

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)

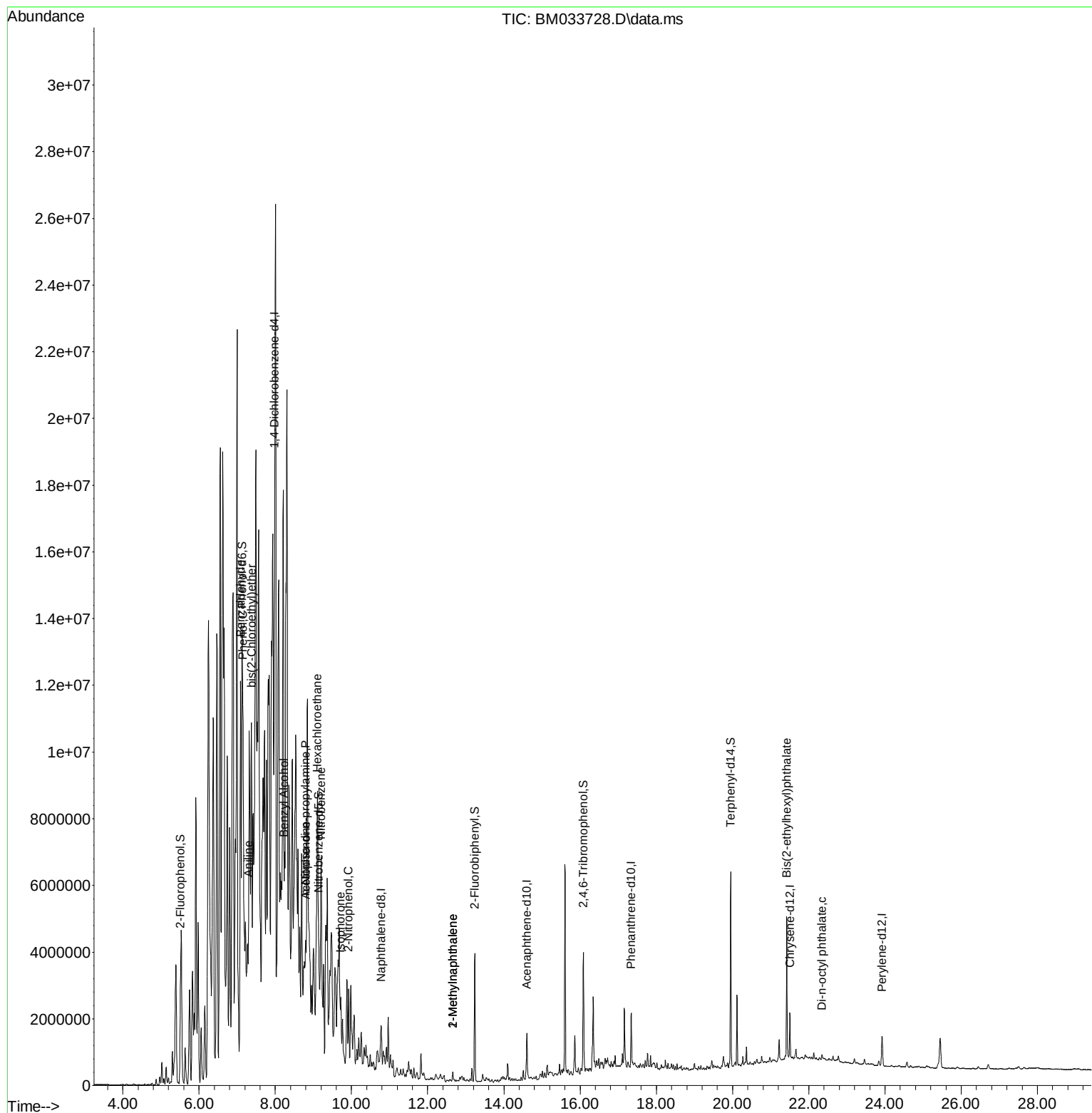
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	143012	20.000	ng	0.01
21) Naphthalene-d8	10.784	136	611188	20.000	ng	0.00
39) Acenaphthene-d10	14.601	164	434747	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	913608	20.000	ng	0.00
76) Chrysene-d12	21.500	240	607953	20.000	ng	0.00
86) Perylene-d12	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
6) Aniline	7.295	93	48084	3.473	ng	# 1
9) Benzaldehyde	7.090	77	53163	3.802	ng	# 9
10) Phenol	7.148	94	45311	3.688	ng	# 1
11) bis(2-Chloroethyl)ether	7.378	93	50023	5.161	ng	# 1
15) Benzyl Alcohol	8.231	79	53388	5.351	ng	# 70
18) Hexachloroethane	9.101	117	290440	67.629	ng	# 1
19) n-Nitroso-di-n-propyla...	8.795	70	100572	12.595	ng	# 85
22) Acetophenone	8.801	105	52515	3.204	ng	# 30
24) Nitrobenzene	9.195	77	105314	8.368	ng	# 59
25) Isophorone	9.719	82	195390	9.115	ng	# 1
26) 2-Nitrophenol	9.919	139	17099	3.225	ng	# 1
37) 2-Methylnaphthalene	12.660	142	103069	4.553	ng	96
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

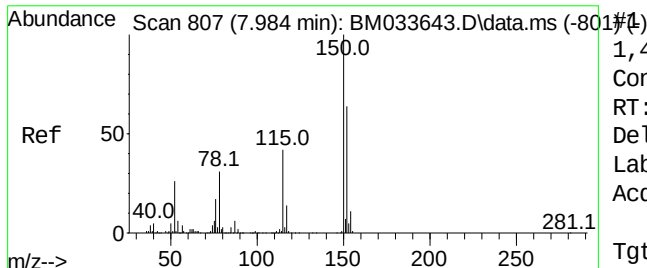
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-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

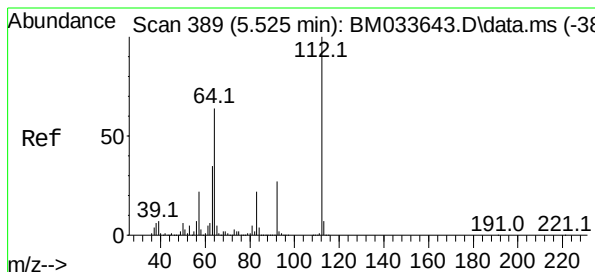
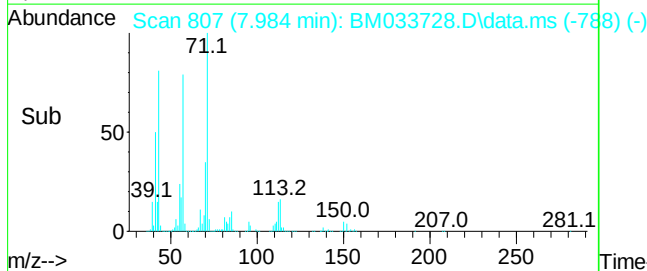
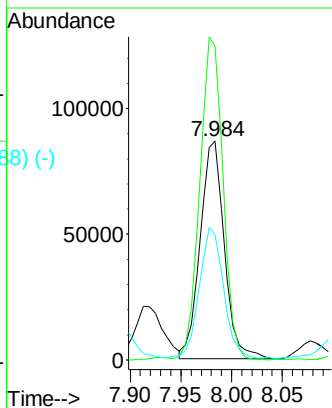
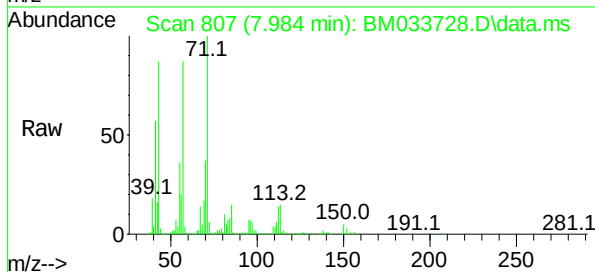
Tgt Ion:152 Resp: 143012

Ion Ratio Lower Upper

152 100

150 143.5 128.9 193.3

115 57.4 53.0 79.6



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

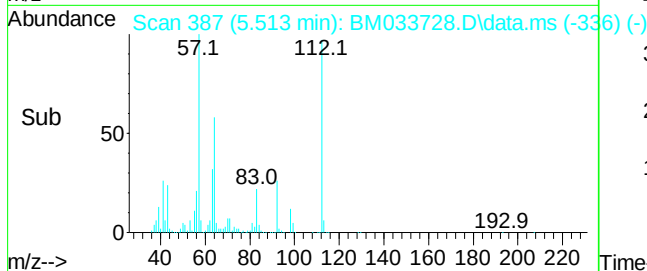
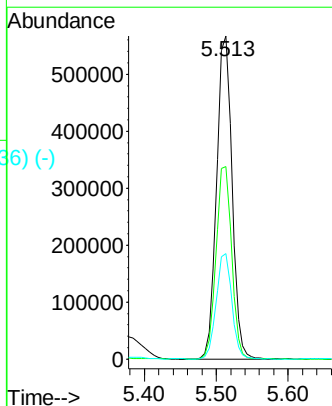
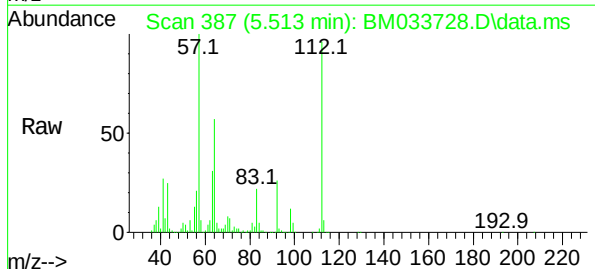
Tgt Ion:112 Resp: 847643

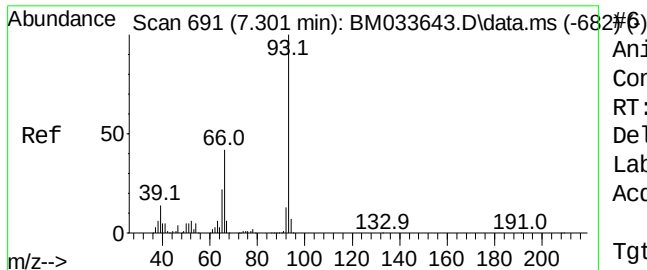
Ion Ratio Lower Upper

112 100

64 59.6 55.5 83.3

63 32.6 31.3 46.9





Aniline

Concen: 3.473 ng

RT: 7.295 min Scan#

Delta R.T. 0.006 min

Lab File: BM033728.D

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Instrument :

BNA_M

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WEST-BOILER-ROOM-NORTH-SIDEWALL

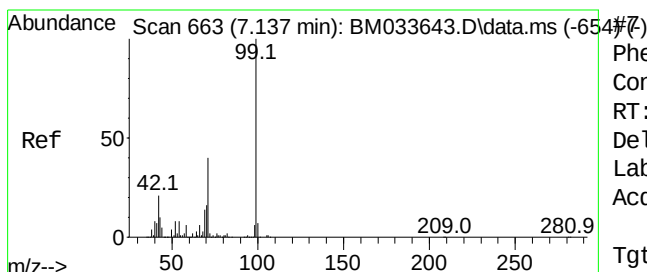
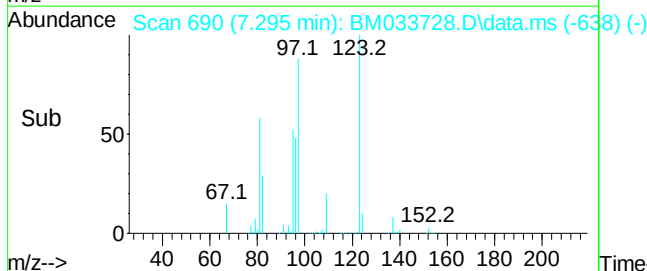
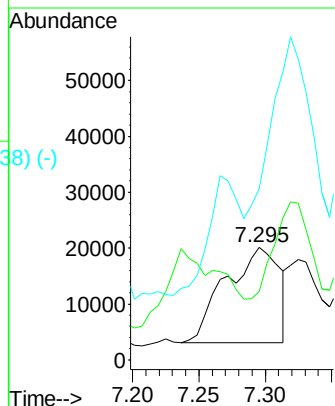
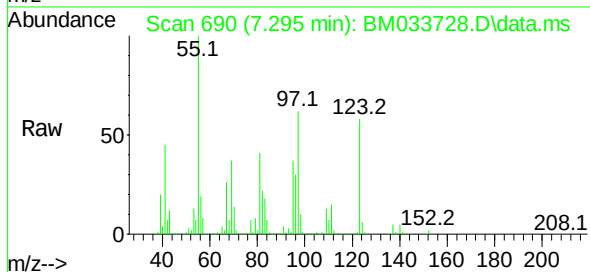
Tgt Ion: 93 Resp: 48084

Ion Ratio Lower Upper

93 100

66 60.5 36.0 54.0#

65 152.0 18.2 27.4#



Phenol-d6

Concen: 83.544 ng

RT: 7.125 min Scan# 661

Delta R.T. 0.000 min

Lab File: BM033728.D

Acq: 14 Jan 2022 15:13

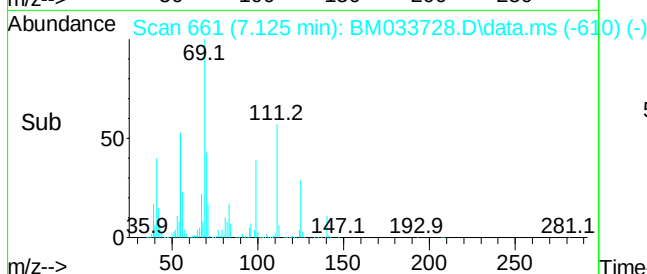
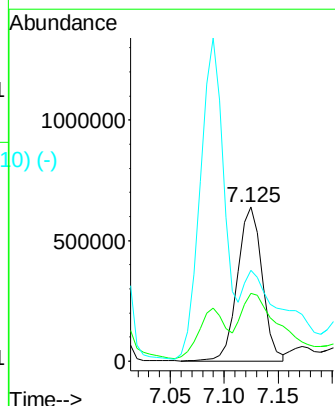
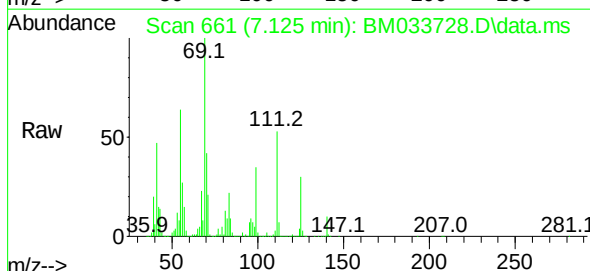
Tgt Ion: 99 Resp: 1021018

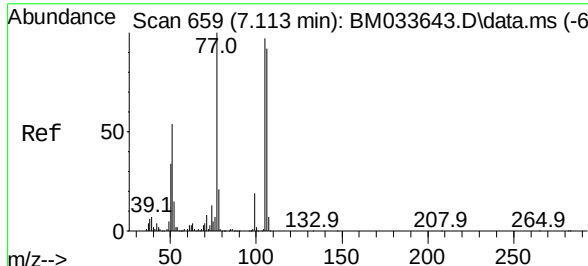
Ion Ratio Lower Upper

99 100

42 43.8 20.3 30.5#

71 59.0 34.5 51.7#





Benzaldehyde

Concen: 3.802 ng

RT: 7.090 min Scan# 655

Delta R.T. -0.006 min

Lab File: BM033728.D

Acq: 14 Jan 2022 15:13

Instrument :

BNA_M

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WEST-BOILER-ROOM-NORTH-SIDEWALL

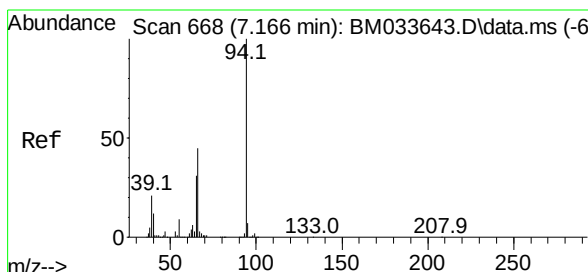
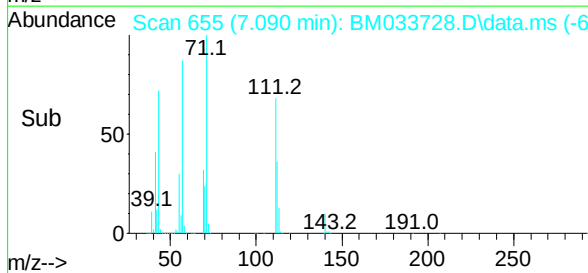
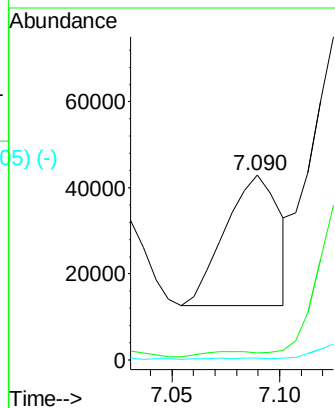
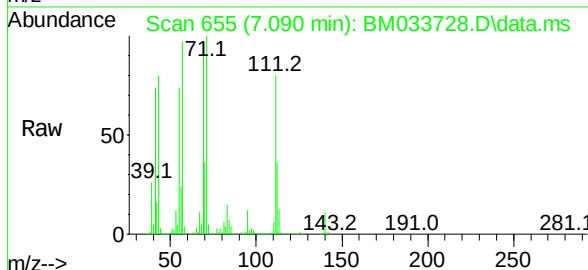
Tgt Ion: 77 Resp: 53163

Ion Ratio Lower Upper

77 100

105 3.8 67.1 107.1#

106 0.9 64.3 104.3#



Phenol

Concen: 3.688 ng

RT: 7.148 min Scan# 665

Delta R.T. -0.006 min

Lab File: BM033728.D

Acq: 14 Jan 2022 15:13

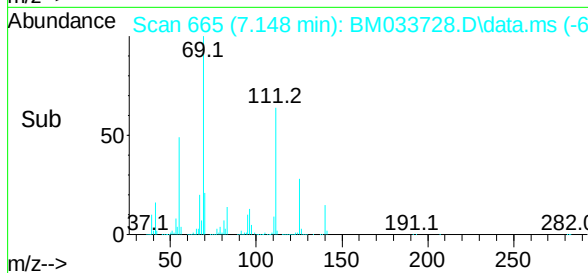
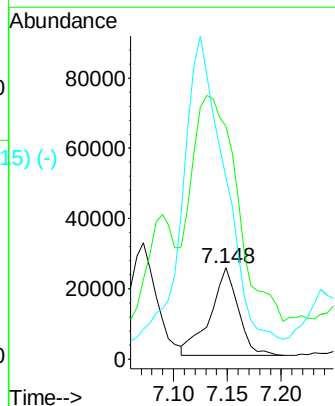
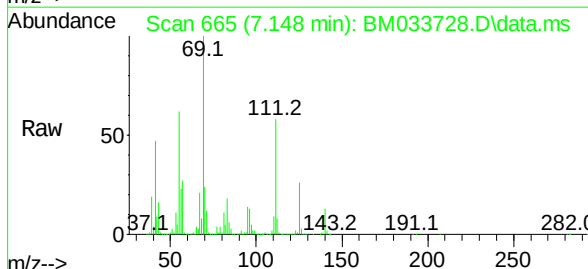
Tgt Ion: 94 Resp: 45311

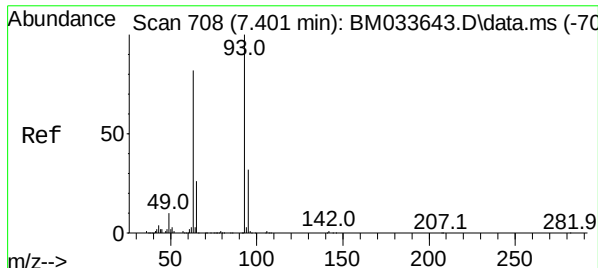
Ion Ratio Lower Upper

94 100

65 254.3 15.5 55.5#

66 198.3 28.5 68.5#

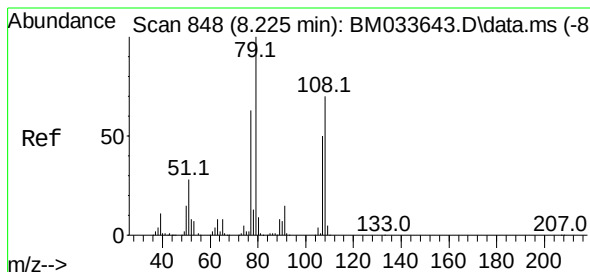
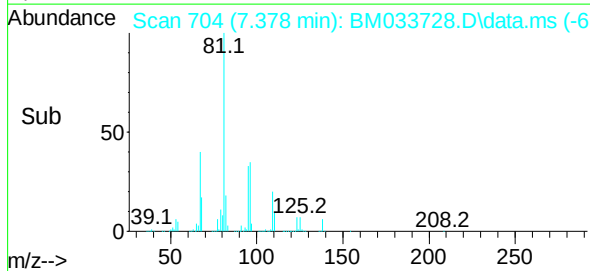
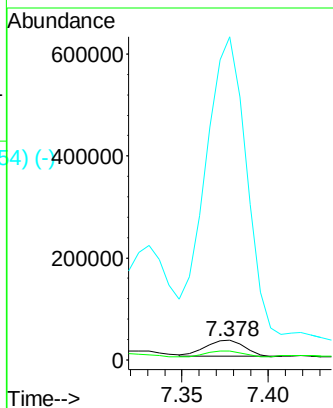
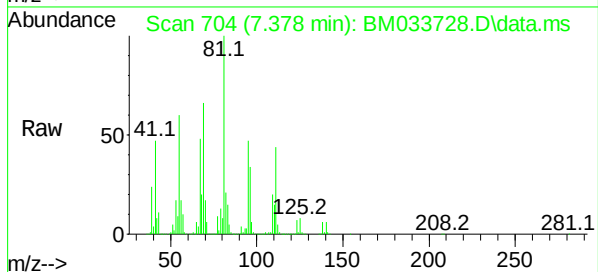




#11
bis(2-Chloroethyl)ether
Concen: 5.161 ng
RT: 7.378 min Scan#
Delta R.T. -0.006 min
Lab File: BM033728.D
Acq: 14 Jan 2022 15:13

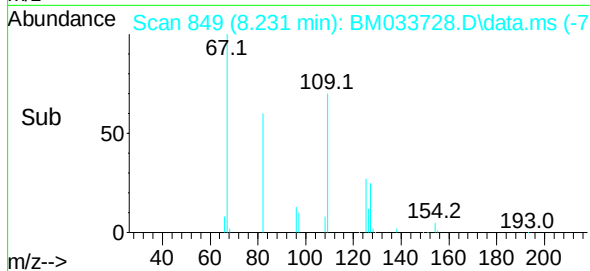
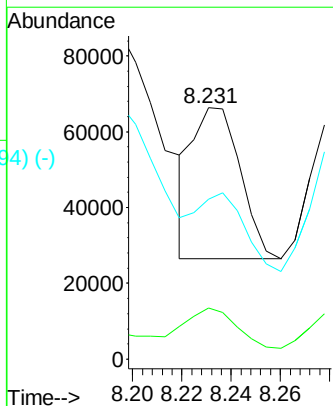
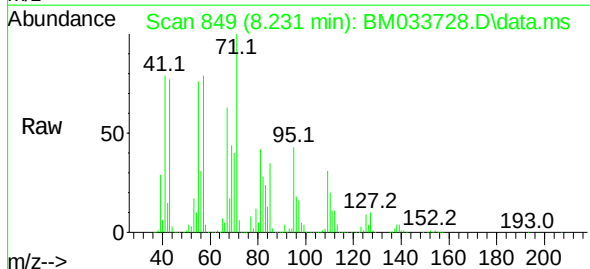
Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-NORTH-SIDEWALL

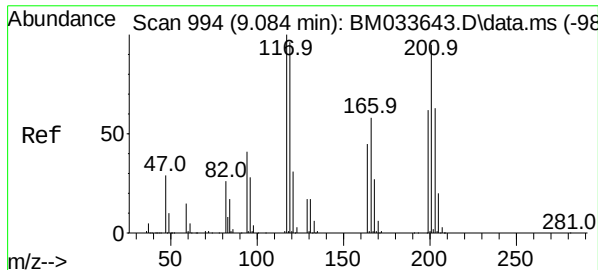
Tgt Ion: 93 Resp: 50023
Ion Ratio Lower Upper
93 100
63 46.7 67.0 107.0#
95 1648.8 11.6 51.6#



#15
Benzyl Alcohol
Concen: 5.351 ng
RT: 8.231 min Scan# 849
Delta R.T. 0.024 min
Lab File: BM033728.D
Acq: 14 Jan 2022 15:13

Tgt Ion: 79 Resp: 53388
Ion Ratio Lower Upper
79 100
108 20.3 51.1 76.7#
77 63.6 53.8 80.8

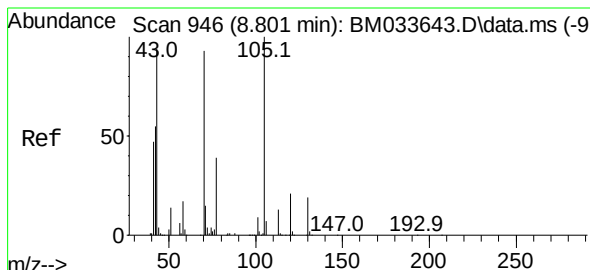
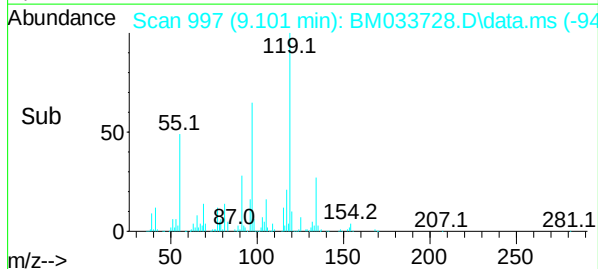
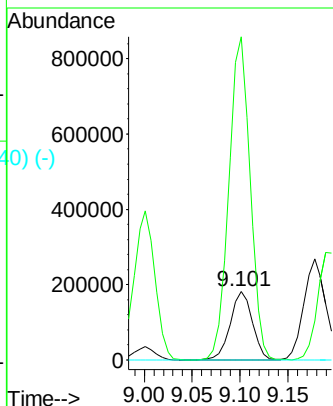
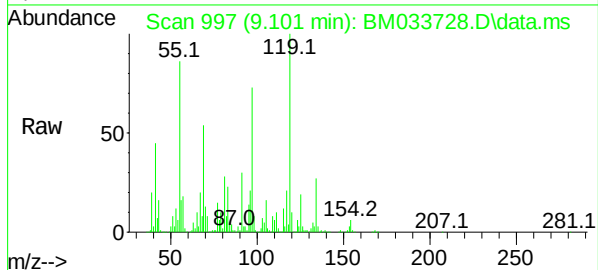




#18
Hexachloroethane
Concen: 67.629 ng
RT: 9.101 min Scan# 994
Delta R.T. 0.035 min
Lab File: BM033728.D
Acq: 14 Jan 2022 15:13

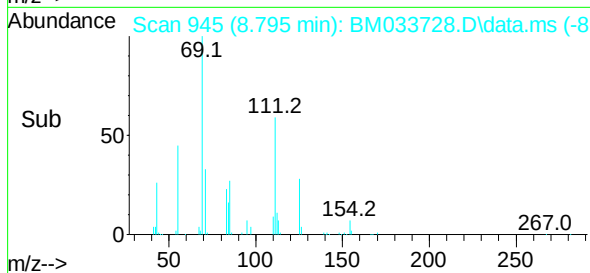
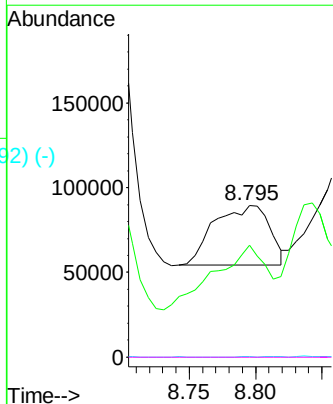
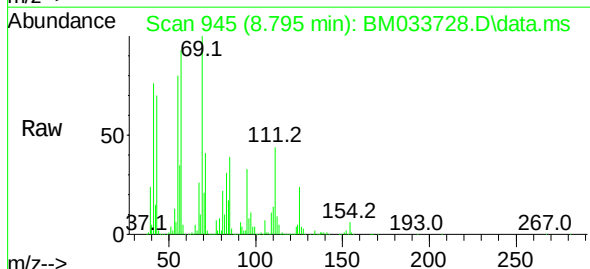
Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-NORTH-SIDEWALL

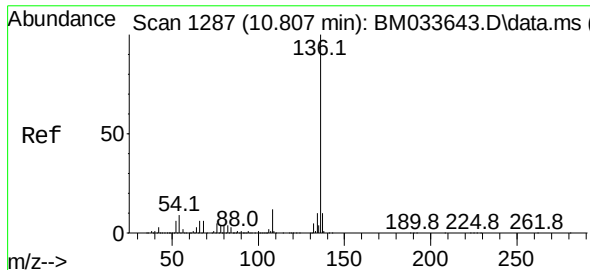
Tgt Ion: 117 Resp: 290440
Ion Ratio Lower Upper
117 100
119 470.2 75.0 112.6#
201 0.0 75.2 112.8#



#19
n-Nitroso-di-n-propylamine
Concen: 12.595 ng
RT: 8.795 min Scan# 945
Delta R.T. 0.012 min
Lab File: BM033728.D
Acq: 14 Jan 2022 15:13

Tgt Ion: 70 Resp: 100572
Ion Ratio Lower Upper
70 100
42 73.7 54.1 81.1
101 0.2 7.8 11.6#
130 0.0 13.9 20.9#

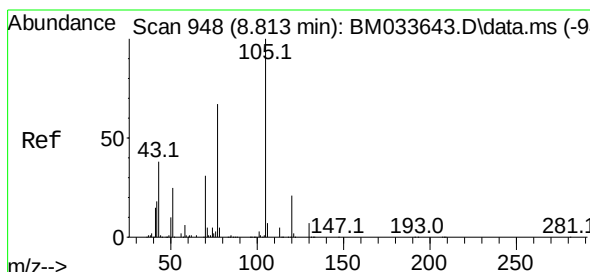
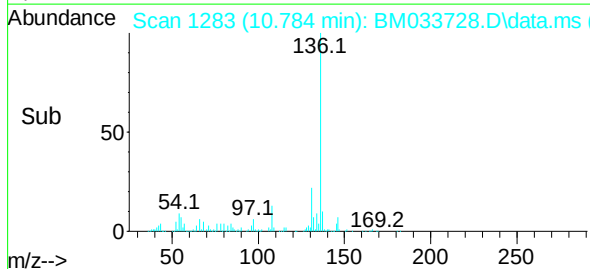
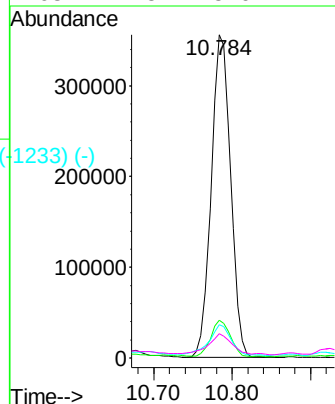
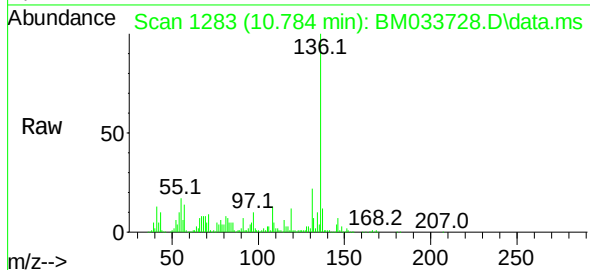




Naphthalene-d8
Concen: 20.000 ng
RT: 10.784 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM033728.D
Acq: 14 Jan 2022 15:13

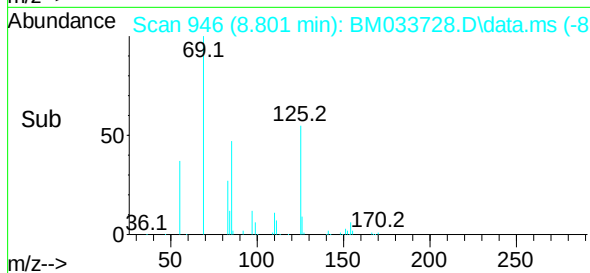
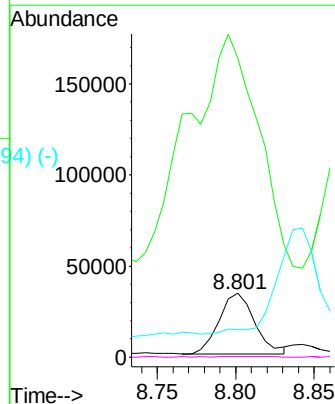
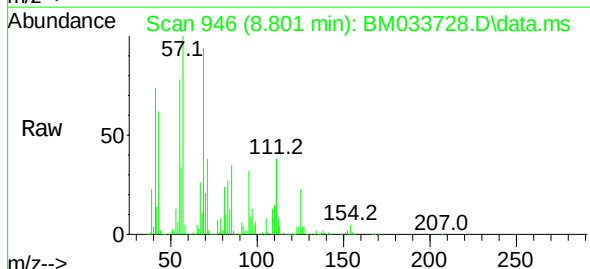
Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-NORTH-SIDEWALL

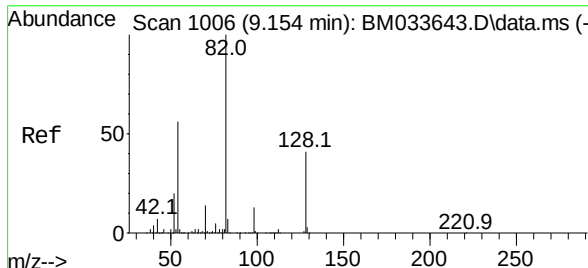
Tgt Ion:	136	Resp:	611188
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	10.2	8.3	12.5
68	7.5	5.0	7.6



Acetophenone
Concen: 3.204 ng
RT: 8.801 min Scan# 946
Delta R.T. 0.006 min
Lab File: BM033728.D
Acq: 14 Jan 2022 15:13

Tgt Ion:	105	Resp:	52515
Ion	Ratio	Lower	Upper
105	100		
71	467.7	1.6	2.4#
51	42.8	27.7	41.5#
120	1.0	16.2	24.2#





Nitrobenzene-d5

Concen: 71.773 ng

RT: 9.137 min Scan#

Delta R.T. 0.000 min

Lab File: BM033728.D

Acq: 14 Jan 2022 15:13

Instrument :

BNL_M

ClientSampleId :

WEST-BOILER-ROOM-NORTH-SIDEWALL

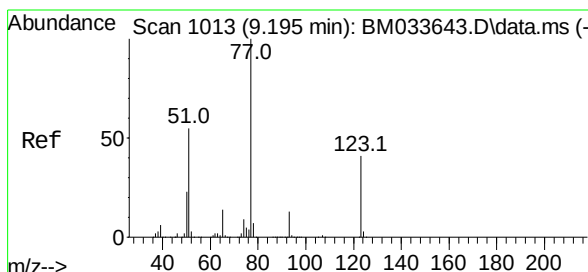
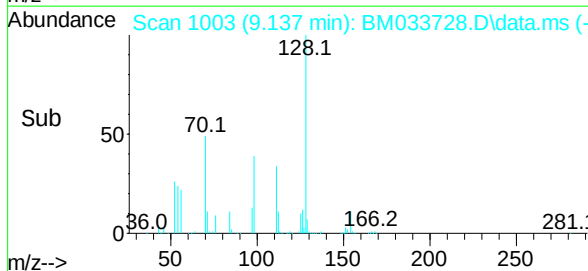
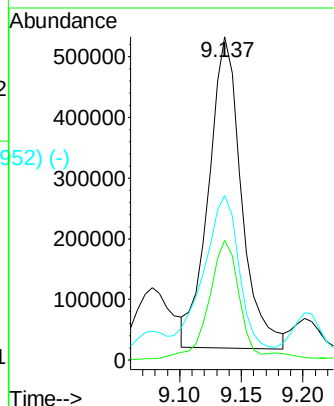
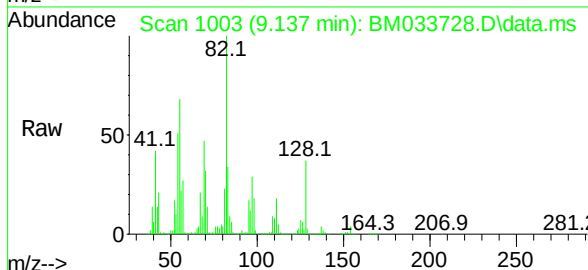
Tgt Ion: 82 Resp: 949861

Ion Ratio Lower Upper

82 100

128 37.0 28.1 42.1

54 50.9 46.1 69.1



Nitrobenzene

Concen: 8.368 ng

RT: 9.195 min Scan# 1013

Delta R.T. 0.018 min

Lab File: BM033728.D

Acq: 14 Jan 2022 15:13

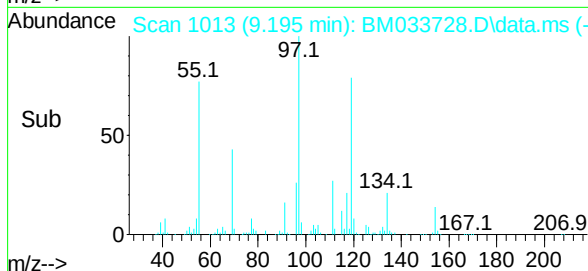
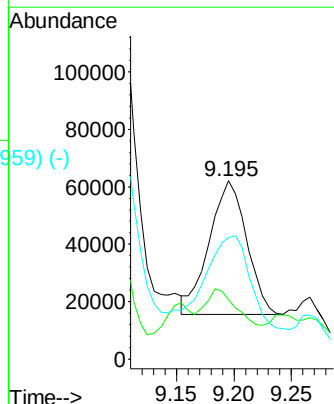
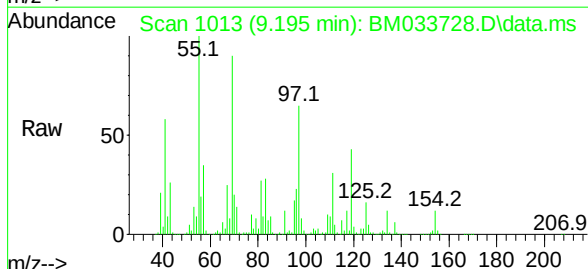
Tgt Ion: 77 Resp: 105314

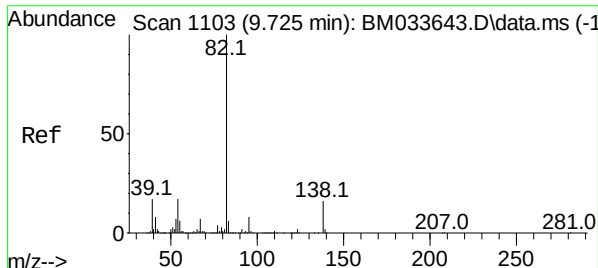
Ion Ratio Lower Upper

77 100

123 33.4 29.8 44.8

65 68.0 11.5 17.3#





Isophorone

Concen: 9.115 ng

RT: 9.719 min Scan# 1103

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

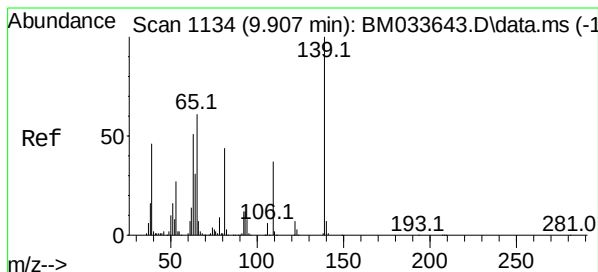
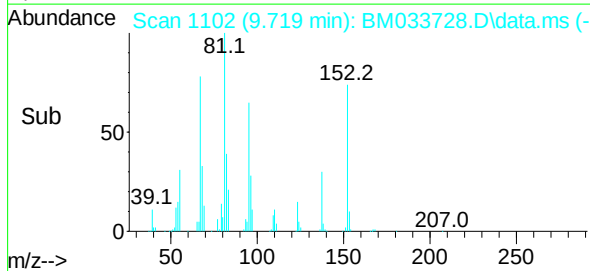
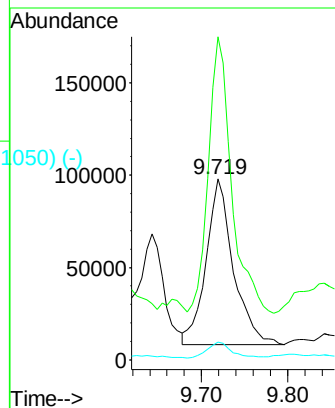
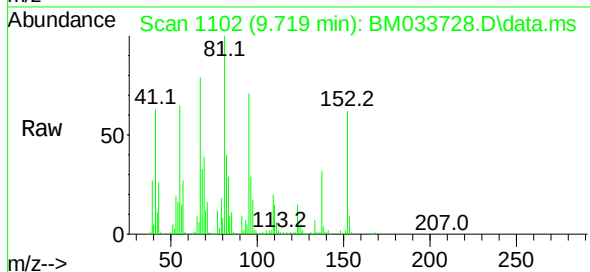
Tgt Ion: 82 Resp: 195390

Ion Ratio Lower Upper

82 100

95 178.6 6.4 9.6#

138 10.0 12.4 18.6#



2-Nitrophenol

Concen: 3.225 ng

RT: 9.919 min Scan# 1136

Delta R.T. 0.024 min

Lab File: BM033728.D

Acq: 14 Jan 2022 15:13

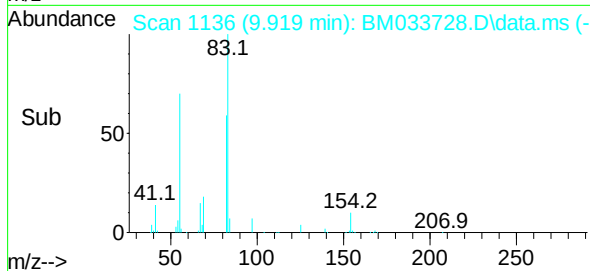
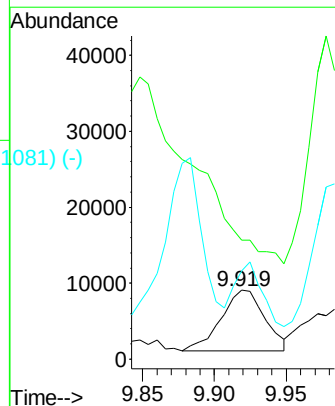
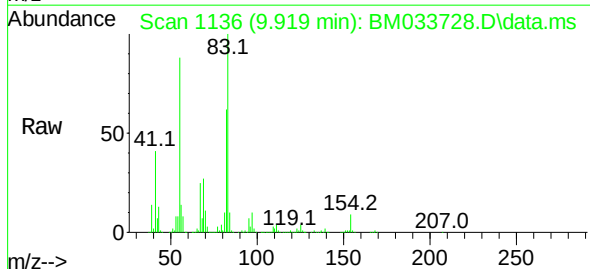
Tgt Ion: 139 Resp: 17099

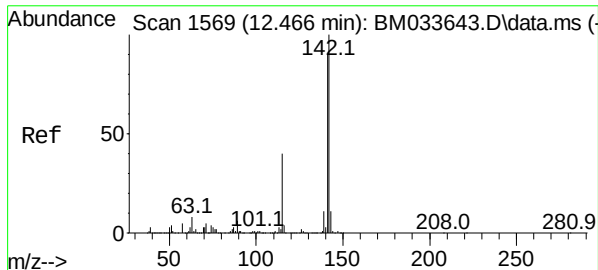
Ion Ratio Lower Upper

139 100

109 173.3 33.0 49.6#

65 128.4 57.2 85.8#

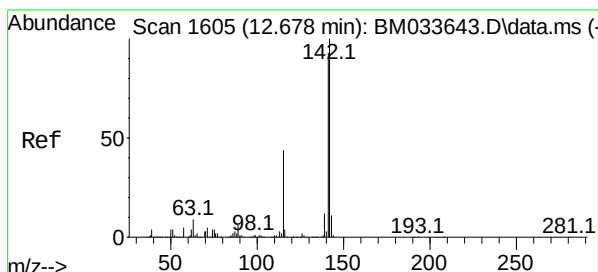
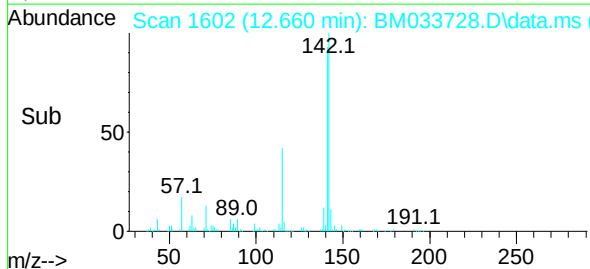
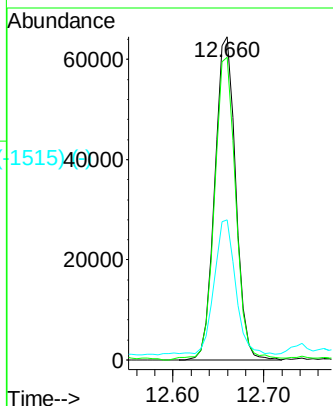
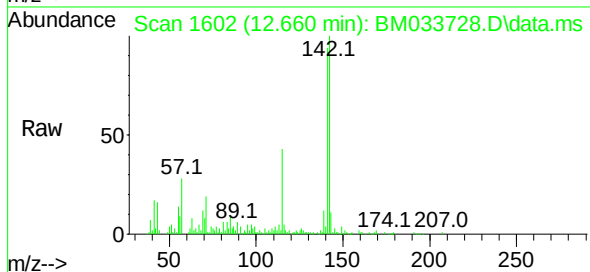




2-Methylnaphthalene
Concen: 4.553 ng
RT: 12.660 min Scan# 1569
Delta R.T. 0.212 min
Lab File: BM033728.D
Acq: 14 Jan 2022 15:13

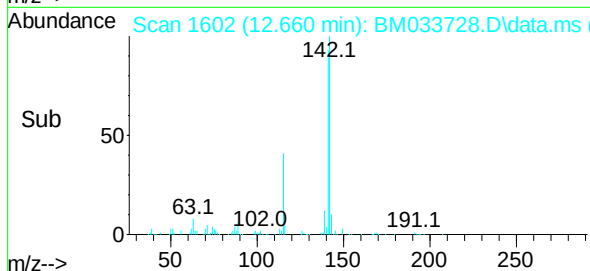
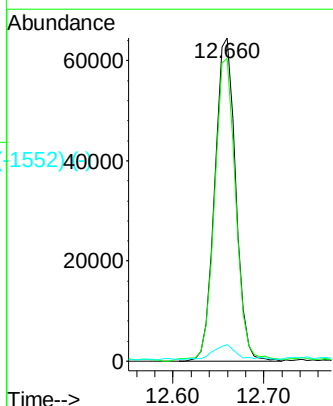
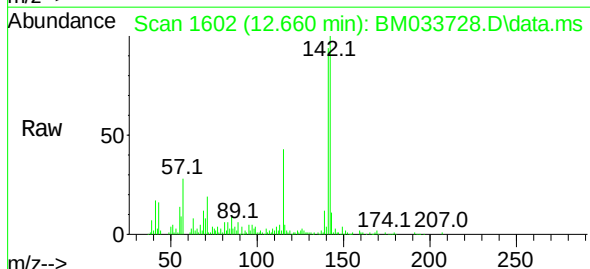
Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-NORTH-SIDEWALL

Tgt Ion:	142	Resp:	103069
Ion	Ratio	Lower	Upper
142	100		
141	93.7	72.2	108.2
115	43.3	33.0	49.6



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



Abundance Scan 1936 (14.624 min): BM033643.D\data.ms (-1539) (-)

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.601 min Scan#

Delta R.T. -0.006 min

Lab File: BM033728.D

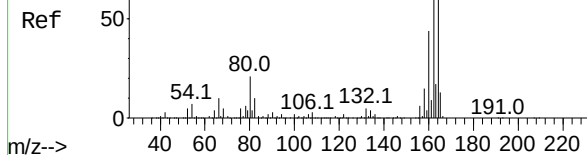
Acq: 14 Jan 2022 15:13

Instrument :

BNA_M

ClientSampleId :

WEST-BOILER-ROOM-NORTH-SIDEWALL



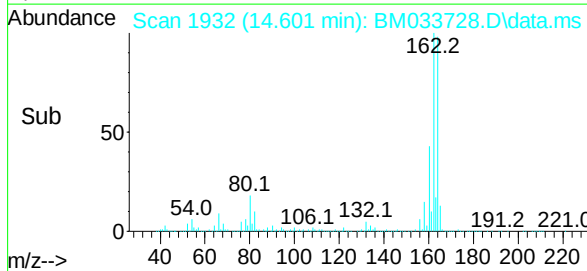
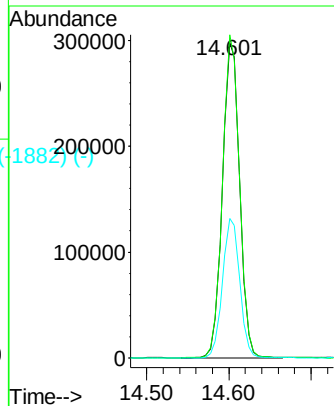
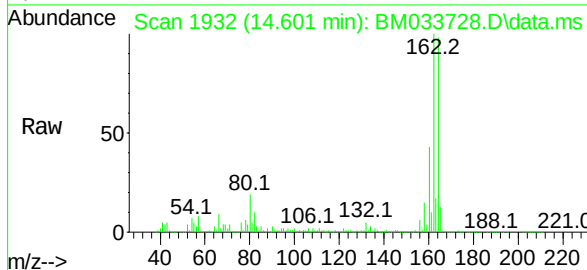
Tgt Ion:164 Resp: 434747

Ion Ratio Lower Upper

164 100

162 102.4 79.7 119.5

160 44.3 34.2 51.4



Abundance Scan 2188 (16.107 min): BM033643.D\data.ms (-2140) (-)

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

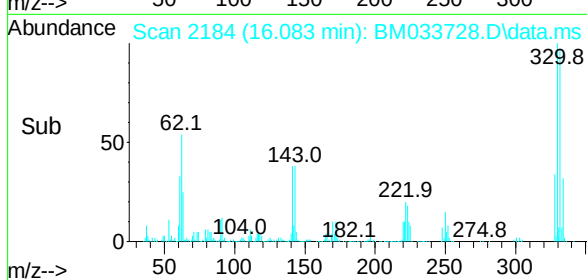
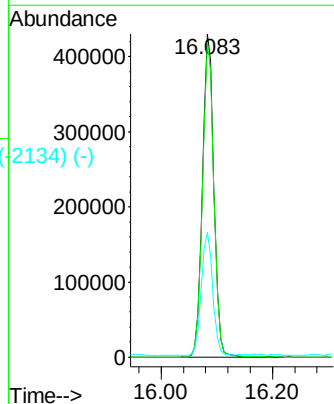
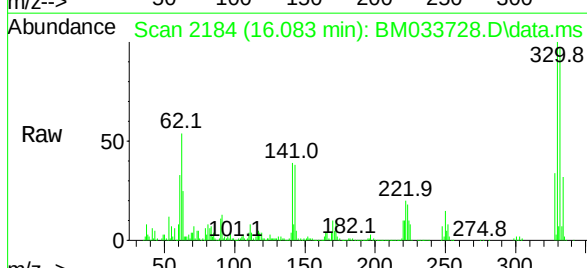
Tgt Ion:330 Resp: 611297

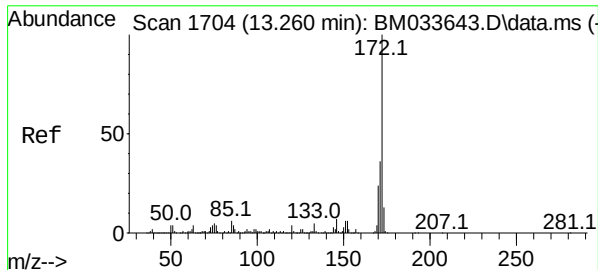
Ion Ratio Lower Upper

330 100

332 97.0 76.5 114.7

141 38.4 35.9 53.9

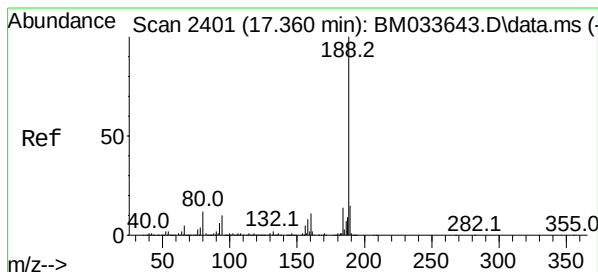
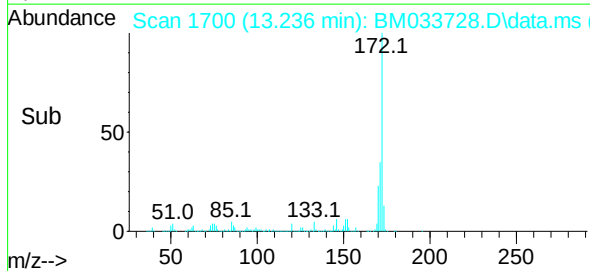
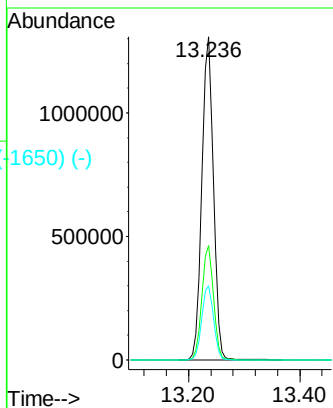
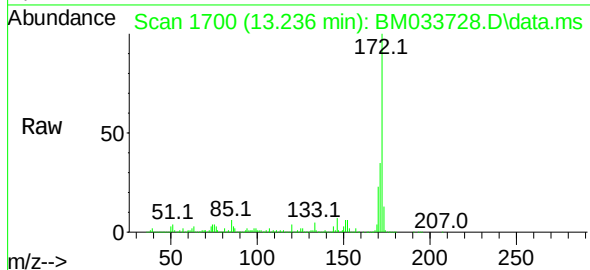




Scan 1704 (13.260 min): BM033643.D\data.ms (-1645) (-)
 2-Fluorobiphenyl
 Concen: 56.827 ng
 RT: 13.236 min Scan# 1645
 Delta R.T. -0.006 min
 Lab File: BM033728.D
 Acq: 14 Jan 2022 15:13

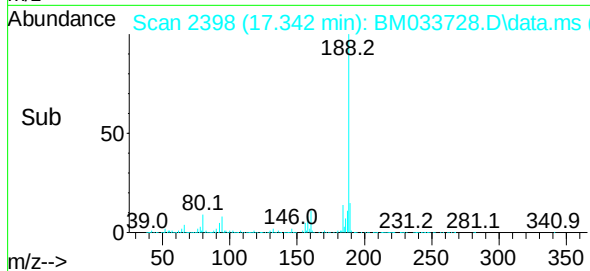
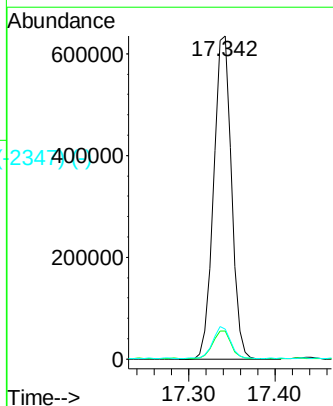
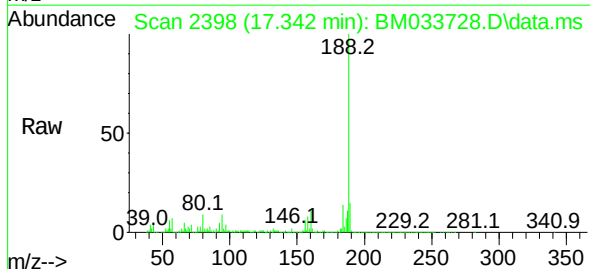
Instrument : BNA_M
 ClientSampleId : WEST-BOILER-ROOM-NORTH-SIDEWALL

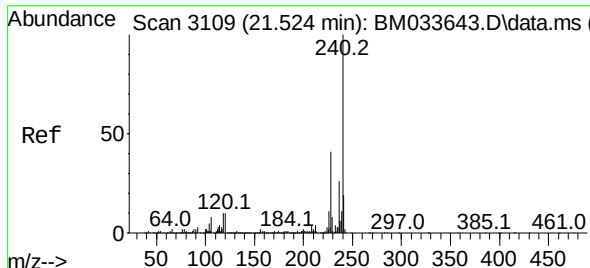
Tgt Ion:	172	Resp:	1886217
Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.2	40.8
170	22.9	18.7	28.1



Scan 2401 (17.360 min): BM033643.D\data.ms (-2401) (-)
 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





Chrysene-d12

Concen: 20.000 ng

RT: 21.500 min Scan#

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

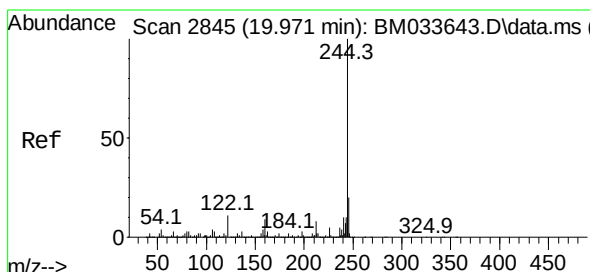
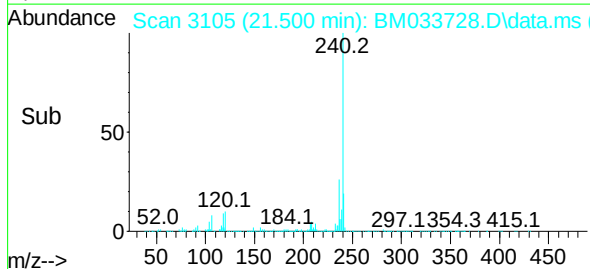
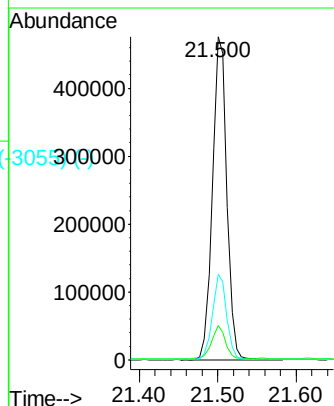
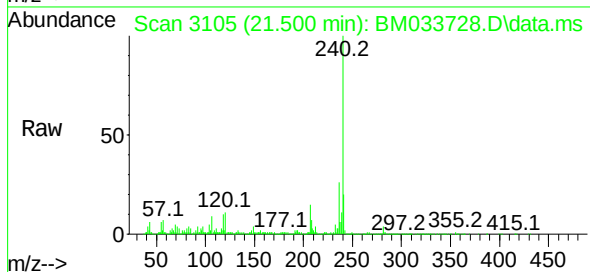
Tgt Ion:240 Resp: 607953

Ion Ratio Lower Upper

240 100

120 10.6 7.8 11.6

236 26.5 20.3 30.5



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

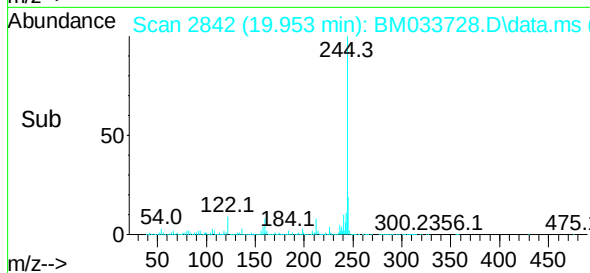
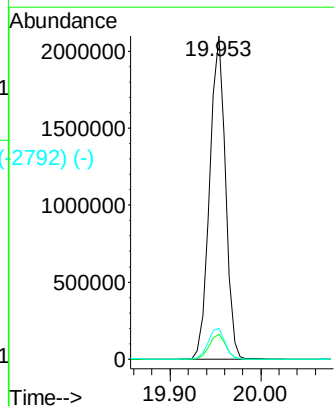
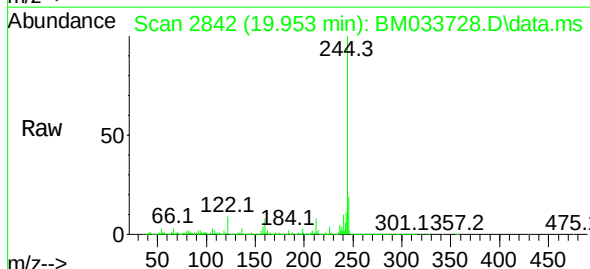
Tgt Ion:244 Resp: 2532864

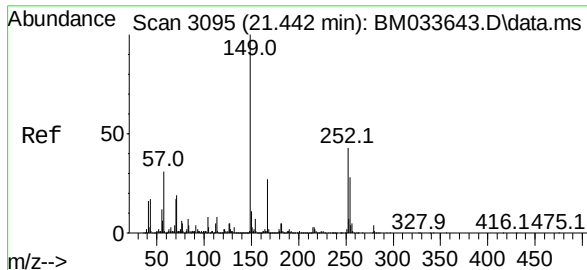
Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 9.5 8.4 12.6

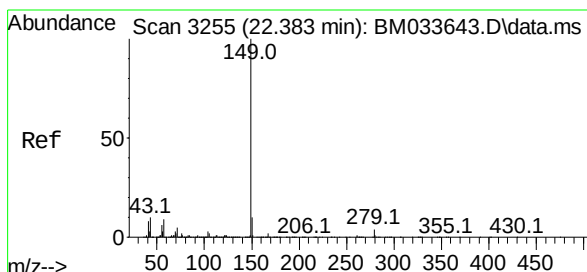
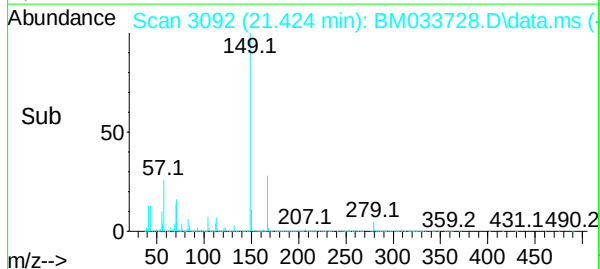
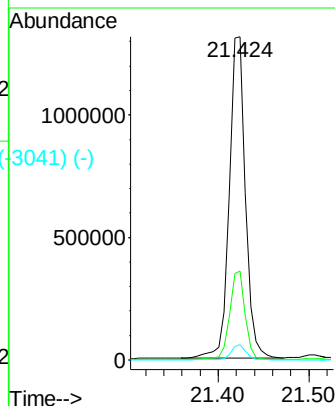
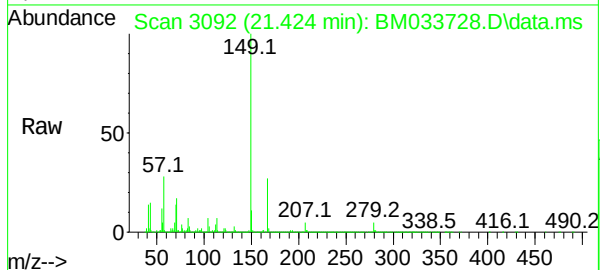




Bis(2-ethylhexyl)phthalate
Concen: 55.880 ng
RT: 21.424 min Scan# 3089
Delta R.T. 0.000 min
Lab File: BM033728.D
Acq: 14 Jan 2022 15:13

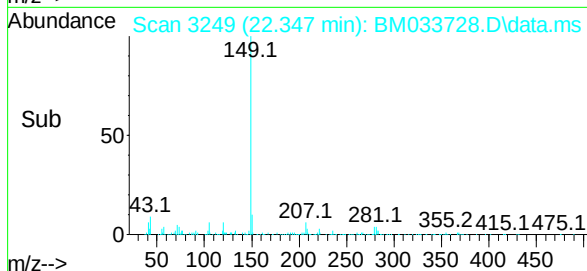
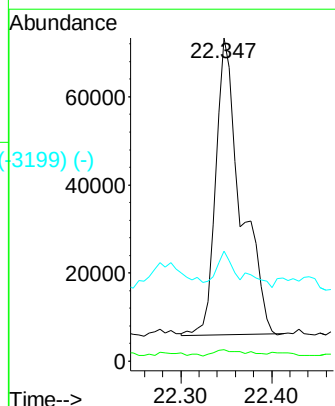
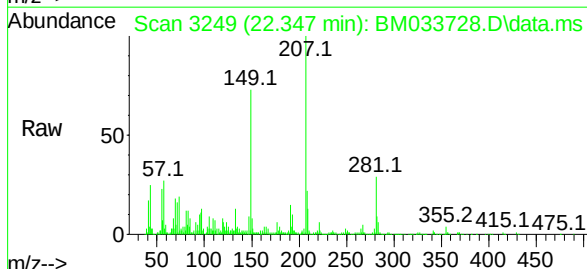
Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-NORTH-SIDEWALL

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#

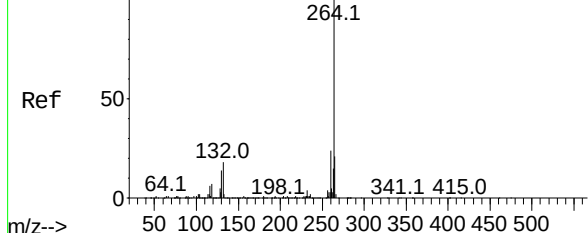


Di-n-octyl phthalate
Concen: 2.738 ng
RT: 22.347 min Scan# 3249
Delta R.T. -0.006 min
Lab File: BM033728.D
Acq: 14 Jan 2022 15:13

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#



Abundance Scan 3522 (23.953 min): BM033643.D\data.ms (-3522) (-)



Perylene-d12

Concen: 20.000 ng

RT: 23.918 min Scan# 3516

Delta R.T. -0.012 min

Lab File: BM033728.D

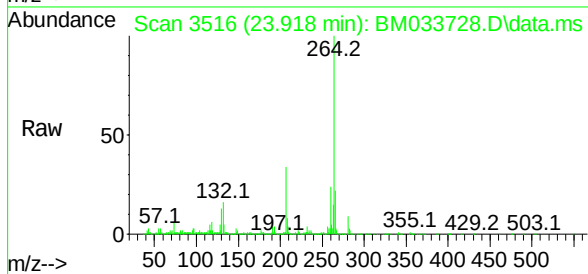
Acq: 14 Jan 2022 15:13

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

