

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
 Data File : BP002515.D
 Acq On : 23 Jun 2020 23:17
 Operator : CG/JU
 Sample : L3051-02MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOXMSD

Quant Time: Jun 24 00:18:51 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	173397	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	677098	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	380884	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	794366	20.00	ng	0.00
76) Chrysene-d12	21.10	240	779307	20.00	ng	-0.01
86) Perylene-d12	23.30	264	900869	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1057432	112.84	ng	0.00
7) Phenol-d6	6.78	99	1148360	92.04	ng	0.00
23) Nitrobenzene-d5	8.73	82	1028131	90.68	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	478215	131.14	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1980072	87.41	ng	0.00
79) Terphenyl-d14	19.58	244	2792179	95.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	161625	37.443	ng	# 13
3) Pyridine	3.55	79	311609	26.561	ng	98
4) n-Nitrosodimethylamine	3.46	42	198735	41.106	ng	99
6) Aniline	6.92	93	385509	22.721	ng	98
8) 2-Chlorophenol	7.16	128	474770	45.060	ng	99
9) Benzaldehyde	6.73	77	218080	30.785	ng	98
10) Phenol	6.80	94	464461	34.325	ng	99
11) bis(2-Chloroethyl)ether	7.02	93	495847	43.890	ng	100
12) 1,3-Dichlorobenzene	7.48	146	535647	44.149	ng	98
13) 1,4-Dichlorobenzene	7.62	146	542085	44.409	ng	99
14) 1,2-Dichlorobenzene	7.93	146	512629	43.840	ng	99
15) Benzyl Alcohol	7.83	79	388685	40.195	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	678312	42.316	ng	99
17) 2-Methylphenol	8.04	107	378259	38.256	ng	99
18) Hexachloroethane	8.65	117	198272	44.585	ng	99
19) n-Nitroso-di-n-propylamine	8.39	70	359771	43.142	ng	99
20) 3+4-Methylphenols	8.36	107	488673	36.621	ng	97
22) Acetophenone	8.40	105	689323	45.314	ng	98
24) Nitrobenzene	8.77	77	566479	46.479	ng	98
25) Isophorone	9.29	82	993486	43.023	ng	100
26) 2-Nitrophenol	9.48	139	261093	48.075	ng	98
27) 2,4-Dimethylphenol	9.56	122	393056	46.133	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	628640	45.705	ng	98
29) 2,4-Dichlorophenol	10.02	162	441538	46.038	ng	99
30) 1,2,4-Trichlorobenzene	10.23	180	494664	46.271	ng	99
31) Naphthalene	10.40	128	1429510	45.444	ng	100
32) Benzoic acid	9.70	122	185177	28.436	ng	99
33) 4-Chloroaniline	10.52	127	178564	13.003	ng	99
34) Hexachlorobutadiene	10.71	225	289874	46.464	ng	97
35) Caprolactam	11.28	113	81878	24.205	ng	96
36) 4-Chloro-3-methylphenol	11.66	107	448207	43.192	ng	99
37) 2-Methylnaphthalene	12.03	142	1005801	45.049	ng	97
38) 1-Methylnaphthalene	12.25	142	958574	45.742	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	495619	49.363	ng	99

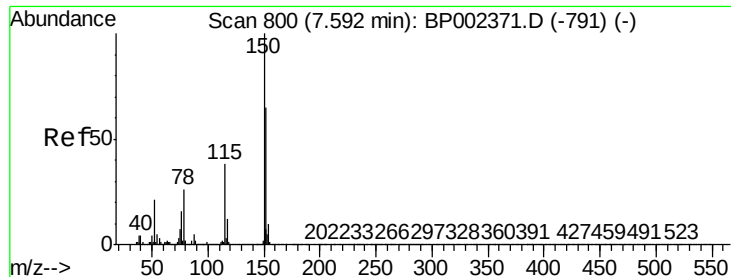
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
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 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	478643	89.670	ng	100
43) 2,4,6-Trichlorophenol	12.66	196	340115	47.865	ng	99
44) 2,4,5-Trichlorophenol	12.73	196	363987	44.237	ng	98
46) 1,1'-Biphenyl	13.06	154	1213489	48.613	ng	100
47) 2-Chloronaphthalene	13.10	162	971111	47.560	ng	97
48) 2-Nitroaniline	13.30	65	302101	46.347	ng	99
49) Acenaphthylene	13.95	152	1504646	46.169	ng	99
50) Dimethylphthalate	13.70	163	1426267	54.650	ng	99
51) 2,6-Dinitrotoluene	13.81	165	261630	46.161	ng	98
52) Acenaphthene	14.30	154	889294	46.580	ng	99
53) 3-Nitroaniline	14.14	138	152386	23.546	ng	98
54) 2,4-Dinitrophenol	14.35	184	246976	74.133	ng	98
55) Dibenzofuran	14.63	168	1413539	45.986	ng	99
56) 4-Nitrophenol	14.47	139	344140	66.973	ng	97
57) 2,4-Dinitrotoluene	14.60	165	346616	44.928	ng	97
58) Fluorene	15.29	166	1052781	43.544	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	310497	47.538	ng	100
60) Diethylphthalate	15.08	149	1129235	43.183	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	529006	45.032	ng	98
62) 4-Nitroaniline	15.31	138	249355	40.100	ng	97
63) Azobenzene	15.59	77	1175991	45.179	ng	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	182058	43.432	ng	98
66) n-Nitrosodiphenylamine	15.51	169	964985	47.554	ng	100
67) 4-Bromophenyl-phenylether	16.19	248	347467	46.174	ng	97
68) Hexachlorobenzene	16.30	284	377836	47.317	ng	96
69) Atrazine	16.47	200	318511	48.115	ng	99
70) Pentachlorophenol	16.65	266	457349	95.732	ng	99
71) Phenanthrene	17.03	178	1742390	46.890	ng	99
72) Anthracene	17.13	178	1783382	48.312	ng	99
73) Carbazole	17.40	167	1651382	45.476	ng	100
74) Di-n-butylphthalate	17.98	149	1992393	46.363	ng	99
75) Fluoranthene	19.02	202	2120111	47.799	ng	100
77) Benzidine	19.20	184	677784	38.923	ng	98
78) Pyrene	19.37	202	2138300	44.795	ng	99
80) Butylbenzylphthalate	20.27	149	927258	43.698	ng	96
81) Benzo(a)anthracene	21.09	228	2048233	46.045	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	579182	35.035	ng	98
83) Chrysene	21.13	228	1972607	46.806	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1358662	44.017	ng	100
85) Di-n-octyl phthalate	21.90	149	2411518	44.543	ng	99
87) Indeno(1,2,3-cd)pyrene	25.52	276	2696671	47.859	ng	98
88) Benzo(b)fluoranthene	22.64	252	2294913	47.239	ng	99
89) Benzo(k)fluoranthene	22.69	252	2164578	46.894	ng	100
90) Benzo(a)pyrene	23.20	252	2090149	45.910	ng	99
91) Dibenzo(a,h)anthracene	25.53	278	2205580	48.798	ng	99
92) Benzo(g,h,i)perylene	26.19	276	2246648	47.993	ng	97

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

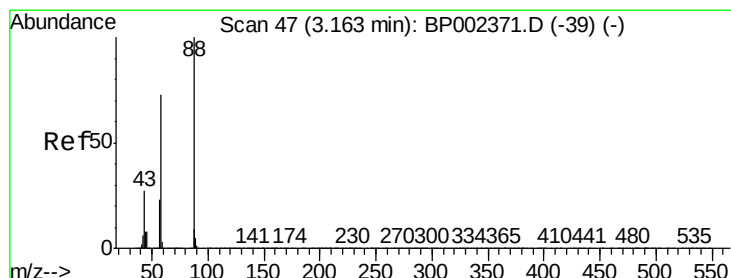
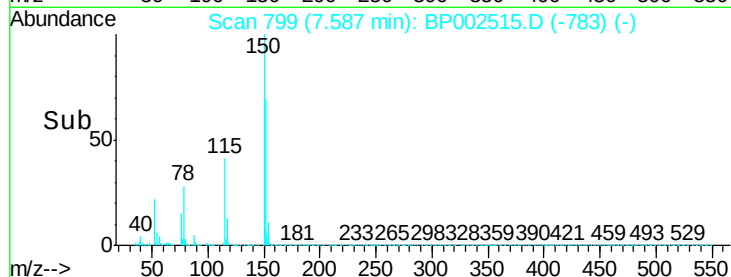
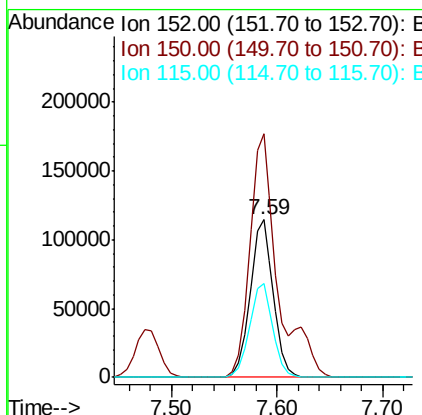
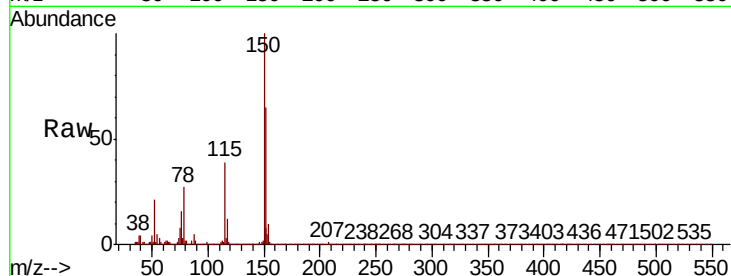


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

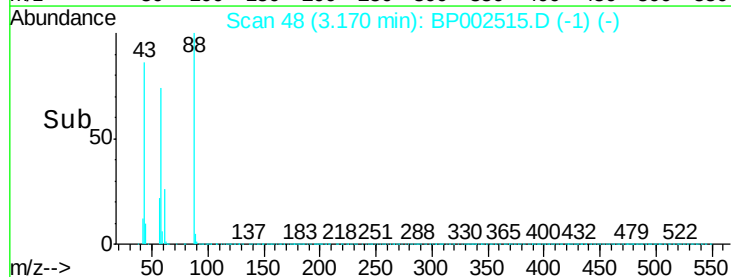
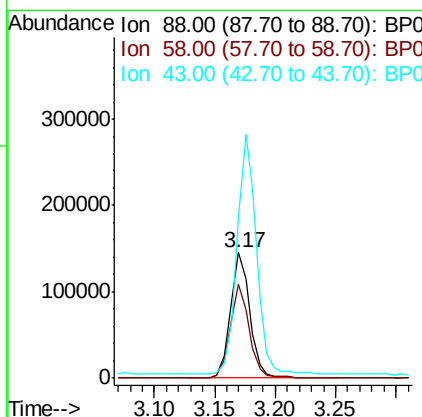
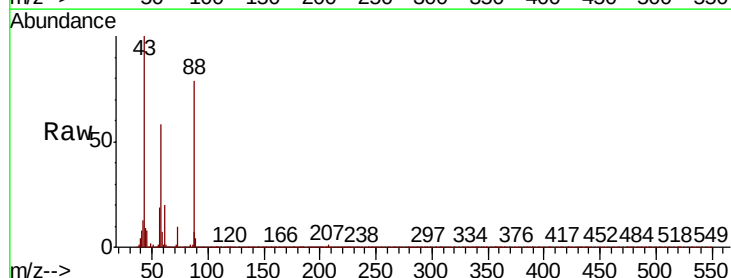
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.0	186.0
115	59.8	47.4	71.0

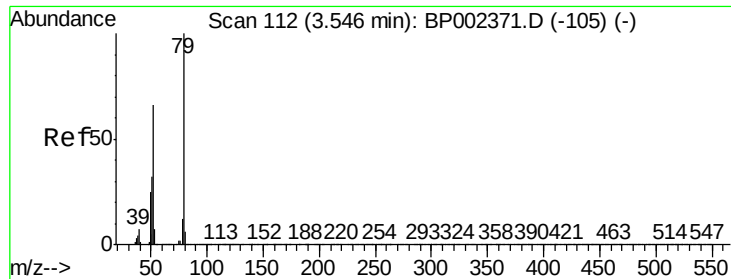


#2

1,4-Dioxane
Concen: 37.443 ng
RT: 3.17 min Scan# 48
Delta R.T. 0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	58.2	87.4
43	193.8	21.8	32.8#

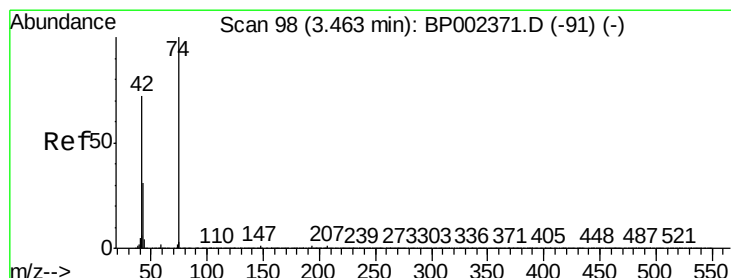
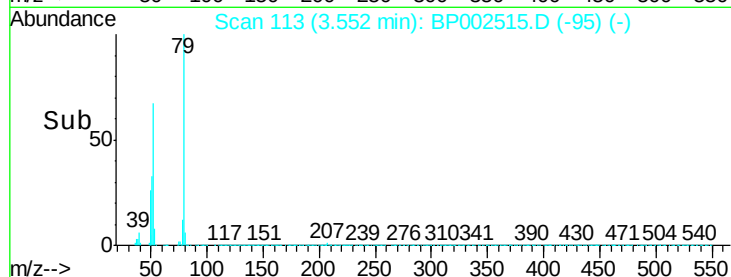
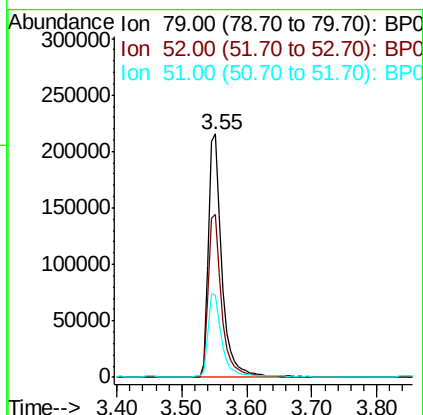
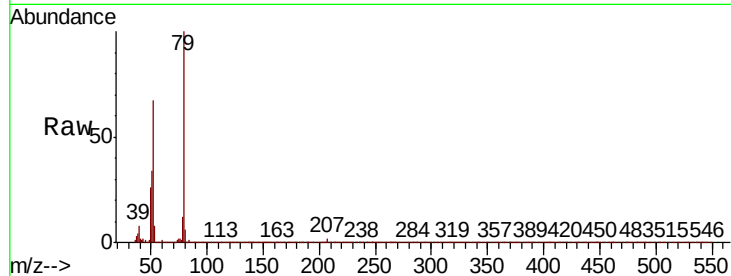




#3
 Pvridine
 Concen: 26.561 ng
 RT: 3.55 min Scan# 113
 Delta R.T. 0.01 min
 Lab File: BP002515.D
 Acq: 23 Jun 2020 23:17

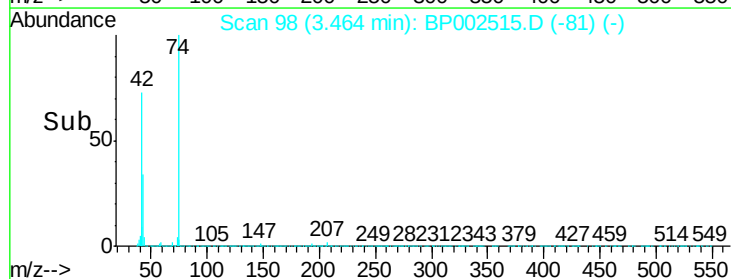
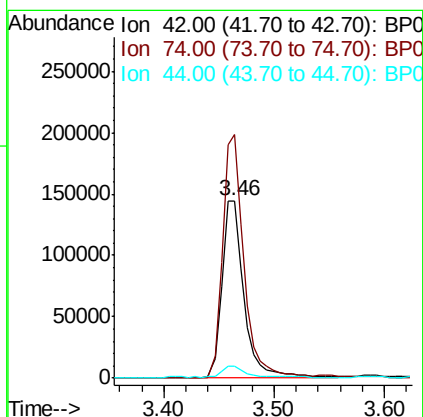
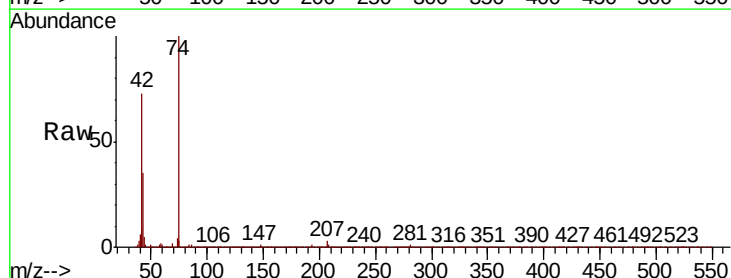
Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOXMSD

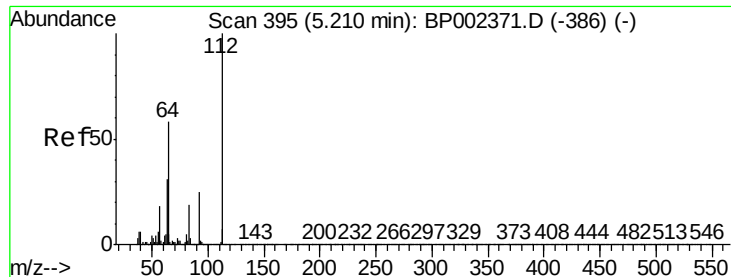
Tot Ion: 79 Resp: 311609
 Ion Ratio Lower Upper
 79 100
 52 66.7 52.5 78.7
 51 33.9 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 41.106 ng
 RT: 3.46 min Scan# 98
 Delta R.T. 0.00 min
 Lab File: BP002515.D
 Acq: 23 Jun 2020 23:17

Tgt Ion: 42 Resp: 198735
 Ion Ratio Lower Upper
 42 100
 74 137.0 111.1 166.7
 44 6.4 5.4 8.0





#5

2-Fluorophenol

Concen: 112.844 ng

RT: 5.21 min Scan# 395

Delta R.T. 0.00 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMSD

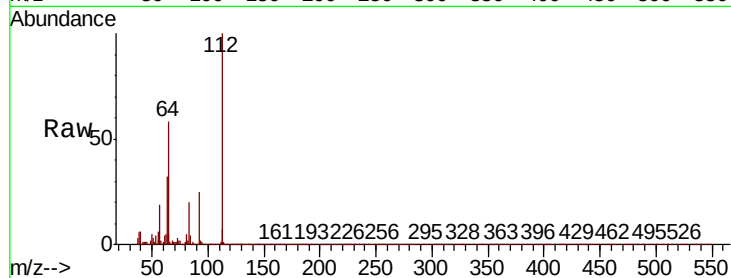
Tot Ion:112 Resp: 1057432

Ion Ratio Lower Upper

112 100

64 58.4 46.2 69.2

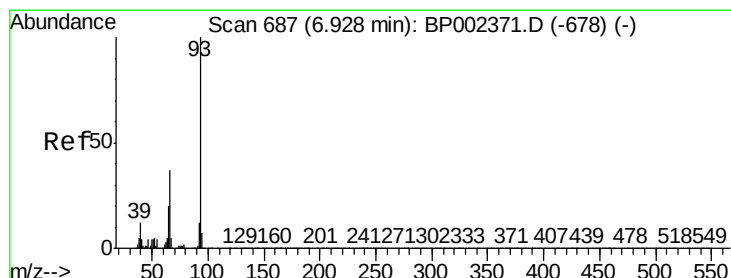
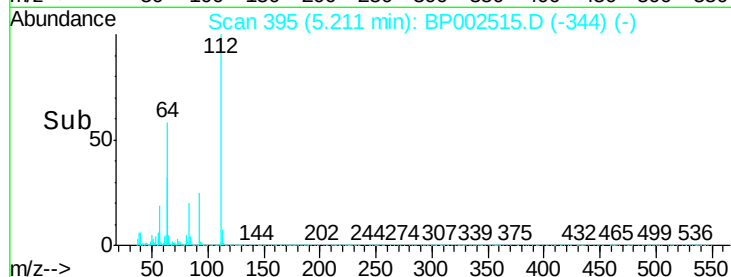
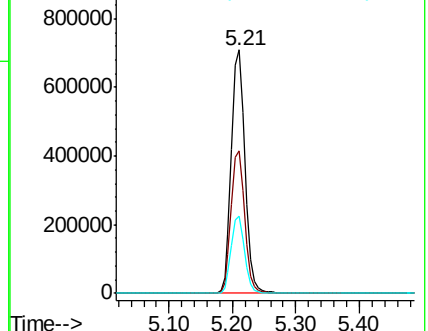
63 31.5 24.5 36.7



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: 22.721 ng

RT: 6.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

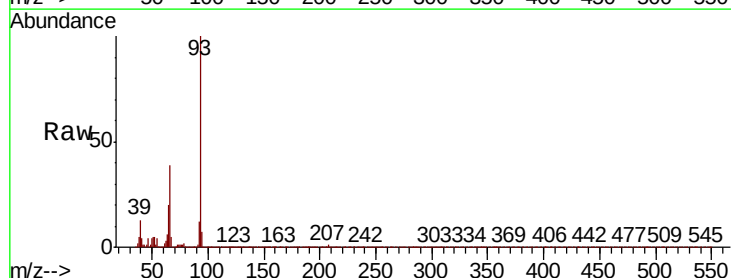
Tgt Ion: 93 Resp: 385509

Ion Ratio Lower Upper

93 100

66 39.2 29.8 44.6

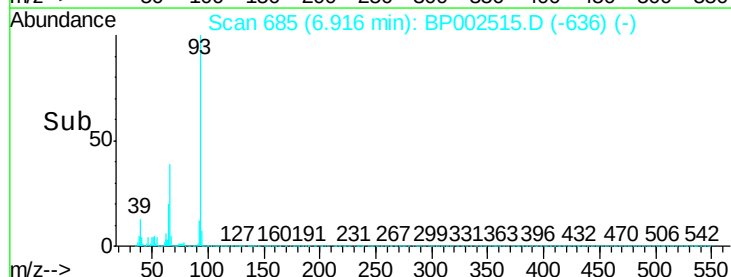
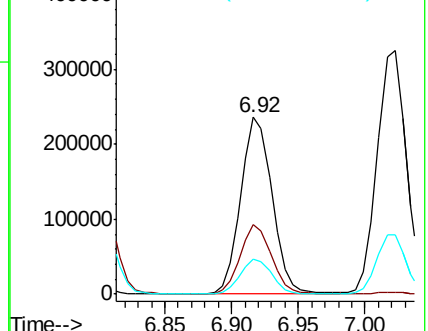
65 19.9 15.7 23.5

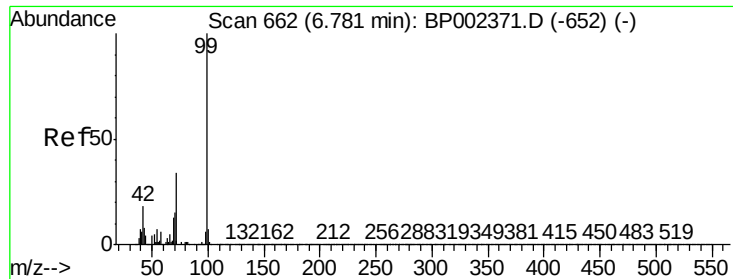


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 92.045 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMSD

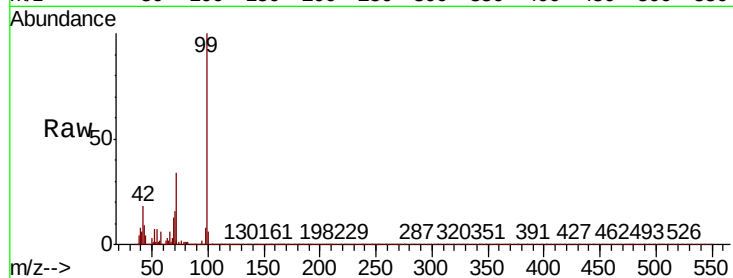
Tot Ion: 99 Resp: 1148360

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.6	22.0
71	34.1	27.2	40.8

99 100

42 18.4 14.6 22.0

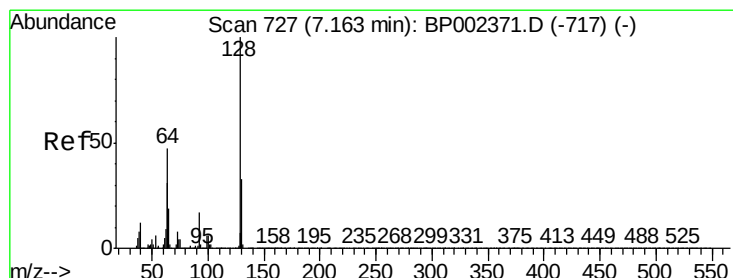
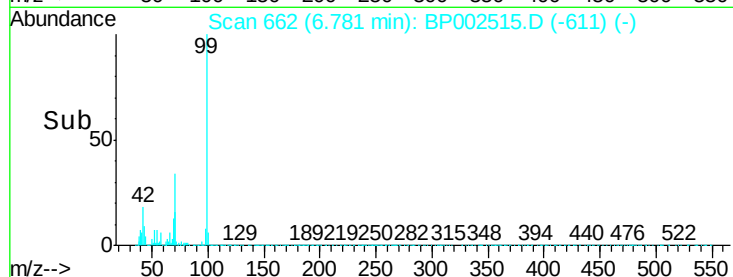
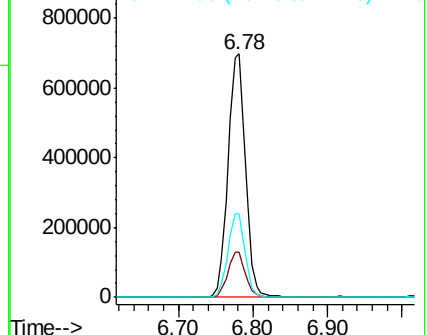
71 34.1 27.2 40.8



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: 45.060 ng

RT: 7.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

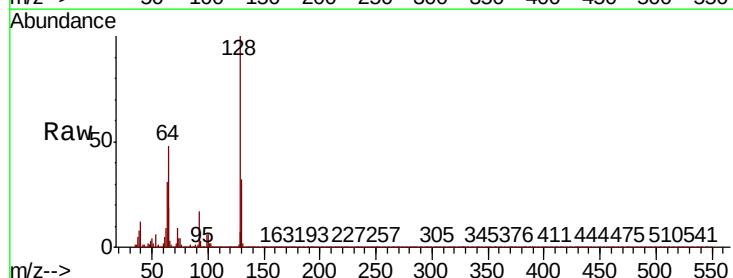
Tgt Ion: 128 Resp: 474770

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.5	52.5
64	48.0	27.7	67.7

128 100

130 32.0 12.5 52.5

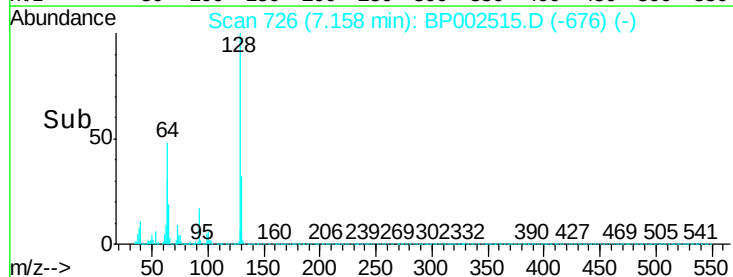
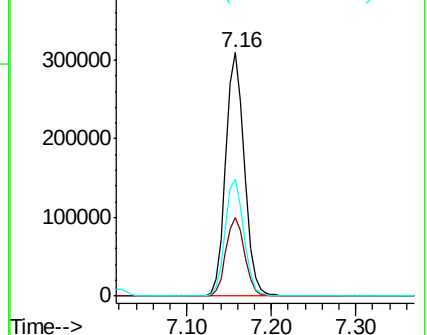
64 48.0 27.7 67.7

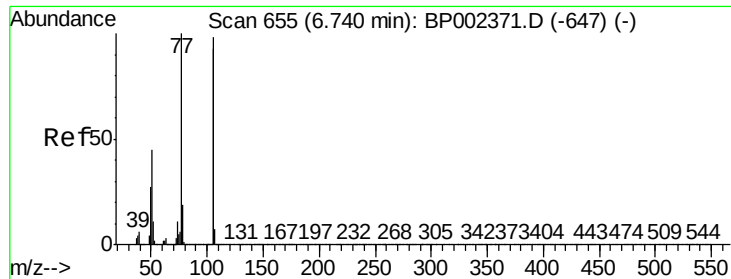


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 30.785 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Instrument :

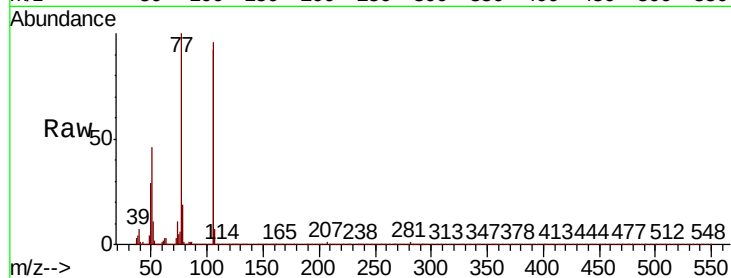
BNA_P

ClientSampleId :

SLUDGE-BOXMSD

Tot Ion: 77 Resp: 218080

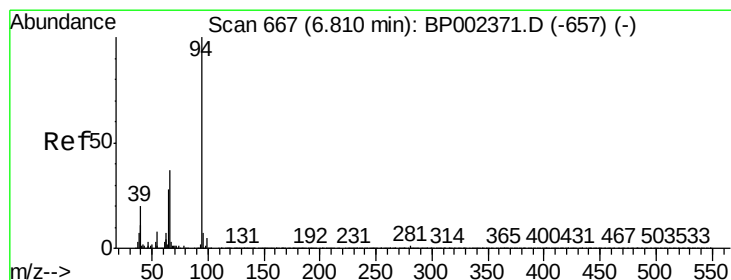
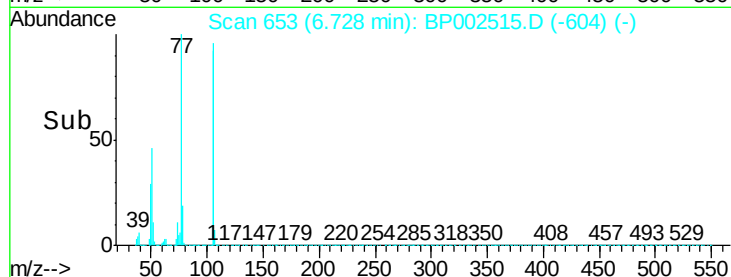
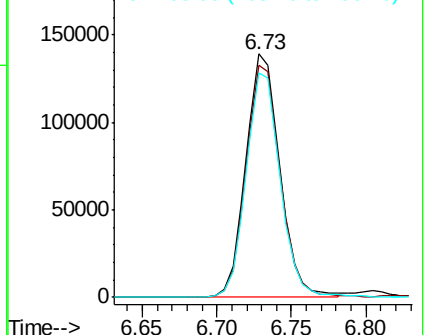
Ion	Ratio	Lower	Upper
77	100		
105	95.5	78.1	118.1
106	92.2	73.2	113.2



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 34.325 ng

RT: 6.80 min Scan# 666

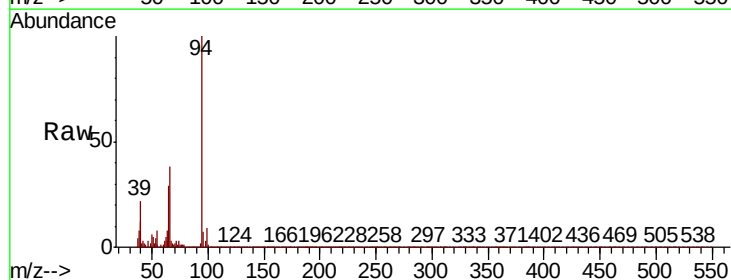
Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Tgt Ion: 94 Resp: 464461

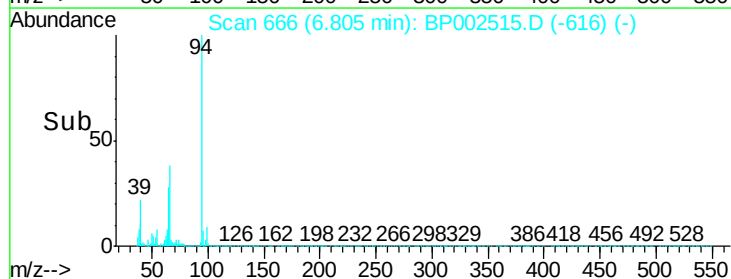
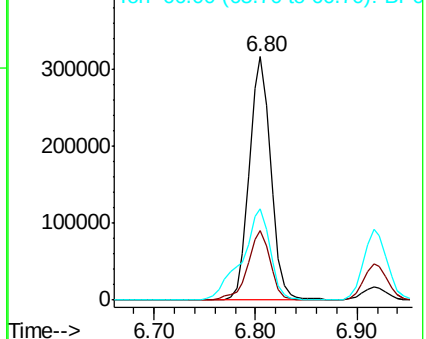
Ion	Ratio	Lower	Upper
94	100		
65	28.5	7.7	47.7
66	37.7	16.9	56.9

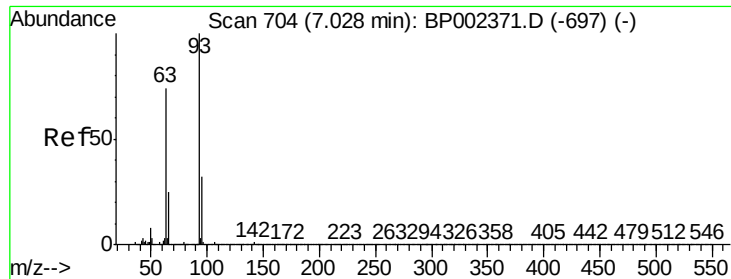


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

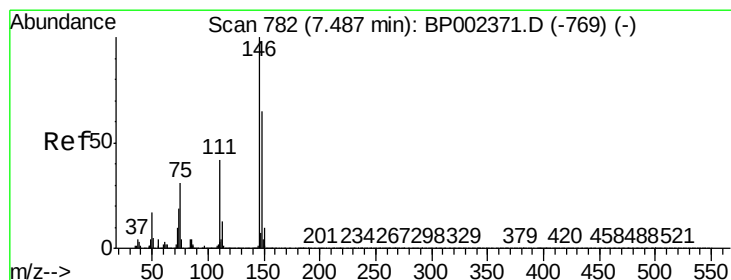
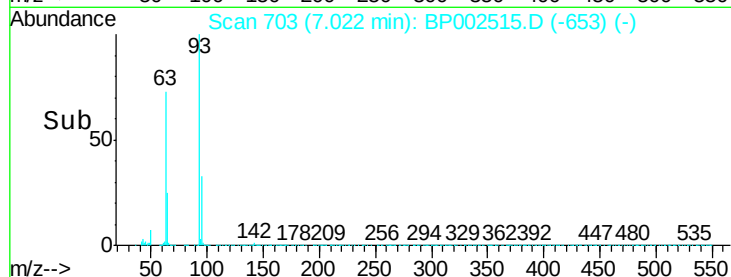
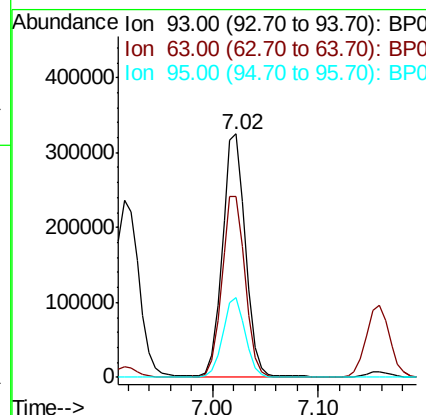
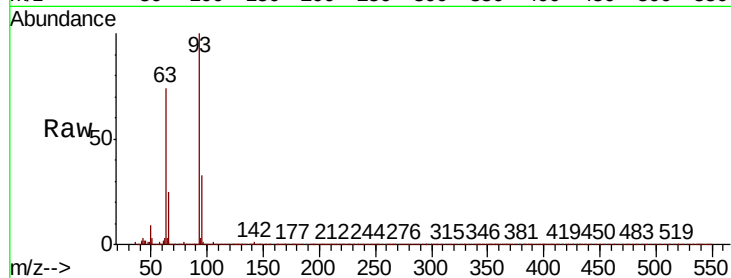




#11
bis(2-Chloroethyl)ether
Concen: 43.890 ng
RT: 7.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

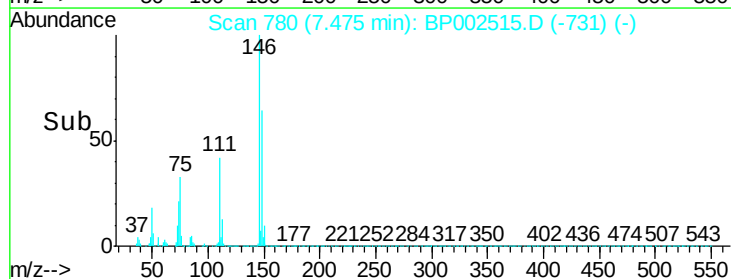
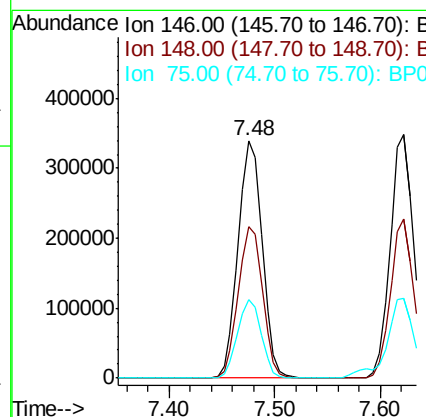
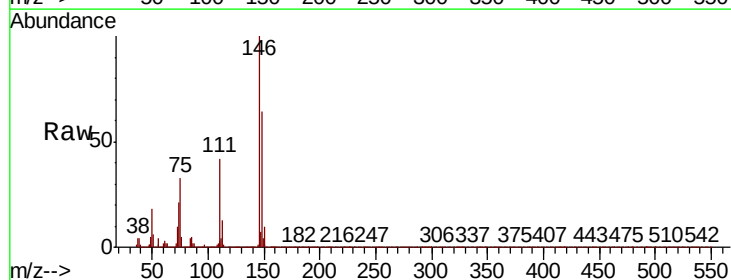
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

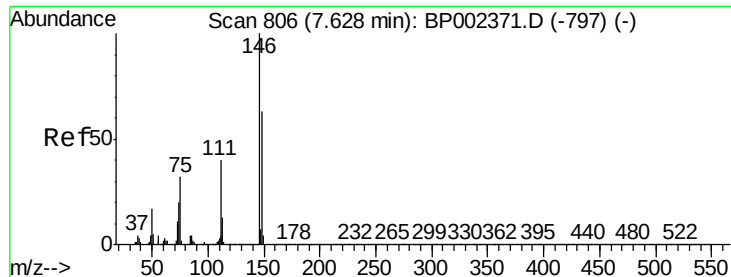
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.2	54.2	94.2
95	32.5	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 44.149 ng
RT: 7.48 min Scan# 780
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
75	33.1	25.0	37.4

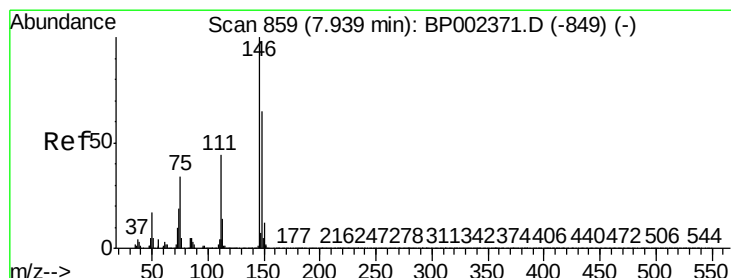
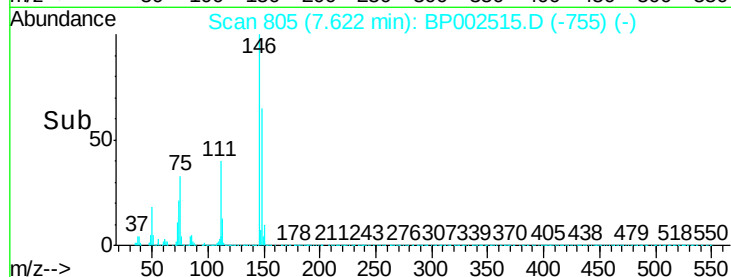
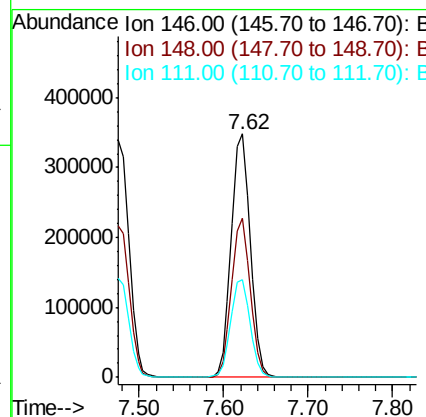
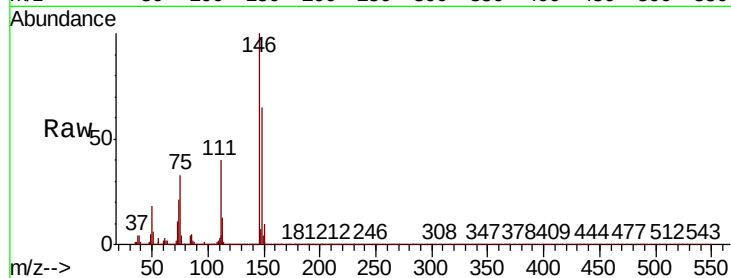




#13
1,4-Dichlorobenzene
Concen: 44.409 ng
RT: 7.62 min Scan# 805
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

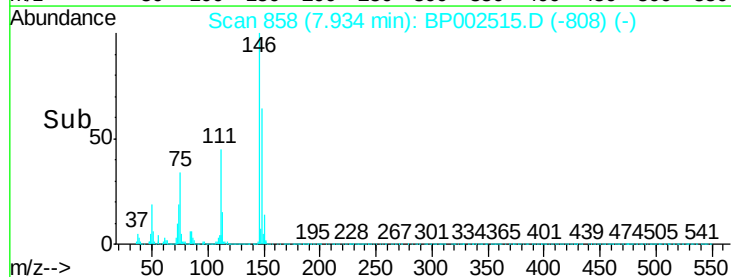
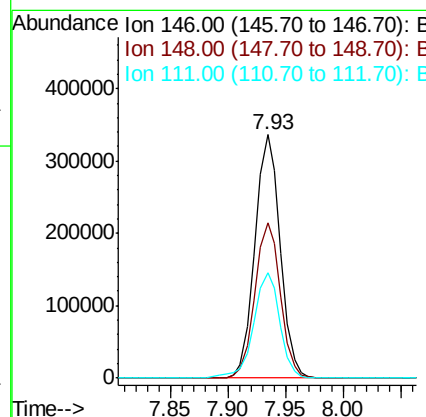
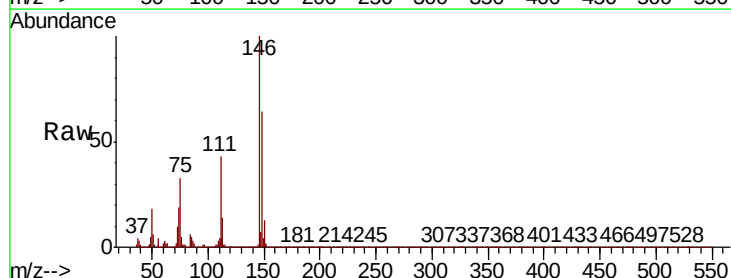
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

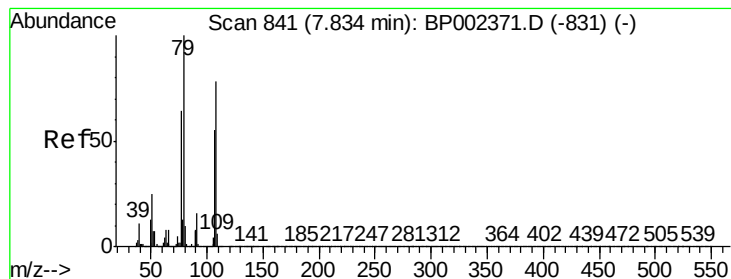
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.7	76.1
111	40.3	32.2	48.2



#14
1,2-Dichlorobenzene
Concen: 43.840 ng
RT: 7.93 min Scan# 858
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.6
111	43.4	35.4	53.2





#15

Benzyl Alcohol

Concen: 40.195 ng

RT: 7.83 min Scan# 840

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMSD

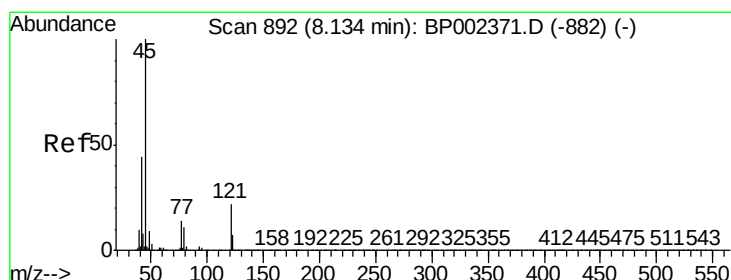
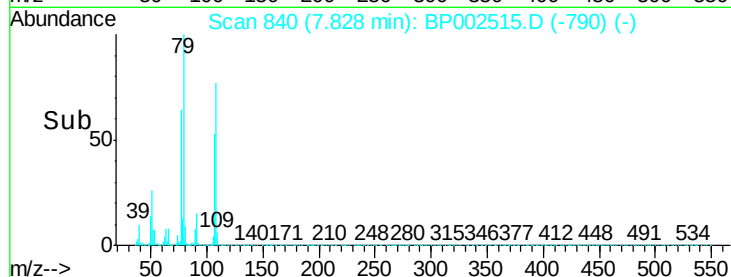
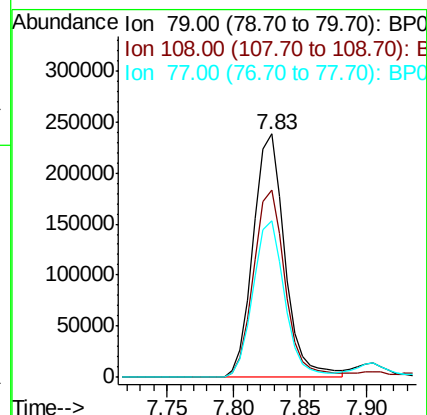
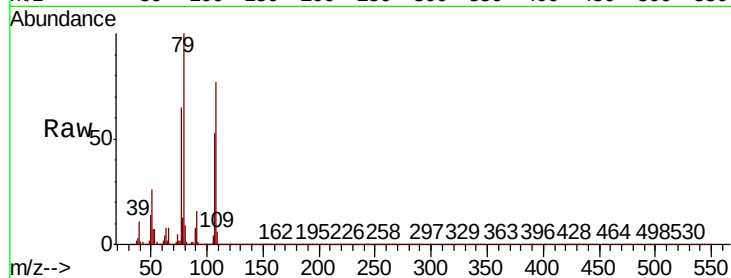
Tot Ion: 79 Resp: 388685

Ion Ratio Lower Upper

79 100

108 76.8 62.6 94.0

77 64.5 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.316 ng

RT: 8.12 min Scan# 890

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

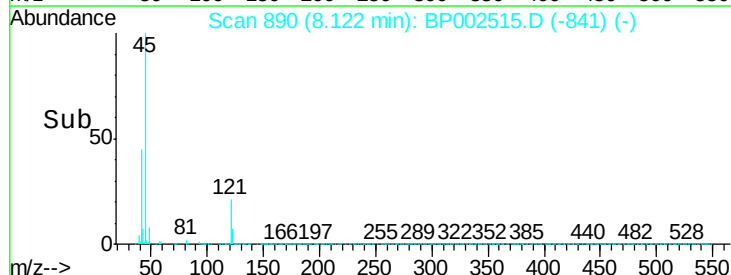
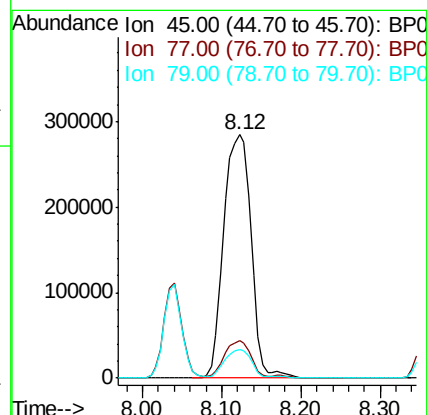
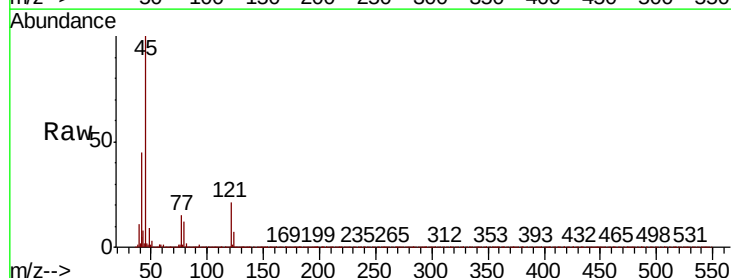
Tgt Ion: 45 Resp: 678312

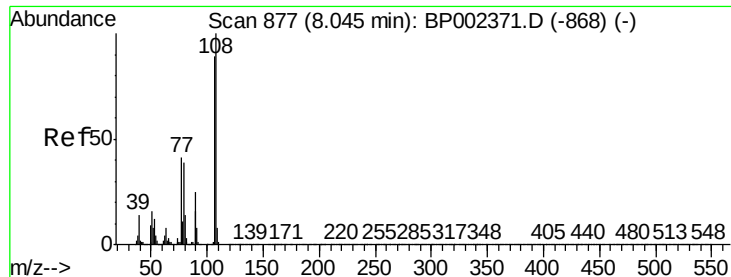
Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.0

79 11.6 0.0 32.0

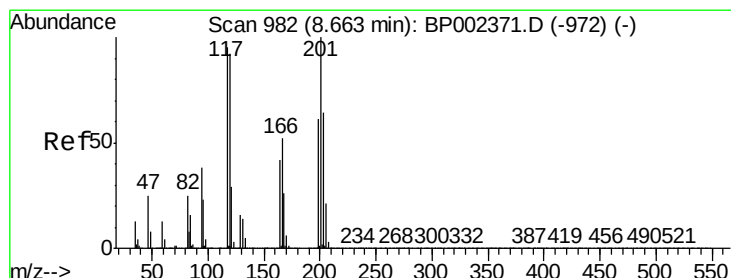
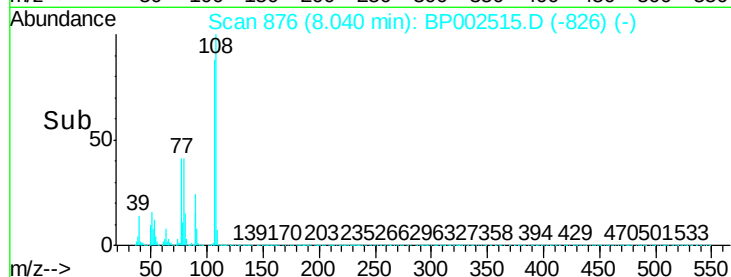
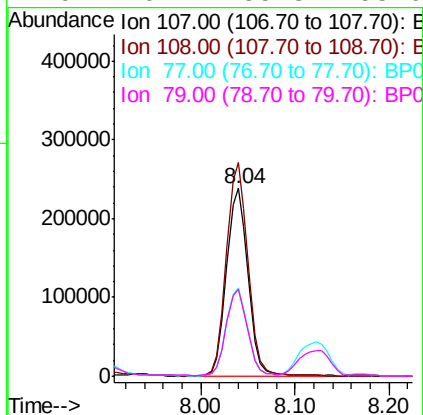
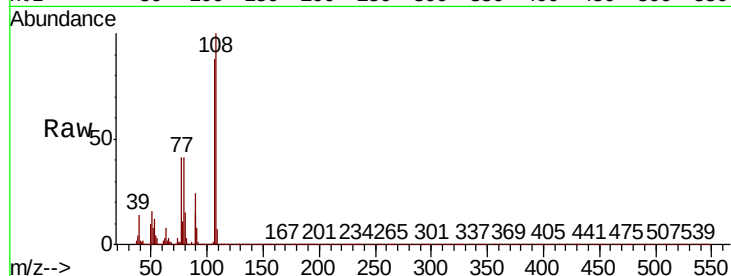




#17
2-Methylphenol
Concen: 38.256 ng
RT: 8.04 min Scan# 876
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

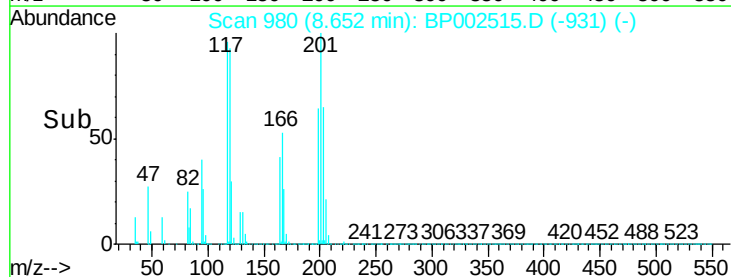
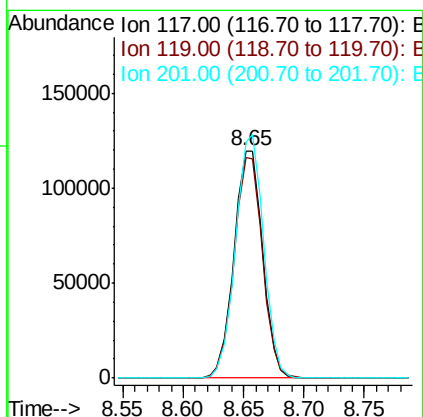
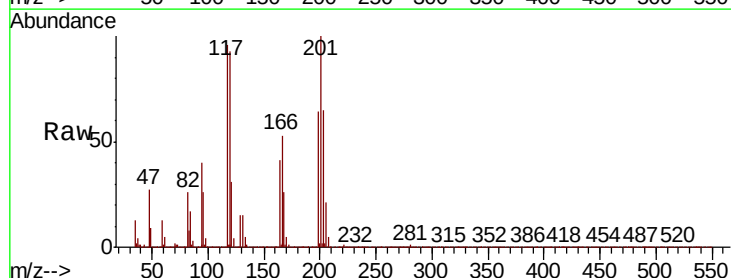
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

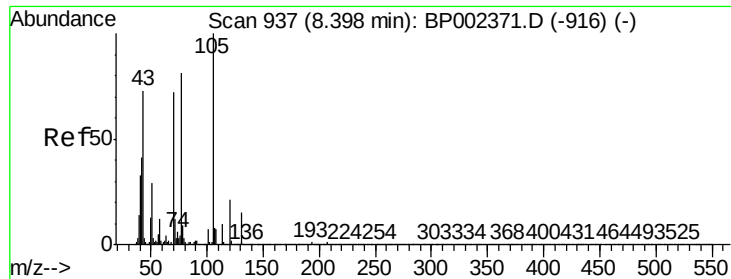
Tot Ion:	107	Resp:	378259
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.3	135.5
77	46.8	37.1	55.7
79	46.2	35.8	53.6



#18
Hexachloroethane
Concen: 44.585 ng
RT: 8.65 min Scan# 980
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion:	117	Resp:	198272
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.8	116.8
201	103.7	84.2	126.4

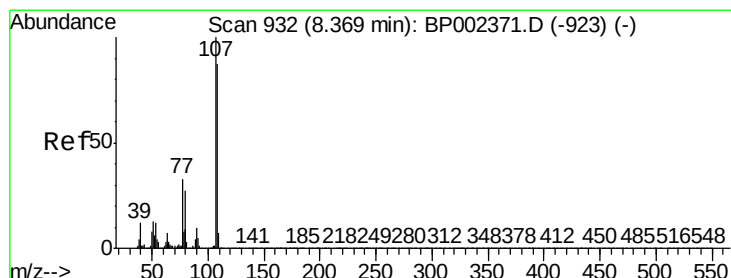
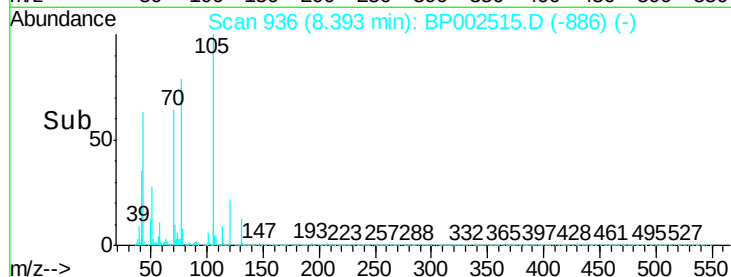
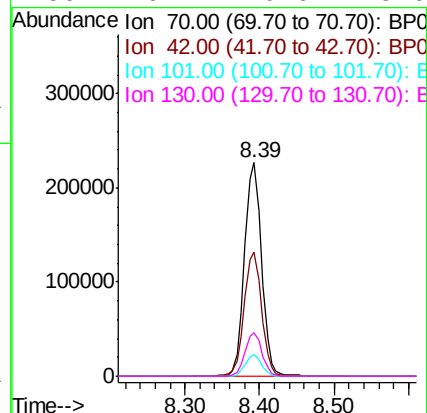
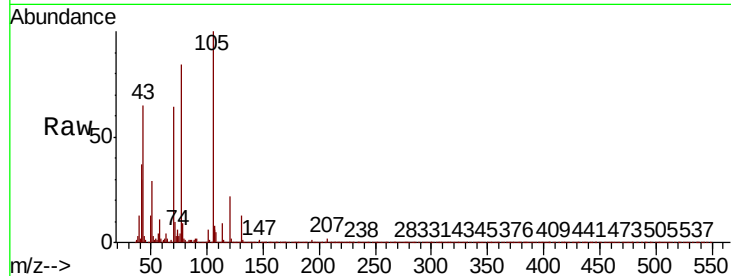




#19
n-Nitroso-di-n-propylamine
Concen: 43.142 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

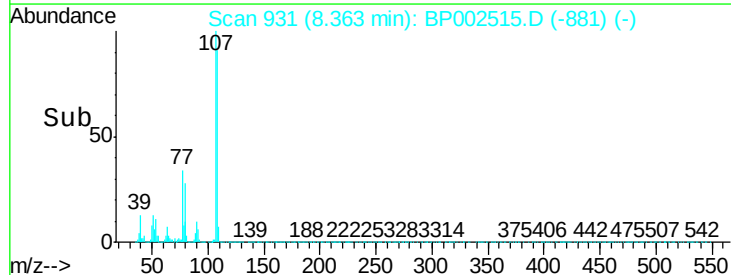
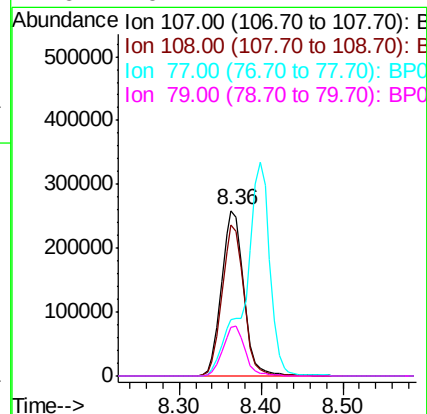
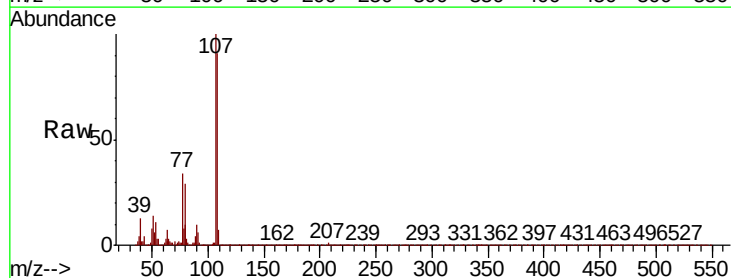
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

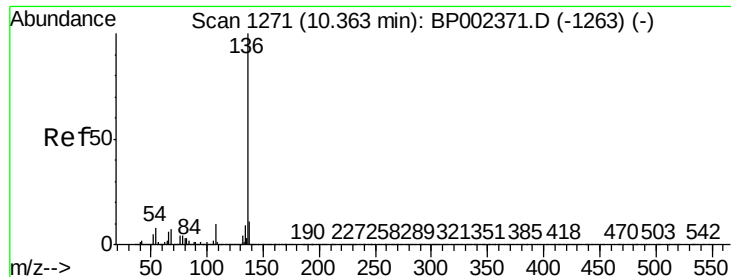
Tot Ion:	70	Resp:	359771
Ion	Ratio	Lower	Upper
70	100		
42	57.9	45.7	68.5
101	10.1	7.5	11.3
130	20.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.621 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion:	107	Resp:	488673
Ion	Ratio	Lower	Upper
107	100		
108	91.4	67.5	107.5
77	34.1	13.5	53.5
79	29.1	7.4	47.4

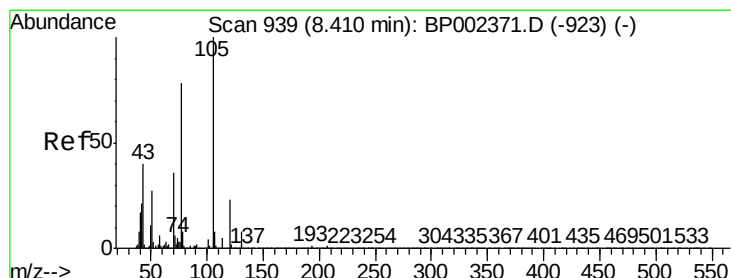
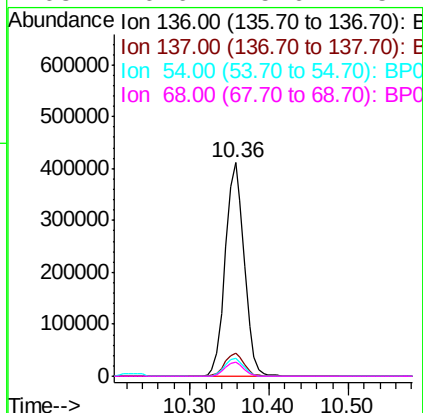
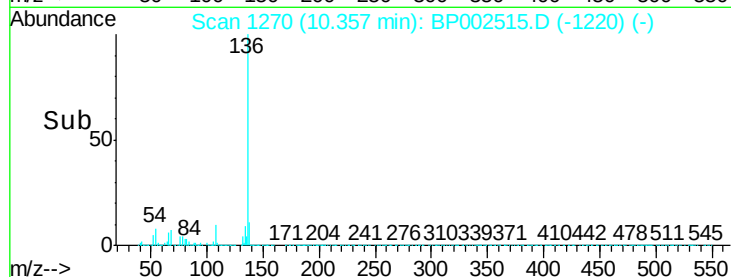
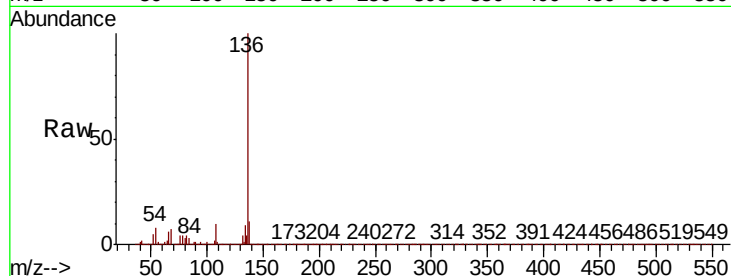




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

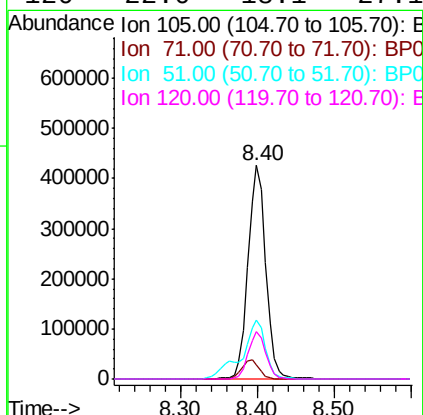
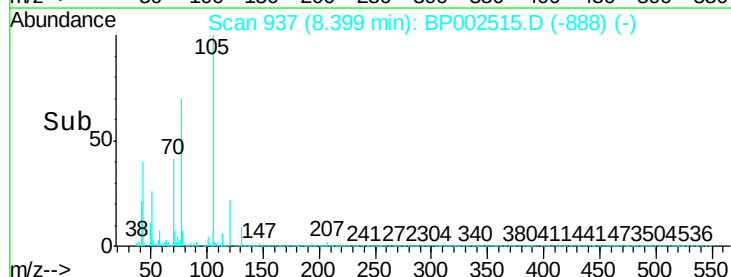
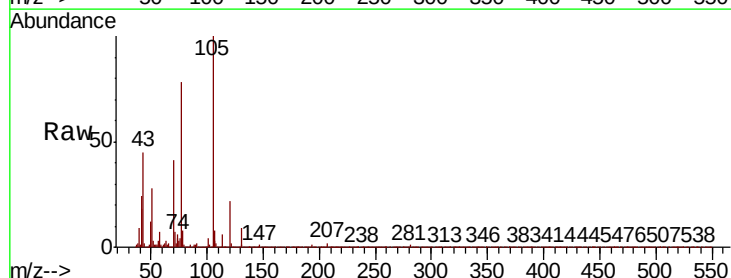
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

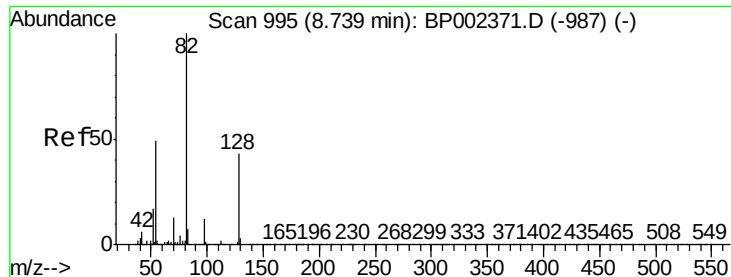
Tot Ion:136	Resp:	677098	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.8	13.2	
54 8.4	6.4	9.6	
68 6.6	5.6	8.4	



#22
Acetophenone
Concen: 45.314 ng
RT: 8.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt	Ion:105	Resp:	689323
Ion	Ratio	Lower	Upper
105	100		
71	6.8	4.7	7.1
51	27.6	21.4	32.0
120	22.0	18.1	27.1

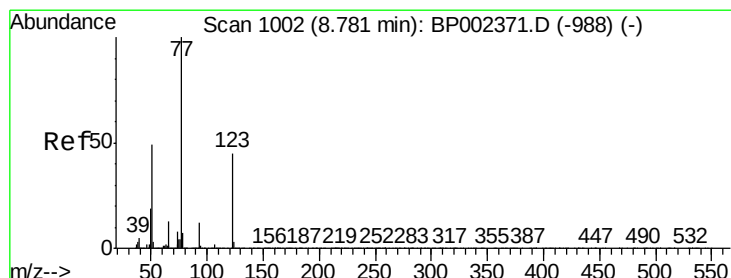
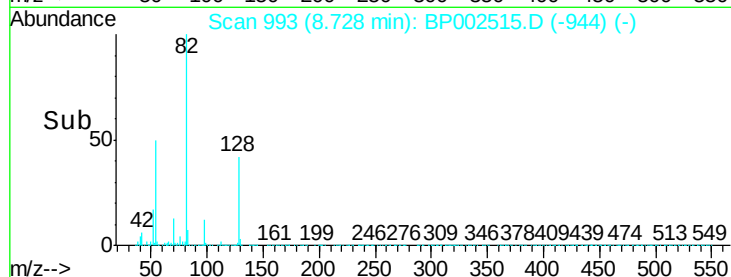
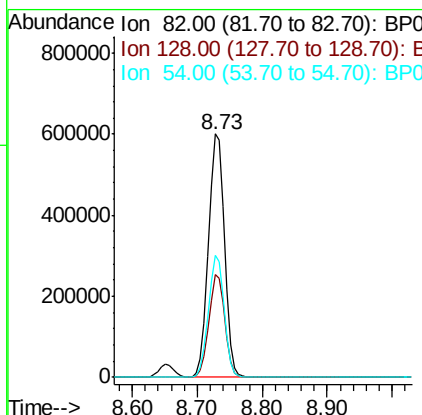
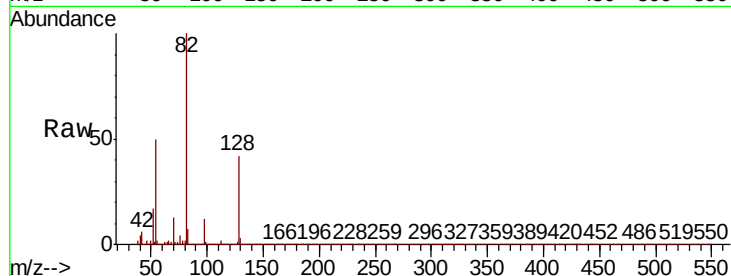




#23
Nitrobenzene-d5
Concen: 90.679 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

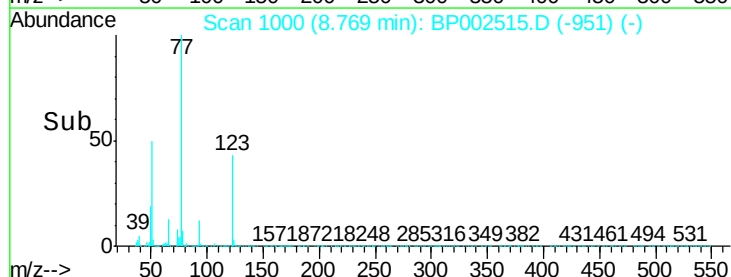
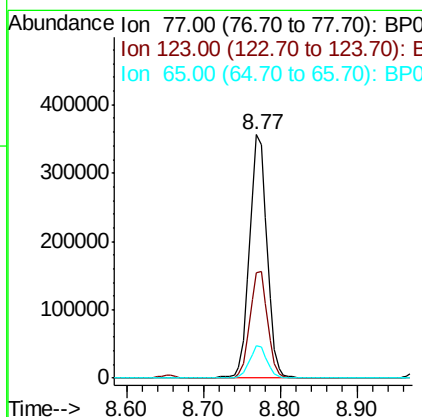
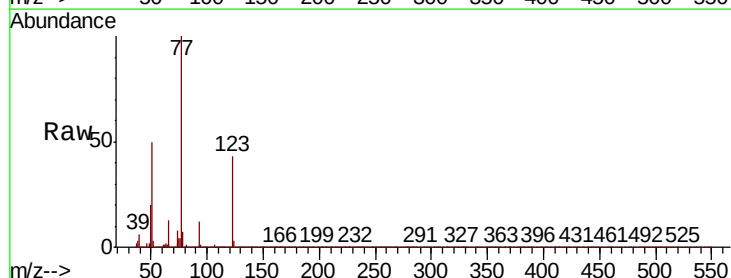
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

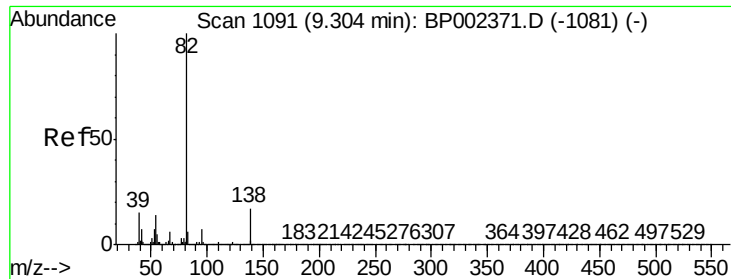
Tot Ion: 82 Resp: 1028131
Ion Ratio Lower Upper
82 100
128 42.1 34.5 51.7
54 50.2 39.4 59.2



#24
Nitrobenzene
Concen: 46.479 ng
RT: 8.77 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion: 77 Resp: 566479
Ion Ratio Lower Upper
77 100
123 43.3 35.8 53.8
65 13.2 10.5 15.7





#25

Isophorone

Concen: 43.023 ng

RT: 9.29 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMSD

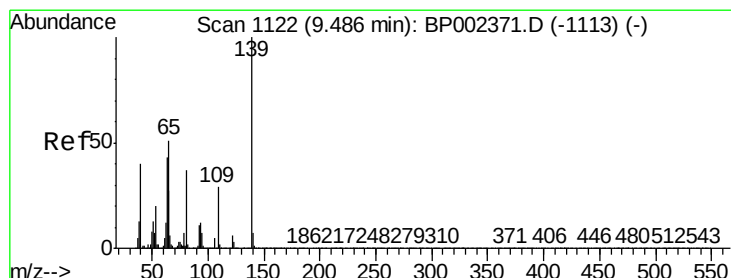
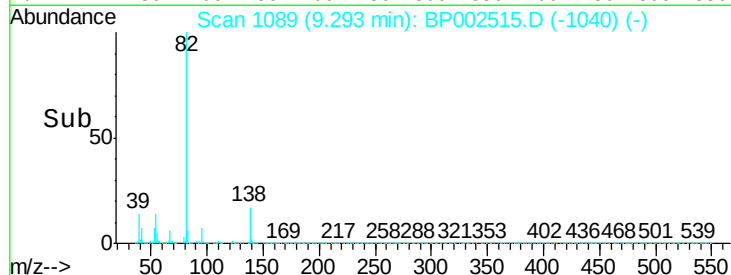
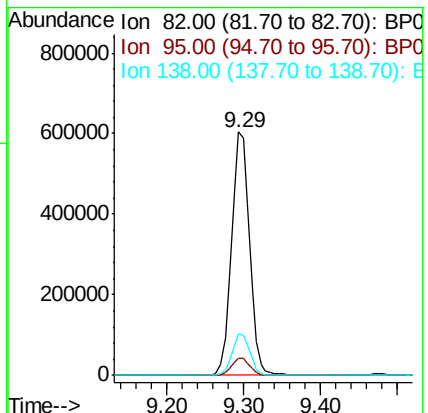
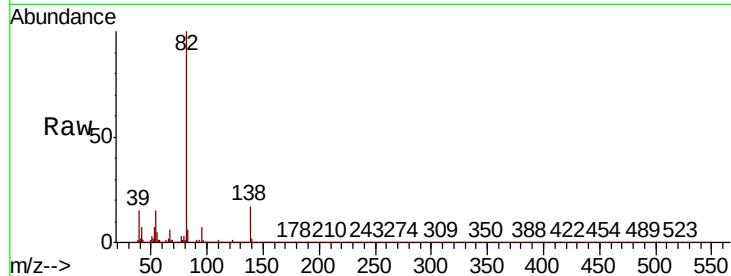
Tot Ion: 82 Resp: 993486

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 16.8 13.4 20.0



#26

2-Nitrophenol

Concen: 48.075 ng

RT: 9.48 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

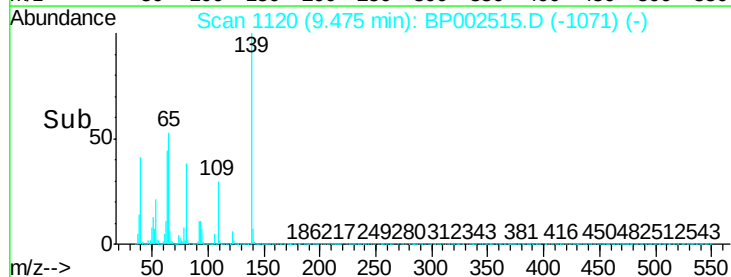
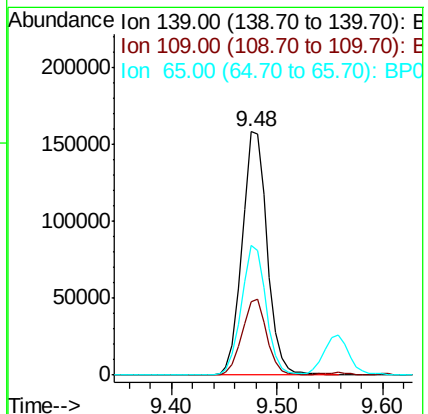
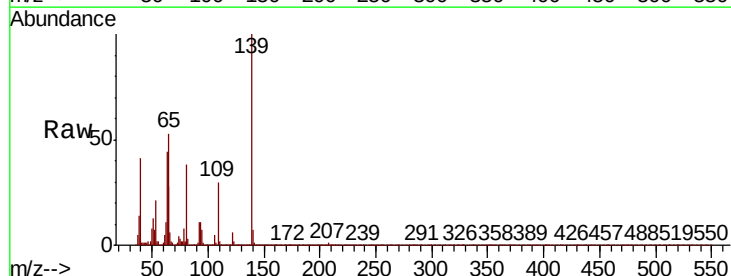
Tgt Ion: 139 Resp: 261093

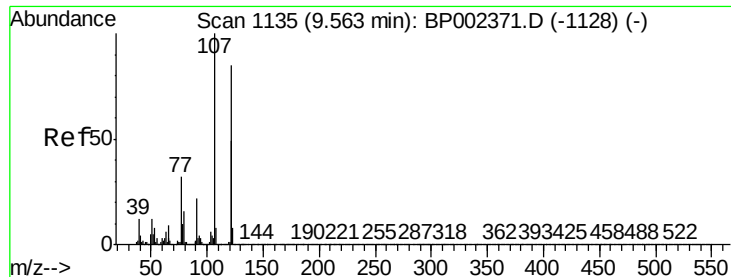
Ion Ratio Lower Upper

139 100

109 30.1 23.4 35.2

65 53.5 41.1 61.7

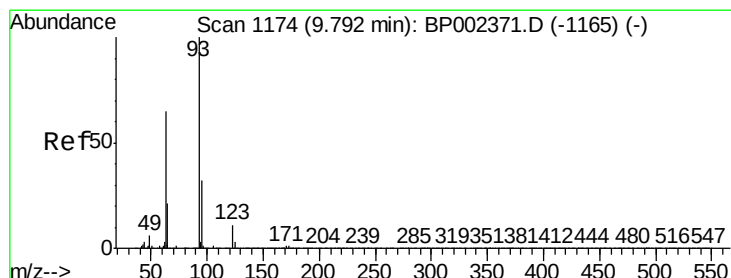
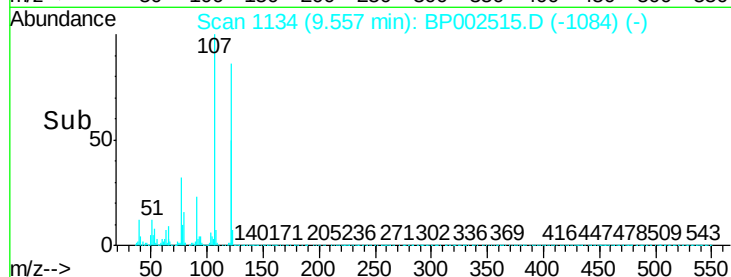
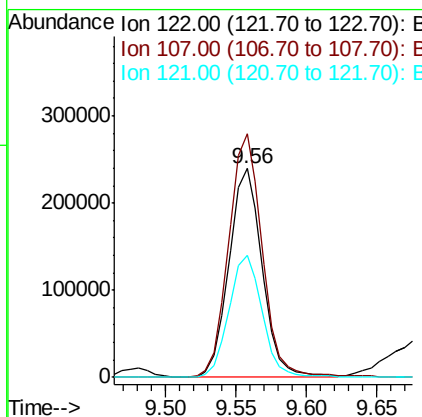
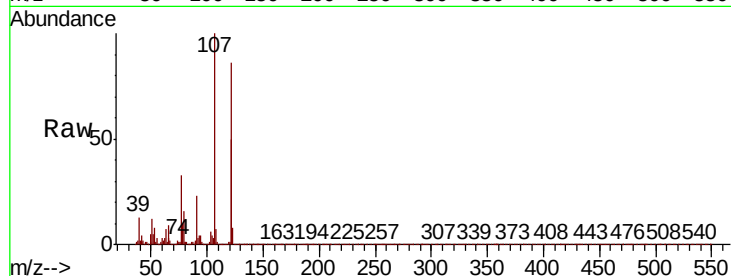




#27
2,4-Dimethylphenol
Concen: 46.133 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

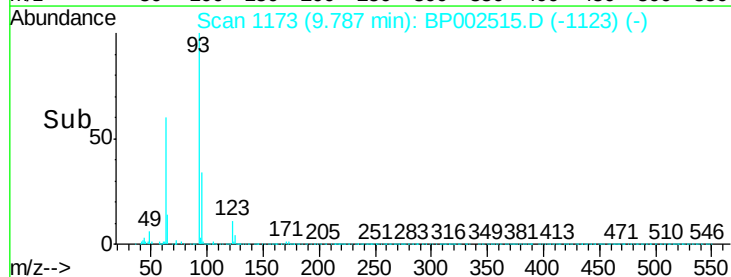
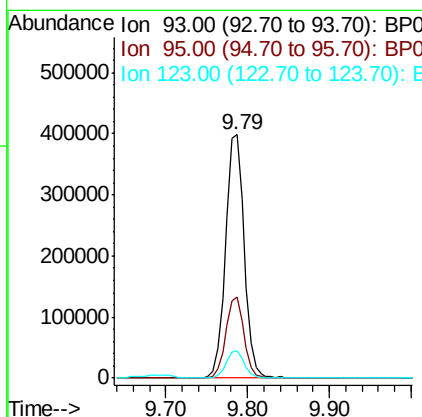
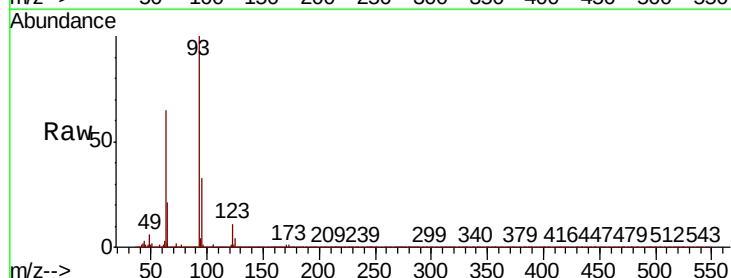
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

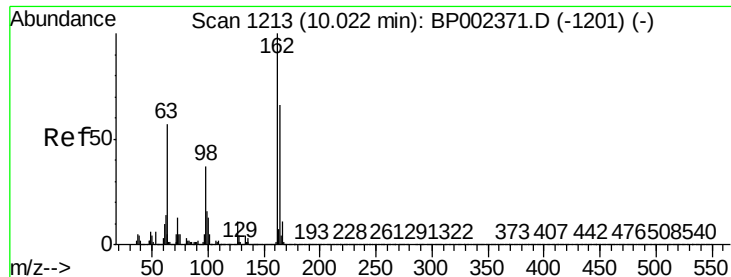
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.7	94.0	141.0
121	58.8	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.705 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.8	38.8
123	11.0	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 46.038 ng

RT: 10.02 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMSD

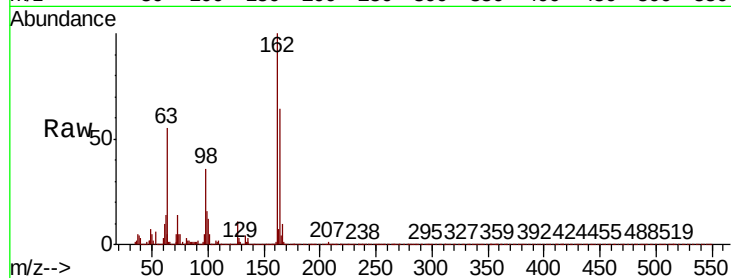
Tot Ion:162 Resp: 441538

Ion Ratio Lower Upper

162 100

164 64.3 45.5 85.5

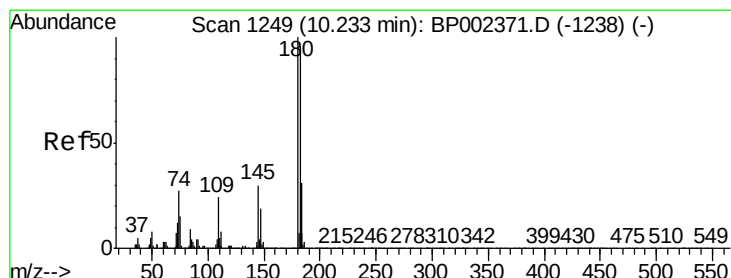
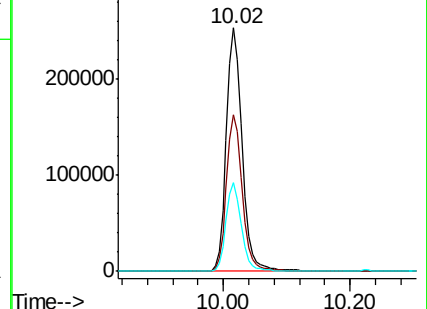
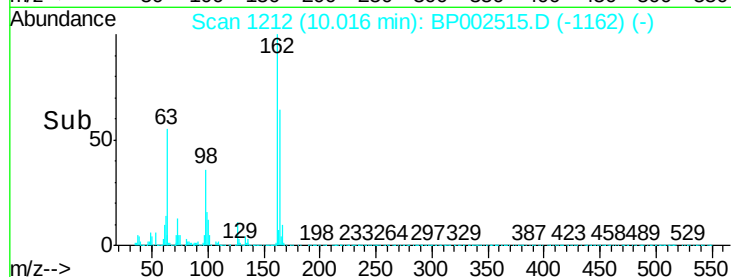
98 36.4 16.6 56.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BPO



#30

1,2,4-Trichlorobenzene

Concen: 46.271 ng

RT: 10.23 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

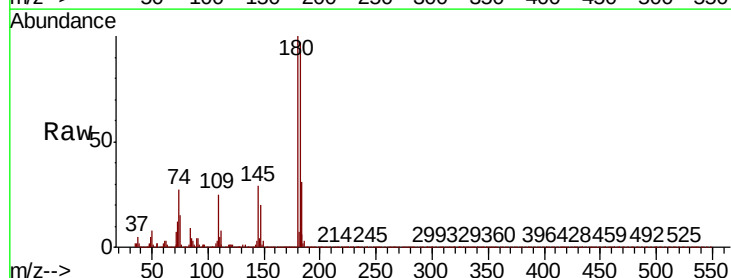
Tgt Ion:180 Resp: 494664

Ion Ratio Lower Upper

180 100

182 97.5 77.1 115.7

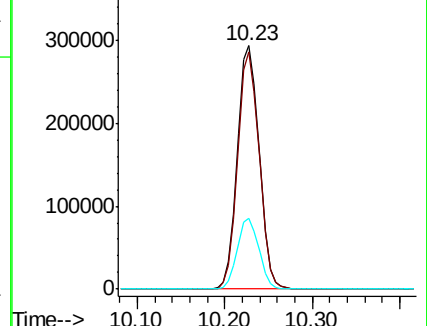
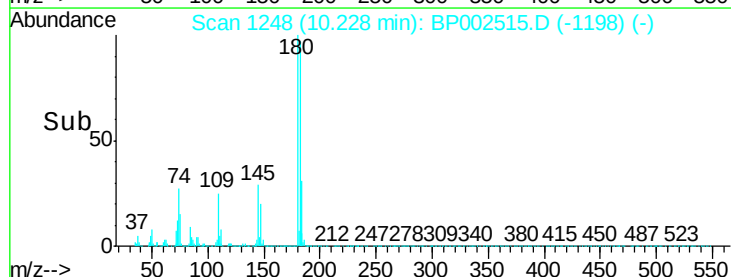
145 29.3 23.8 35.6

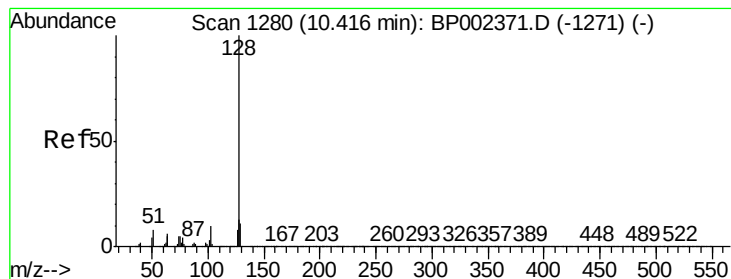


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.444 ng

RT: 10.40 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Instrument :

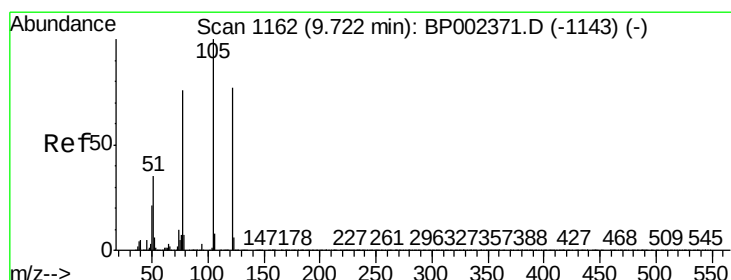
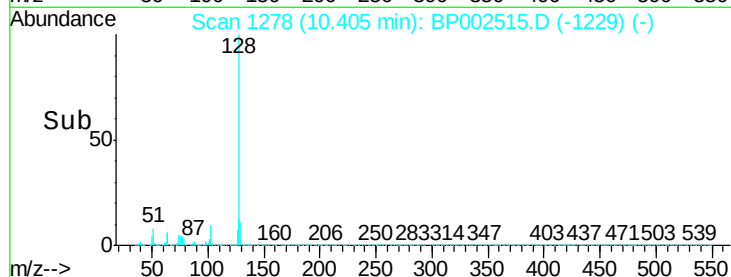
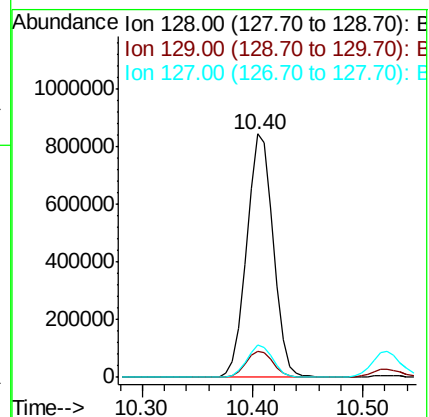
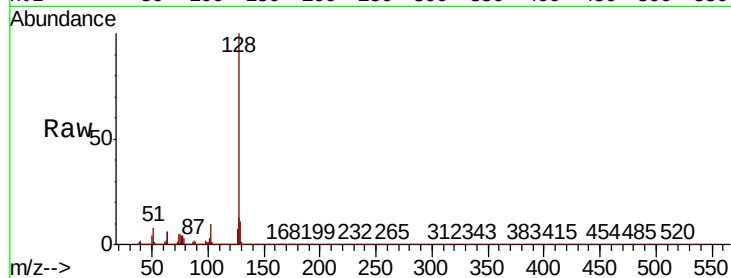
BNA_P

ClientSampleId :

SLUDGE-BOXMSD

Tot Ion:128 Resp: 1429510

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.1	10.3	15.5



#32

Benzoic acid

Concen: 28.436 ng

RT: 9.70 min Scan# 1158

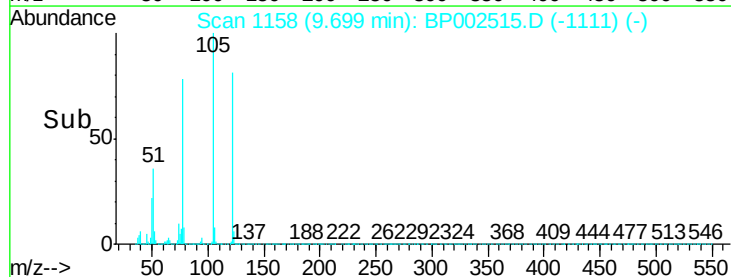
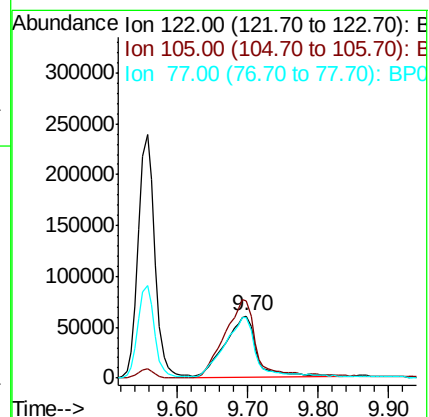
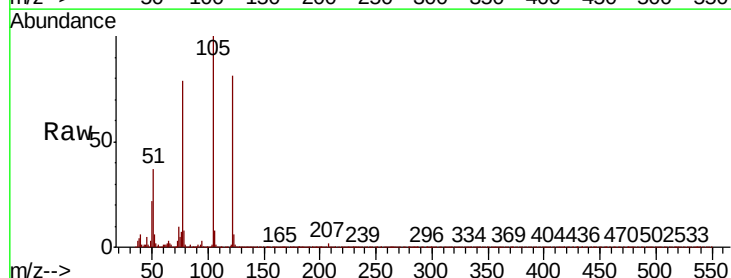
Delta R.T. -0.02 min

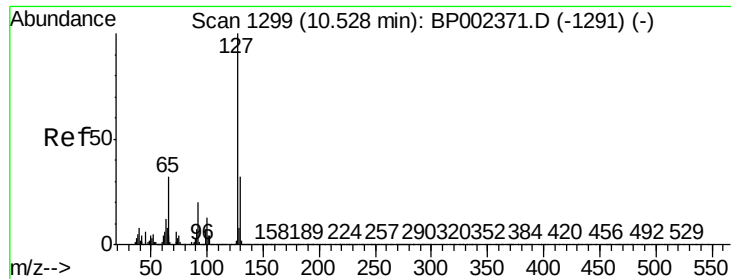
Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Tgt Ion:122 Resp: 185177

Ion	Ratio	Lower	Upper
122	100		
105	123.7	106.3	146.3
77	97.5	77.5	117.5

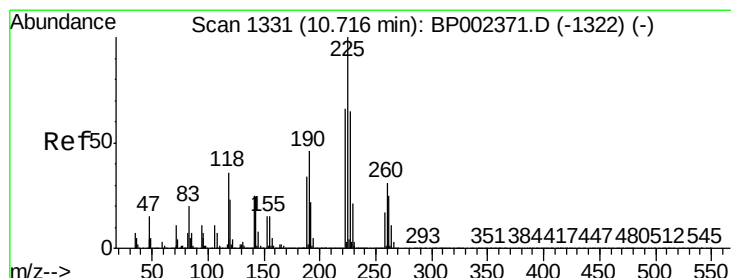
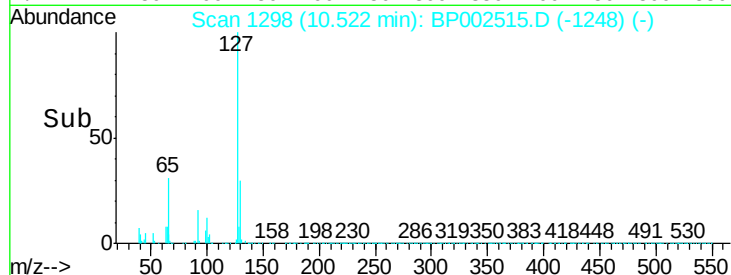
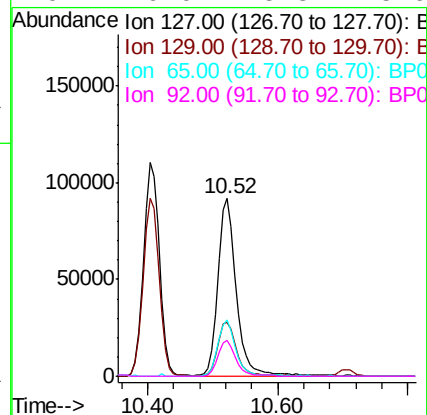
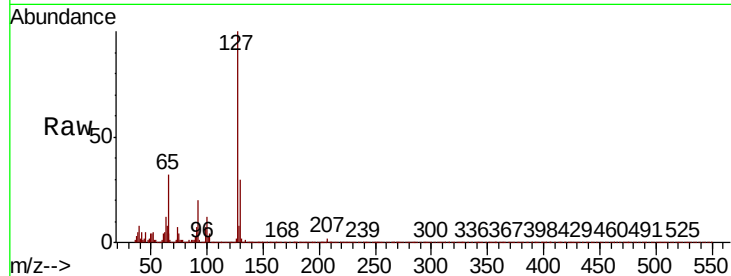




#33
4-Chloroaniline
Concen: 13.003 ng
RT: 10.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

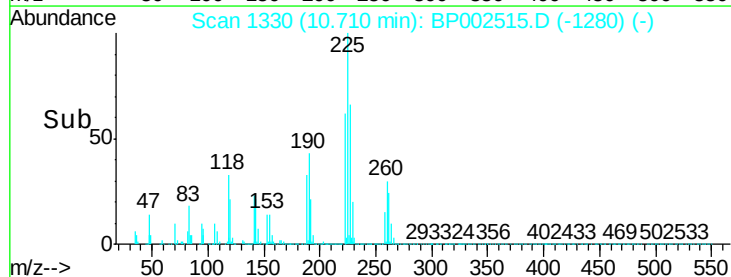
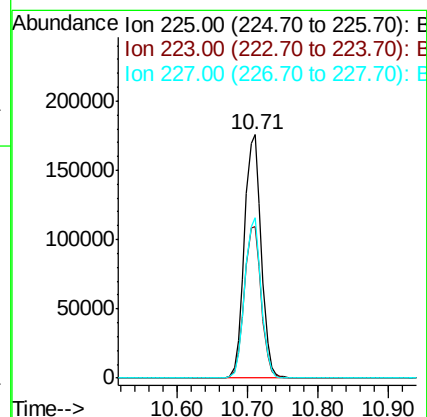
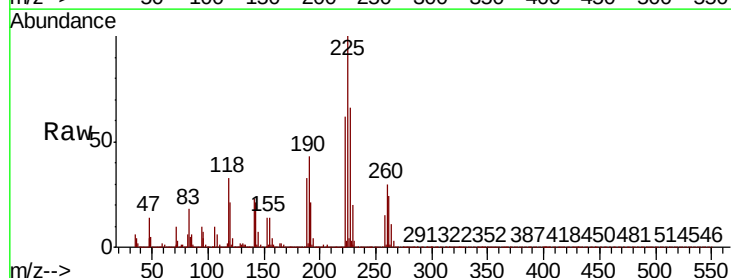
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

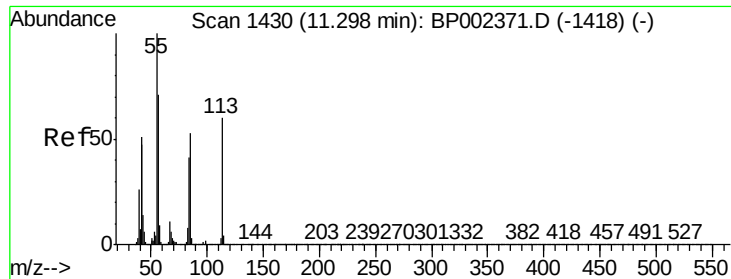
Tot Ion:	127	Resp:	178564
Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.4	38.2
65	31.5	25.3	37.9
92	20.0	15.8	23.6



#34
Hexachlorobutadiene
Concen: 46.464 ng
RT: 10.71 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion:	225	Resp:	289874
Ion	Ratio	Lower	Upper
225	100		
223	62.2	52.6	78.8
227	66.1	52.2	78.2

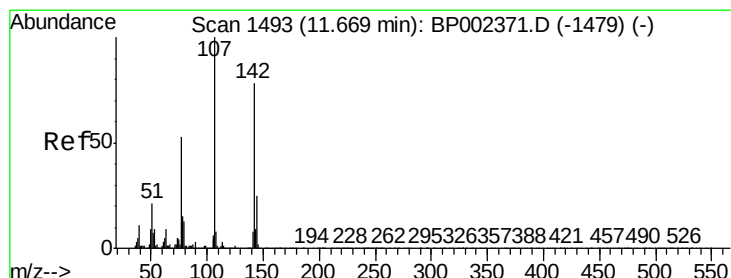
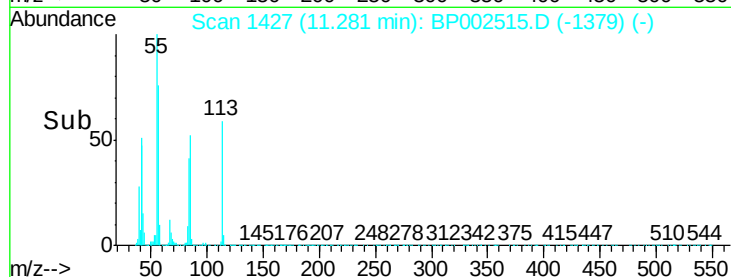
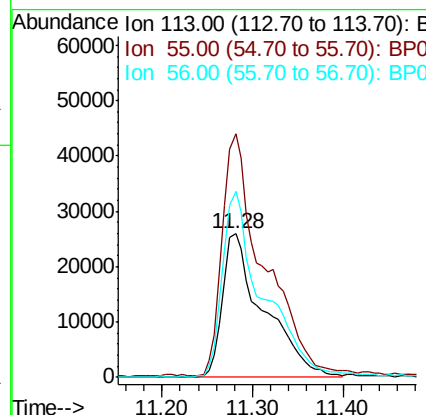
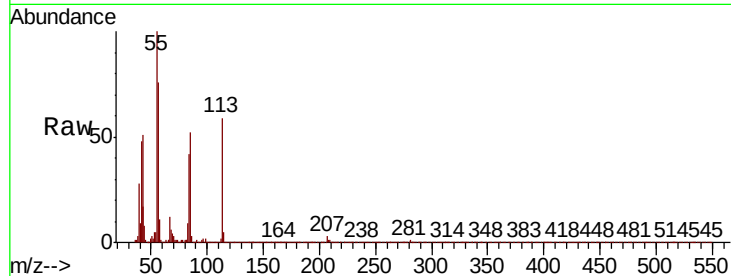




#35
 Caprolactam
 Concen: 24.205 ng
 RT: 11.28 min Scan# 1427
 Delta R.T. -0.02 min
 Lab File: BP002515.D
 Acq: 23 Jun 2020 23:17

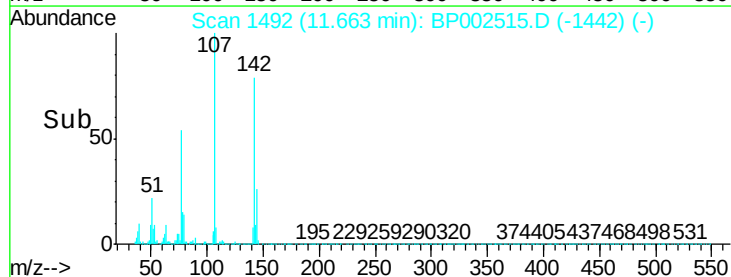
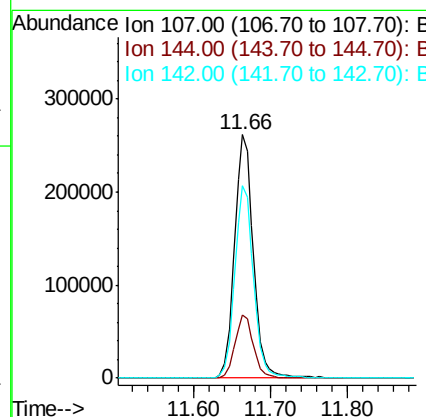
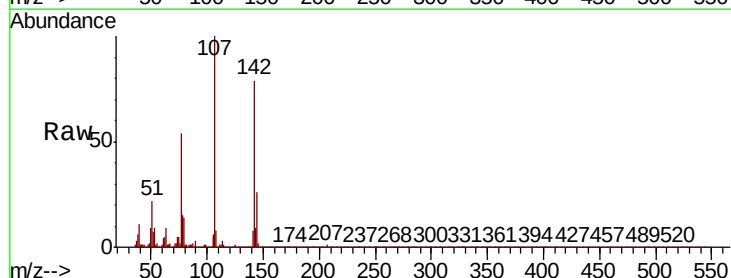
Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOXMSD

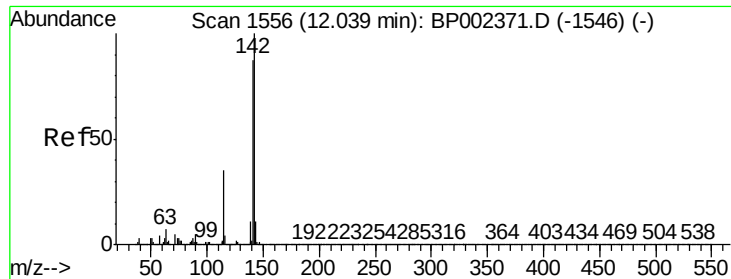
Tot Ion:113 Resp: 81878
 Ion Ratio Lower Upper
 113 100
 55 169.8 147.9 187.9
 56 129.3 99.9 139.9



#36
 4-Chloro-3-methylphenol
 Concen: 43.192 ng
 RT: 11.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BP002515.D
 Acq: 23 Jun 2020 23:17

Tgt Ion:107 Resp: 448207
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.4 30.6
 142 78.8 62.2 93.4

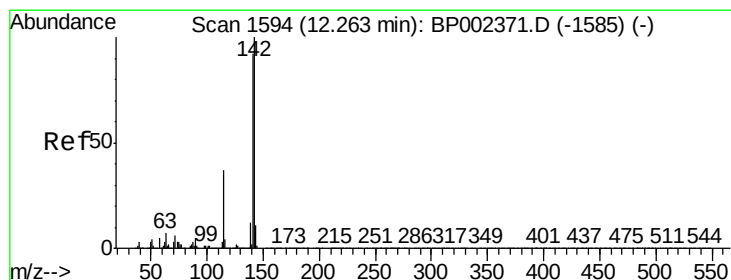
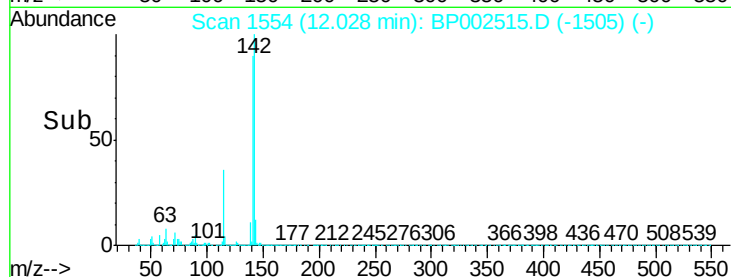
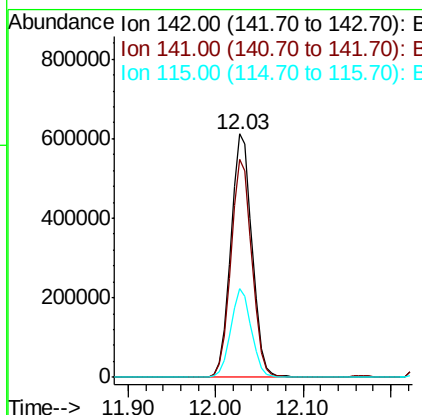
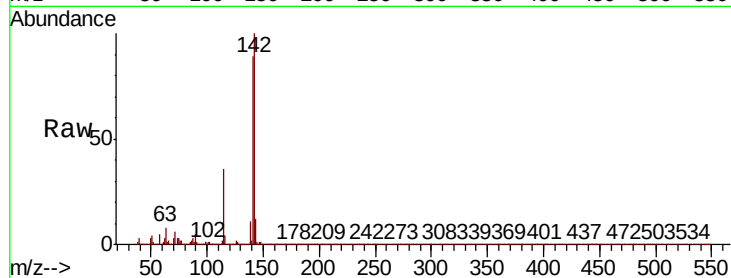




#37
2-Methylnaphthalene
Concen: 45.049 ng
RT: 12.03 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

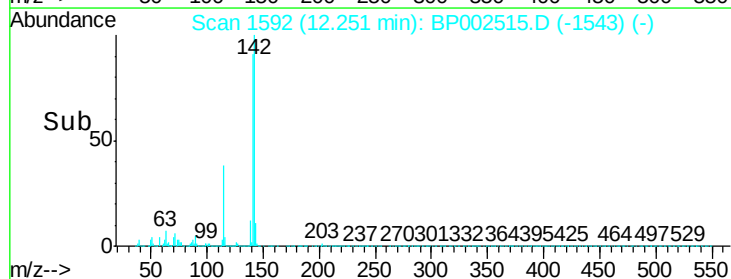
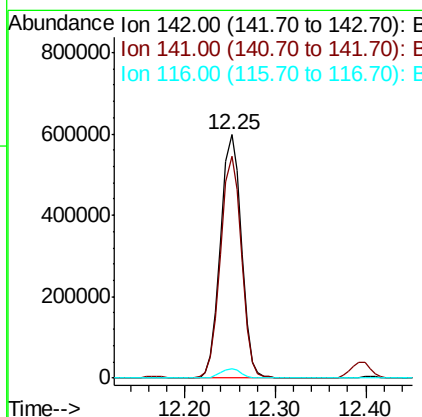
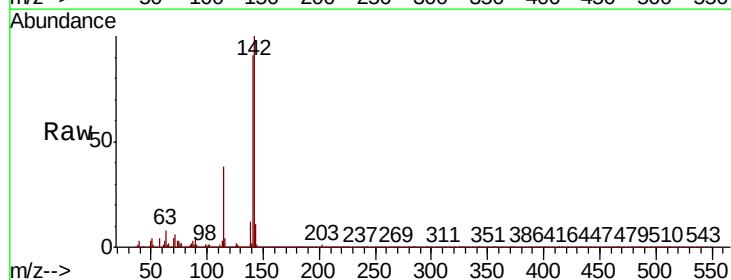
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

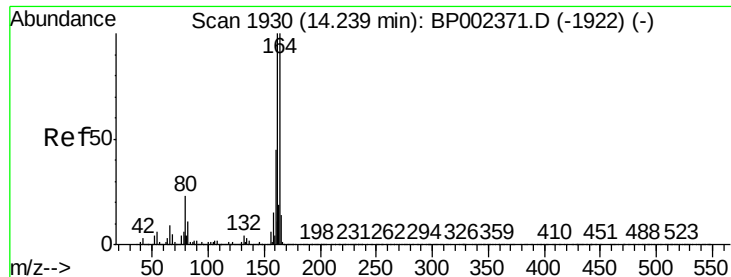
Tot Ion:142 Resp: 1005801
Ion Ratio Lower Upper
142 100
141 89.4 69.7 104.5
115 36.3 27.8 41.8



#38
1-Methylnaphthalene
Concen: 45.742 ng
RT: 12.25 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion:142 Resp: 958574
Ion Ratio Lower Upper
142 100
141 91.3 73.6 110.4
116 3.9 3.1 4.7

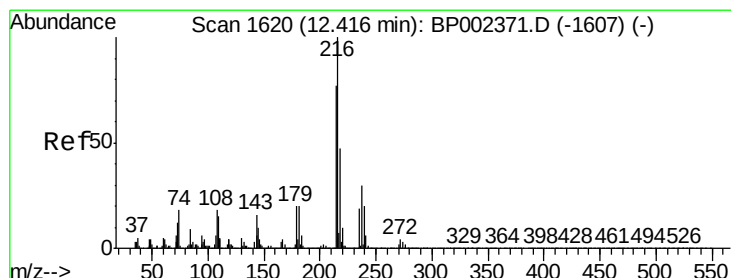
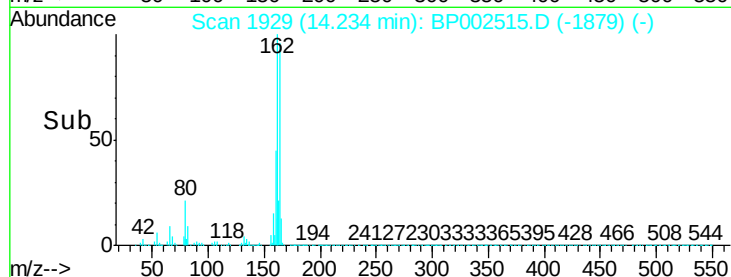
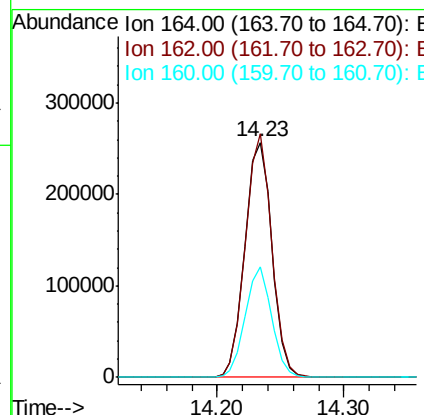
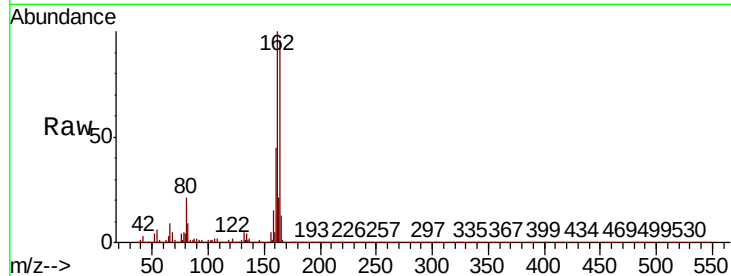




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

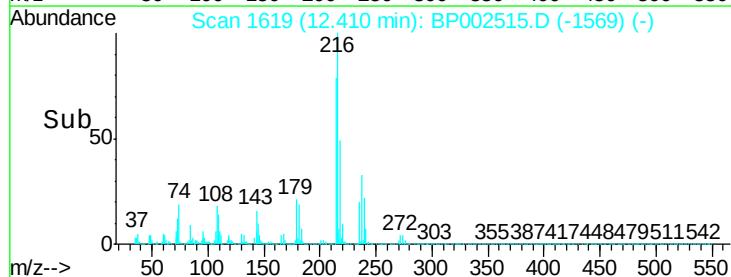
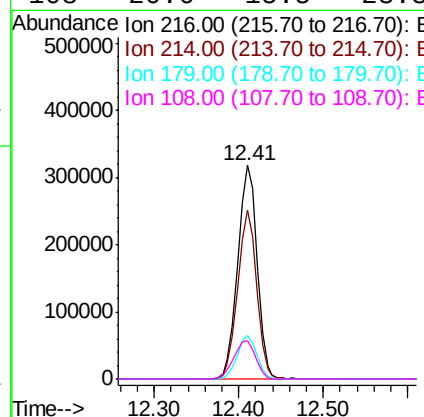
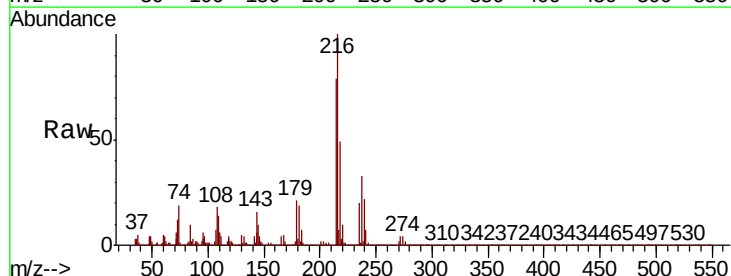
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

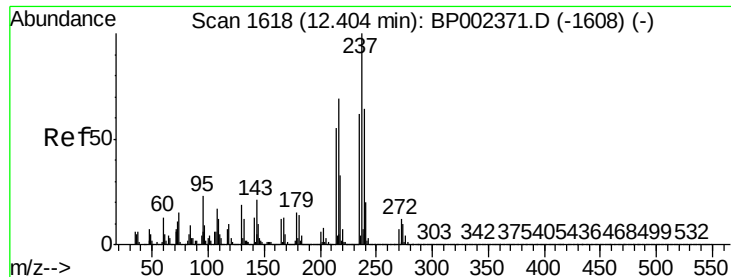
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	79.8	119.8
160	47.0	36.2	54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.363 ng
RT: 12.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.6	62.6	94.0
179	20.4	16.4	24.6
108	20.6	15.5	23.3

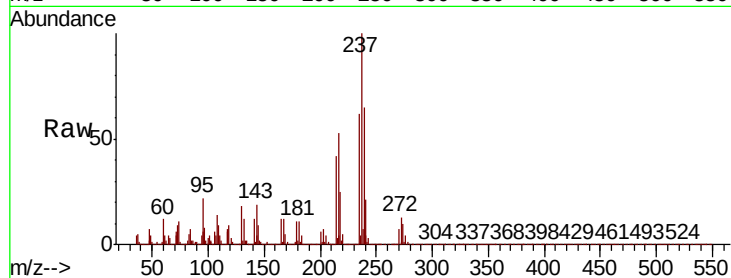




#41
Hexachlorocyclopentadiene
Concen: 89.670 ng
RT: 12.40 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.0	82.0
272	13.1	0.0	32.5

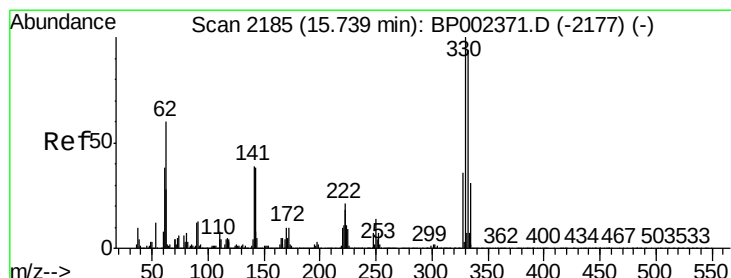
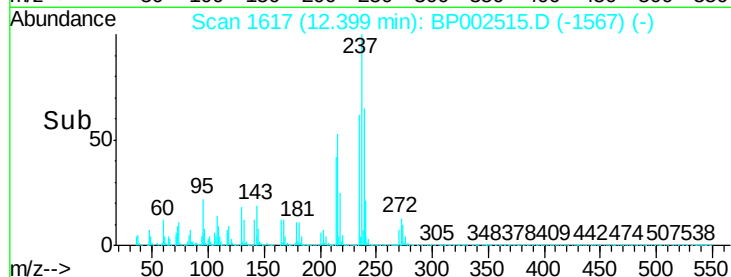
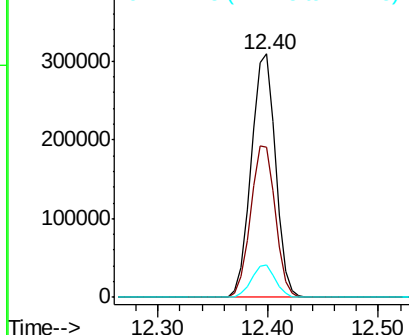


Abundance

Ion 236.80 (236.50 to 237.50): E

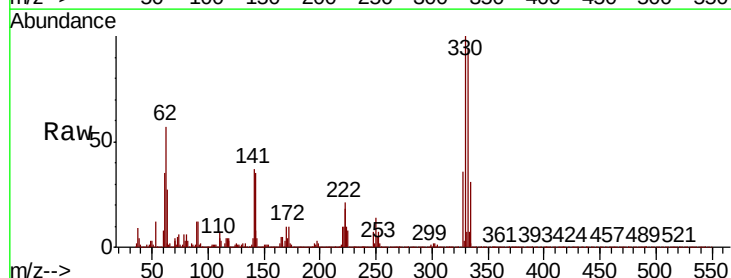
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 131.137 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	36.6	30.3	45.5

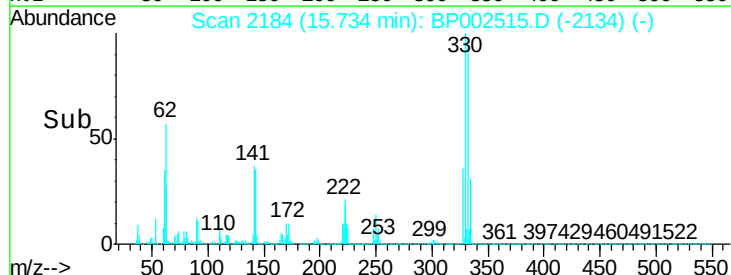
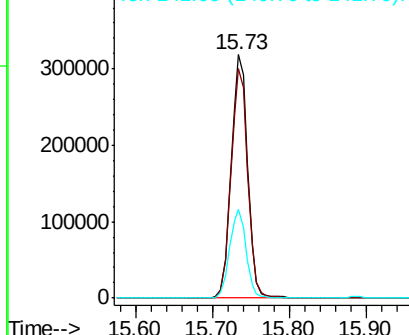


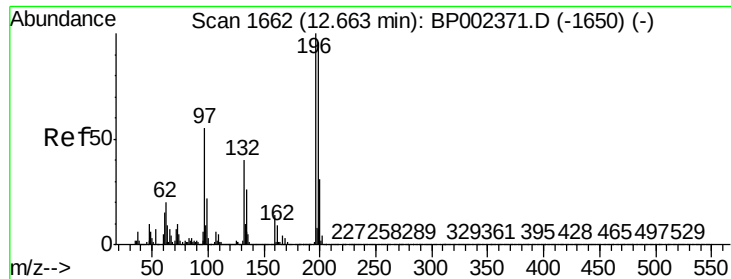
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

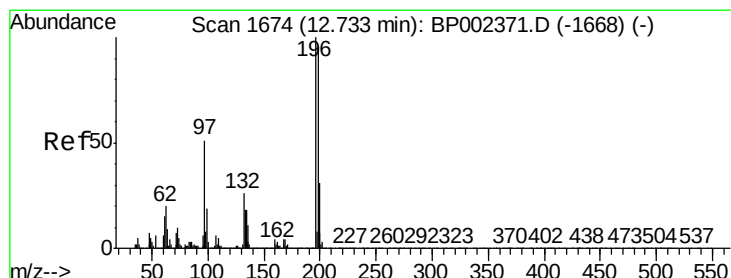
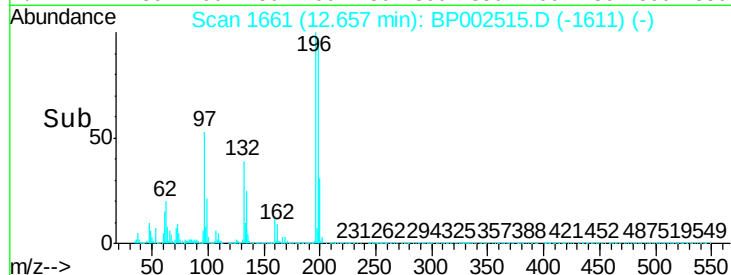
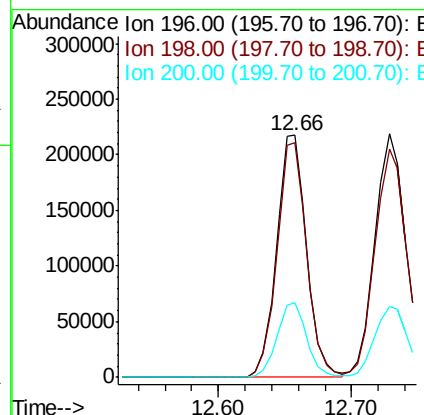
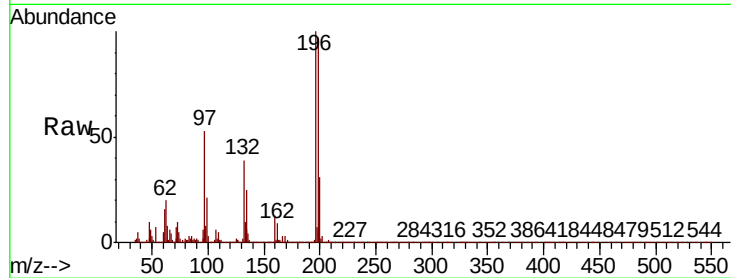




#43
 2,4,6-Trichlorophenol
 Concen: 47.865 ng
 RT: 12.66 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BP002515.D
 Acq: 23 Jun 2020 23:17

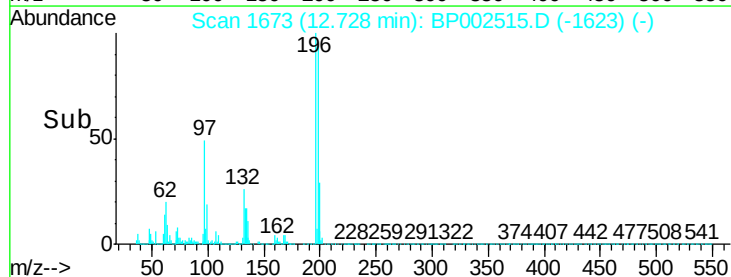
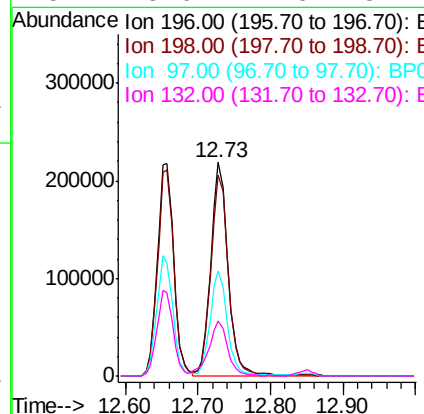
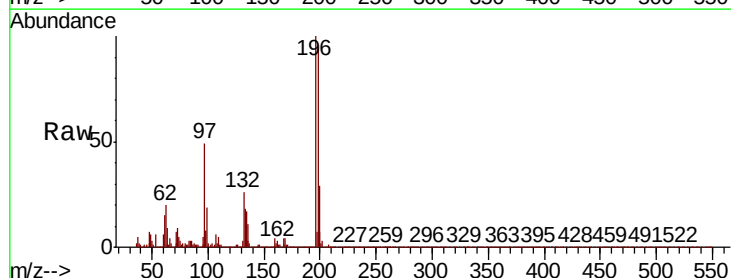
Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOXMSD

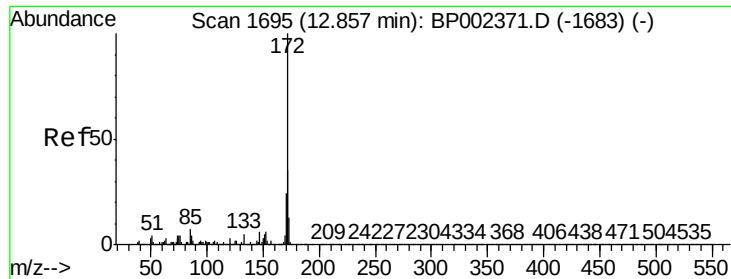
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.6	115.0
200	30.6	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 44.237 ng
 RT: 12.73 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BP002515.D
 Acq: 23 Jun 2020 23:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	76.2	114.2
97	49.4	40.6	61.0
132	25.6	21.0	31.4

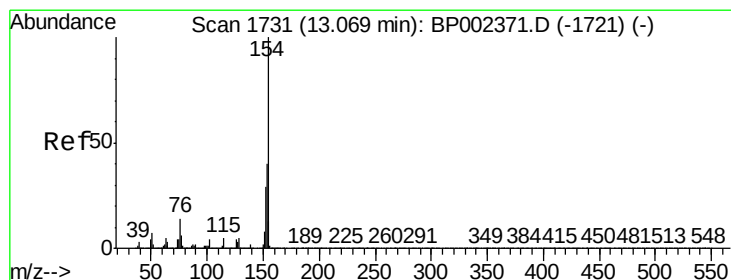
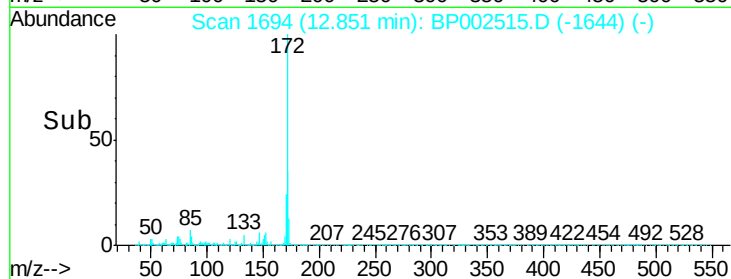
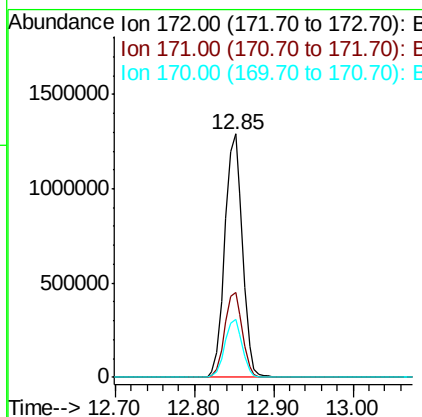
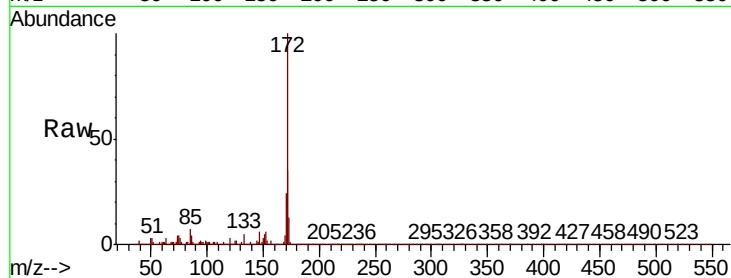




#45
2-Fluorobiphenyl
Concen: 87.411 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

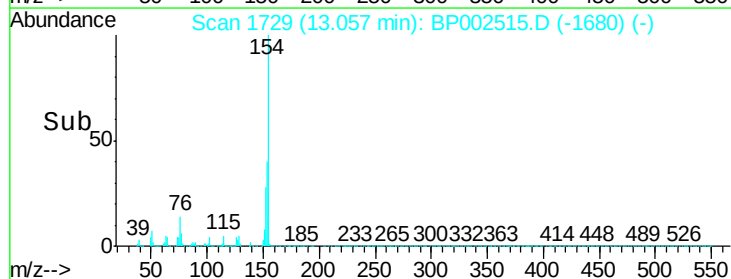
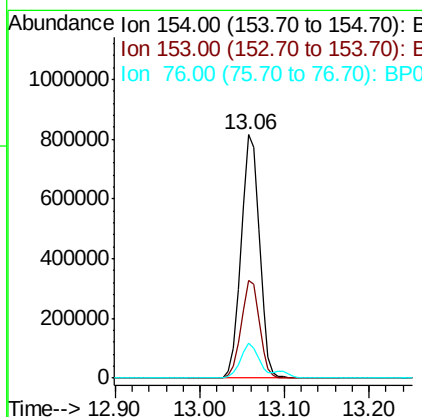
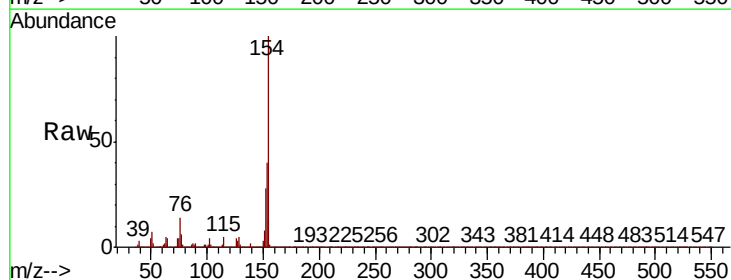
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

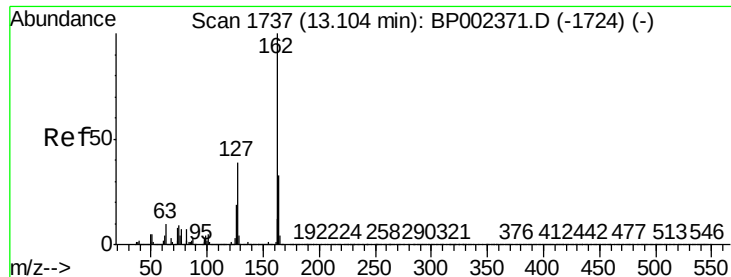
Tot Ion:172 Resp: 1980072
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 48.613 ng
RT: 13.06 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion:154 Resp: 1213489
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 14.3 0.0 34.2

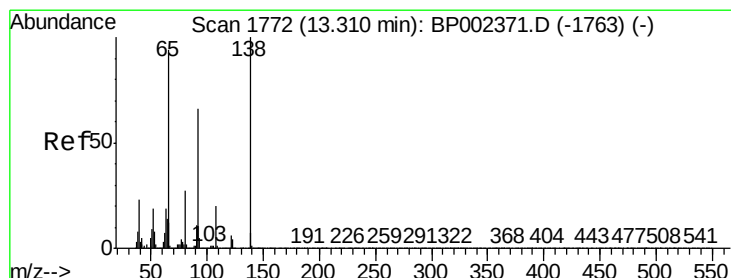
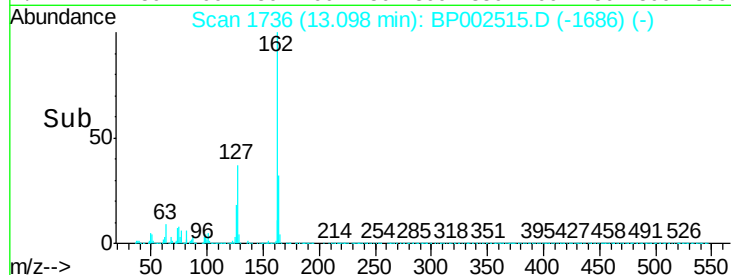
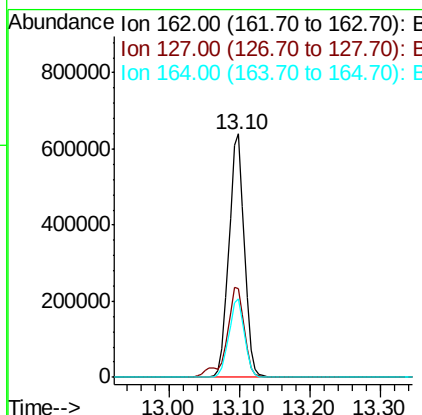
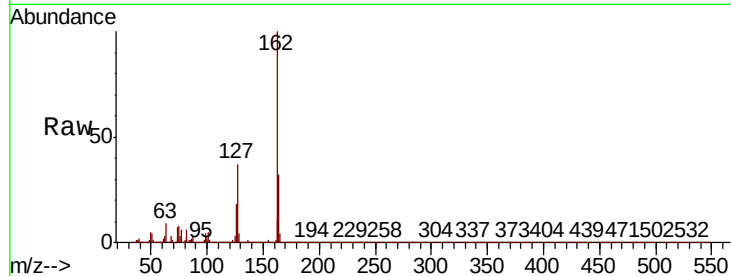




#47
2-Chloronaphthalene
Concen: 47.560 ng
RT: 13.10 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

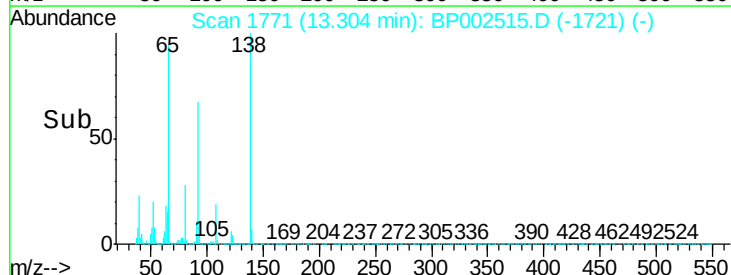
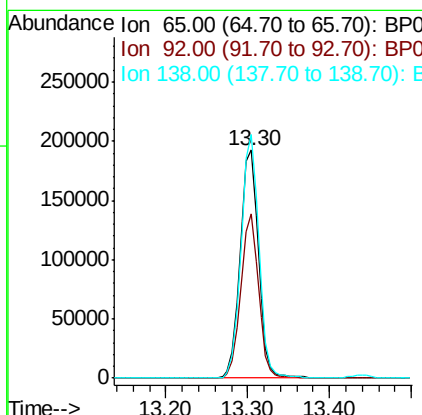
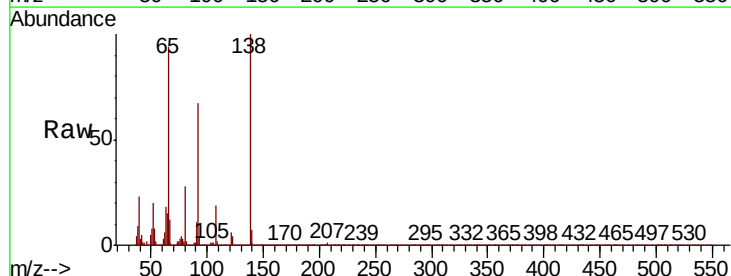
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

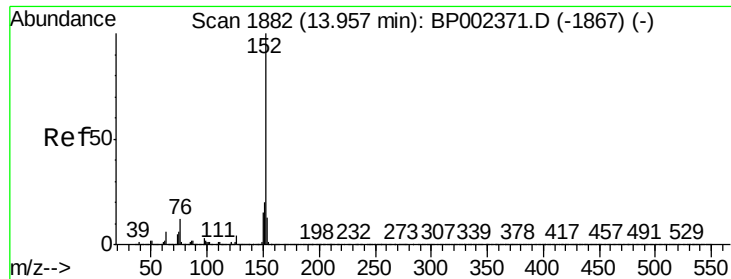
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.7	31.0	46.4
164	32.2	26.6	40.0



#48
2-Nitroaniline
Concen: 46.347 ng
RT: 13.30 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	56.3	84.5
138	106.7	85.0	127.6





#49

Acenaphthylene

Concen: 46.169 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Instrument :

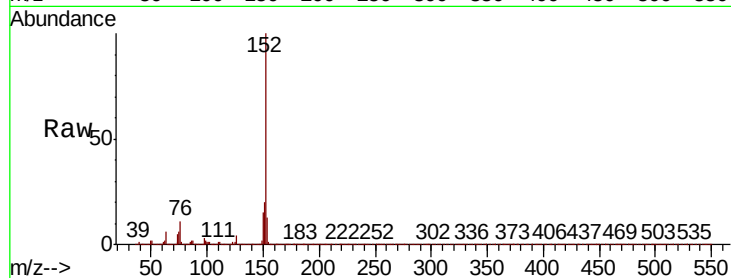
BNA_P

ClientSampleId :

SLUDGE-BOXMSD

Tot Ion:152 Resp: 1504646

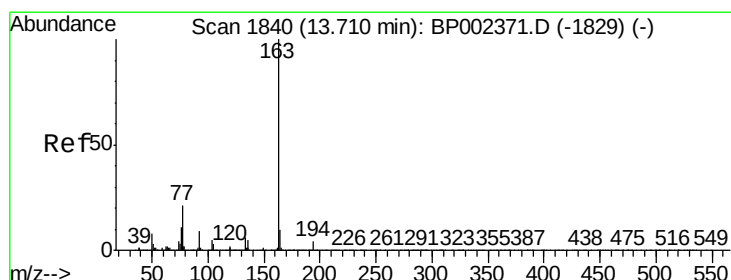
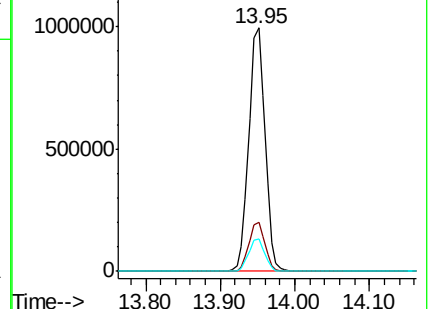
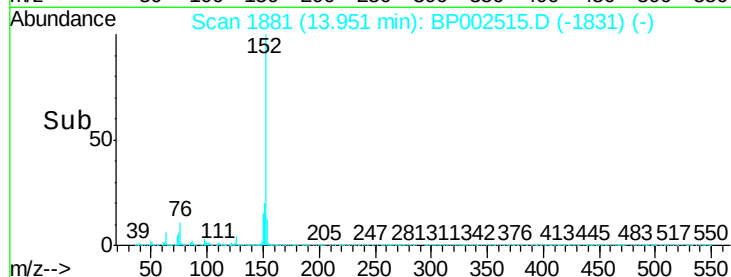
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.1	10.5	15.7



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: 54.650 ng

RT: 13.70 min Scan# 1838

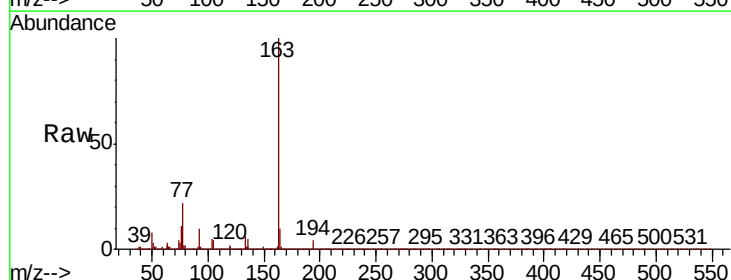
Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Tgt Ion:163 Resp: 1426267

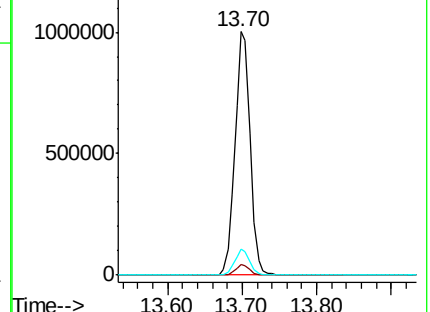
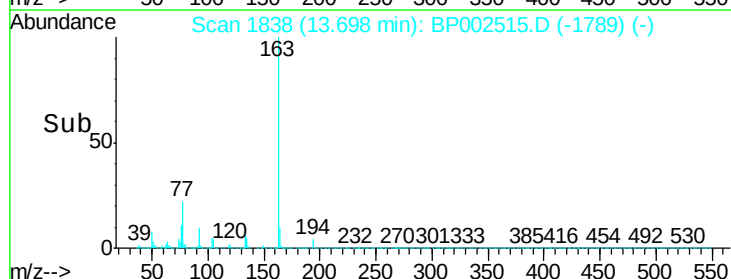
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.4	8.1	12.1

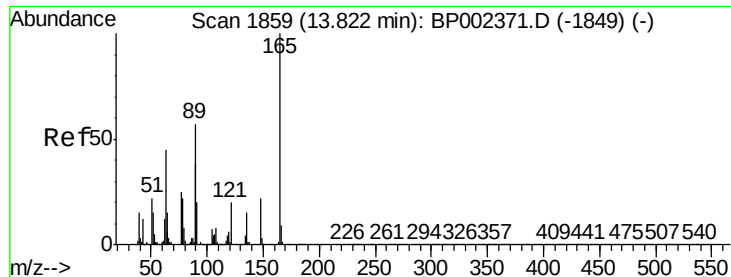


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

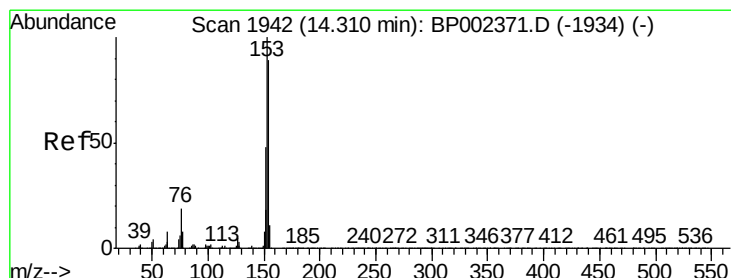
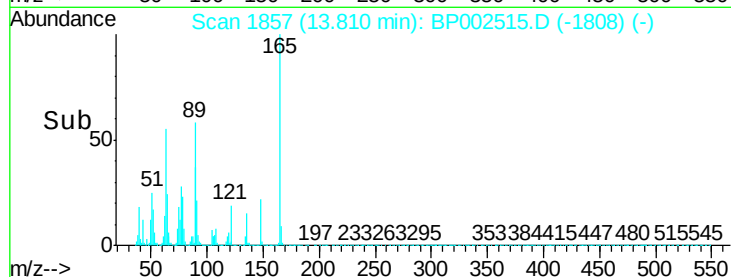
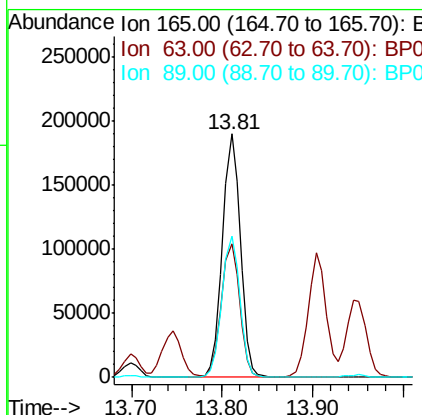
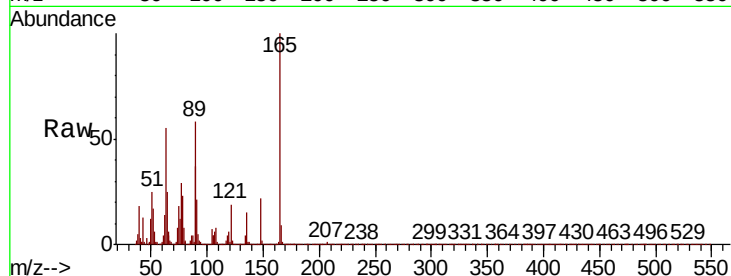




#51
2,6-Dinitrotoluene
Concen: 46.161 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

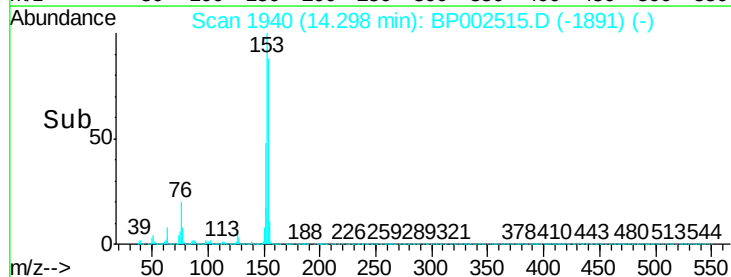
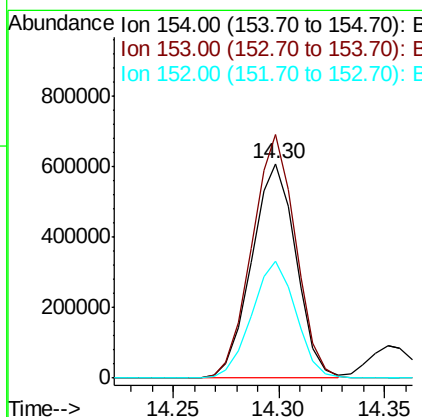
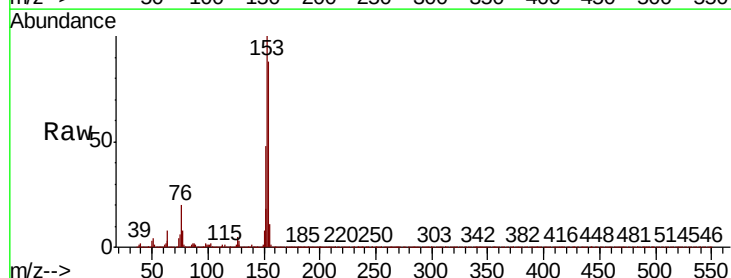
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

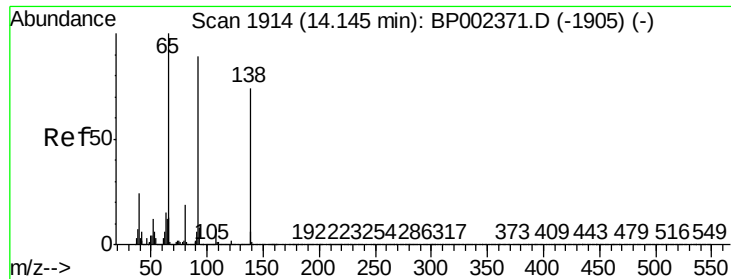
Tot Ion	Ratio	Lower	Upper
165	100		
63	55.0	43.1	64.7
89	58.0	45.3	67.9



#52
Acenaphthene
Concen: 46.580 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.5	134.3
152	54.3	43.3	64.9

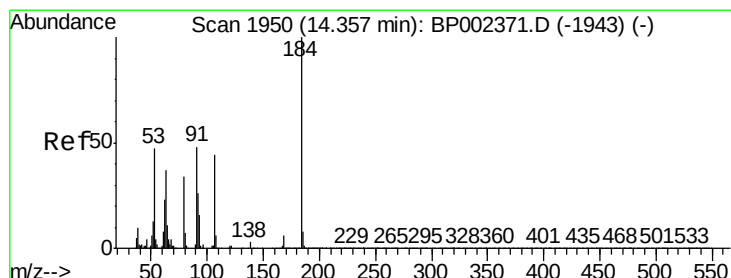
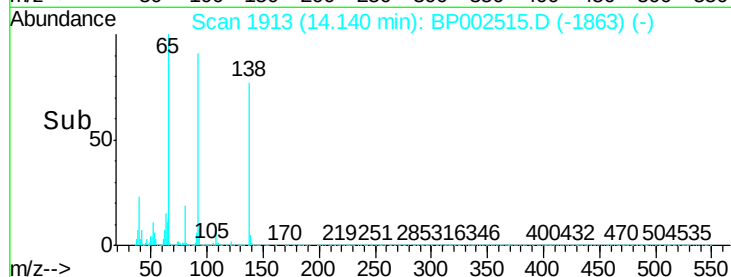
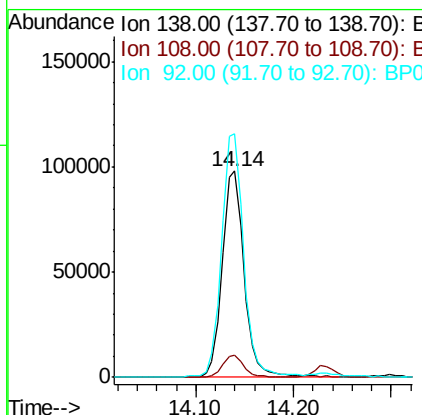
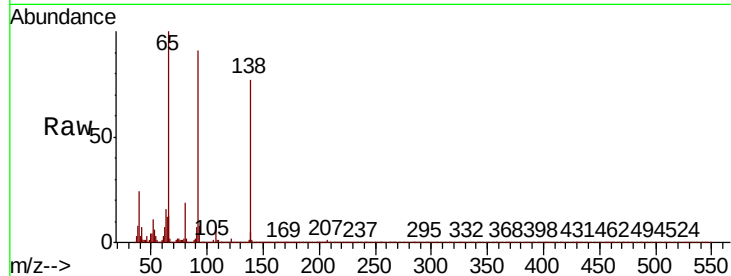




#53
3-Nitroaniline
Concen: 23.546 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

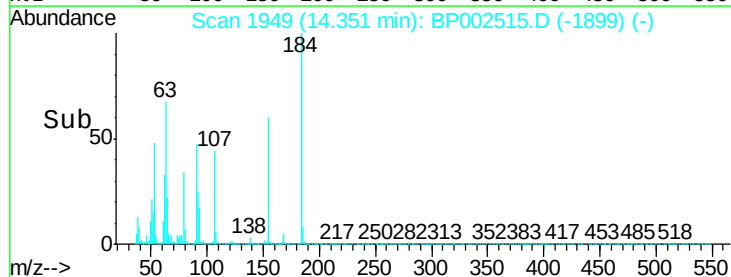
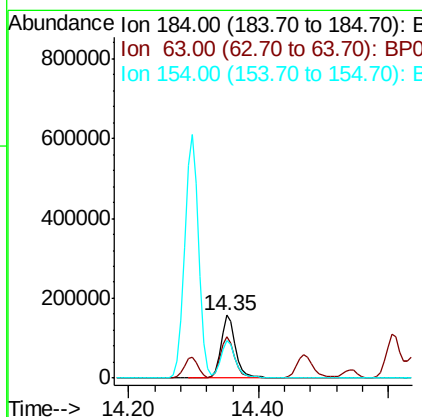
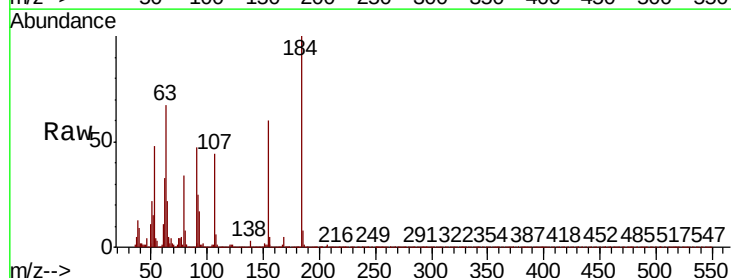
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

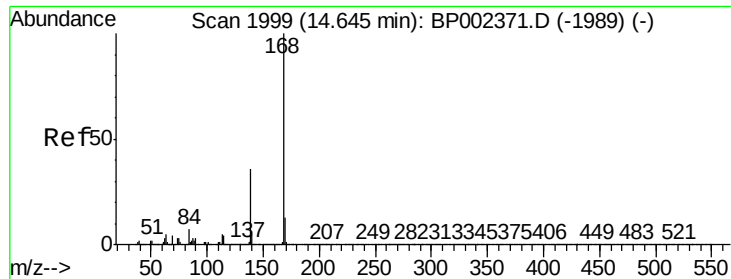
Tot Ion:138 Resp: 152386
Ion Ratio Lower Upper
138 100
108 10.8 8.0 12.0
92 118.2 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 74.133 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion:184 Resp: 246976
Ion Ratio Lower Upper
184 100
63 66.7 52.3 78.5
154 59.6 48.6 72.8

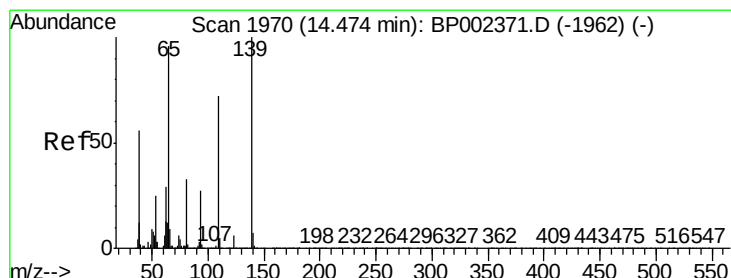
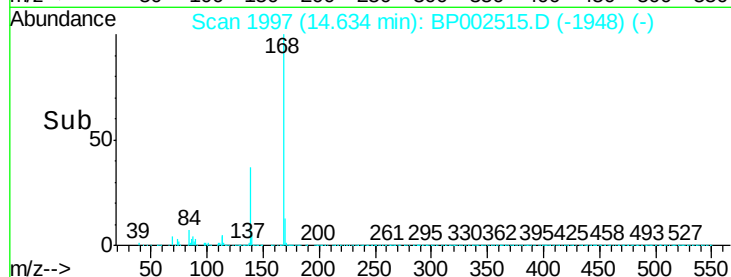
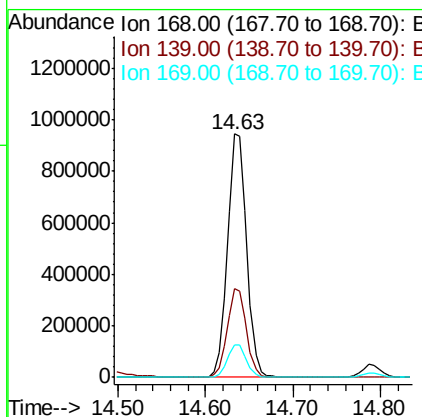
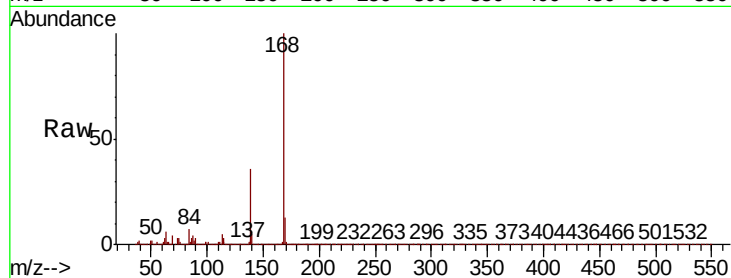




#55
Dibenzenofuran
Concen: 45.986 ng
RT: 14.63 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

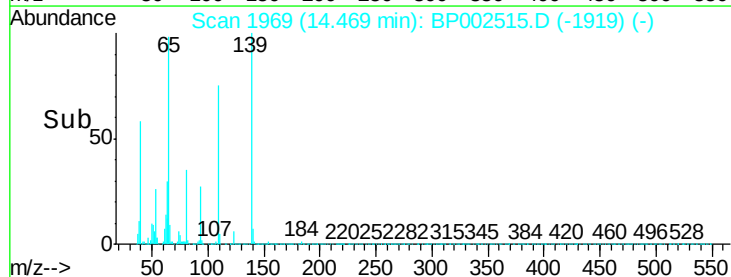
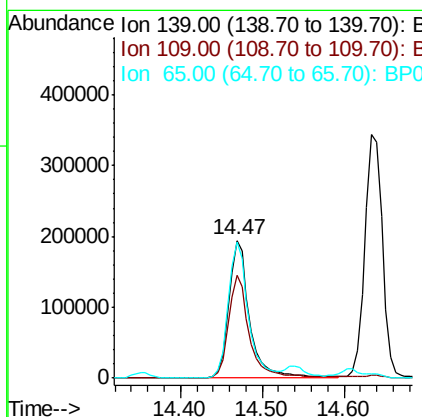
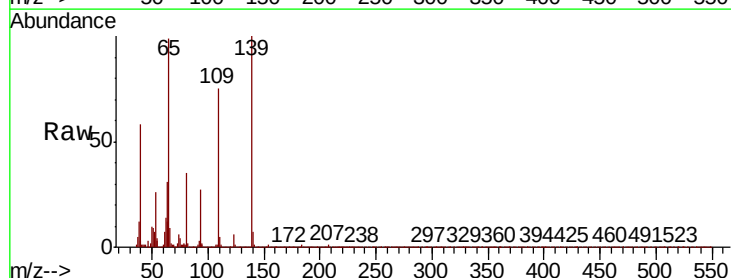
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

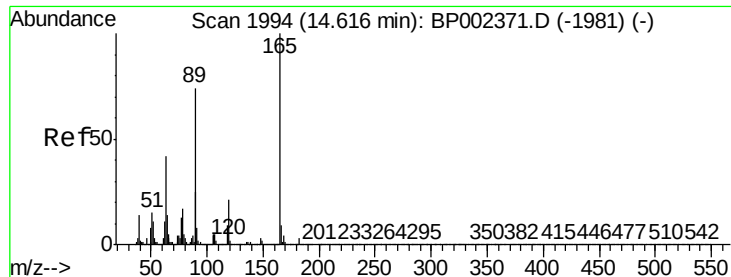
Tot Ion:168 Resp: 1413539
Ion Ratio Lower Upper
168 100
139 36.4 28.9 43.3
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 66.973 ng
RT: 14.47 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion:139 Resp: 344140
Ion Ratio Lower Upper
139 100
109 75.0 52.0 92.0
65 99.2 76.3 116.3

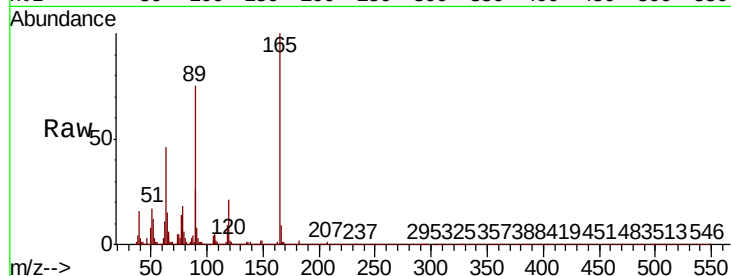




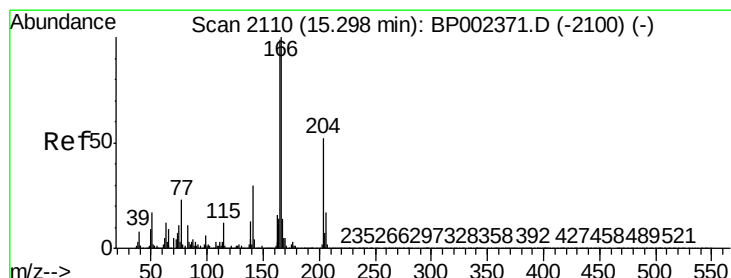
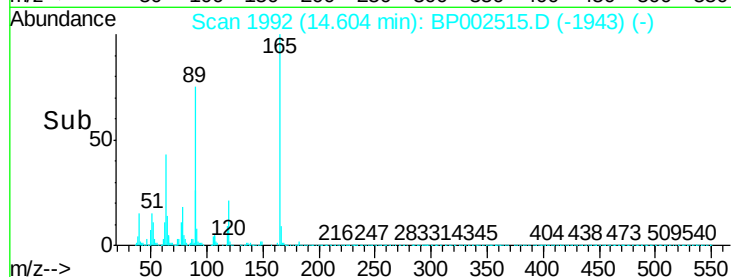
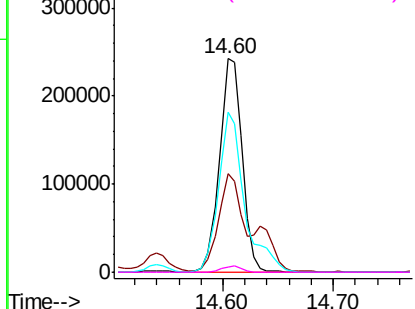
#57
2,4-Dinitrotoluene
Concen: 44.928 ng
RT: 14.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

Tot Ion:165 Resp: 346616
Ion Ratio Lower Upper
165 100
63 46.0 34.2 51.2
89 75.2 59.3 88.9
182 2.5 2.3 3.5

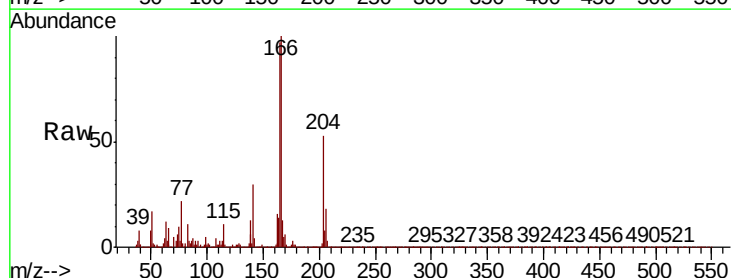


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

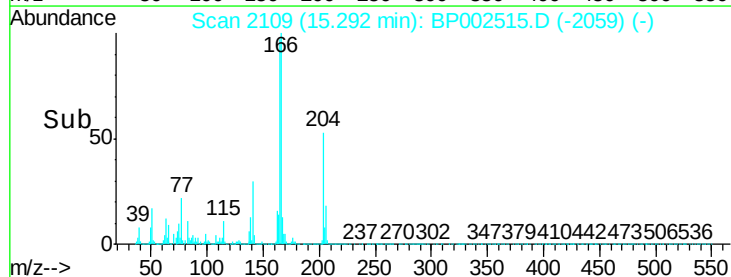
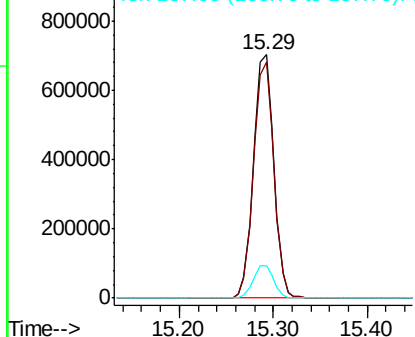


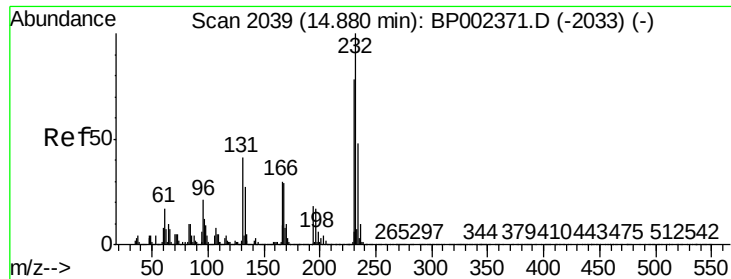
#58
Fluorene
Concen: 43.544 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion:166 Resp: 1052781
Ion Ratio Lower Upper
166 100
165 97.2 79.1 118.7
167 13.4 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

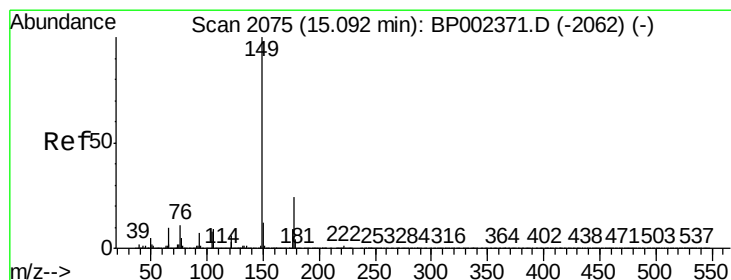
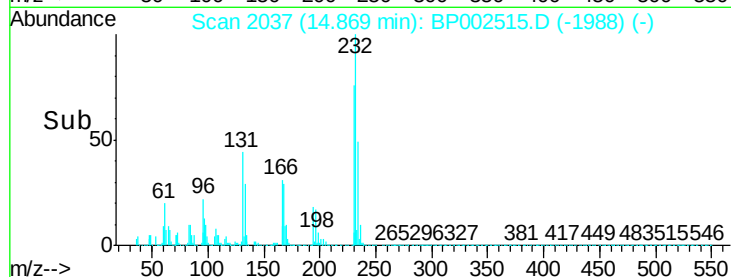
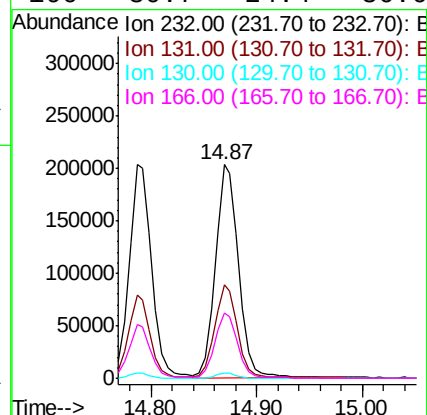
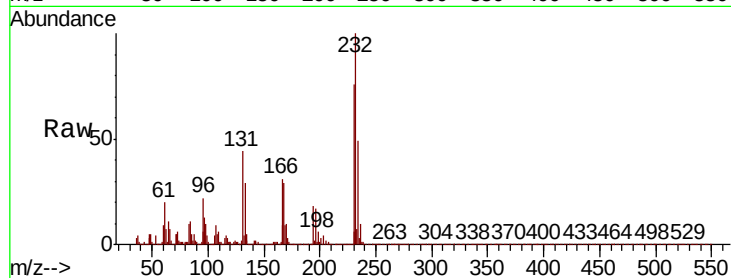




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.538 ng
RT: 14.87 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

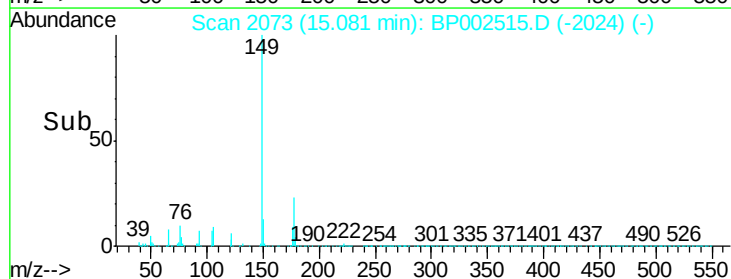
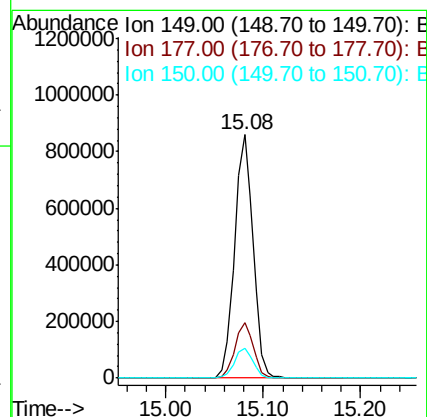
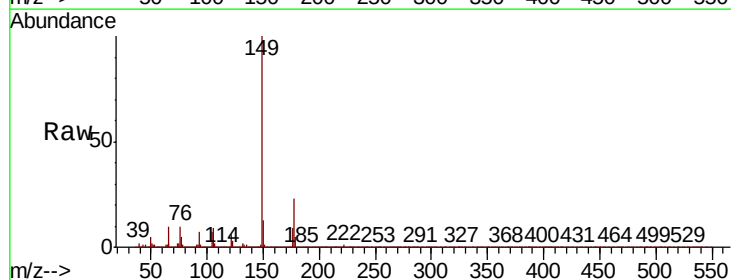
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

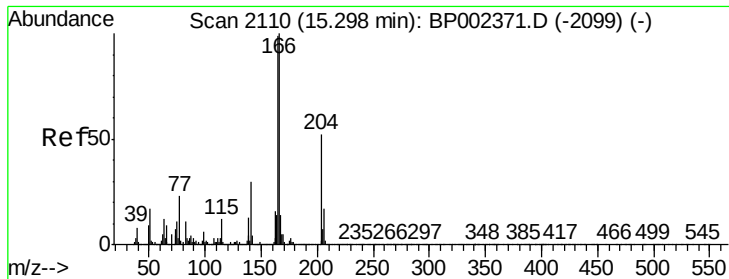
Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	35.1	52.7
130	2.3	1.8	2.8
166	30.7	24.4	36.6



#60
Diethylphthalate
Concen: 43.183 ng
RT: 15.08 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.9	28.3
150	12.5	9.9	14.9

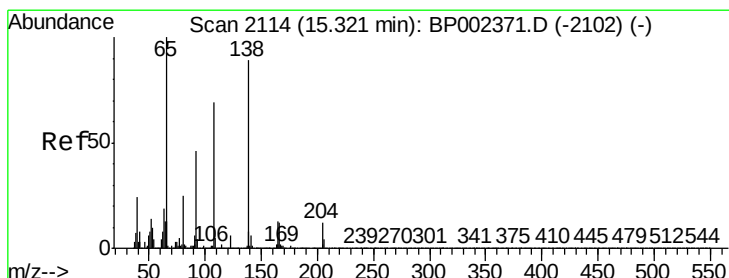
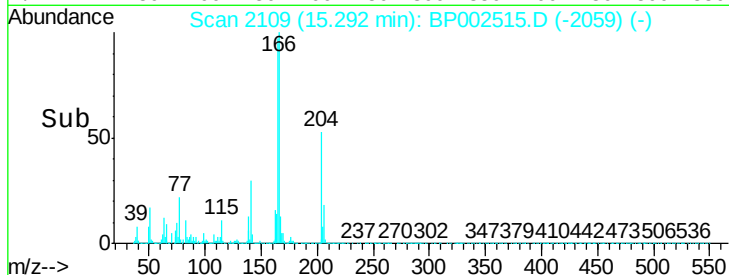
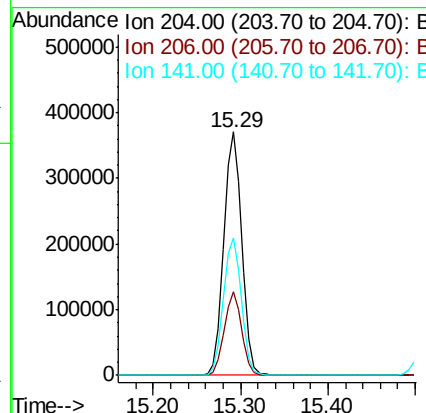
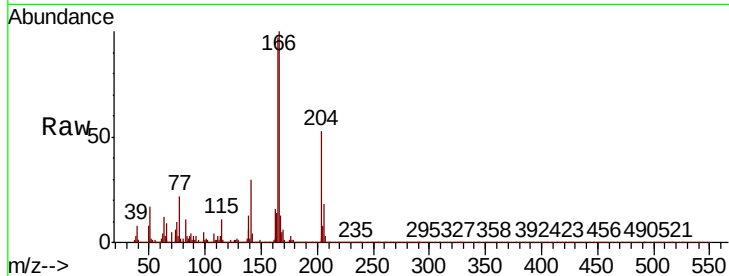




#61
4-Chlorophenyl-phenylether
Concen: 45.032 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

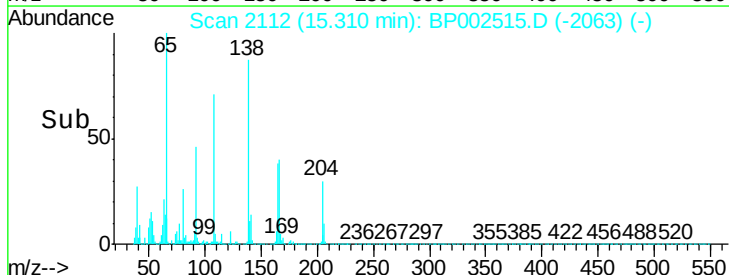
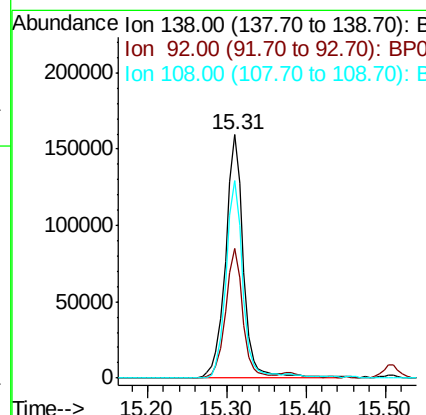
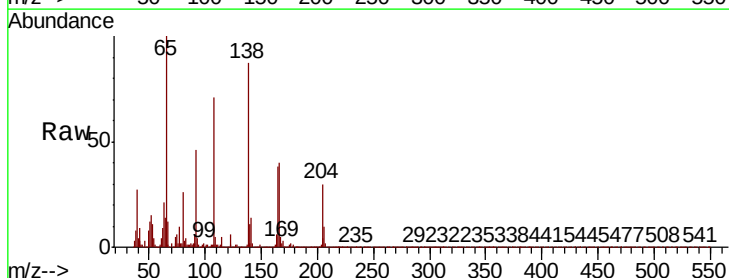
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

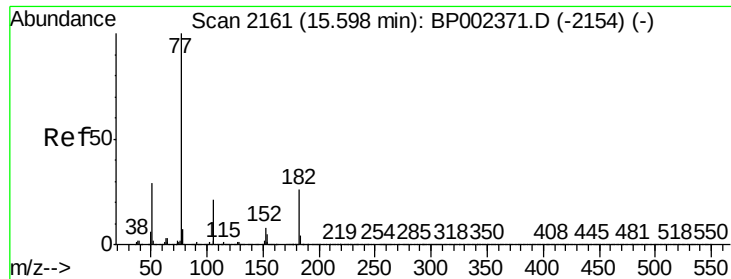
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.8	40.2
141	56.3	46.6	69.8



#62
4-Nitroaniline
Concen: 40.100 ng
RT: 15.31 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.1	31.7	71.7
108	81.3	57.5	97.5





#63

Azobenzene

Concen: 45.179 ng

RT: 15.59 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Instrument :

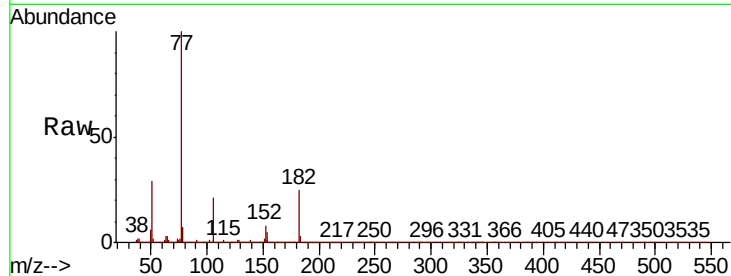
BNA_P

ClientSampleId :

SLUDGE-BOXMSD

Tot Ion: 77 Resp: 1175991

Ion	Ratio	Lower	Upper
77	100		
182	25.0	6.0	46.0
105	20.7	1.3	41.3
51	28.9	8.7	48.7

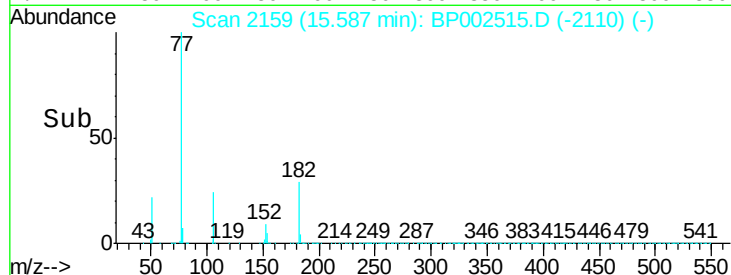


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



15.59

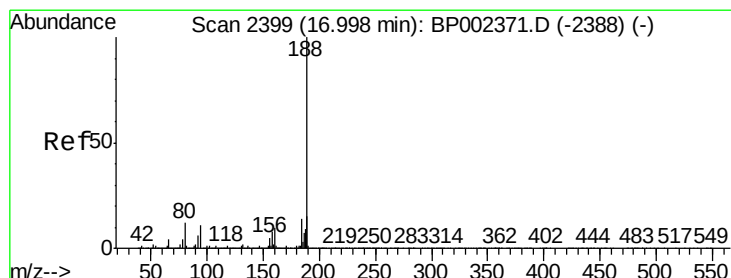
1000000

500000

0

15.50 15.60 15.70

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2398

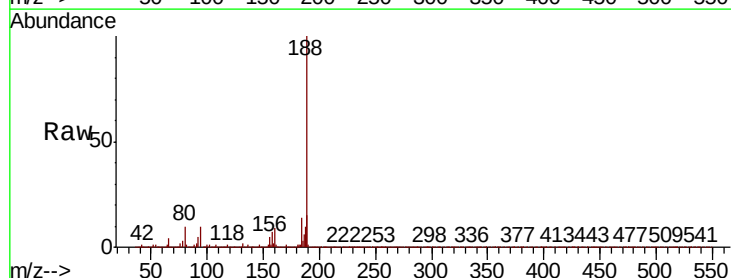
Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Tgt Ion: 188 Resp: 794366

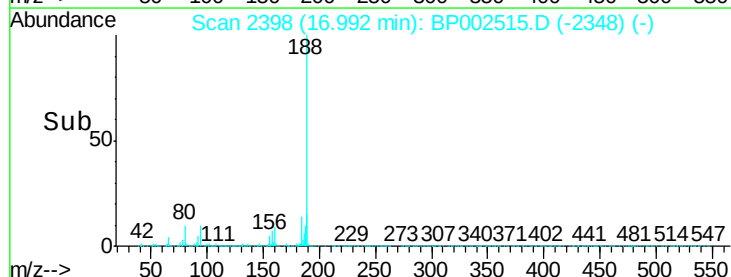
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.4	9.4	14.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



16.99

600000

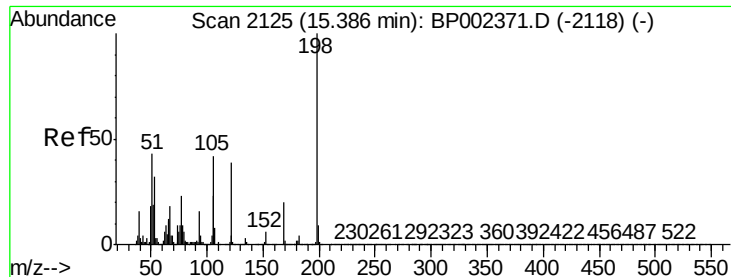
400000

200000

0

16.90 17.00 17.10

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 43.432 ng

RT: 15.38 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMSD

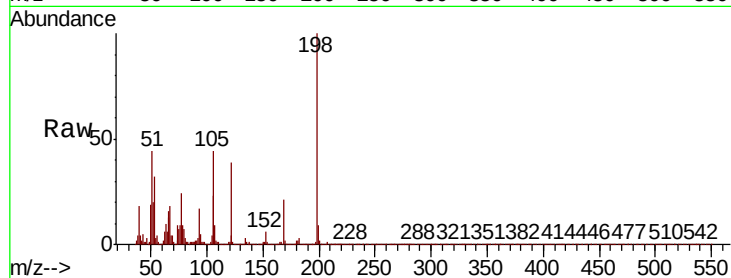
Tot Ion:198 Resp: 182058

Ion Ratio Lower Upper

198 100

51 44.3 23.4 63.4

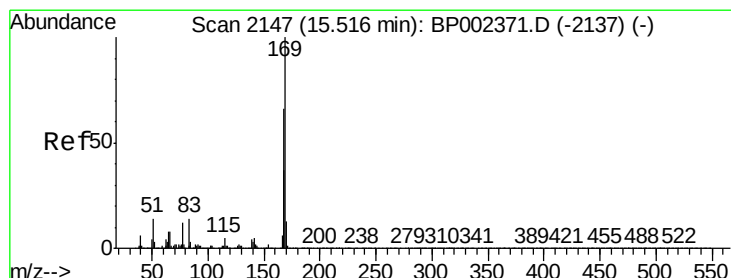
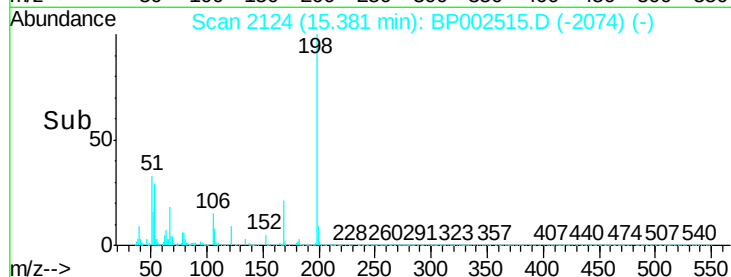
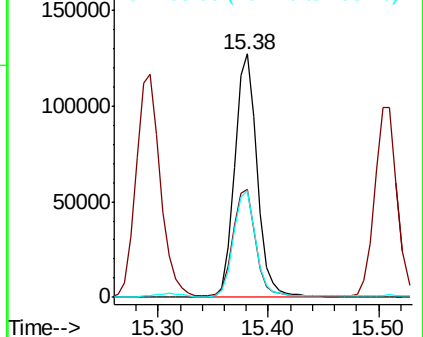
105 43.8 22.5 62.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BPO

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.554 ng

RT: 15.51 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

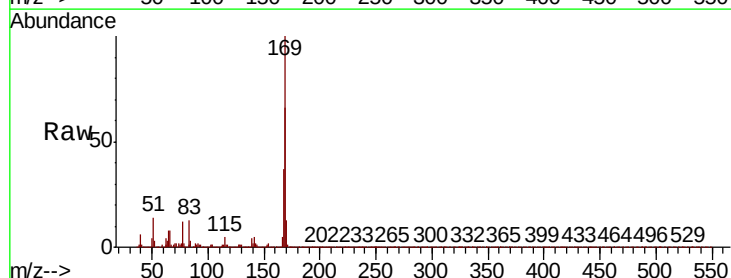
Tgt Ion:169 Resp: 964985

Ion Ratio Lower Upper

169 100

168 65.6 52.8 79.2

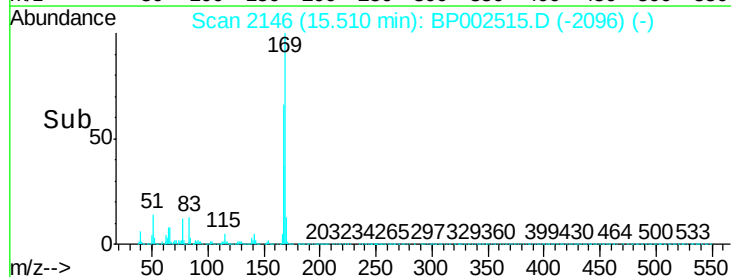
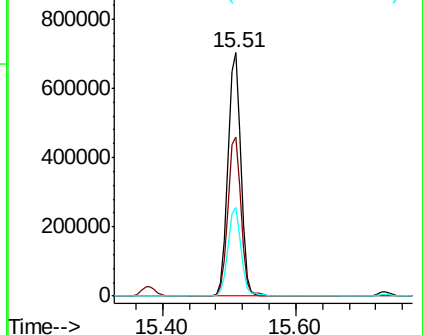
167 36.5 29.4 44.0

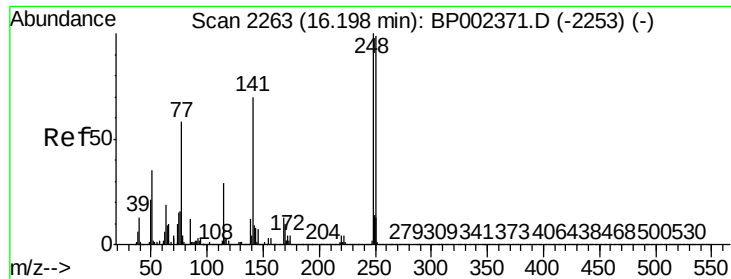


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

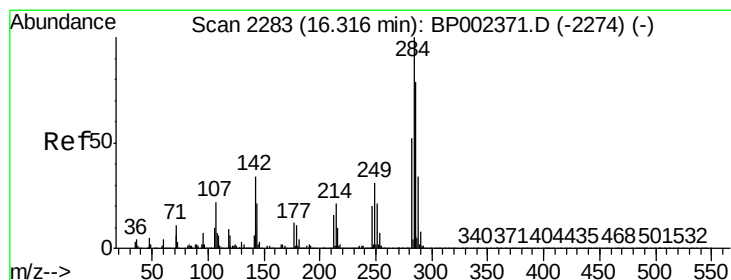
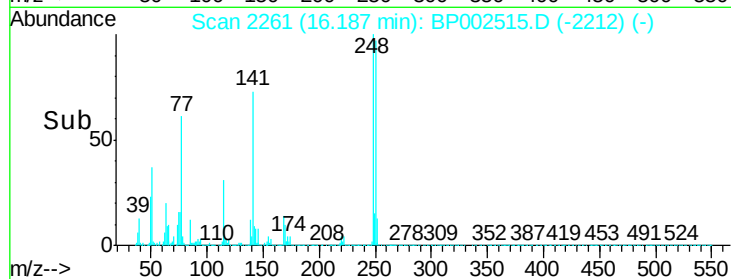
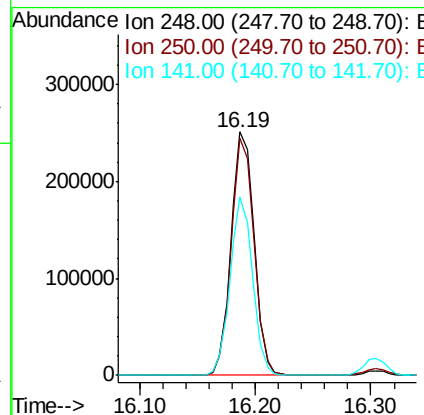
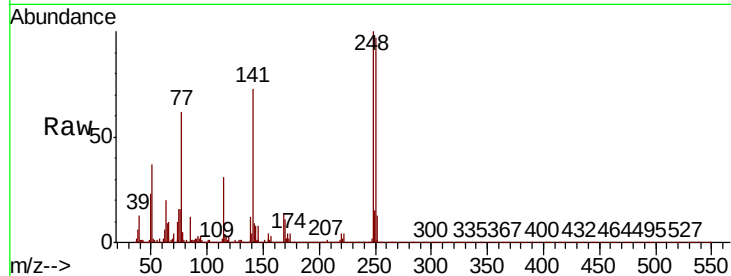




#67
4-Bromophenyl-phenylether
Concen: 46.174 ng
RT: 16.19 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

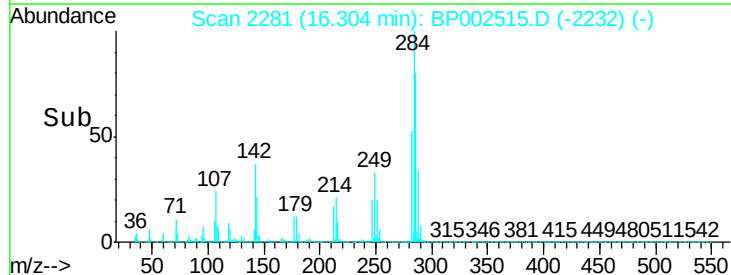
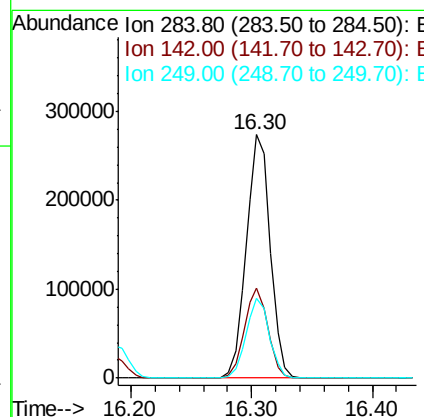
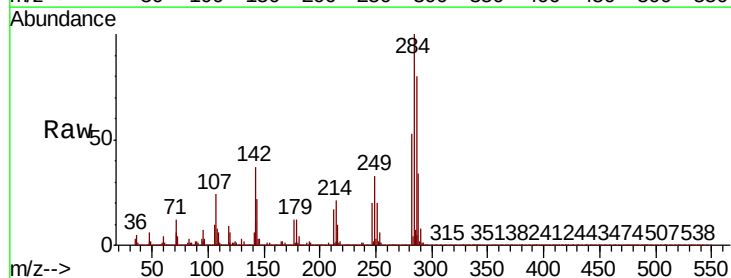
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

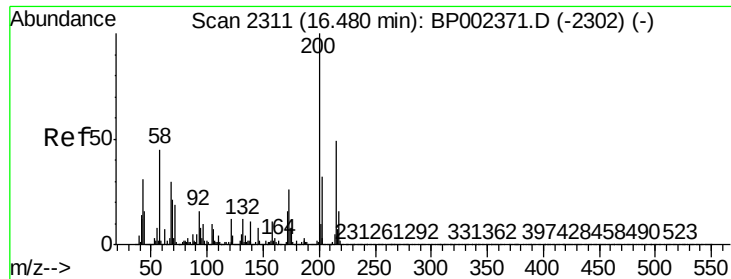
Tot Ion:248 Resp: 347467
Ion Ratio Lower Upper
248 100
250 97.5 79.3 118.9
141 73.0 55.7 83.5



#68
Hexachlorobenzene
Concen: 47.317 ng
RT: 16.30 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion:284 Resp: 377836
Ion Ratio Lower Upper
284 100
142 36.8 27.4 41.0
249 32.6 24.9 37.3

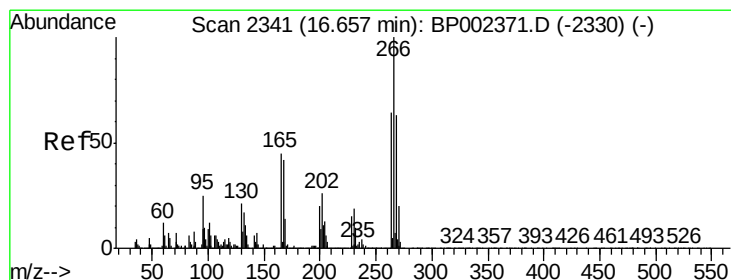
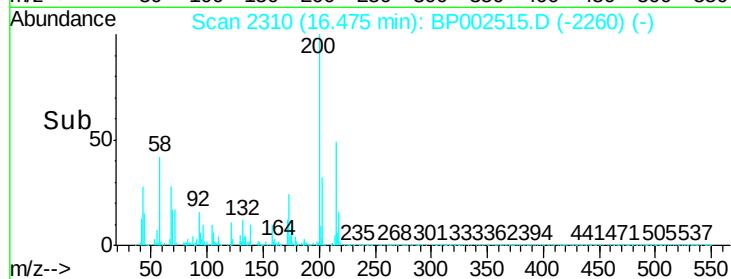
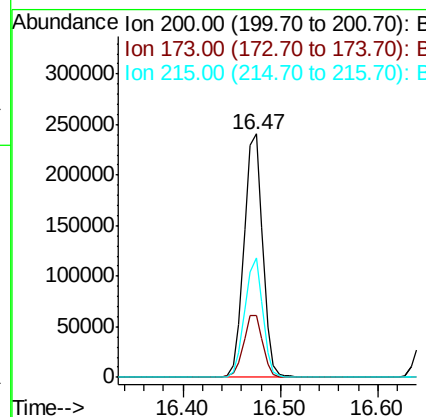
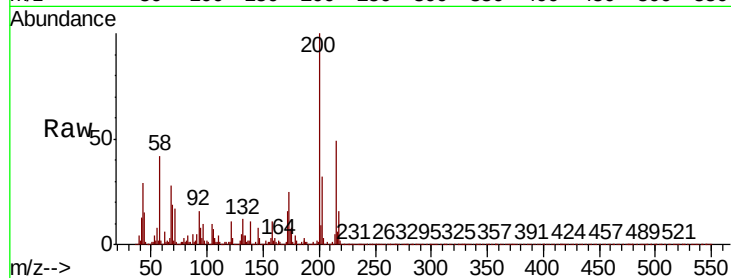




#69
Atrazine
Concen: 48.115 ng
RT: 16.47 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

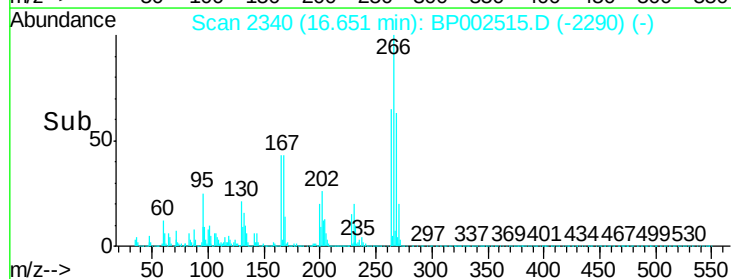
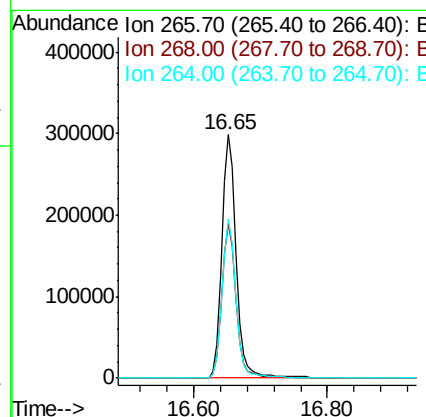
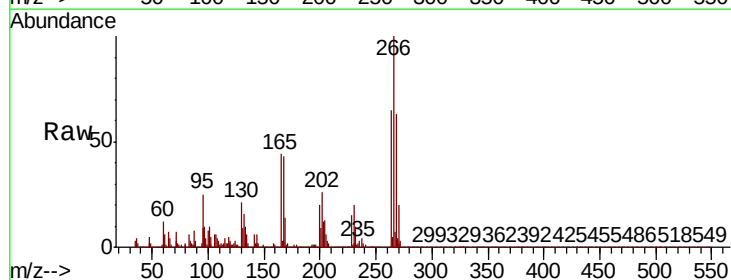
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

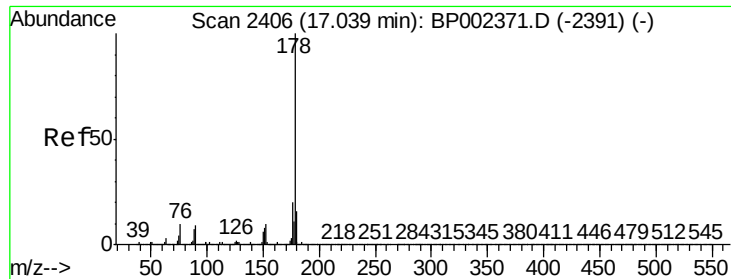
Tot Ion:200 Resp: 318511
Ion Ratio Lower Upper
200 100
173 25.5 6.4 46.4
215 49.0 29.3 69.3



#70
Pentachlorophenol
Concen: 95.732 ng
RT: 16.65 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion:266 Resp: 457349
Ion Ratio Lower Upper
266 100
268 63.3 50.5 75.7
264 65.4 51.4 77.0





#71

Phenanthrene

Concen: 46.890 ng

RT: 17.03 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMSD

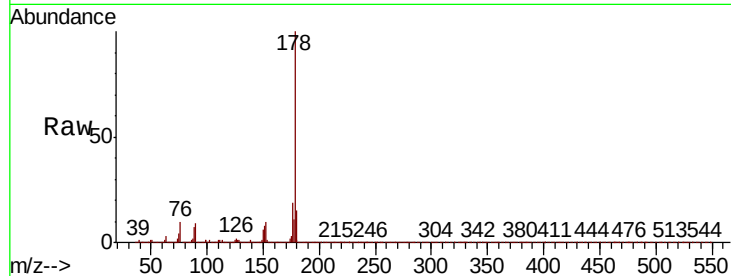
Tot Ion:178 Resp: 1742390

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.0	12.5	18.7

178 100

176 19.2 15.8 23.6

179 15.0 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

17.03

1500000

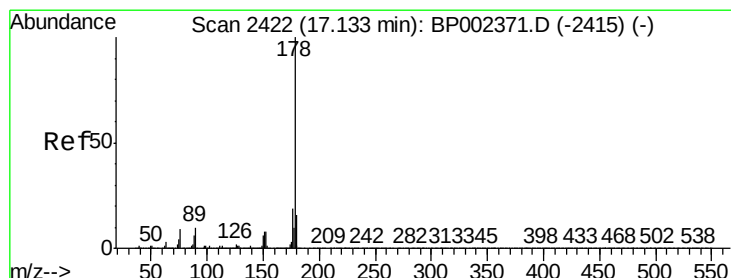
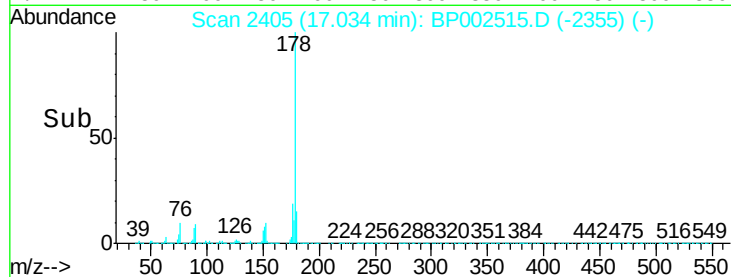
1000000

500000

0

Time-->

16.90 17.00 17.10



#72

Anthracene

Concen: 48.312 ng

RT: 17.13 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

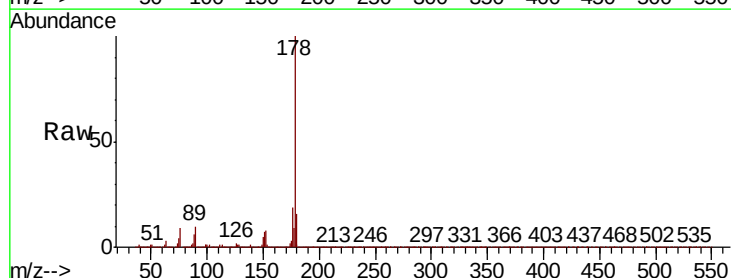
Tgt Ion:178 Resp: 1783382

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.5	13.0	19.4

178 100

176 19.1 15.5 23.3

179 15.5 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

17.13

1500000

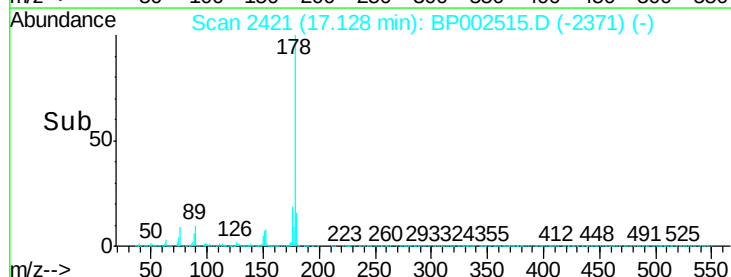
1000000

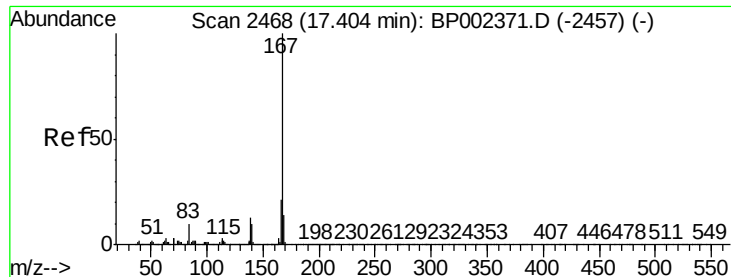
500000

0

Time-->

17.10 17.20



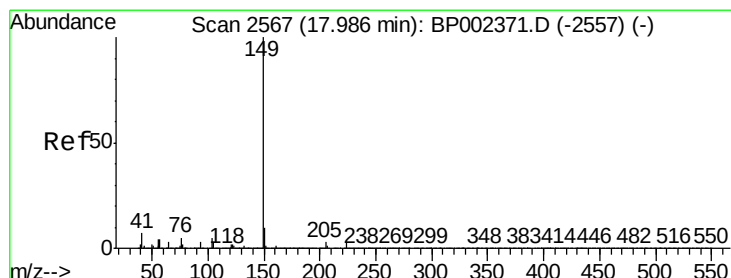
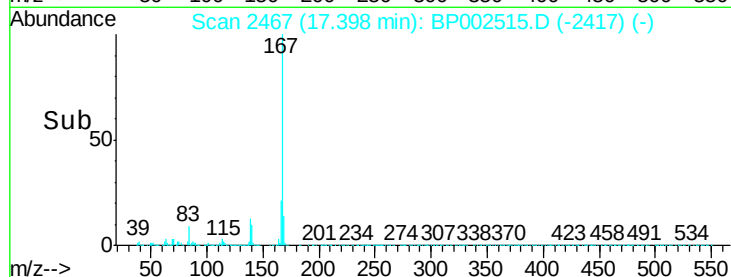
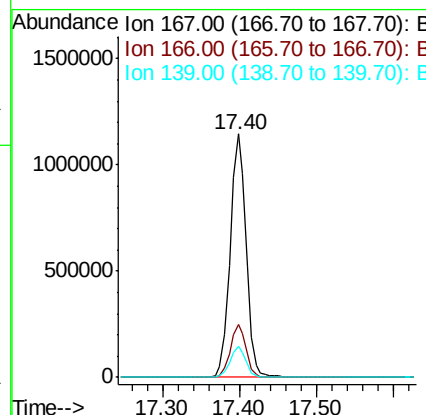
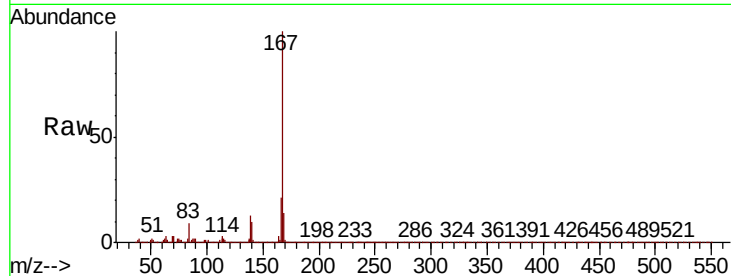


#73
 Carbazole
 Concen: 45.476 ng
 RT: 17.40 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BP002515.D
 Acq: 23 Jun 2020 23:17

Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOXMSD

Tot Ion:167 Resp: 1651382

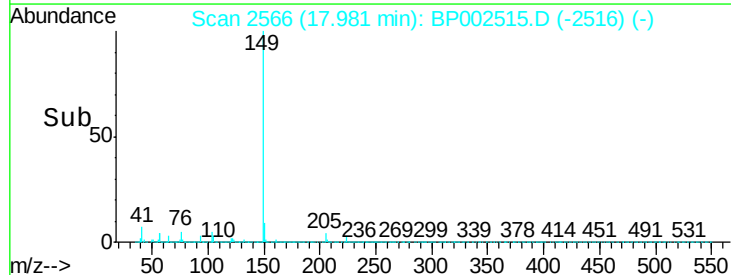
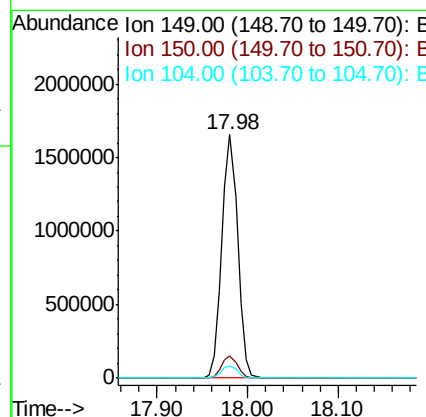
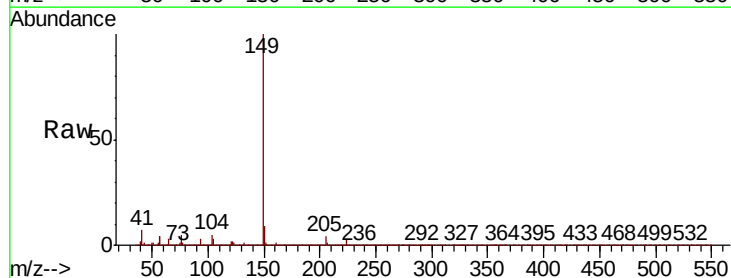
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	12.7	10.3	15.5

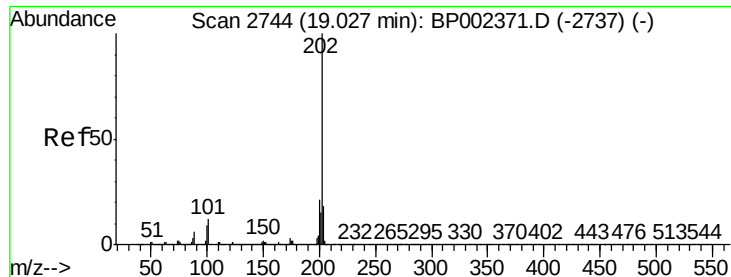


#74
 Di-n-butylphthalate
 Concen: 46.363 ng
 RT: 17.98 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BP002515.D
 Acq: 23 Jun 2020 23:17

Tgt Ion:149 Resp: 1992393

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 47.799 ng

RT: 19.02 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Instrument :

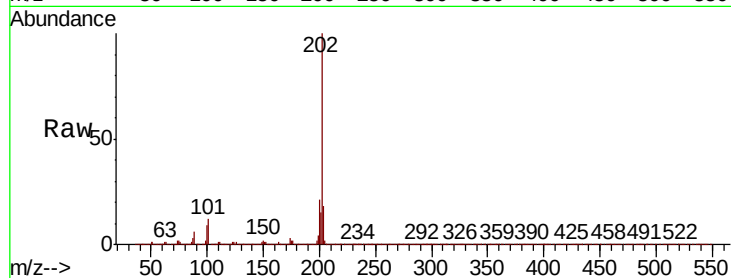
BNA_P

ClientSampleId :

SLUDGE-BOXMSD

Tot Ion:202 Resp: 2120111

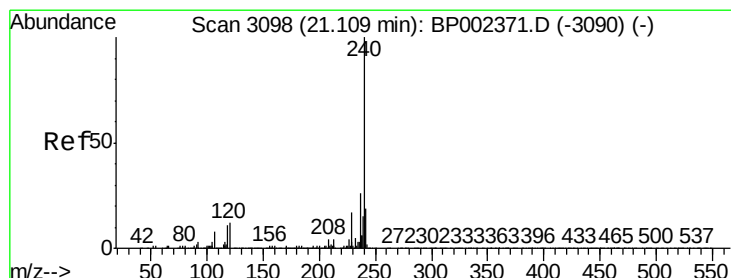
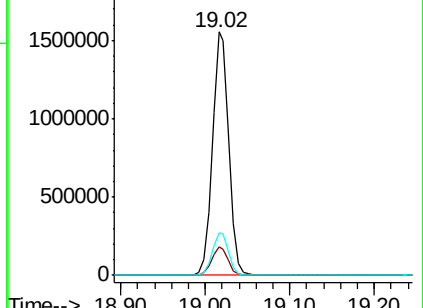
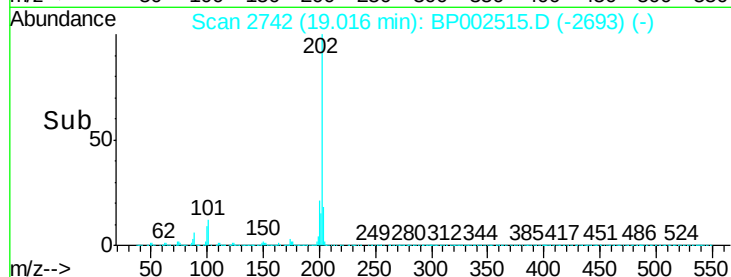
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.8
203	17.7	0.0	38.0



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

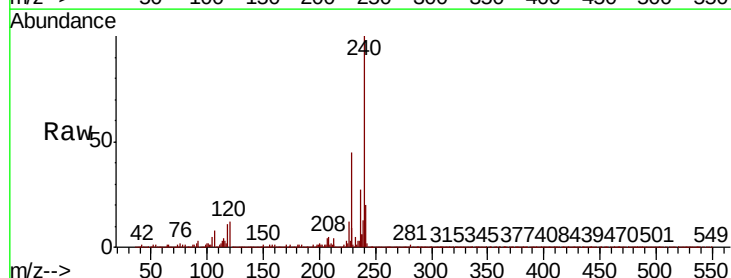
Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Tgt Ion:240 Resp: 779307

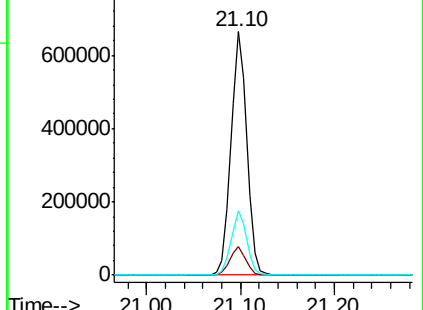
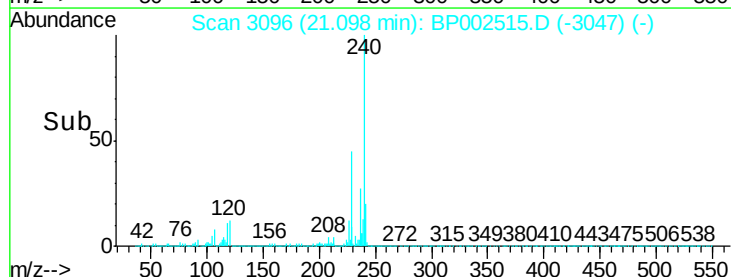
Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.3	13.9
236	26.7	21.0	31.6

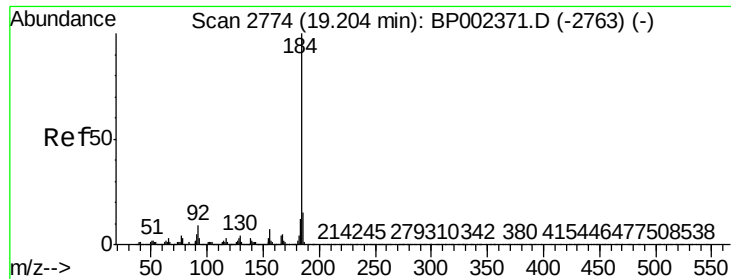


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.923 ng

RT: 19.20 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMSD

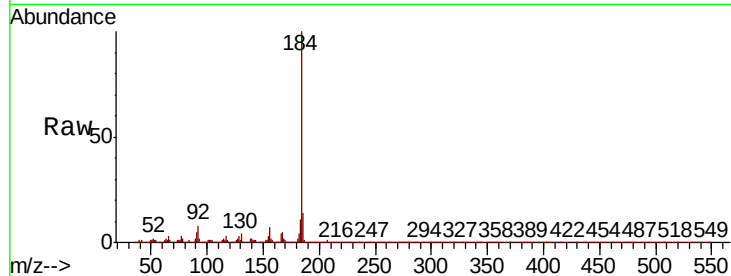
Tot Ion:184 Resp: 677784

Ion Ratio Lower Upper

184 100

185 13.8 11.8 17.8

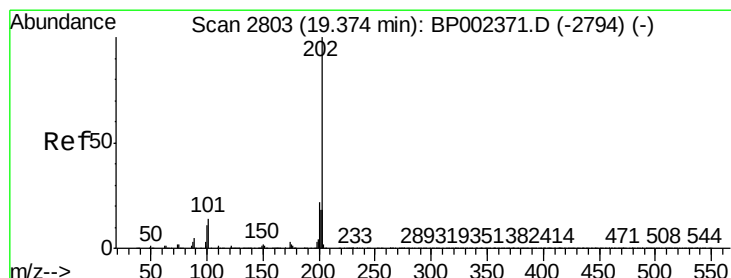
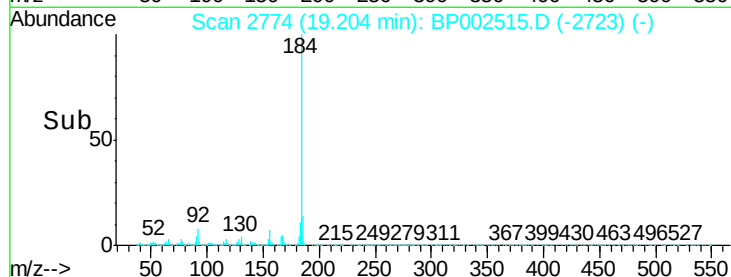
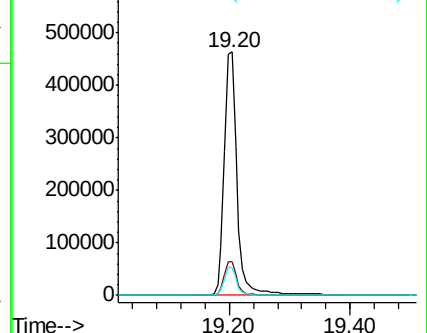
183 11.2 9.2 13.8



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: 44.795 ng

RT: 19.37 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

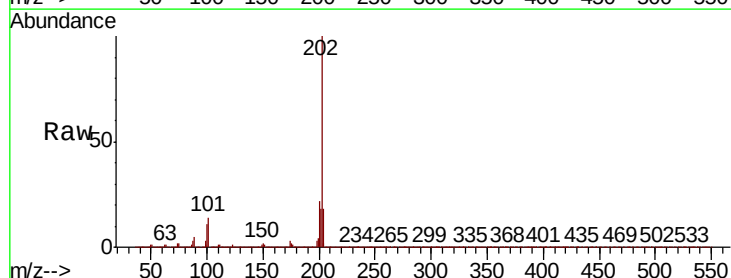
Tgt Ion:202 Resp: 2138300

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

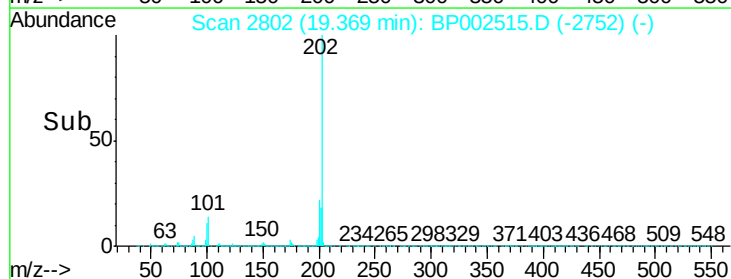
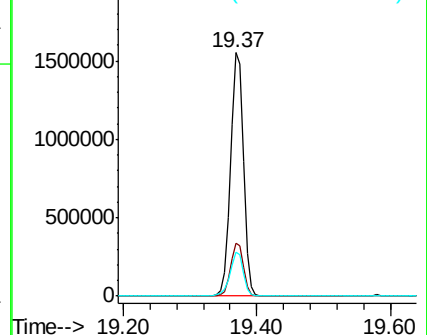
203 18.1 14.6 22.0

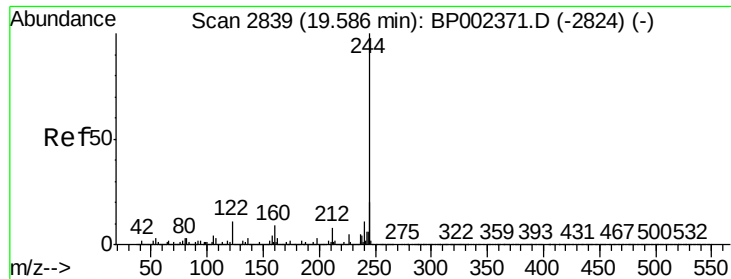


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.533 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMSD

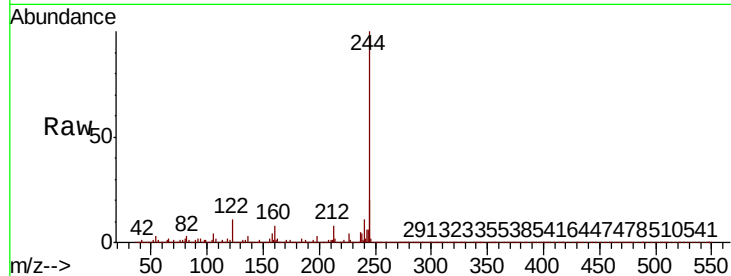
Tot Ion:244 Resp: 2792179

Ion Ratio Lower Upper

244 100

212 7.8 6.6 10.0

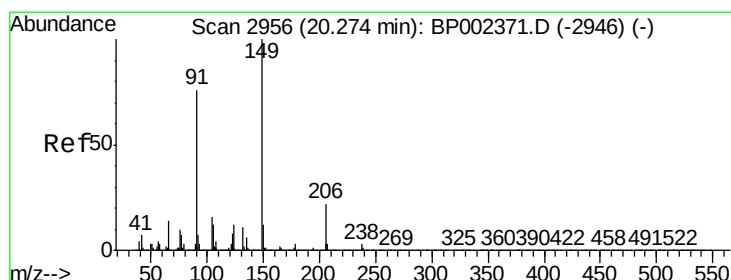
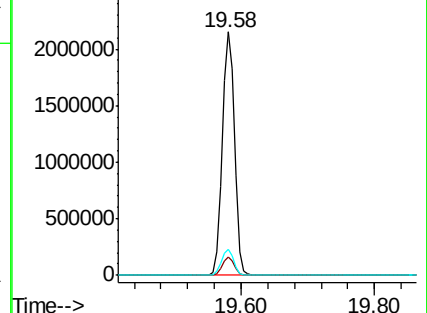
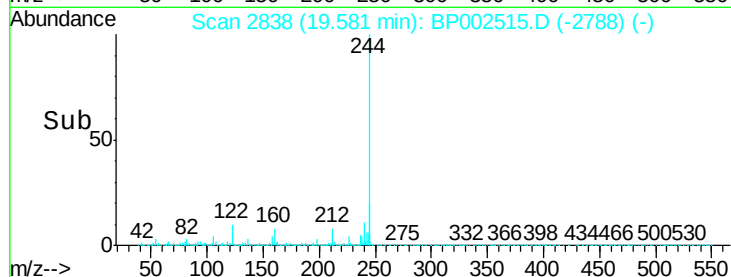
122 10.5 8.8 13.2



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: 43.698 ng

RT: 20.27 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

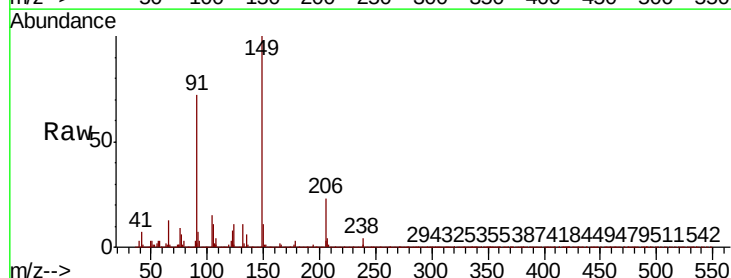
Tgt Ion:149 Resp: 927258

Ion Ratio Lower Upper

149 100

91 72.0 61.2 91.8

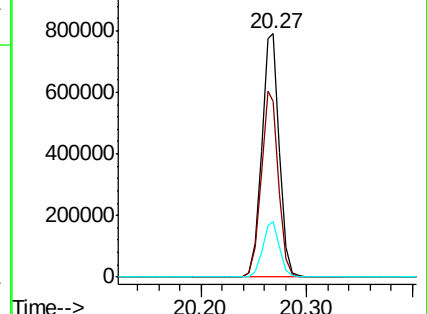
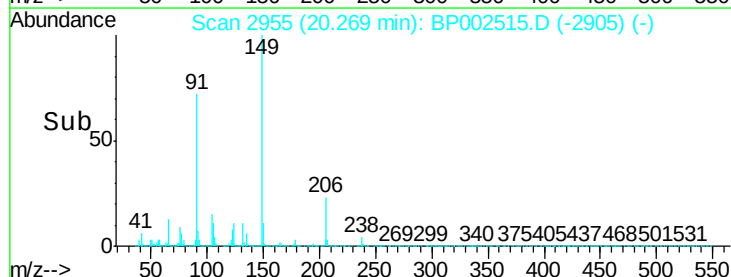
206 22.6 17.8 26.6

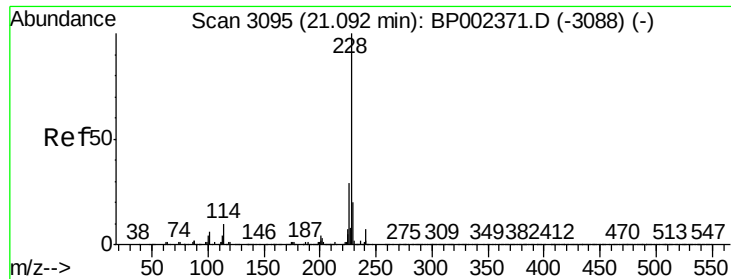


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

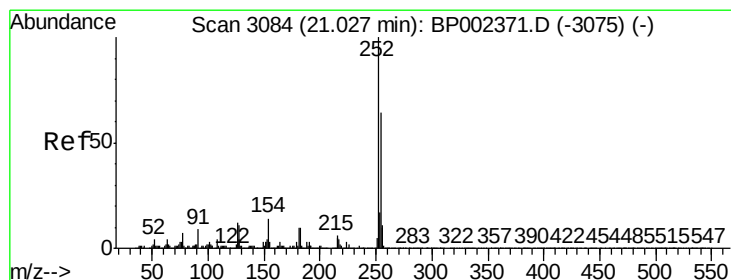
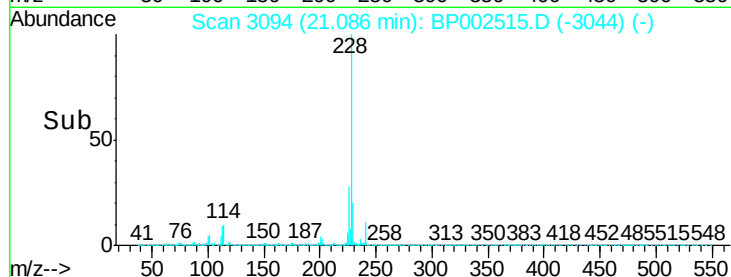
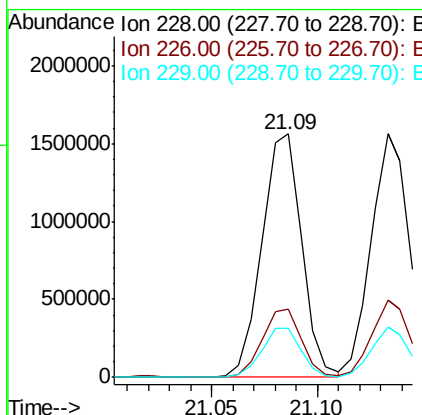
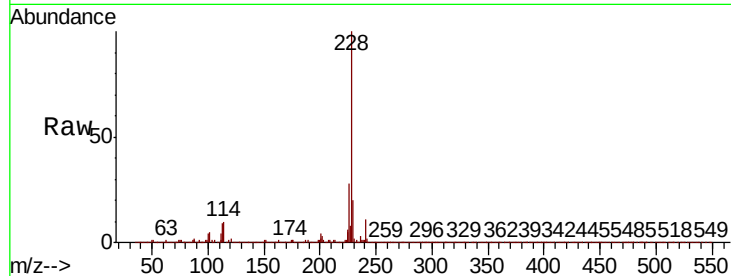




#81
Benzo(a)anthracene
Concen: 46.045 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

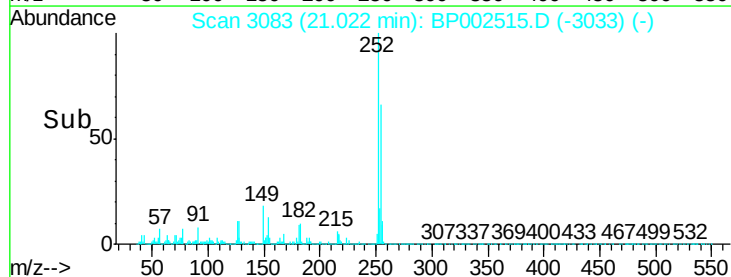
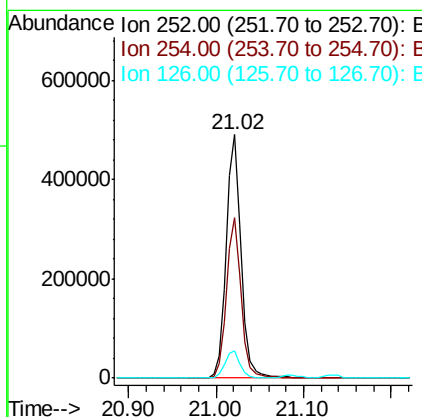
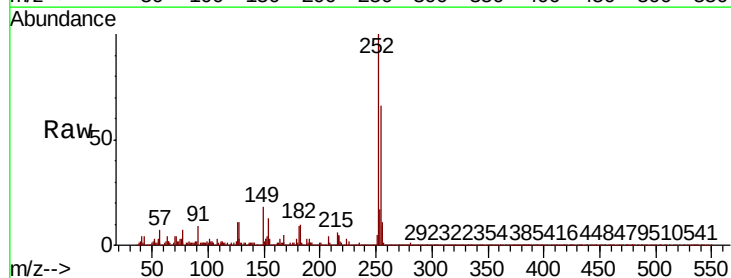
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

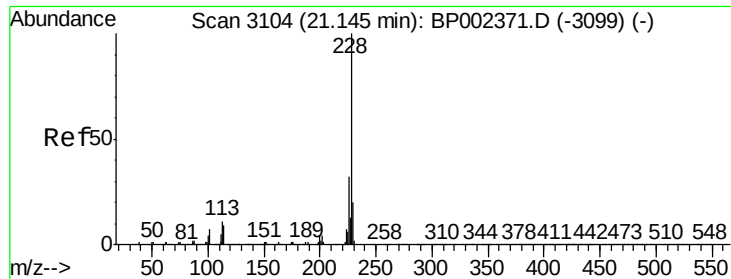
Tot Ion:228 Resp: 2048233
Ion Ratio Lower Upper
228 100
226 27.9 22.8 34.2
229 20.0 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 35.035 ng
RT: 21.02 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion:252 Resp: 579182
Ion Ratio Lower Upper
252 100
254 66.1 51.4 77.2
126 11.2 9.2 13.8

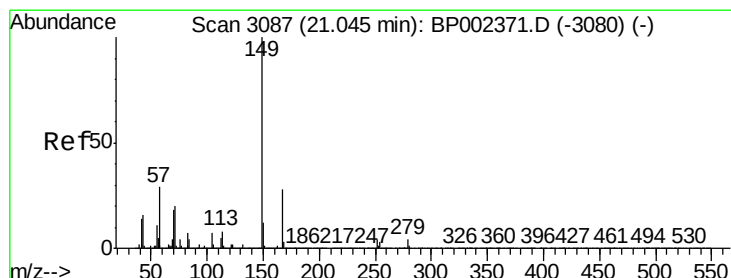
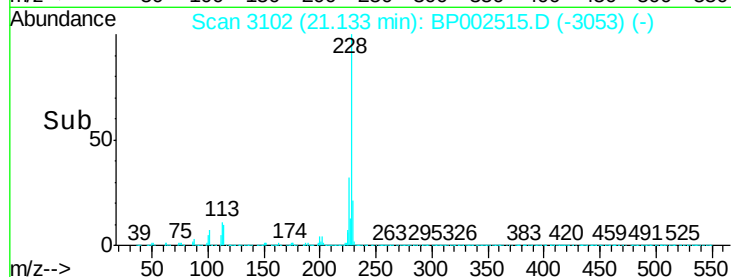
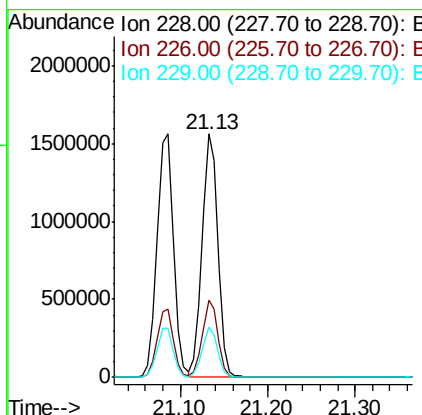
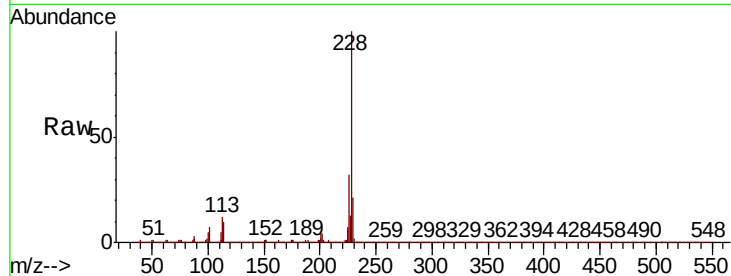




#83
Chrysene
Concen: 46.806 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

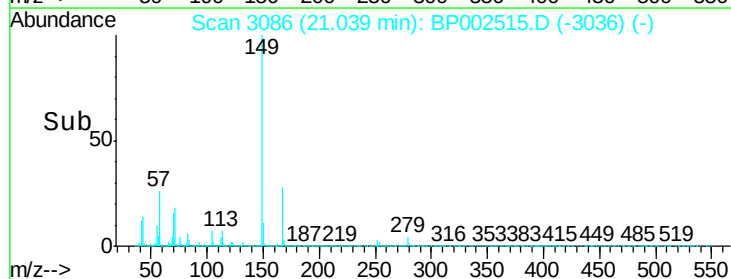
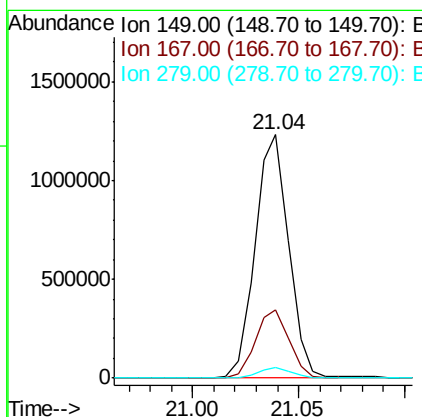
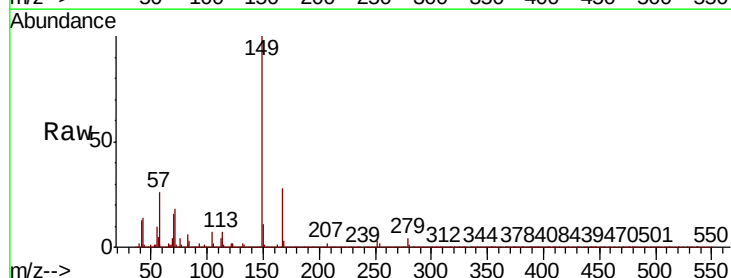
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

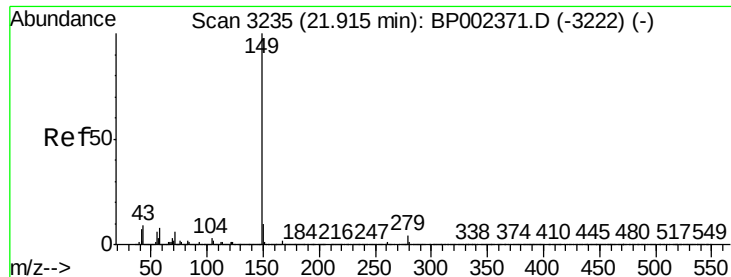
Tot Ion:228 Resp: 1972607
Ion Ratio Lower Upper
228 100
226 32.0 25.2 37.8
229 20.5 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.017 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion:149 Resp: 1358662
Ion Ratio Lower Upper
149 100
167 27.8 22.3 33.5
279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 44.543 ng

RT: 21.90 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOXMSD

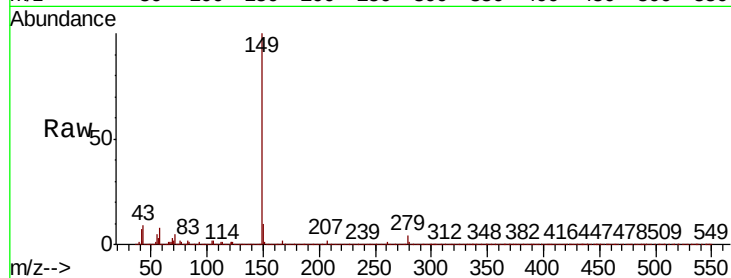
Tot Ion:149 Resp: 2411518

Ion Ratio Lower Upper

149 100

167 1.5 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

2500000

2000000

1500000

1000000

500000

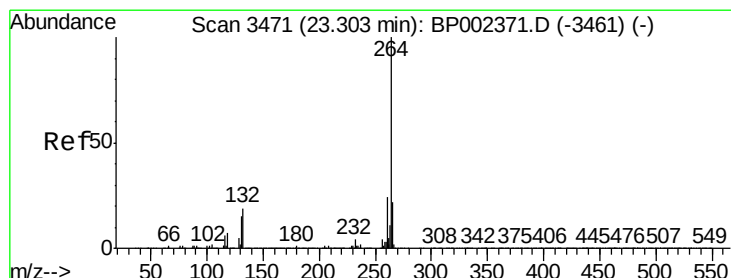
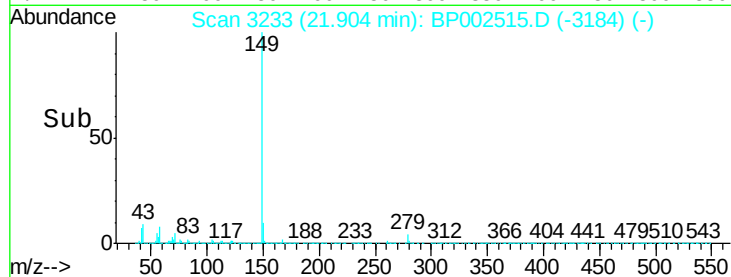
0

21.80

21.90

22.00

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.30 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

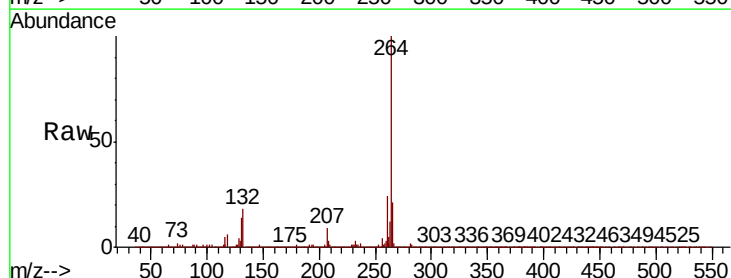
Tgt Ion:264 Resp: 900869

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 21.5 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

600000

500000

400000

300000

200000

100000

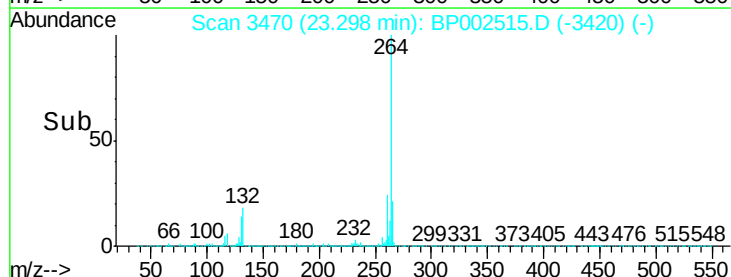
0

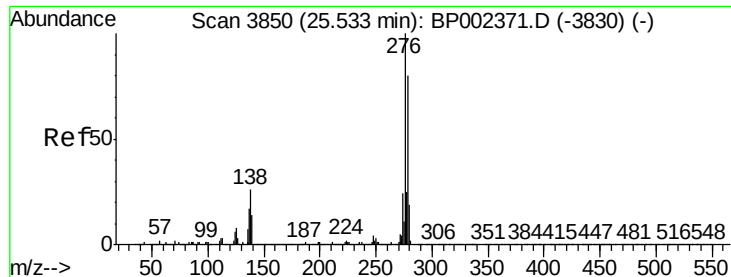
23.20

23.30

23.40

Time-->



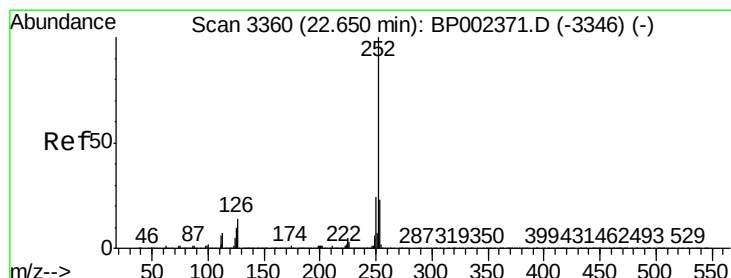
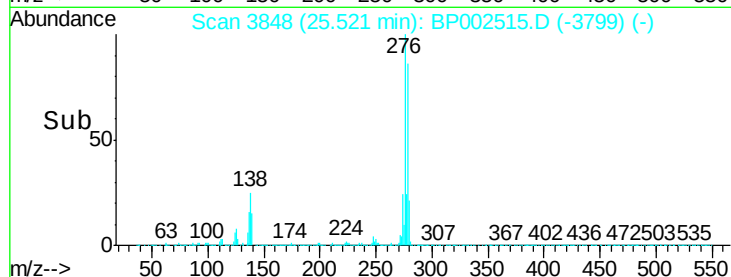
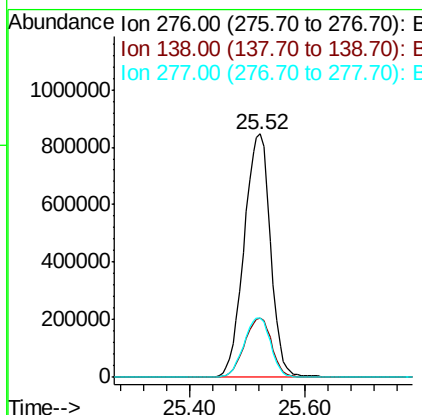
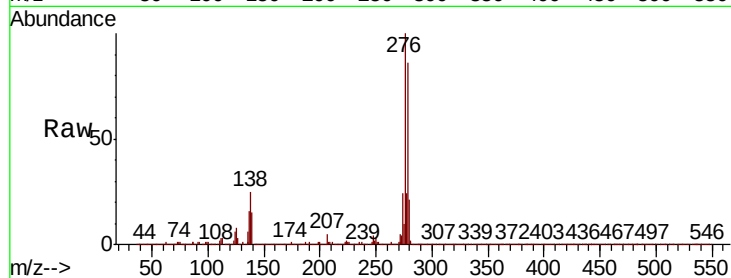


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.859 ng
 RT: 25.52 min Scan# 3848
 Delta R.T. -0.01 min
 Lab File: BP002515.D
 Acq: 23 Jun 2020 23:17

Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOXMSD

Tot Ion:276 Resp: 2696671

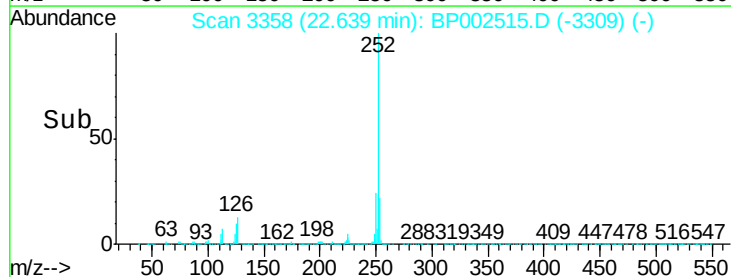
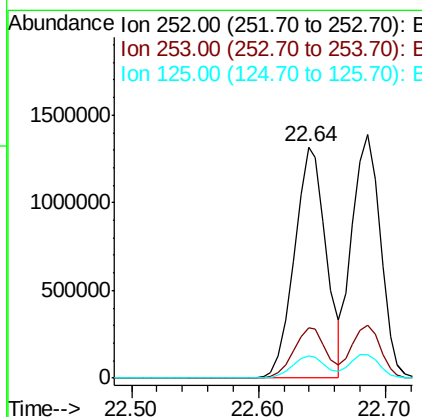
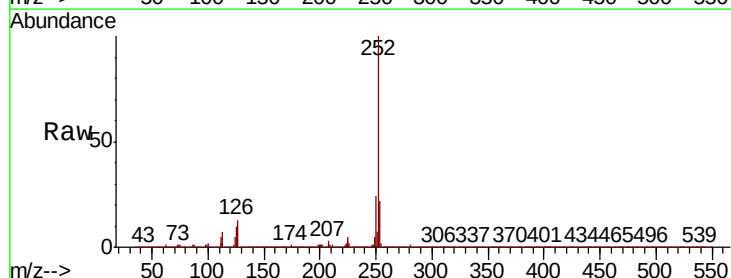
Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.2	31.8
277	24.9	20.3	30.5

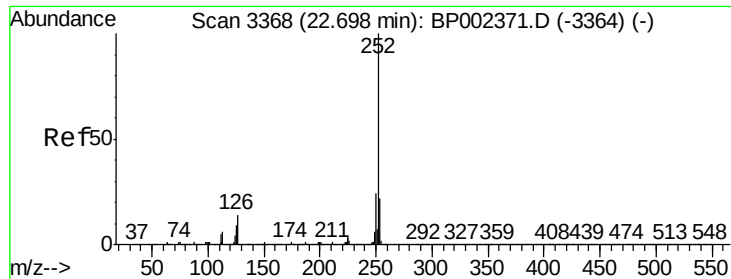


#88
 Benzo(b)fluoranthene
 Concen: 47.239 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BP002515.D
 Acq: 23 Jun 2020 23:17

Tgt Ion:252 Resp: 2294913

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	9.8	8.2	12.2

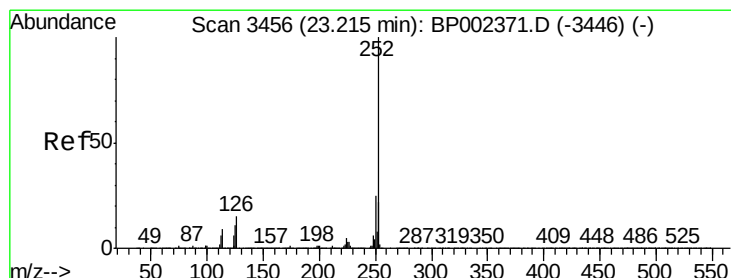
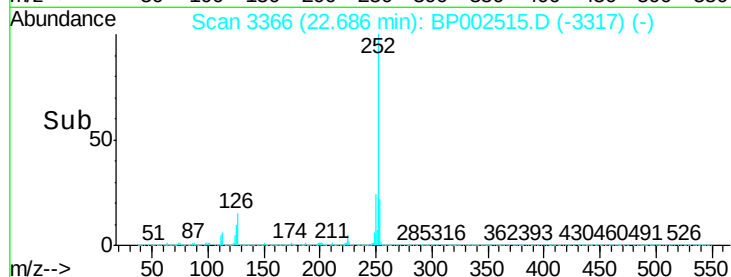
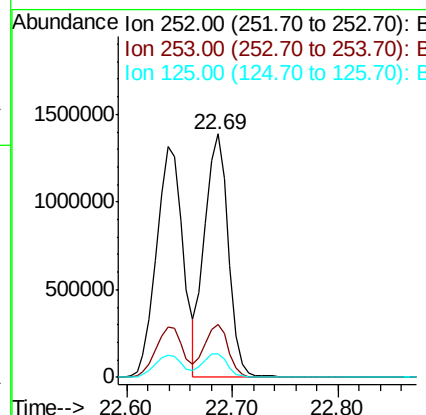
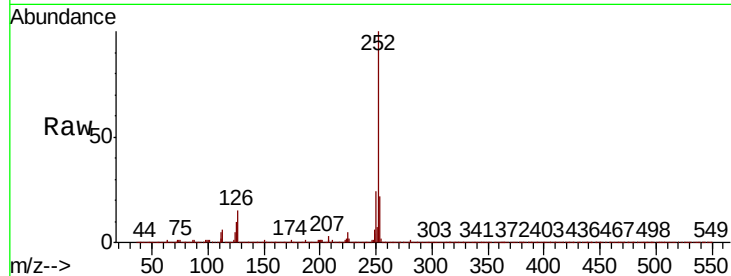




#89
Benzo(k)fluoranthene
Concen: 46.894 ng
RT: 22.69 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

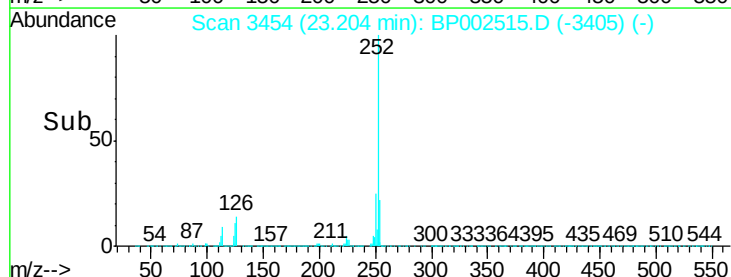
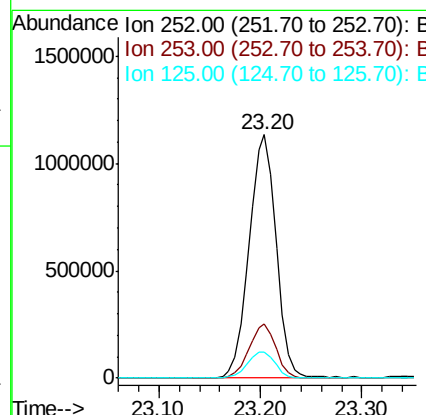
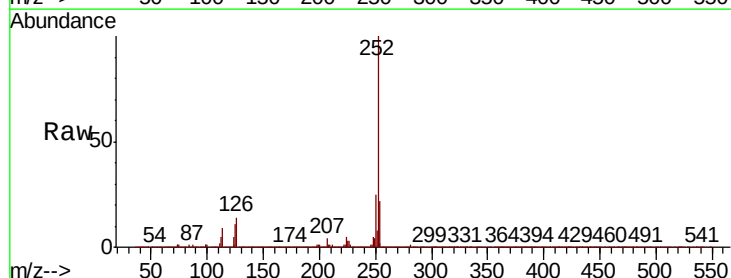
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOXMSD

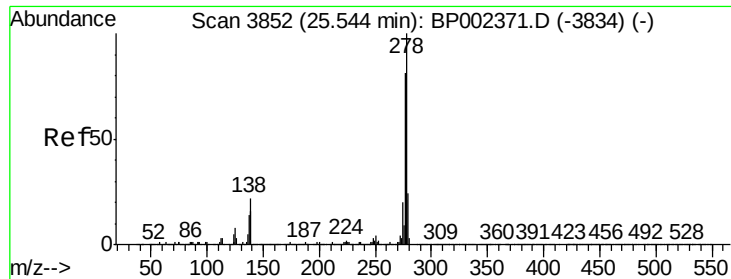
Tot Ion:252 Resp: 2164578
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 9.8 7.8 11.8



#90
Benzo(a)pyrene
Concen: 45.910 ng
RT: 23.20 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BP002515.D
Acq: 23 Jun 2020 23:17

Tgt Ion:252 Resp: 2090149
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.8 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 48.798 ng

RT: 25.53 min Scan# 3849

Delta R.T. -0.02 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Instrument :

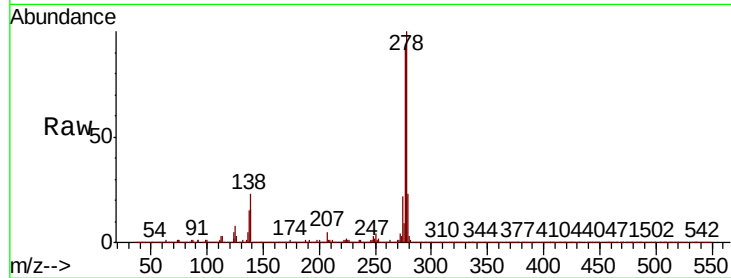
BNA_P

ClientSampleId :

SLUDGE-BOXMSD

Tot Ion:278 Resp: 2205580

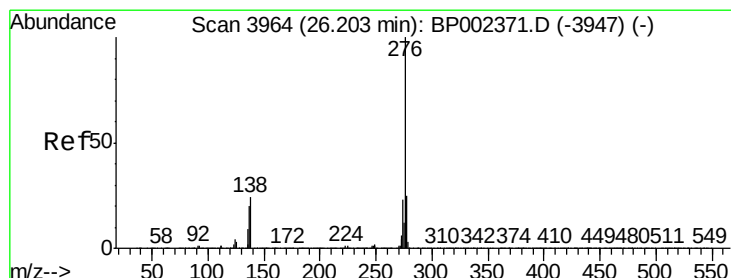
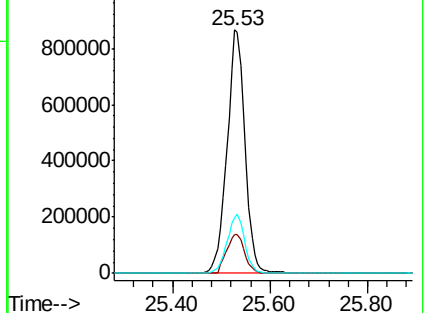
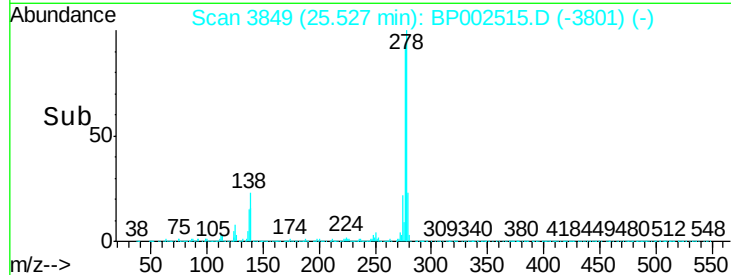
Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.1	19.7
279	22.7	18.9	28.3



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: 47.993 ng

RT: 26.19 min Scan# 3962

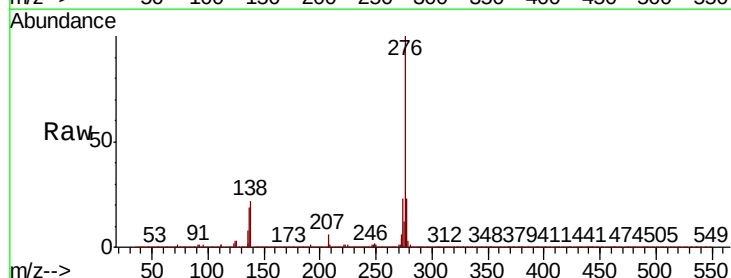
Delta R.T. -0.01 min

Lab File: BP002515.D

Acq: 23 Jun 2020 23:17

Tgt Ion:276 Resp: 2246648

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.8	29.6
138	22.5	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

