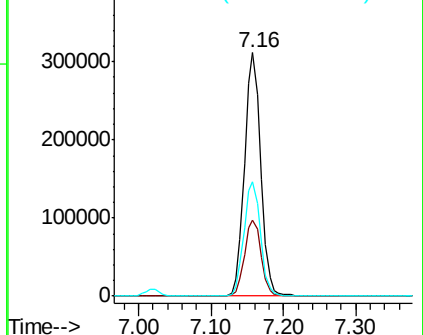
64 46.8 27.7 67.7

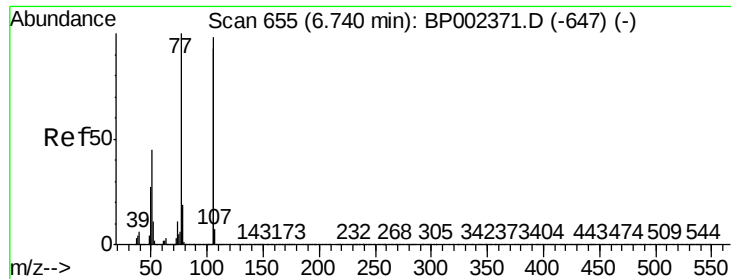


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 29.265 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

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SLUDGE-BOXMS

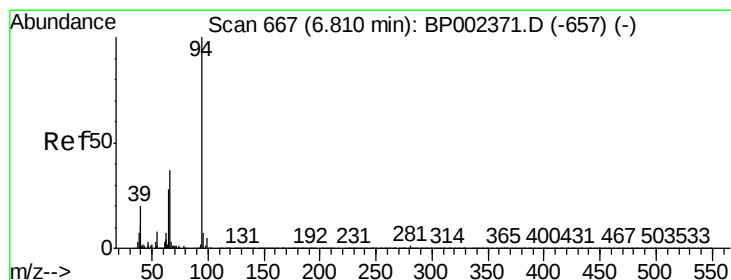
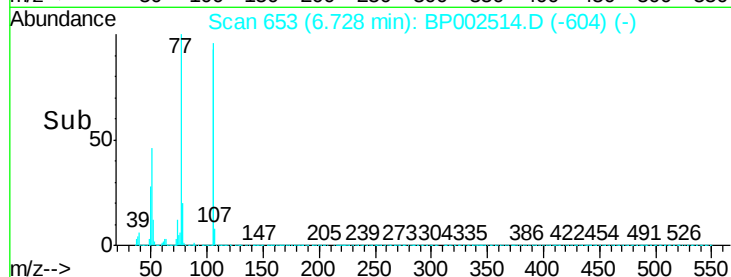
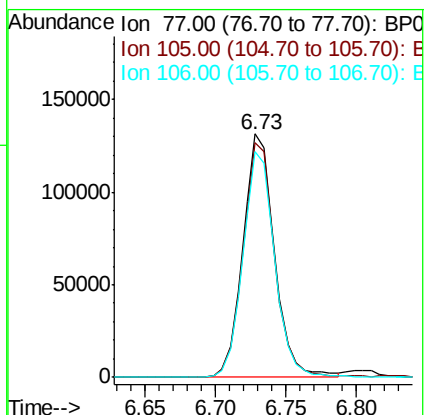
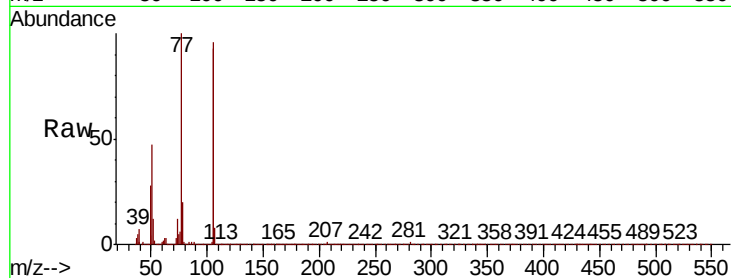
Tot Ion: 77 Resp: 205274

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

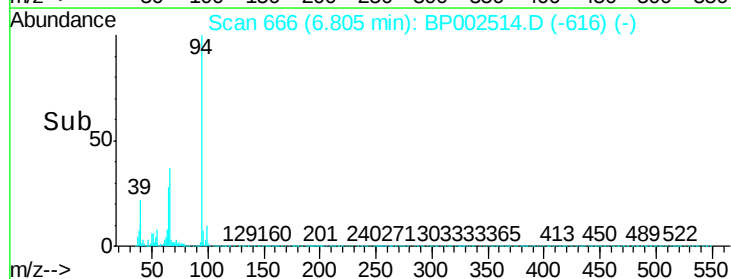
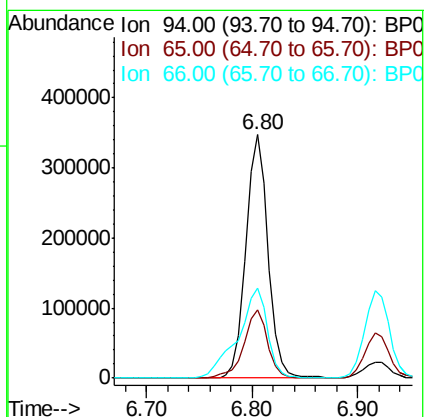
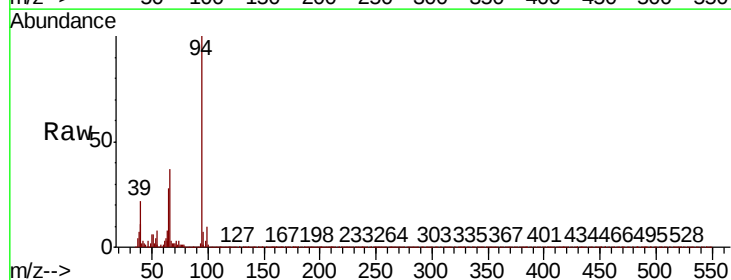
Tgt Ion: 94 Resp: 504953

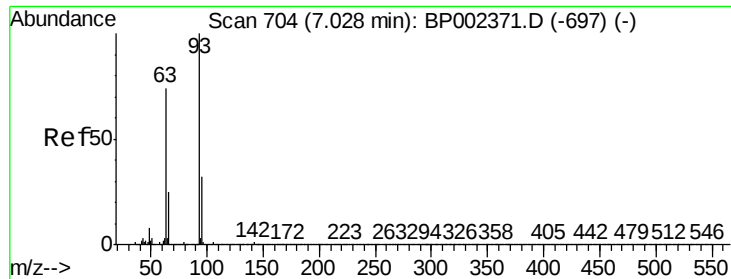
Ion Ratio Lower Upper

94 100

65 28.2 7.7 47.7

66 37.2 16.9 56.9

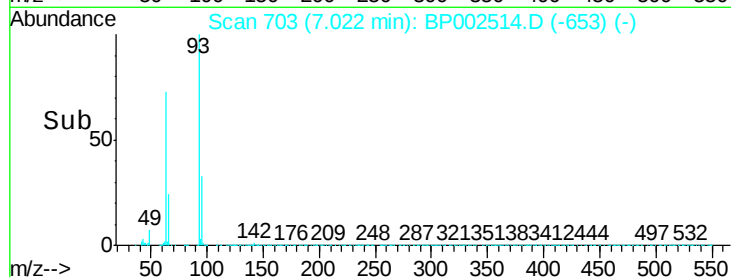
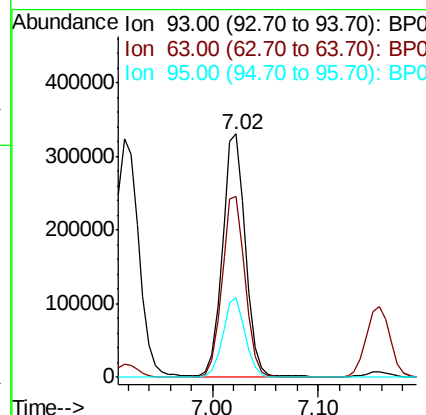
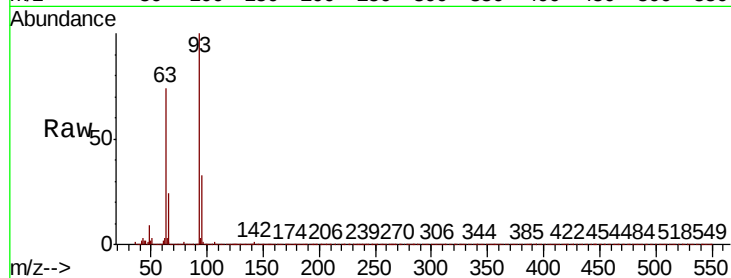




#11
bis(2-Chloroethyl)ether
Concen: 45.424 ng
RT: 7.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

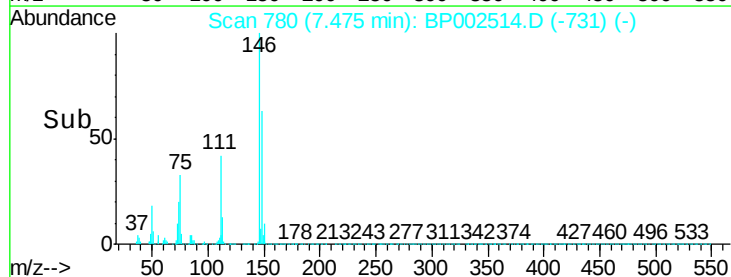
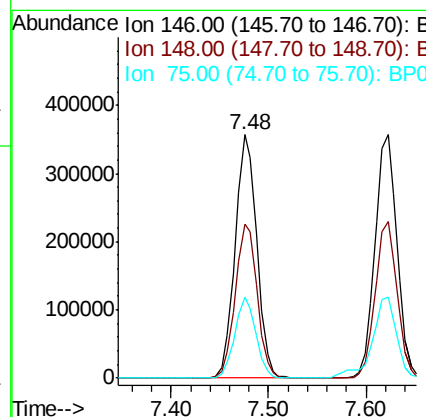
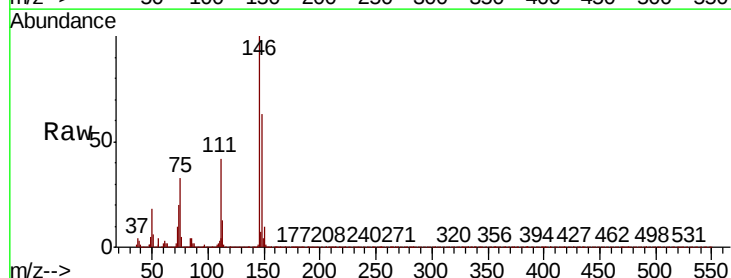
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

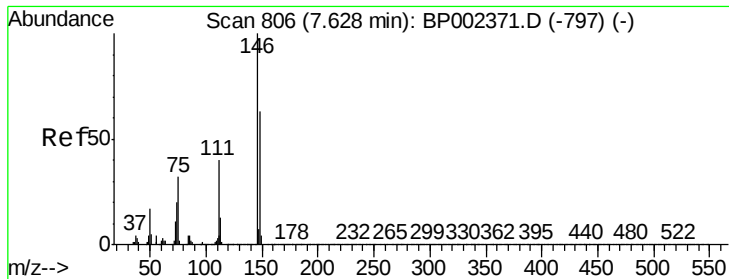
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.1	54.2	94.2
95	32.7	11.8	51.8



#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

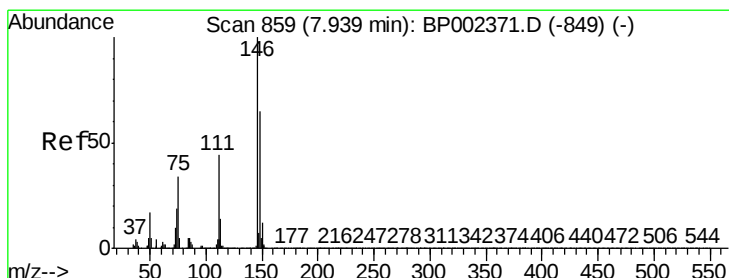
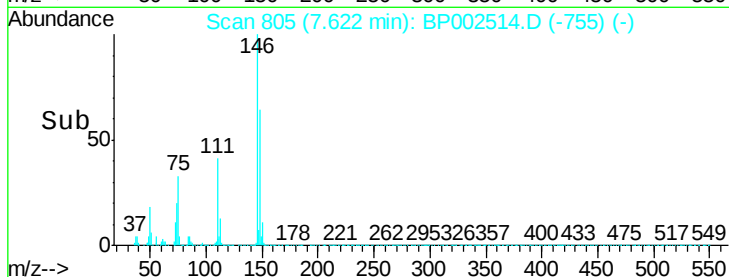
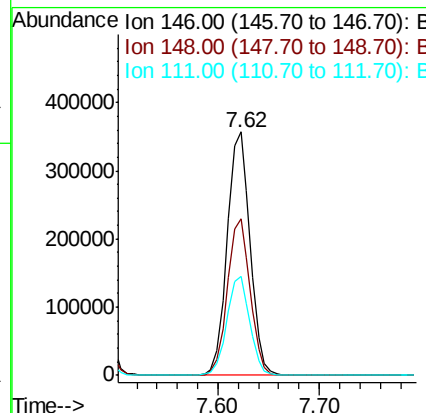
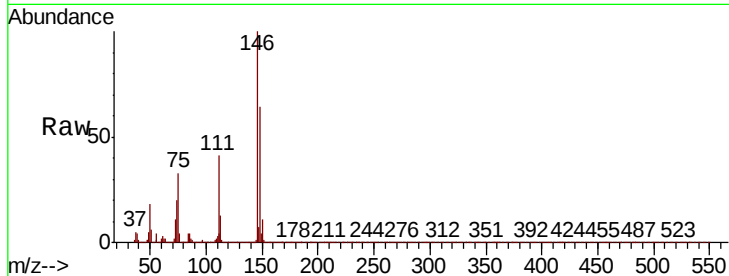




#13
 1,4-Dichlorobenzene
 Concen: 46.698 ng
 RT: 7.62 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BP002514.D
 Acq: 23 Jun 2020 22:43

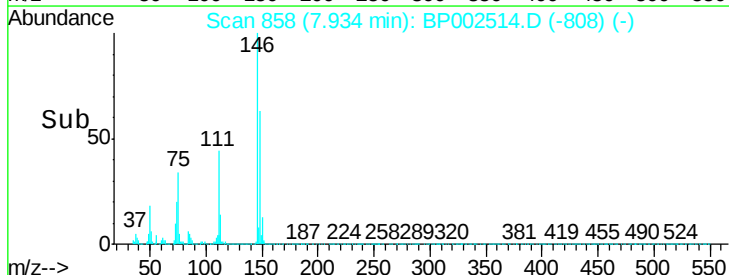
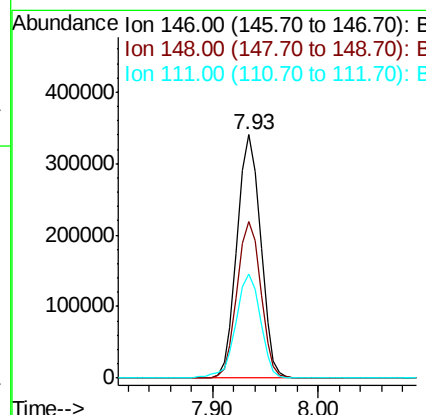
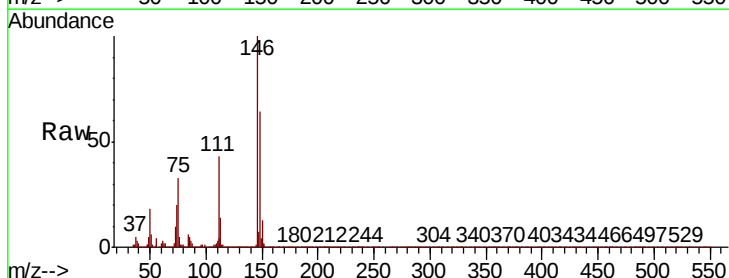
Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOXMS

Tot Ion	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	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
111	42.9	35.4	53.2

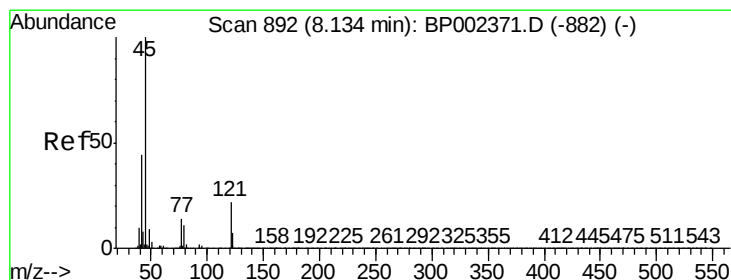
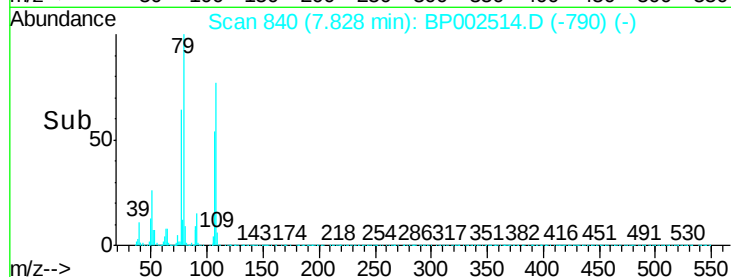
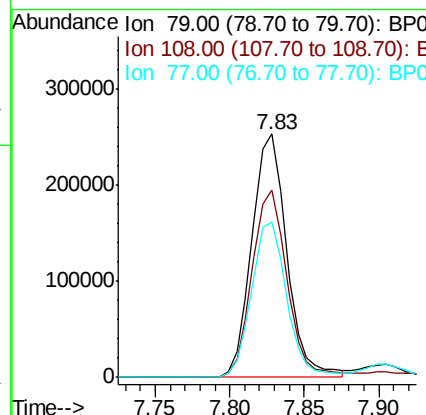
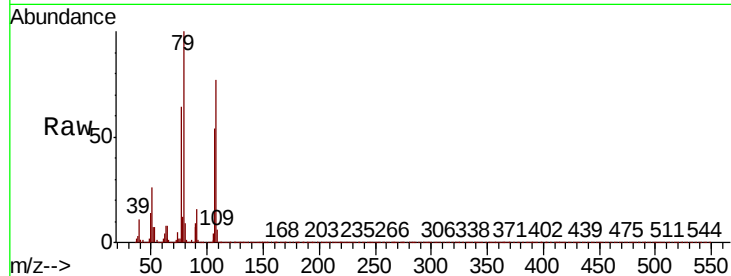




#15
Benzyl Alcohol
Concen: 43.331 ng
RT: 7.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

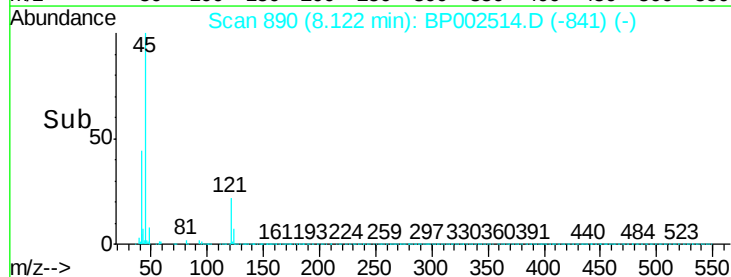
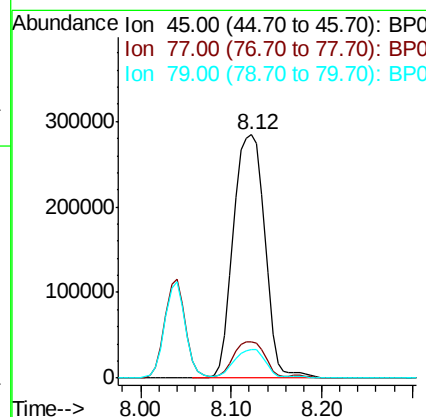
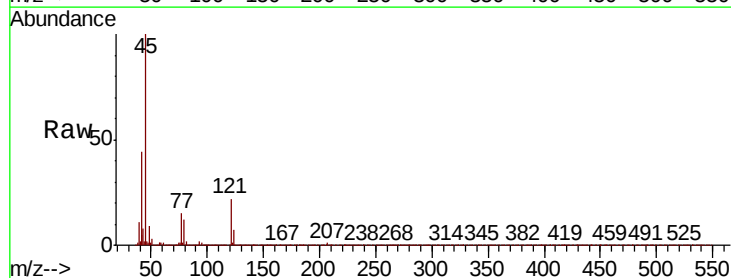
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

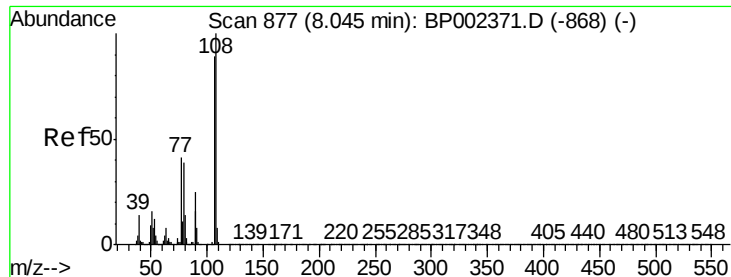
Tot Ion	Ratio	Lower	Upper
79	100		
108	76.7	62.6	94.0
77	63.6	51.5	77.3



#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	Ratio	Lower	Upper
45	100		
77	15.0	0.0	35.0
79	11.7	0.0	32.0

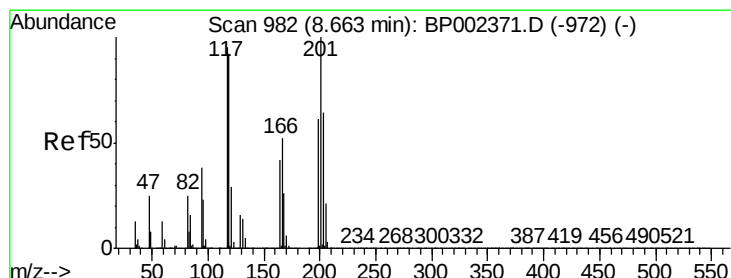
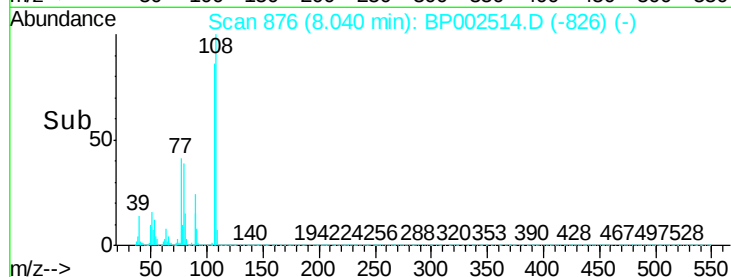
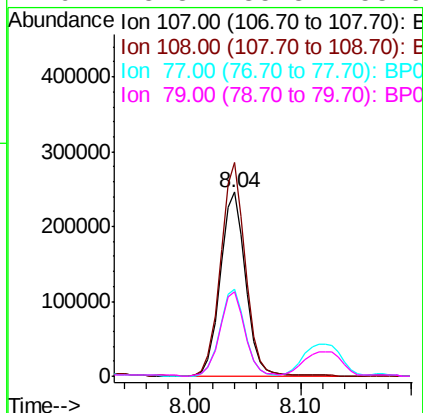
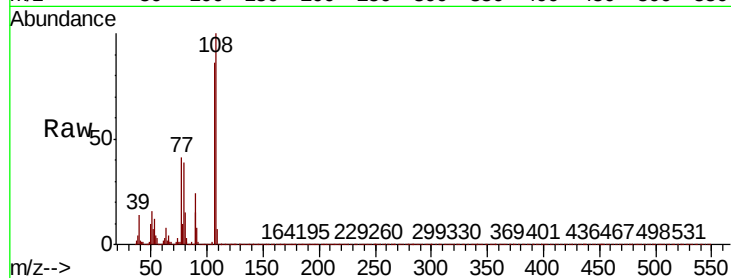




#17
2-Methylphenol
Concen: 40.513 ng
RT: 8.04 min Scan# 876
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

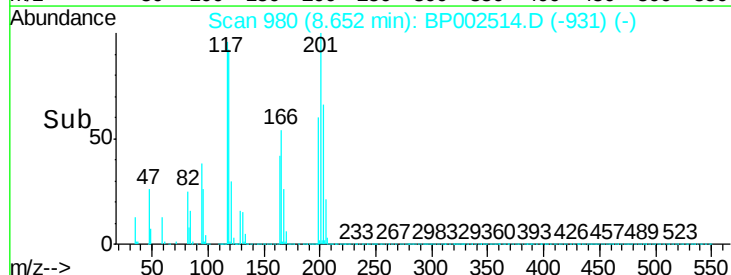
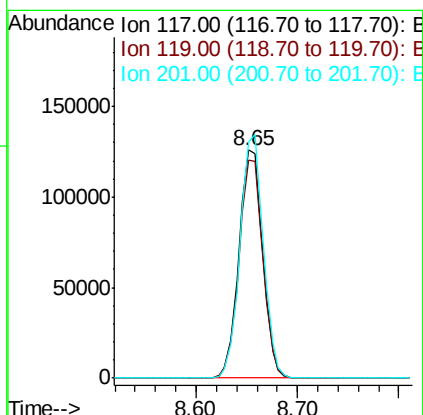
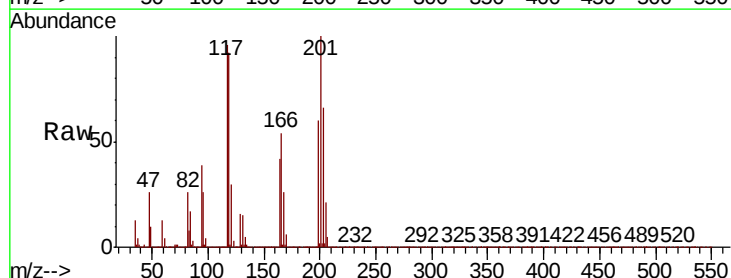
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

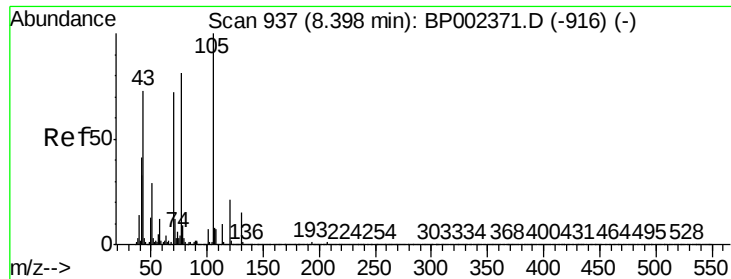
Tot Ion:	107	Resp:	391587
Ion	Ratio	Lower	Upper
107	100		
108	116.0	90.3	135.5
77	47.2	37.1	55.7
79	45.8	35.8	53.6



#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

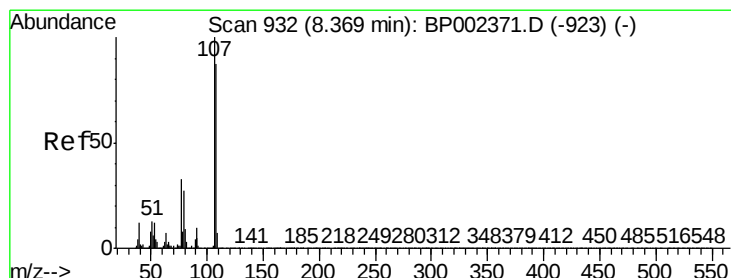
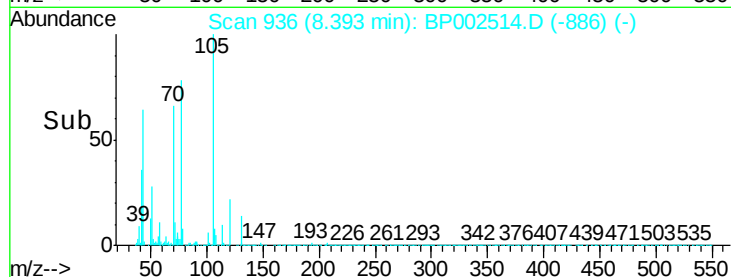
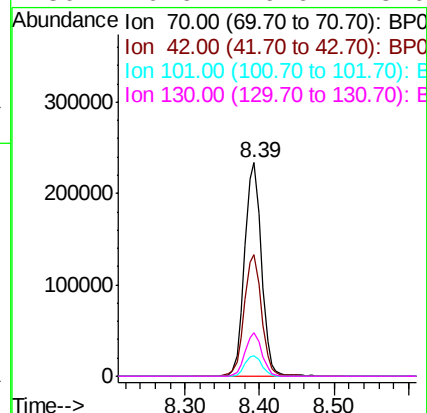
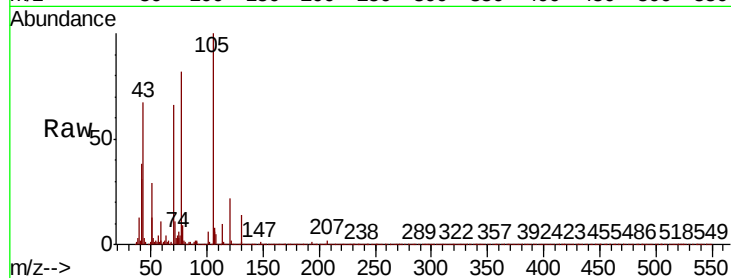




#19
n-Nitroso-di-n-propylamine
Concen: 44.792 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

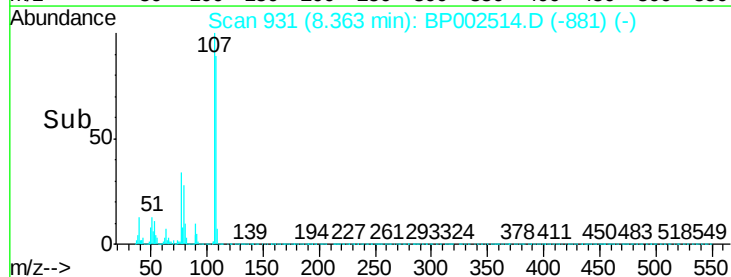
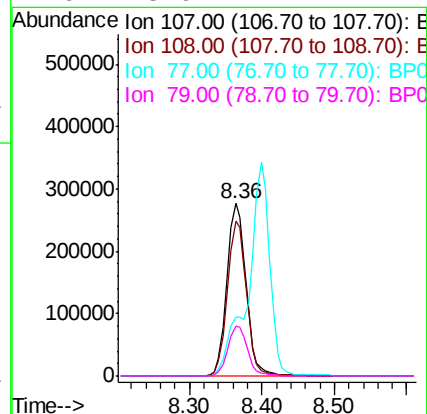
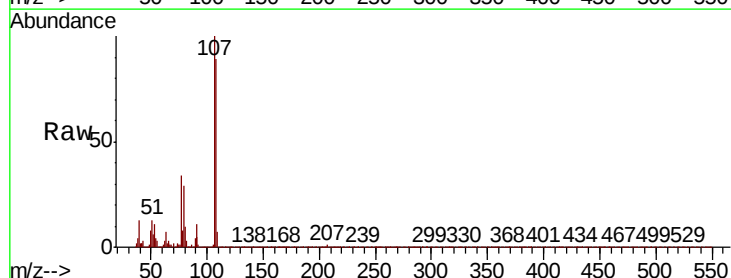
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

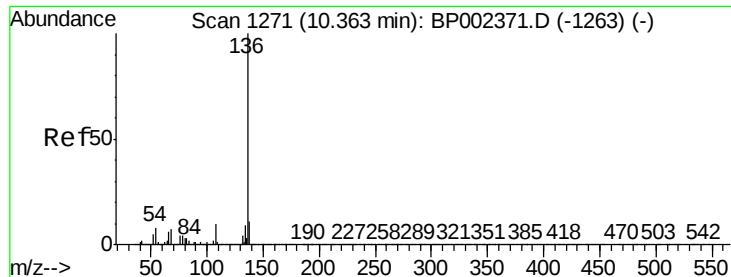
Tot Ion: 70 Resp: 365158
Ion Ratio Lower Upper
70 100
42 56.9 45.7 68.5
101 9.6 7.5 11.3
130 20.6 16.6 25.0



#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

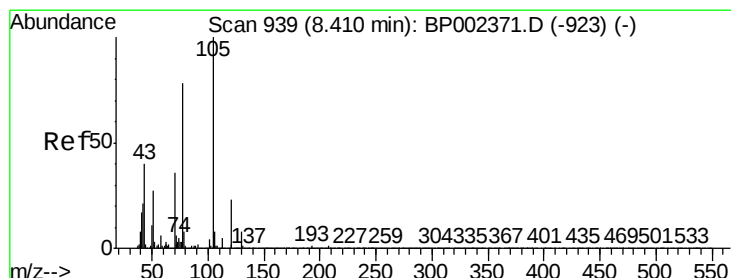
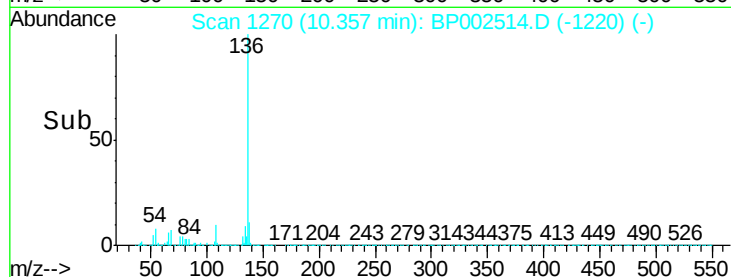
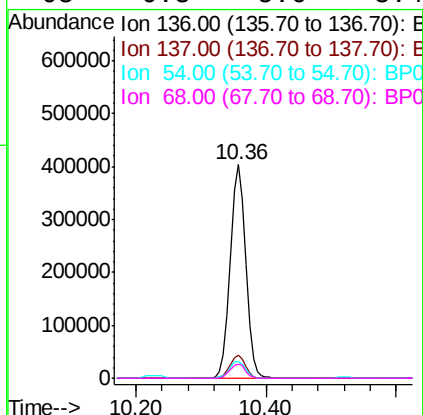
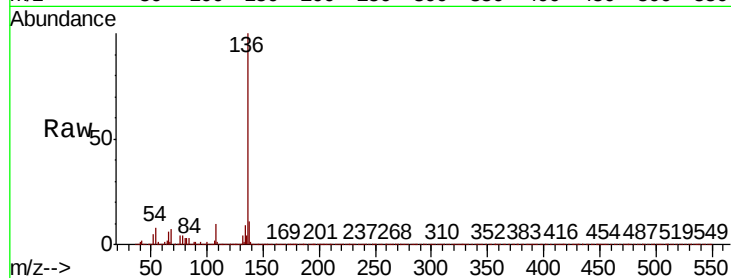




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

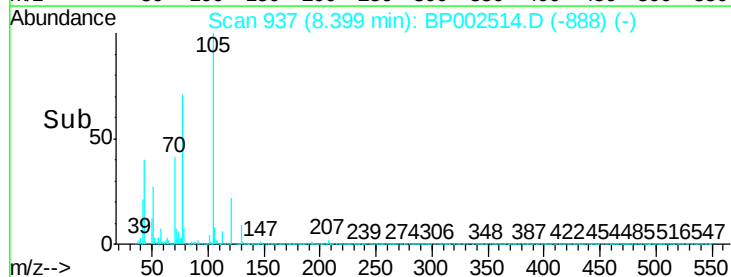
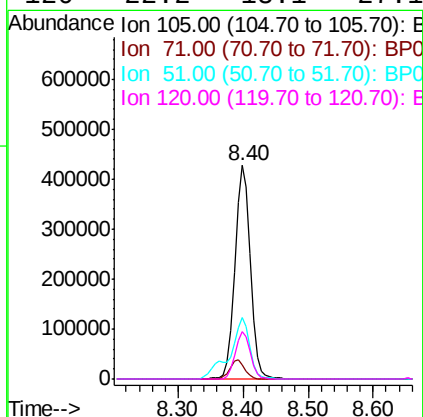
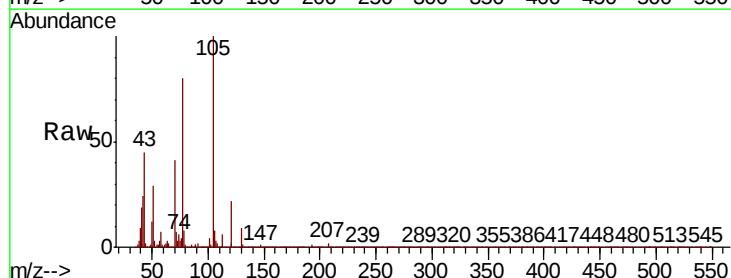
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

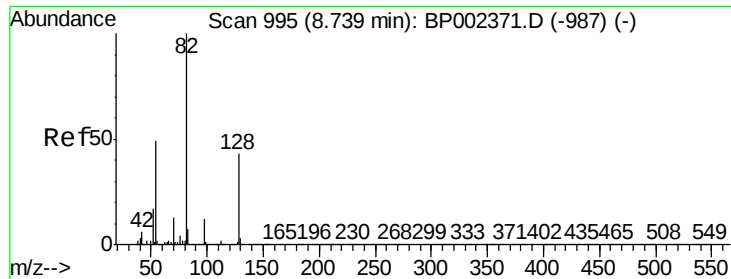
Tot Ion:136	Resp: 668008
Ion Ratio	Lower Upper
136 100	
137 10.7	8.8 13.2
54 8.0	6.4 9.6
68 6.8	5.6 8.4



#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

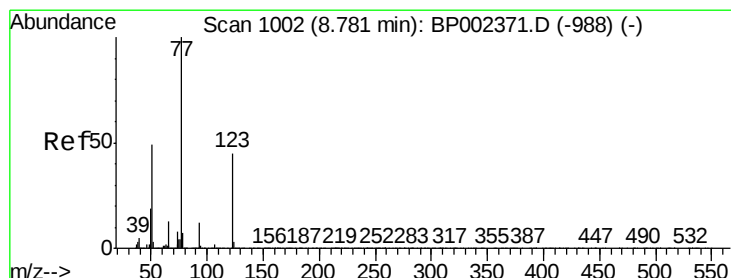
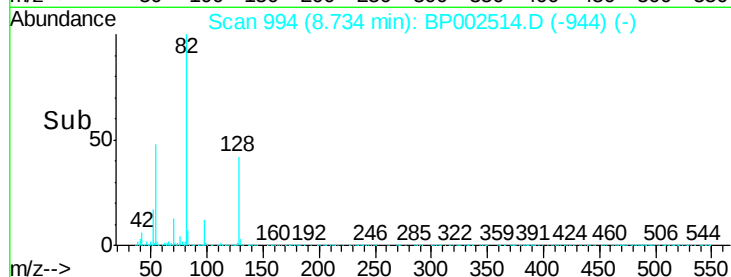
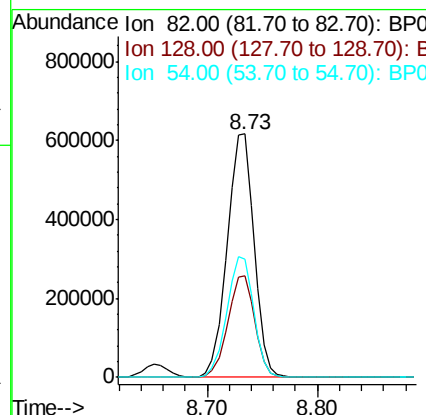
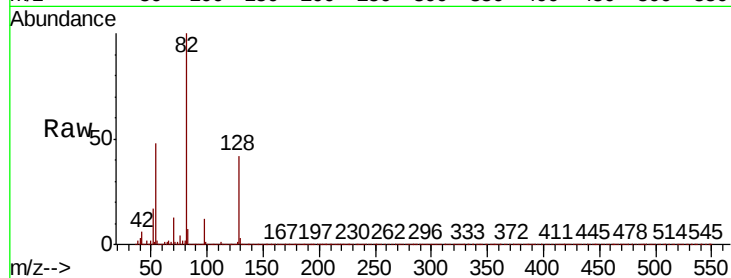




#23
Nitrobenzene-d5
Concen: 94.130 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

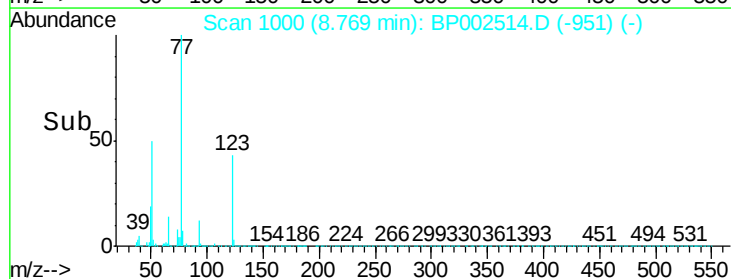
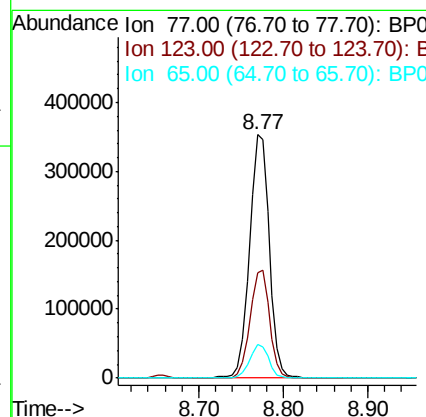
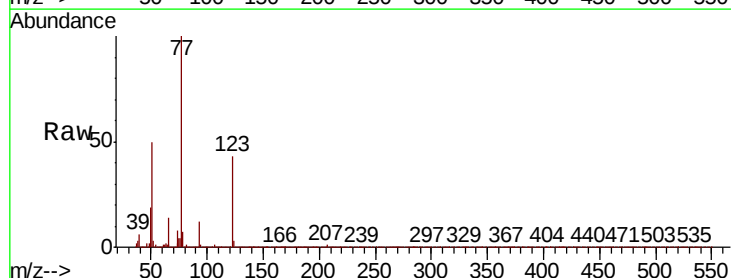
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

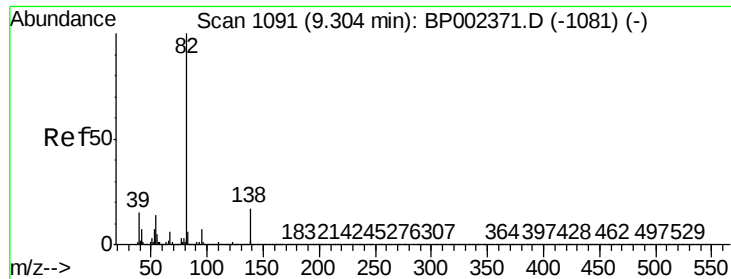
Tot Ion: 82 Resp: 1052927
Ion Ratio Lower Upper
82 100
128 41.7 34.5 51.7
54 48.5 39.4 59.2



#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

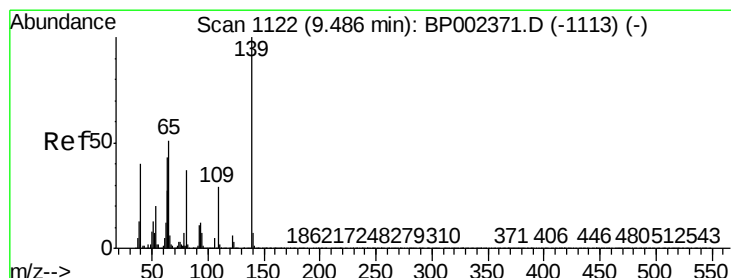
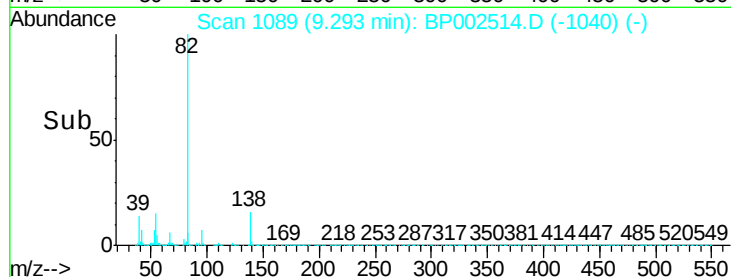
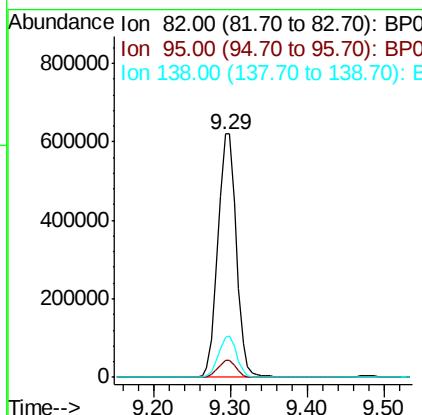
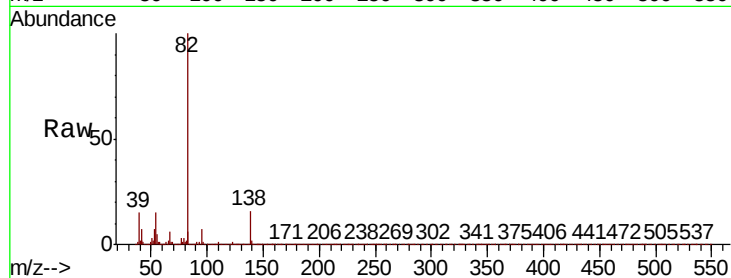




#25
Isophorone
Concen: 44.919 ng
RT: 9.29 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

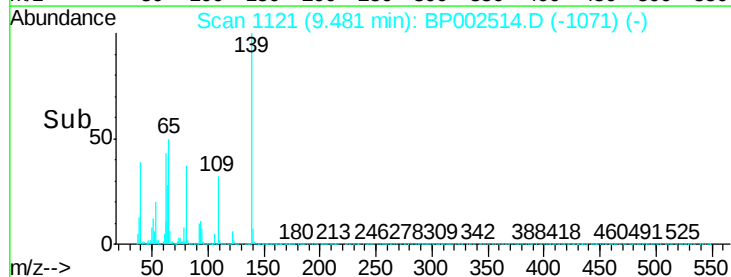
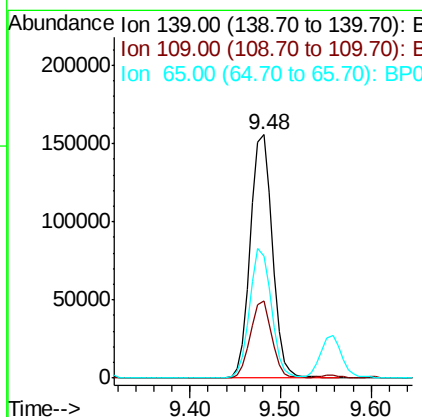
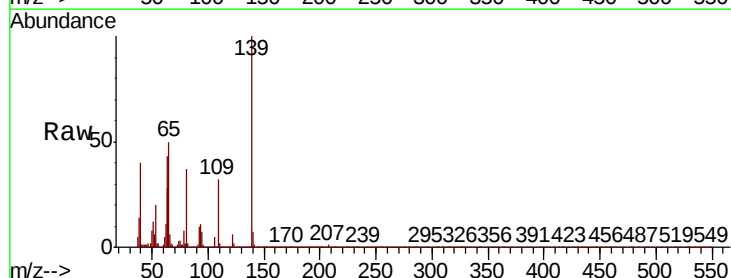
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

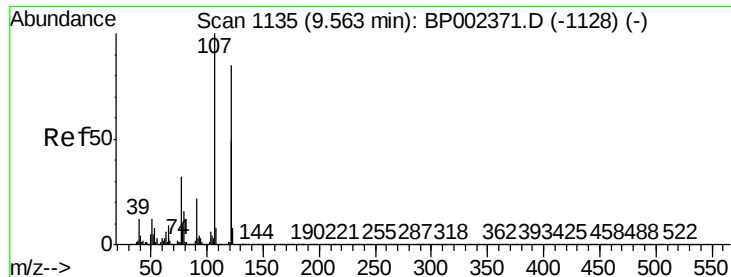
Tot Ion: 82 Resp: 1023349
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 16.4 13.4 20.0



#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

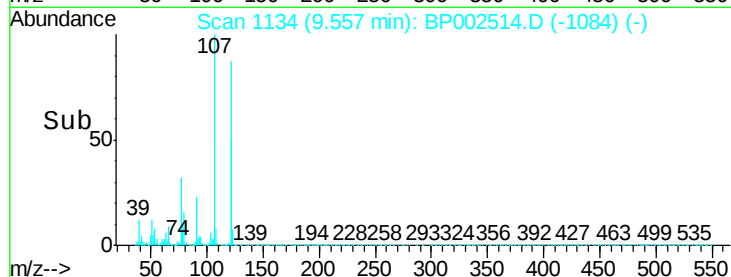
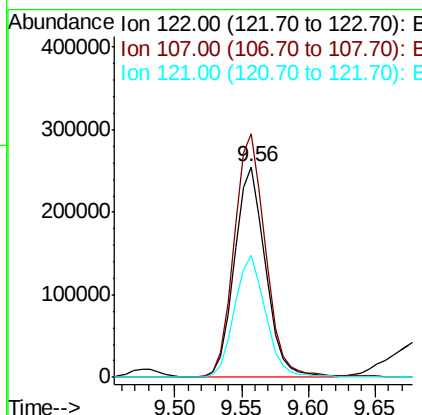
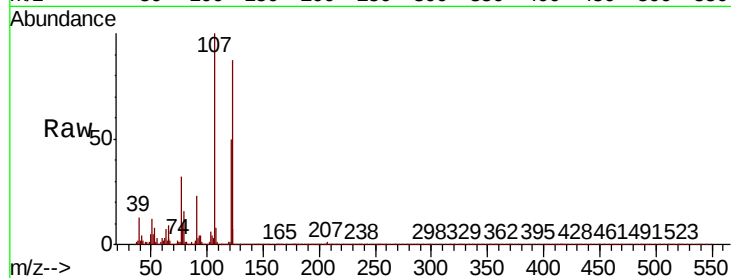




#27
2,4-Dimethylphenol
Concen: 48.862 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

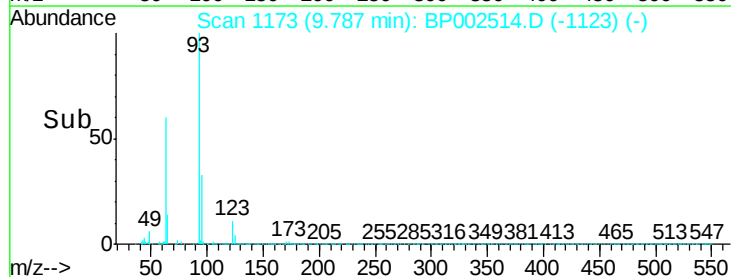
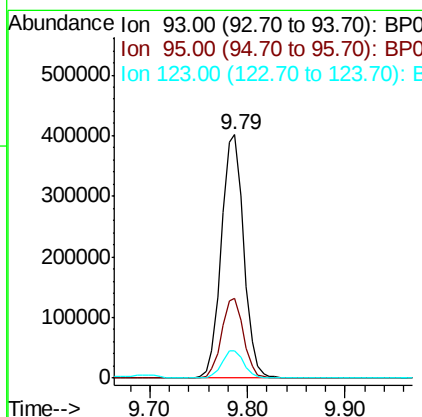
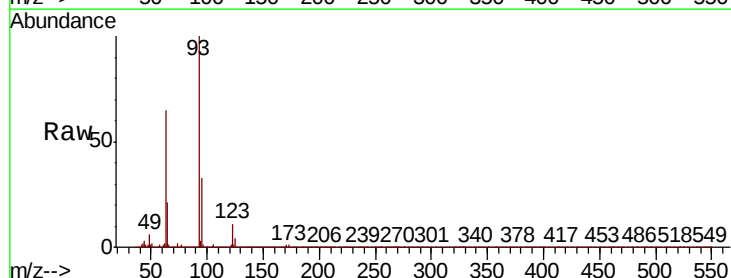
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

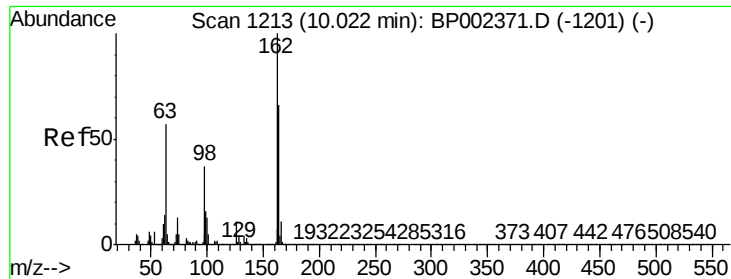
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.4	94.0	141.0
121	58.0	46.4	69.6



#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

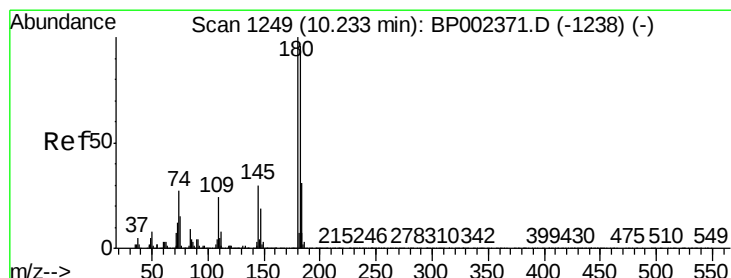
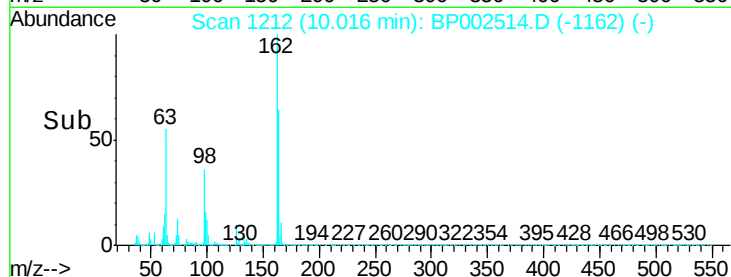
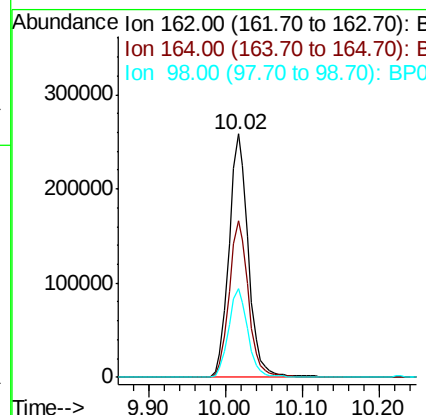
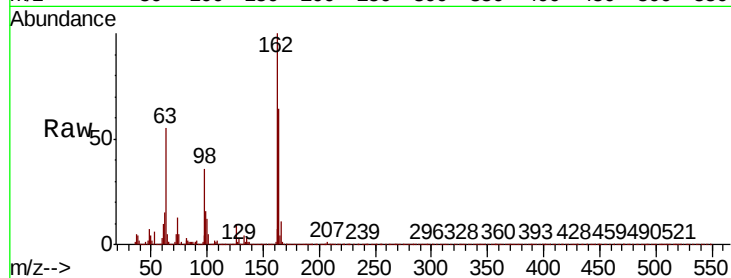




#29
 2,4-Dichlorophenol
 Concen: 47.862 ng
 RT: 10.02 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BP002514.D
 Acq: 23 Jun 2020 22:43

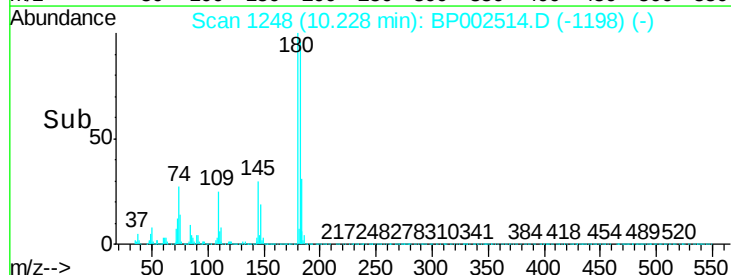
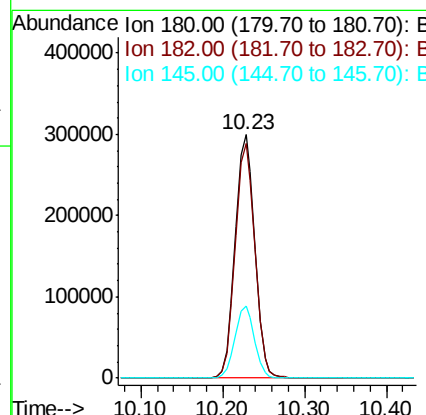
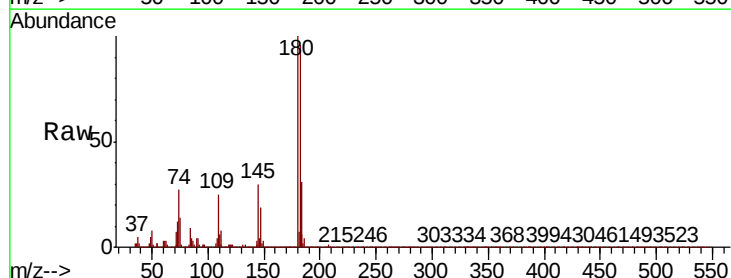
Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOXMS

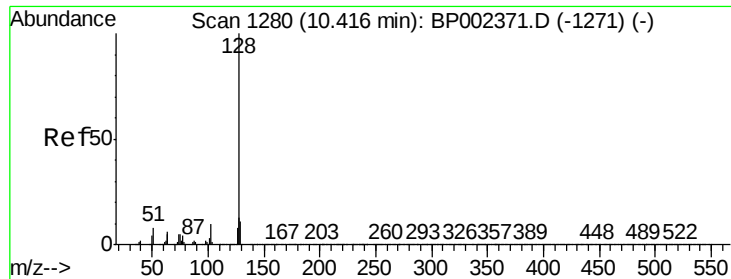
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.5	85.5
98	36.5	16.6	56.6



#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

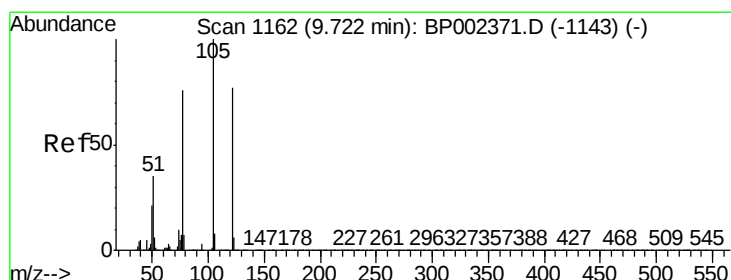
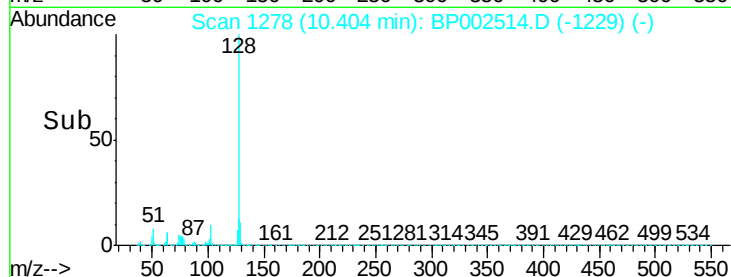
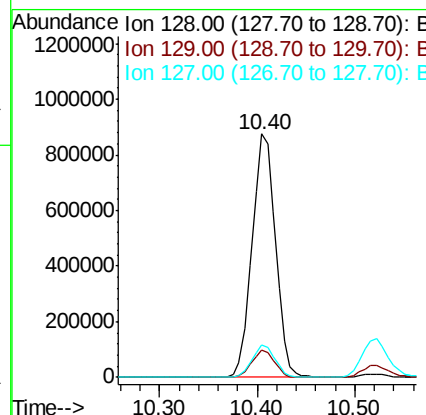
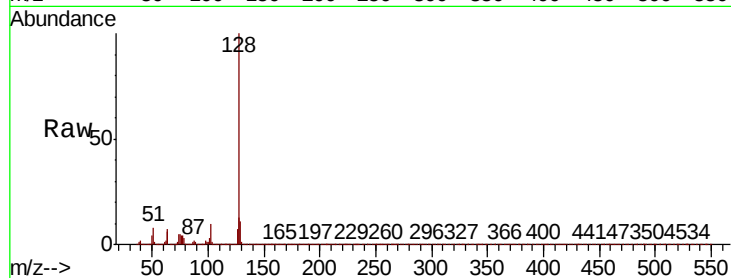




#31
Naphthalene
Concen: 47.231 ng
RT: 10.40 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

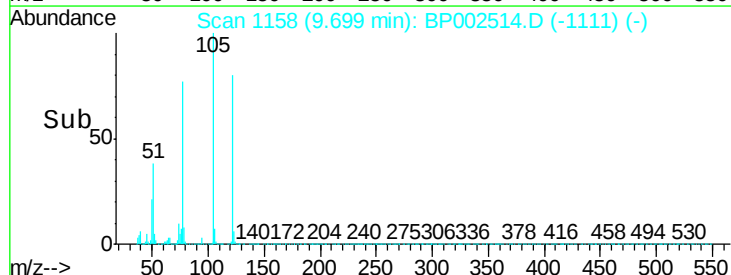
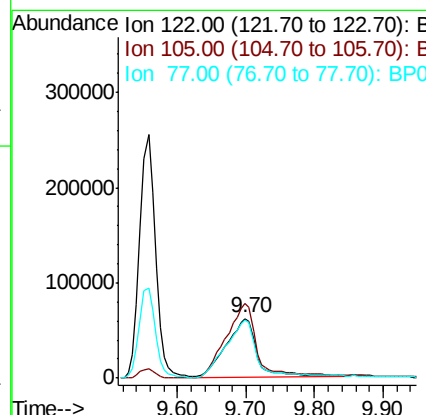
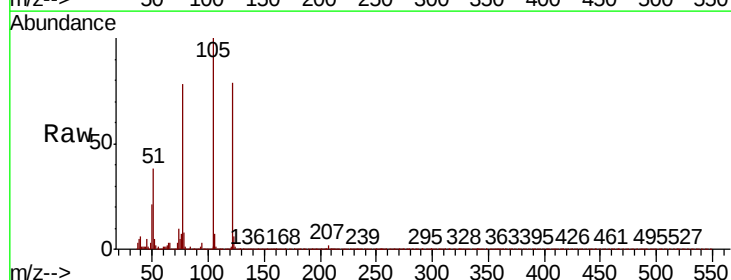
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

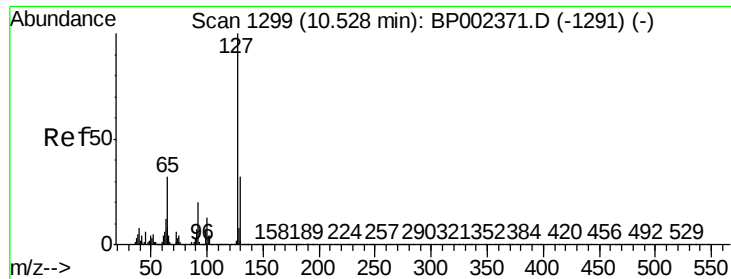
Tot Ion:128 Resp: 1465768
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.3 15.5



#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

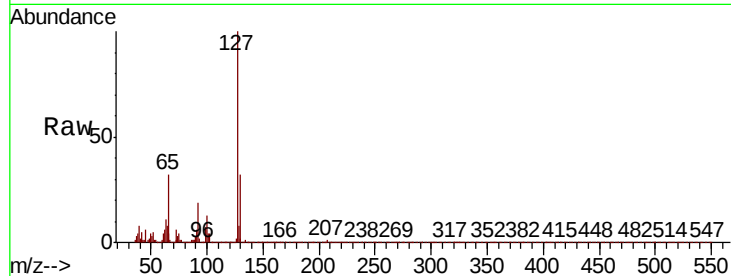




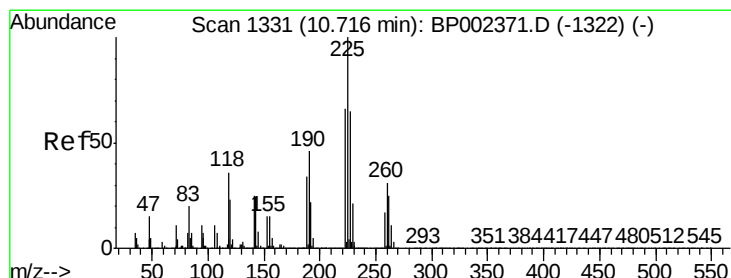
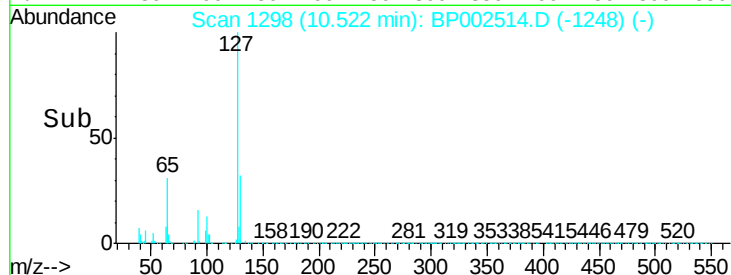
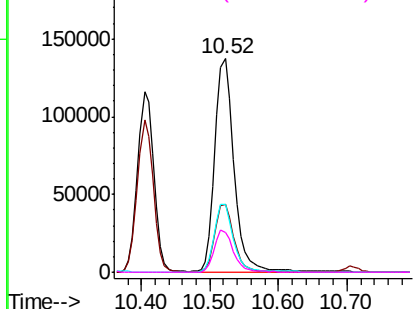
#33
4-Chloroaniline
Concen: 19.657 ng
RT: 10.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

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

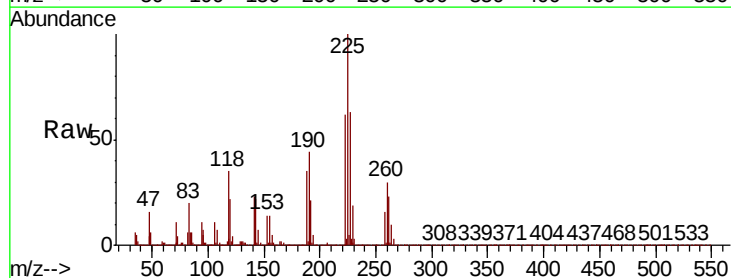


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

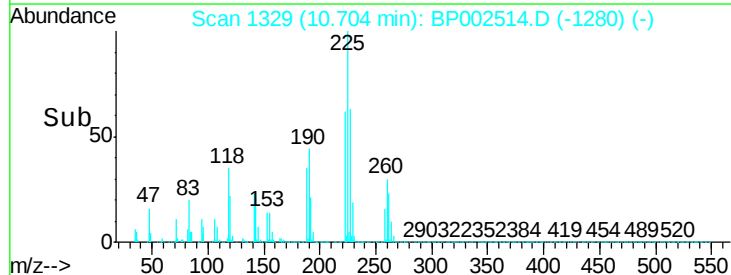
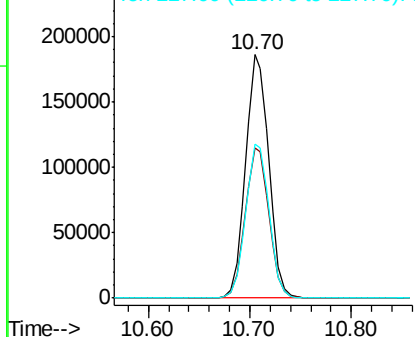


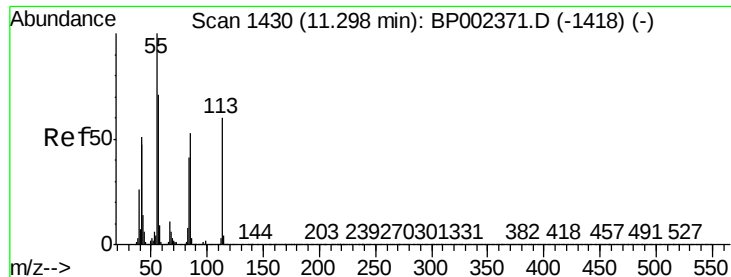
#34
Hexachlorobutadiene
Concen: 47.923 ng
RT: 10.70 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

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



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

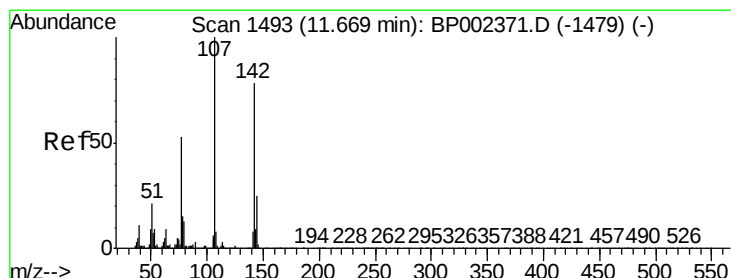
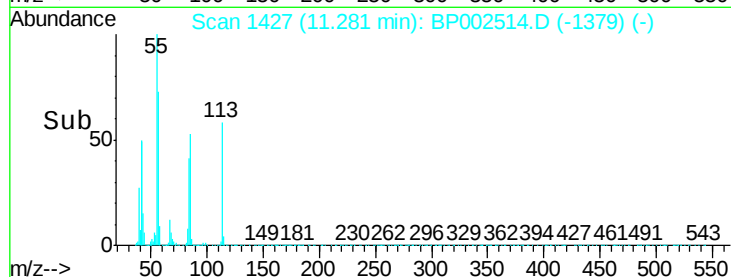
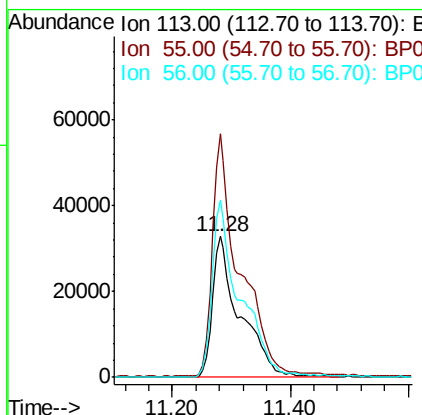
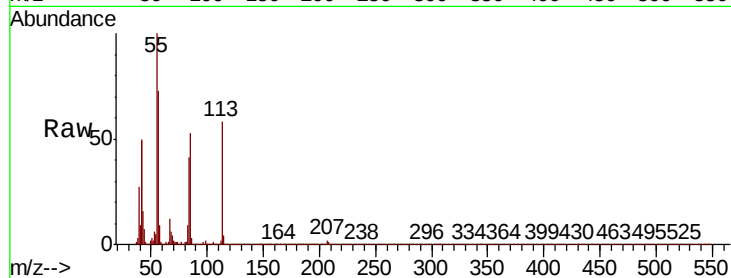




#35
 Caprolactam
 Concen: 31.929 ng
 RT: 11.28 min Scan# 1427
 Delta R.T. -0.02 min
 Lab File: BP002514.D
 Acq: 23 Jun 2020 22:43

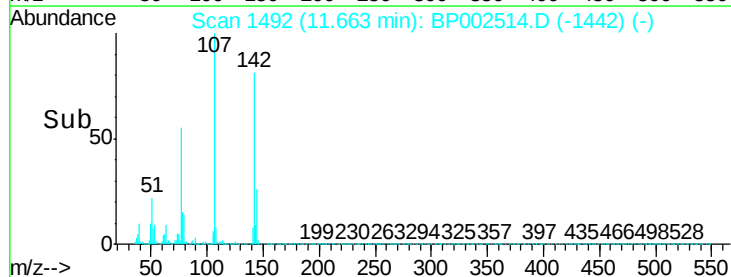
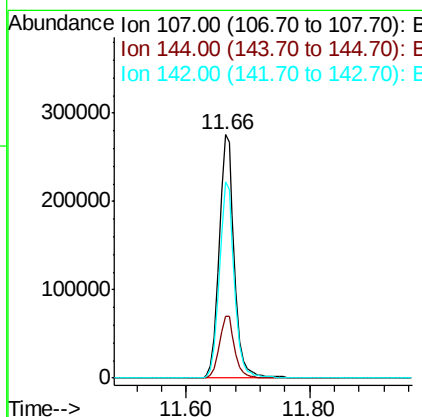
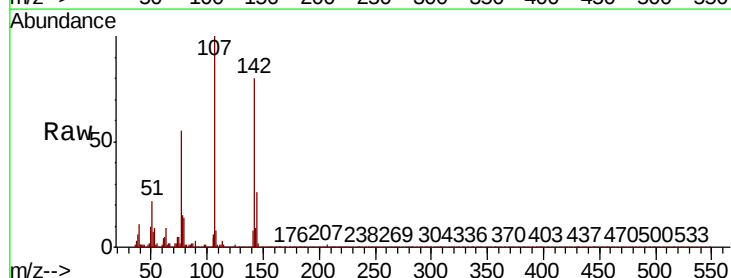
Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOXMS

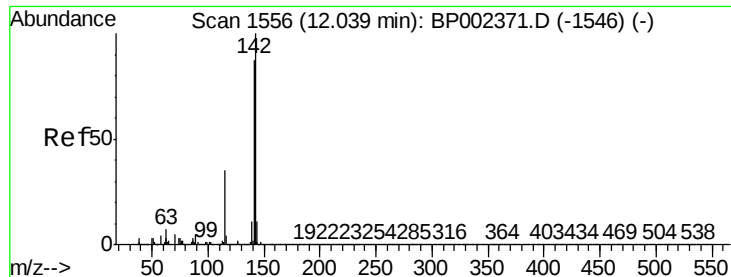
Tot Ion:113 Resp: 106556
 Ion Ratio Lower Upper
 113 100
 55 173.0 147.9 187.9
 56 126.0 99.9 139.9



#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

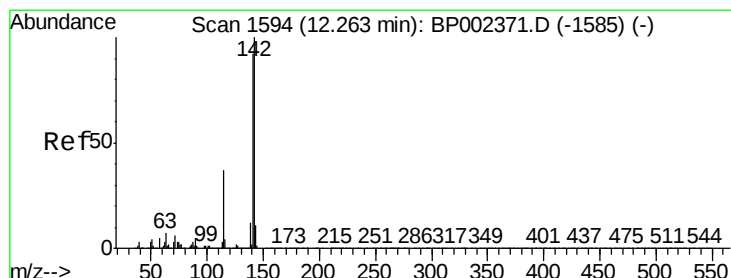
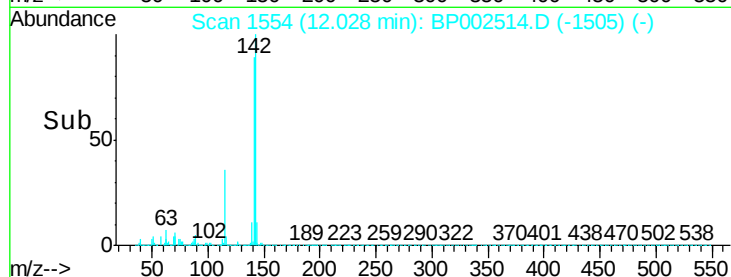
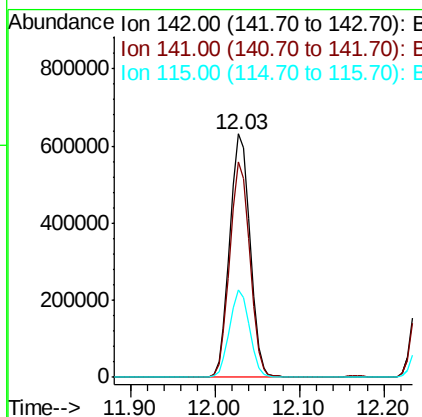
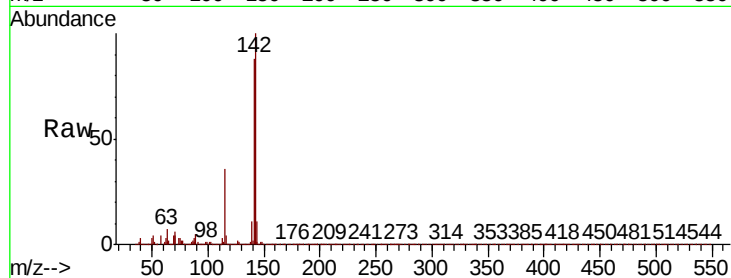




#37
2-Methylnaphthalene
Concen: 47.443 ng
RT: 12.03 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

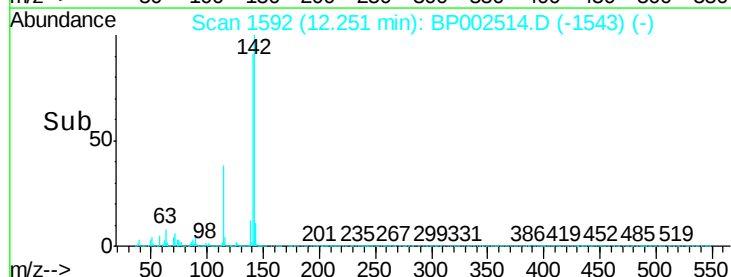
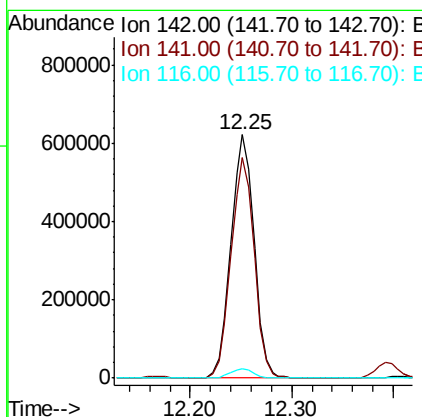
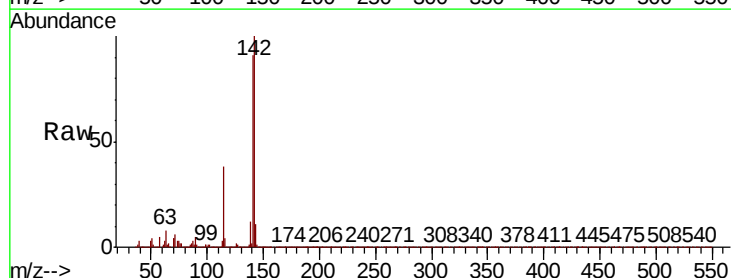
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

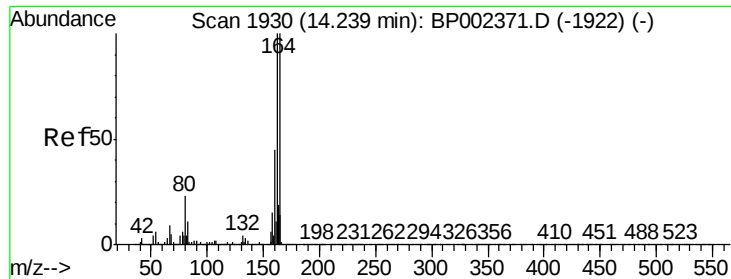
Tot Ion:142 Resp: 1045045
Ion Ratio Lower Upper
142 100
141 88.3 69.7 104.5
115 35.8 27.8 41.8



#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





#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 :

SLUDGE-BOXMS

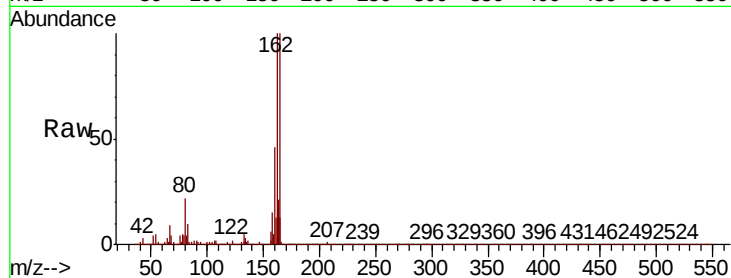
Tot Ion:164 Resp: 388408

Ion Ratio Lower Upper

164 100

162 100.1 79.8 119.8

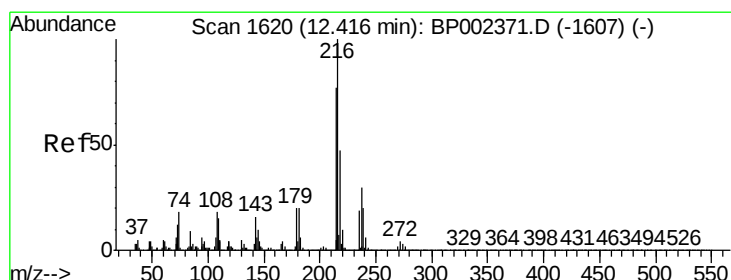
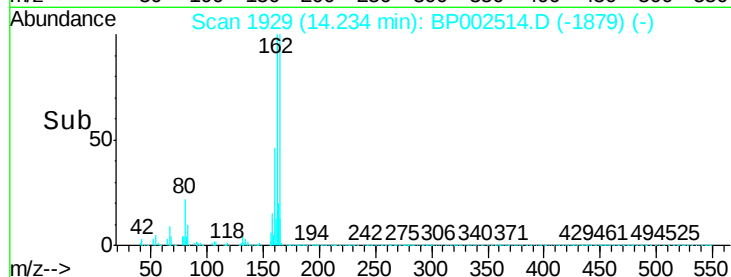
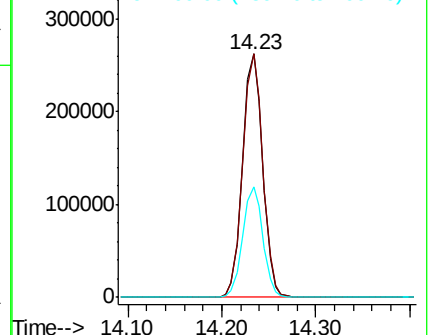
160 45.6 36.2 54.2



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

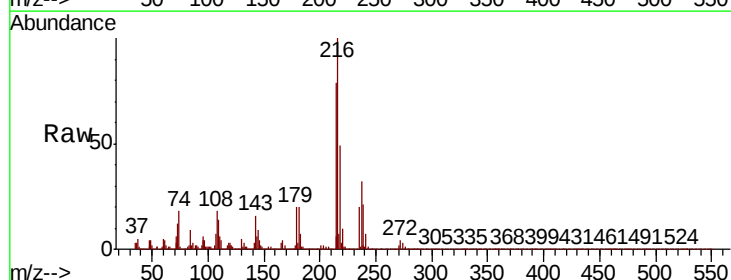
Ion Ratio Lower Upper

216 100

214 78.7 62.6 94.0

179 20.1 16.4 24.6

108 20.6 15.5 23.3

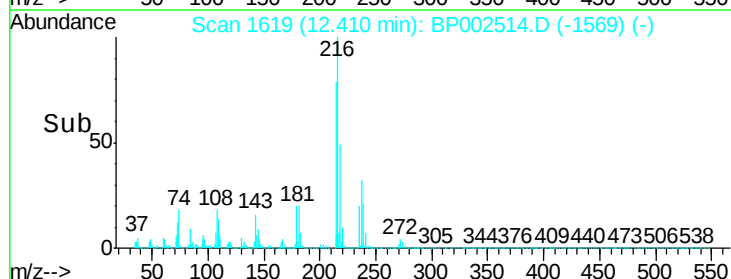
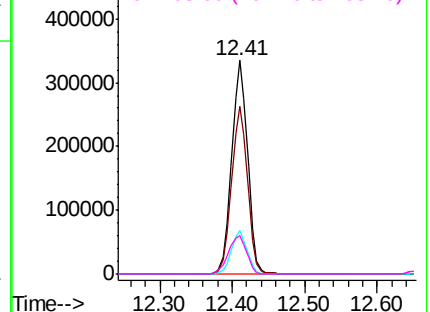


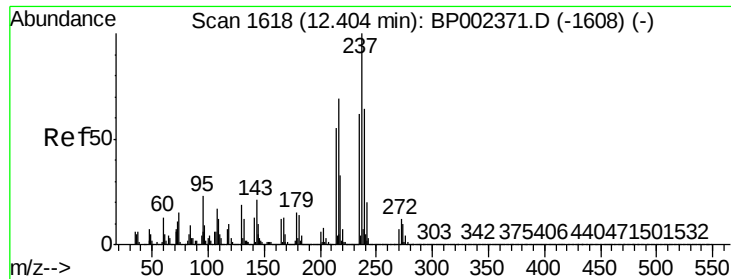
Abundance Ion 216.00 (215.70 to 216.70): E

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

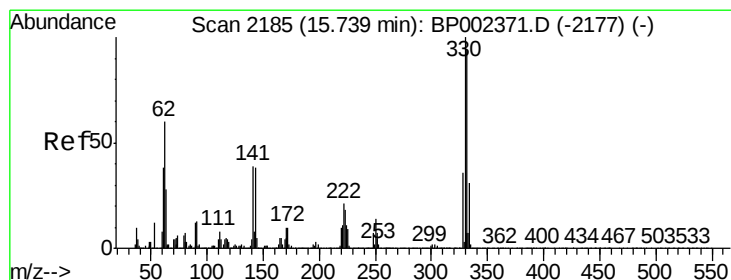
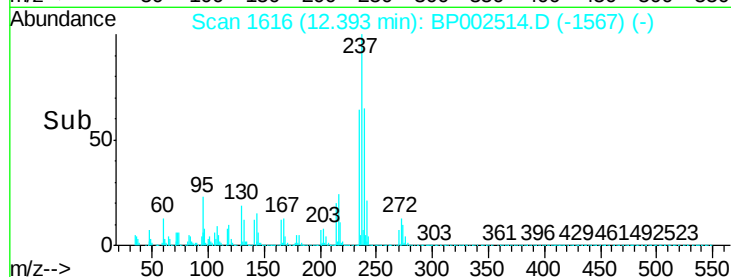
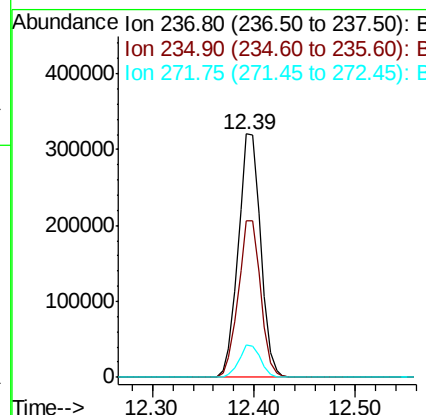
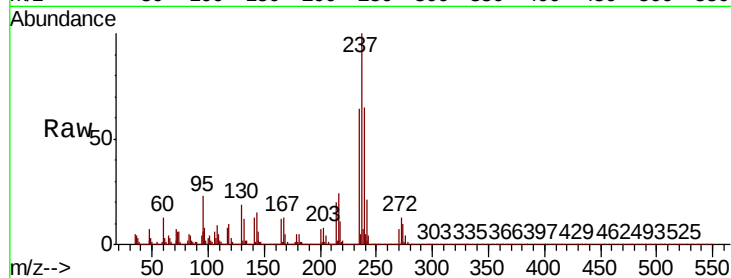




#41
Hexachlorocyclopentadiene
Concen: 90.295 ng
RT: 12.39 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

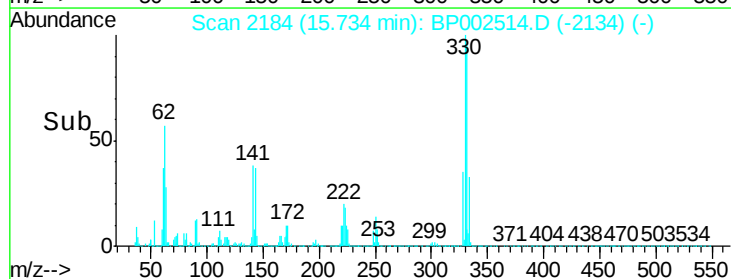
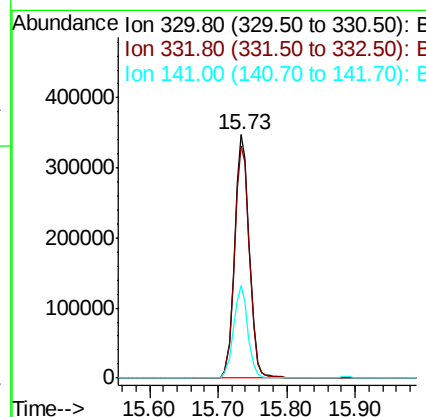
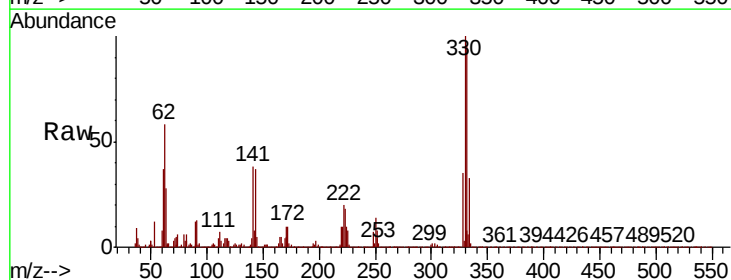
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.4	42.0	82.0
272	13.1	0.0	32.5



#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	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	37.1	30.3	45.5

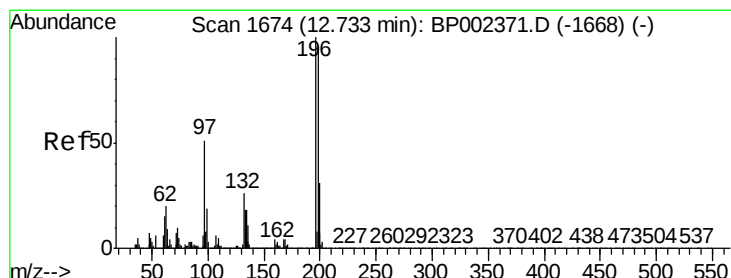
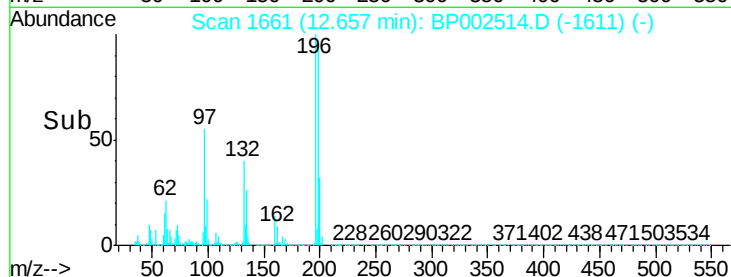
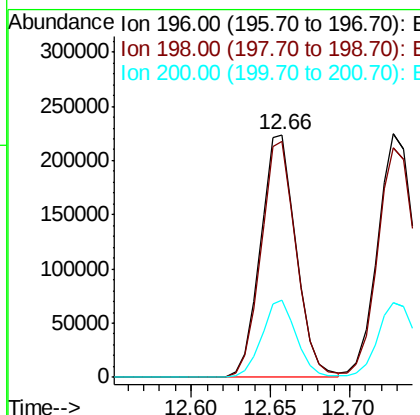
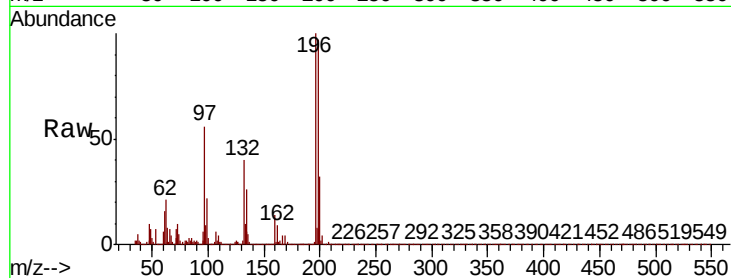




#43
2,4,6-Trichlorophenol
Concen: 48.210 ng
RT: 12.66 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

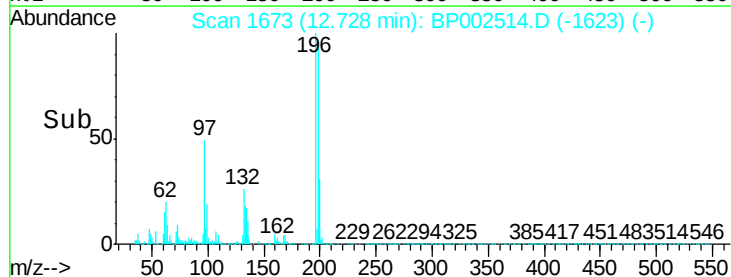
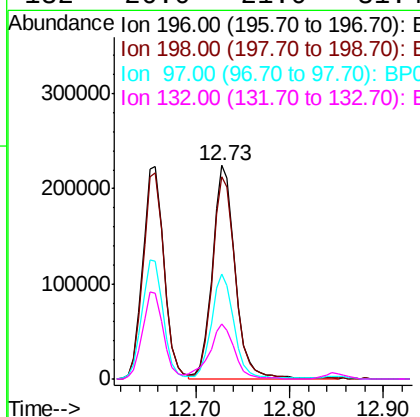
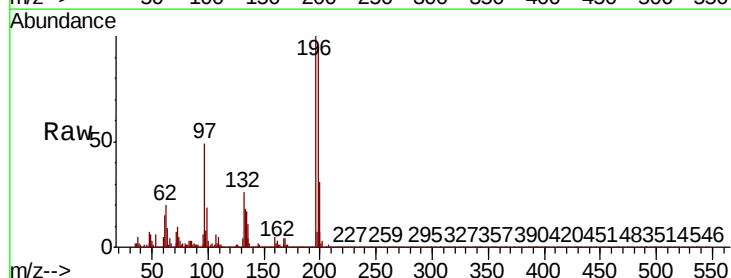
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

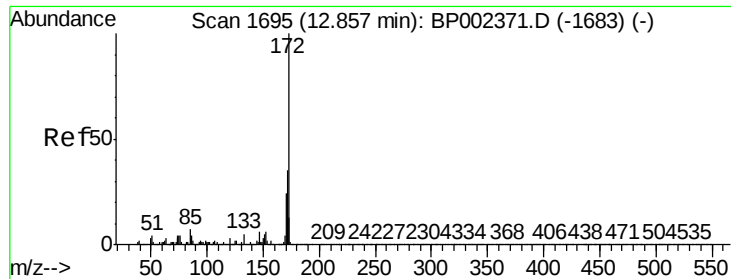
Tot Ion:196 Resp: 349333
Ion Ratio Lower Upper
196 100
198 97.2 76.6 115.0
200 32.1 24.7 37.1



#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

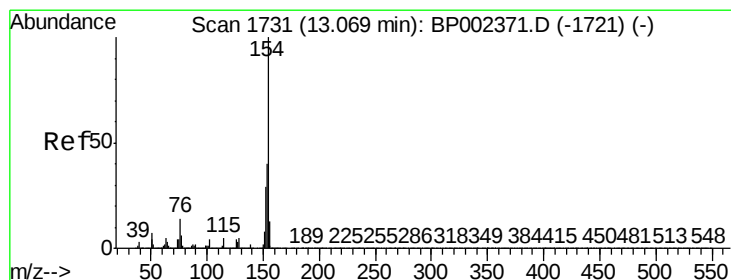
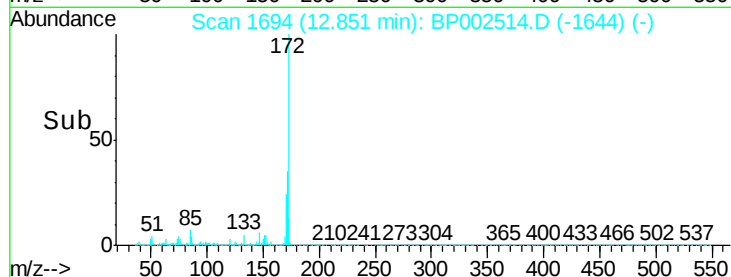
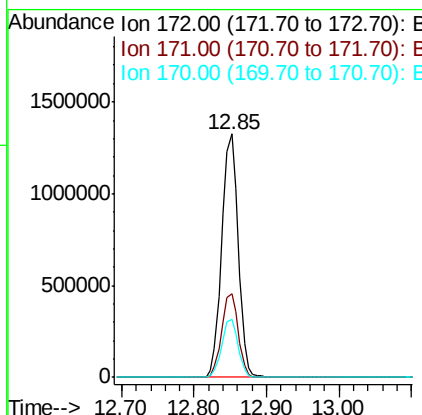
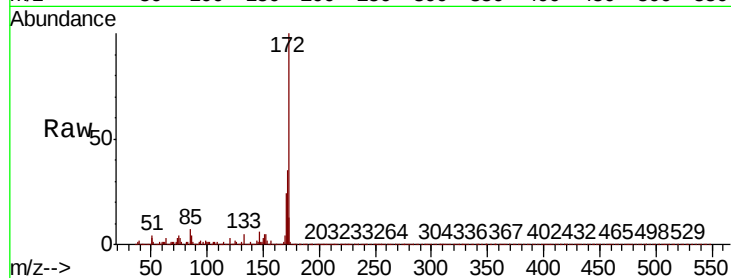




#45
2-Fluorobiphenyl
Concen: 90.875 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

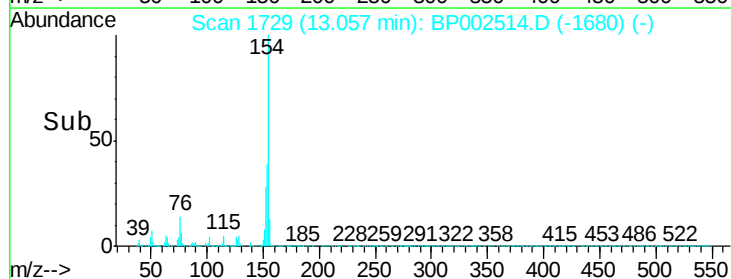
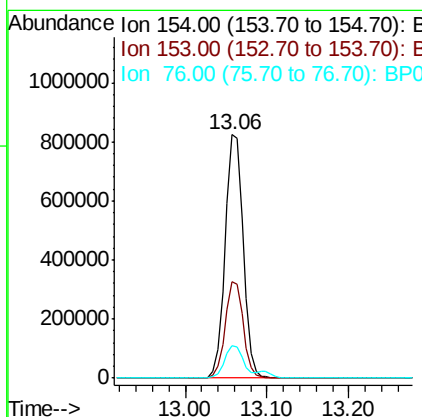
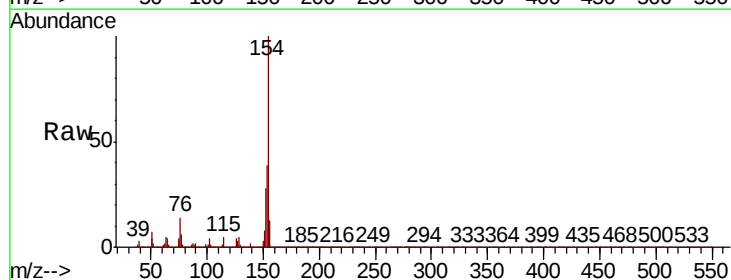
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

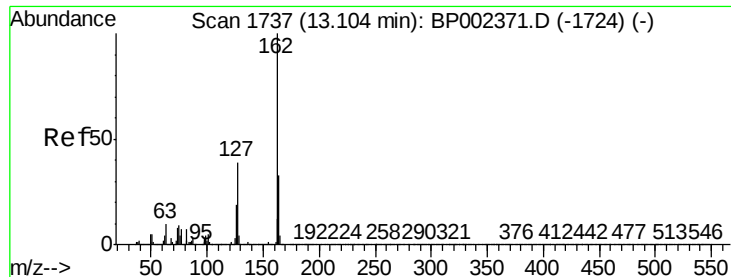
Tot Ion:172 Resp: 2099213
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.8 19.0 28.6



#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

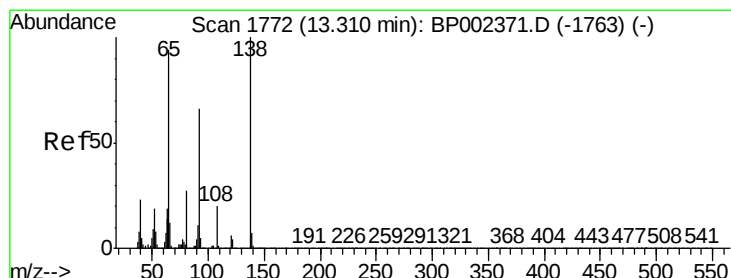
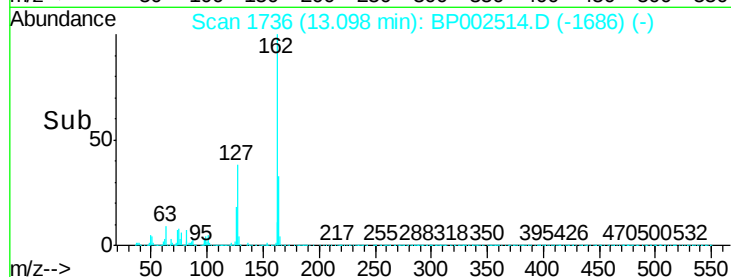
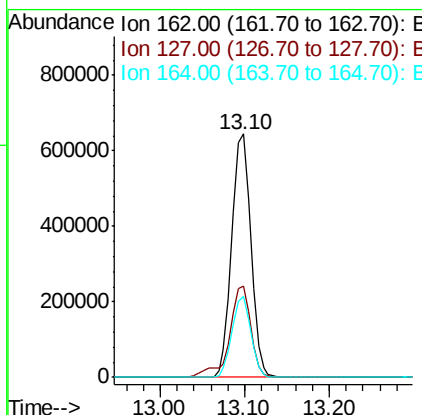
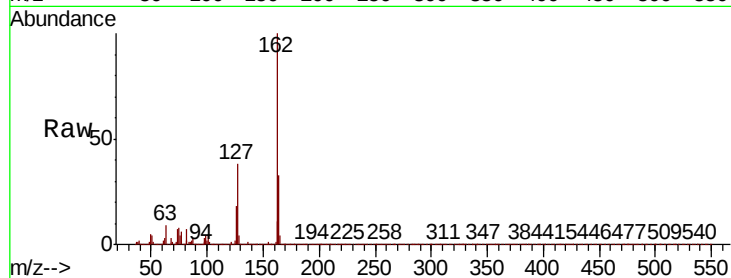




#47
2-Chloronaphthalene
Concen: 48.173 ng
RT: 13.10 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

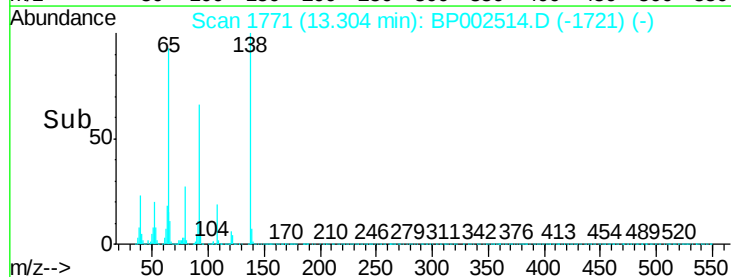
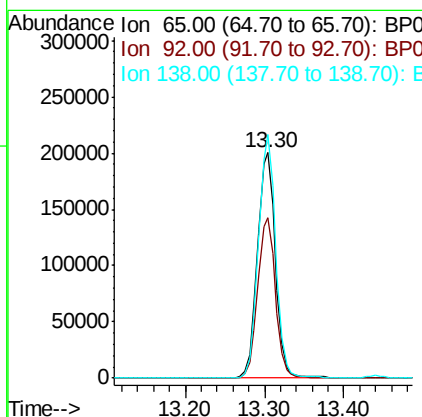
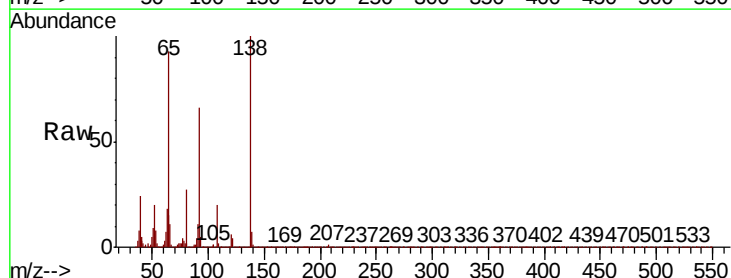
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

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 :

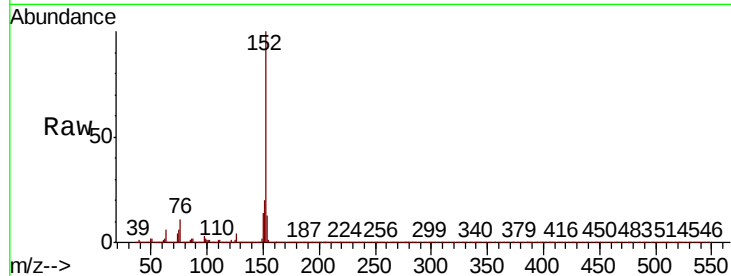
BNA_P

ClientSampleId :

SLUDGE-BOXMS

Tot Ion:152 Resp: 1568093

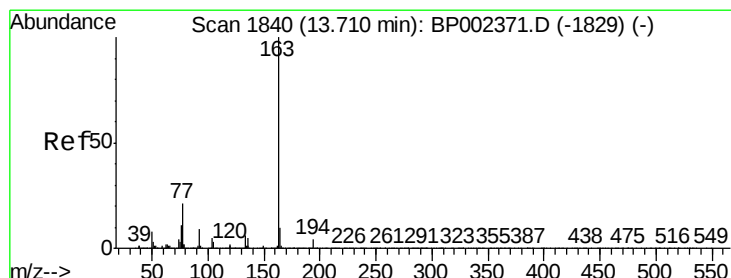
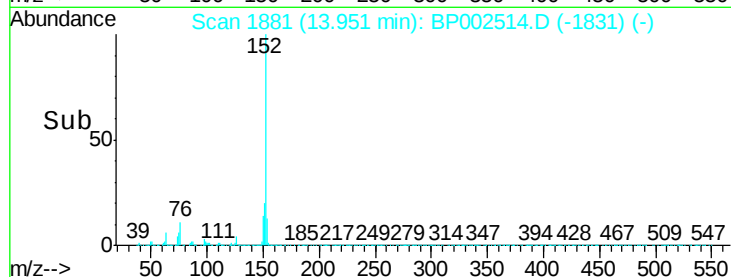
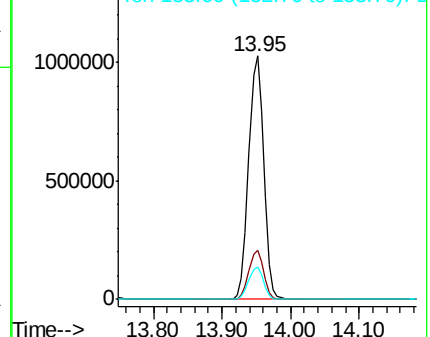
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.1	10.5	15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 58.106 ng

RT: 13.70 min Scan# 1839

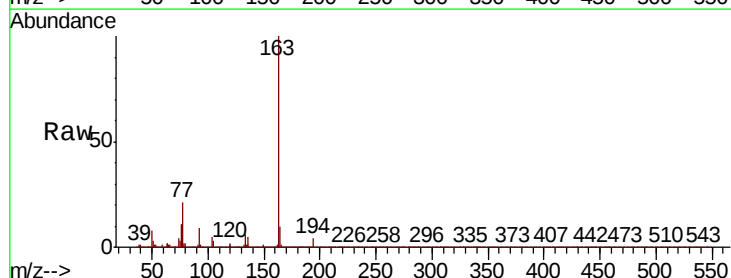
Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Tgt Ion:163 Resp: 1546410

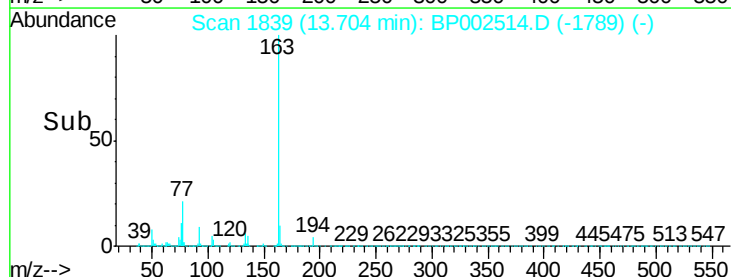
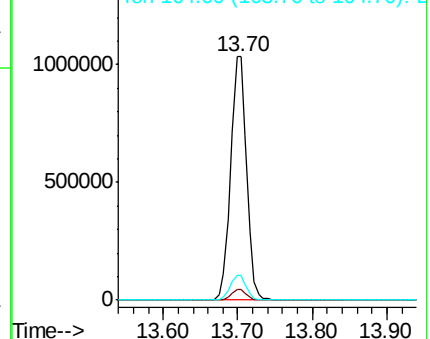
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.1	12.1

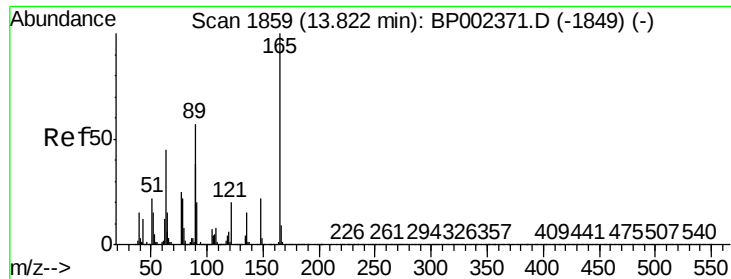


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

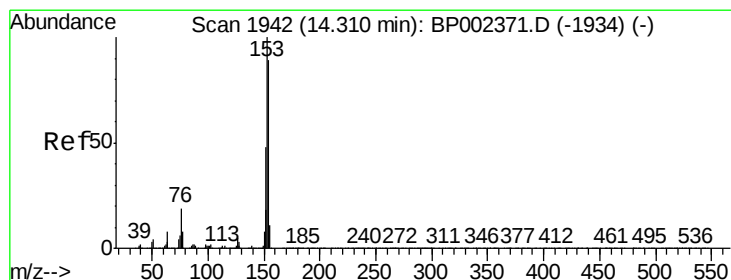
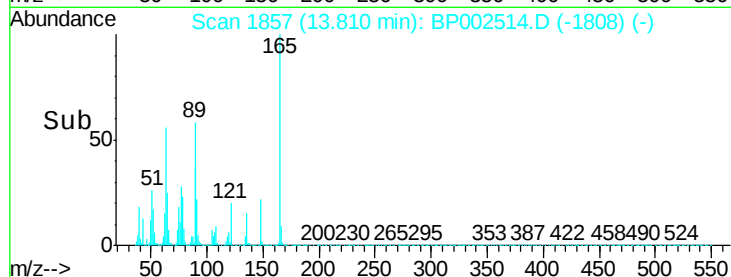
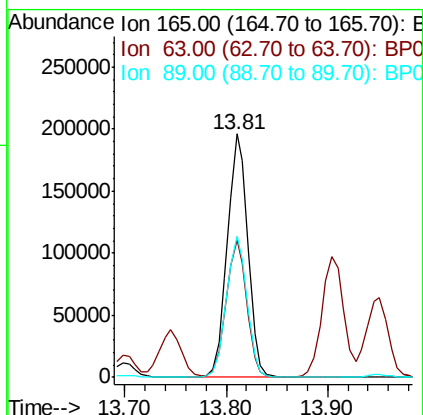
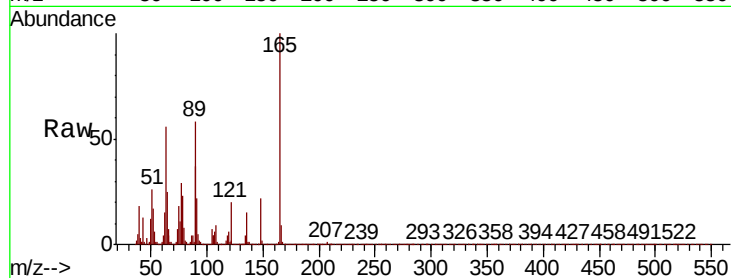




#51
2,6-Dinitrotoluene
Concen: 47.776 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

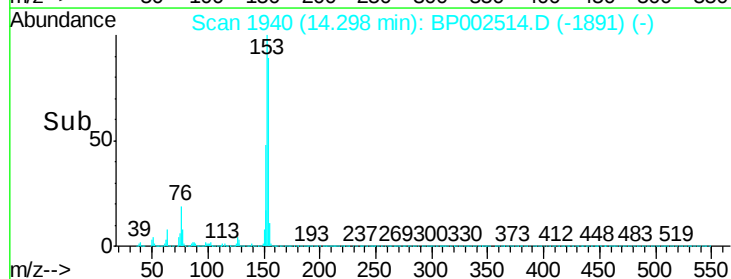
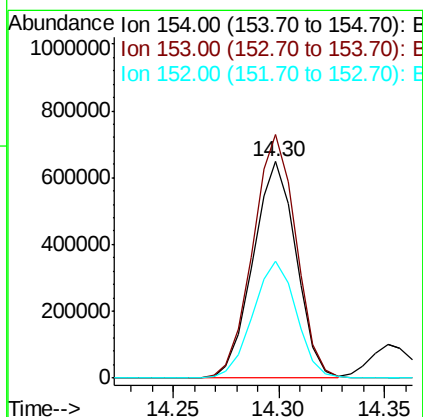
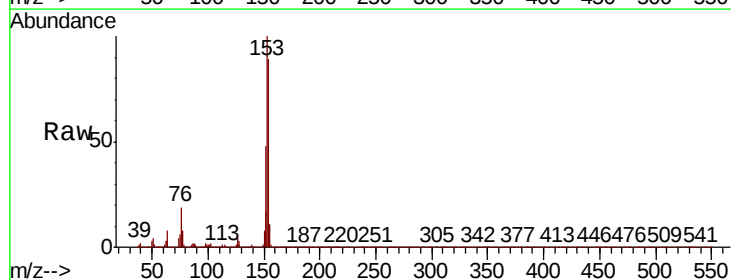
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

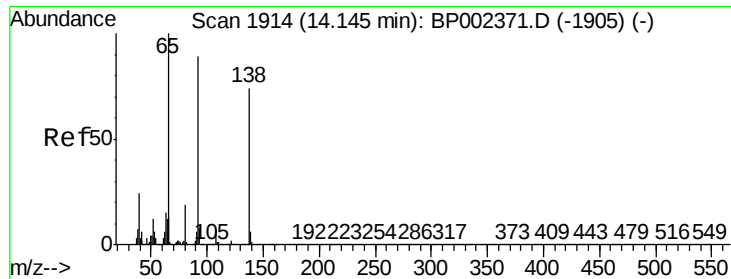
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.4	43.1	64.7
89	57.9	45.3	67.9



#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	Ratio	Lower	Upper
154	100		
153	112.5	89.5	134.3
152	53.8	43.3	64.9

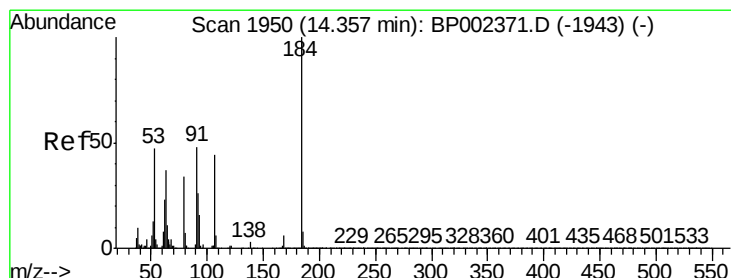
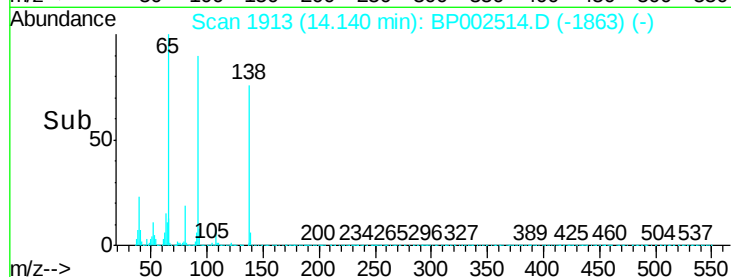
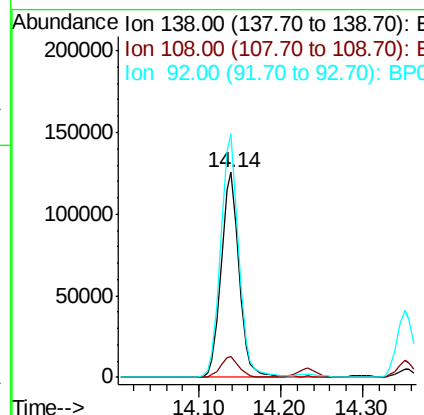
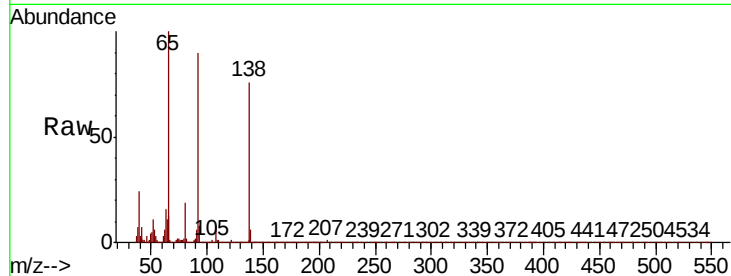




#53
3-Nitroaniline
Concen: 29.219 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

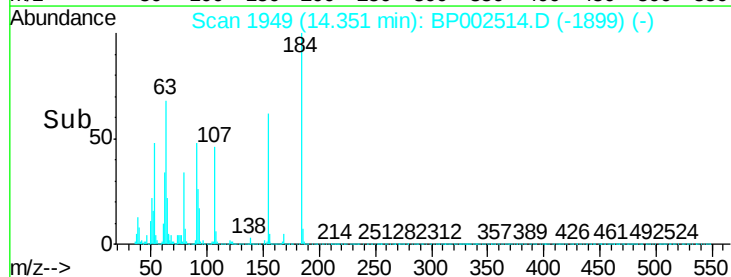
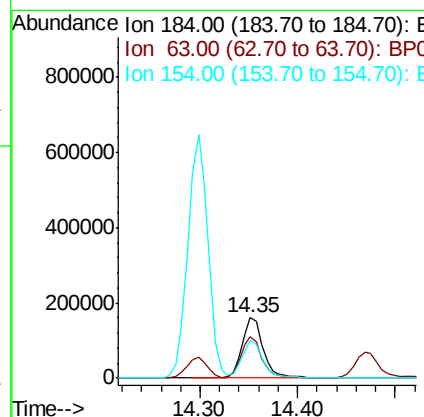
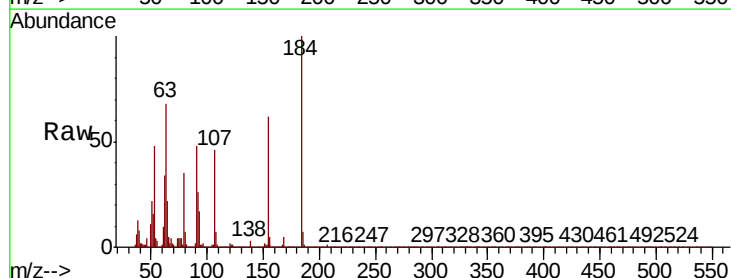
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

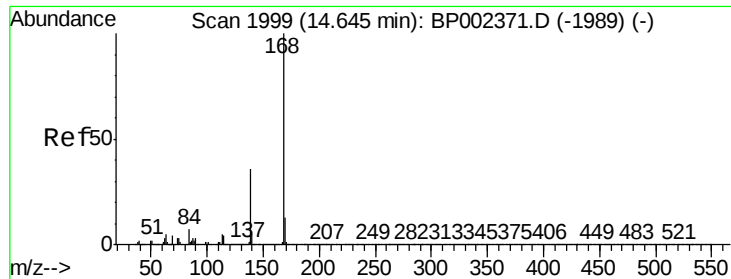
Tot Ion:138 Resp: 192838
Ion Ratio Lower Upper
138 100
108 10.5 8.0 12.0
92 118.9 96.2 144.2



#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

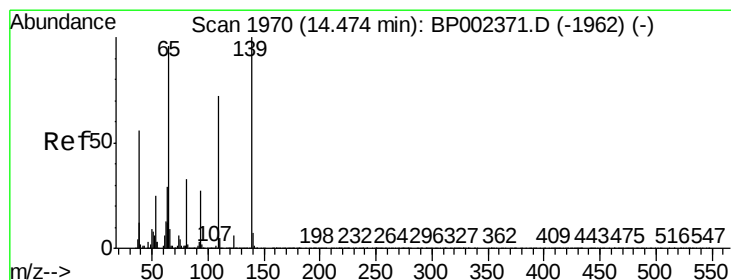
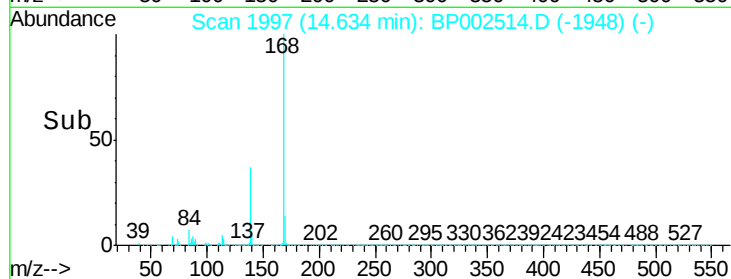
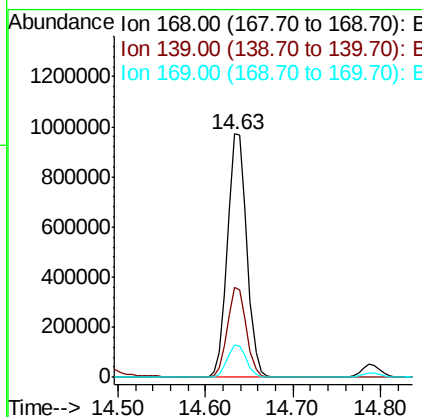
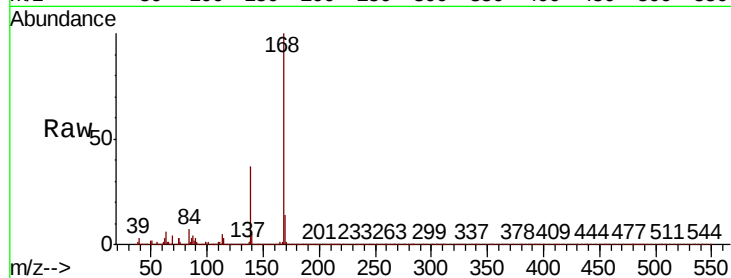




#55
Dibenzenofuran
Concen: 47.192 ng
RT: 14.63 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

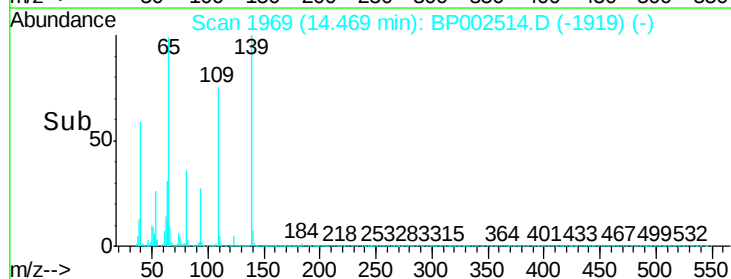
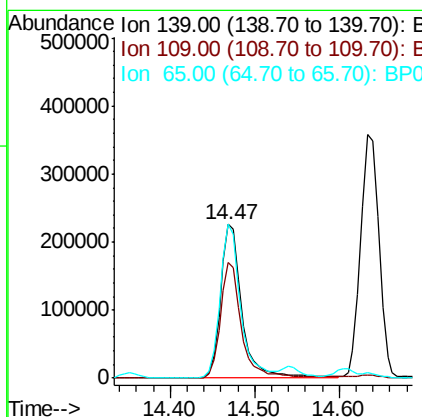
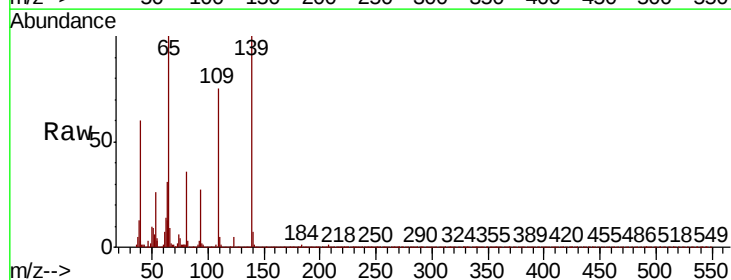
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

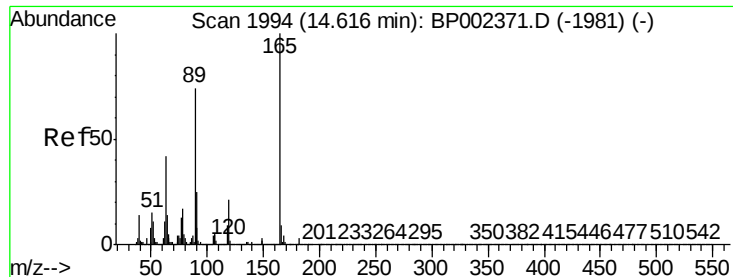
Tot Ion:168 Resp: 1479251
Ion Ratio Lower Upper
168 100
139 36.8 28.9 43.3
169 13.5 10.6 15.8



#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

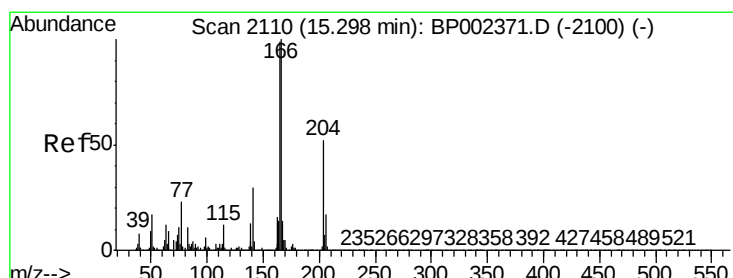
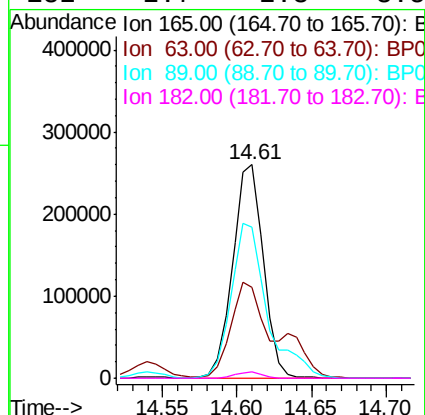
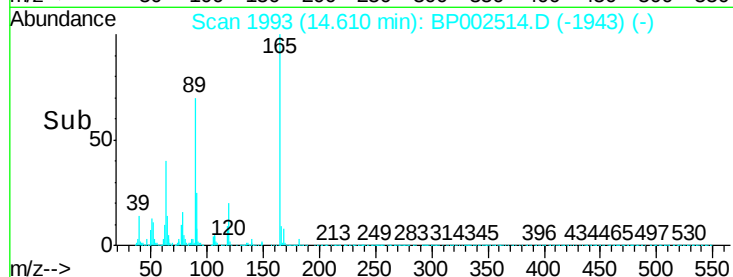
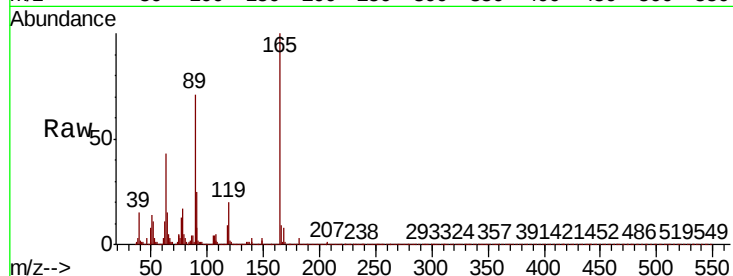




#57
2,4-Dinitrotoluene
Concen: 47.383 ng
RT: 14.61 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

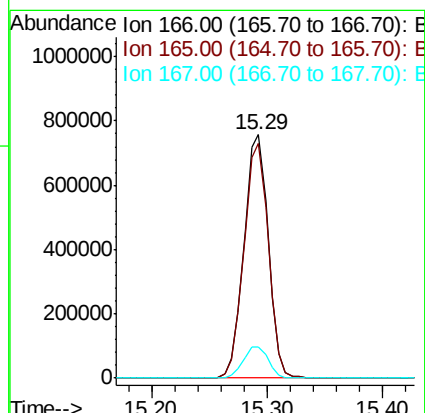
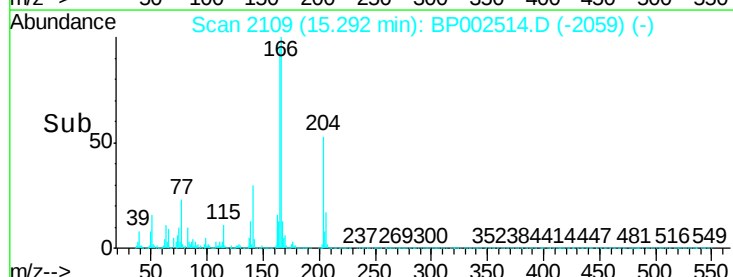
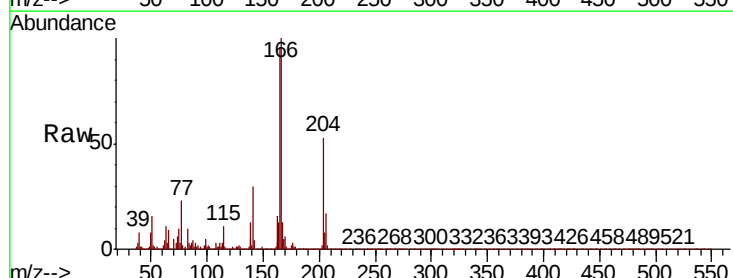
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

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

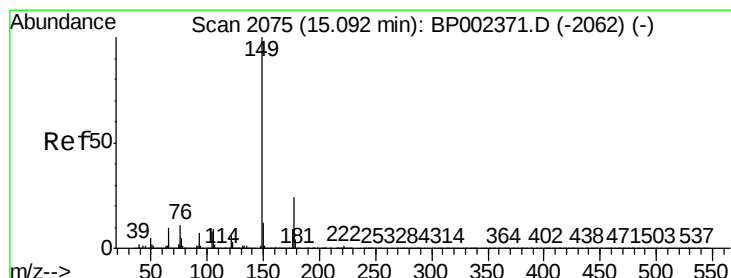
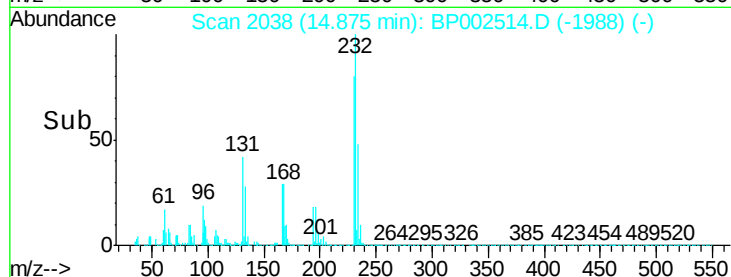
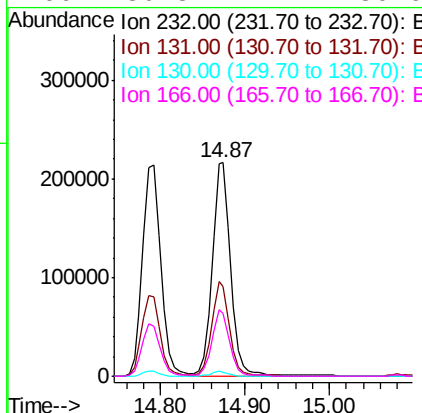
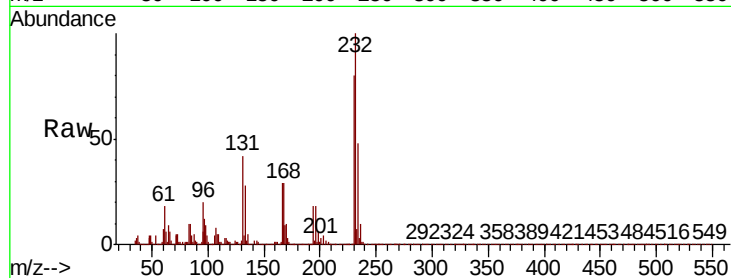




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.879 ng
RT: 14.87 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

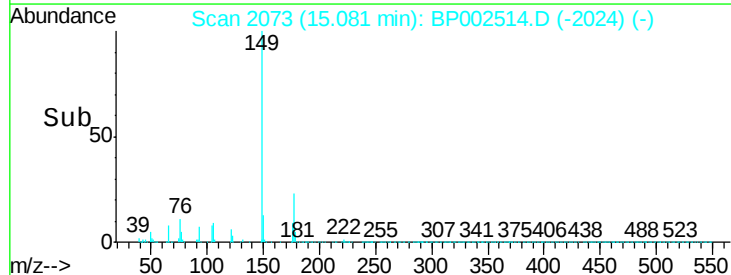
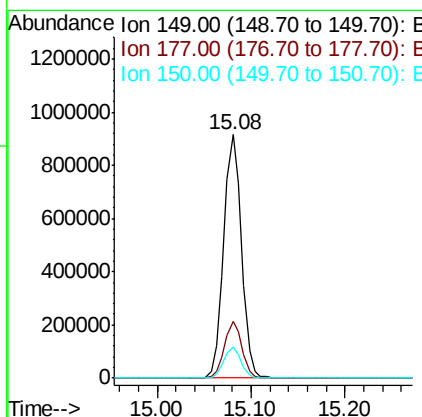
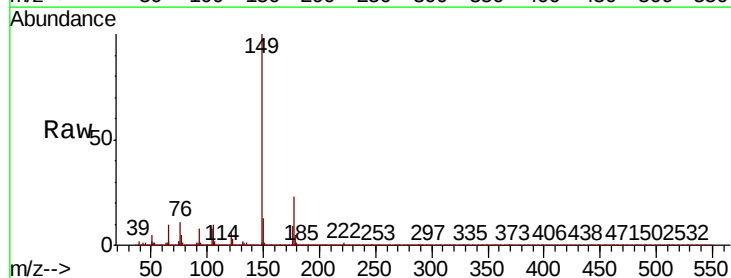
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

Tot Ion	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



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

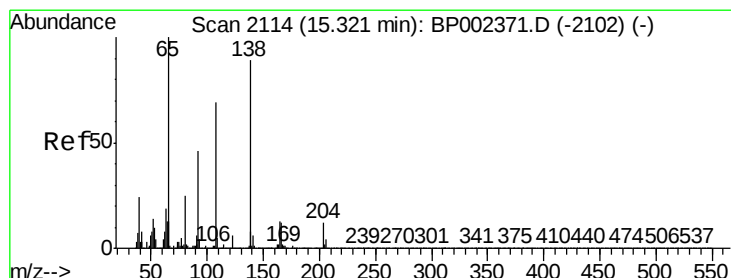
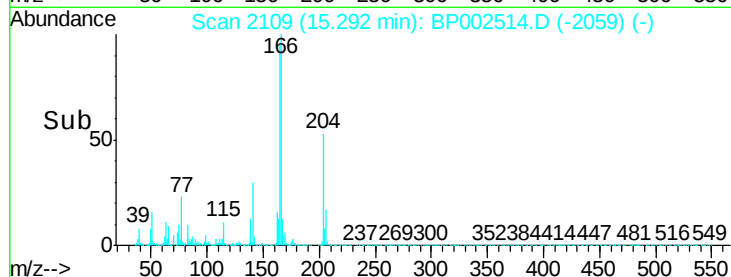
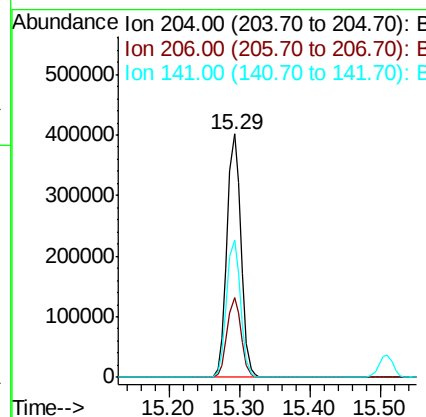
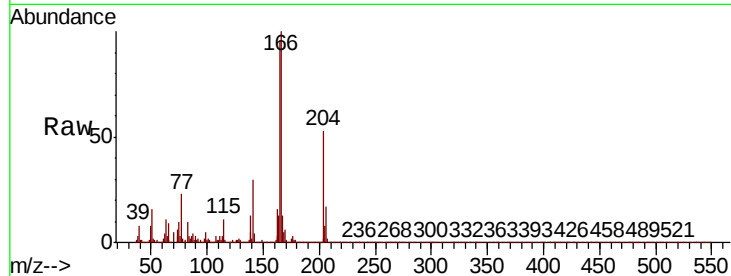




#61
4-Chlorophenyl-phenylether
Concen: 46.899 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

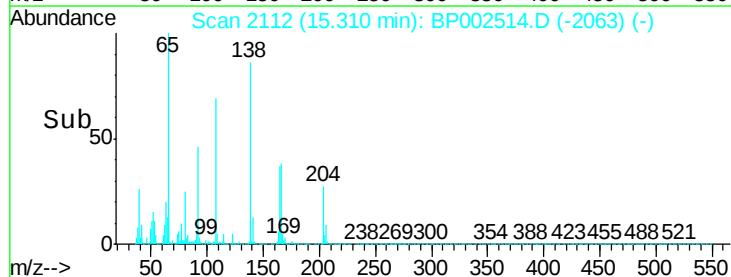
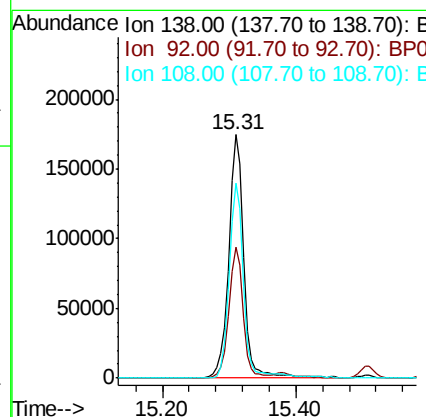
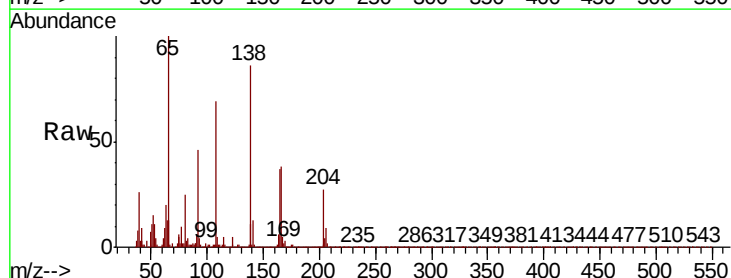
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

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

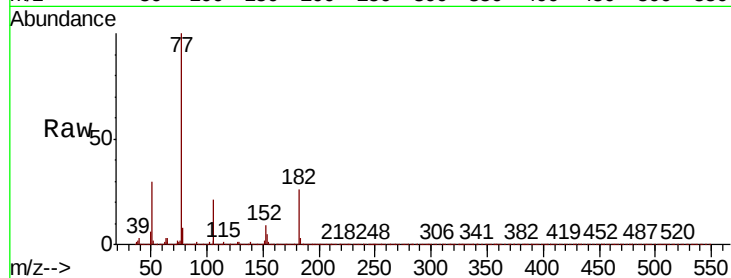




#63
Azobenzene
Concen: 46.839 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

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

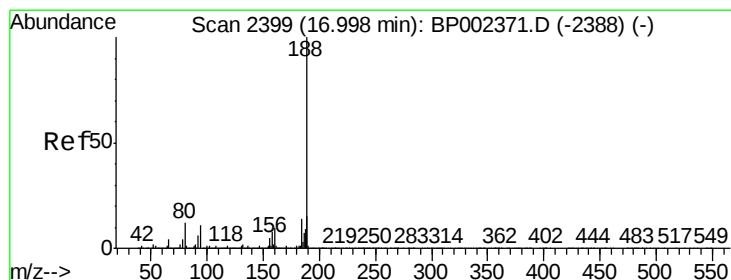
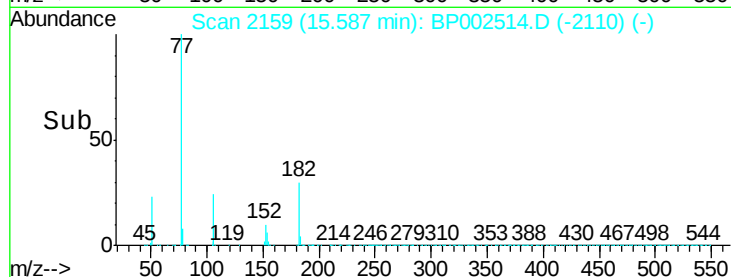
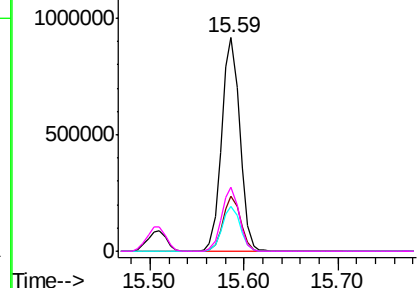


Abundance Ion 77.00 (76.70 to 77.70): BP002514.D (-2110) (-)

Ion 182.00 (181.70 to 182.70): BP002514.D (-2110) (-)

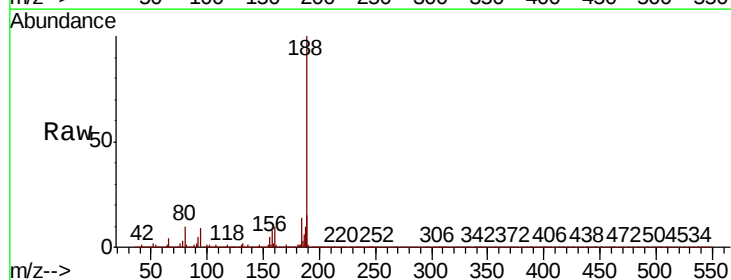
Ion 105.00 (104.70 to 105.70): BP002514.D (-2110) (-)

Ion 51.00 (50.70 to 51.70): BP002514.D (-2110) (-)



#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

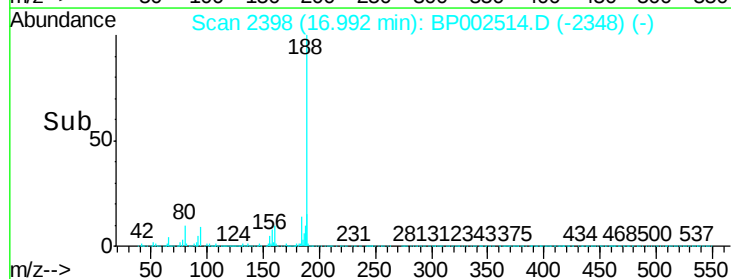
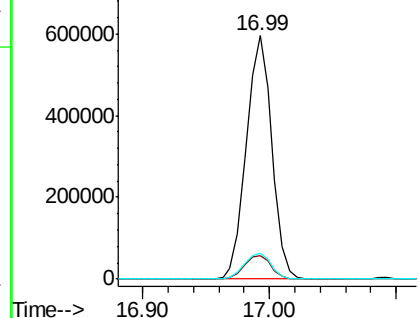
Tgt Ion:	188	Resp:	830495
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.4	9.4	14.0

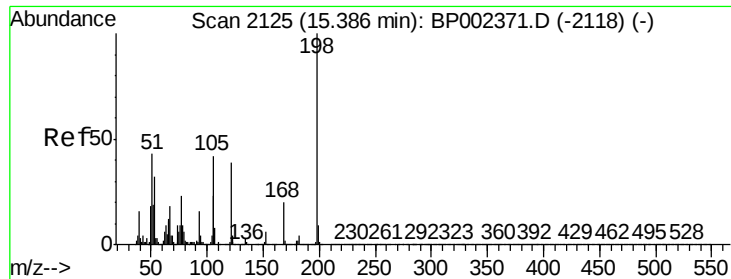


Abundance Ion 188.00 (187.70 to 188.70): BP002514.D (-2348) (-)

Ion 94.00 (93.70 to 94.70): BP002514.D (-2348) (-)

Ion 80.00 (79.70 to 80.70): BP002514.D (-2348) (-)

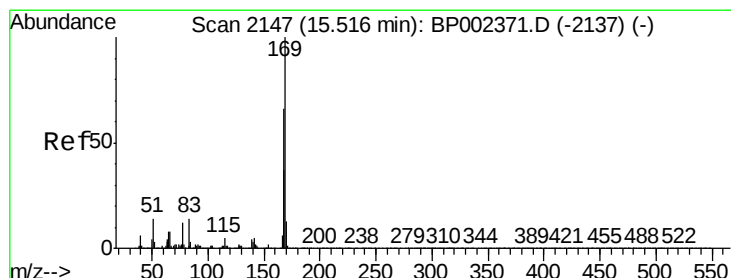
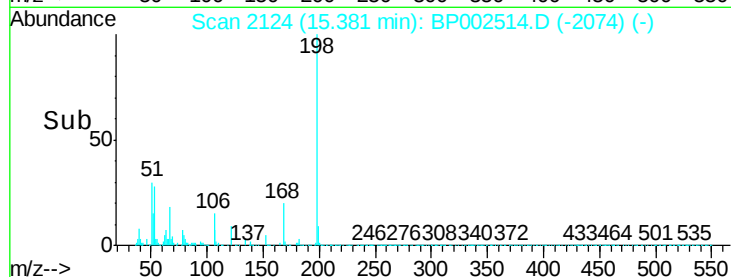
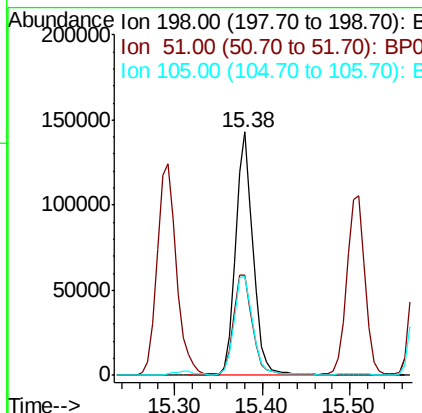
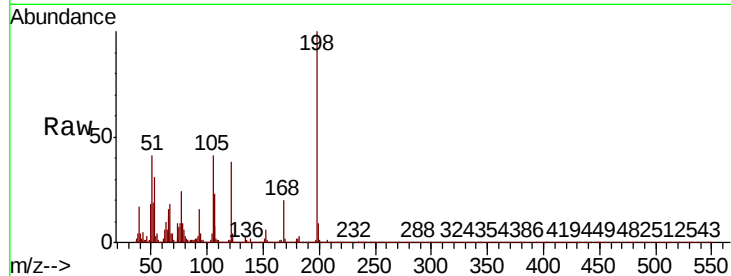




#65
4,6-Dinitro-2-methylphenol
Concen: 43.909 ng
RT: 15.38 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

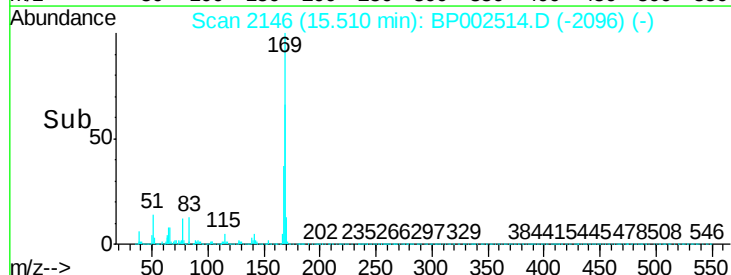
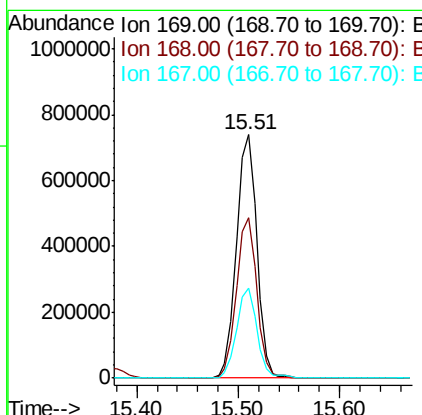
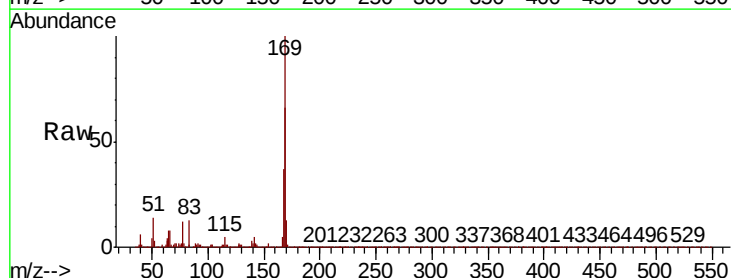
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

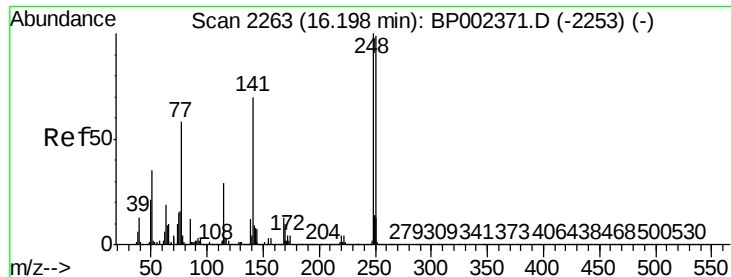
Tot Ion:198 Resp: 192427
Ion Ratio Lower Upper
198 100
51 41.1 23.4 63.4
105 40.6 22.5 62.5



#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:169 Resp: 1034419
Ion Ratio Lower Upper
169 100
168 66.0 52.8 79.2
167 36.8 29.4 44.0

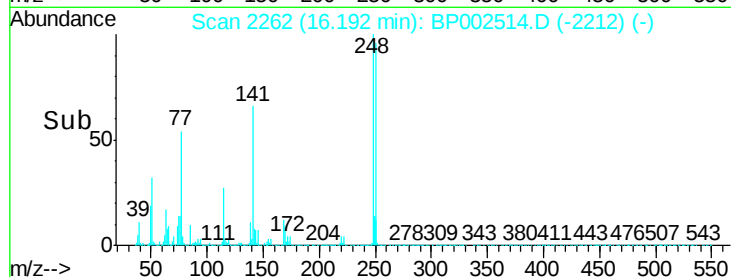
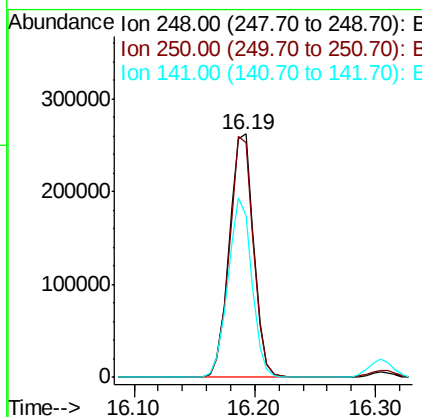
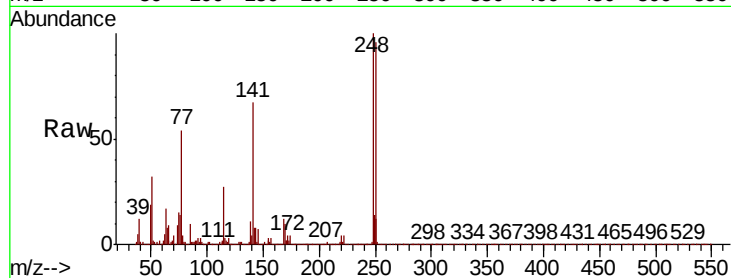




#67
4-Bromophenyl-phenylether
Concen: 46.663 ng
RT: 16.19 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

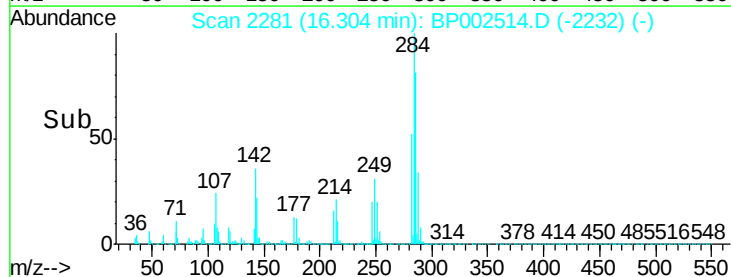
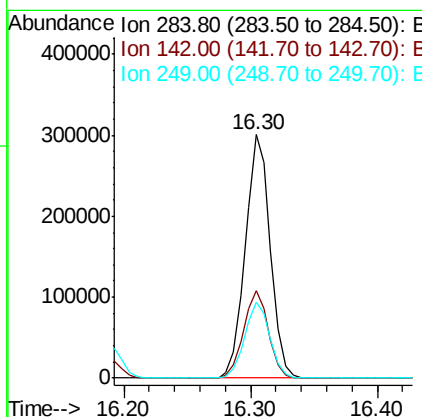
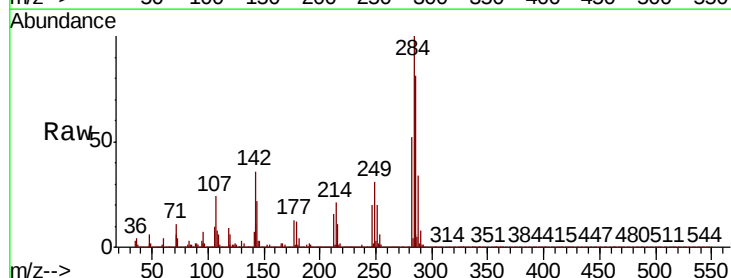
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

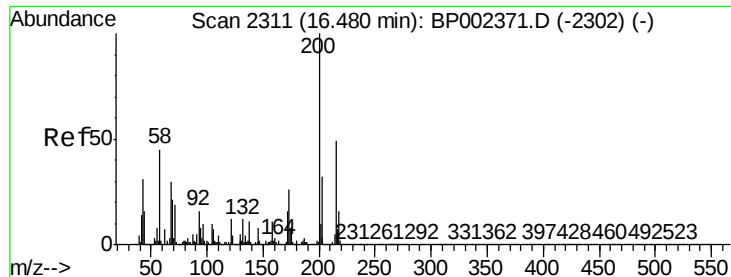
Tot Ion:248 Resp: 367112
Ion Ratio Lower Upper
248 100
250 96.4 79.3 118.9
141 66.6 55.7 83.5



#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

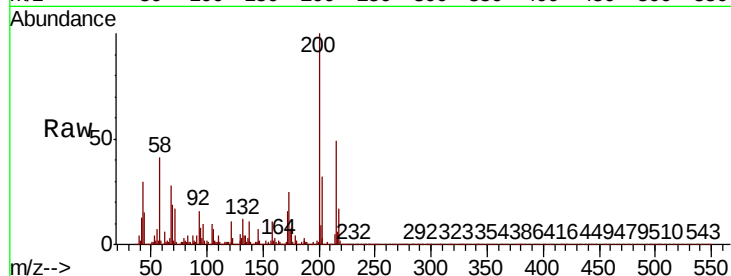
Tot Ion:200 Resp: 342895

Ion Ratio Lower Upper

200 100

173 25.4 6.4 46.4

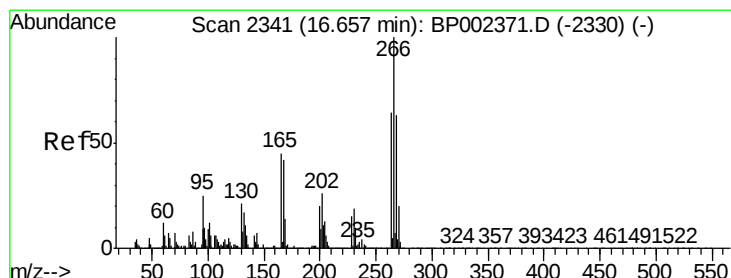
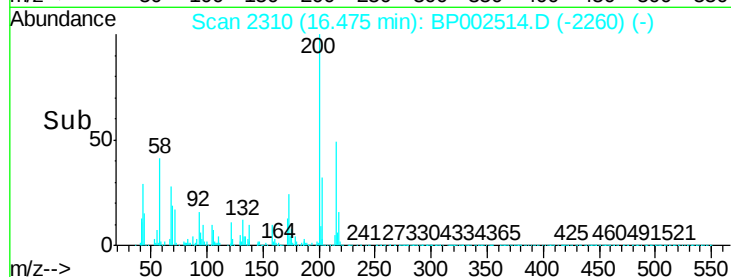
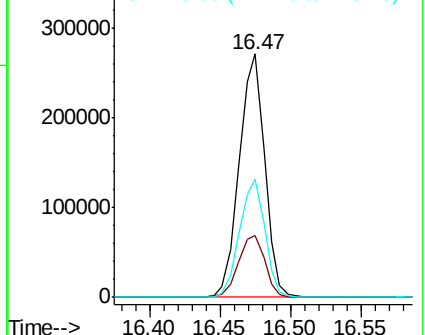
215 48.6 29.3 69.3



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

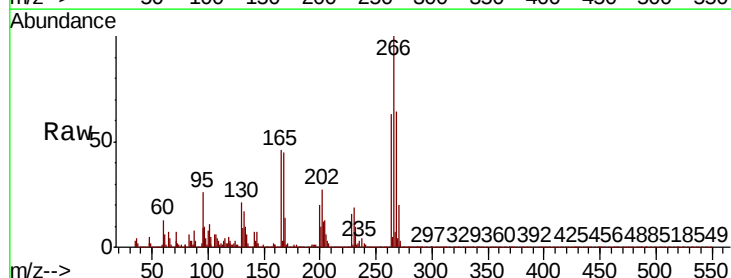
Tgt Ion:266 Resp: 495152

Ion Ratio Lower Upper

266 100

268 63.7 50.5 75.7

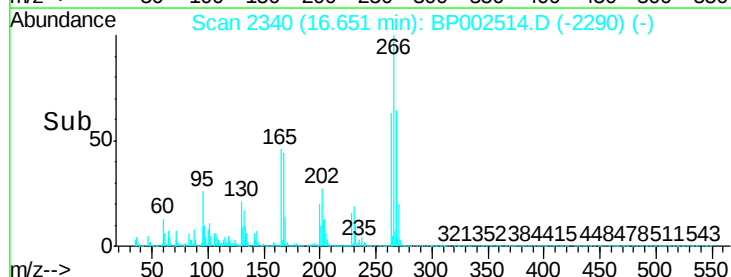
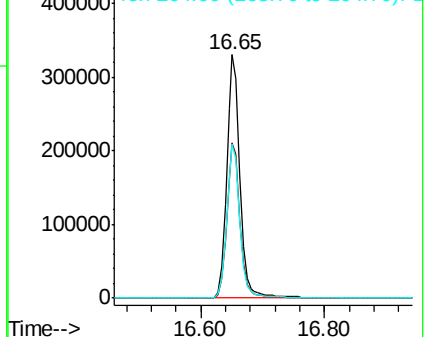
264 63.2 51.4 77.0

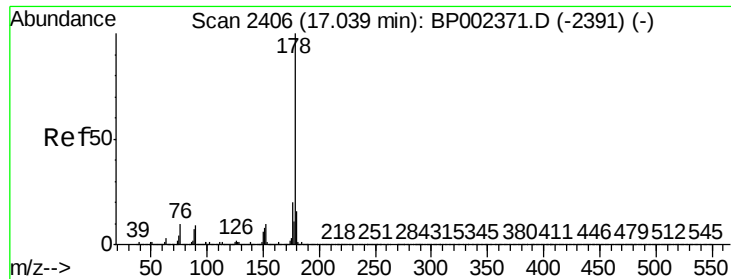


Abundance Ion 265.70 (265.40 to 266.40): E

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 :

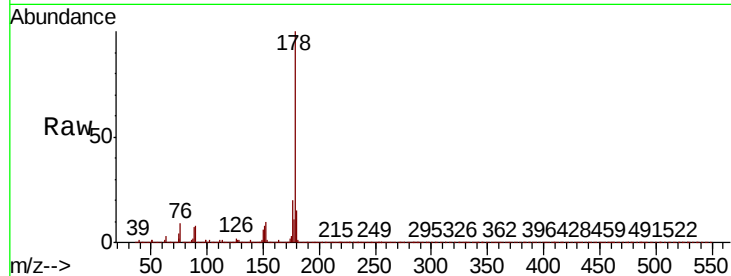
BNA_P

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

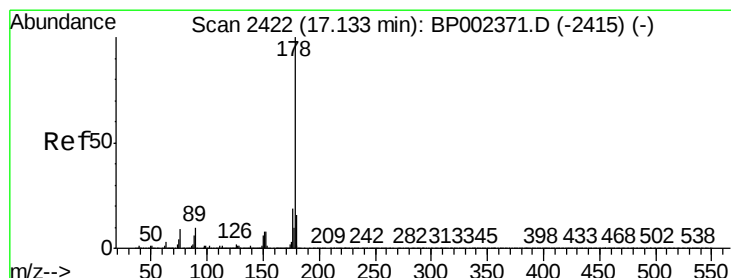
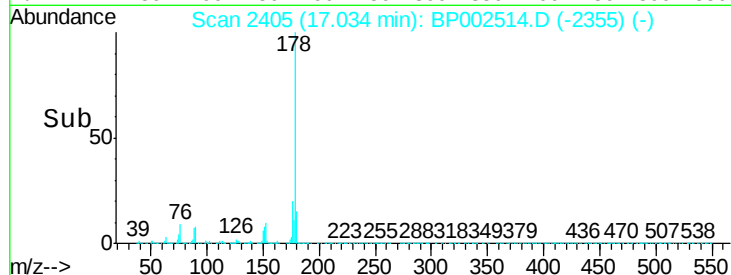
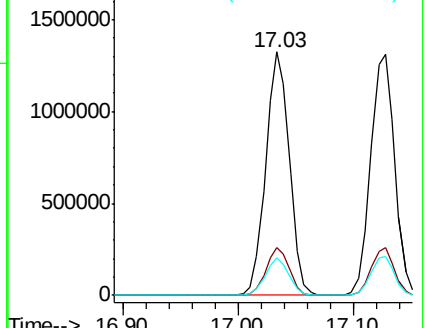


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.776 ng

RT: 17.13 min Scan# 2421

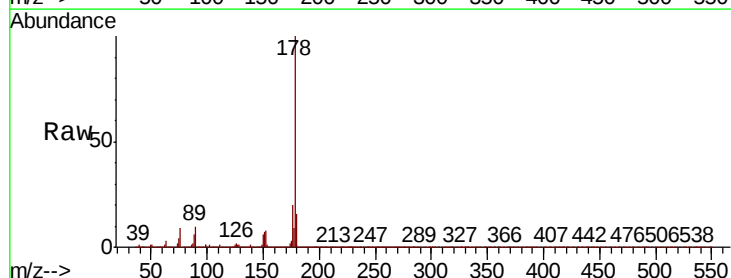
Delta R.T. -0.01 min

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

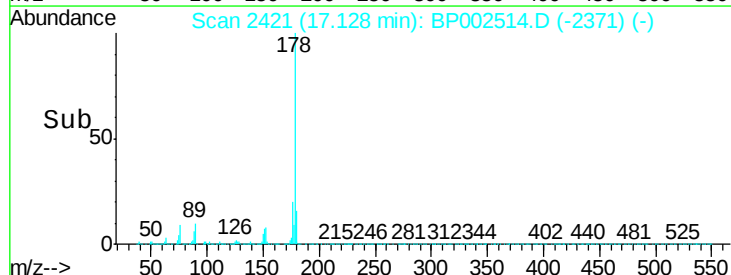
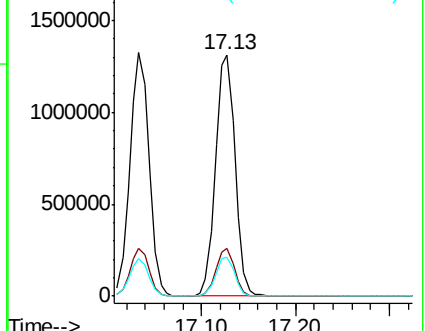


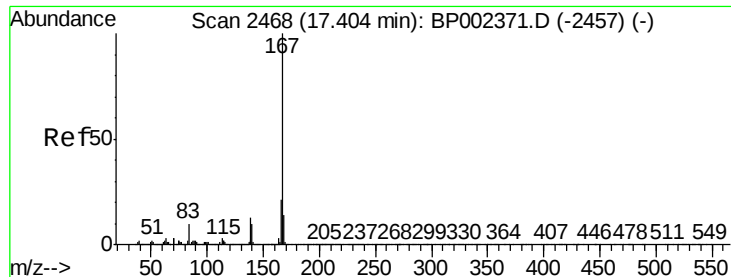
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 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 :

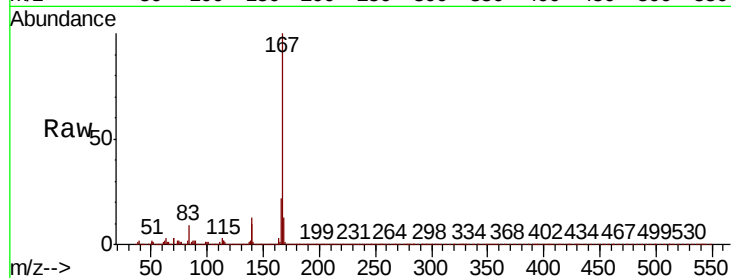
BNA_P

ClientSampleId :

SLUDGE-BOXMS

Tot Ion:167 Resp: 1810581

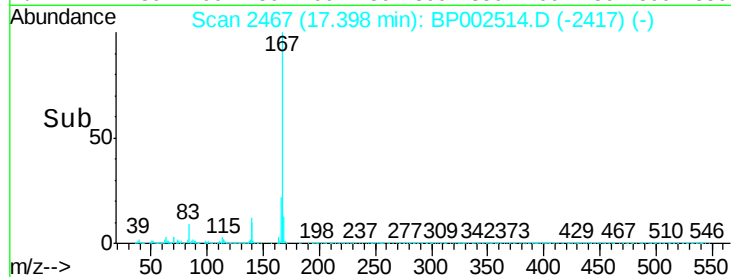
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	12.6	10.3	15.5



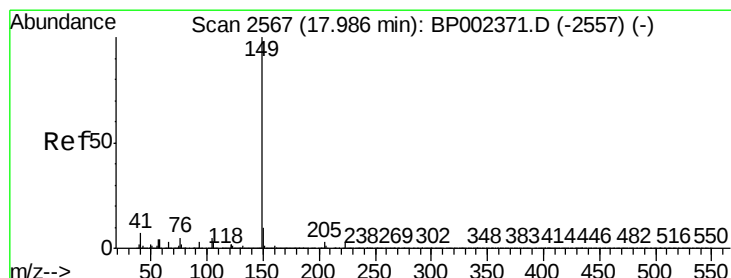
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 48.573 ng

RT: 17.98 min Scan# 2566

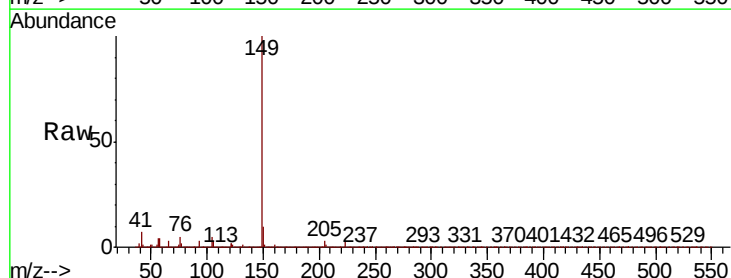
Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Tgt Ion:149 Resp: 2182293

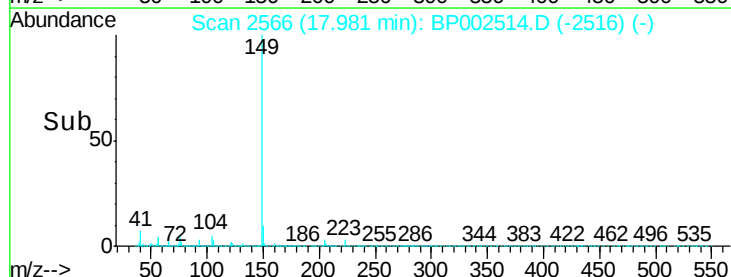
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.2	4.3	6.5



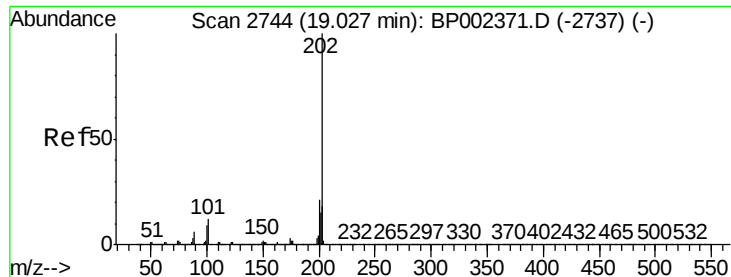
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#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 :

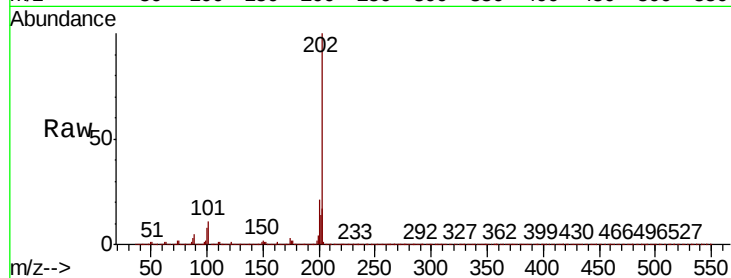
BNA_P

ClientSampleId :

SLUDGE-BOXMS

Tot Ion:202 Resp: 2345005

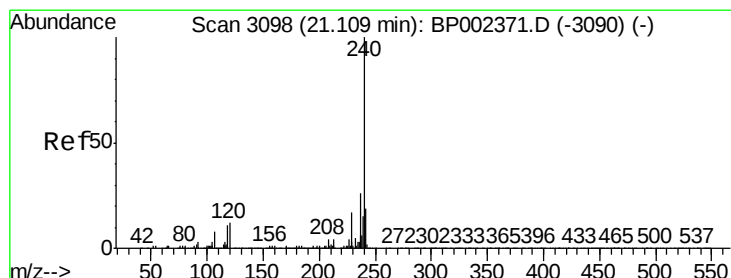
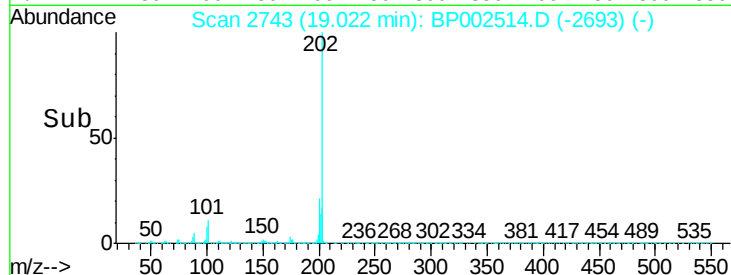
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.8
203	17.1	0.0	38.0



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

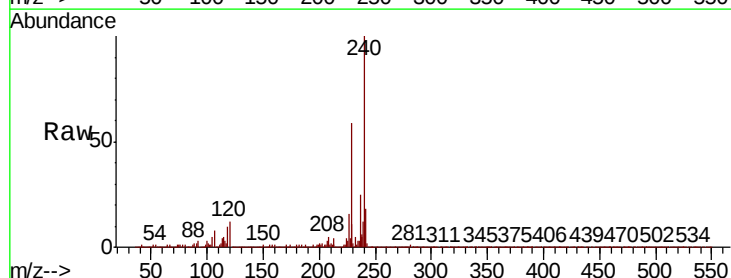
Delta R.T. -0.01 min

Lab File: BP002514.D

Acq: 23 Jun 2020 22:43

Tgt Ion:240 Resp: 839301

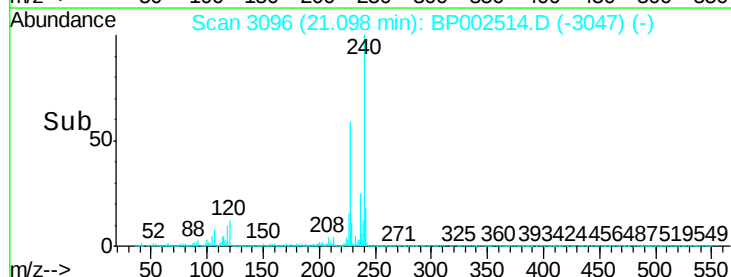
Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.3	13.9
236	25.5	21.0	31.6

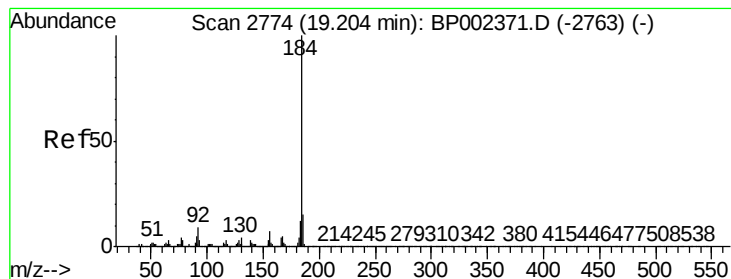


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

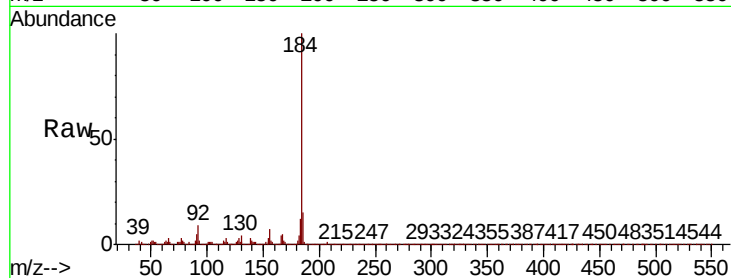
BNA_P

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

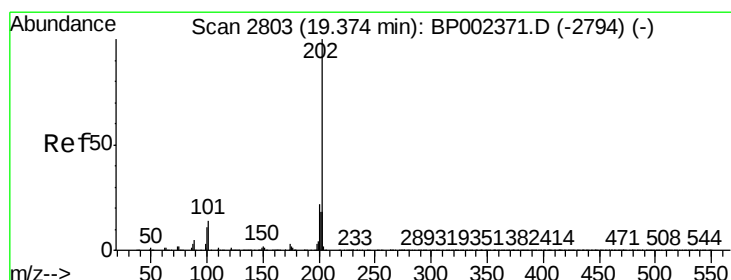
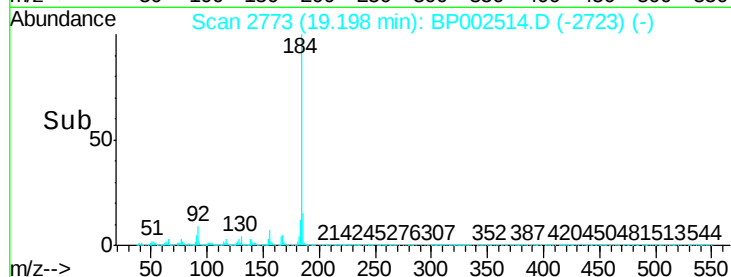
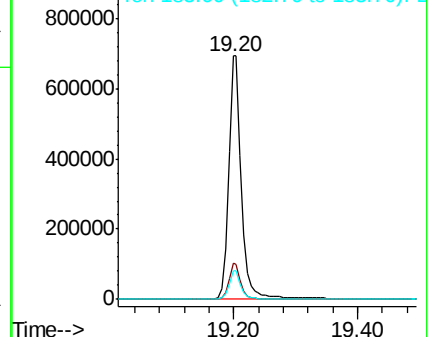


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.008 ng

RT: 19.37 min Scan# 2802

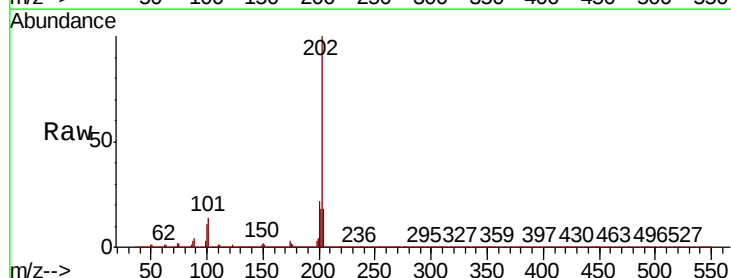
Delta R.T. -0.01 min

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

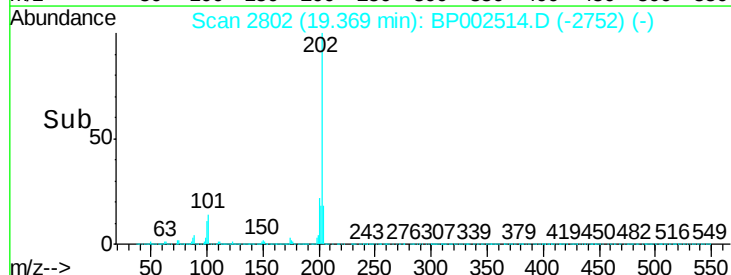
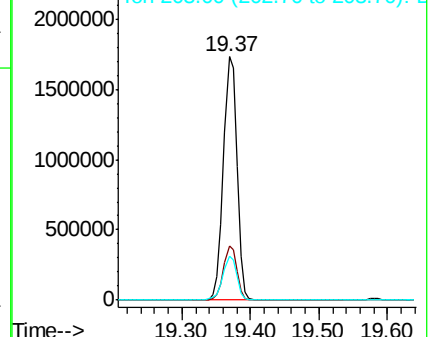


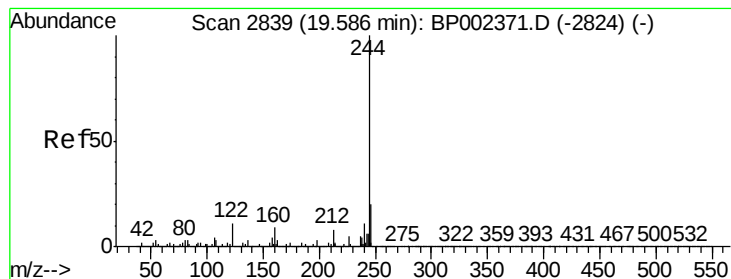
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 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

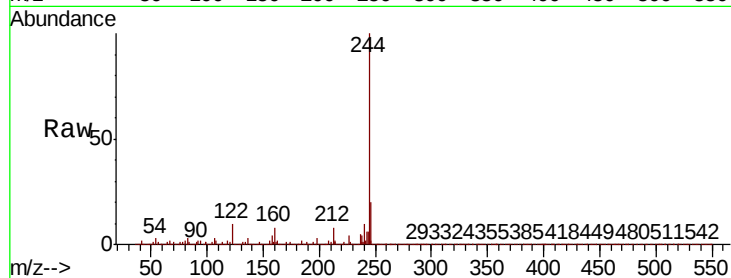
Tot Ion:244 Resp: 3079153

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

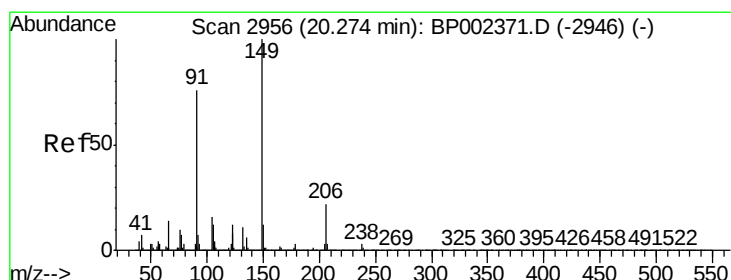
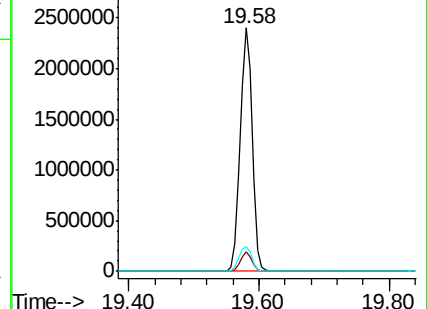
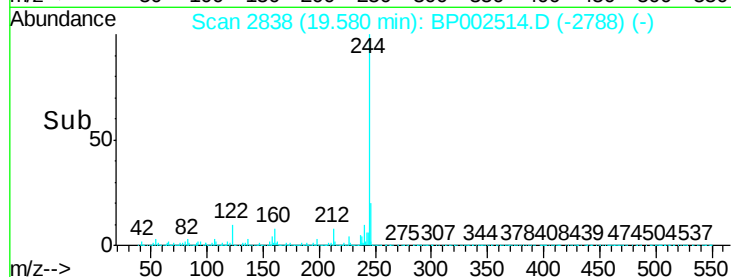
122 10.1 8.8 13.2



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

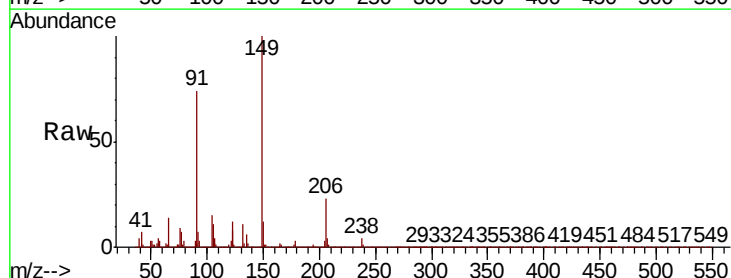
Tgt Ion:149 Resp: 1027458

Ion Ratio Lower Upper

149 100

91 74.3 61.2 91.8

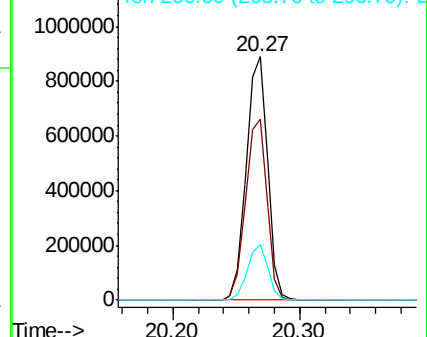
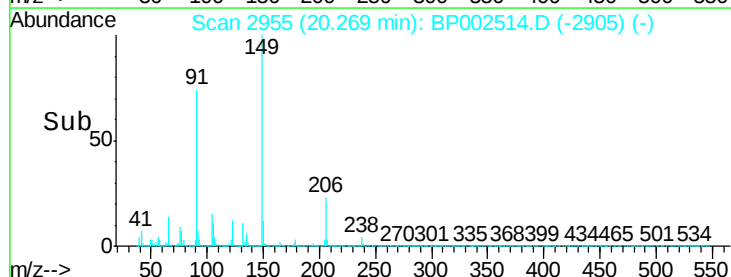
206 22.8 17.8 26.6

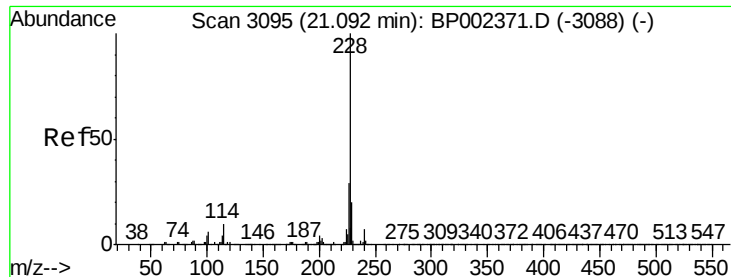


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

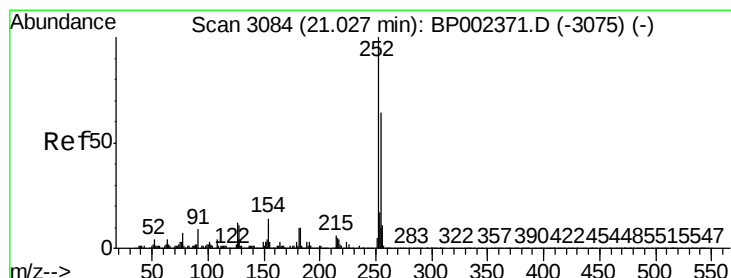
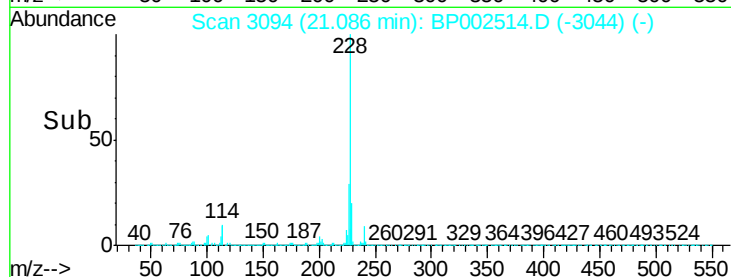
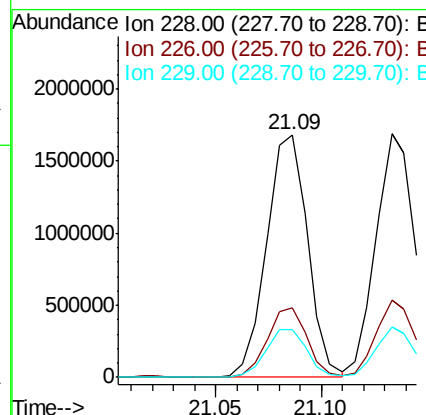
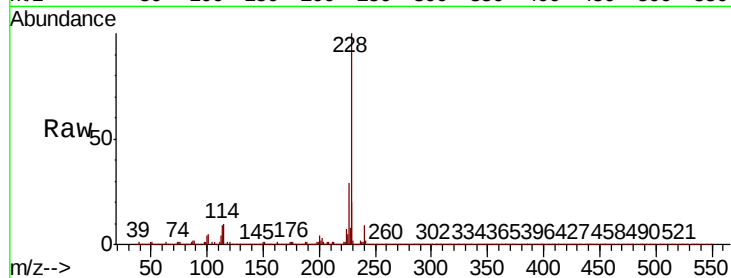




#81
Benzo(a)anthracene
Concen: 47.532 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002514.D
Acq: 23 Jun 2020 22:43

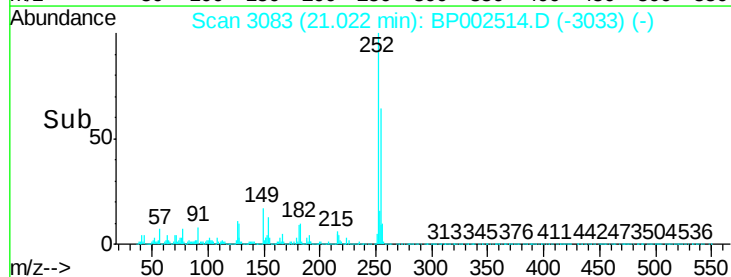
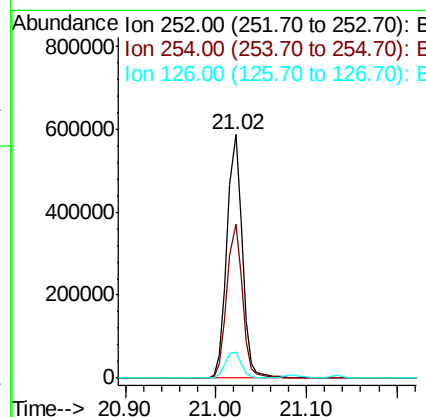
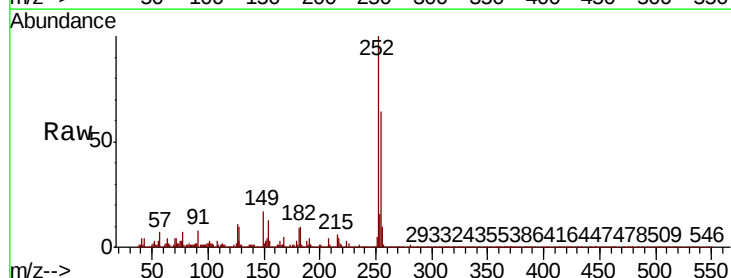
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMS

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

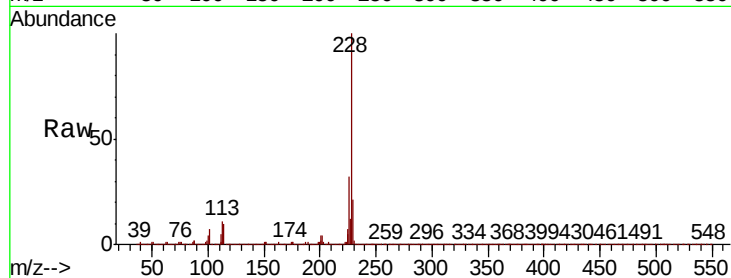
Tot Ion:228 Resp: 2176162

Ion Ratio Lower Upper

228 100

226 31.7 25.2 37.8

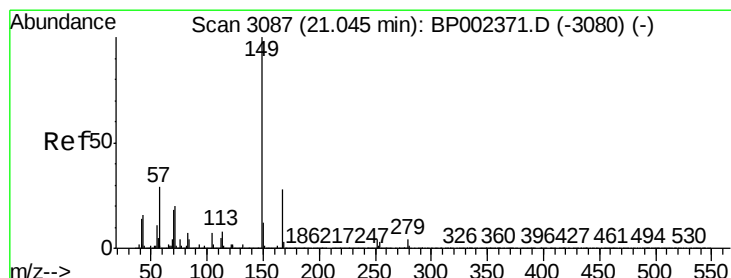
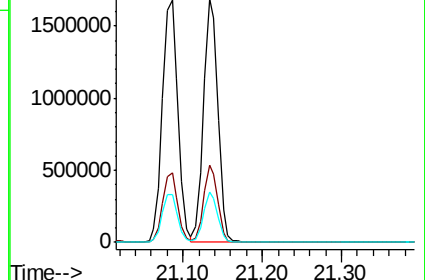
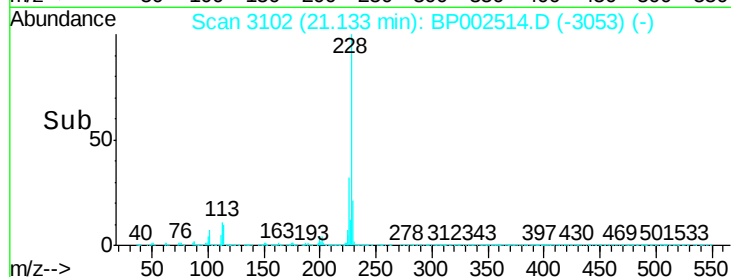
229 20.7 16.1 24.1



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



#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

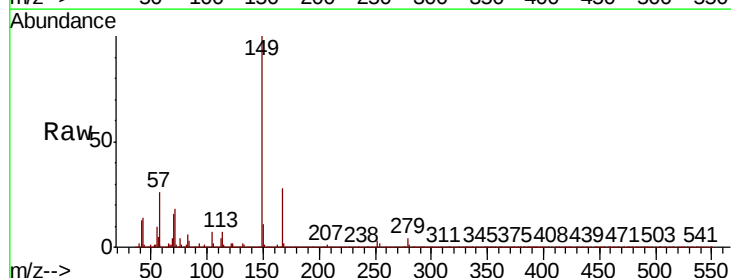
Tgt Ion:149 Resp: 1503078

Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

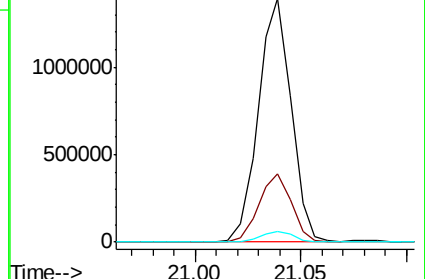
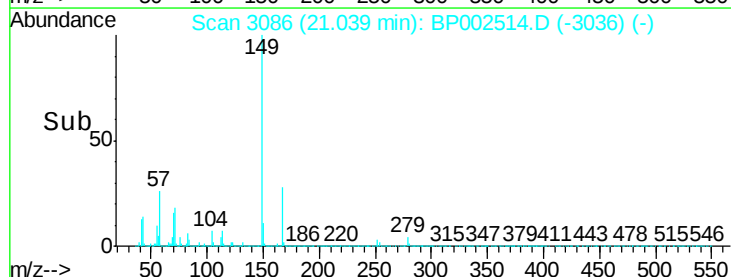
279 4.4 3.2 4.8

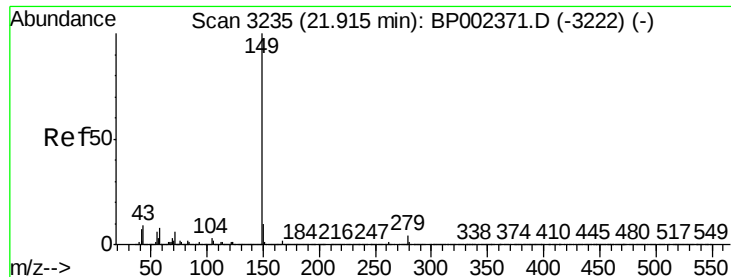


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#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

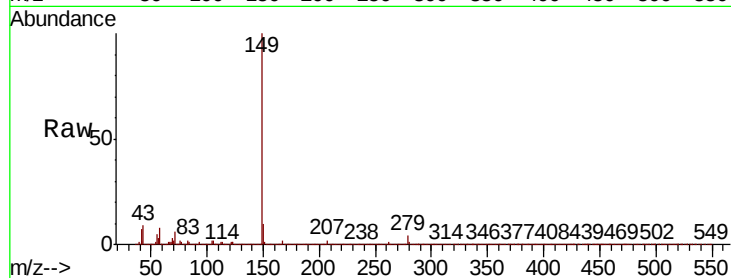
Tot Ion:149 Resp: 2664761

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

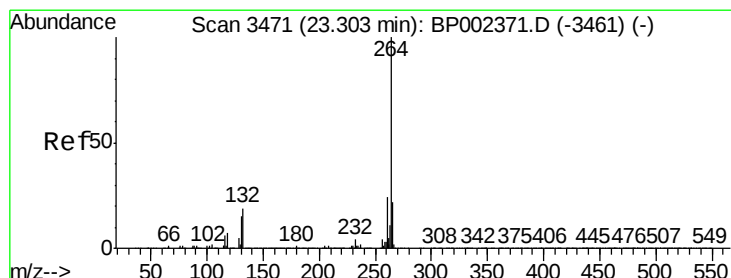
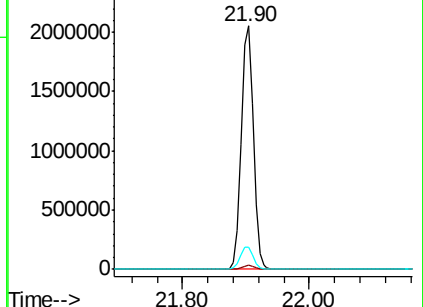
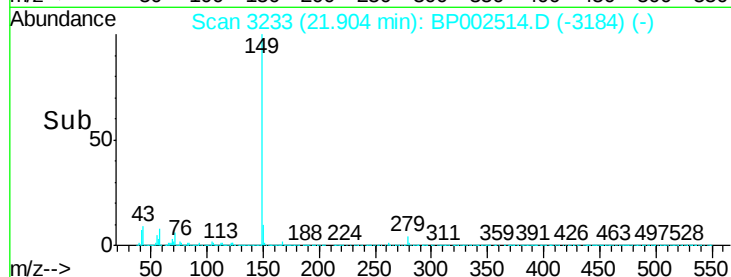
43 9.5 7.8 11.6



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

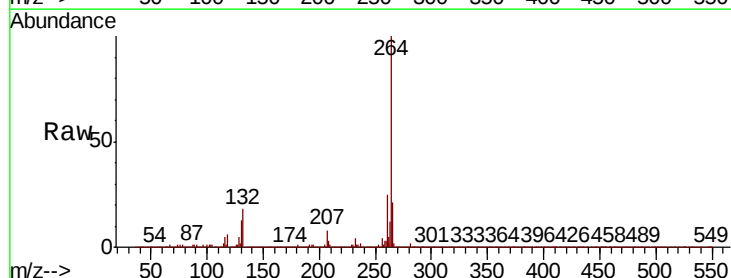
Tgt Ion:264 Resp: 941082

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.0

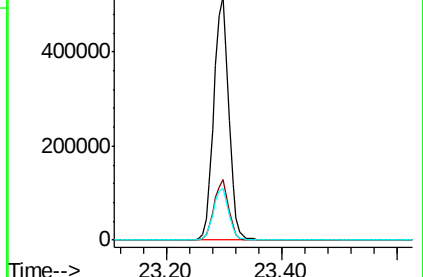
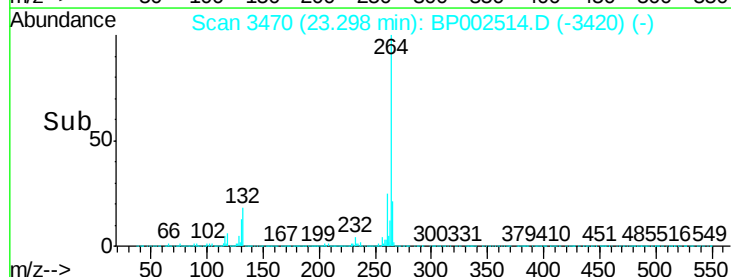
265 21.3 17.4 26.2

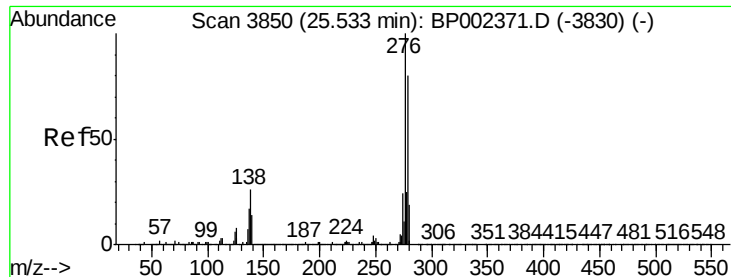


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

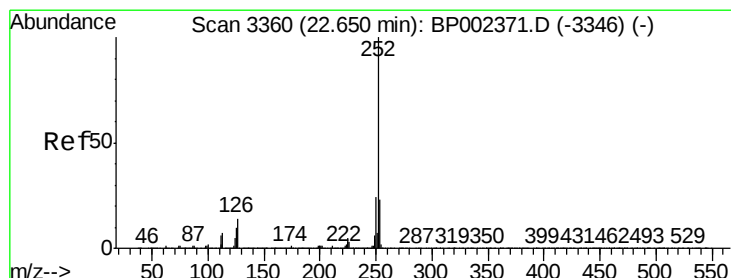
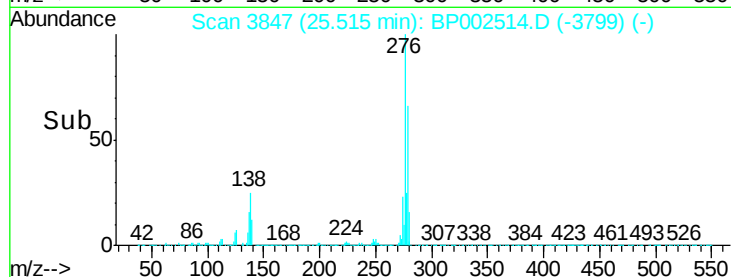
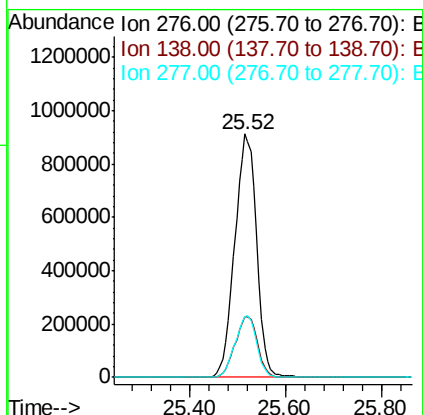
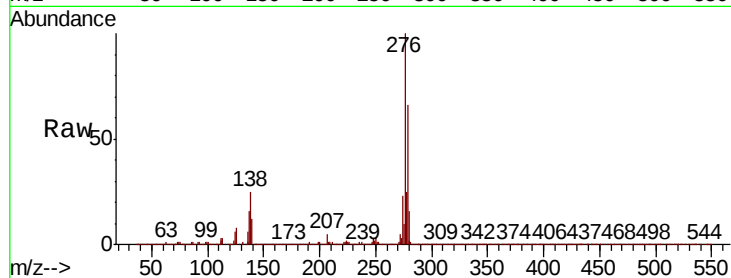




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.226 ng
 RT: 25.52 min Scan# 3847
 Delta R.T. -0.02 min
 Lab File: BP002514.D
 Acq: 23 Jun 2020 22:43

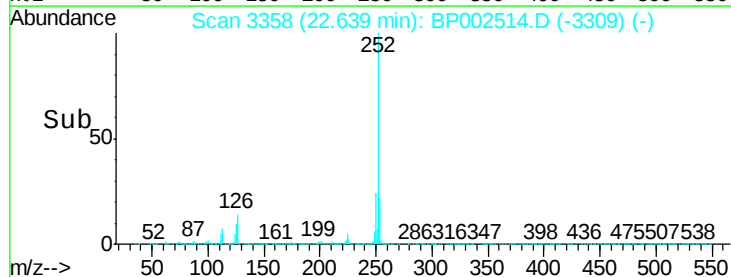
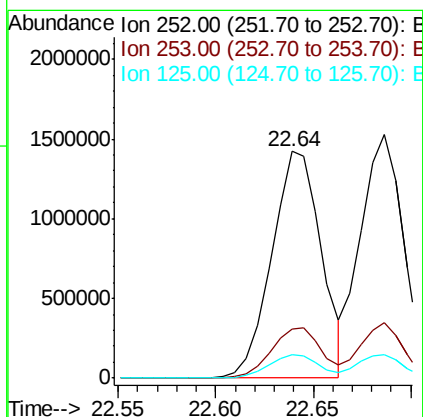
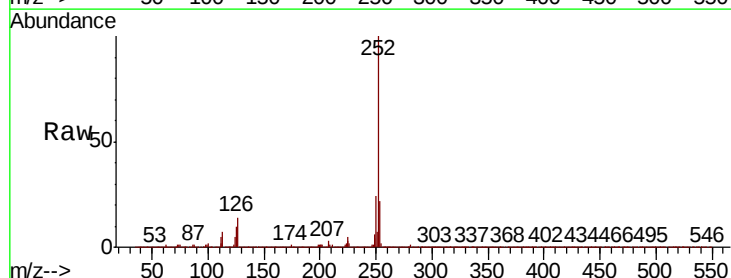
Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOXMS

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

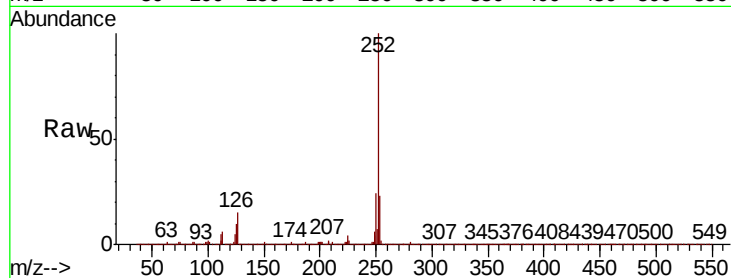
Tot Ion:252 Resp: 2370380

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

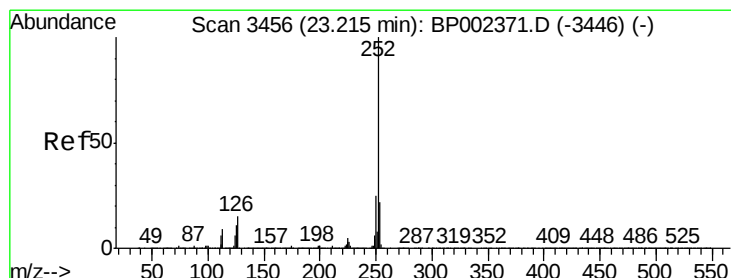
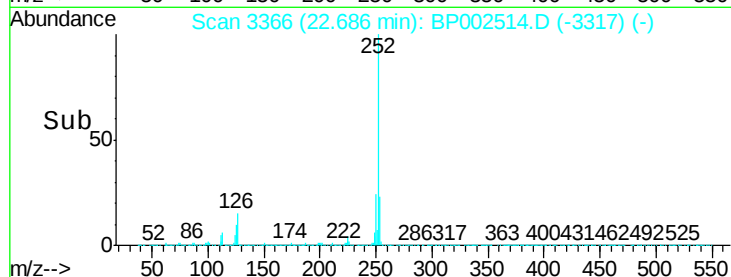
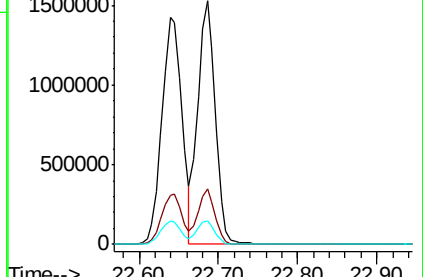
125 9.9 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#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

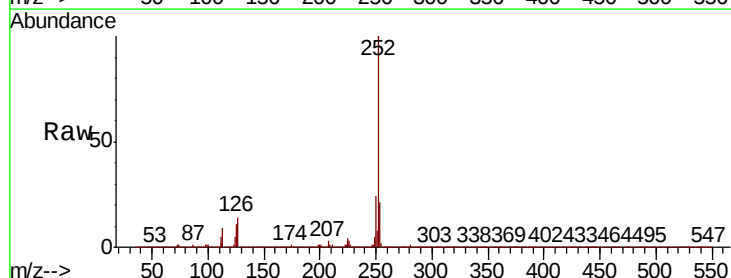
Tgt Ion:252 Resp: 2292907

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.8

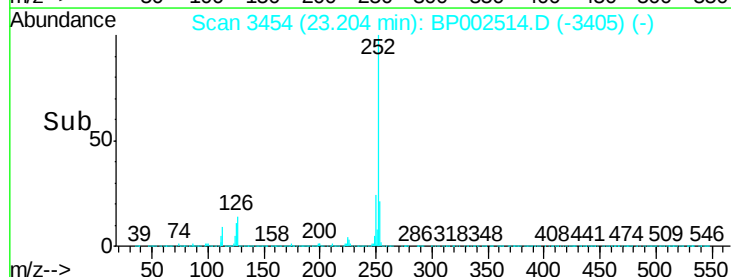
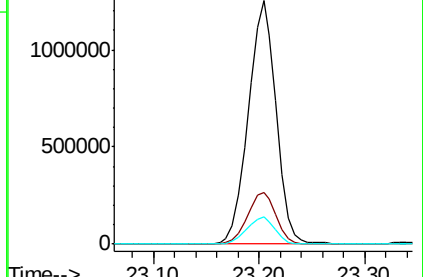
125 11.1 9.2 13.8

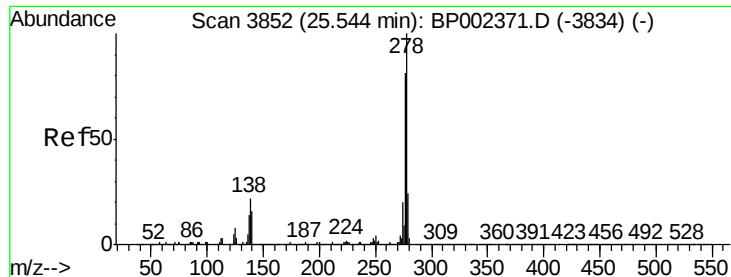


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#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

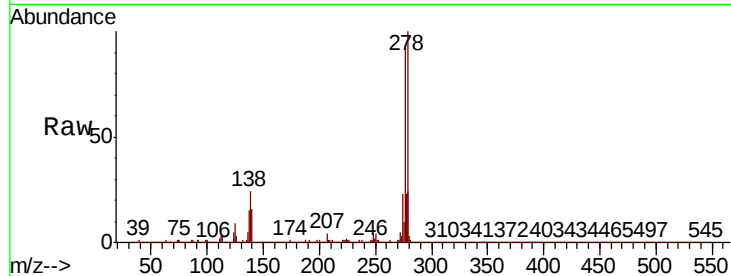
Tot Ion:278 Resp: 2378293

Ion Ratio Lower Upper

278 100

139 16.5 13.1 19.7

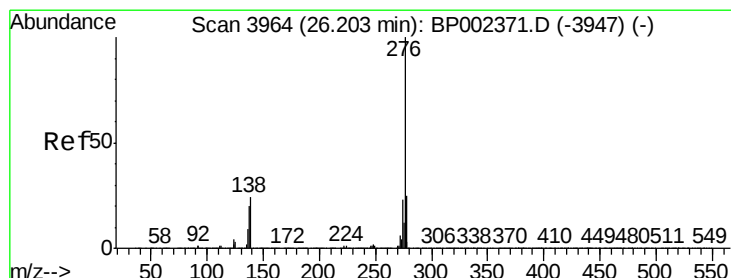
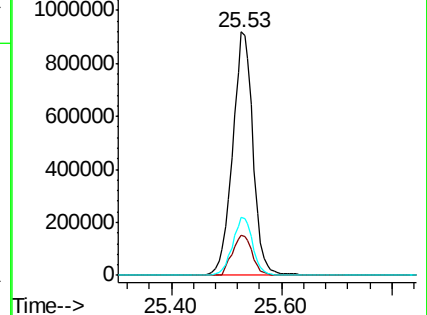
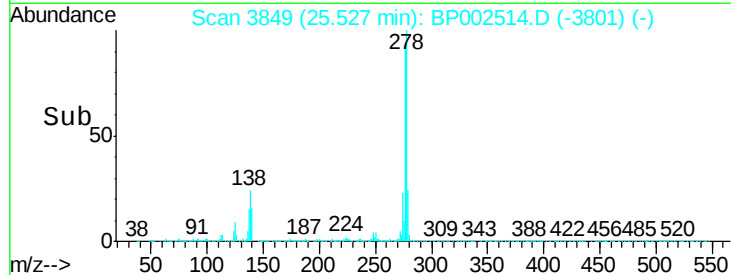
279 23.6 18.9 28.3



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

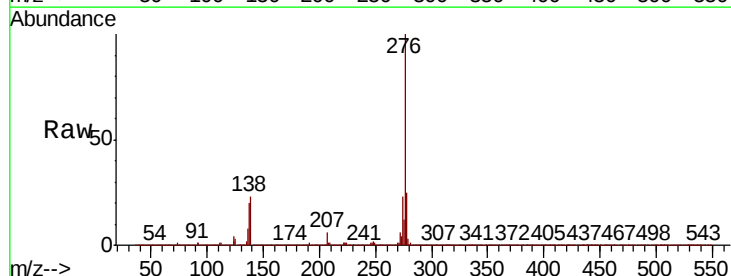
Tgt Ion:276 Resp: 2449797

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

