

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
 Data File : BM033741.D
 Acq On : 14 Jan 2022 22:58
 Operator : CG/JU
 Sample : N1124-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WASTE-CLASS-BOILER-PIT

Quant Time: Jan 17 00:28:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 13 07:49:01 2022
 Response via : Initial Calibration

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

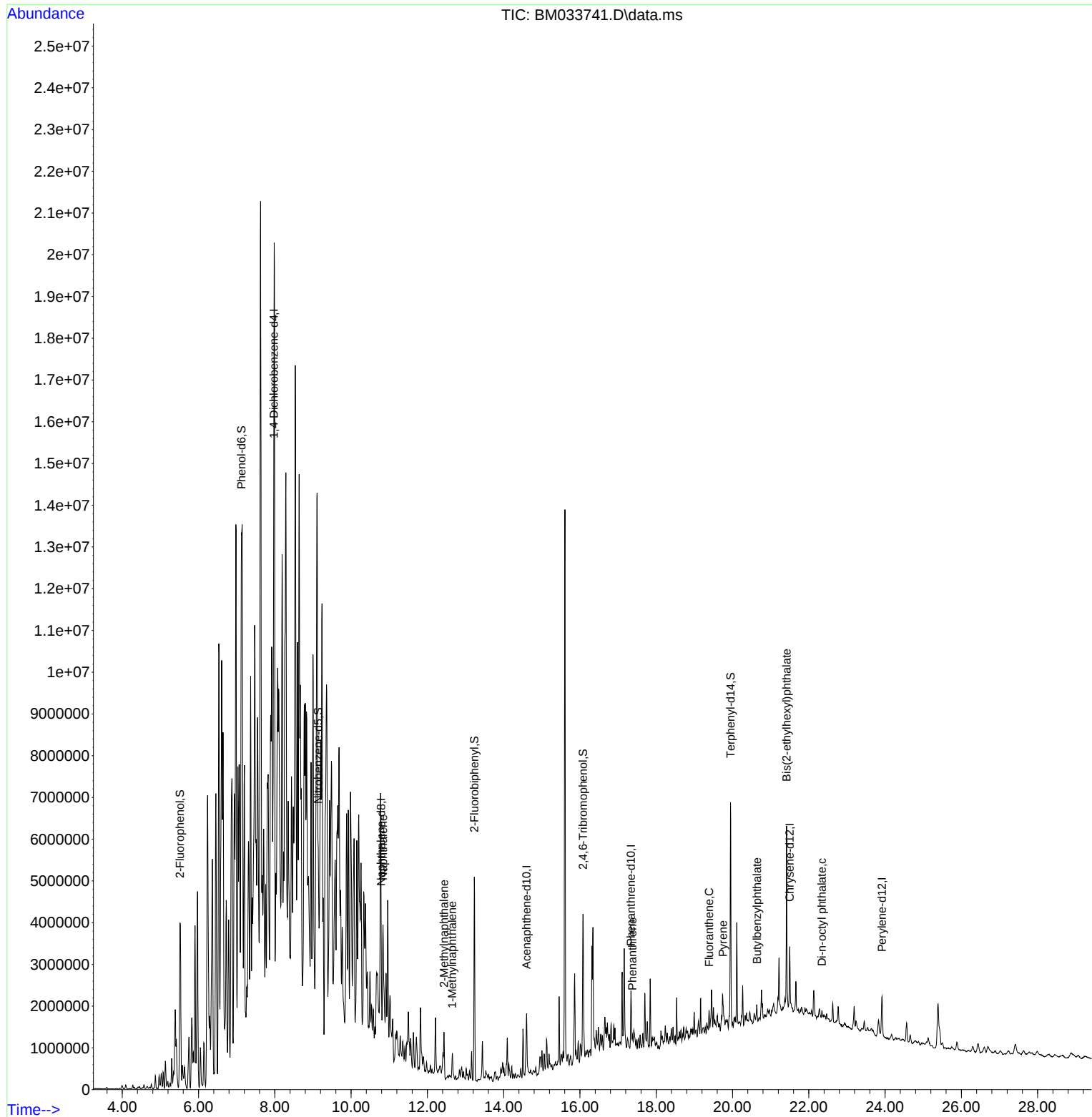
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	167372	20.000	ng	0.00
21) Naphthalene-d8	10.789	136	701649	20.000	ng	# 0.00
39) Acenaphthene-d10	14.601	164	449610	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	751674	20.000	ng	0.00
76) Chrysene-d12	21.500	240	621409	20.000	ng	0.00
86) Perylene-d12	23.918	264	689185	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	1194301	112.538	ng	0.00
7) Phenol-d6	7.125	99	1391605	97.295	ng	0.00
23) Nitrobenzene-d5	9.136	82	1284479	84.544	ng	0.00
42) 2,4,6-Tribromophenol	16.083	330	583447	124.242	ng	0.00
45) 2-Fluorobiphenyl	13.230	172	2393361	69.722	ng	-0.01
79) Terphenyl-d14	19.948	244	2395981	69.403	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	10.836	128	1131075	29.412	ng	# 96
37) 2-Methylnaphthalene	12.436	142	391476	15.065	ng	99
38) 1-Methylnaphthalene	12.654	142	232262	9.196	ng	99
71) Phenanthrene	17.377	178	131748	3.063	ng	# 94
75) Fluoranthene	19.389	202	106129	2.350	ng	89
78) Pyrene	19.748	202	108834	2.488	ng	# 94
80) Butylbenzylphthalate	20.642	149	61090	3.126	ng	99
84) Bis(2-ethylhexyl)phtha...	21.418	149	1581912	53.143	ng	98
85) Di-n-octyl phthalate	22.342	149	169740	3.507	ng	# 85

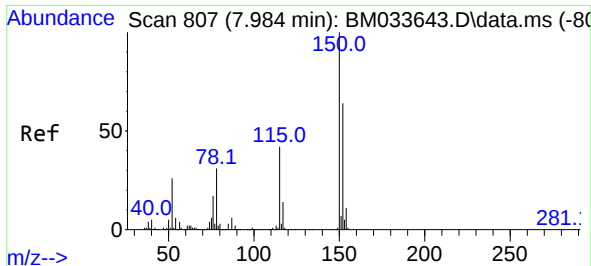
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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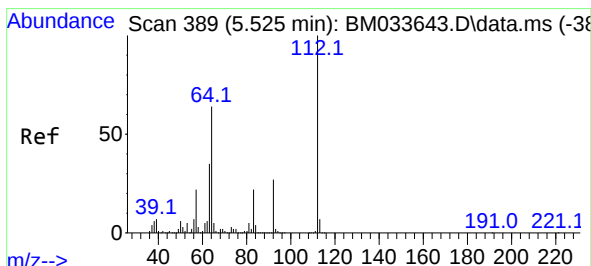
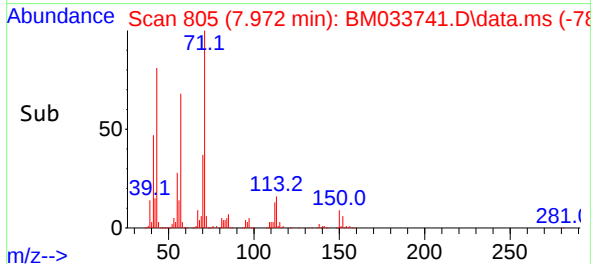
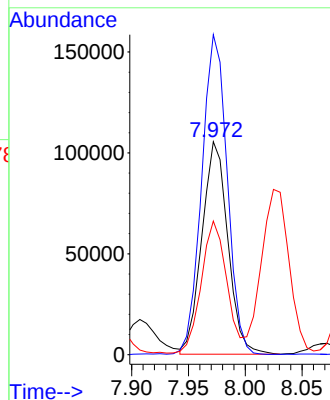
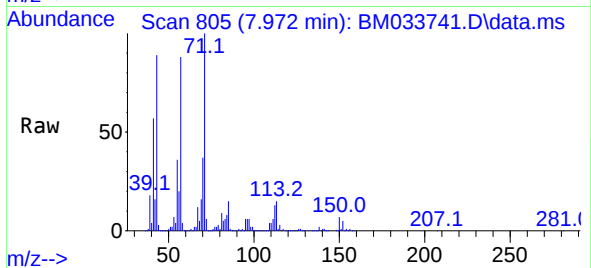




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.972 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM033741.D
Acq: 14 Jan 2022 22:58

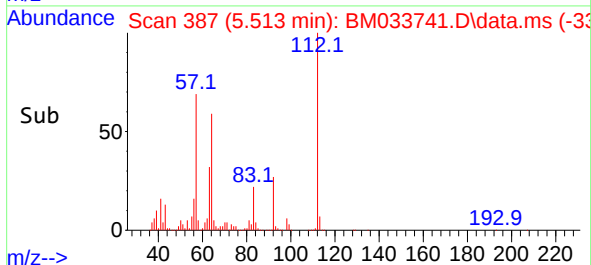
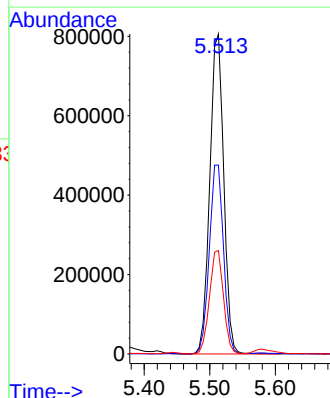
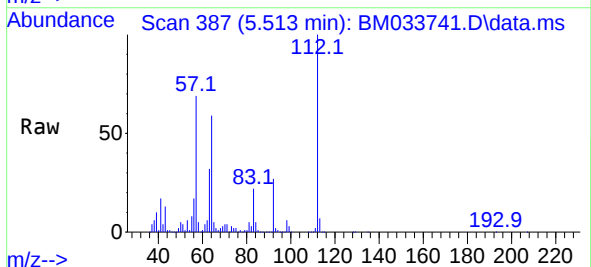
Instrument :
BNA_M
ClientSampleId :
WASTE-CLASS-BOILER-PIT

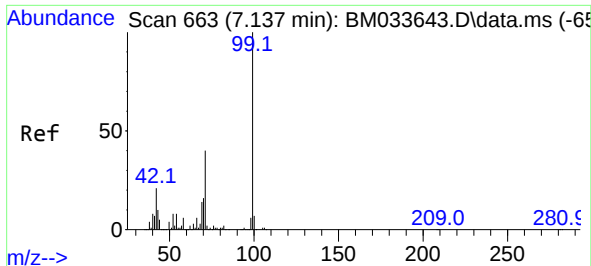
Tgt Ion:152 Resp: 167372
Ion Ratio Lower Upper
152 100
150 150.2 128.9 193.3
115 62.7 53.0 79.6



#5
2-Fluorophenol
Concen: 112.538 ng
RT: 5.513 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM033741.D
Acq: 14 Jan 2022 22:58

Tgt Ion:112 Resp: 1194301
Ion Ratio Lower Upper
112 100
64 59.0 55.5 83.3
63 32.3 31.3 46.9

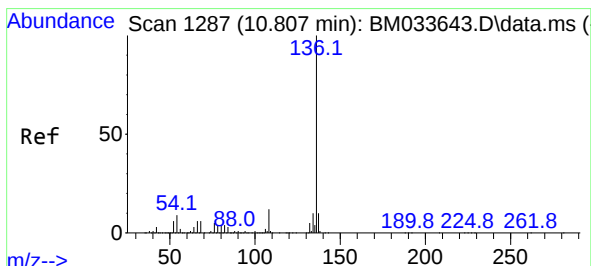
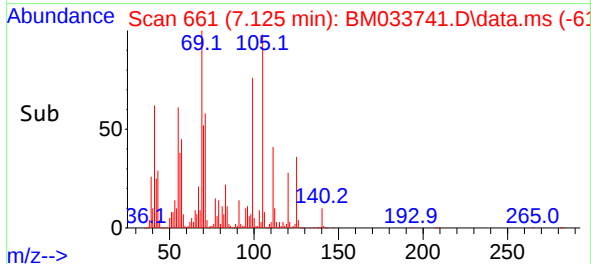
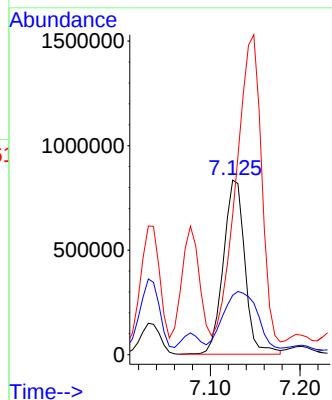
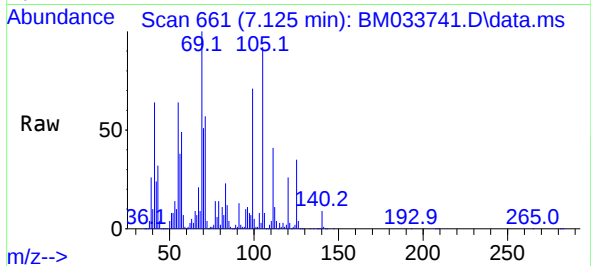




#7
Phenol-d6
Concen: 97.295 ng
RT: 7.125 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM033741.D
Acq: 14 Jan 2022 22:58

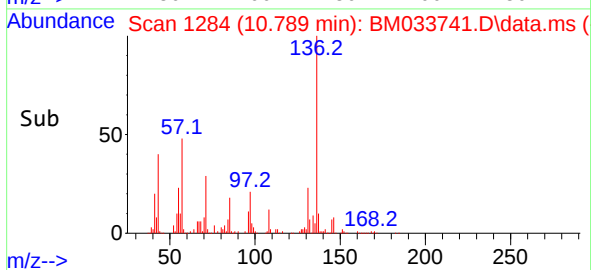
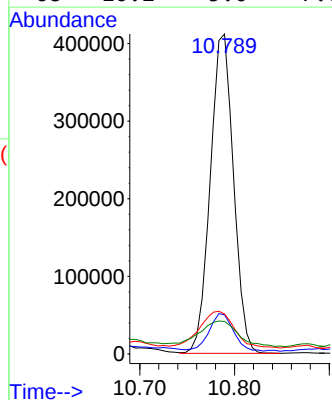
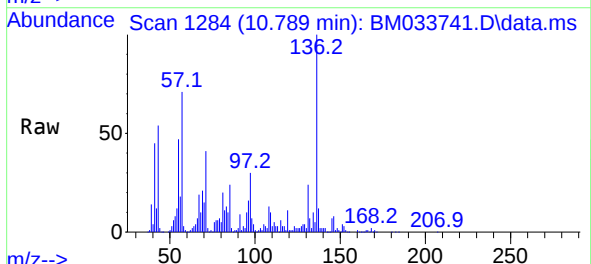
Instrument :
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ClientSampleId :
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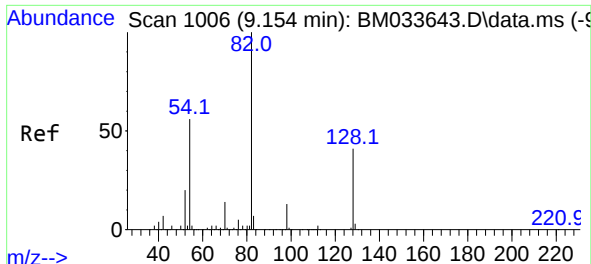
Tgt Ion: 99 Resp: 1391605
Ion Ratio Lower Upper
99 100
42 34.0 20.3 30.5#
71 80.0 34.5 51.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.789 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BM033741.D
Acq: 14 Jan 2022 22:58

Tgt Ion:136 Resp: 701649
Ion Ratio Lower Upper
136 100
137 12.3 8.6 13.0
54 12.5 8.3 12.5#
68 10.2 5.0 7.6#

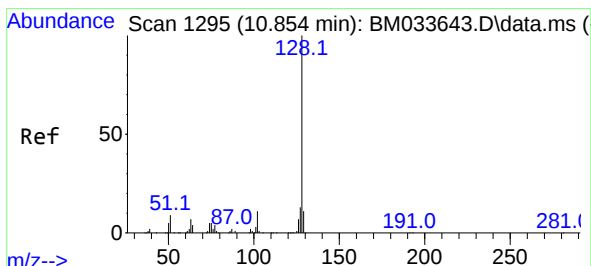
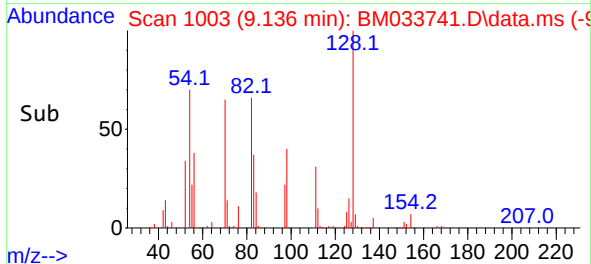
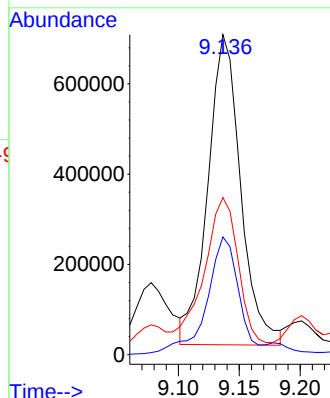
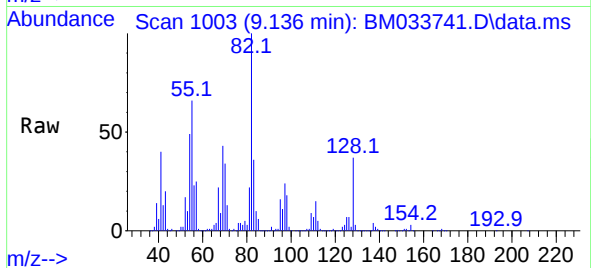




#23
Nitrobenzene-d5
Concen: 84.544 ng
RT: 9.136 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BM033741.D
Acq: 14 Jan 2022 22:58

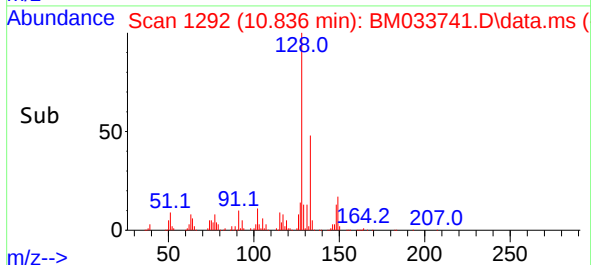
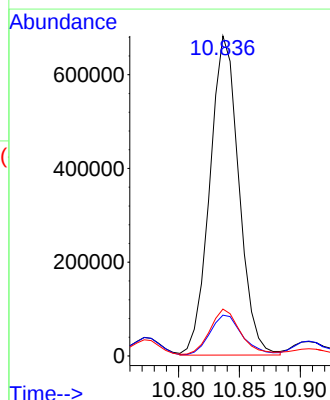
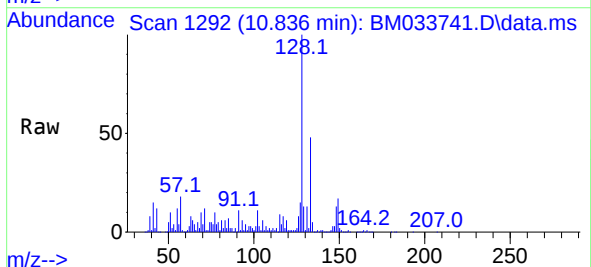
Instrument :
BNA_M
ClientSampleId :
WASTE-CLASS-BOILER-PIT

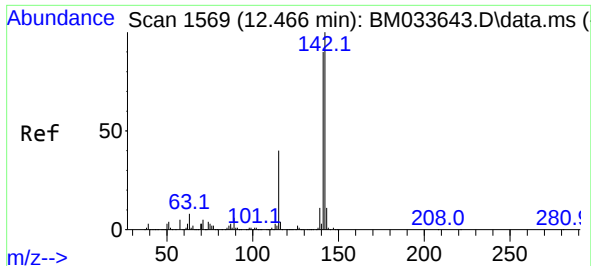
Tgt Ion: 82 Resp: 1284479
Ion Ratio Lower Upper
82 100
128 36.8 28.1 42.1
54 49.1 46.1 69.1



#31
Naphthalene
Concen: 29.412 ng
RT: 10.836 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BM033741.D
Acq: 14 Jan 2022 22:58

Tgt Ion:128 Resp: 1131075
Ion Ratio Lower Upper
128 100
129 12.8 8.5 12.7#
127 14.6 10.8 16.2





#37

2-Methylnaphthalene

Concen: 15.065 ng

RT: 12.436 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM033741.D

Acq: 14 Jan 2022 22:58

Instrument :

BNA_M

ClientSampleId :

WASTE-CLASS-BOILER-PIT

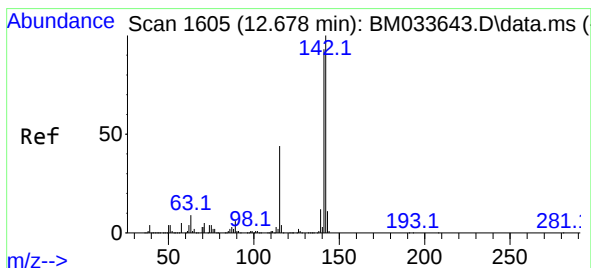
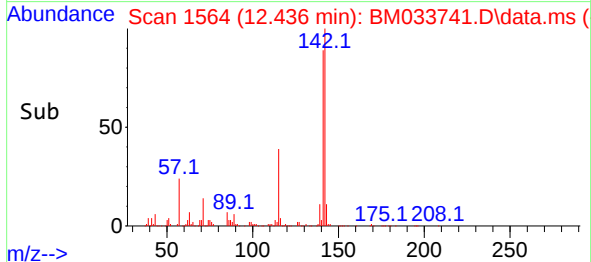
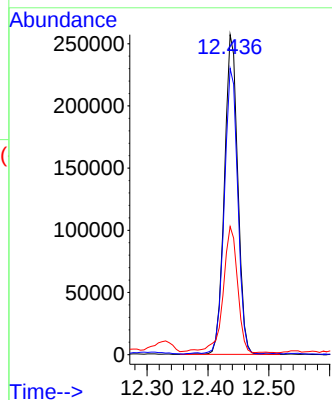
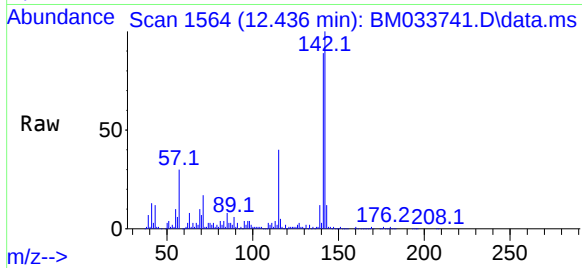
Tgt Ion:142 Resp: 391476

Ion Ratio Lower Upper

142 100

141 89.4 72.2 108.2

115 40.0 33.0 49.6



#38

1-Methylnaphthalene

Concen: 9.196 ng

RT: 12.654 min Scan# 1601

Delta R.T. -0.012 min

Lab File: BM033741.D

Acq: 14 Jan 2022 22:58

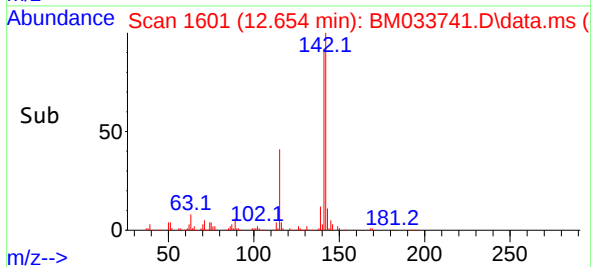
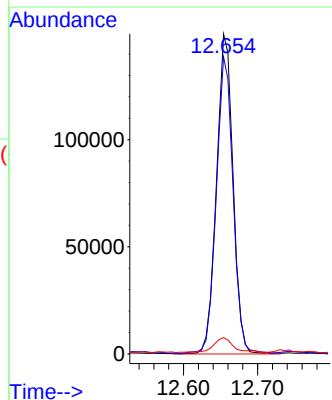
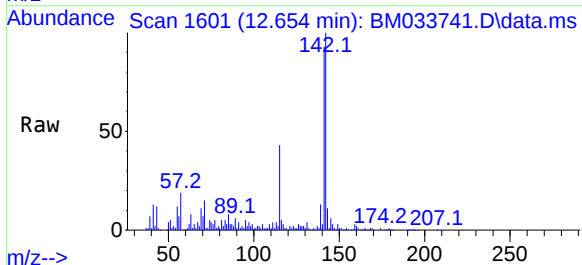
Tgt Ion:142 Resp: 232262

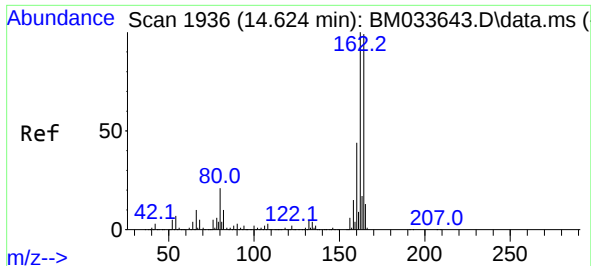
Ion Ratio Lower Upper

142 100

141 92.8 75.0 112.4

116 5.1 3.5 5.3

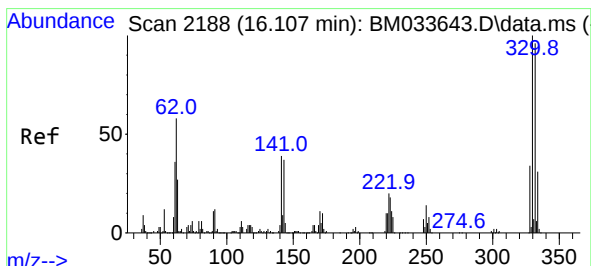
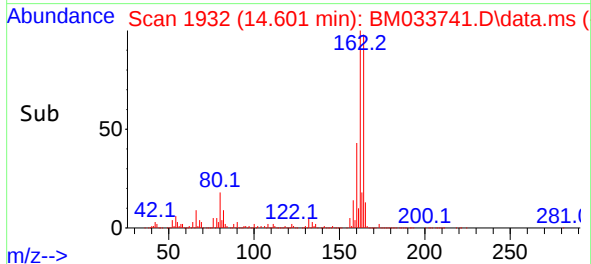
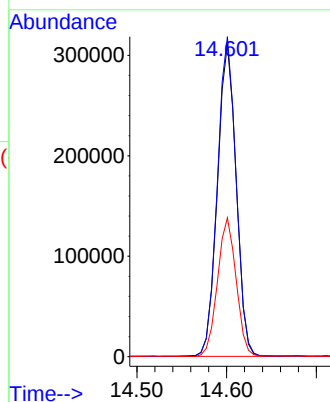
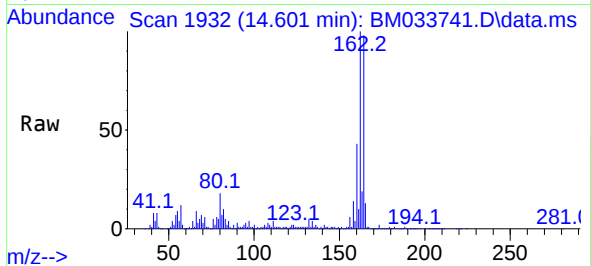




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.601 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM033741.D
Acq: 14 Jan 2022 22:58

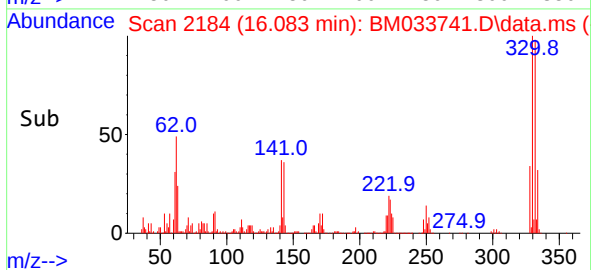
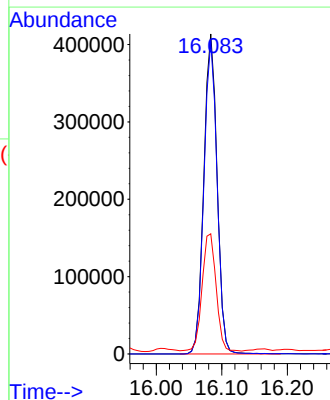
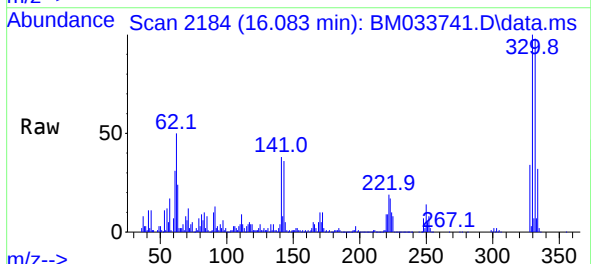
Instrument :
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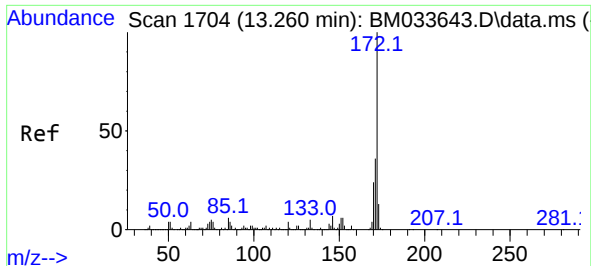
Tgt Ion:164 Resp: 449610
Ion Ratio Lower Upper
164 100
162 102.4 79.7 119.5
160 44.5 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 124.242 ng
RT: 16.083 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM033741.D
Acq: 14 Jan 2022 22:58

Tgt Ion:330 Resp: 583447
Ion Ratio Lower Upper
330 100
332 97.3 76.5 114.7
141 38.4 35.9 53.9

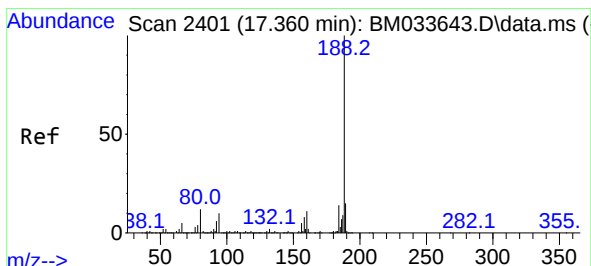
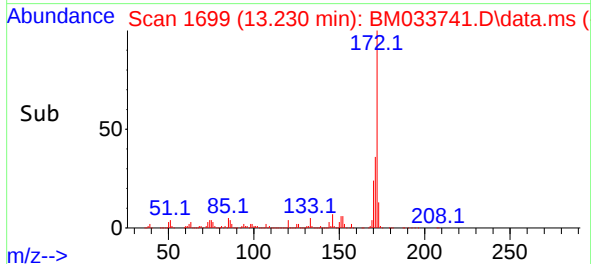
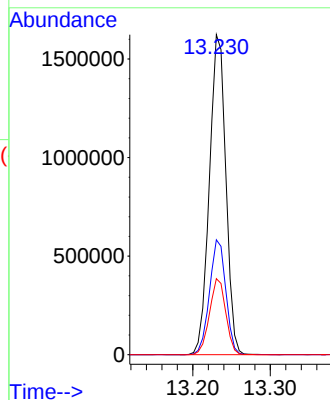
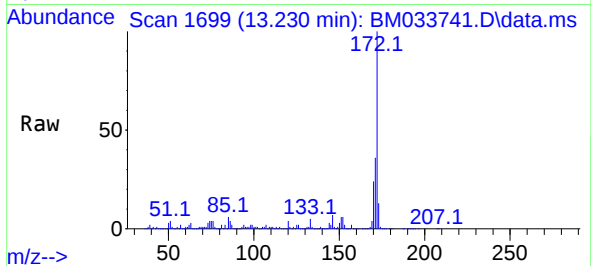




#45
2-Fluorobiphenyl
Concen: 69.722 ng
RT: 13.230 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033741.D
Acq: 14 Jan 2022 22:58

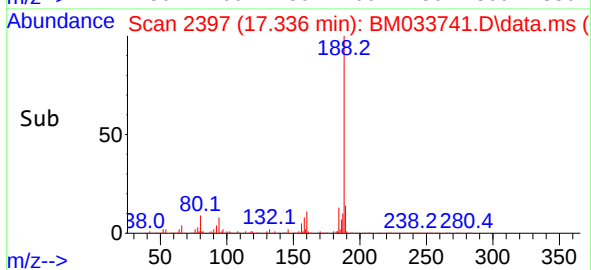
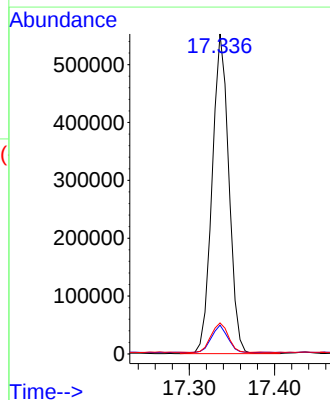
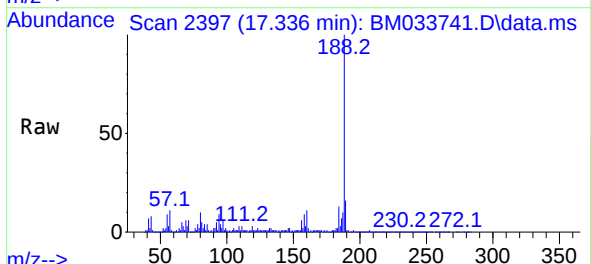
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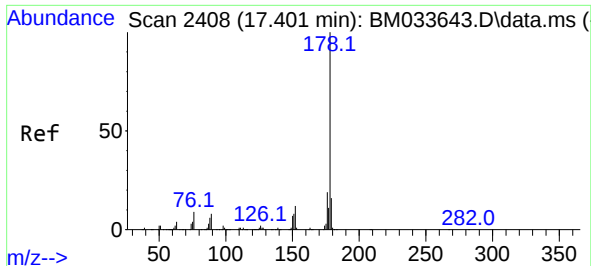
Tgt Ion:172 Resp: 2393361
Ion Ratio Lower Upper
172 100
171 35.9 27.2 40.8
170 23.8 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BM033741.D
Acq: 14 Jan 2022 22:58

Tgt Ion:188 Resp: 751674
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 9.7 8.9 13.3

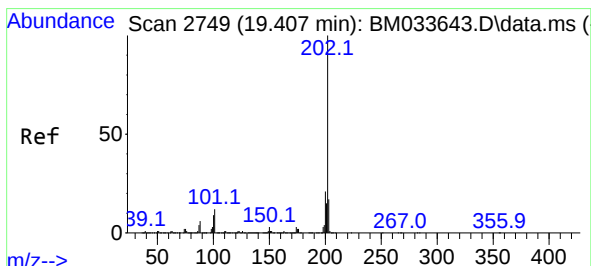
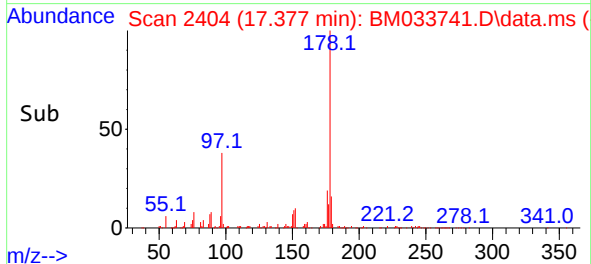
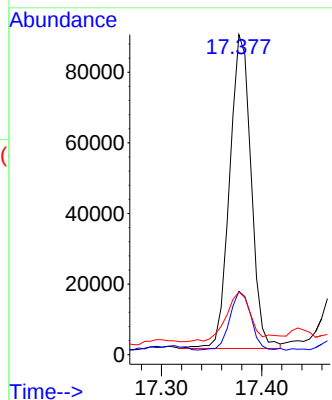
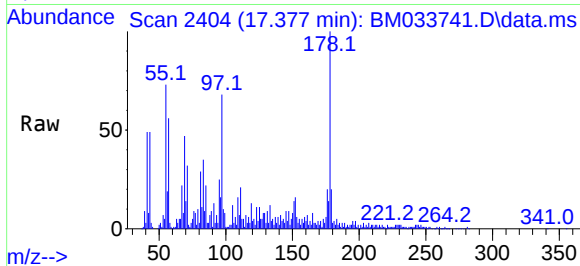




#71
Phenanthrene
Concen: 3.063 ng
RT: 17.377 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BM033741.D
Acq: 14 Jan 2022 22:58

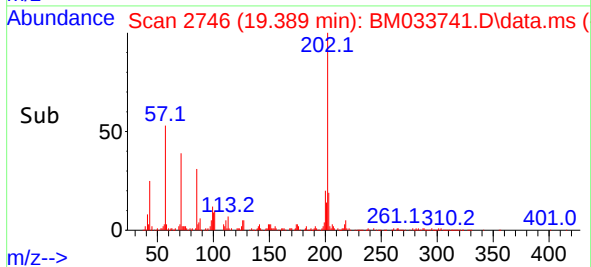
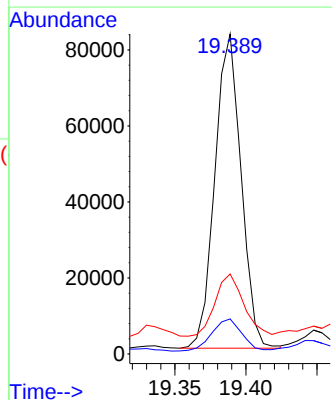
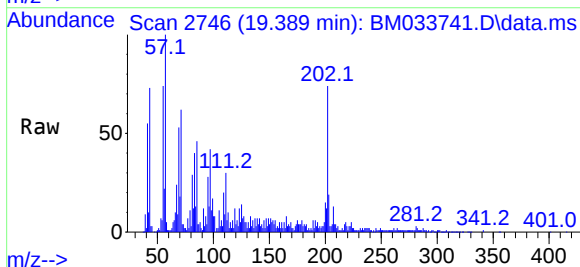
Instrument :
BNA_M
ClientSampleId :
WASTE-CLASS-BOILER-PIT

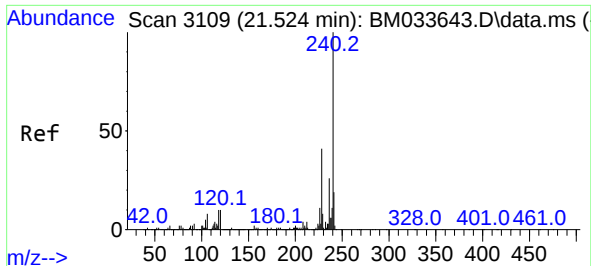
Tgt Ion:178 Resp: 131748
Ion Ratio Lower Upper
178 100
176 19.8 15.1 22.7
179 19.6 12.0 18.0#



#75
Fluoranthene
Concen: 2.350 ng
RT: 19.389 min Scan# 2746
Delta R.T. -0.006 min
Lab File: BM033741.D
Acq: 14 Jan 2022 22:58

Tgt Ion:202 Resp: 106129
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.8
203 25.0 0.0 37.2

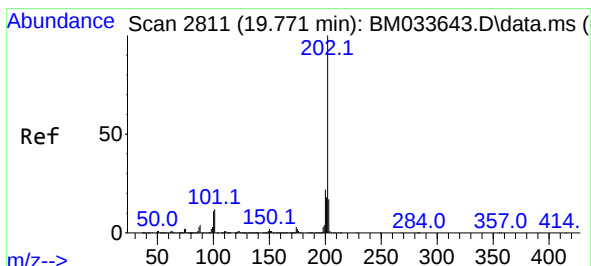
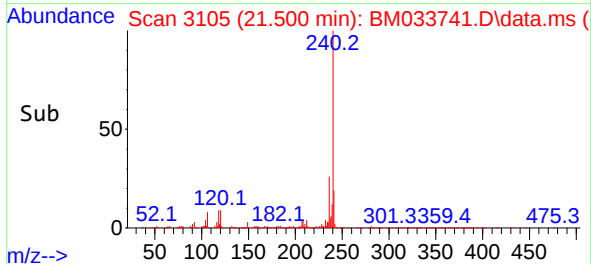
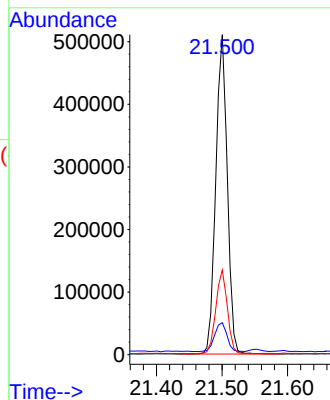
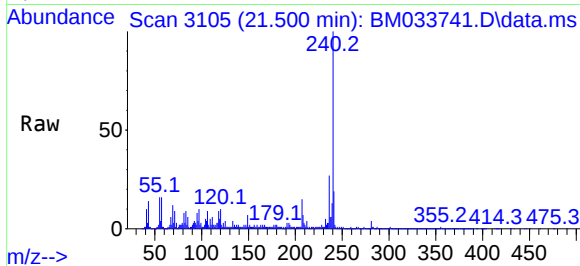




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM033741.D
Acq: 14 Jan 2022 22:58

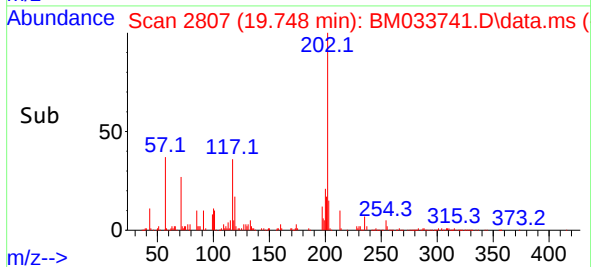
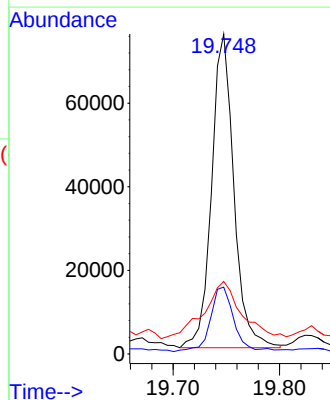
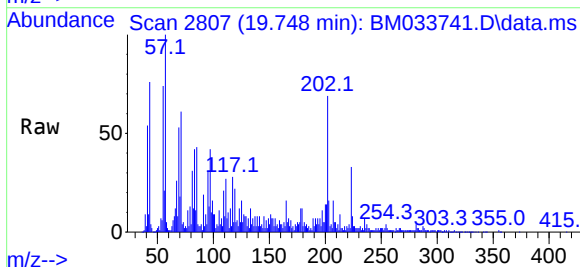
Instrument :
BNA_M
ClientSampleId :
WASTE-CLASS-BOILER-PIT

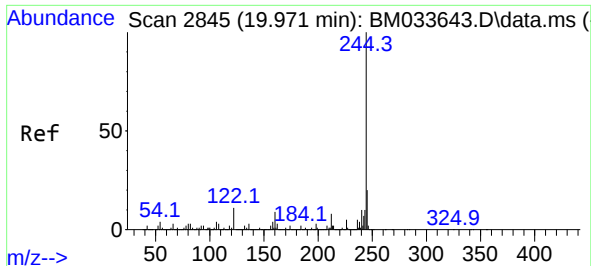
Tgt Ion:240 Resp: 621409
Ion Ratio Lower Upper
240 100
120 10.0 7.8 11.6
236 26.5 20.3 30.5



#78
Pyrene
Concen: 2.488 ng
RT: 19.748 min Scan# 2807
Delta R.T. -0.006 min
Lab File: BM033741.D
Acq: 14 Jan 2022 22:58

Tgt Ion:202 Resp: 108834
Ion Ratio Lower Upper
202 100
200 20.9 16.4 24.6
203 22.7 13.5 20.3#

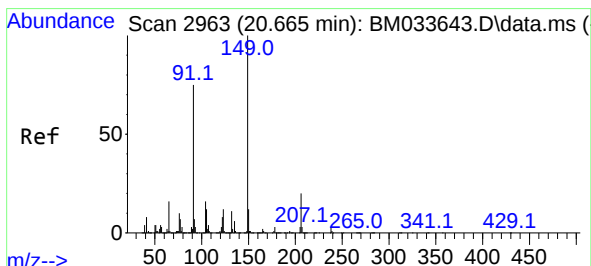
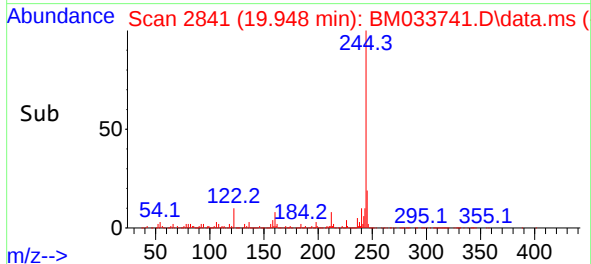
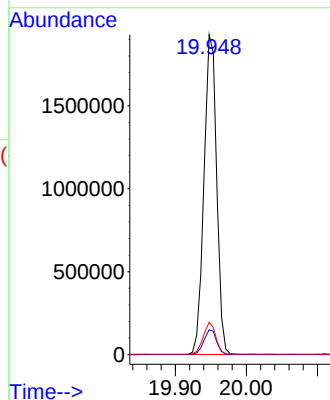
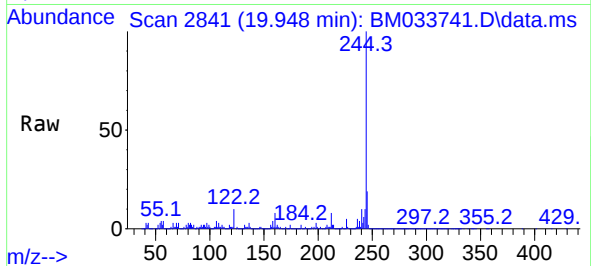




#79
 Terphenyl-d14
 Concen: 69.403 ng
 RT: 19.948 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033741.D
 Acq: 14 Jan 2022 22:58

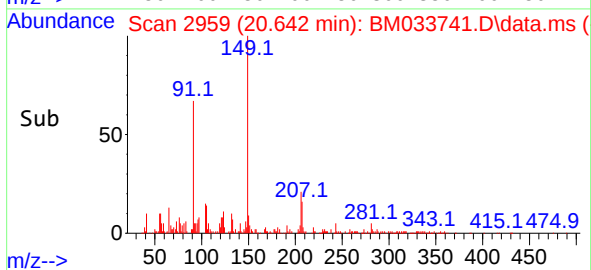
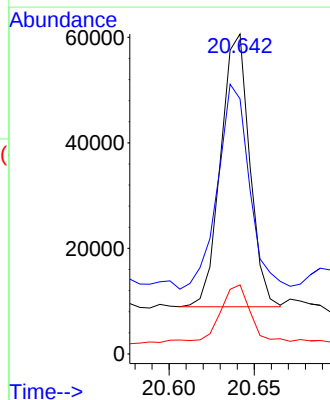
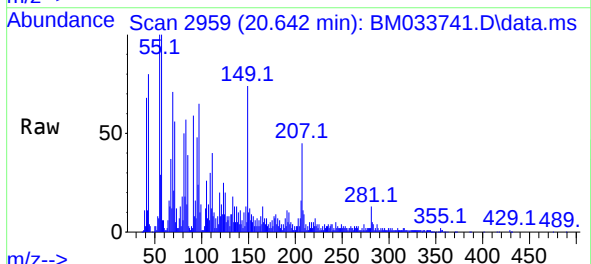
Instrument :
 BNA_M
 ClientSampleId :
 WASTE-CLASS-BOILER-PIT

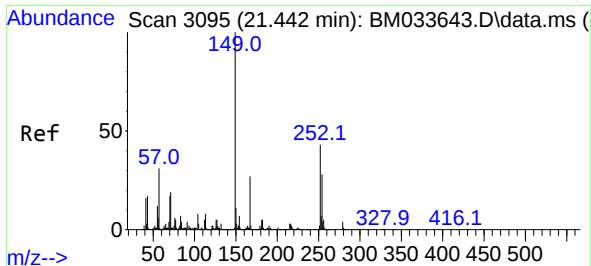
Tgt Ion:244 Resp: 2395981
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 10.1 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 3.126 ng
 RT: 20.642 min Scan# 2959
 Delta R.T. -0.006 min
 Lab File: BM033741.D
 Acq: 14 Jan 2022 22:58

Tgt Ion:149 Resp: 61090
 Ion Ratio Lower Upper
 149 100
 91 79.7 63.4 95.0
 206 21.6 16.8 25.2

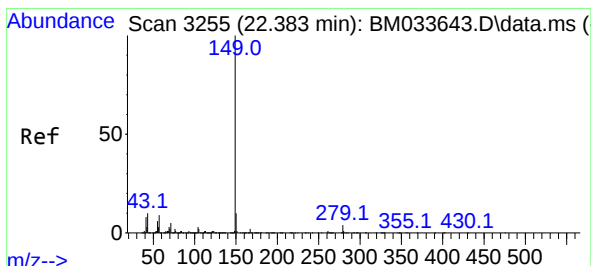
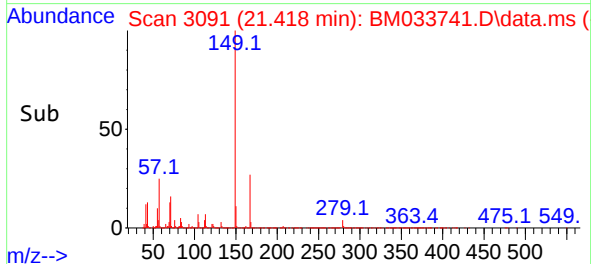
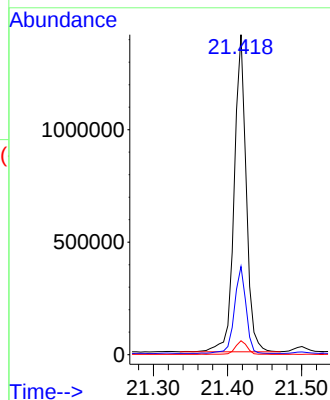
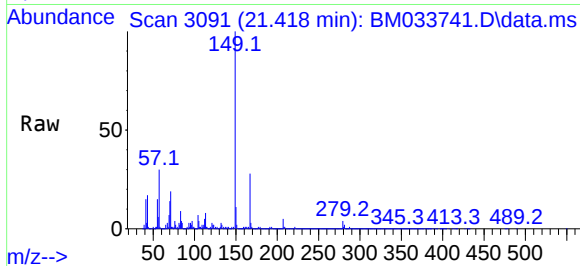




#84
Bis(2-ethylhexyl)phthalate
Concen: 53.143 ng
RT: 21.418 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM033741.D
Acq: 14 Jan 2022 22:58

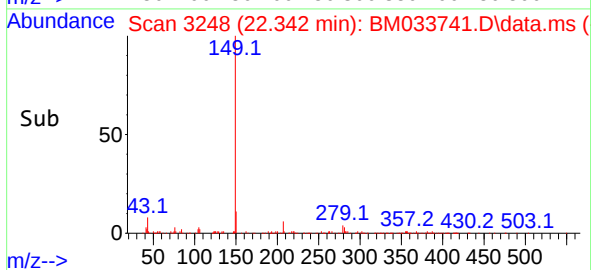
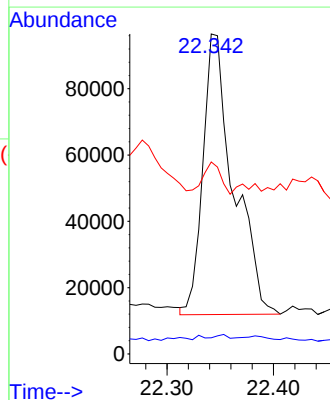
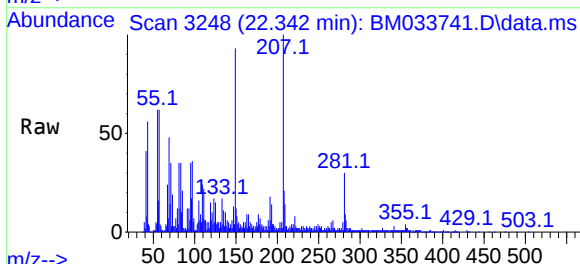
Instrument :
BNA_M
ClientSampleId :
WASTE-CLASS-BOILER-PIT

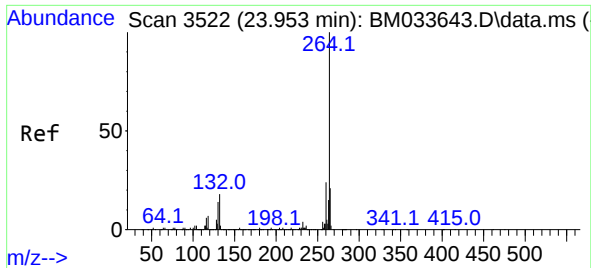
Tgt Ion:149 Resp: 1581912
Ion Ratio Lower Upper
149 100
167 27.6 21.4 32.0
279 4.4 3.0 4.6



#85
Di-n-octyl phthalate
Concen: 3.507 ng
RT: 22.342 min Scan# 3248
Delta R.T. -0.012 min
Lab File: BM033741.D
Acq: 14 Jan 2022 22:58

Tgt Ion:149 Resp: 169740
Ion Ratio Lower Upper
149 100
167 0.7 1.3 1.9#
43 6.3 10.4 15.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.918 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BM033741.D
 Acq: 14 Jan 2022 22:58

Instrument :
 BNA_M
 ClientSampleId :
 WASTE-CLASS-BOILER-PIT

Tgt Ion:264 Resp: 689185
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.7 26.5
 265 22.8 17.7 26.5

