

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
 Data File : BM033733.D
 Acq On : 14 Jan 2022 18:13
 Operator : CG/JU
 Sample : N1143-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jan 17 00:26:27 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)

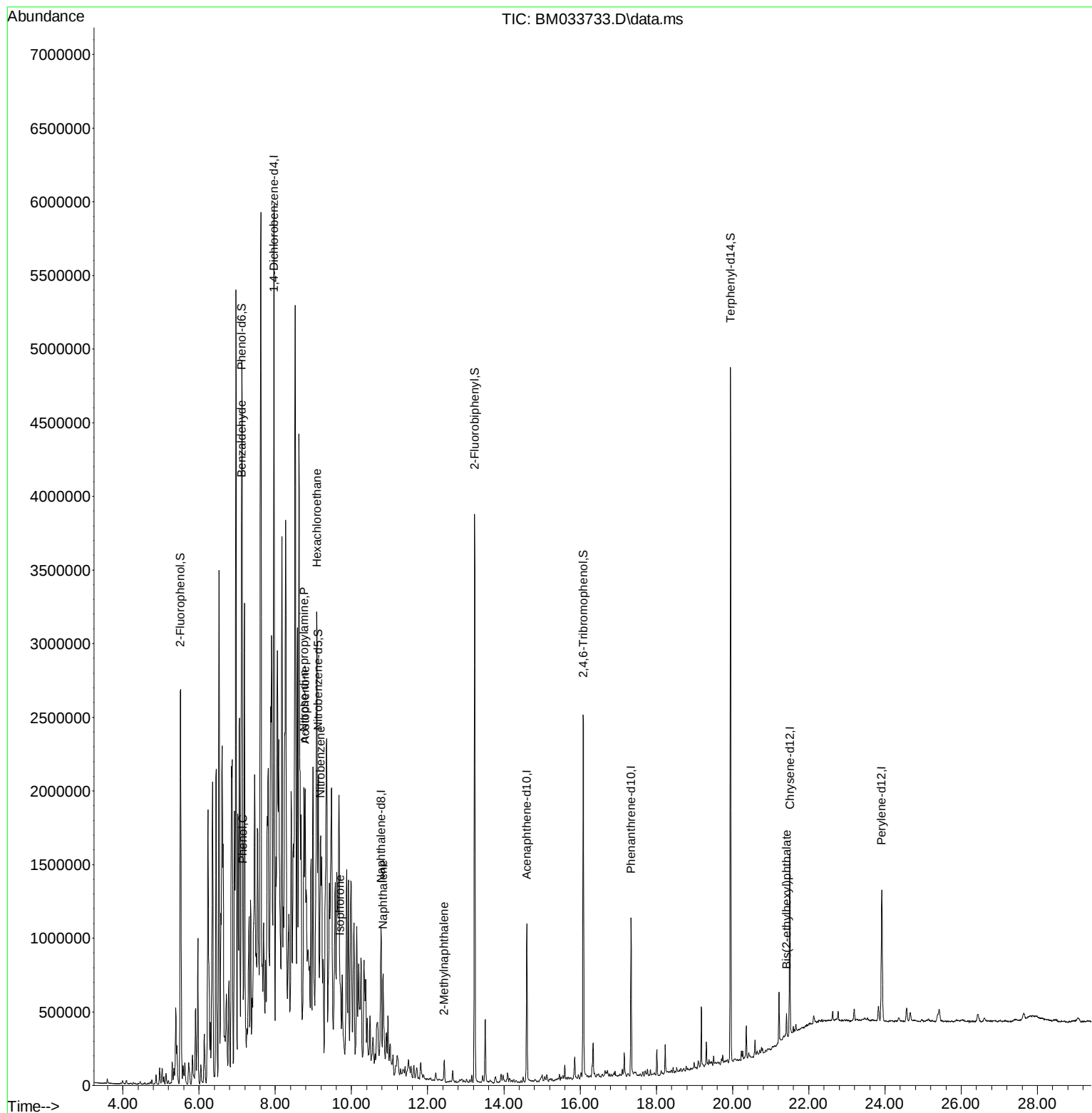
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	134408	20.000	ng	0.00
21) Naphthalene-d8	10.778	136	575511	20.000	ng	-0.01
39) Acenaphthene-d10	14.601	164	357246	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	606907	20.000	ng	0.00
76) Chrysene-d12	21.501	240	595268	20.000	ng	0.00
86) Perylene-d12	23.912	264	649865	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	980275	115.025	ng	0.00
7) Phenol-d6	7.119	99	1215907	105.860	ng	0.00
23) Nitrobenzene-d5	9.131	82	839390	67.358	ng	0.00
42) 2,4,6-Tribromophenol	16.083	330	445208	119.316	ng	0.00
45) 2-Fluorobiphenyl	13.230	172	1892737	69.394	ng	-0.01
79) Terphenyl-d14	19.948	244	2015577	60.948	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.113	77	67692	6.597	ng	# 1
10) Phenol	7.149	94	30518	2.643	ng	88
18) Hexachloroethane	9.090	117	155981	38.645	ng	# 1
19) n-Nitroso-di-n-propyla...	8.754	70	45406	6.051	ng	# 54
22) Acetophenone	8.784	105	794274	51.459	ng	# 52
24) Nitrobenzene	9.184	77	28012	2.364	ng	# 46
25) Isophorone	9.707	82	42815	2.121	ng	# 1
31) Naphthalene	10.831	128	301732	9.566	ng	98
37) 2-Methylnaphthalene	12.436	142	59930	2.812	ng	94
84) Bis(2-ethylhexyl)phtha...	21.418	149	63674	2.233	ng	99

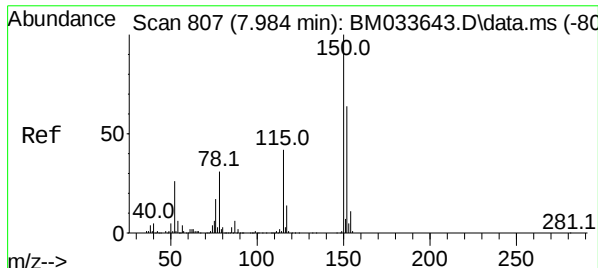
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
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WEST-BOILER-ROOM-WEST-SIDEWALL

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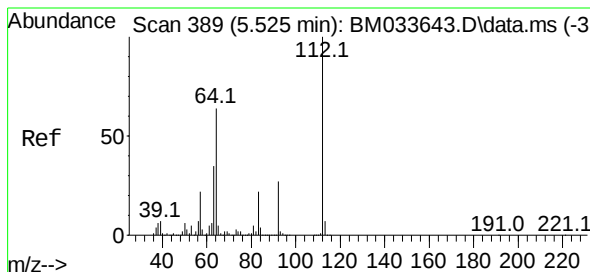
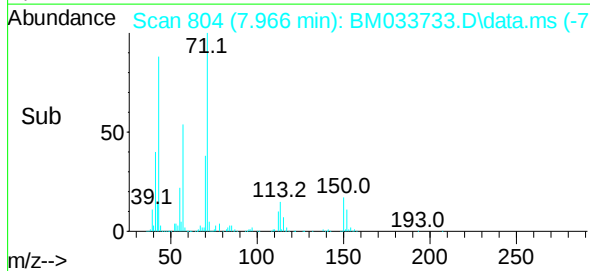
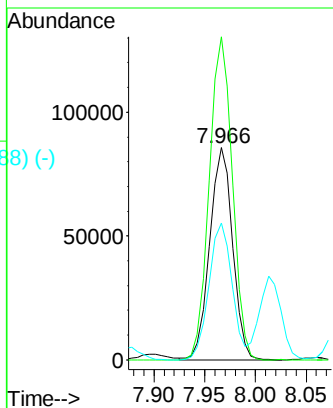
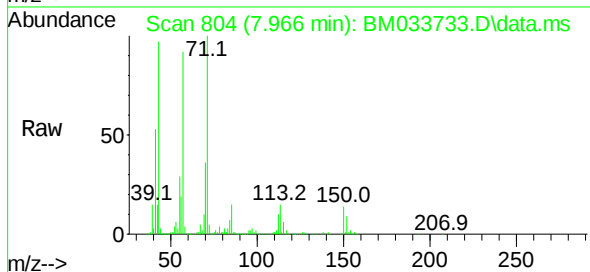




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.966 min Scan# 807
 Delta R.T. -0.006 min
 Lab File: BM033733.D
 Acq: 14 Jan 2022 18:13

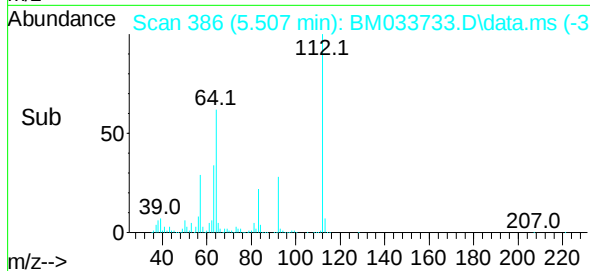
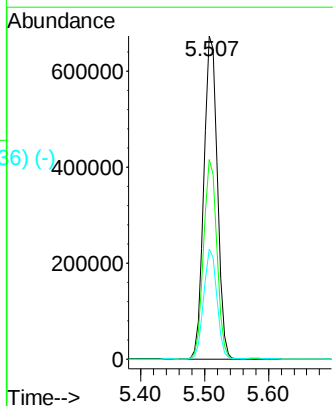
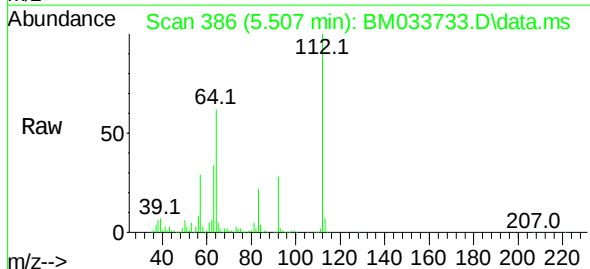
Instrument :
 BNA_M
 ClientSampleId :
 WEST-BOILER-ROOM-WEST-SIDEWALL

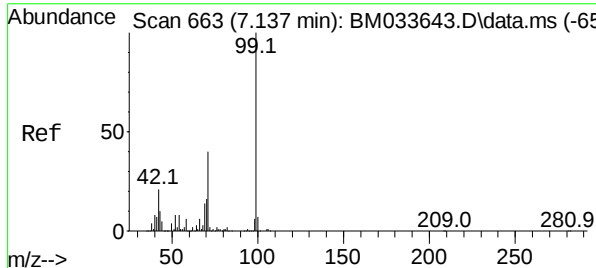
Tgt Ion:	152	Resp:	134408
Ion	Ratio	Lower	Upper
152	100		
150	152.3	128.9	193.3
115	64.6	53.0	79.6



2-Fluorophenol
 Concen: 115.025 ng
 RT: 5.507 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: BM033733.D
 Acq: 14 Jan 2022 18:13

Tgt Ion:	112	Resp:	980275
Ion	Ratio	Lower	Upper
112	100		
64	61.8	55.5	83.3
63	34.0	31.3	46.9

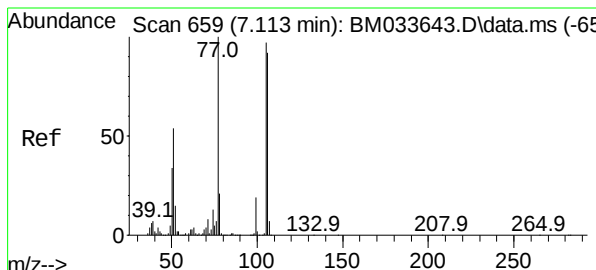
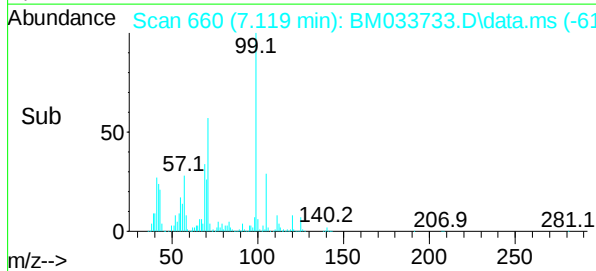
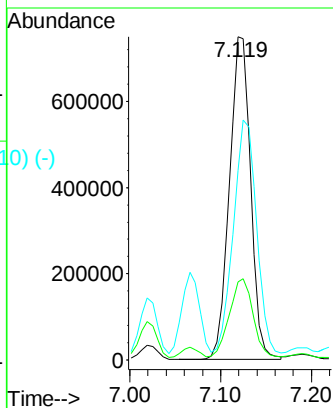
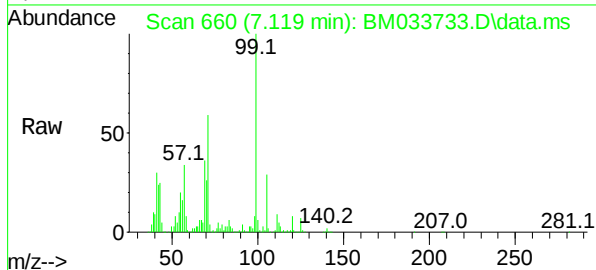




Phenol-d6
Concen: 105.860 ng
RT: 7.119 min Scan# 663
Delta R.T. -0.006 min
Lab File: BM033733.D
Acq: 14 Jan 2022 18:13

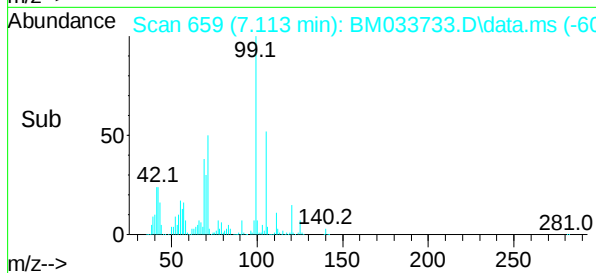
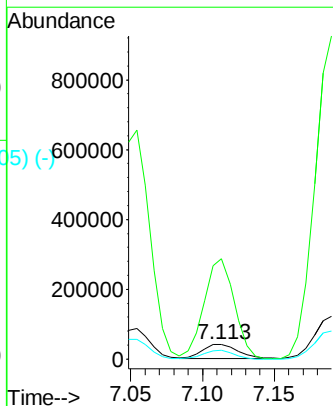
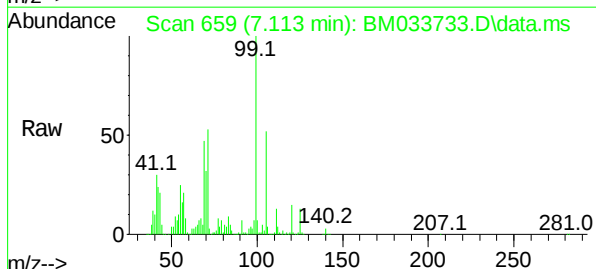
Instrument :
BNA_M
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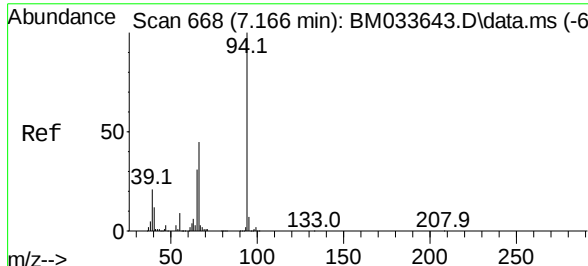
Tgt Ion: 99 Resp: 1215907
Ion Ratio Lower Upper
99 100
42 24.1 20.3 30.5
71 58.6 34.5 51.7#



Benzaldehyde
Concen: 6.597 ng
RT: 7.113 min Scan# 659
Delta R.T. 0.018 min
Lab File: BM033733.D
Acq: 14 Jan 2022 18:13

Tgt Ion: 77 Resp: 67692
Ion Ratio Lower Upper
77 100
105 675.7 67.1 107.1#
106 58.0 64.3 104.3#

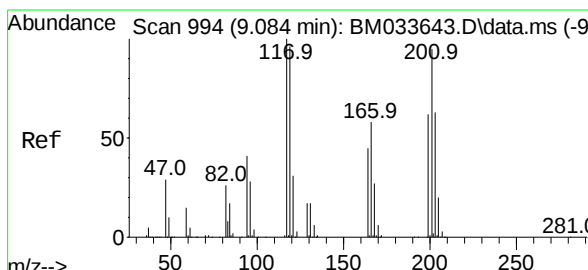
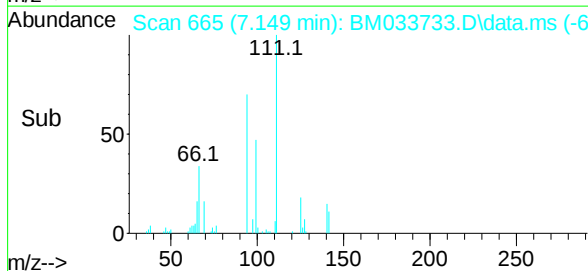
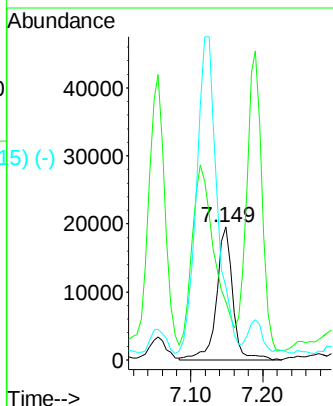
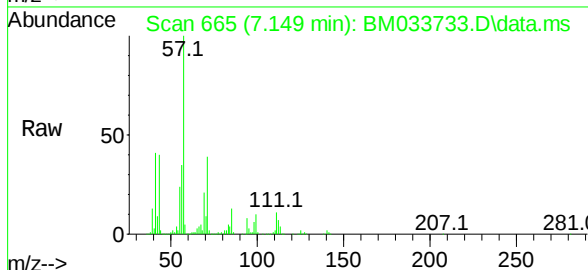




Phenol
 Concen: 2.643 ng
 RT: 7.149 min Scan# 665
 Delta R.T. -0.006 min
 Lab File: BM033733.D
 Acq: 14 Jan 2022 18:13

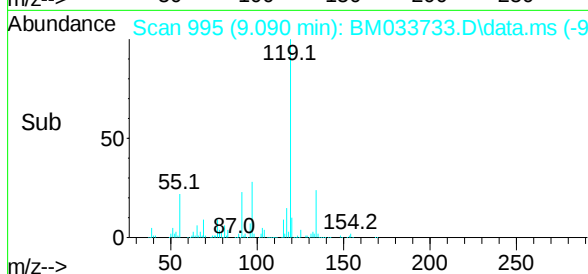
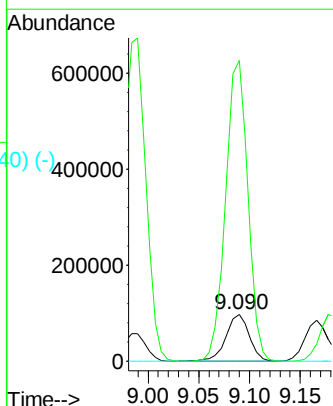
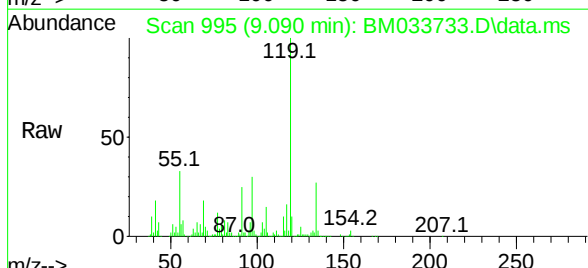
Instrument :
 BNA_M
 ClientSampleId :
 WEST-BOILER-ROOM-WEST-SIDEWALL

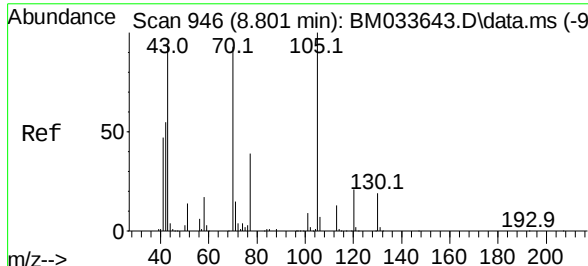
Tgt Ion:	94	Resp:	30518
Ion	Ratio	Lower	Upper
94	100		
65	43.7	15.5	55.5
66	55.2	28.5	68.5



Hexachloroethane
 Concen: 38.645 ng
 RT: 9.090 min Scan# 995
 Delta R.T. 0.024 min
 Lab File: BM033733.D
 Acq: 14 Jan 2022 18:13

Tgt Ion:	117	Resp:	155981
Ion	Ratio	Lower	Upper
117	100		
119	643.6	75.0	112.6#
201	0.0	75.2	112.8#

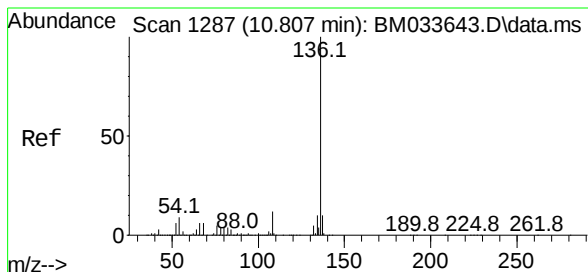
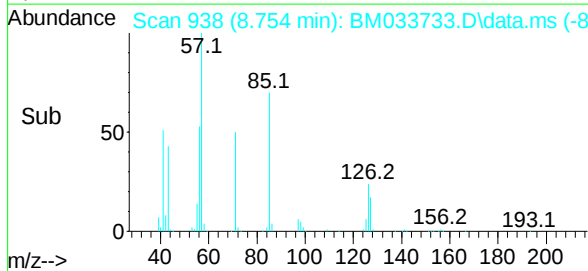
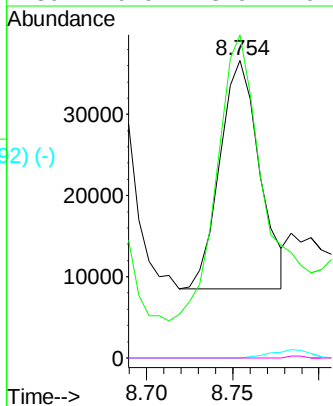
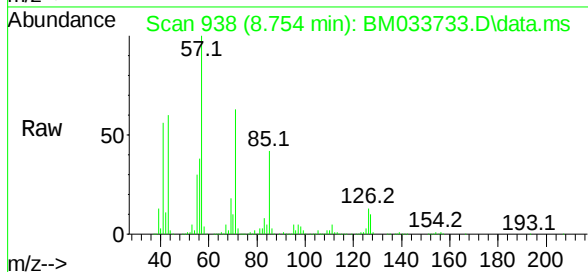




#19
 n-Nitroso-di-n-propylamine
 Concen: 6.051 ng
 RT: 8.754 min Scan# 1221
 Delta R.T. -0.029 min
 Lab File: BM033733.D
 Acq: 14 Jan 2022 18:13

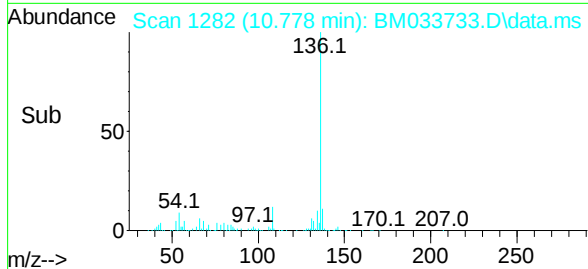
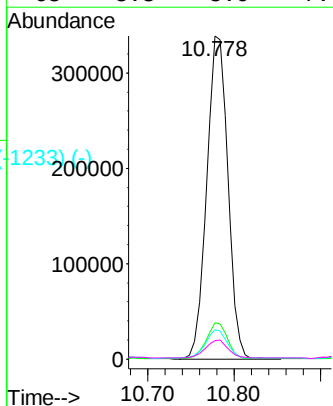
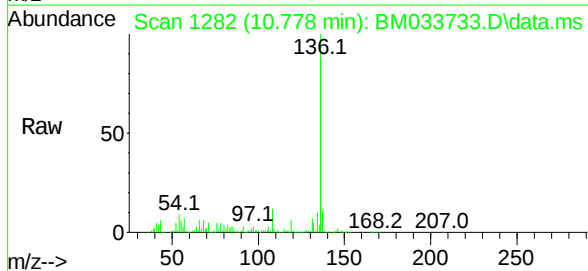
Instrument :
 BNA_M
 ClientSampleId :
 WEST-BOILER-ROOM-WEST-SIDEWALL

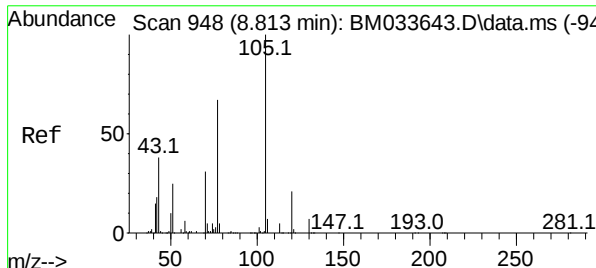
Tgt Ion:	70	Resp:	45406
Ion	Ratio	Lower	Upper
70	100		
42	108.6	54.1	81.1#
101	0.0	7.8	11.6#
130	0.0	13.9	20.9#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.778 min Scan# 1282
 Delta R.T. -0.012 min
 Lab File: BM033733.D
 Acq: 14 Jan 2022 18:13

Tgt Ion:	136	Resp:	575511
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.0	8.3	12.5
68	5.8	5.0	7.6





Acetophenone

Concen: 51.459 ng

RT: 8.784 min Scan#

Delta R.T. -0.012 min

Lab File: BM033733.D

Acq: 14 Jan 2022 18:13

Instrument :

BNA_M

ClientSampleId :

WEST-BOILER-ROOM-WEST-SIDEWALL

Tgt Ion:105 Resp: 794274

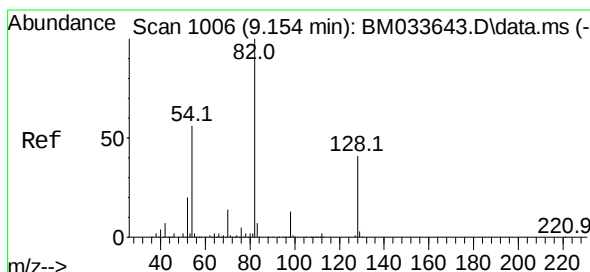
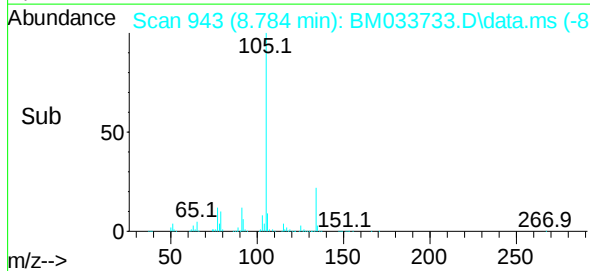
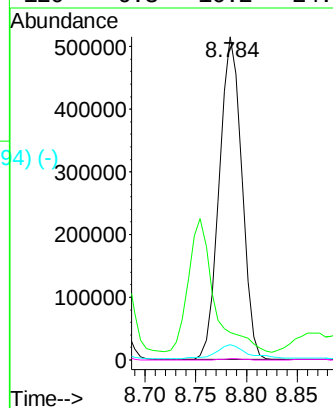
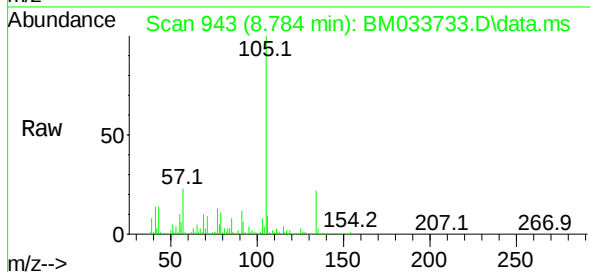
Ion Ratio Lower Upper

105 100

71 8.5 1.6 2.4#

51 4.7 27.7 41.5#

120 0.3 16.2 24.2#



Nitrobenzene-d5

Concen: 67.358 ng

RT: 9.131 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BM033733.D

Acq: 14 Jan 2022 18:13

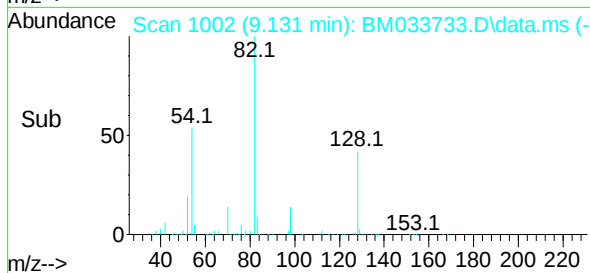
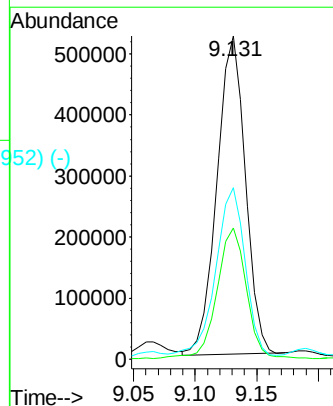
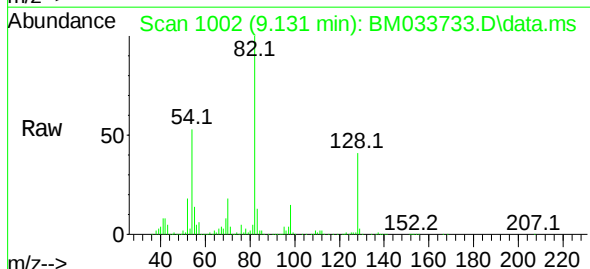
Tgt Ion: 82 Resp: 839390

Ion Ratio Lower Upper

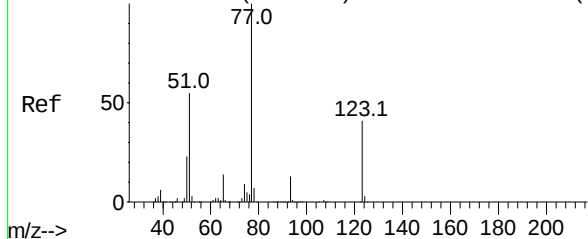
82 100

128 40.7 28.1 42.1

54 53.1 46.1 69.1



Abundance Scan 1013 (9.195 min): BM033643.D\data.ms (-999) (-)



Nitrobenzene

Concen: 2.364 ng

RT: 9.184 min Scan# 1013

Delta R.T. 0.006 min

Lab File: BM033733.D

Acq: 14 Jan 2022 18:13

Instrument :

BNA_M

ClientSampleId :

WEST-BOILER-ROOM-WEST-SIDEWALL

Tgt Ion: 77 Resp: 28012

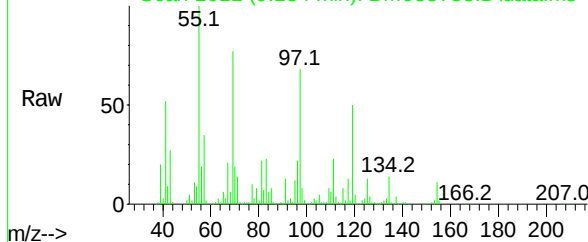
Ion Ratio Lower Upper

77 100

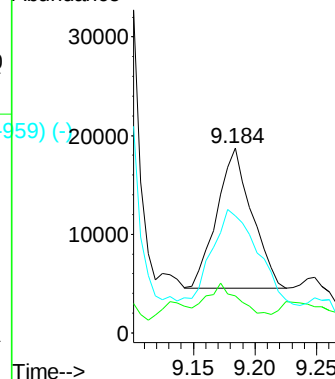
123 19.9 29.8 44.8#

65 63.4 11.5 17.3#

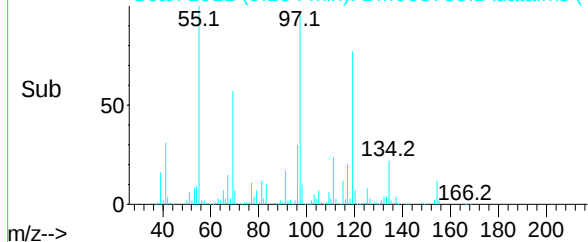
Abundance Scan 1011 (9.184 min): BM033733.D\data.ms



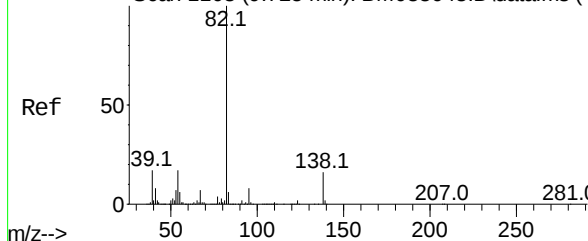
Abundance



Abundance Scan 1011 (9.184 min): BM033733.D\data.ms (-959) (-)



Abundance Scan 1103 (9.725 min): BM033643.D\data.ms (-1045) (-)



Isophorone

Concen: 2.121 ng

RT: 9.707 min Scan# 1100

Delta R.T. -0.006 min

Lab File: BM033733.D

Acq: 14 Jan 2022 18:13

Tgt Ion: 82 Resp: 42815

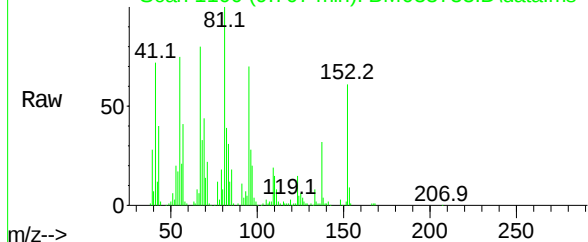
Ion Ratio Lower Upper

82 100

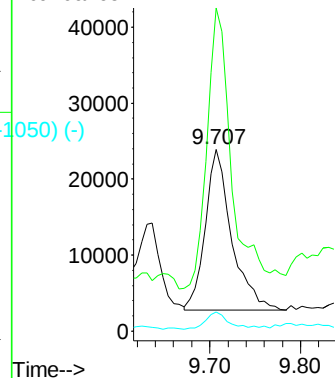
95 177.6 6.4 9.6#

138 10.7 12.4 18.6#

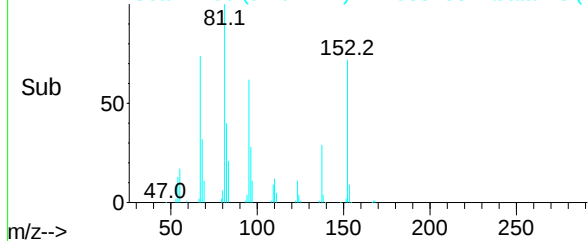
Abundance Scan 1100 (9.707 min): BM033733.D\data.ms

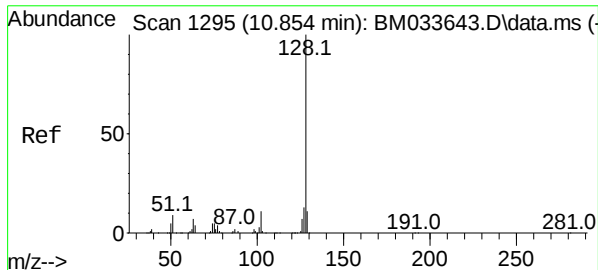


Abundance



Abundance Scan 1100 (9.707 min): BM033733.D\data.ms (-1050) (-)

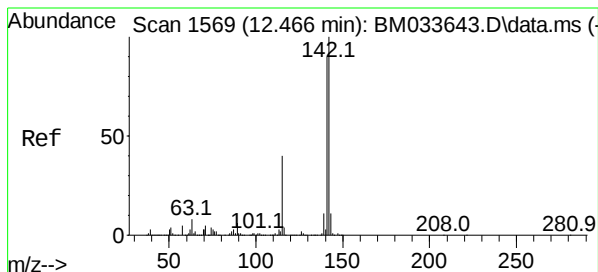
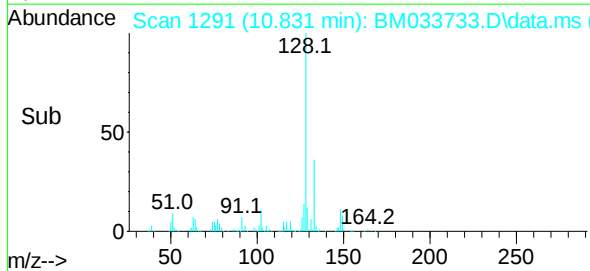
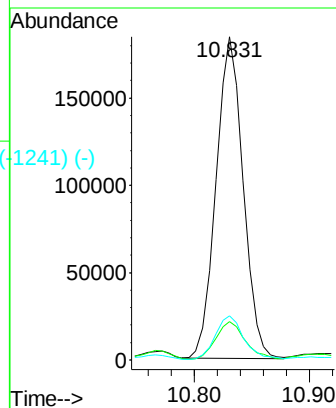
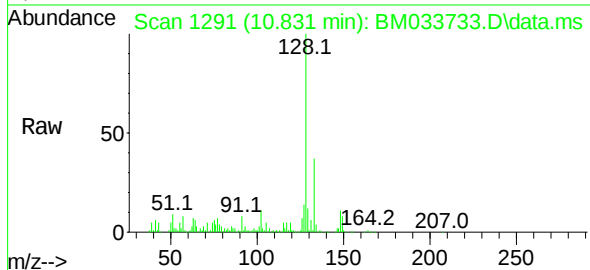




Naphthalene
 Concen: 9.566 ng
 RT: 10.831 min Scan# 1291
 Delta R.T. -0.006 min
 Lab File: BM033733.D
 Acq: 14 Jan 2022 18:13

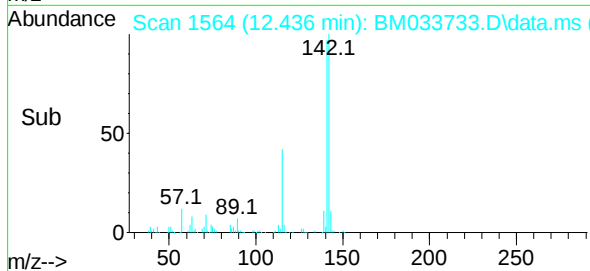
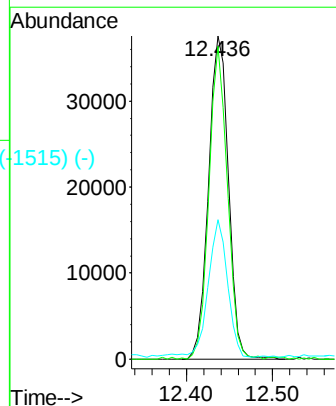
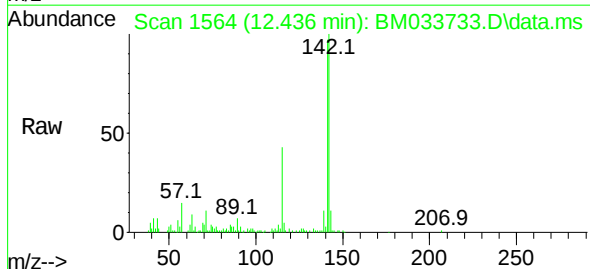
Instrument :
 BNA_M
 ClientSampleId :
 WEST-BOILER-ROOM-WEST-SIDEWALL

Tgt Ion:	128	Resp:	301732
Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.5	12.7
127	13.7	10.8	16.2

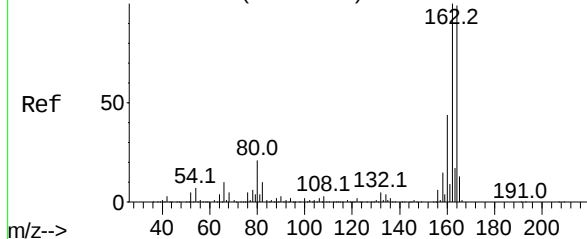


2-Methylnaphthalene
 Concen: 2.812 ng
 RT: 12.436 min Scan# 1564
 Delta R.T. -0.012 min
 Lab File: BM033733.D
 Acq: 14 Jan 2022 18:13

Tgt Ion:	142	Resp:	59930
Ion	Ratio	Lower	Upper
142	100		
141	96.8	72.2	108.2
115	43.2	33.0	49.6



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: BM033733.D

Acq: 14 Jan 2022 18:13

Instrument :

BNA_M

ClientSampleId :

WEST-BOILER-ROOM-WEST-SIDEWALL

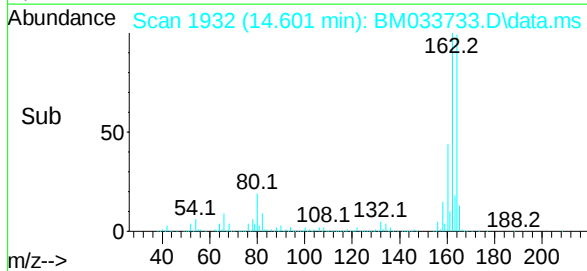
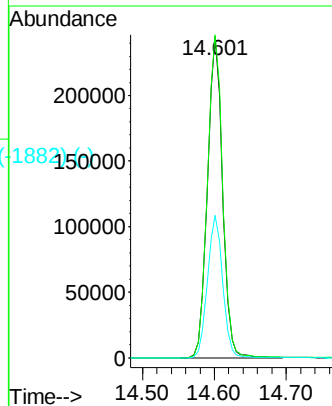
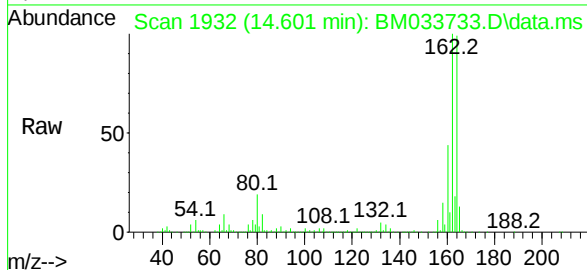
Tgt Ion:164 Resp: 357246

Ion Ratio Lower Upper

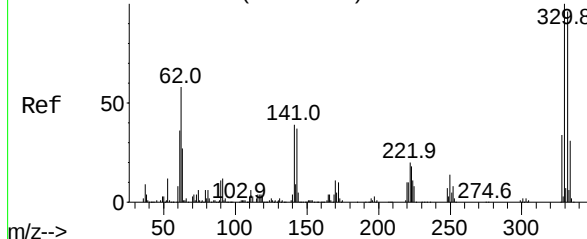
164 100

162 100.7 79.7 119.5

160 44.4 34.2 51.4



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



2,4,6-Tribromophenol

Concen: 119.316 ng

RT: 16.083 min Scan# 2184

Delta R.T. -0.006 min

Lab File: BM033733.D

Acq: 14 Jan 2022 18:13

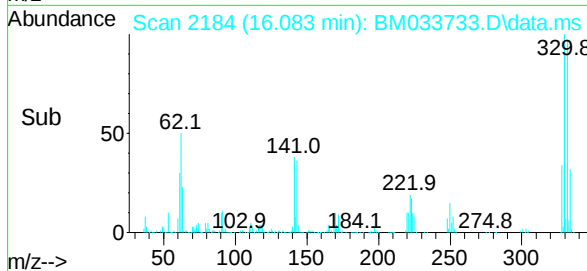
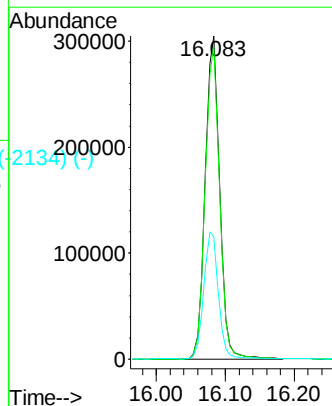
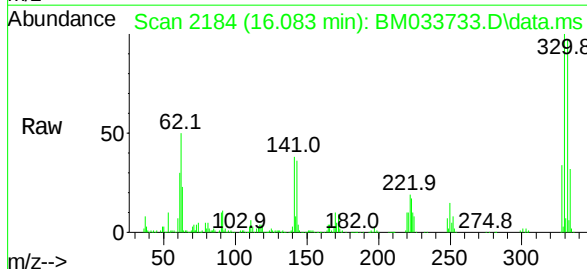
Tgt Ion:330 Resp: 445208

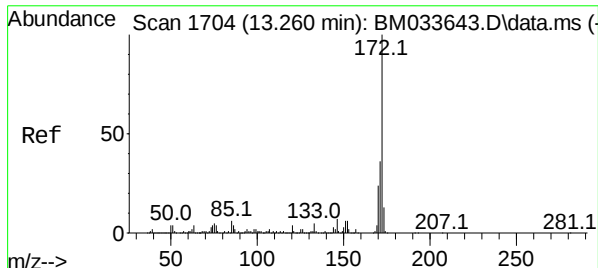
Ion Ratio Lower Upper

330 100

332 97.3 76.5 114.7

141 39.7 35.9 53.9



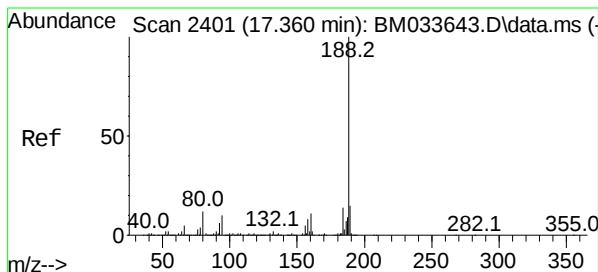
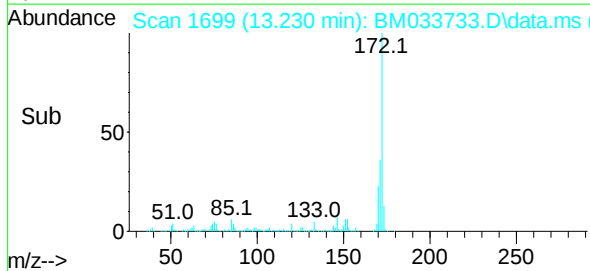
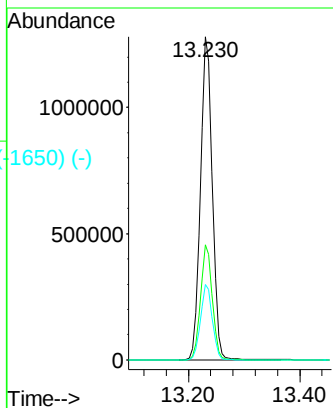
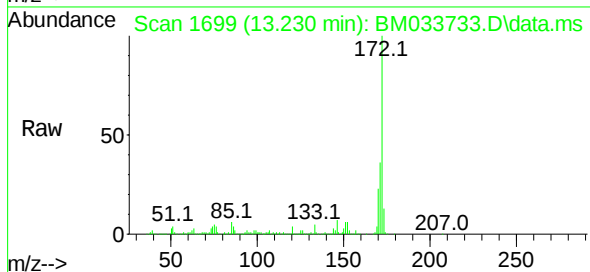


Scan 1704 (13.260 min): BM033643.D\data.ms (-1645) (-)
 2-Fluorobiphenyl
 Concen: 69.394 ng
 RT: 13.230 min Scan# 1699
 Delta R.T. -0.012 min
 Lab File: BM033733.D
 Acq: 14 Jan 2022 18:13

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

Tgt Ion:172 Resp: 1892737

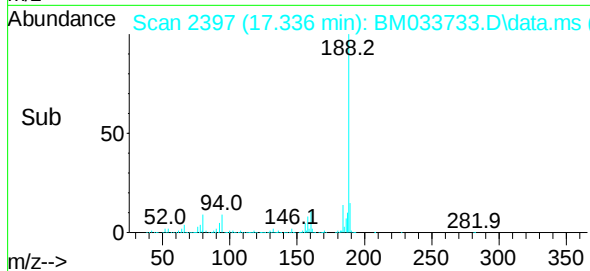
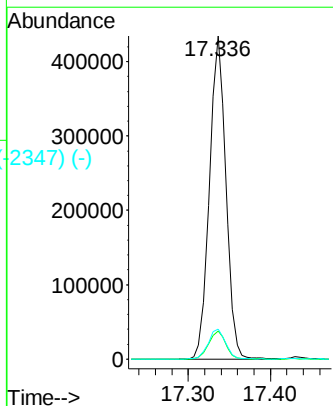
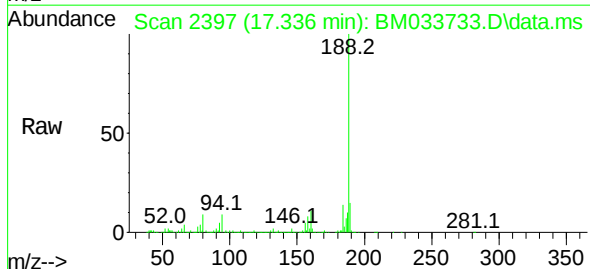
Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.2	40.8
170	23.4	18.7	28.1



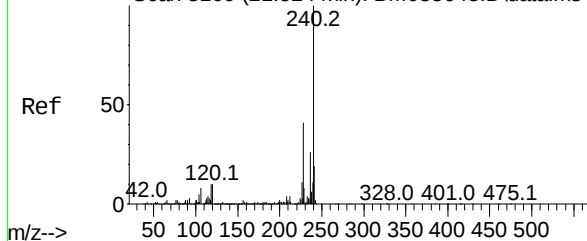
Scan 2401 (17.360 min): BM033643.D\data.ms (-2464) (-)
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.336 min Scan# 2397
 Delta R.T. -0.006 min
 Lab File: BM033733.D
 Acq: 14 Jan 2022 18:13

Tgt Ion:188 Resp: 606907

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	9.3	8.9	13.3



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



Chrysene-d12

Concen: 20.000 ng

RT: 21.501 min Scan#

Delta R.T. -0.006 min

Lab File: BM033733.D

Acq: 14 Jan 2022 18:13

Instrument :

BNA_M

ClientSampleId :

WEST-BOILER-ROOM-WEST-SIDEWALL

Tgt Ion:240 Resp: 595268

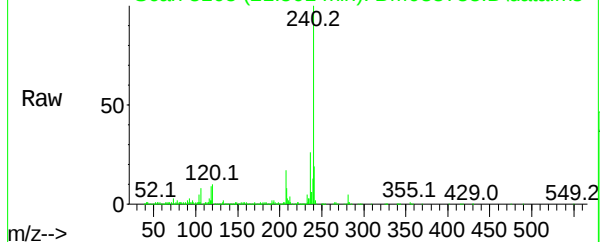
Ion Ratio Lower Upper

240 100

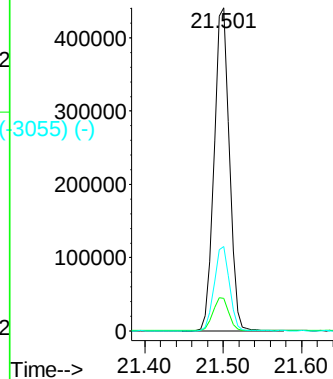
120 10.0 7.8 11.6

236 26.1 20.3 30.5

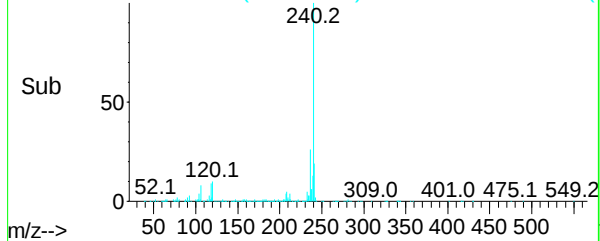
Abundance Scan 3105 (21.501 min): BM033733.D\data.ms



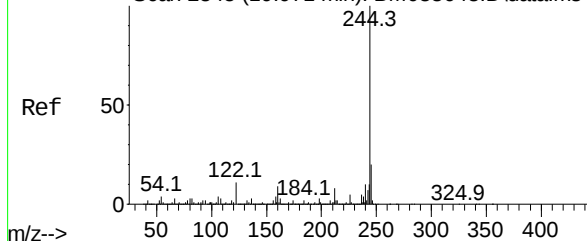
Abundance



Abundance Scan 3105 (21.501 min): BM033733.D\data.ms (-3055) (-)



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



Terphenyl-d14

Concen: 60.948 ng

RT: 19.948 min Scan# 2841

Delta R.T. -0.012 min

Lab File: BM033733.D

Acq: 14 Jan 2022 18:13

Tgt Ion:244 Resp: 2015577

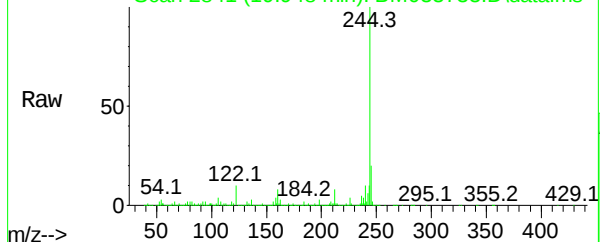
Ion Ratio Lower Upper

244 100

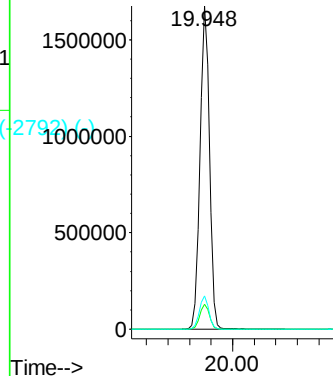
212 7.7 5.9 8.9

122 10.2 8.4 12.6

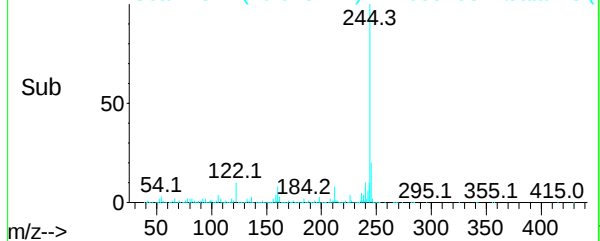
Abundance Scan 2841 (19.948 min): BM033733.D\data.ms

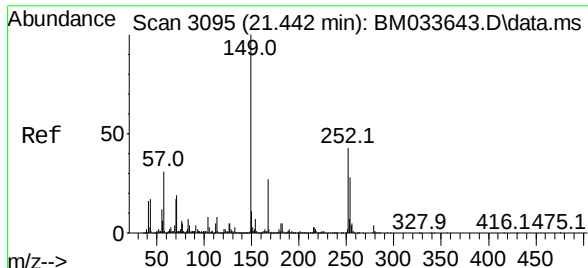


Abundance



Abundance Scan 2841 (19.948 min): BM033733.D\data.ms (-2792) (-)

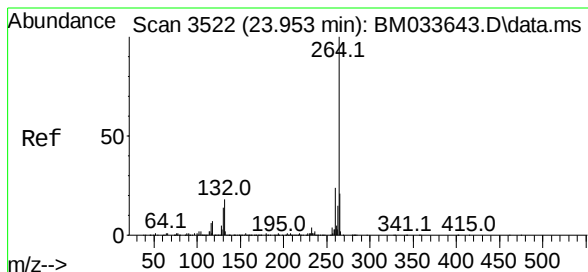
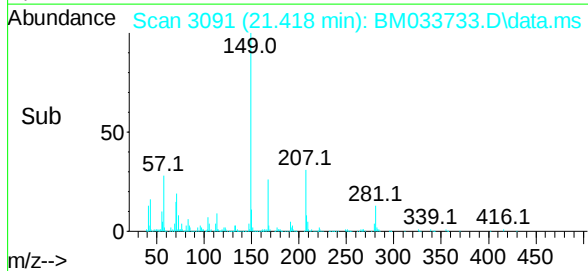
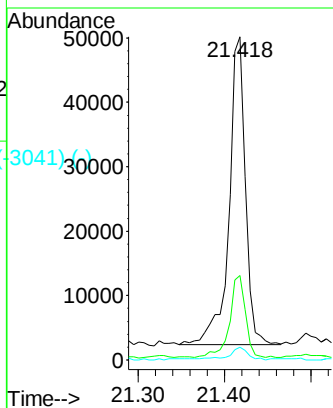
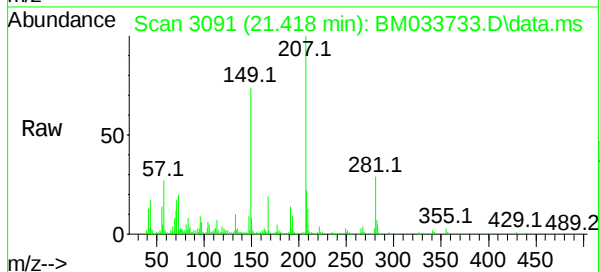




Bis(2-ethylhexyl)phthalate
 Concen: 2.233 ng
 RT: 21.418 min Scan# 3091
 Delta R.T. -0.006 min
 Lab File: BM033733.D
 Acq: 14 Jan 2022 18:13

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

Tgt Ion:	149	Resp:	63674
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.4	32.0
279	3.9	3.0	4.6



Perylene-d12
 Concen: 20.000 ng
 RT: 23.912 min Scan# 3515
 Delta R.T. -0.017 min
 Lab File: BM033733.D
 Acq: 14 Jan 2022 18:13

Tgt Ion:	264	Resp:	649865
Ion Ratio	Lower	Upper	
264	100		
260	24.1	17.7	26.5
265	22.0	17.7	26.5

