

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
 Data File : BM033732.D
 Acq On : 14 Jan 2022 17:37
 Operator : CG/JU
 Sample : N1143-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jan 17 00:26:15 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)

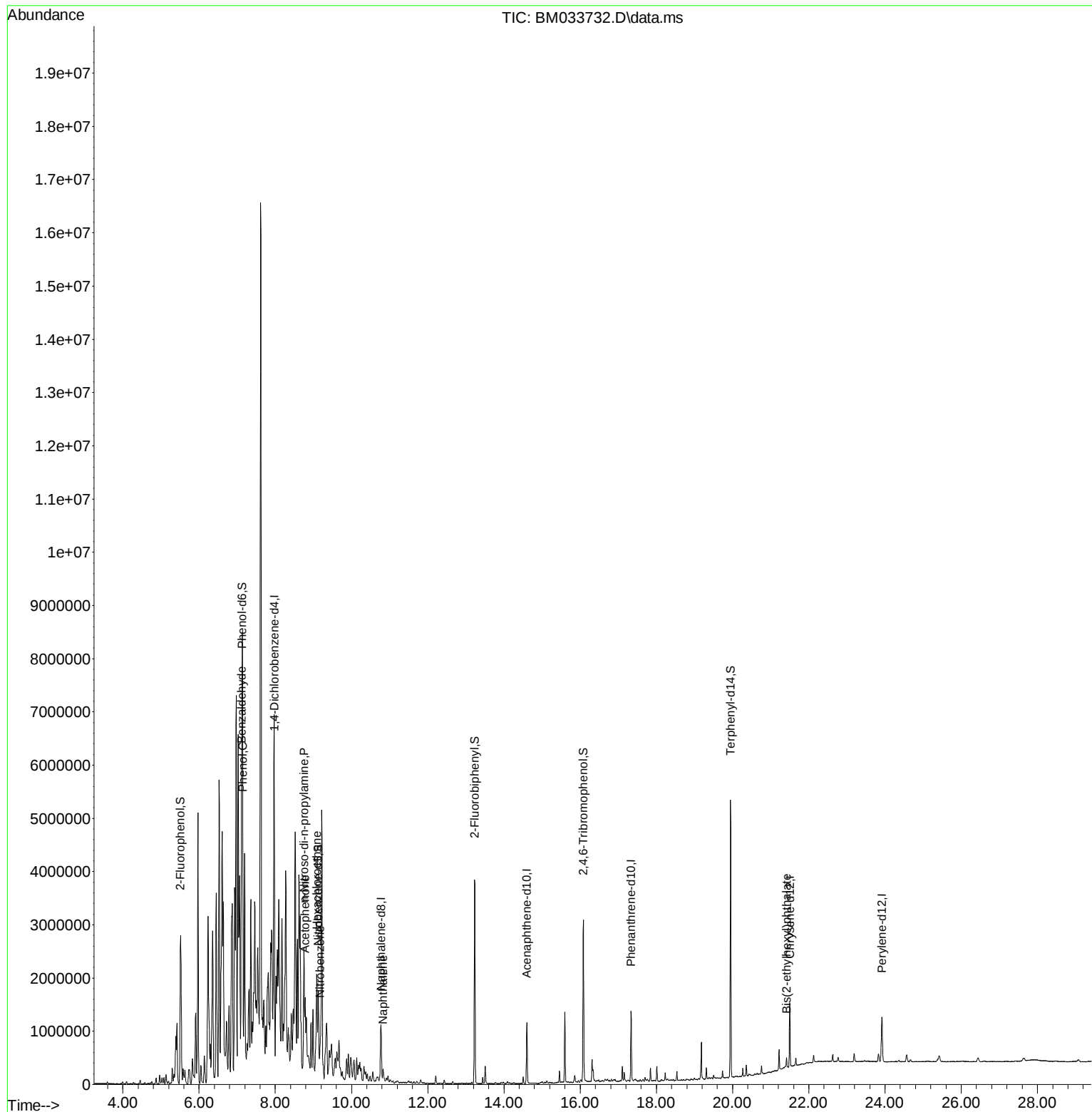
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	130411	20.000	ng	0.00
21) Naphthalene-d8	10.783	136	570285	20.000	ng	0.00
39) Acenaphthene-d10	14.601	164	386923	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	745788	20.000	ng	0.00
76) Chrysene-d12	21.500	240	564576	20.000	ng	0.00
86) Perylene-d12	23.918	264	615317	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	919485	111.199	ng	0.00
7) Phenol-d6	7.125	99	1104725	99.128	ng	0.00
23) Nitrobenzene-d5	9.131	82	813117	65.848	ng	0.00
42) 2,4,6-Tribromophenol	16.083	330	533526	132.019	ng	0.00
45) 2-Fluorobiphenyl	13.236	172	1921977	65.061	ng	0.00
79) Terphenyl-d14	19.947	244	2279747	72.683	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.113	77	132612	17.476	ng	# 1
10) Phenol	7.148	94	23710	2.116	ng	# 39
18) Hexachloroethane	9.089	117	123603	31.562	ng	# 1
19) n-Nitroso-di-n-propyla...	8.754	70	59455	8.166	ng	# 43
22) Acetophenone	8.783	105	764129	49.960	ng	# 53
24) Nitrobenzene	9.178	77	35918	3.059	ng	# 37
31) Naphthalene	10.830	128	136631	4.371	ng	100
84) Bis(2-ethylhexyl)phtha...	21.418	149	69064	2.554	ng	100

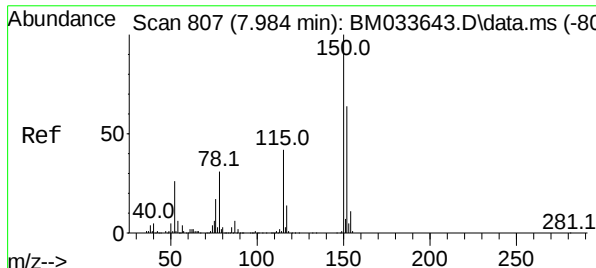
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WEST-BOILER-ROOM-SOUTH-SIDEWALL

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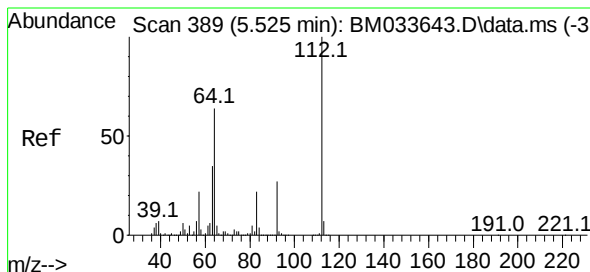
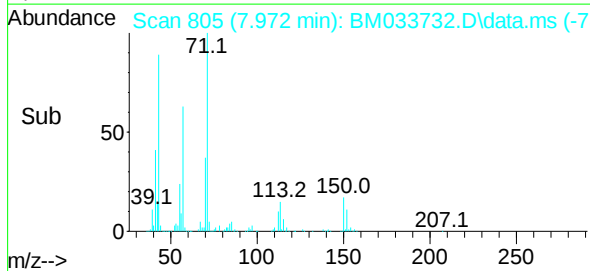
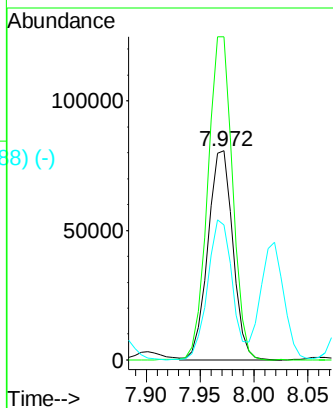
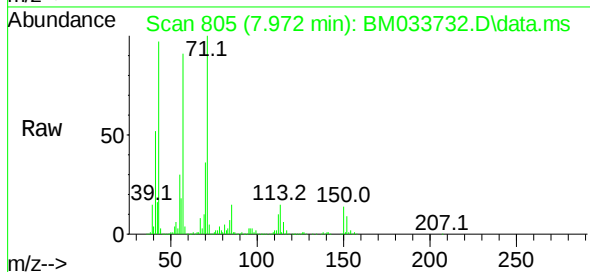




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.972 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BM033732.D
 Acq: 14 Jan 2022 17:37

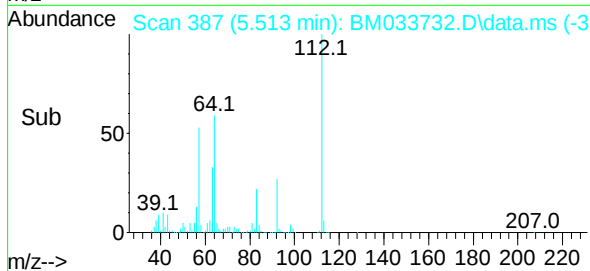
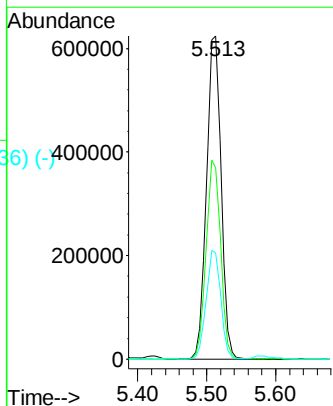
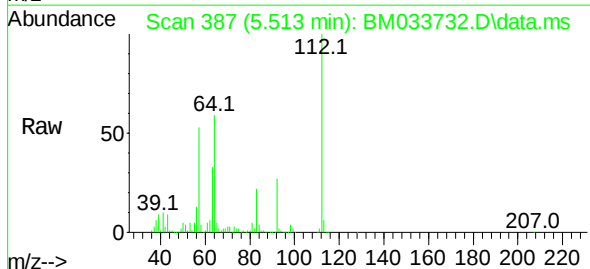
Instrument :
 BNA_M
 ClientSampleId :
 WEST-BOILER-ROOM-SOUTH-SIDEWALL

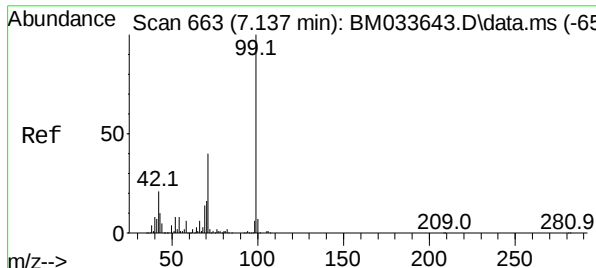
Tgt Ion:	152	Resp:	130411
Ion	Ratio	Lower	Upper
152	100		
150	154.3	128.9	193.3
115	64.5	53.0	79.6



2-Fluorophenol
 Concen: 111.199 ng
 RT: 5.513 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: BM033732.D
 Acq: 14 Jan 2022 17:37

Tgt Ion:	112	Resp:	919485
Ion	Ratio	Lower	Upper
112	100		
64	59.2	55.5	83.3
63	32.9	31.3	46.9

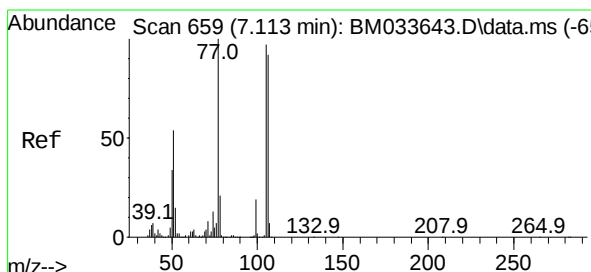
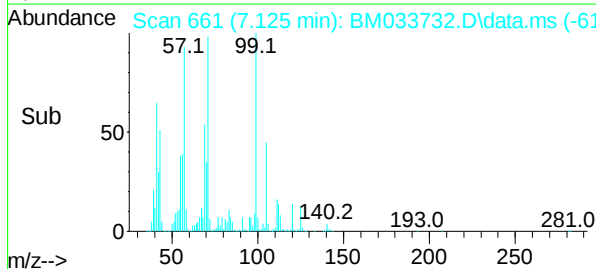
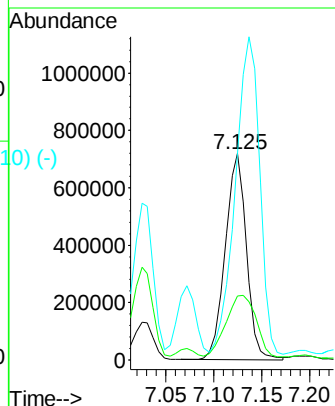
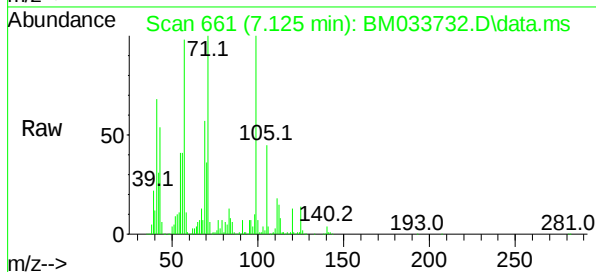




Phenol-d6
 Concen: 99.128 ng
 RT: 7.125 min Scan# 661
 Delta R.T. -0.000 min
 Lab File: BM033732.D
 Acq: 14 Jan 2022 17:37

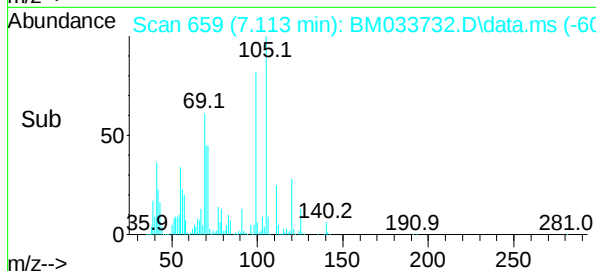
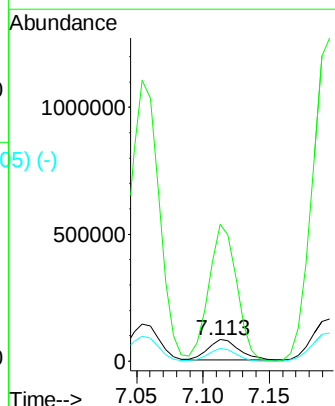
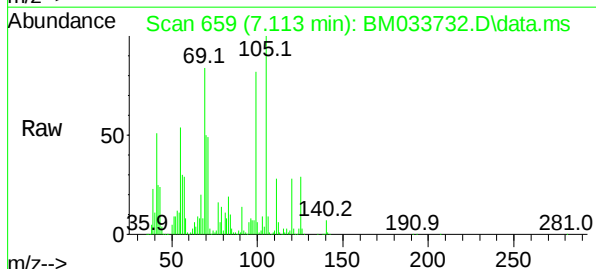
Instrument :
 BNA_M
 ClientSampleId :
 WEST-BOILER-ROOM-SOUTH-SIDEWALL

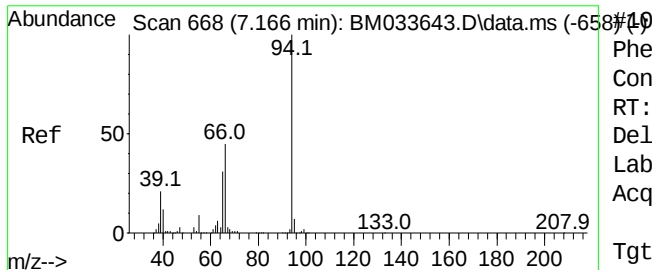
Tgt Ion: 99 Resp: 1104725
 Ion Ratio Lower Upper
 99 100
 42 31.0 20.3 30.5#
 71 99.7 34.5 51.7#



Benzaldehyde
 Concen: 17.476 ng
 RT: 7.113 min Scan# 659
 Delta R.T. 0.018 min
 Lab File: BM033732.D
 Acq: 14 Jan 2022 17:37

Tgt Ion: 77 Resp: 132612
 Ion Ratio Lower Upper
 77 100
 105 635.1 67.1 107.1#
 106 58.2 64.3 104.3#

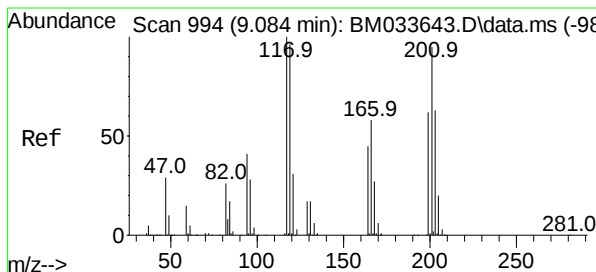
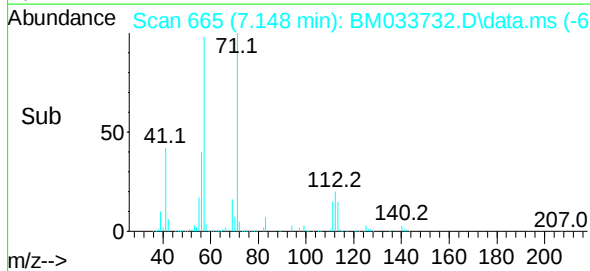
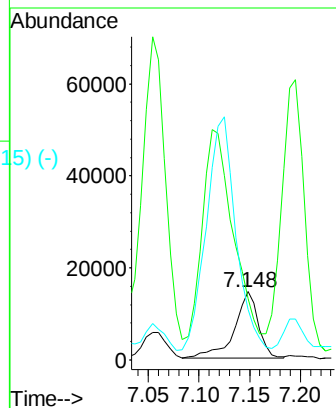
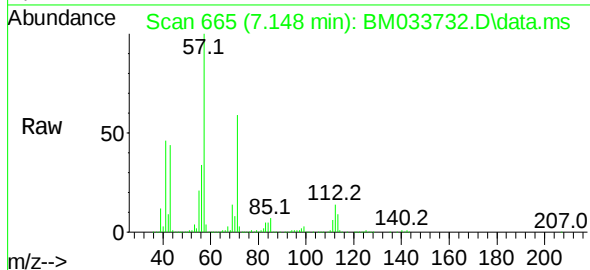




Phenol
Concen: 2.116 ng
RT: 7.148 min Scan# 665
Delta R.T. -0.006 min
Lab File: BM033732.D
Acq: 14 Jan 2022 17:37

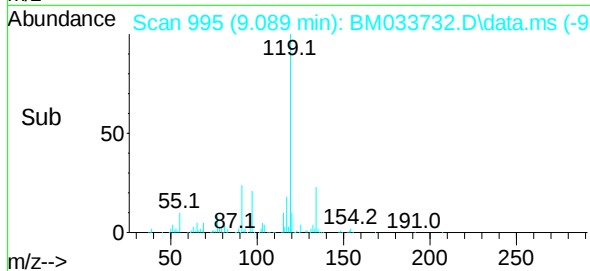
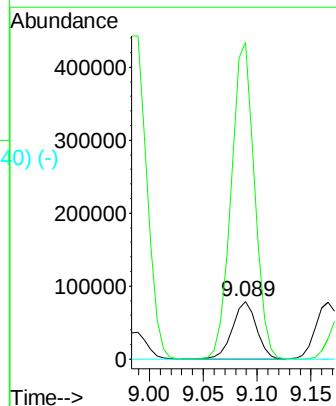
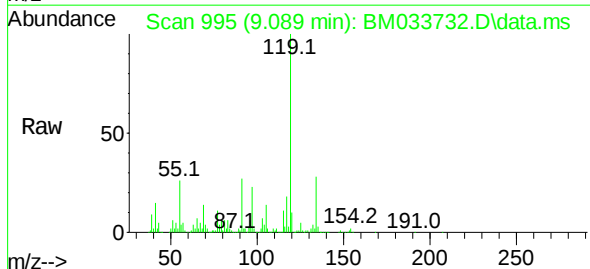
Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

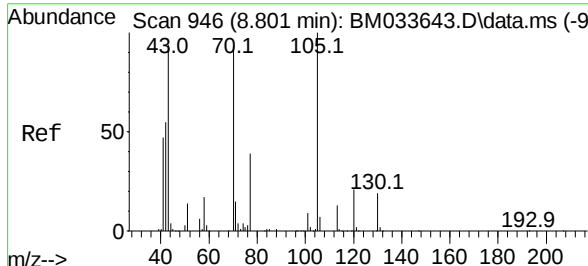
Tgt Ion: 94 Resp: 23710
Ion Ratio Lower Upper
94 100
65 90.0 15.5 55.5#
66 73.8 28.5 68.5#



Hexachloroethane
Concen: 31.562 ng
RT: 9.089 min Scan# 995
Delta R.T. 0.024 min
Lab File: BM033732.D
Acq: 14 Jan 2022 17:37

Tgt Ion: 117 Resp: 123603
Ion Ratio Lower Upper
117 100
119 548.3 75.0 112.6#
201 0.0 75.2 112.8#

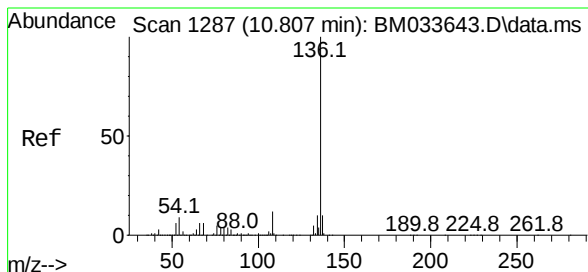
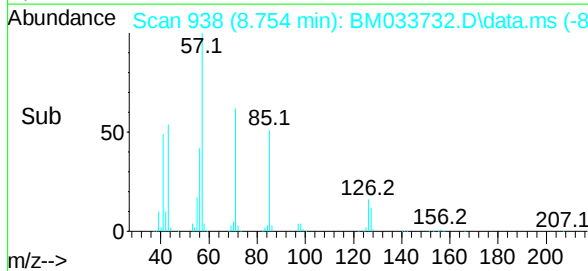
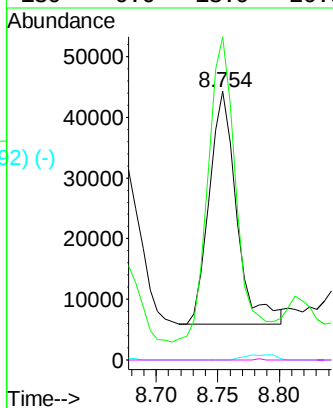
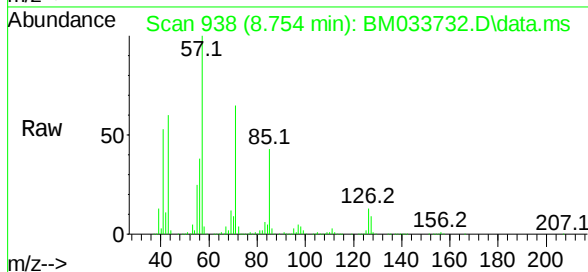




n-Nitroso-di-n-propylamine
 Concen: 8.166 ng
 RT: 8.754 min Scan# 19
 Delta R.T. -0.029 min
 Lab File: BM033732.D
 Acq: 14 Jan 2022 17:37

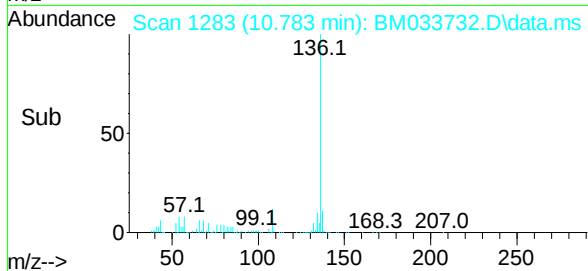
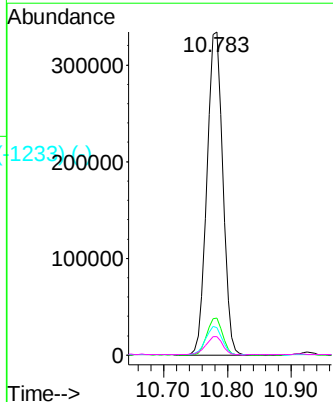
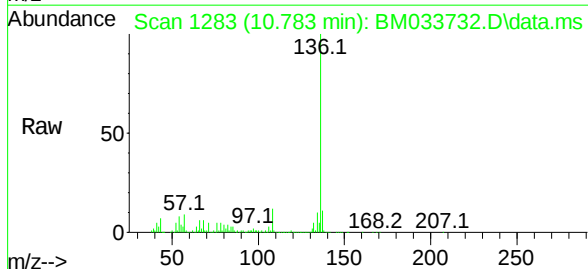
Instrument :
 BNA_M
 ClientSampleId :
 WEST-BOILER-ROOM-SOUTH-SIDEWALL

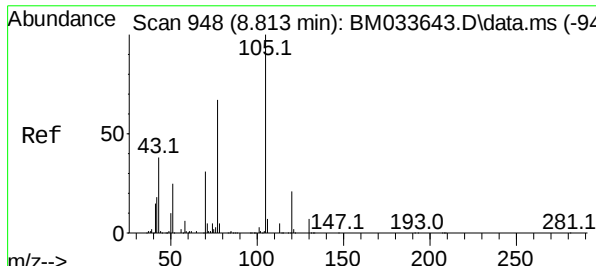
Tgt Ion:	70	Resp:	59455
Ion	Ratio	Lower	Upper
70	100		
42	120.3	54.1	81.1#
101	0.0	7.8	11.6#
130	0.0	13.9	20.9#



Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.783 min Scan# 1283
 Delta R.T. -0.006 min
 Lab File: BM033732.D
 Acq: 14 Jan 2022 17:37

Tgt Ion:	136	Resp:	570285
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	8.5	8.3	12.5
68	5.8	5.0	7.6





Acetophenone

Concen: 49.960 ng

RT: 8.783 min Scan# 948

Delta R.T. -0.012 min

Lab File: BM033732.D

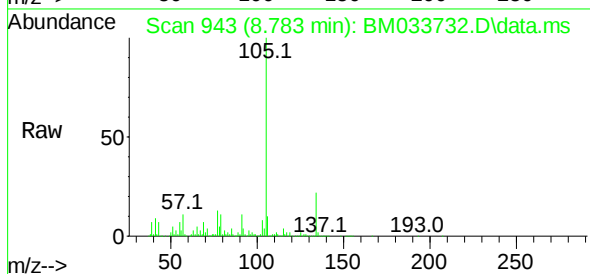
Acq: 14 Jan 2022 17:37

Instrument :

BNA_M

ClientSampleId :

WEST-BOILER-ROOM-SOUTH-SIDEWALL



Tgt Ion: 105 Resp: 764129

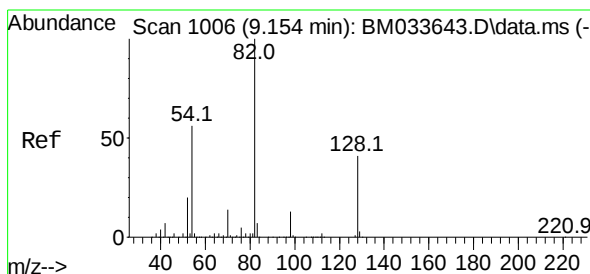
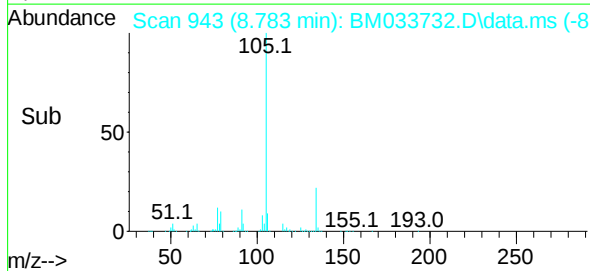
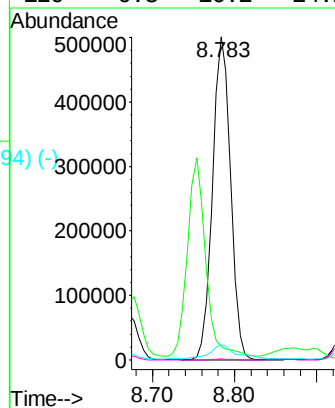
Ion Ratio Lower Upper

105 100

71 4.2 1.6 2.4#

51 4.7 27.7 41.5#

120 0.3 16.2 24.2#



Nitrobenzene-d5

Concen: 65.848 ng

RT: 9.131 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BM033732.D

Acq: 14 Jan 2022 17:37

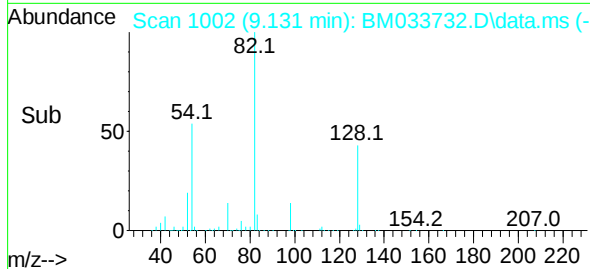
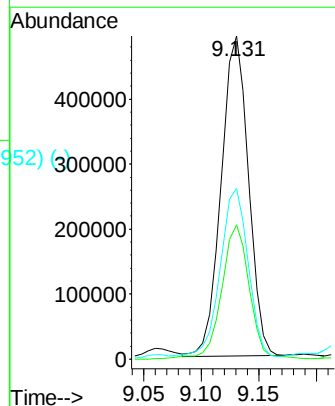
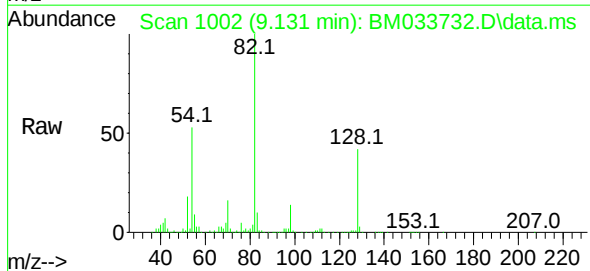
Tgt Ion: 82 Resp: 813117

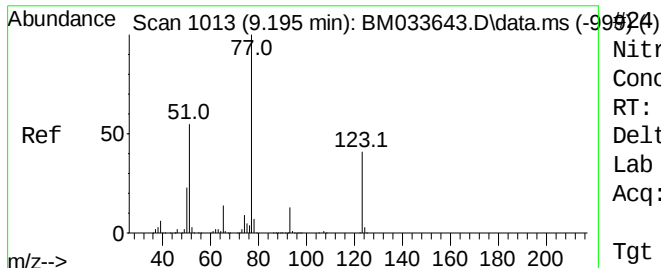
Ion Ratio Lower Upper

82 100

128 41.6 28.1 42.1

54 52.8 46.1 69.1





Nitrobenzene

Concen: 3.059 ng

RT: 9.178 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BM033732.D

Acq: 14 Jan 2022 17:37

Instrument :

BNA_M

ClientSampleId :

WEST-BOILER-ROOM-SOUTH-SIDEWALL

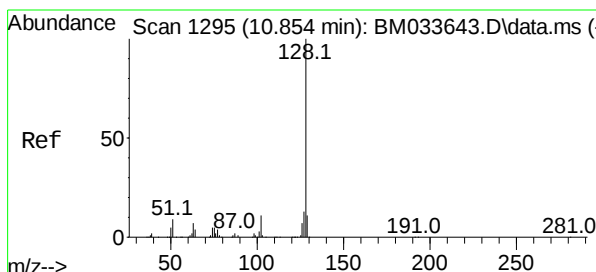
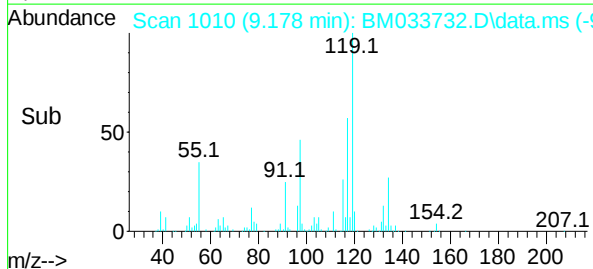
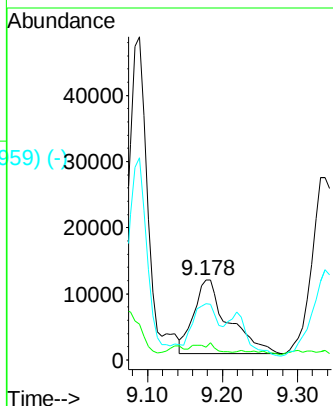
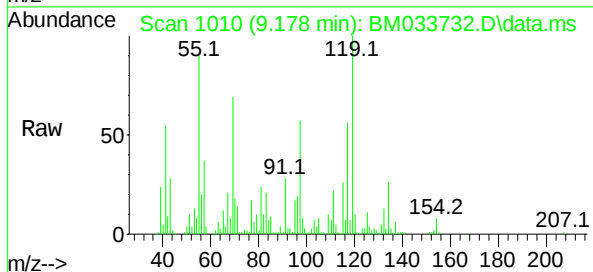
Tgt Ion: 77 Resp: 35918

Ion Ratio Lower Upper

77 100

123 16.2 29.8 44.8#

65 70.3 11.5 17.3#



Naphthalene

Concen: 4.371 ng

RT: 10.830 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BM033732.D

Acq: 14 Jan 2022 17:37

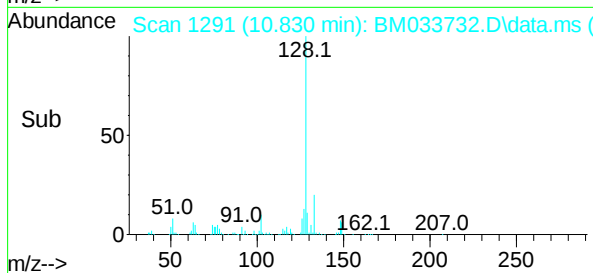
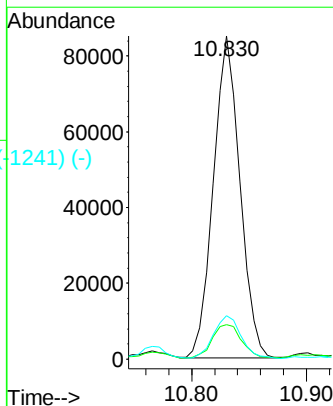
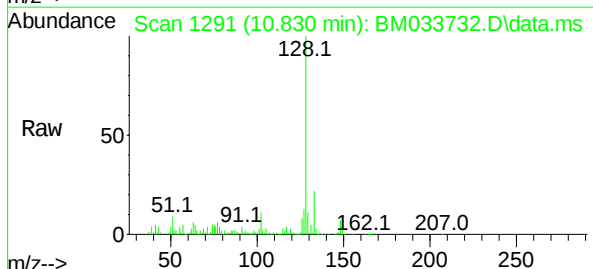
Tgt Ion: 128 Resp: 136631

Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

127 13.4 10.8 16.2



Abundance Scan 1936 (14.624 min): BM033643.D\data.ms (-1829) (-)

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.601 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BM033732.D

Acq: 14 Jan 2022 17:37

Instrument :

BNA_M

ClientSampleId :

WEST-BOILER-ROOM-SOUTH-SIDEWALL

Tgt Ion:164 Resp: 386923

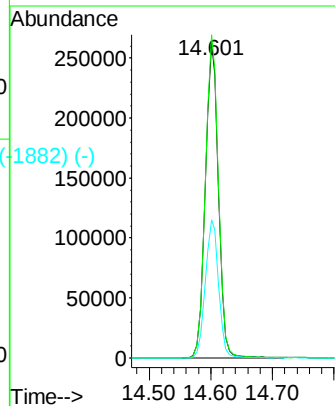
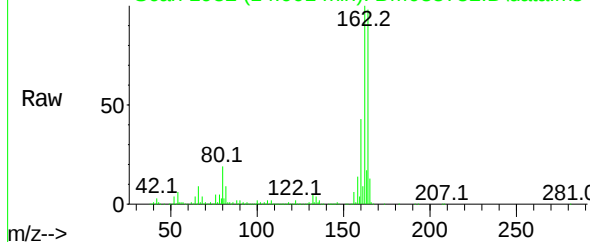
Ion Ratio Lower Upper

164 100

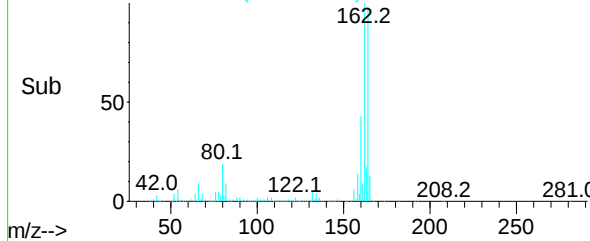
162 102.5 79.7 119.5

160 43.8 34.2 51.4

Abundance Scan 1932 (14.601 min): BM033732.D\data.ms



Abundance Scan 1932 (14.601 min): BM033732.D\data.ms (-1882) (-)



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

2,4,6-Tribromophenol

Concen: 132.019 ng

RT: 16.083 min Scan# 2184

Delta R.T. -0.006 min

Lab File: BM033732.D

Acq: 14 Jan 2022 17:37

Tgt Ion:330 Resp: 533526

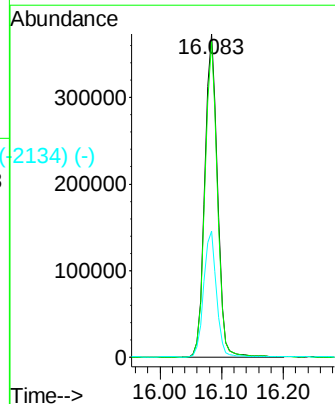
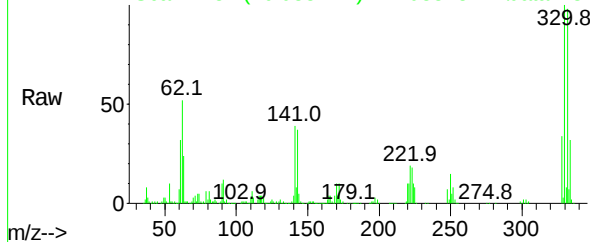
Ion Ratio Lower Upper

330 100

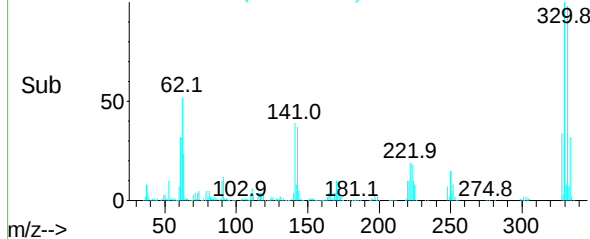
332 96.0 76.5 114.7

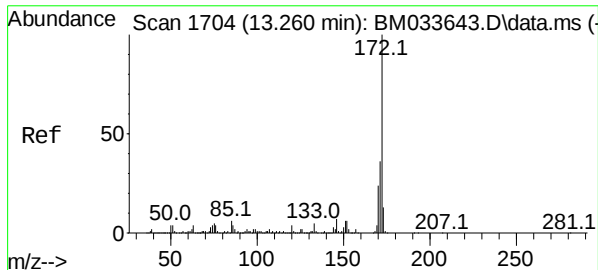
141 39.1 35.9 53.9

Abundance Scan 2184 (16.083 min): BM033732.D\data.ms



Abundance Scan 2184 (16.083 min): BM033732.D\data.ms (-2134) (-)



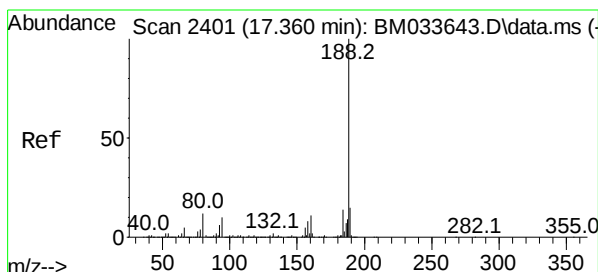
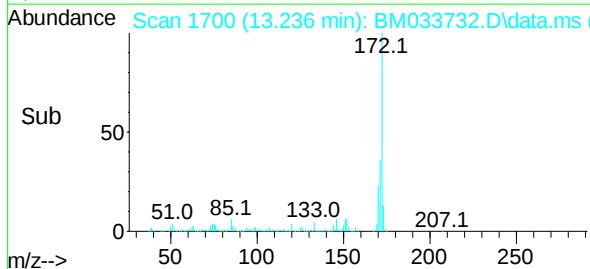
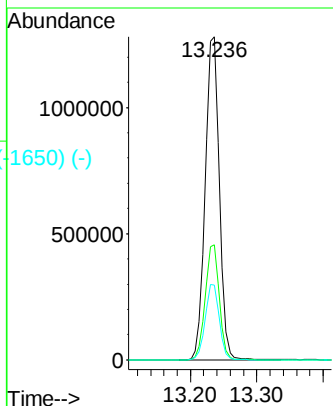
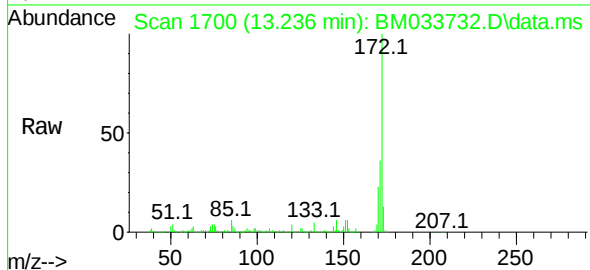


2-Fluorobiphenyl
Concen: 65.061 ng
RT: 13.236 min Scan# 1645
Delta R.T. -0.006 min
Lab File: BM033732.D
Acq: 14 Jan 2022 17:37

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

Tgt Ion:172 Resp: 1921977

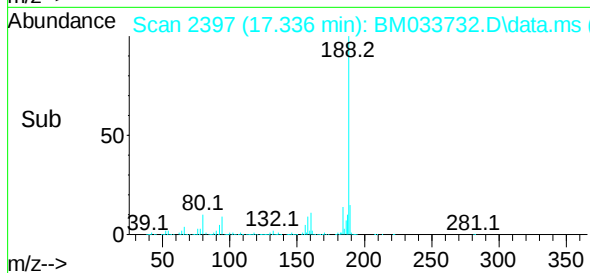
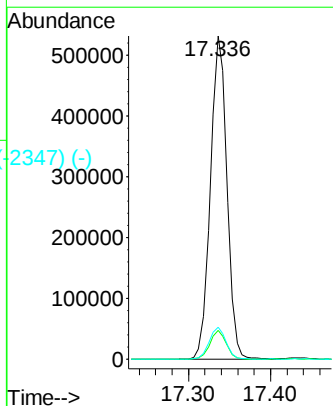
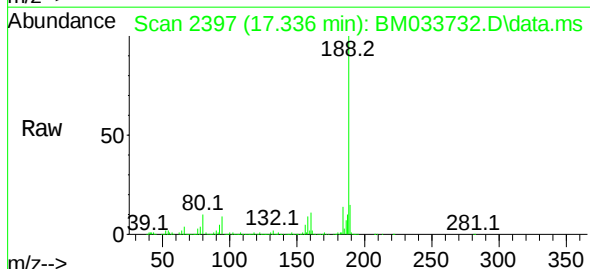
Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.2	40.8
170	23.2	18.7	28.1



Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BM033732.D
Acq: 14 Jan 2022 17:37

Tgt Ion:188 Resp: 745788

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.5	11.3
80	9.8	8.9	13.3



Abundance Scan 3109 (21.524 min): BM033643.D\data.ms (-3170) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 21.500 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BM033732.D

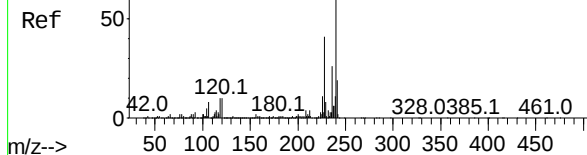
Acq: 14 Jan 2022 17:37

Instrument :

BNL_M

ClientSampleId :

WEST-BOILER-ROOM-SOUTH-SIDEWALL



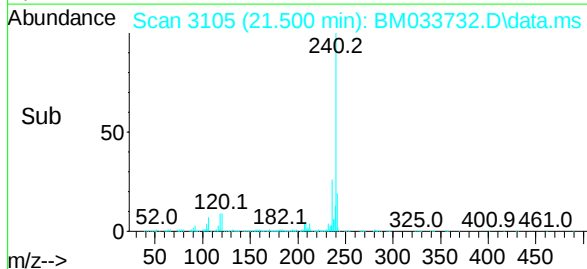
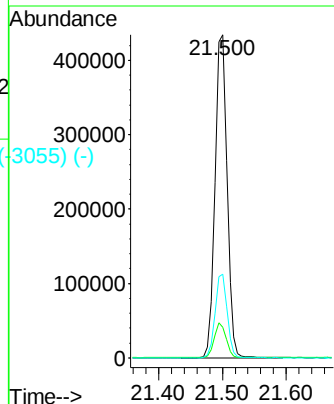
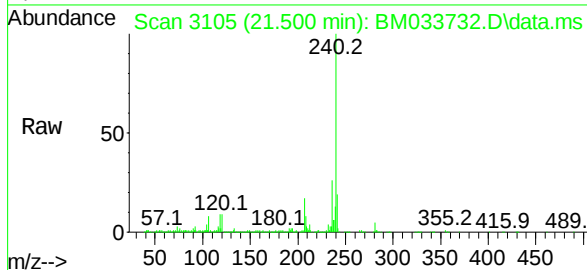
Tgt Ion:240 Resp: 564576

Ion Ratio Lower Upper

240 100

120 9.4 7.8 11.6

236 26.0 20.3 30.5



Abundance Scan 2845 (19.971 min): BM033643.D\data.ms (-2879) (-)

Terphenyl-d14

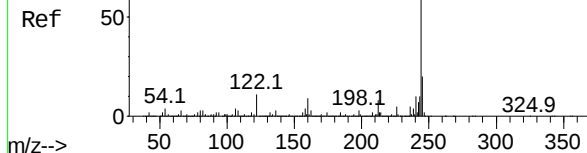
Concen: 72.683 ng

RT: 19.947 min Scan# 2841

Delta R.T. -0.012 min

Lab File: BM033732.D

Acq: 14 Jan 2022 17:37



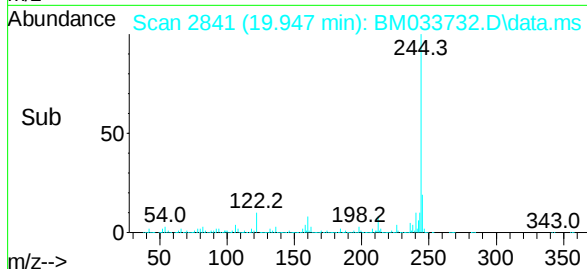
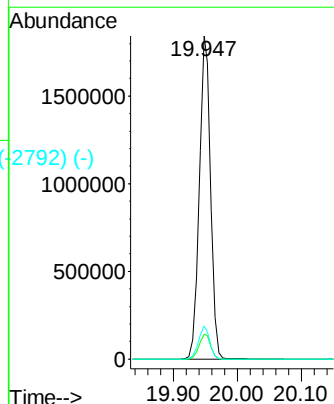
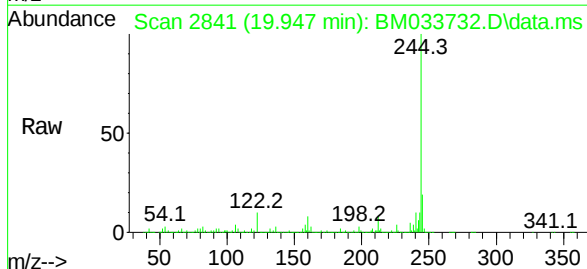
Tgt Ion:244 Resp: 2279747

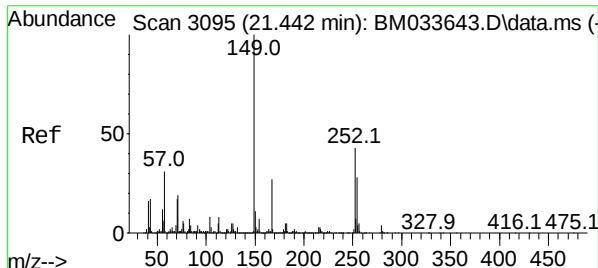
Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

122 10.2 8.4 12.6

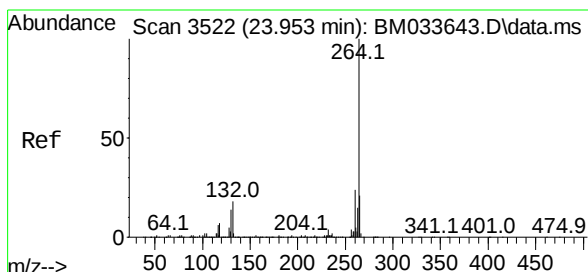
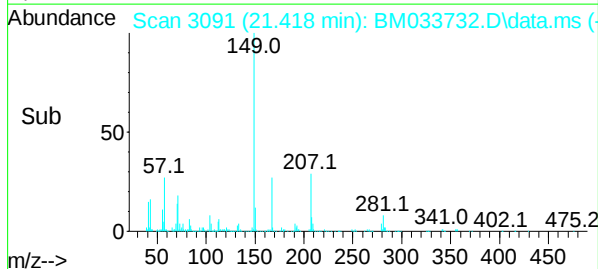
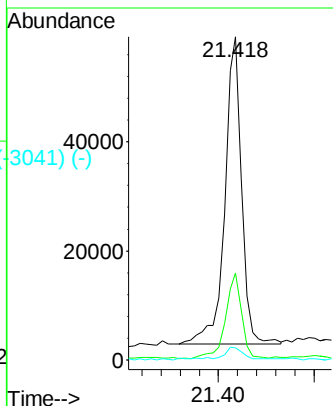
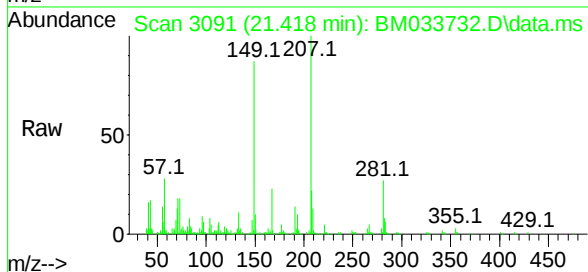




Bis(2-ethylhexyl)phthalate
 Concen: 2.554 ng
 RT: 21.418 min Scan# 3089
 Delta R.T. -0.006 min
 Lab File: BM033732.D
 Acq: 14 Jan 2022 17:37

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

Tgt Ion:	149	Resp:	69064
Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.0
279	3.8	3.0	4.6



Perylene-d12
 Concen: 20.000 ng
 RT: 23.918 min Scan# 3516
 Delta R.T. -0.012 min
 Lab File: BM033732.D
 Acq: 14 Jan 2022 17:37

Tgt Ion:	264	Resp:	615317
Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.7	26.5
265	21.6	17.7	26.5

