

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
 Data File : BM033730.D
 Acq On : 14 Jan 2022 16:25
 Operator : CG/JU
 Sample : N1143-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jan 17 00:25:54 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)

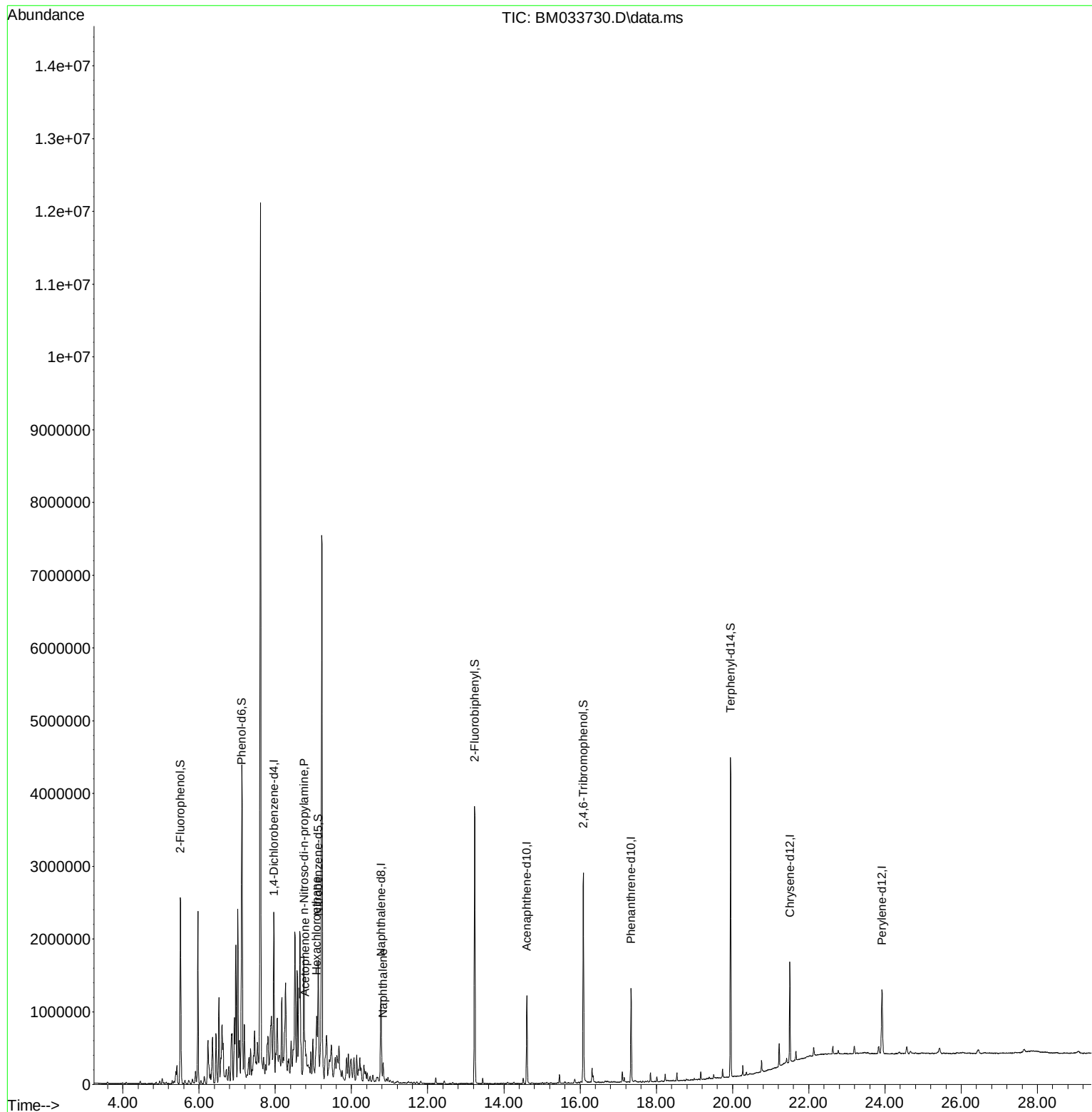
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	148813	20.000	ng	0.00
21) Naphthalene-d8	10.778	136	623560	20.000	ng	-0.01
39) Acenaphthene-d10	14.601	164	404046	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	731494	20.000	ng	0.00
76) Chrysene-d12	21.500	240	601963	20.000	ng	0.00
86) Perylene-d12	23.918	264	650452	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	997960	105.765	ng	0.00
7) Phenol-d6	7.119	99	1255192	98.702	ng	0.00
23) Nitrobenzene-d5	9.131	82	860778	63.752	ng	0.00
42) 2,4,6-Tribromophenol	16.083	330	511146	121.121	ng	0.00
45) 2-Fluorobiphenyl	13.230	172	1908253	61.859	ng	-0.01
79) Terphenyl-d14	19.948	244	1962523	58.683	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.113	77	20059	Below Cal	#	1
18) Hexachloroethane	9.084	117	45156	10.105	ng	# 1
19) n-Nitroso-di-n-propyla...	8.754	70	46092	5.547	ng	# 37
22) Acetophenone	8.784	105	238260	14.247	ng	# 52
31) Naphthalene	10.831	128	164597	4.816	ng	98

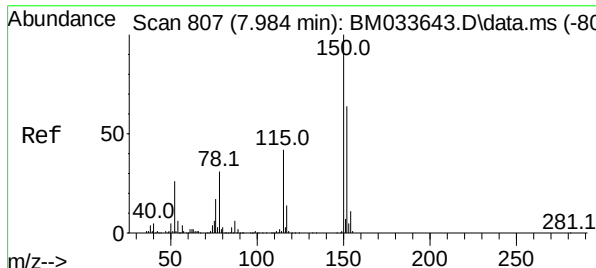
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 13 07:49:01 2022
Response via : Initial Calibration

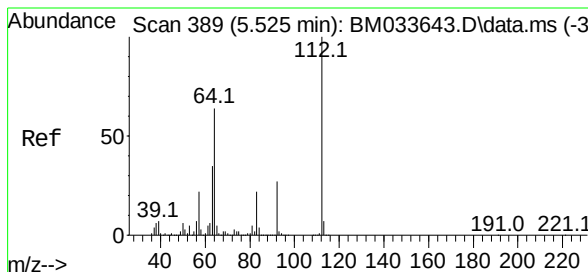
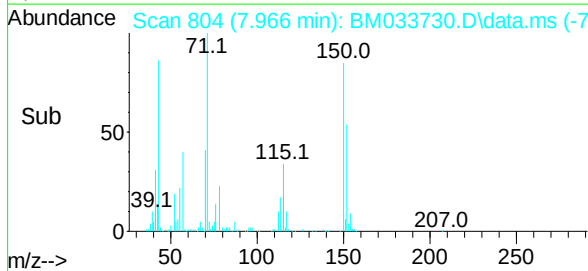
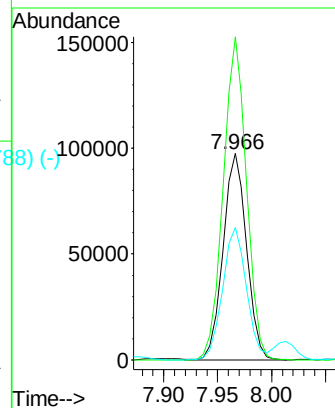
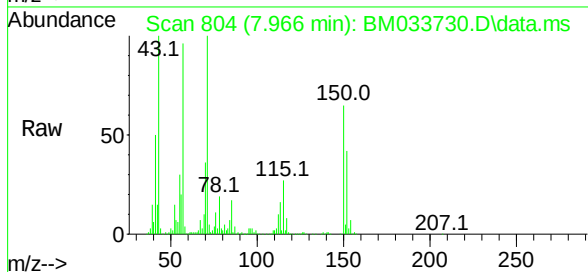




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.966 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BM033730.D
 Acq: 14 Jan 2022 16:25

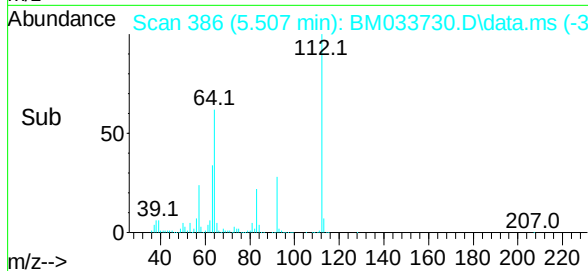
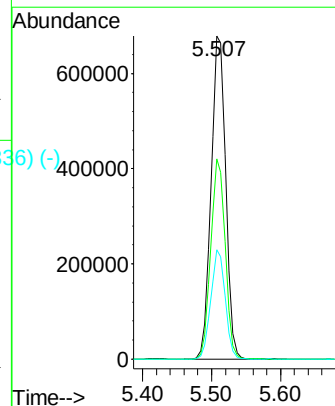
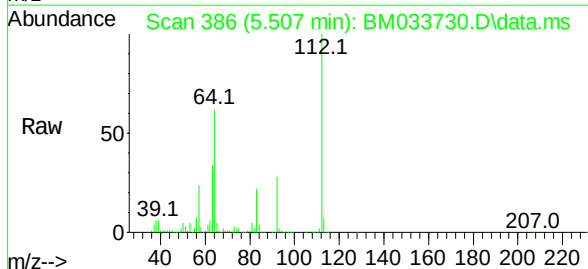
Instrument :
 BNA_M
 ClientSampleId :
 WEST-BOILER-ROOM-BOTTOM

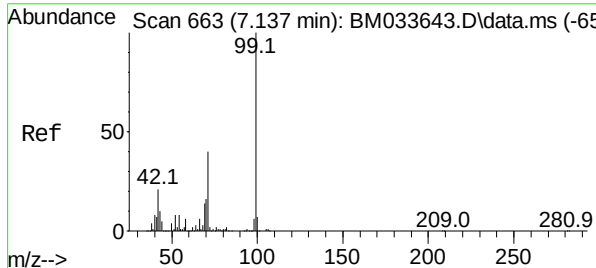
Tgt Ion:	152	Resp:	148813
Ion	Ratio	Lower	Upper
152	100		
150	156.5	128.9	193.3
115	64.3	53.0	79.6



2-Fluorophenol
 Concen: 105.765 ng
 RT: 5.507 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: BM033730.D
 Acq: 14 Jan 2022 16:25

Tgt Ion:	112	Resp:	997960
Ion	Ratio	Lower	Upper
112	100		
64	61.9	55.5	83.3
63	33.8	31.3	46.9





Phenol-d6

Concen: 98.702 ng

RT: 7.119 min Scan#

Delta R.T. -0.006 min

Lab File: BM033730.D

Acq: 14 Jan 2022 16:25

Instrument :

BNA_M

ClientSampleId :

WEST-BOILER-ROOM-BOTTOM

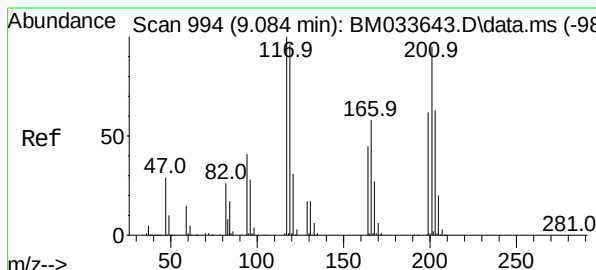
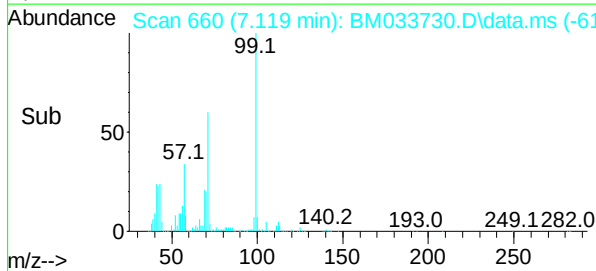
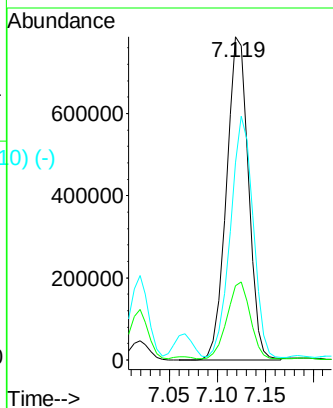
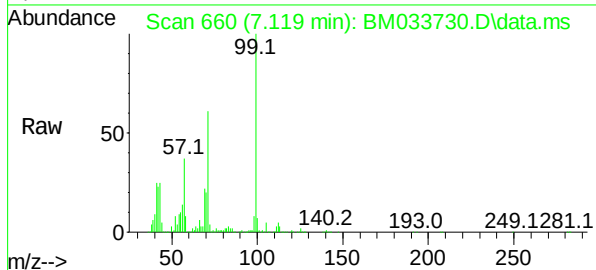
Tgt Ion: 99 Resp: 1255192

Ion Ratio Lower Upper

99 100

42 22.9 20.3 30.5

71 61.1 34.5 51.7#



Hexachloroethane

Concen: 10.105 ng

RT: 9.084 min Scan# 994

Delta R.T. 0.018 min

Lab File: BM033730.D

Acq: 14 Jan 2022 16:25

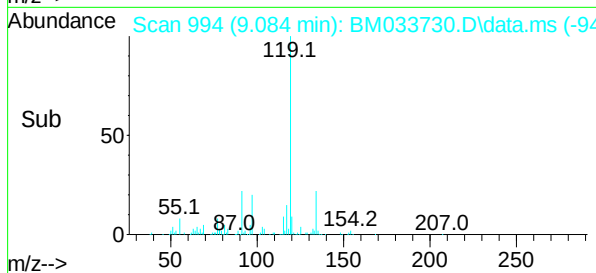
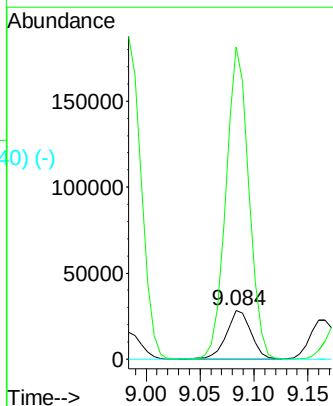
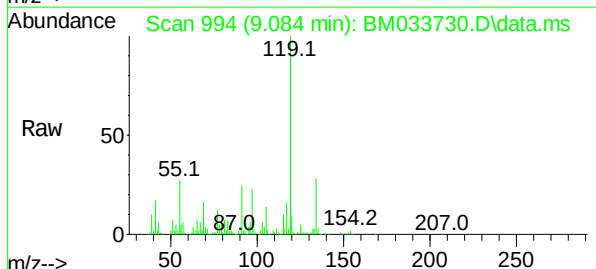
Tgt Ion: 117 Resp: 45156

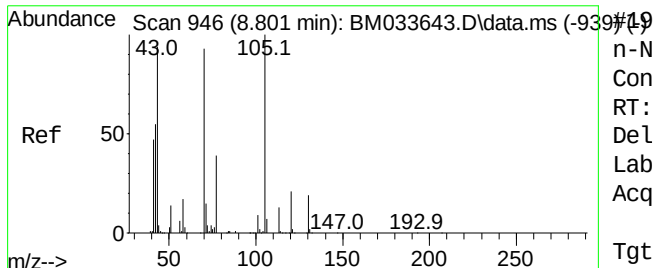
Ion Ratio Lower Upper

117 100

119 642.5 75.0 112.6#

201 0.0 75.2 112.8#

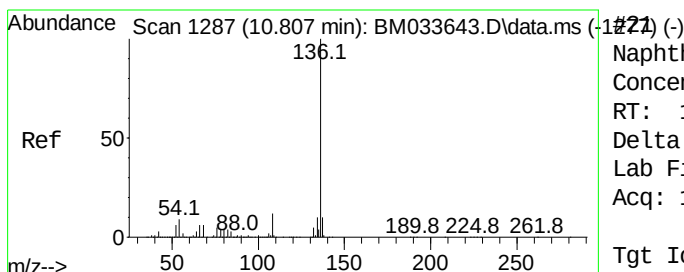
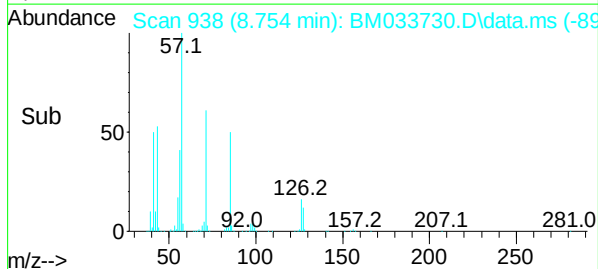
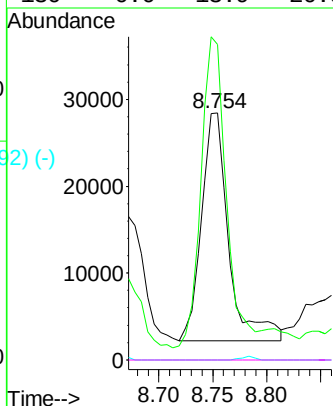
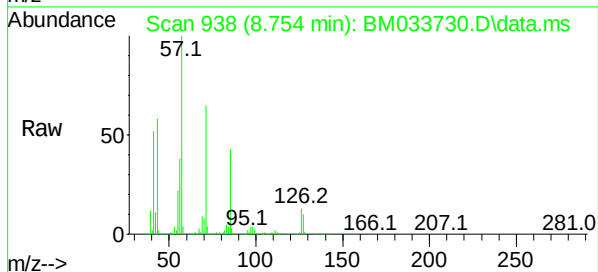




#19
n-Nitroso-di-n-propylamine
Concen: 5.547 ng
RT: 8.754 min Scan# 938
Delta R.T. -0.029 min
Lab File: BM033730.D
Acq: 14 Jan 2022 16:25

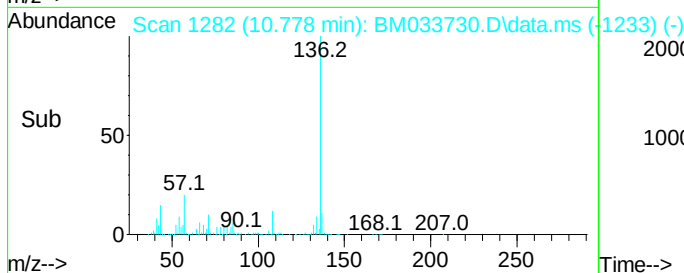
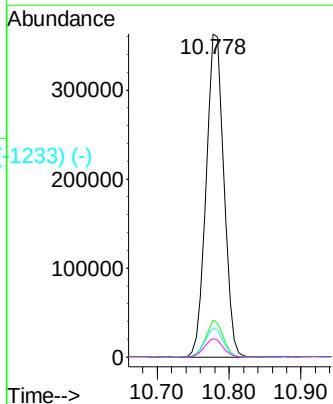
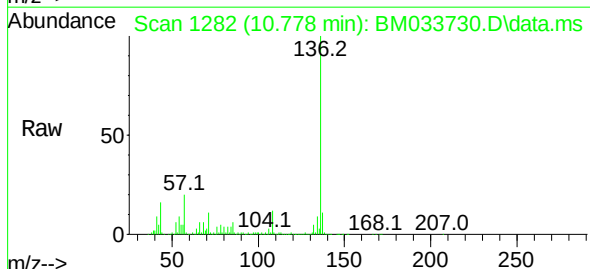
Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

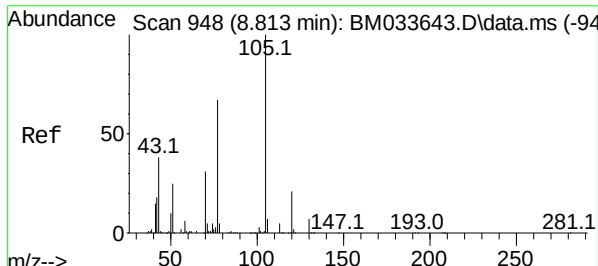
Tgt Ion:	70	Resp:	46092
Ion	Ratio	Lower	Upper
70	100		
42	127.7	54.1	81.1#
101	0.0	7.8	11.6#
130	0.0	13.9	20.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.778 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BM033730.D
Acq: 14 Jan 2022 16:25

Tgt Ion:	136	Resp:	623560
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	8.9	8.3	12.5
68	5.6	5.0	7.6





Acetophenone

Concen: 14.247 ng

RT: 8.784 min Scan# 943

Delta R.T. -0.012 min

Lab File: BM033730.D

Acq: 14 Jan 2022 16:25

Instrument :

BNA_M

ClientSampleId :

WEST-BOILER-ROOM-BOTTOM

Tgt Ion:105 Resp: 238260

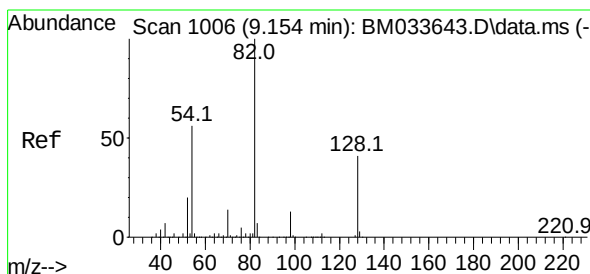
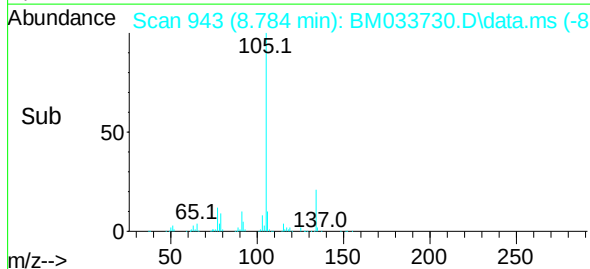
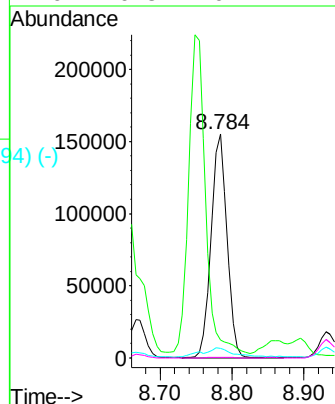
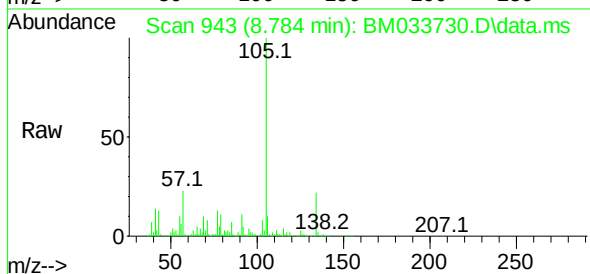
Ion Ratio Lower Upper

105 100

71 8.1 1.6 2.4#

51 4.3 27.7 41.5#

120 0.3 16.2 24.2#



Nitrobenzene-d5

Concen: 63.752 ng

RT: 9.131 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BM033730.D

Acq: 14 Jan 2022 16:25

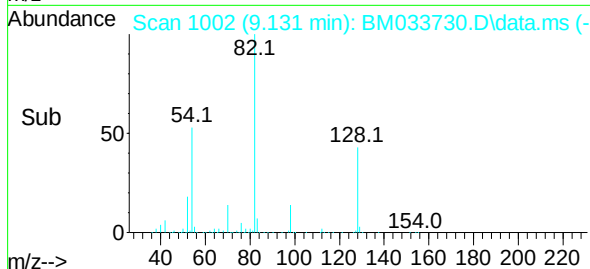
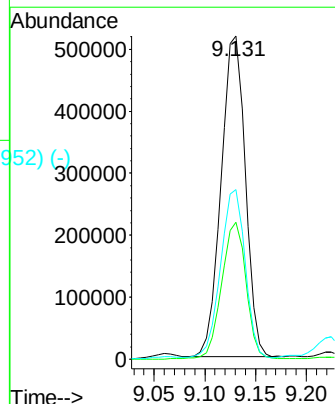
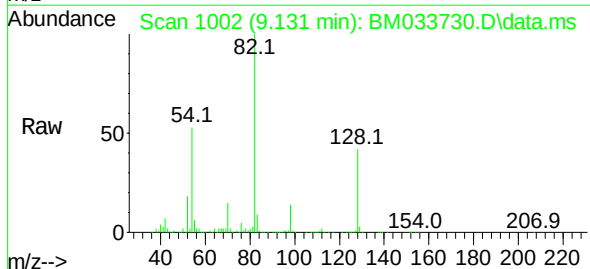
Tgt Ion: 82 Resp: 860778

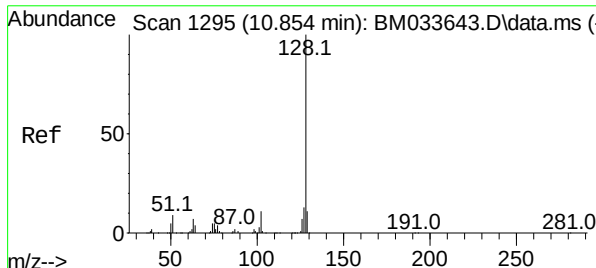
Ion Ratio Lower Upper

82 100

128 42.3 28.1 42.1#

54 52.5 46.1 69.1

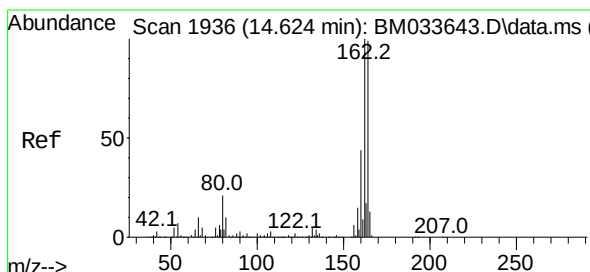
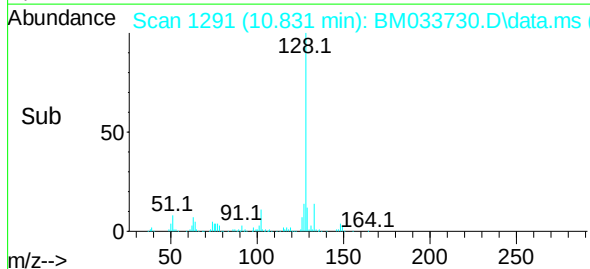
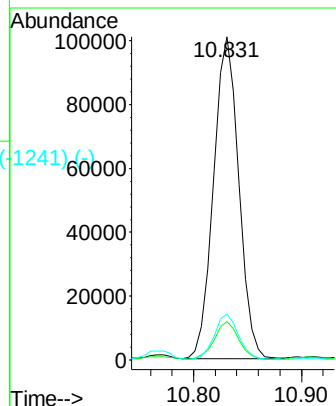
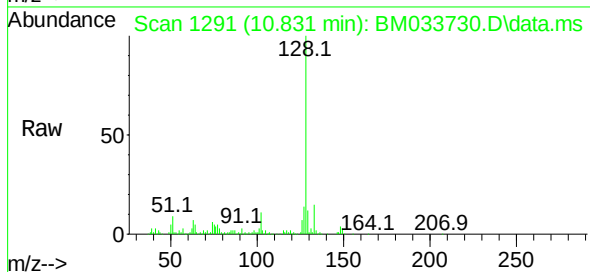




Naphthalene
 Concen: 4.816 ng
 RT: 10.831 min Scan# 1291
 Delta R.T. -0.006 min
 Lab File: BM033730.D
 Acq: 14 Jan 2022 16:25

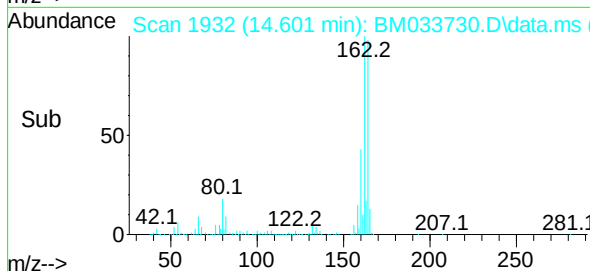
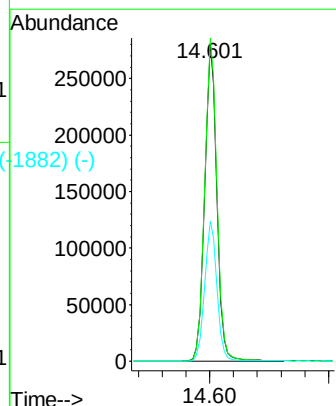
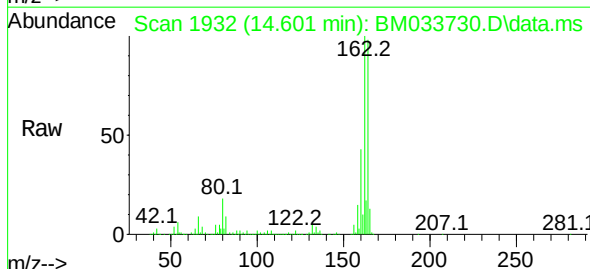
Instrument :
 BNA_M
 ClientSampleId :
 WEST-BOILER-ROOM-BOTTOM

Tgt Ion:	128	Resp:	164597
Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.5	12.7
127	14.2	10.8	16.2



Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.601 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BM033730.D
 Acq: 14 Jan 2022 16:25

Tgt Ion:	164	Resp:	404046
Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.7	119.5
160	44.2	34.2	51.4



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

2,4,6-Tribromophenol

Concen: 121.121 ng

RT: 16.083 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BM033730.D

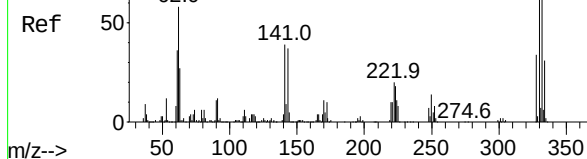
Acq: 14 Jan 2022 16:25

Instrument :

BNA_M

ClientSampleId :

WEST-BOILER-ROOM-BOTTOM



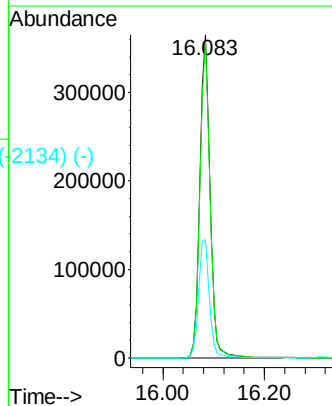
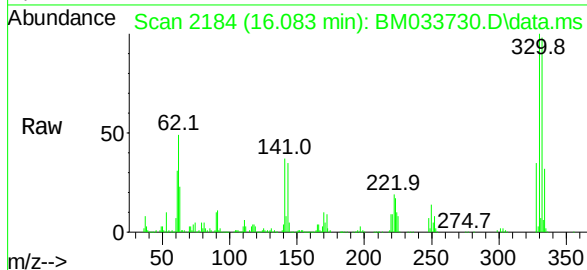
Tgt Ion:330 Resp: 511146

Ion Ratio Lower Upper

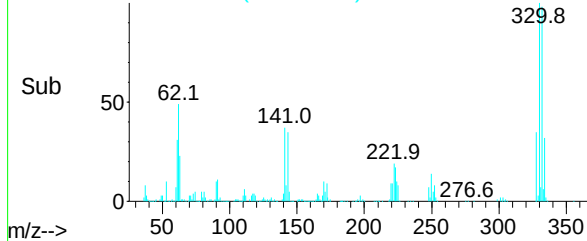
330 100

332 97.0 76.5 114.7

141 39.1 35.9 53.9



Abundance Scan 2184 (16.083 min): BM033730.D\data.ms (-2134) (-)



Abundance Scan 1704 (13.260 min): BM033643.D\data.ms (-1695) (-)

2-Fluorobiphenyl

Concen: 61.859 ng

RT: 13.230 min Scan# 1699

Delta R.T. -0.012 min

Lab File: BM033730.D

Acq: 14 Jan 2022 16:25

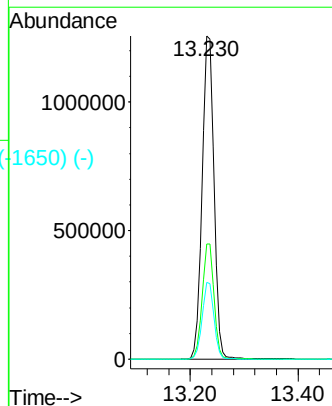
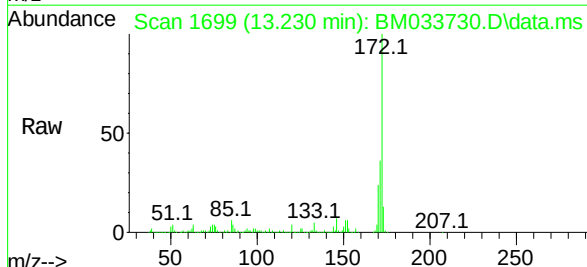
Tgt Ion:172 Resp: 1908253

Ion Ratio Lower Upper

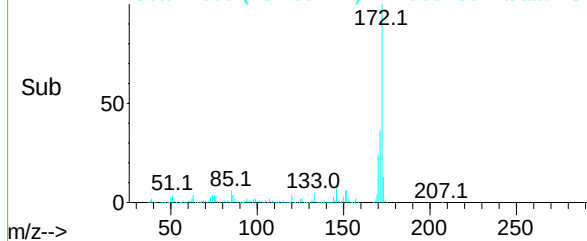
172 100

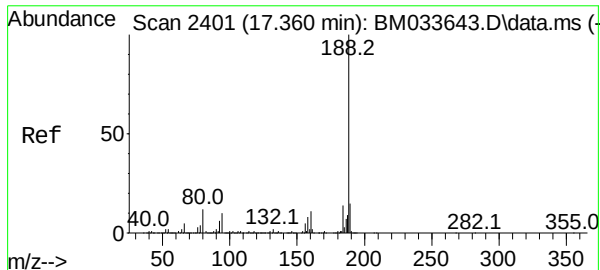
171 35.7 27.2 40.8

170 23.8 18.7 28.1



Abundance Scan 1699 (13.230 min): BM033730.D\data.ms (-1650) (-)

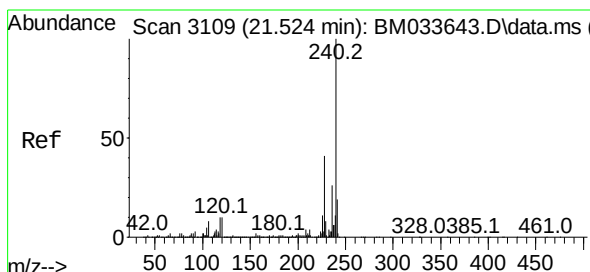
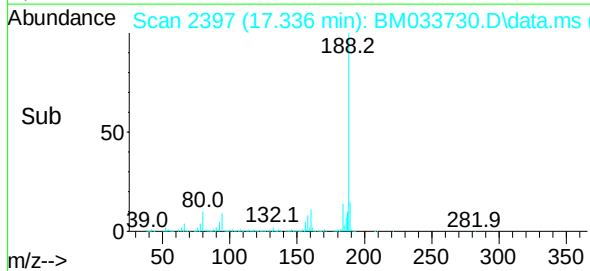
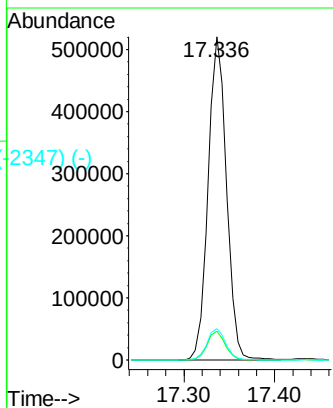
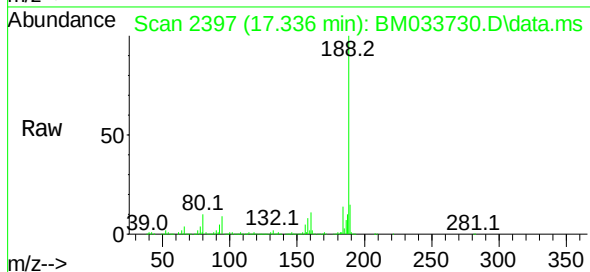




Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.336 min Scan# 2397
 Delta R.T. -0.006 min
 Lab File: BM033730.D
 Acq: 14 Jan 2022 16:25

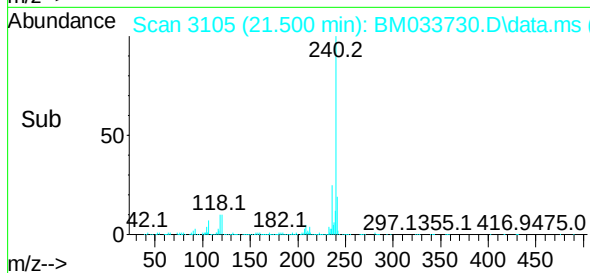
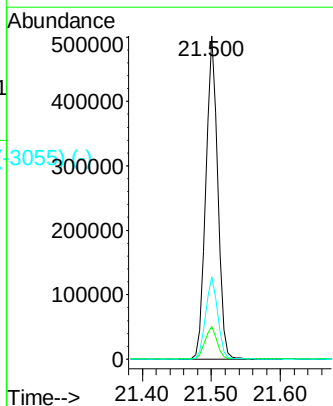
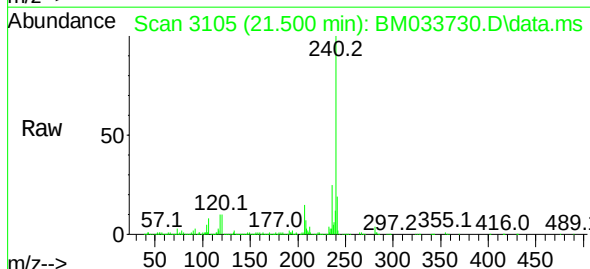
Instrument :
 BNA_M
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 WEST-BOILER-ROOM-BOTTOM

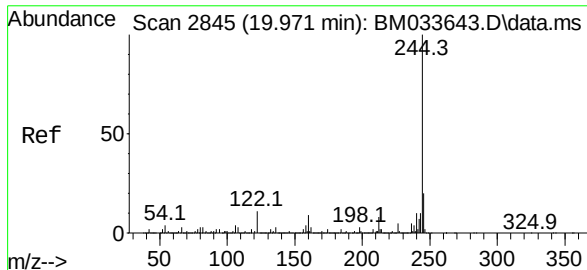
Tgt Ion:	188	Resp:	731494
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.5	11.3
80	9.7	8.9	13.3



Chrysene-d12
 Concen: 20.000 ng
 RT: 21.500 min Scan# 3105
 Delta R.T. -0.006 min
 Lab File: BM033730.D
 Acq: 14 Jan 2022 16:25

Tgt Ion:	240	Resp:	601963
Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.8	11.6
236	25.4	20.3	30.5





Terphenyl-d14

Concen: 58.683 ng

RT: 19.948 min Scan# 2841

Delta R.T. -0.012 min

Lab File: BM033730.D

Acq: 14 Jan 2022 16:25

Instrument :

BNA_M

ClientSampleId :

WEST-BOILER-ROOM-BOTTOM

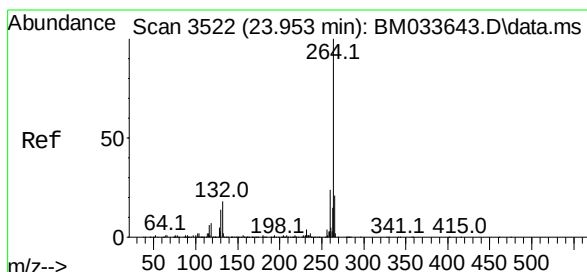
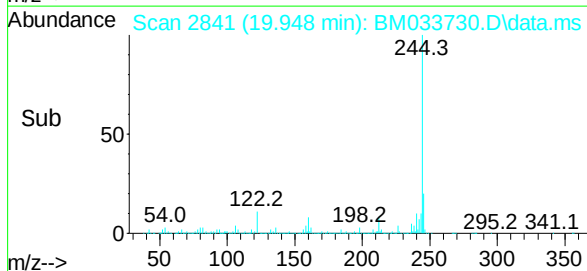
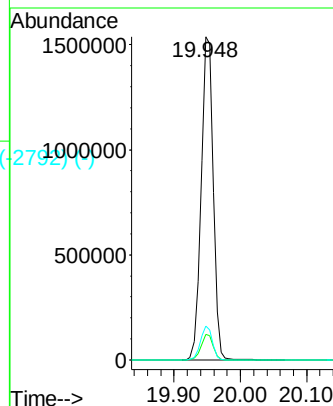
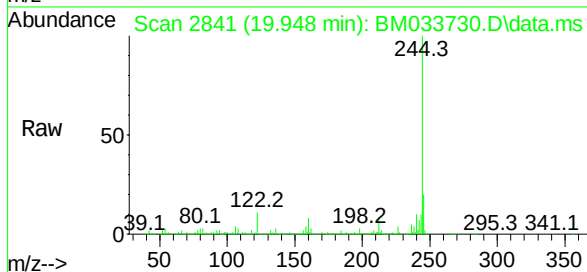
Tgt Ion:244 Resp: 1962523

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

122 10.5 8.4 12.6



Perylene-d12

Concen: 20.000 ng

RT: 23.918 min Scan# 3516

Delta R.T. -0.012 min

Lab File: BM033730.D

Acq: 14 Jan 2022 16:25

Tgt Ion:264 Resp: 650452

Ion Ratio Lower Upper

264 100

260 24.1 17.7 26.5

265 22.0 17.7 26.5

