

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
 Data File : BM033728.D
 Acq On : 14 Jan 2022 15:13
 Operator : CG/JU
 Sample : N1143-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WEST-BOILER-ROOM-NORTH-SIDEWALL

Quant Time: Jan 17 00:24:49 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)

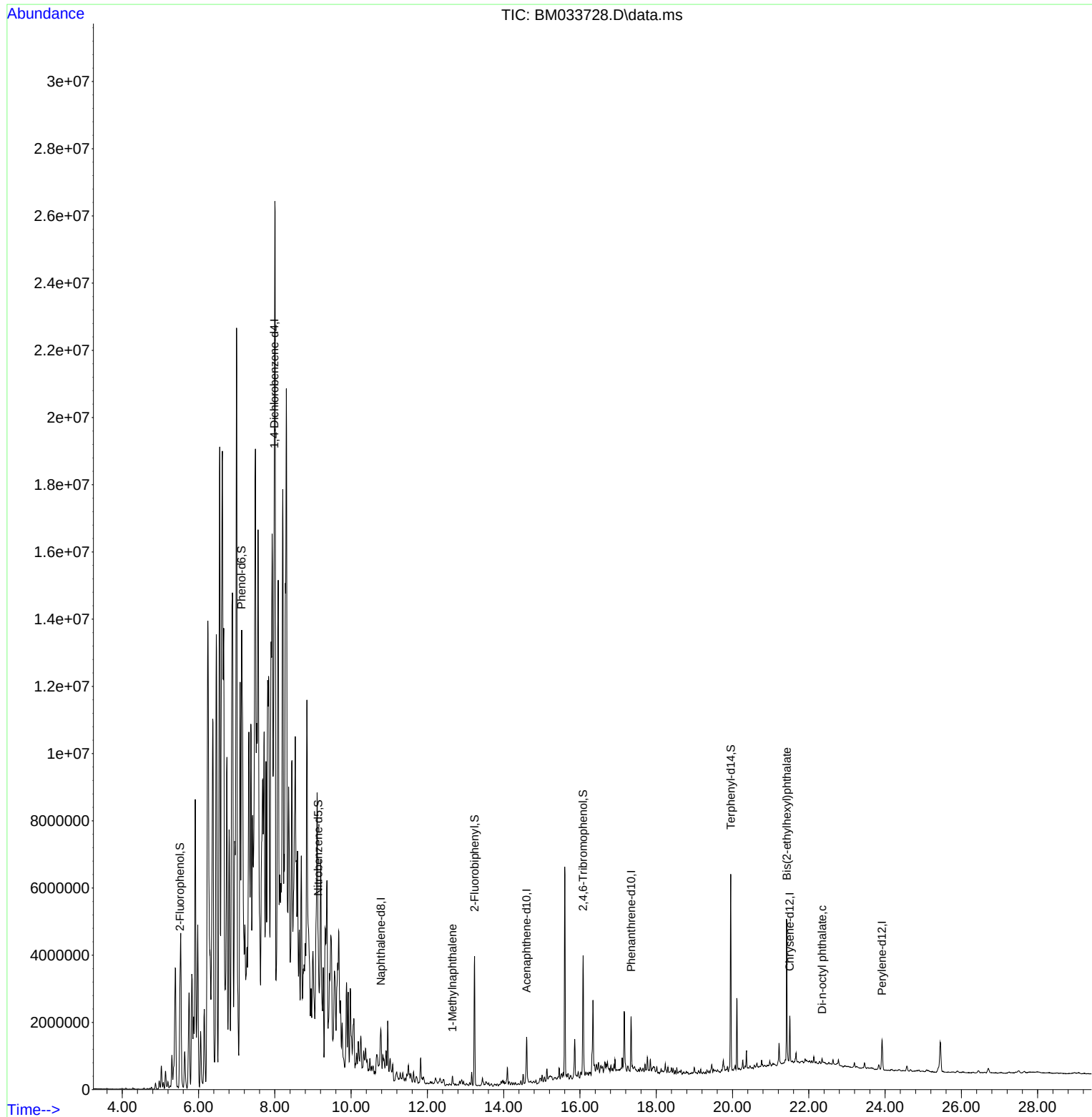
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	143012	20.000	ng	0.01
21) Naphthalene-d8	10.784	136	611188	20.000	ng	0.00
39) Acenaphthene-d10	14.601	164	434747	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	913608	20.000	ng	0.00
76) Chrysene-d12	21.500	240	607953	20.000	ng	0.00
86) Perylene-d12	23.918	264	660005	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	847643	93.478	ng	0.00
7) Phenol-d6	7.125	99	1021018	83.544	ng	0.00
23) Nitrobenzene-d5	9.137	82	949861	71.773	ng	0.00
42) 2,4,6-Tribromophenol	16.083	330	611297	134.623	ng	0.00
45) 2-Fluorobiphenyl	13.236	172	1886217	56.827	ng	0.00
79) Terphenyl-d14	19.953	244	2532864	74.992	ng	0.00
Target Compounds						Qvalue
38) 1-Methylnaphthalene	12.660	142	103069	4.685	ng	100
84) Bis(2-ethylhexyl)phtha...	21.424	149	1627361	55.880	ng	# 98
85) Di-n-octyl phthalate	22.347	149	129663	2.738	ng	# 84

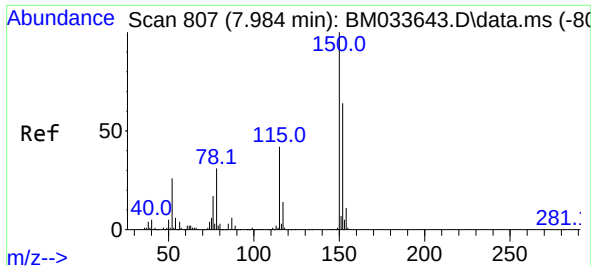
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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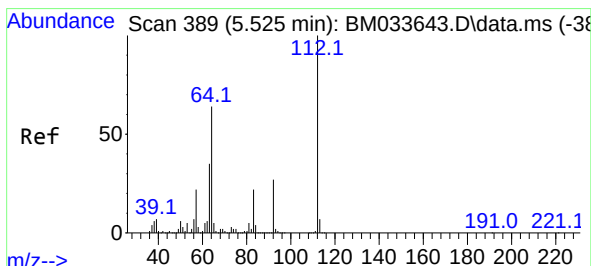
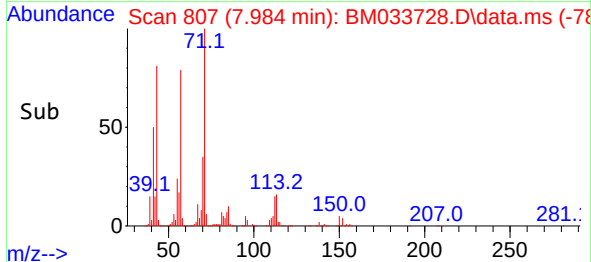
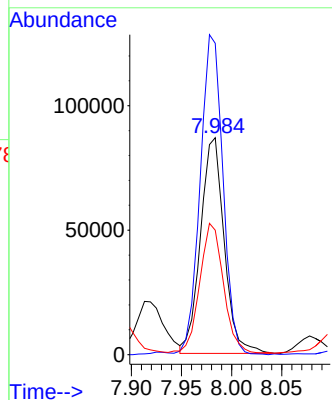
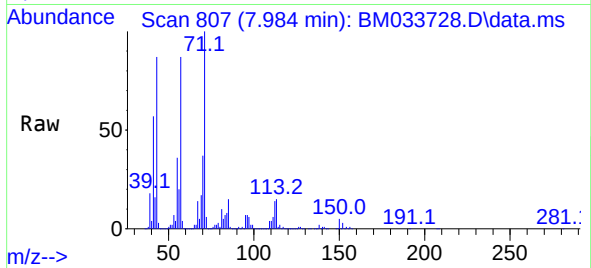




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.984 min Scan# 807
Delta R.T. 0.012 min
Lab File: BM033728.D
Acq: 14 Jan 2022 15:13

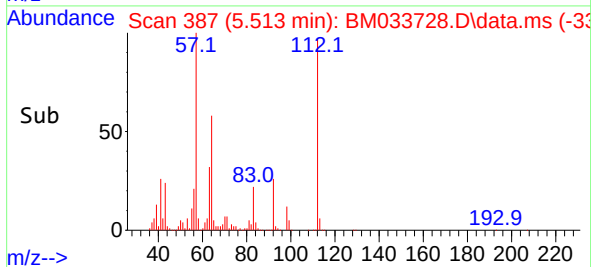
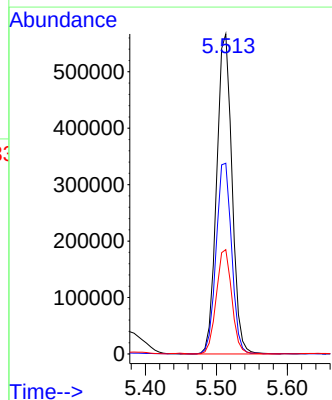
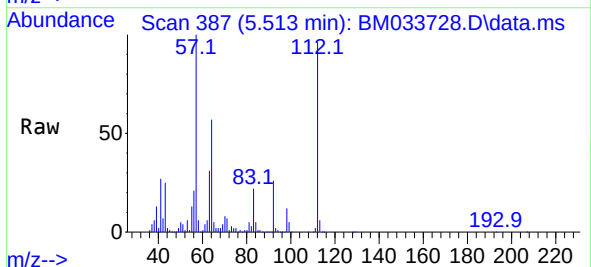
Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-NORTH-SIDEWALL

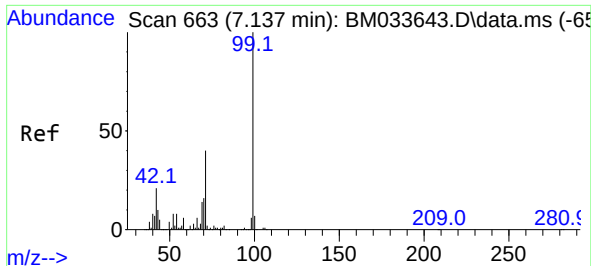
Tgt Ion:152 Resp: 143012
Ion Ratio Lower Upper
152 100
150 143.5 128.9 193.3
115 57.4 53.0 79.6



#5
2-Fluorophenol
Concen: 93.478 ng
RT: 5.513 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM033728.D
Acq: 14 Jan 2022 15:13

Tgt Ion:112 Resp: 847643
Ion Ratio Lower Upper
112 100
64 59.6 55.5 83.3
63 32.6 31.3 46.9

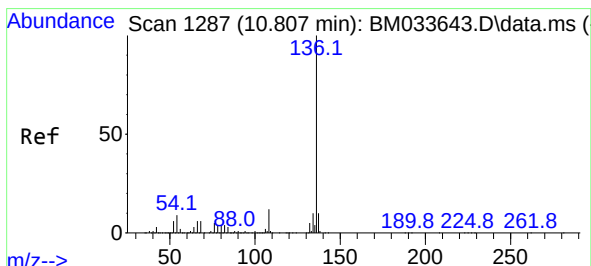
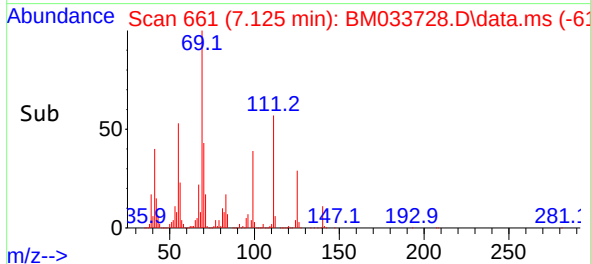
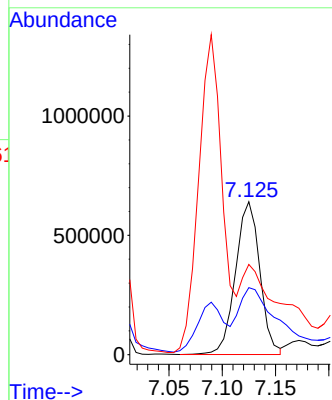
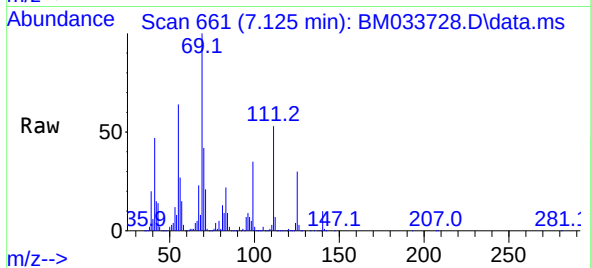




#7
Phenol-d6
Concen: 83.544 ng
RT: 7.125 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM033728.D
Acq: 14 Jan 2022 15:13

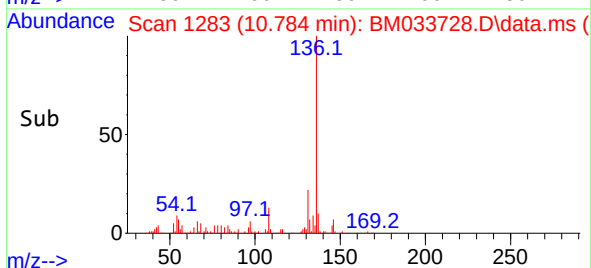
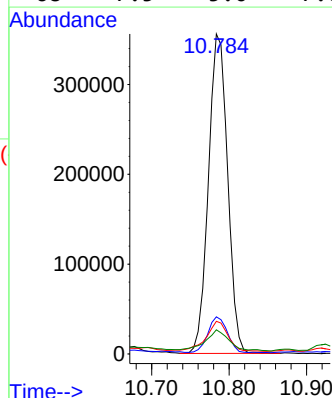
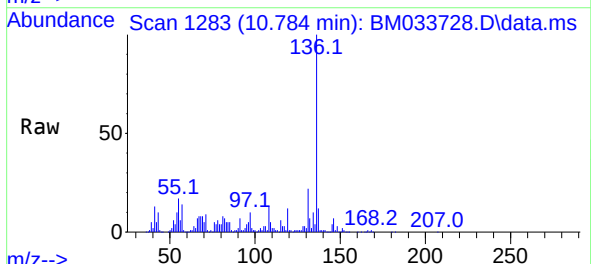
Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-NORTH-SIDEWALL

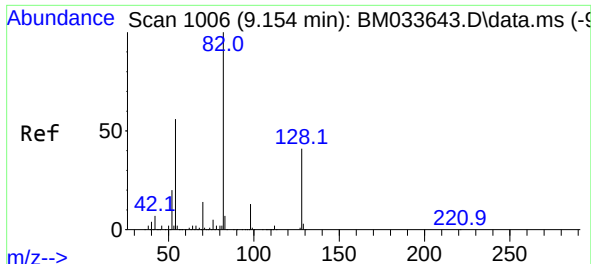
Tgt Ion: 99 Resp: 1021018
Ion Ratio Lower Upper
99 100
42 43.8 20.3 30.5#
71 59.0 34.5 51.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.784 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM033728.D
Acq: 14 Jan 2022 15:13

Tgt Ion: 136 Resp: 611188
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 10.2 8.3 12.5
68 7.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 71.773 ng

RT: 9.137 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BM033728.D

Acq: 14 Jan 2022 15:13

Instrument :

BNA_M

ClientSampleId :

WEST-BOILER-ROOM-NORTH-SIDEWALL

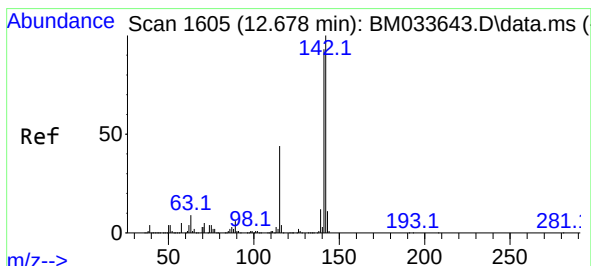
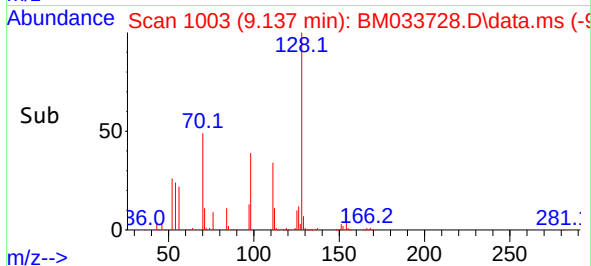
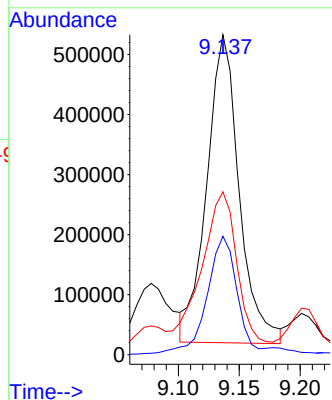
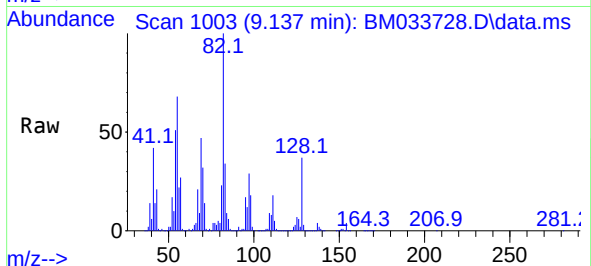
Tgt Ion: 82 Resp: 949861

Ion Ratio Lower Upper

82 100

128 37.0 28.1 42.1

54 50.9 46.1 69.1



#38

1-Methylnaphthalene

Concen: 4.685 ng

RT: 12.660 min Scan# 1602

Delta R.T. -0.006 min

Lab File: BM033728.D

Acq: 14 Jan 2022 15:13

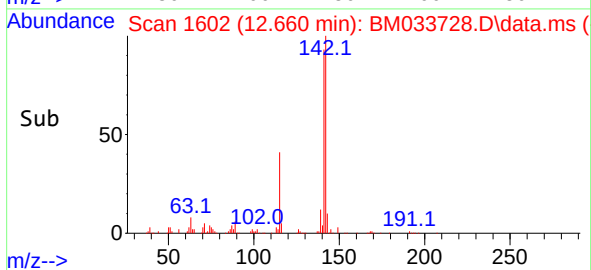
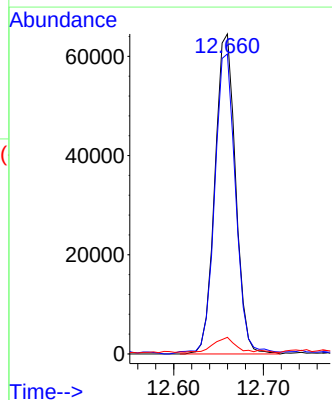
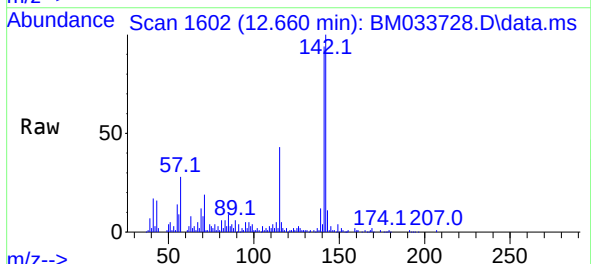
Tgt Ion: 142 Resp: 103069

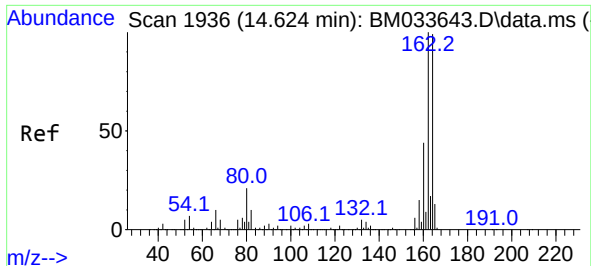
Ion Ratio Lower Upper

142 100

141 93.7 75.0 112.4

116 5.2 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.601 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BM033728.D

Acq: 14 Jan 2022 15:13

Instrument :

BNA_M

ClientSampleId :

WEST-BOILER-ROOM-NORTH-SIDEWALL

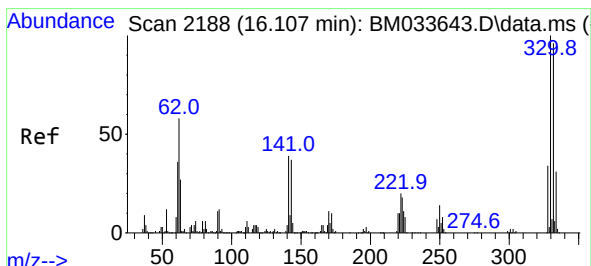
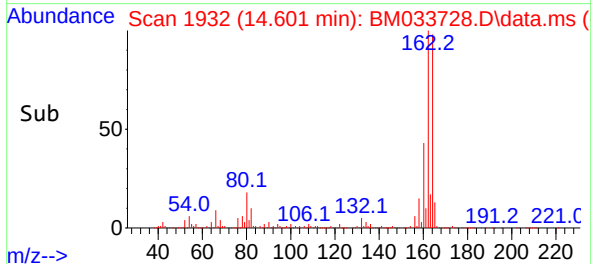
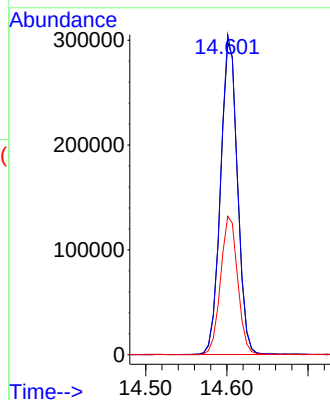
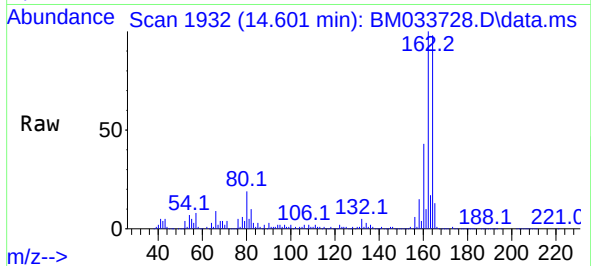
Tgt Ion:164 Resp: 434747

Ion Ratio Lower Upper

164 100

162 102.4 79.7 119.5

160 44.3 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 134.623 ng

RT: 16.083 min Scan# 2184

Delta R.T. -0.006 min

Lab File: BM033728.D

Acq: 14 Jan 2022 15:13

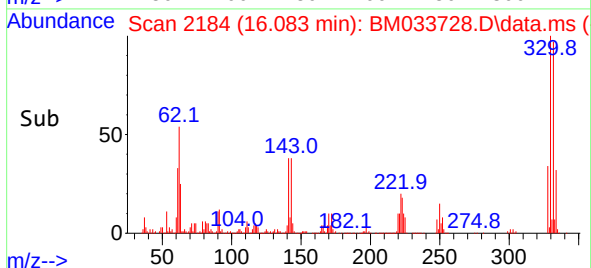
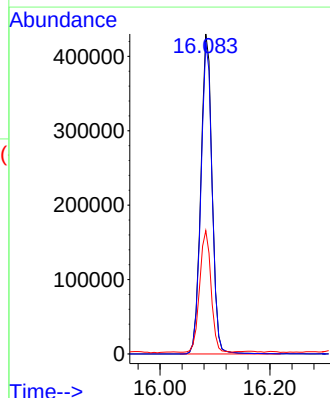
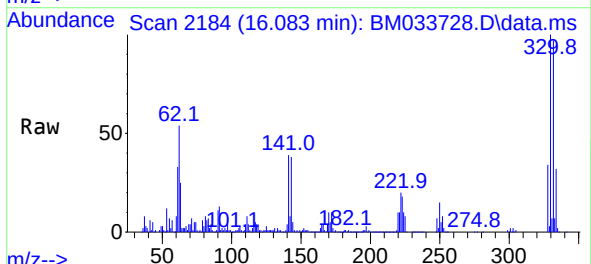
Tgt Ion:330 Resp: 611297

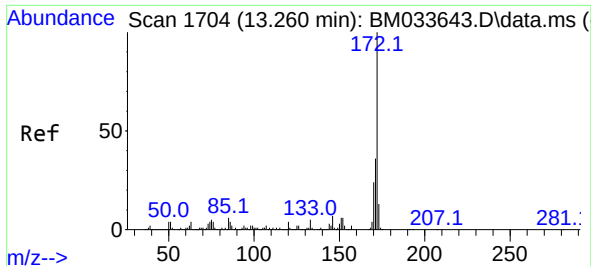
Ion Ratio Lower Upper

330 100

332 97.0 76.5 114.7

141 38.4 35.9 53.9

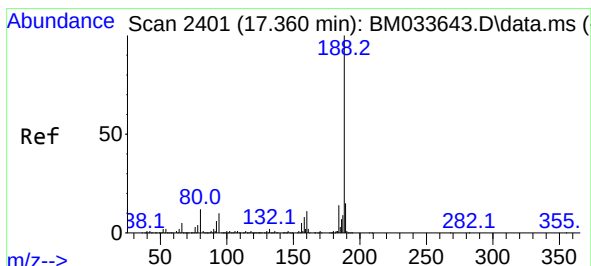
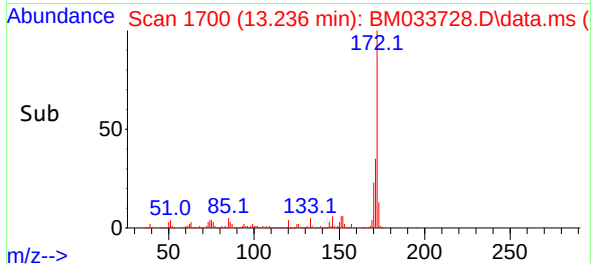
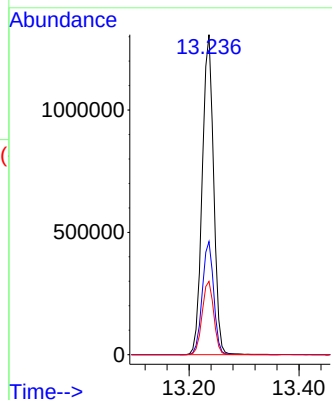
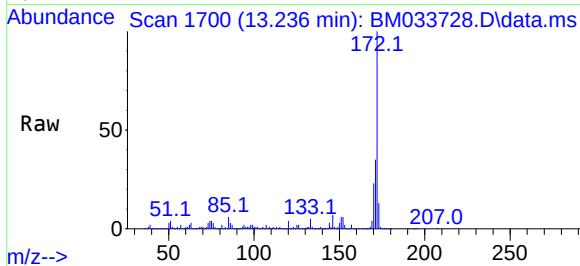




#45
2-Fluorobiphenyl
Concen: 56.827 ng
RT: 13.236 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033728.D
Acq: 14 Jan 2022 15:13

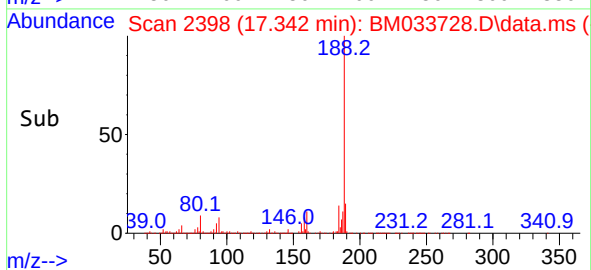
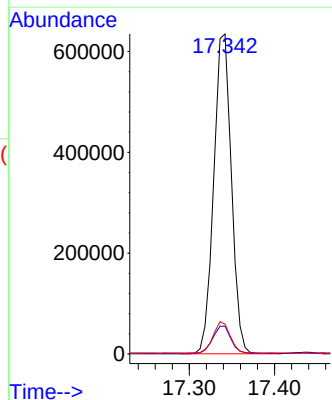
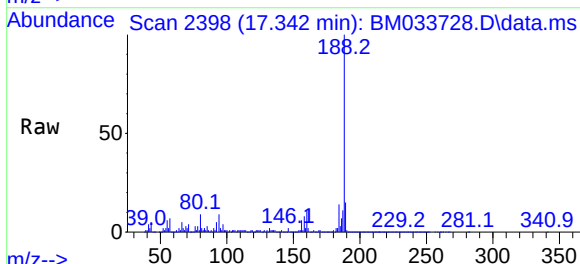
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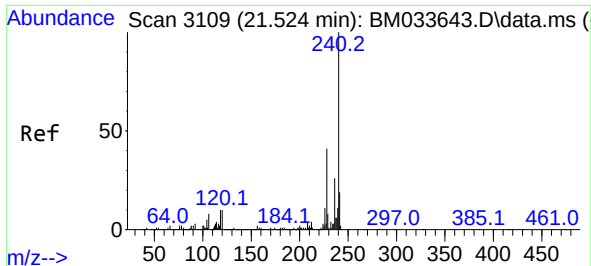
Tgt Ion:172 Resp: 1886217
Ion Ratio Lower Upper
172 100
171 35.4 27.2 40.8
170 22.9 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BM033728.D
Acq: 14 Jan 2022 15:13

Tgt Ion:188 Resp: 913608
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 9.3 8.9 13.3

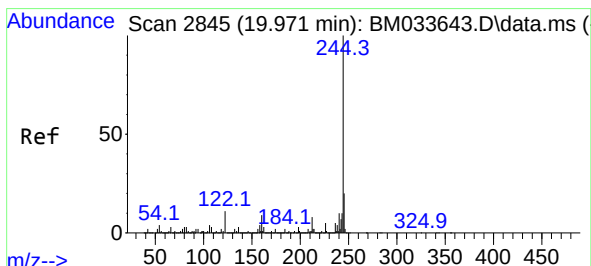
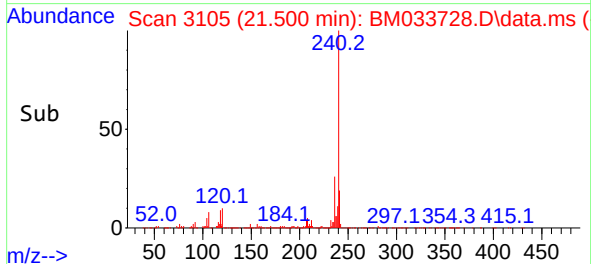
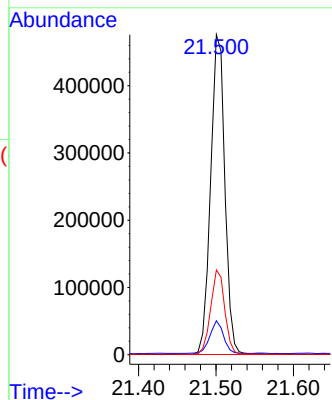
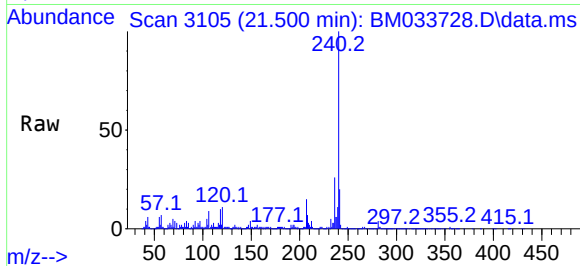




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM033728.D
Acq: 14 Jan 2022 15:13

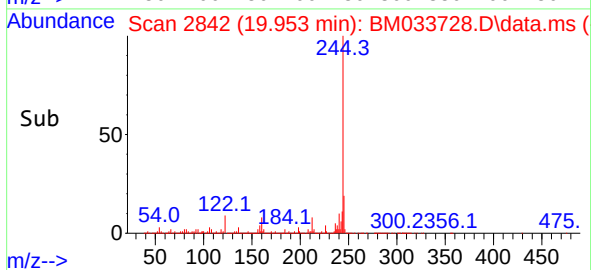
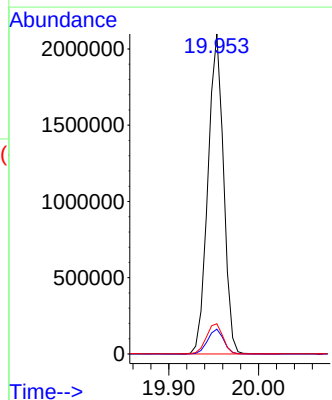
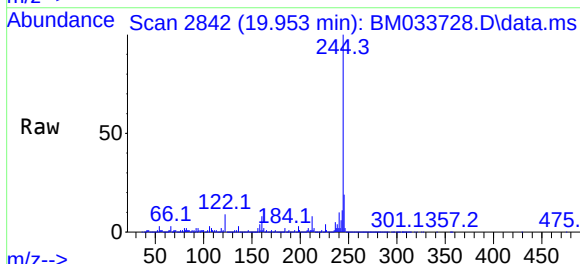
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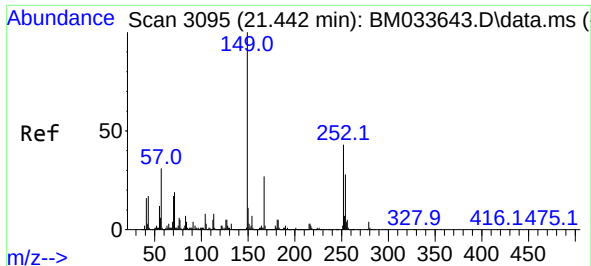
Tgt Ion:240 Resp: 607953
Ion Ratio Lower Upper
240 100
120 10.6 7.8 11.6
236 26.5 20.3 30.5



#79
Terphenyl-d14
Concen: 74.992 ng
RT: 19.953 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BM033728.D
Acq: 14 Jan 2022 15:13

Tgt Ion:244 Resp: 2532864
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 9.5 8.4 12.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 55.880 ng
RT: 21.424 min Scan# 3095
Delta R.T. 0.000 min
Lab File: BM033728.D
Acq: 14 Jan 2022 15:13

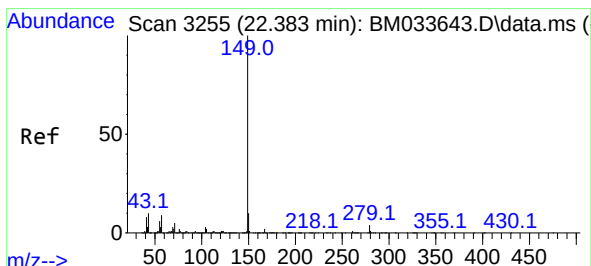
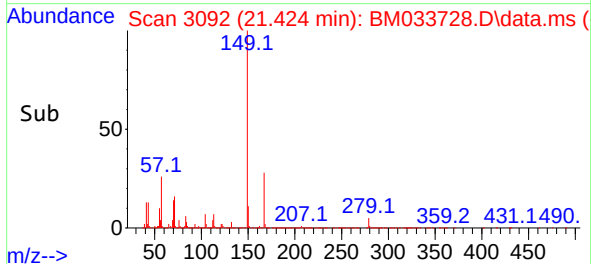
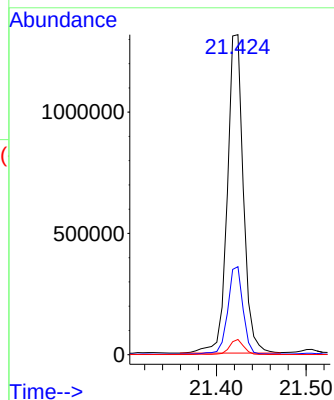
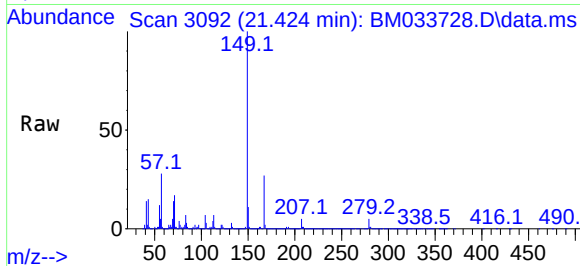
Instrument :

BNA_M

ClientSampleId :

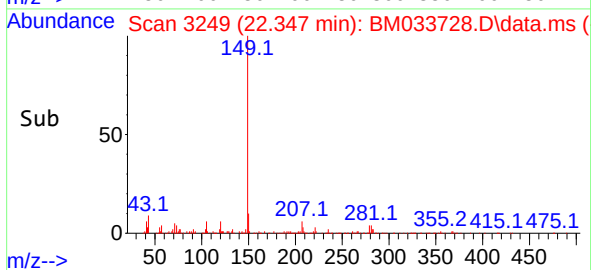
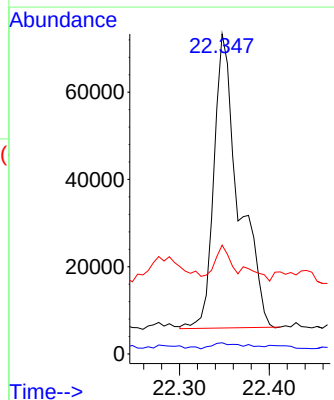
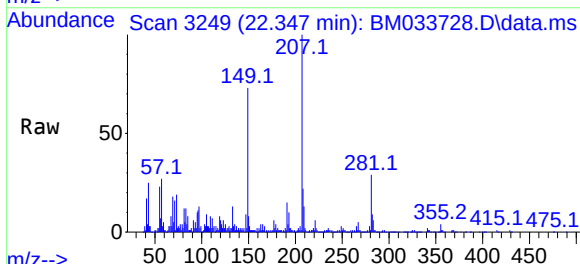
WEST-BOILER-ROOM-NORTH-SIDEWALL

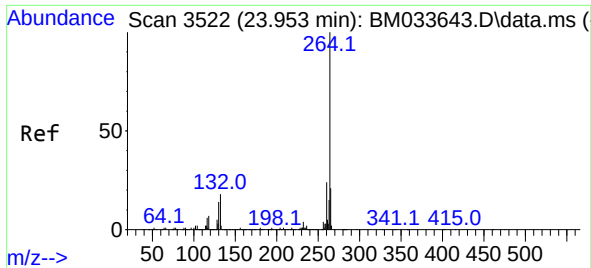
Tgt Ion:149 Resp: 1627361
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.0
279 4.8 3.0 4.6#



#85
Di-n-octyl phthalate
Concen: 2.738 ng
RT: 22.347 min Scan# 3249
Delta R.T. -0.006 min
Lab File: BM033728.D
Acq: 14 Jan 2022 15:13

Tgt Ion:149 Resp: 129663
Ion Ratio Lower Upper
149 100
167 2.6 1.3 1.9#
43 5.8 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: BM033728.D
 Acq: 14 Jan 2022 15:13

Instrument :
 BNA_M
 ClientSampleId :
 WEST-BOILER-ROOM-NORTH-SIDEWALL

Tgt Ion:264 Resp: 660005
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.7 26.5
 265 21.7 17.7 26.5

