

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
 Data File : BP004832.D
 Acq On : 19 Feb 2021 20:56
 Operator : CG/JU
 Sample : M1425-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-COMP

Quant Time: Feb 19 23:54:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 12:04:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

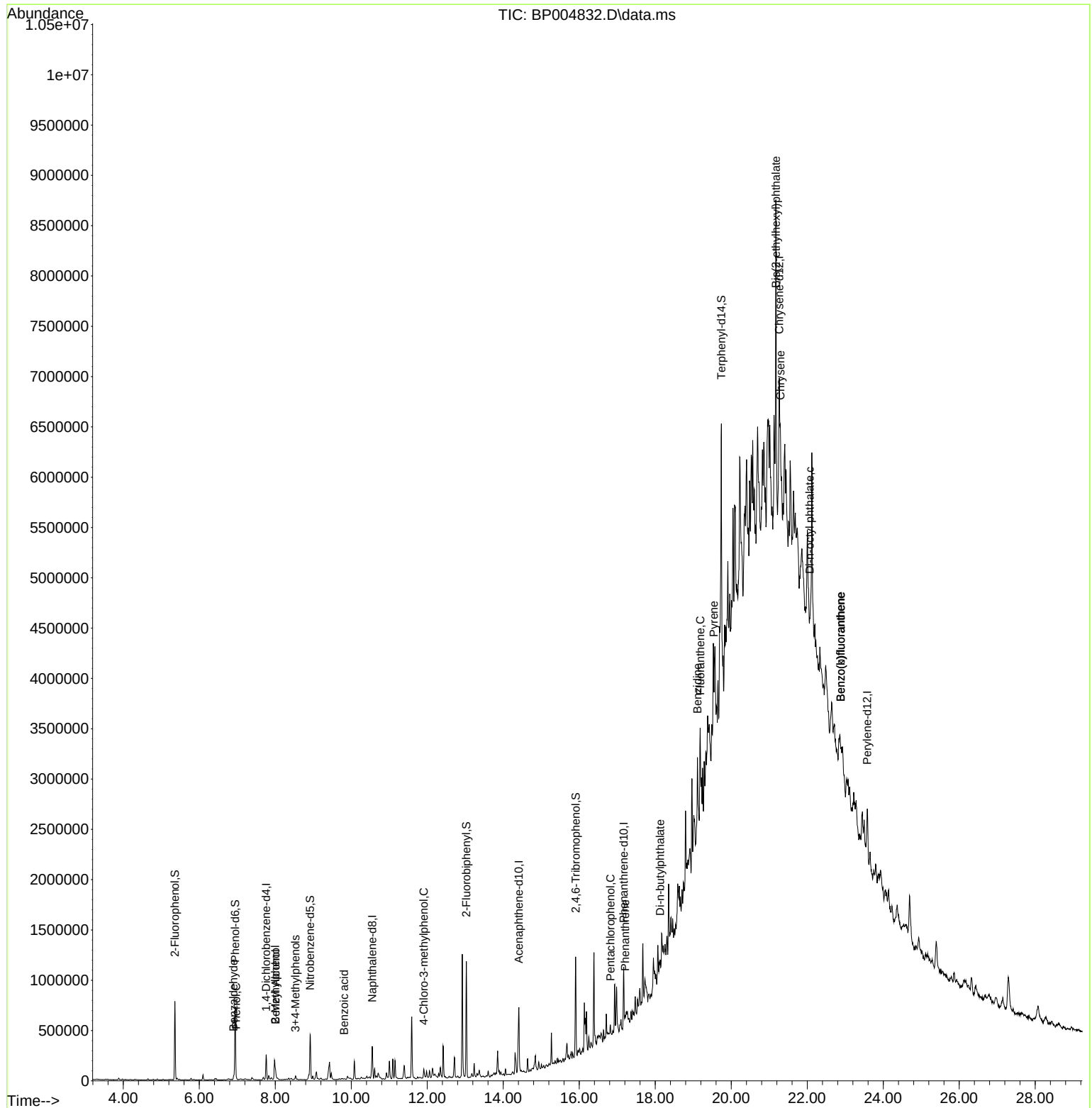
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	62240	20.00	ng	0.00
21) Naphthalene-d8	10.552	136	246056	20.00	ng	# 0.00
39) Acenaphthene-d10	14.410	164	151294	20.00	ng	0.00
64) Phenanthrene-d10	17.169	188	311689	20.00	ng	# 0.00
76) Chrysene-d12	21.263	240	363175	20.00	ng	# 0.01
86) Perylene-d12	23.580	264	343563	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	312773	77.59	ng	0.00
7) Phenol-d6	6.946	99	397906	71.78	ng	0.00
23) Nitrobenzene-d5	8.916	82	250784	44.41	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	164551	81.86	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	549251	44.37	ng	0.00
79) Terphenyl-d14	19.739	244	831277	38.45	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.905	77	13136	5.64	ng	# 81
10) Phenol	6.969	94	14210	2.65	ng	# 72
15) Benzyl Alcohol	8.005	79	53198	12.78	ng	# 81
17) 2-Methylphenol	7.999	107	27590	7.61	ng	# 19
20) 3+4-Methylphenols	8.534	107	14834	3.08	ng	89
32) Benzoic acid	9.810	122	1057	7.16	ng	# 80
36) 4-Chloro-3-methylphenol	11.910	107	18038	3.66	ng	# 16
70) Pentachlorophenol	16.822	266	13517	5.52	ng	97
71) Phenanthrene	17.210	178	60469	3.17	ng	# 95
74) Di-n-butylphthalate	18.128	149	75043	3.63	ng	# 90
75) Fluoranthene	19.186	202	106827	4.70	ng	94
77) Benzidine	19.110	184	404565	57.12	ng	# 88
78) Pyrene	19.539	202	116796	4.56	ng	# 94
83) Chrysene	21.298	228	55450	2.22	ng	# 81
84) Bis(2-ethylhexyl)phtha...	21.175	149	883758	58.17	ng	97
85) Di-n-octyl phthalate	22.069	149	62369	2.53	ng	# 83
88) Benzo(b)fluoranthene	22.880	252	51232	2.04	ng	# 1
89) Benzo(k)fluoranthene	22.880	252	51232	2.12	ng	# 1

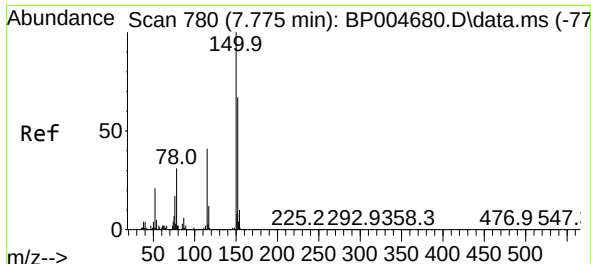
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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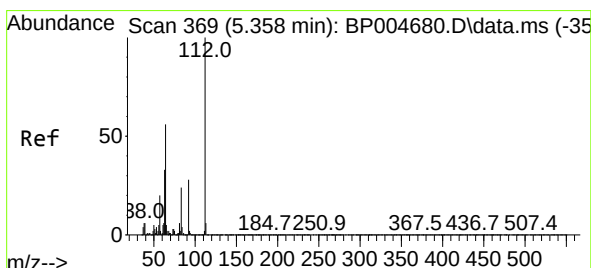
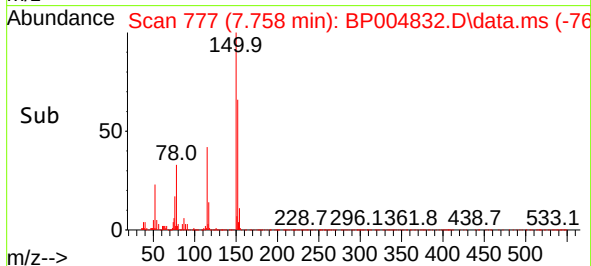
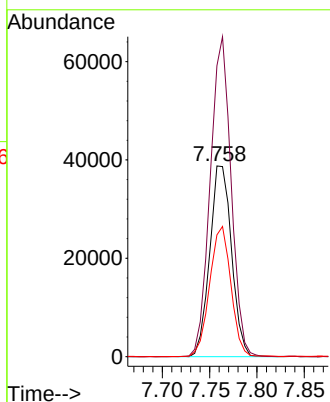
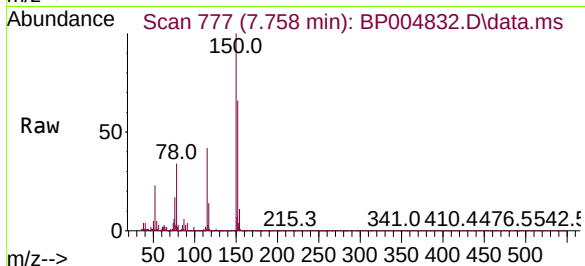




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.758 min Scan# 777
Delta R.T. -0.005 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

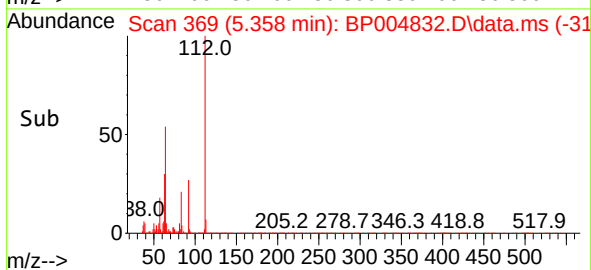
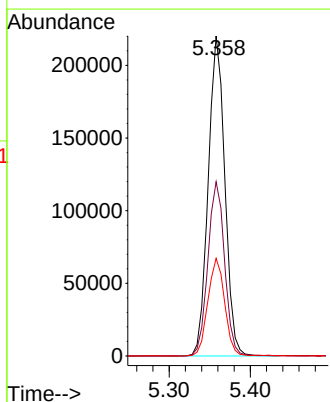
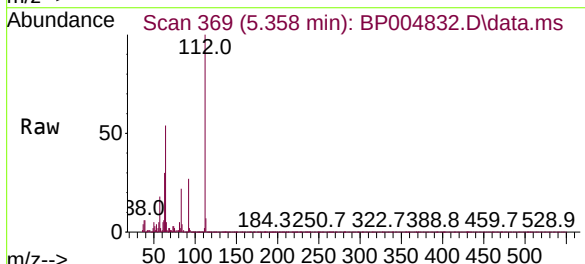
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BNA_P
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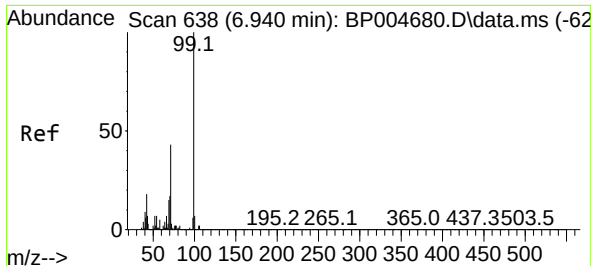
Tgt Ion:152 Resp: 62240
Ion Ratio Lower Upper
152 100
150 152.5 123.8 185.6
115 63.9 43.8 65.6



#5
2-Fluorophenol
Concen: 77.59 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Tgt Ion:112 Resp: 312773
Ion Ratio Lower Upper
112 100
64 54.5 32.8 49.2#
63 30.5 17.0 25.4#

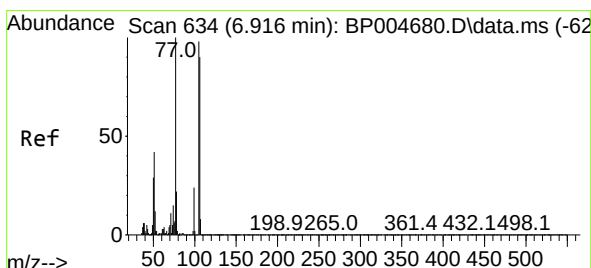
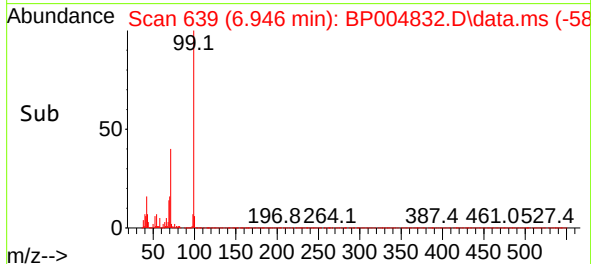
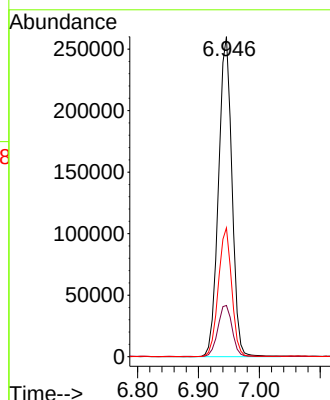
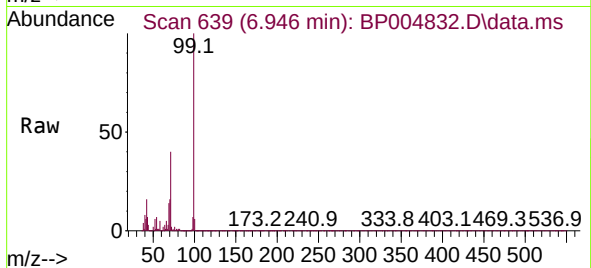




#7
Phenol-d6
Concen: 71.78 ng
RT: 6.946 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

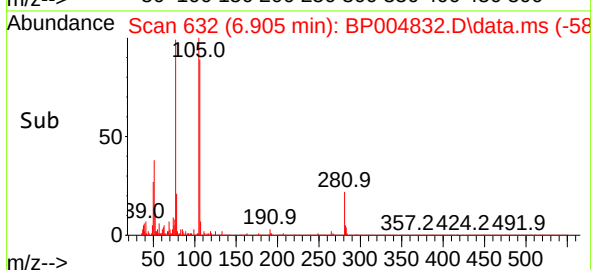
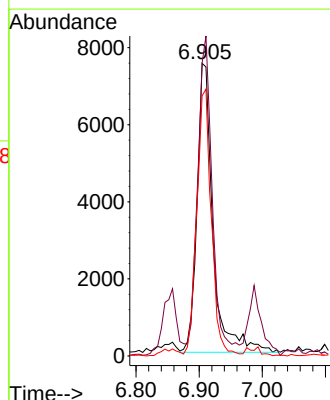
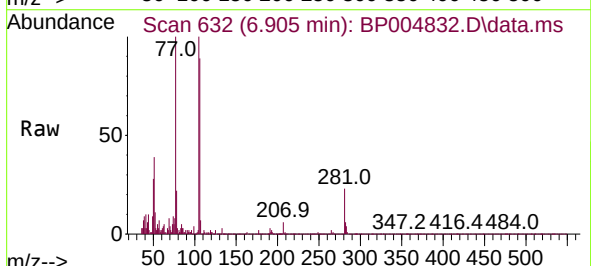
Instrument :
BNA_P
ClientSampleId :
SLUDGE-COMP

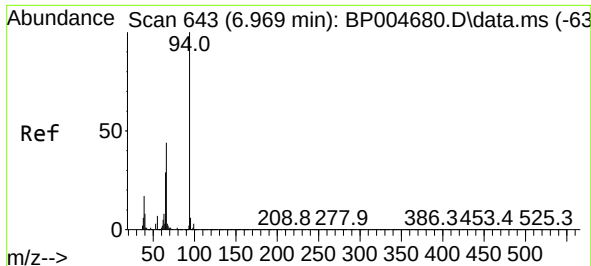
Tgt Ion: 99 Resp: 397906
Ion Ratio Lower Upper
99 100
42 16.0 8.6 13.0#
71 40.2 23.4 35.2#



#9
Benzaldehyde
Concen: 5.64 ng
RT: 6.905 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Tgt Ion: 77 Resp: 13136
Ion Ratio Lower Upper
77 100
105 100.1 97.1 137.1
106 88.9 93.7 133.7#

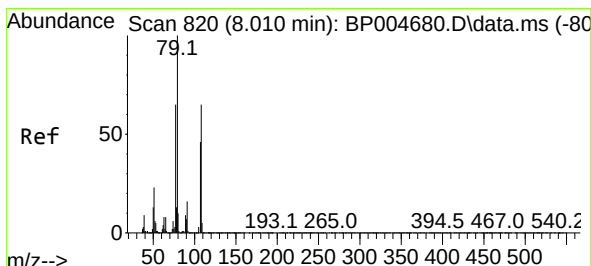
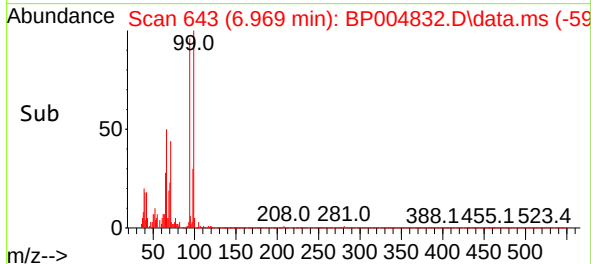
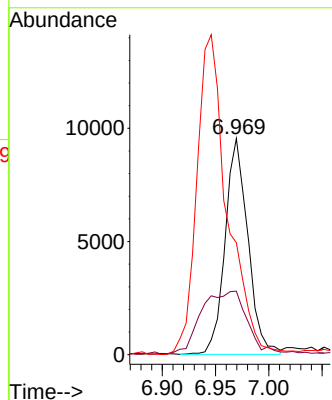
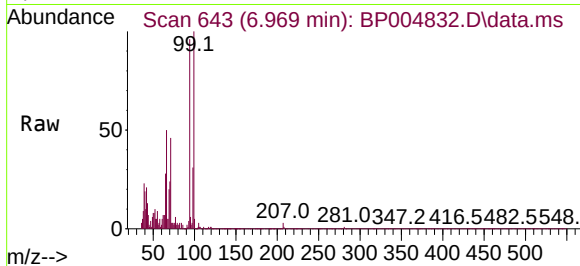




#10
Phenol
Concen: 2.65 ng
RT: 6.969 min Scan# 643
Delta R.T. 0.000 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

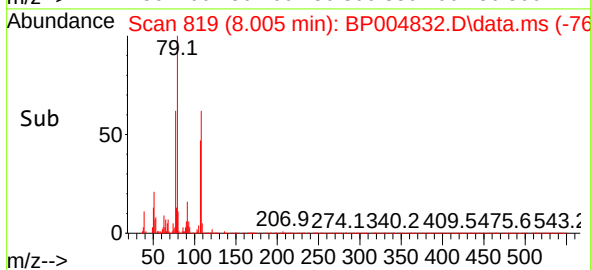
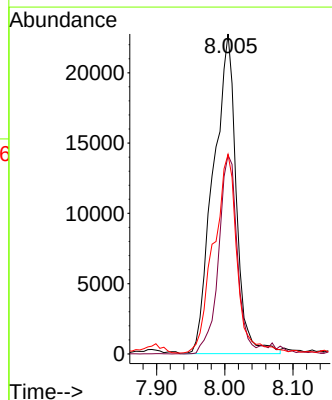
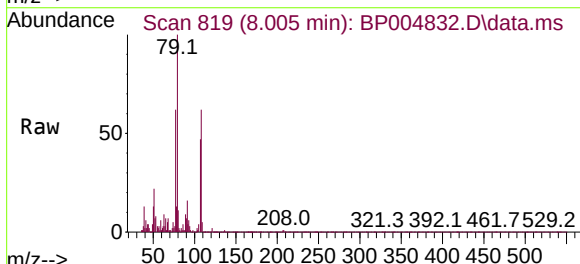
Instrument :
BNA_P
ClientSampleId :
SLUDGE-COMP

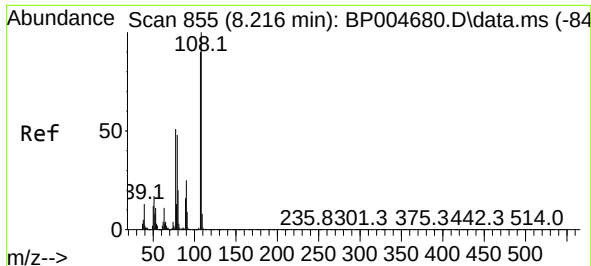
Tgt Ion: 94 Resp: 14210
Ion Ratio Lower Upper
94 100
65 29.4 2.3 42.3
66 51.8 10.9 50.9#



#15
Benzyl Alcohol
Concen: 12.78 ng
RT: 8.005 min Scan# 819
Delta R.T. 0.000 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Tgt Ion: 79 Resp: 53198
Ion Ratio Lower Upper
79 100
108 62.2 73.5 110.3#
77 62.3 50.3 75.5





#17

2-Methylphenol

Concen: 7.61 ng

RT: 7.999 min Scan# 818

Delta R.T. -0.211 min

Lab File: BP004832.D

Acq: 19 Feb 2021 20:56

Instrument :

BNA_P

ClientSampleId :

SLUDGE-COMP

Tgt Ion:107 Resp: 27590

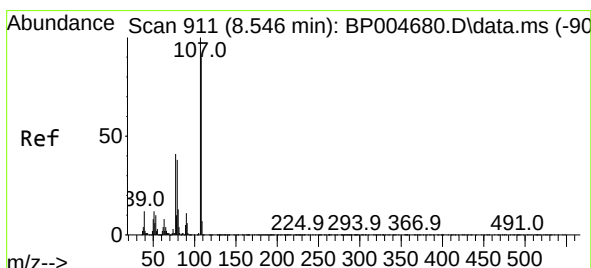
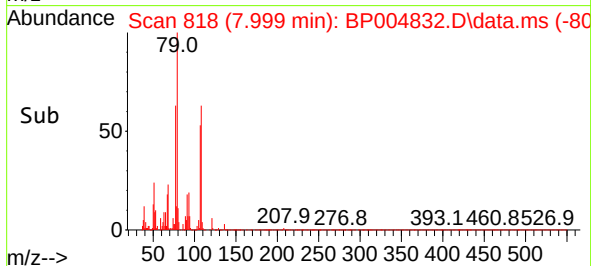
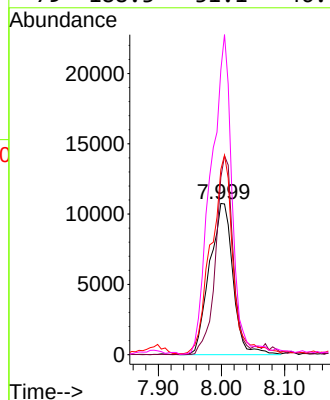
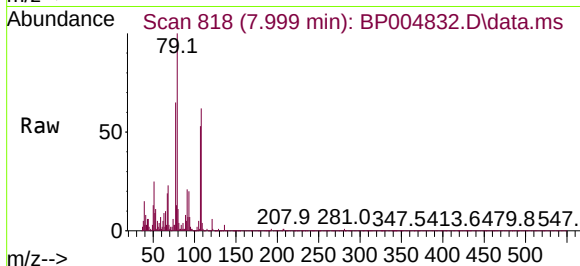
Ion Ratio Lower Upper

107 100

108 117.3 89.6 134.4

77 122.5 31.8 47.6#

79 188.3 31.1 46.7#



#20

3+4-Methylphenols

Concen: 3.08 ng

RT: 8.534 min Scan# 909

Delta R.T. -0.005 min

Lab File: BP004832.D

Acq: 19 Feb 2021 20:56

Tgt Ion:107 Resp: 14834

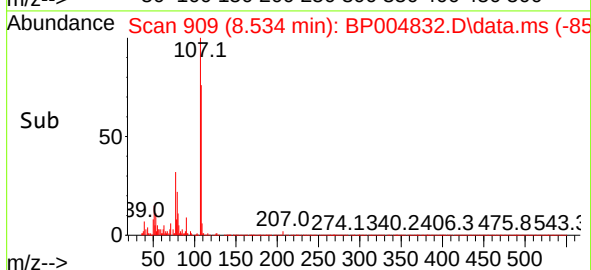
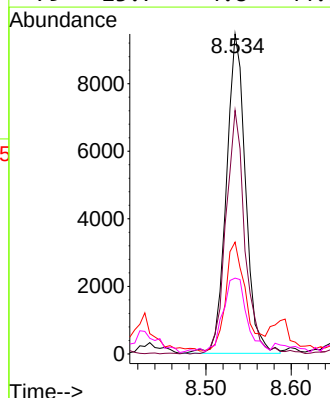
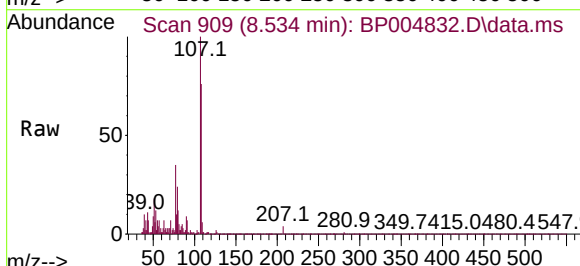
Ion Ratio Lower Upper

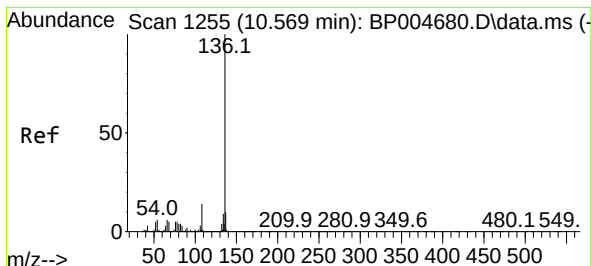
107 100

108 76.1 69.0 109.0

77 35.0 8.5 48.5

79 23.7 4.8 44.8

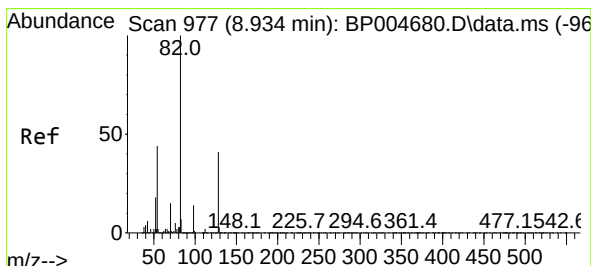
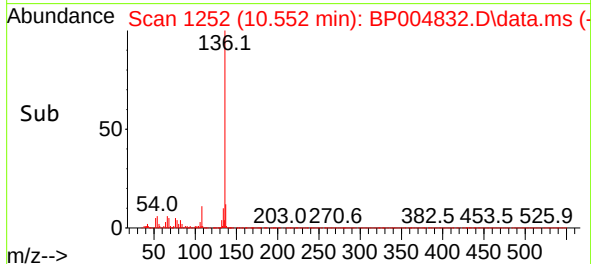
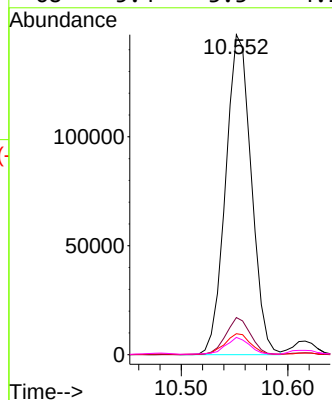
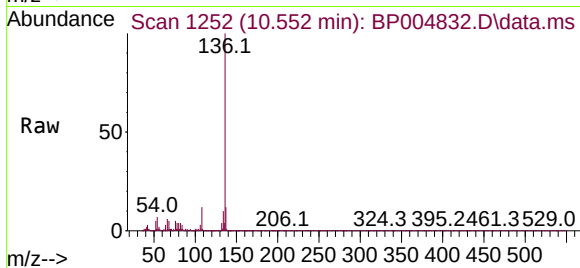




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.552 min Scan# 1252
Delta R.T. -0.005 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

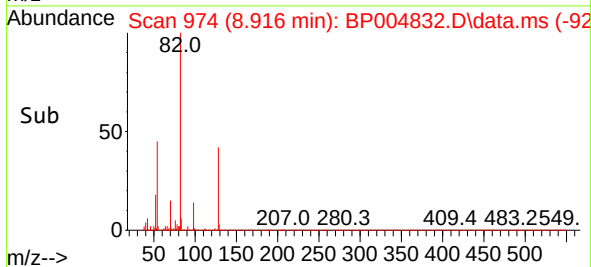
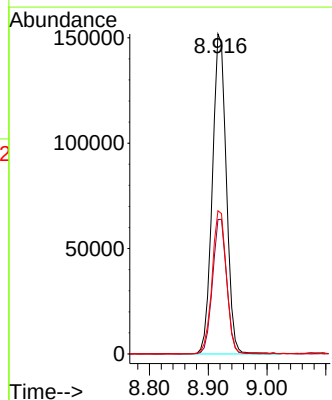
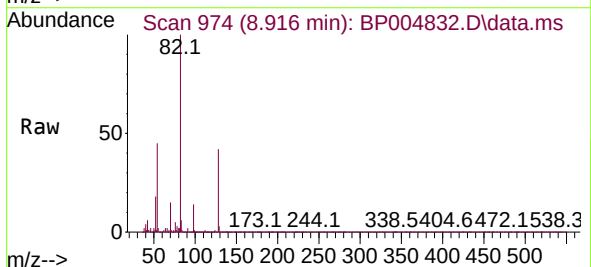
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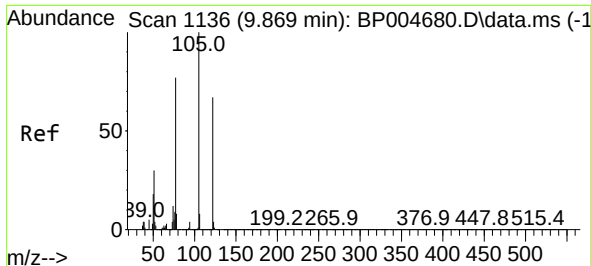
Tgt Ion:	136	Resp:	246056
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.6	13.0
54	6.6	3.6	5.4#
68	5.4	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 44.41 ng
RT: 8.916 min Scan# 974
Delta R.T. -0.005 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Tgt Ion:	82	Resp:	250784
Ion Ratio	Lower	Upper	
82	100		
128	42.0	45.6	68.4#
54	44.7	30.1	45.1

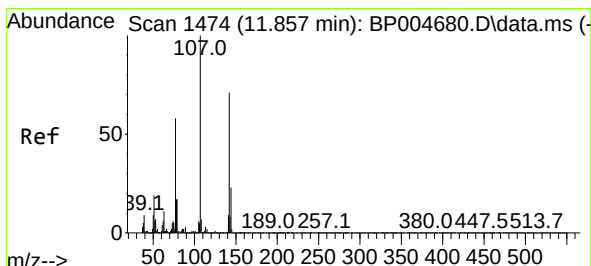
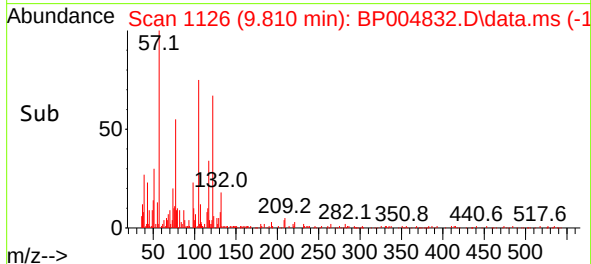
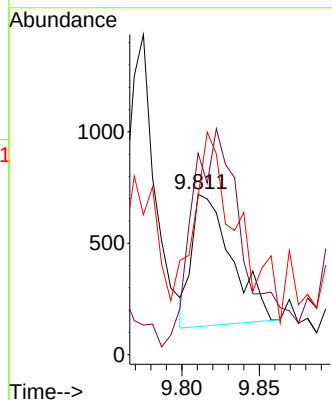
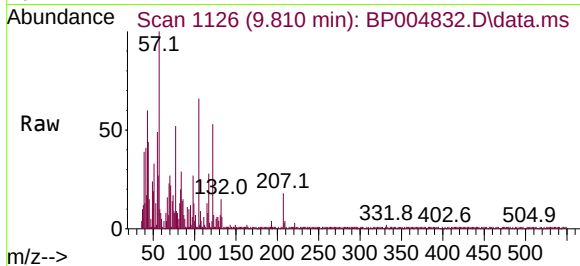




#32
Benzoic acid
Concen: 7.16 ng
RT: 9.810 min Scan# 1126
Delta R.T. -0.058 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

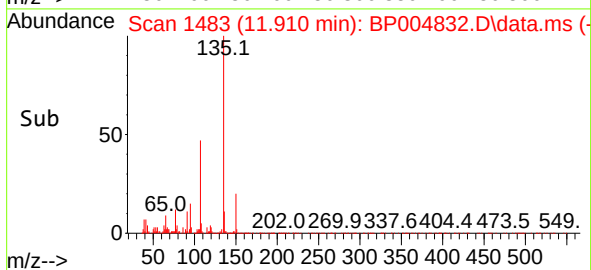
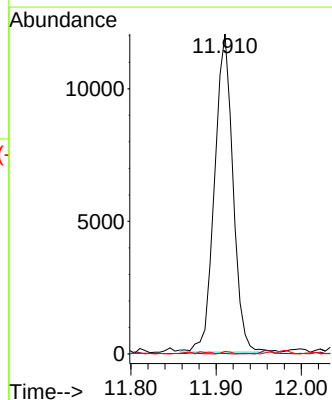
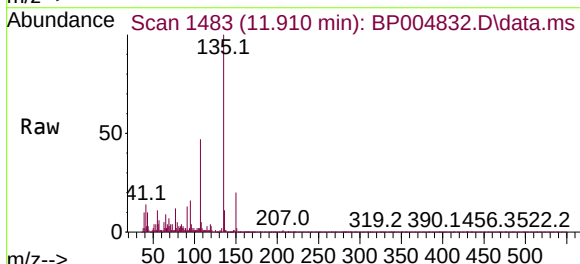
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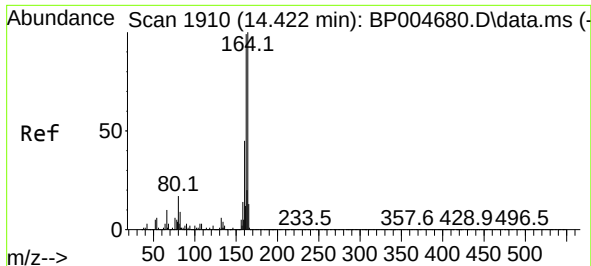
Tgt Ion:122 Resp: 1057
Ion Ratio Lower Upper
122 100
105 125.4 94.1 134.1
77 98.3 50.1 90.1#



#36
4-Chloro-3-methylphenol
Concen: 3.66 ng
RT: 11.910 min Scan# 1483
Delta R.T. 0.053 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Tgt Ion:107 Resp: 18038
Ion Ratio Lower Upper
107 100
144 0.1 22.7 34.1#
142 0.8 70.7 106.1#

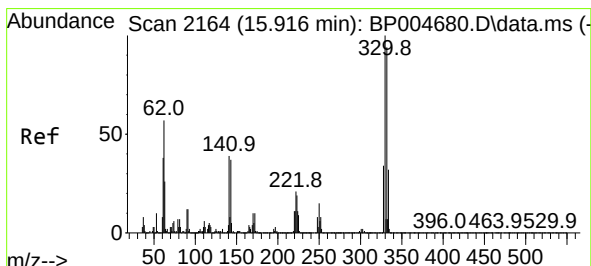
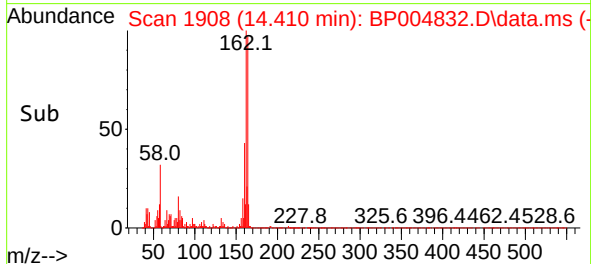
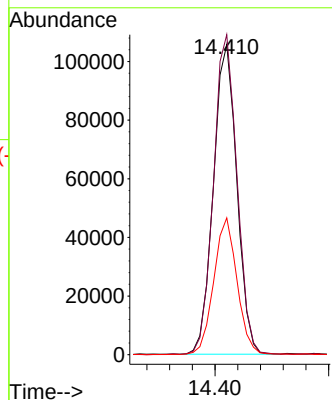
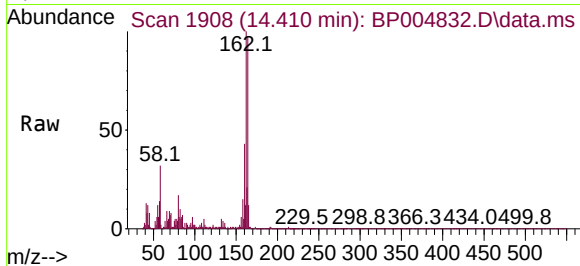




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.410 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

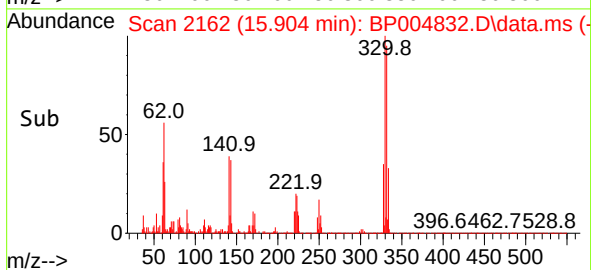
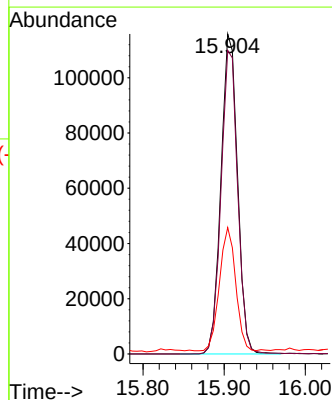
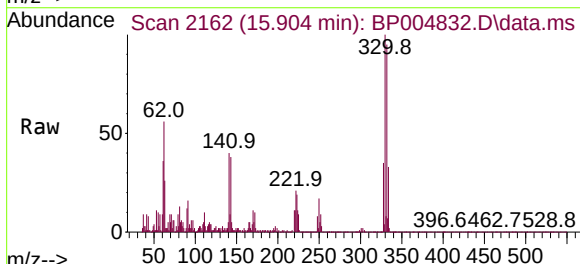
Instrument :
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ClientSampleId :
SLUDGE-COMP

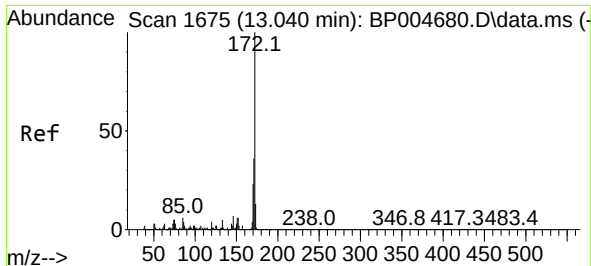
Tgt Ion:164 Resp: 151294
Ion Ratio Lower Upper
164 100
162 103.2 79.4 119.2
160 44.1 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 81.86 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.005 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Tgt Ion:330 Resp: 164551
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 37.7 23.4 35.2#

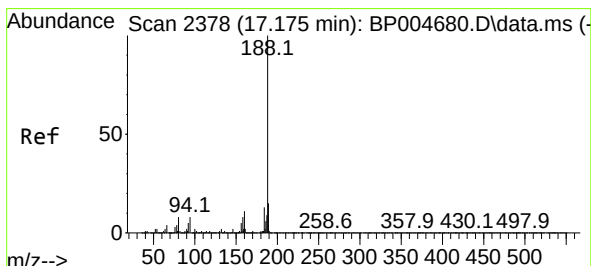
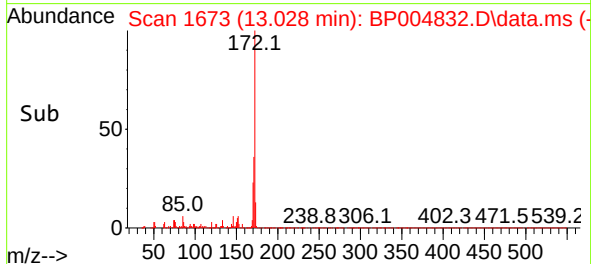
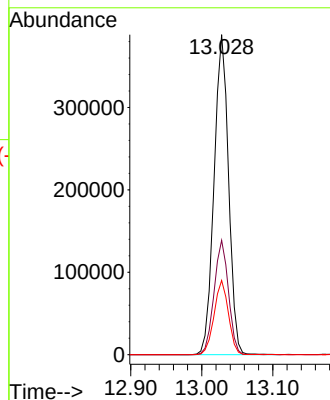
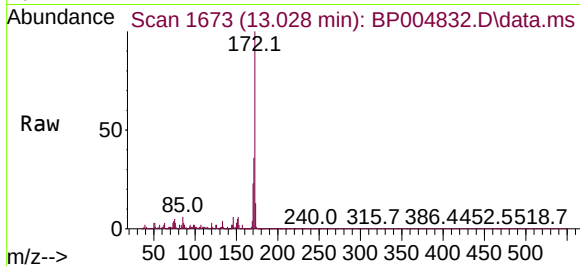




#45
2-Fluorobiphenyl
Concen: 44.37 ng
RT: 13.028 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

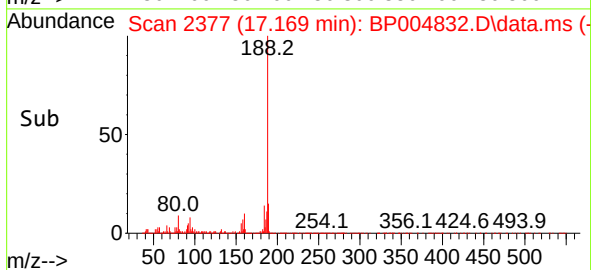
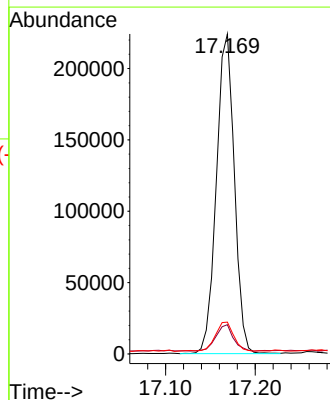
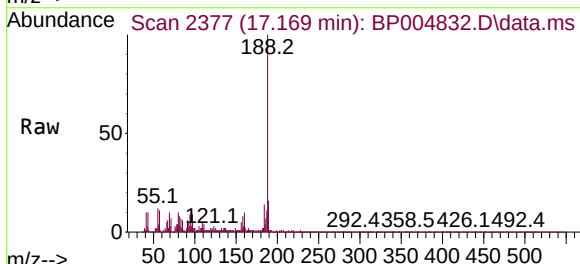
Instrument :
BNA_P
ClientSampleId :
SLUDGE-COMP

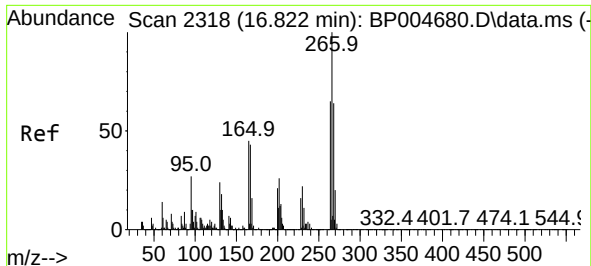
Tgt Ion:172	Resp:	549251
Ion Ratio	Lower	Upper
172	100	
171	35.8	28.5 42.7
170	23.2	19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.169 min Scan# 2377
Delta R.T. 0.006 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Tgt Ion:188	Resp:	311689
Ion Ratio	Lower	Upper
188	100	
94	9.2	6.2 9.2
80	9.9	6.2 9.2#

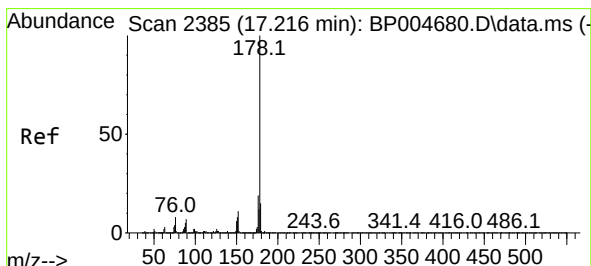
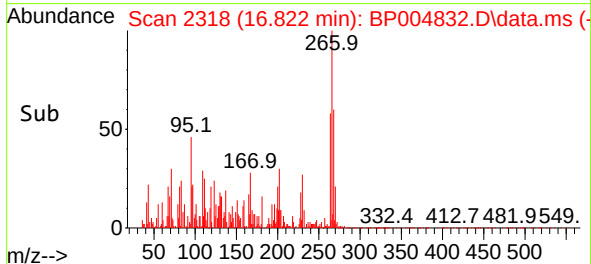
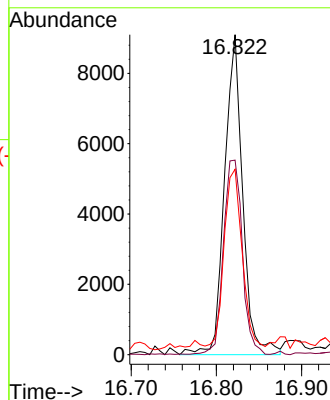
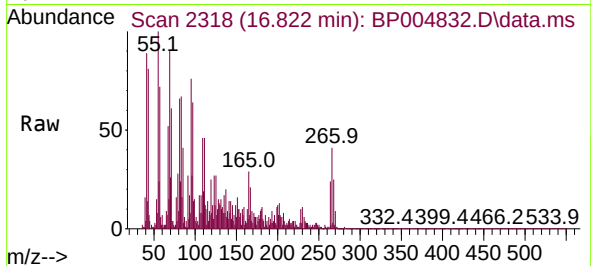




#70
Pentachlorophenol
Concen: 5.52 ng
RT: 16.822 min Scan# 2318
Delta R.T. 0.006 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

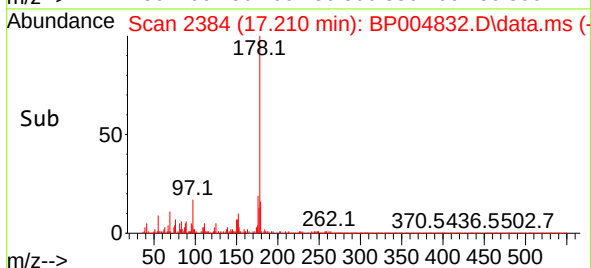
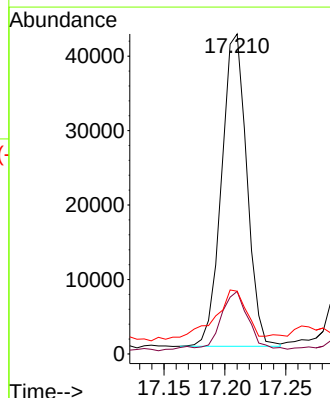
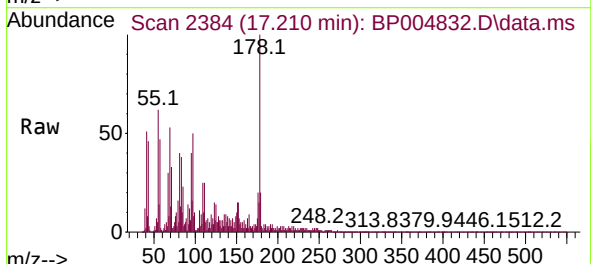
Instrument :
BNA_P
ClientSampleId :
SLUDGE-COMP

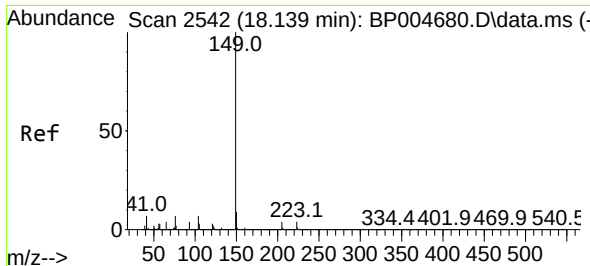
Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.8	51.1	76.7
264	62.4	50.6	76.0



#71
Phenanthrene
Concen: 3.17 ng
RT: 17.210 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	19.6	12.5	18.7

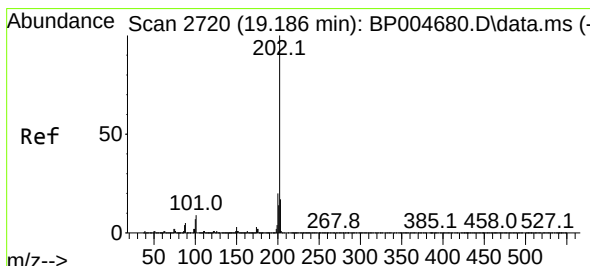
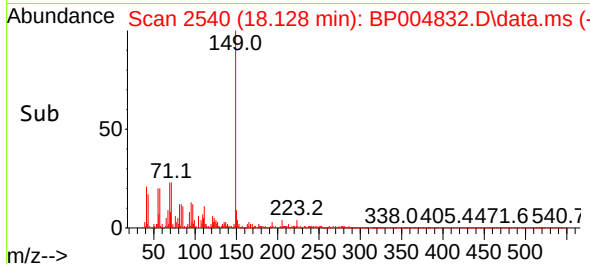
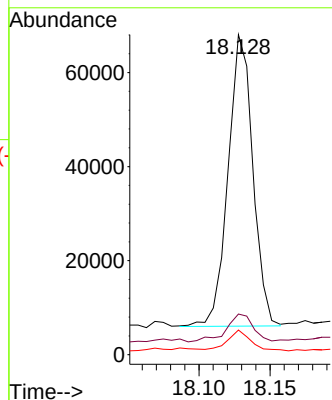
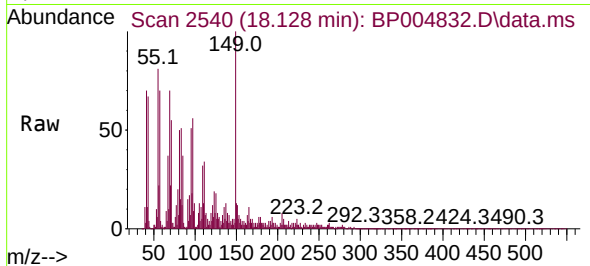




#74
Di-n-butylphthalate
Concen: 3.63 ng
RT: 18.128 min Scan# 2540
Delta R.T. 0.000 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

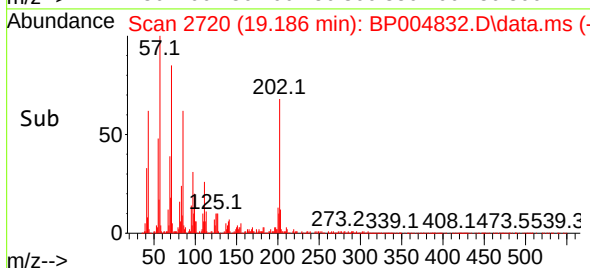
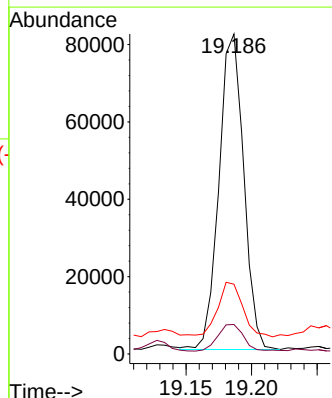
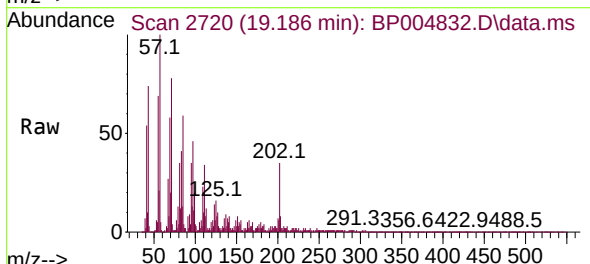
Instrument :
BNA_P
ClientSampleId :
SLUDGE-COMP

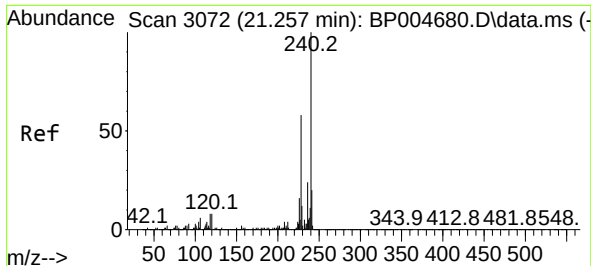
Tgt Ion:	149	Resp:	75043
Ion Ratio	Lower	Upper	
149	100		
150	12.7	7.3	10.9#
104	7.7	3.4	5.0#



#75
Fluoranthene
Concen: 4.70 ng
RT: 19.186 min Scan# 2720
Delta R.T. 0.006 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Tgt Ion:	202	Resp:	106827
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	29.4
203	21.8	0.0	37.8

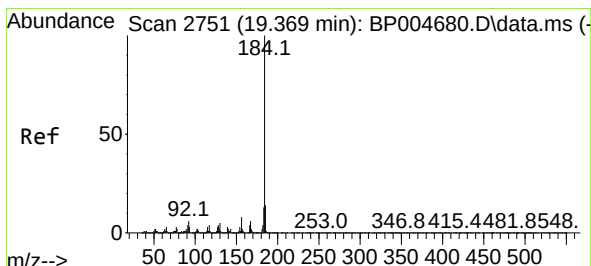
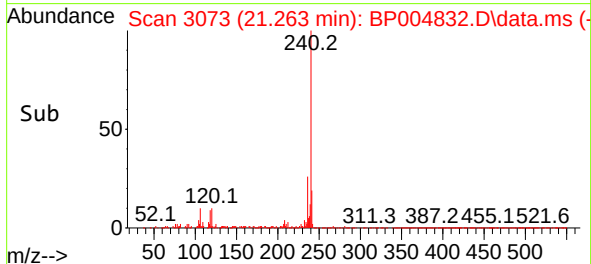
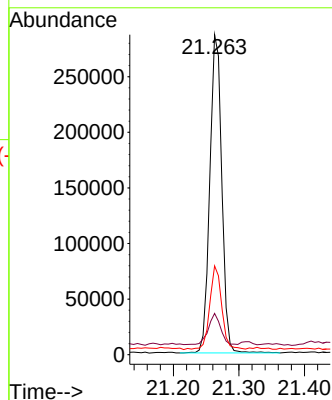
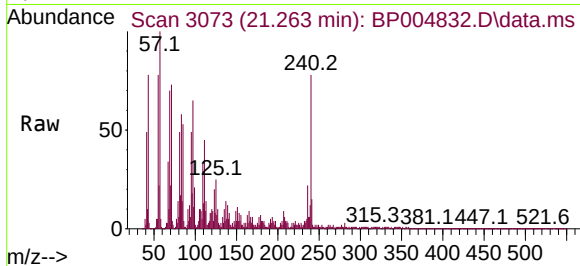




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.263 min Scan# 3073
Delta R.T. 0.012 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

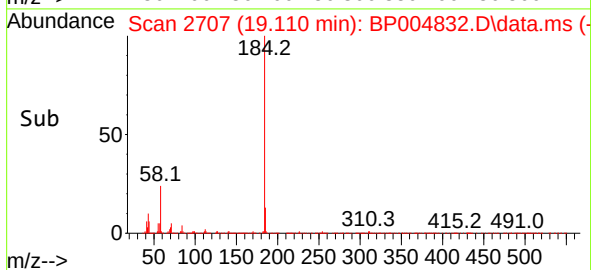
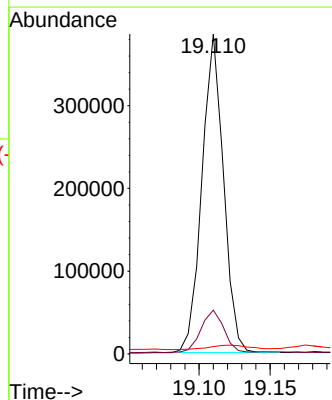
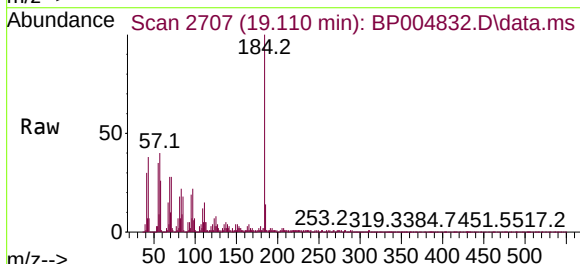
Instrument :
BNA_P
ClientSampleId :
SLUDGE-COMP

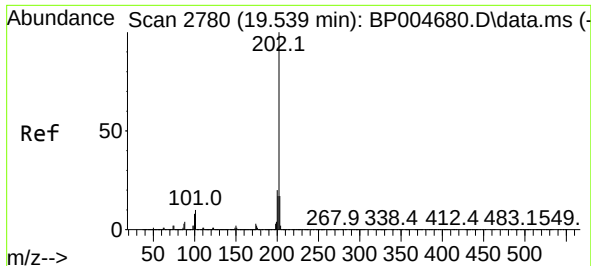
Tgt Ion:240 Resp: 363175
Ion Ratio Lower Upper
240 100
120 12.9 7.8 11.6#
236 27.7 20.8 31.2



#77
Benzidine
Concen: 57.12 ng
RT: 19.110 min Scan# 2707
Delta R.T. -0.252 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Tgt Ion:184 Resp: 404565
Ion Ratio Lower Upper
184 100
185 13.7 11.5 17.3
183 2.3 9.6 14.4#

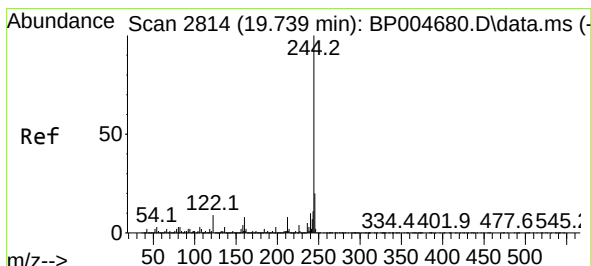
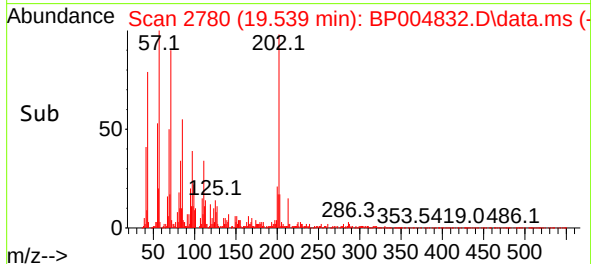
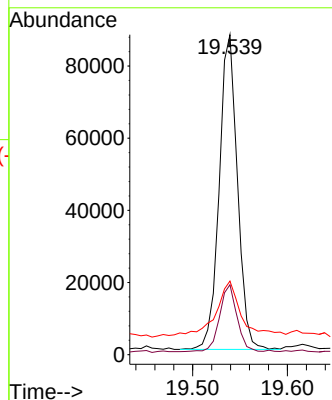
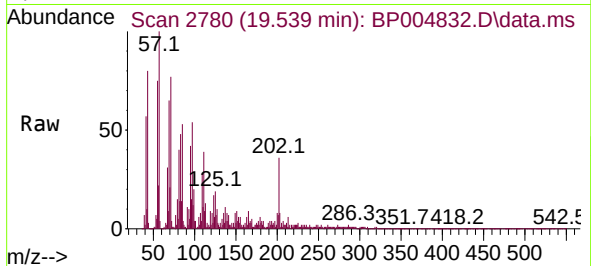




#78
Pyrene
Concen: 4.56 ng
RT: 19.539 min Scan# 2780
Delta R.T. 0.006 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

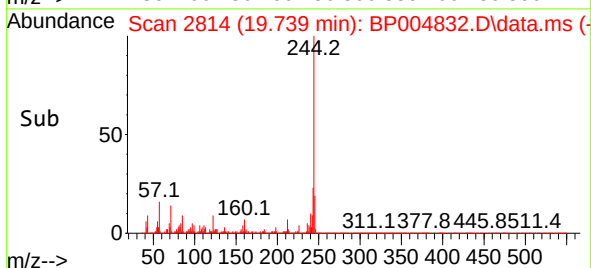
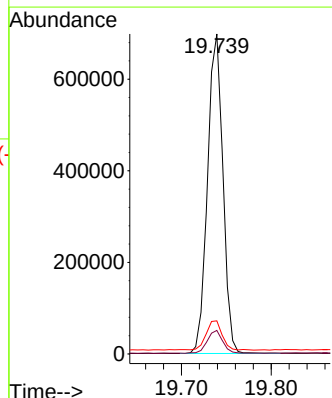
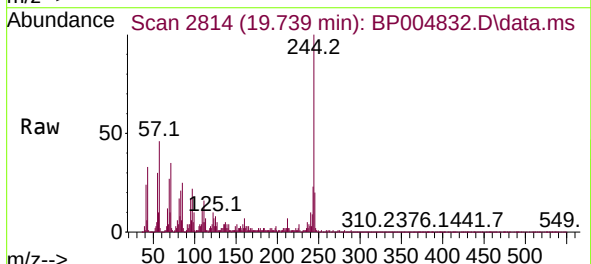
Instrument :
BNA_P
ClientSampleId :
SLUDGE-COMP

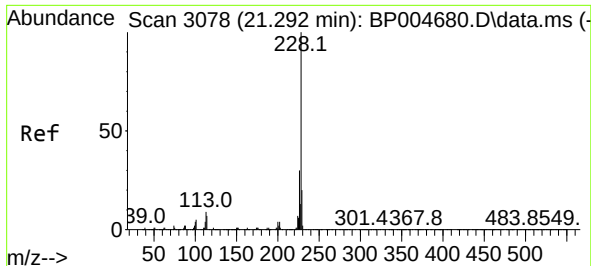
Tgt Ion:202 Resp: 116796
Ion Ratio Lower Upper
202 100
200 21.9 17.1 25.7
203 23.0 14.2 21.2#



#79
Terphenyl-d14
Concen: 38.45 ng
RT: 19.739 min Scan# 2814
Delta R.T. 0.006 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Tgt Ion:244 Resp: 831277
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 10.3 7.8 11.8

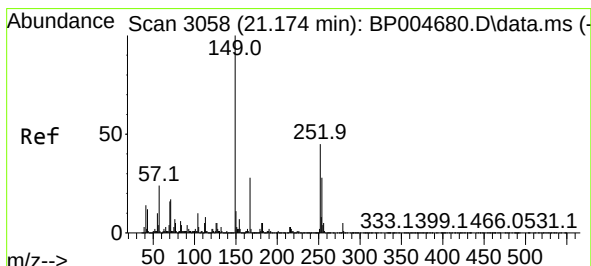
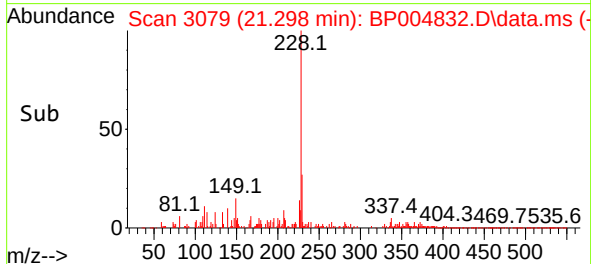
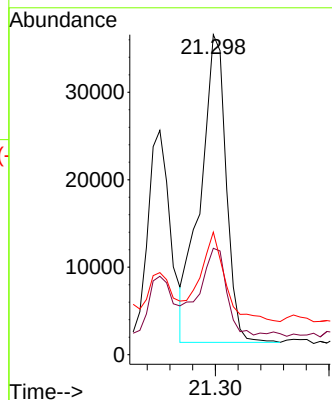
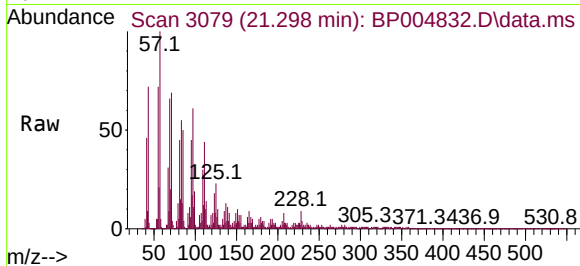




#83
Chrysene
Concen: 2.22 ng
RT: 21.298 min Scan# 3079
Delta R.T. 0.012 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

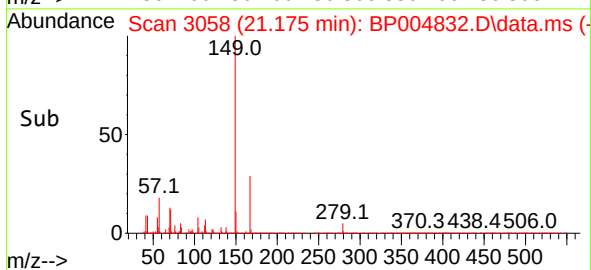
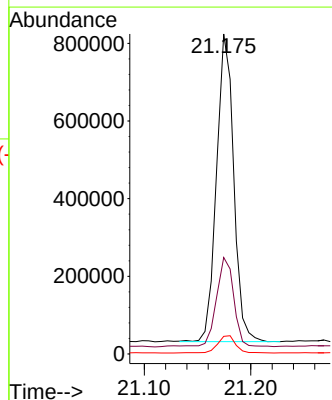
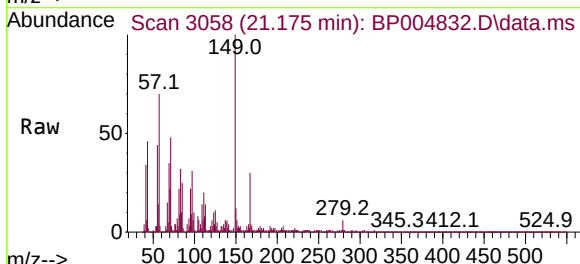
Instrument :
BNA_P
ClientSampleId :
SLUDGE-COMP

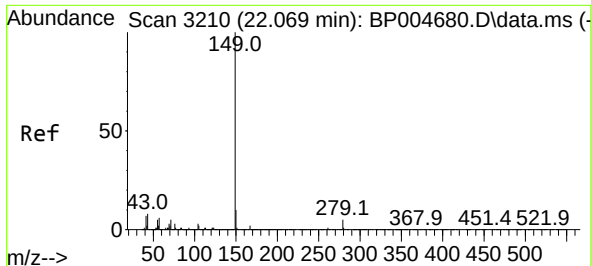
Tgt Ion:228	Resp:	55450
Ion Ratio	Lower	Upper
228	100	
226	33.3	24.4 36.6
229	38.3	15.8 23.6#



#84
Bis(2-ethylhexyl)phthalate
Concen: 58.17 ng
RT: 21.175 min Scan# 3058
Delta R.T. 0.012 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Tgt Ion:149	Resp:	883758
Ion Ratio	Lower	Upper
149	100	
167	30.2	22.6 34.0
279	5.5	4.2 6.2

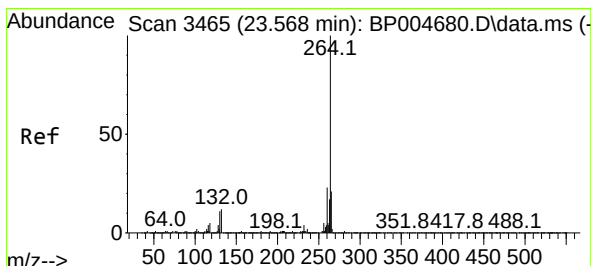
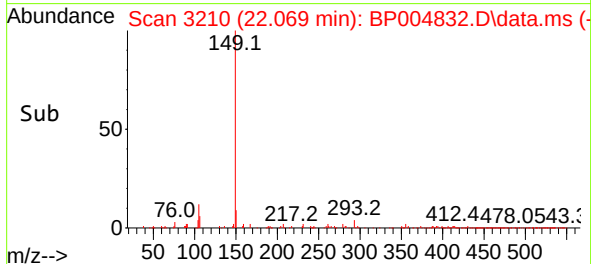
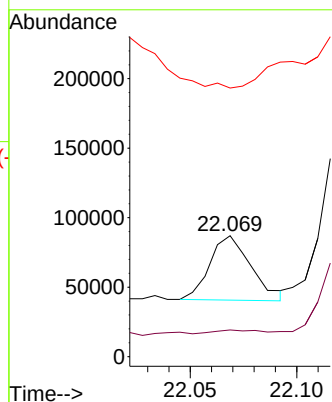
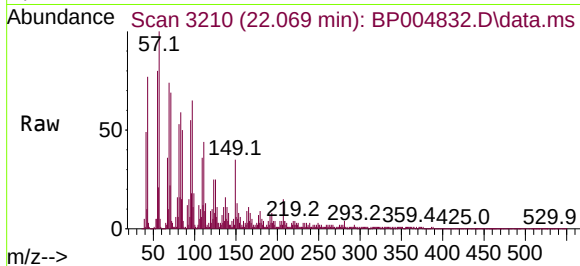




#85
Di-n-octyl phthalate
Concen: 2.53 ng
RT: 22.069 min Scan# 3210
Delta R.T. 0.012 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

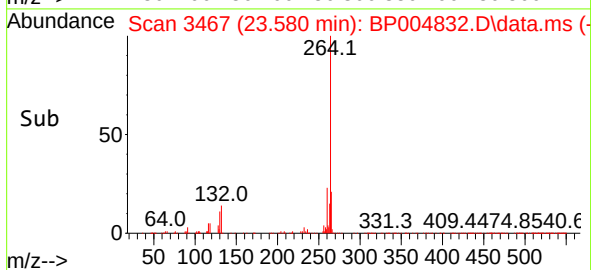
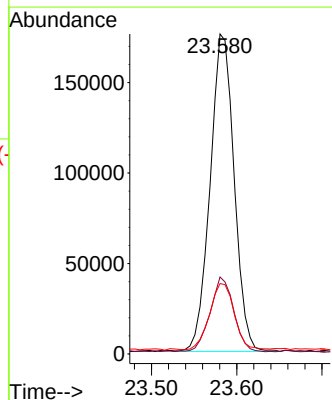
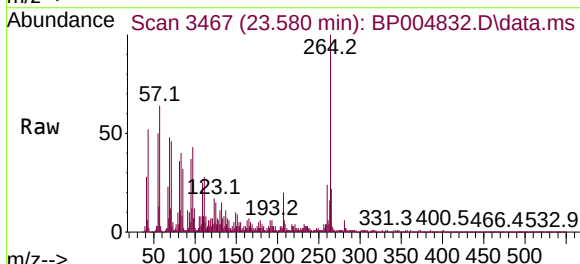
Instrument :
BNA_P
ClientSampleId :
SLUDGE-COMP

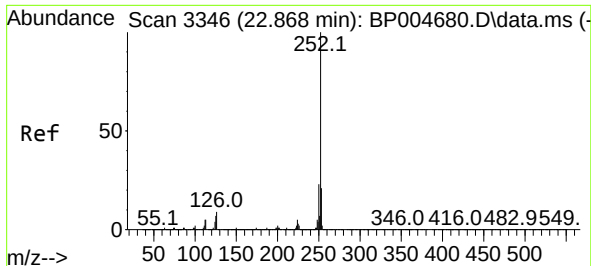
Tgt Ion:149 Resp: 62369
Ion Ratio Lower Upper
149 100
167 10.5 1.3 1.9#
43 0.0 3.7 5.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.580 min Scan# 3467
Delta R.T. 0.024 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Tgt Ion:264 Resp: 343563
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 22.0 17.4 26.2

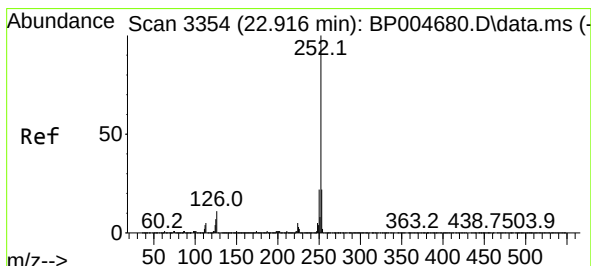
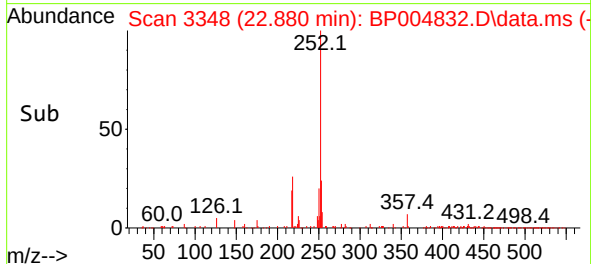
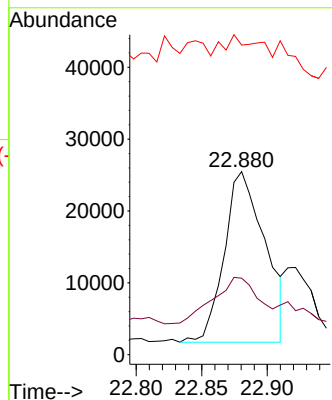
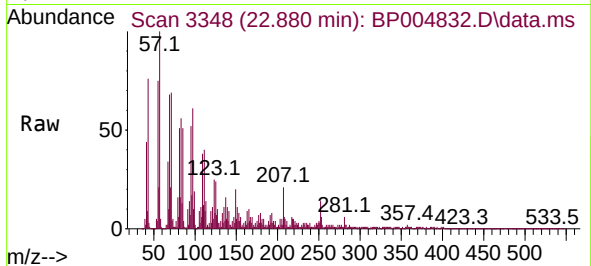




#88
Benzo(b)fluoranthene
Concen: 2.04 ng
RT: 22.880 min Scan# 3348
Delta R.T. 0.024 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Instrument :
BNA_P
ClientSampleId :
SLUDGE-COMP

Tgt Ion:252 Resp: 51232
Ion Ratio Lower Upper
252 100
253 41.8 17.6 26.4#
125 169.1 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 2.12 ng
RT: 22.880 min Scan# 3348
Delta R.T. -0.023 min
Lab File: BP004832.D
Acq: 19 Feb 2021 20:56

Tgt Ion:252 Resp: 51232
Ion Ratio Lower Upper
252 100
253 41.8 17.8 26.8#
125 169.1 7.4 11.2#

