

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041333.D
 Acq On : 08 Aug 2023 17:58
 Operator : MA/JU
 Sample : 03929-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 09 01:18:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

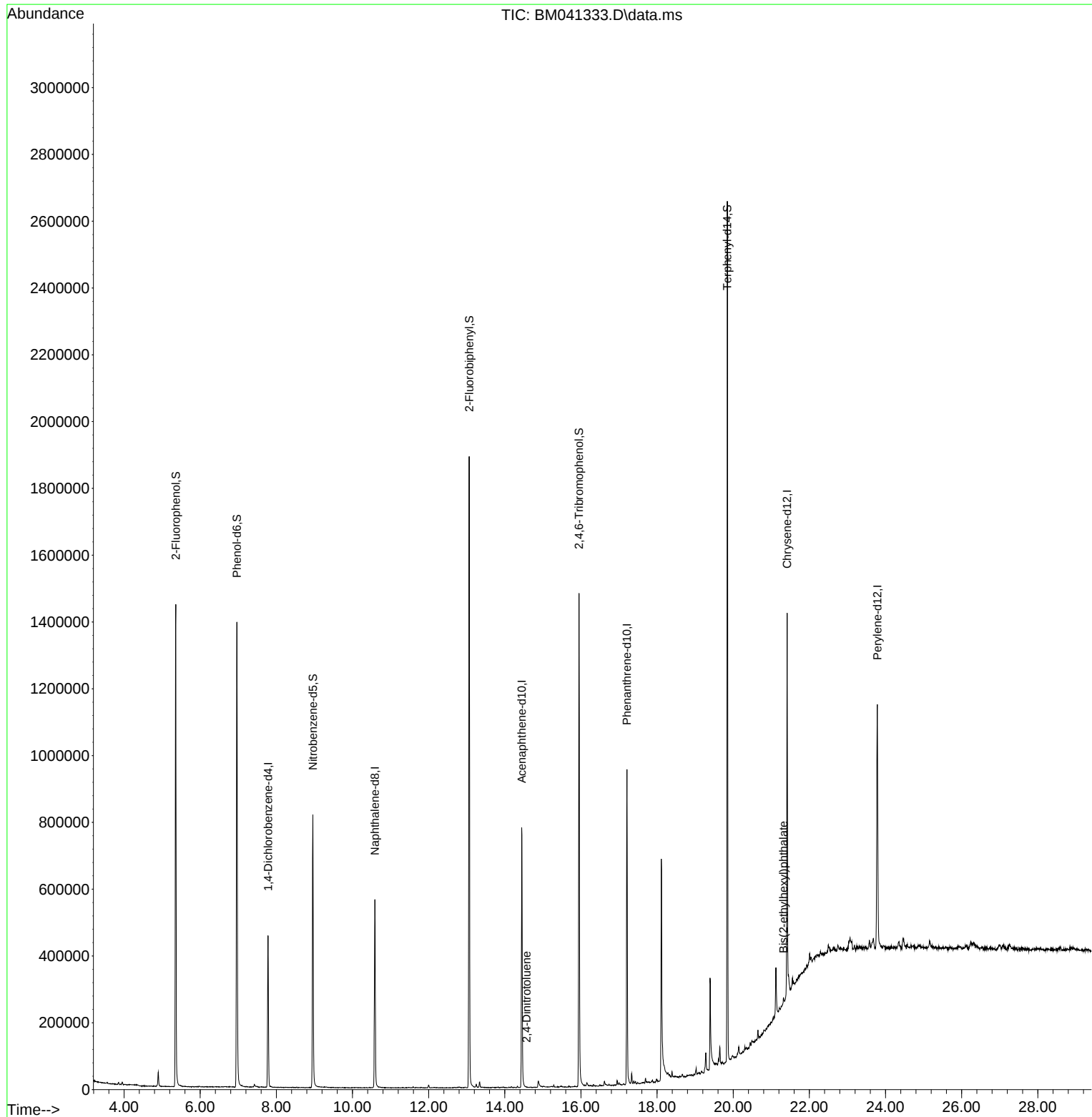
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	116227	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	457094	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	270761	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	550498	20.000	ng	0.00
76) Chrysene-d12	21.415	240	500004	20.000	ng	0.00
86) Perylene-d12	23.785	264	562691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	590847	75.978	ng	0.00
7) Phenol-d6	6.963	99	762577	75.651	ng	0.00
23) Nitrobenzene-d5	8.957	82	478765	48.709	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	275239	71.868	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	938993	43.809	ng	0.00
79) Terphenyl-d14	19.845	244	1154338	41.742	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	14.568	165	61	2.680	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.321	149	5685	2.805	ng	# 91

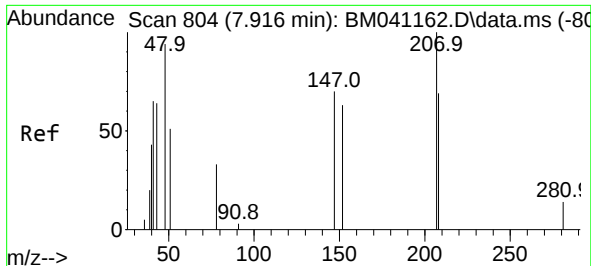
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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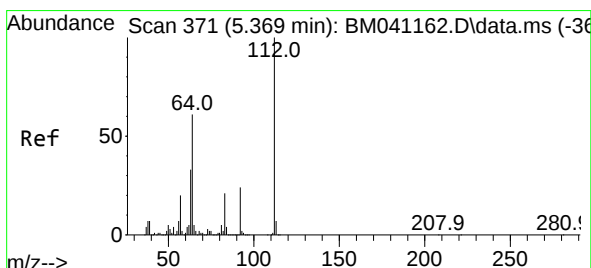
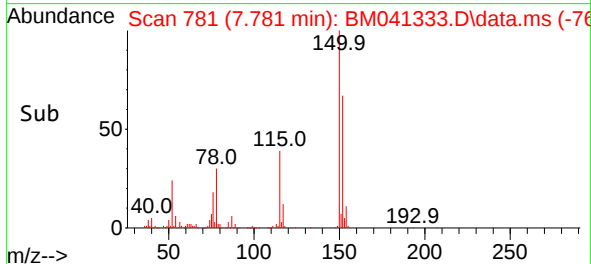
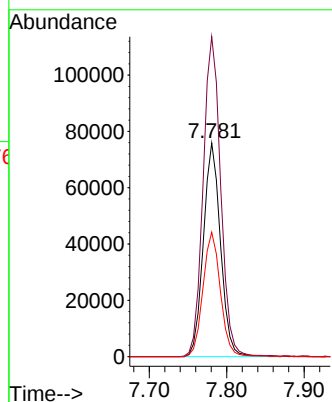
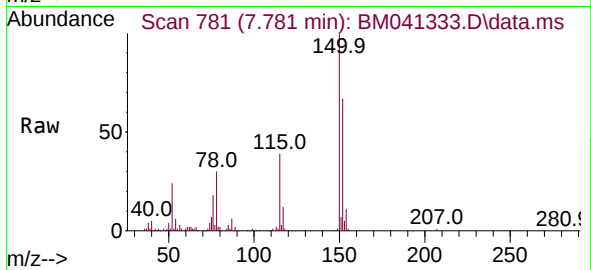




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 781
Delta R.T. -0.006 min
Lab File: BM041333.D
Acq: 08 Aug 2023 17:58

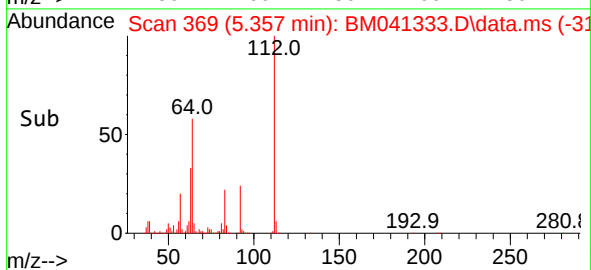
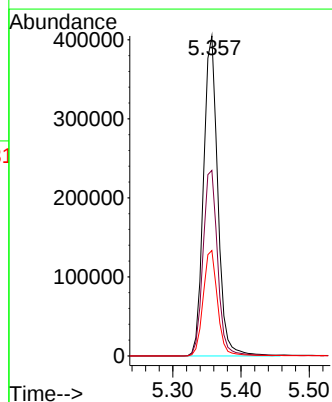
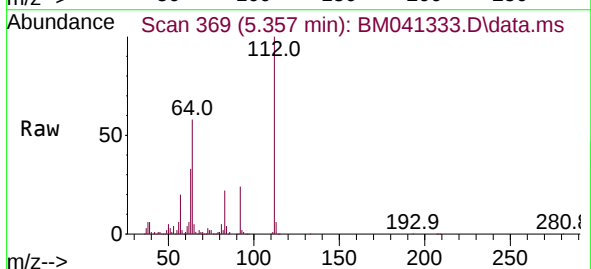
Instrument :
BNA_M
ClientSampleId :

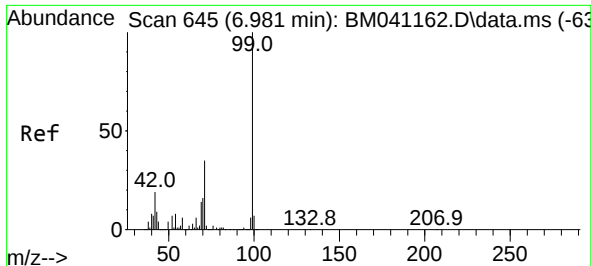
Tgt Ion:152 Resp: 116227
Ion Ratio Lower Upper
152 100
150 149.7 125.5 188.3
115 58.2 48.0 72.0



#5
2-Fluorophenol
Concen: 75.978 ng
RT: 5.357 min Scan# 369
Delta R.T. -0.000 min
Lab File: BM041333.D
Acq: 08 Aug 2023 17:58

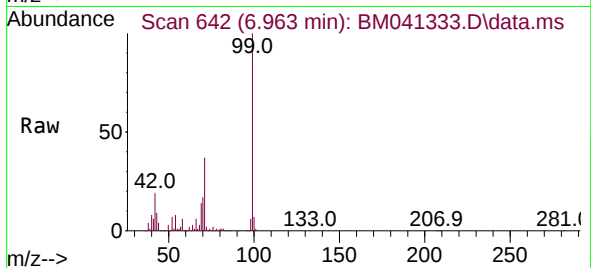
Tgt Ion:112 Resp: 590847
Ion Ratio Lower Upper
112 100
64 58.0 48.5 72.7
63 32.9 26.5 39.7



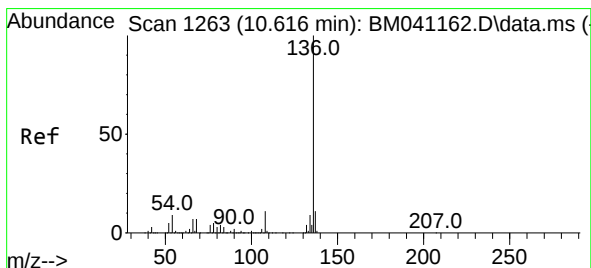
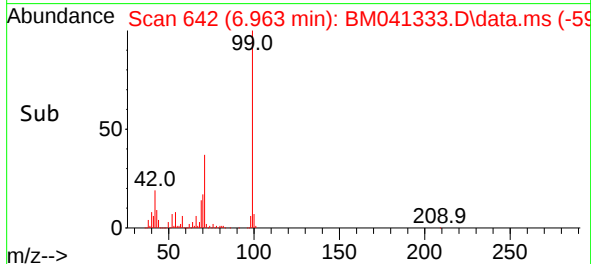
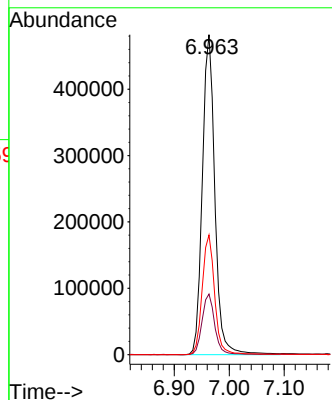


#7
Phenol-d6
Concen: 75.651 ng
RT: 6.963 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041333.D
Acq: 08 Aug 2023 17:58

Instrument :
BNA_M
ClientSampleId :

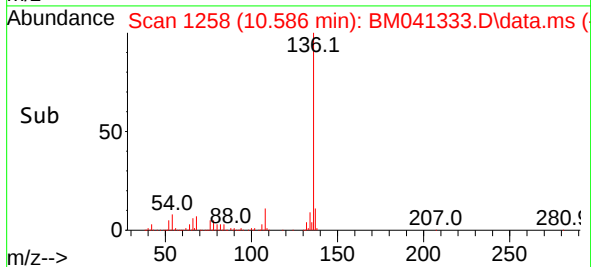
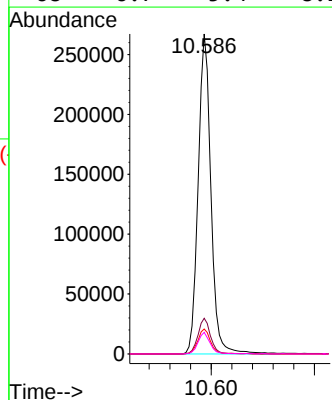
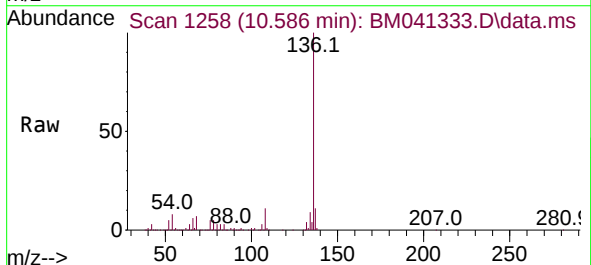


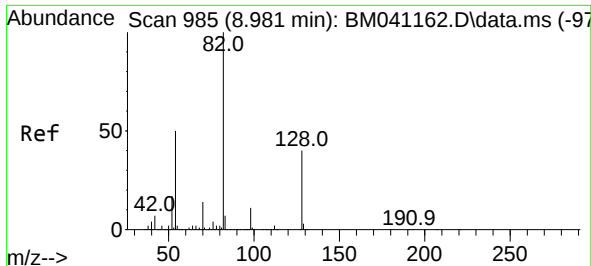
Tgt Ion: 99 Resp: 762577
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.0
71 37.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BM041333.D
Acq: 08 Aug 2023 17:58

Tgt Ion: 136 Resp: 457094
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.8 6.9 10.3
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 48.709 ng

RT: 8.957 min Scan# 981

Delta R.T. -0.006 min

Lab File: BM041333.D

Acq: 08 Aug 2023 17:58

Instrument :

BNA_M

ClientSampleId :

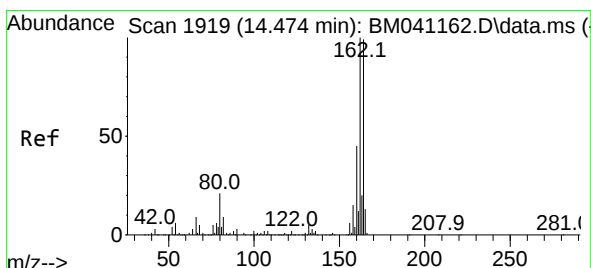
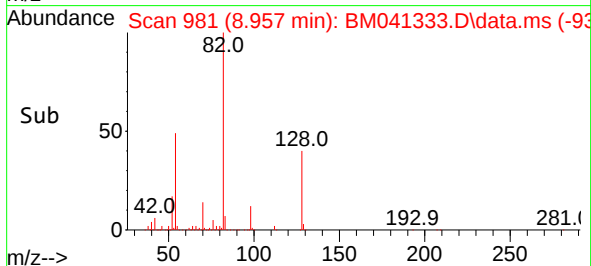
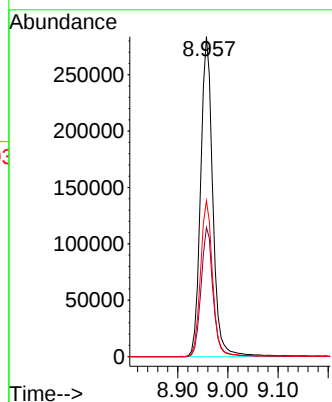
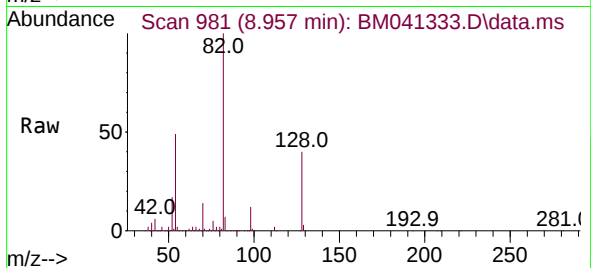
Tgt Ion: 82 Resp: 478765

Ion Ratio Lower Upper

82 100

128 40.4 31.8 47.6

54 48.7 40.1 60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1914

Delta R.T. -0.006 min

Lab File: BM041333.D

Acq: 08 Aug 2023 17:58

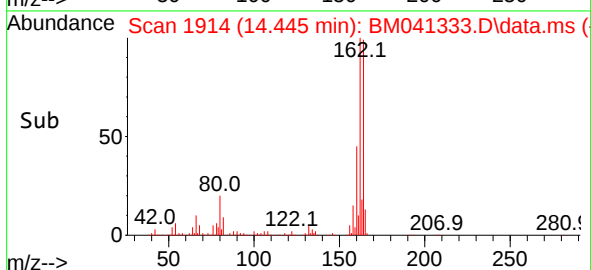
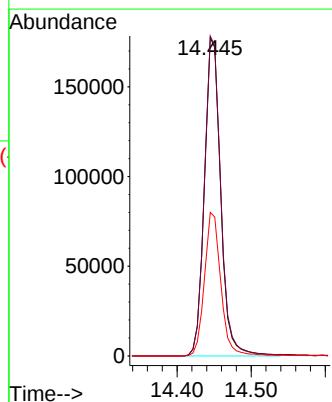
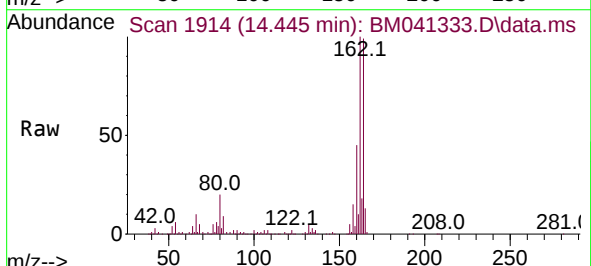
Tgt Ion: 164 Resp: 270761

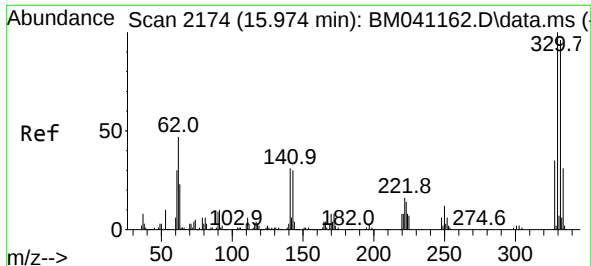
Ion Ratio Lower Upper

164 100

162 100.6 80.4 120.6

160 45.1 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 71.868 ng

RT: 15.951 min Scan# 21

Delta R.T. -0.006 min

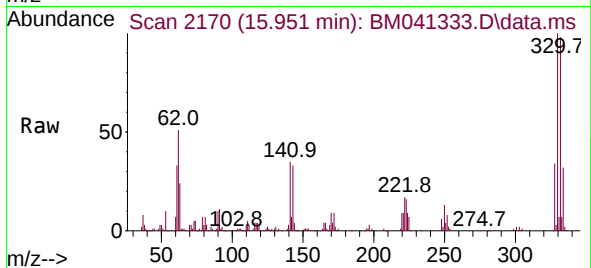
Lab File: BM041333.D

Acq: 08 Aug 2023 17:58

Instrument :

BNA_M

ClientSampleId :



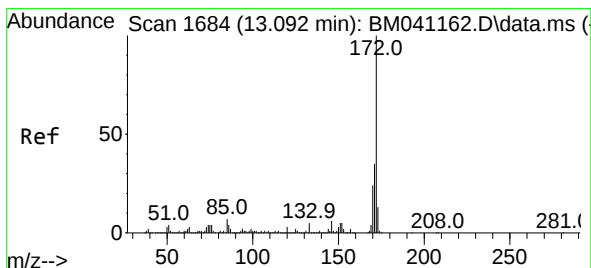
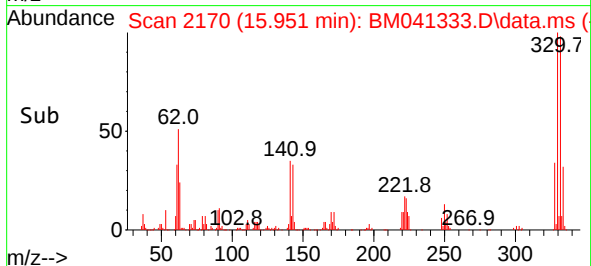
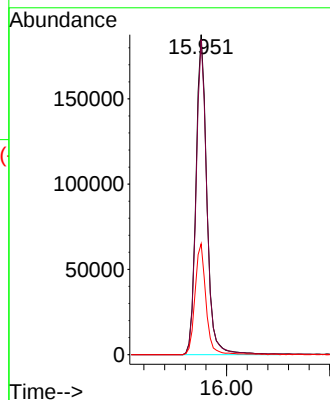
Tgt Ion:330 Resp: 275239

Ion Ratio Lower Upper

330 100

332 97.4 77.7 116.5

141 34.8 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 43.809 ng

RT: 13.063 min Scan# 1679

Delta R.T. -0.006 min

Lab File: BM041333.D

Acq: 08 Aug 2023 17:58

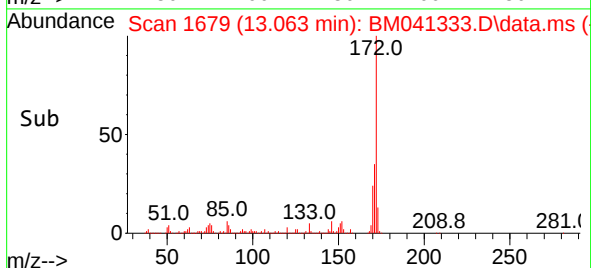
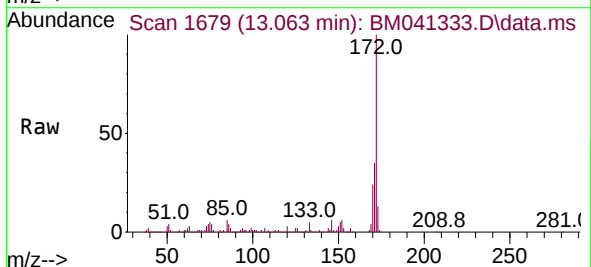
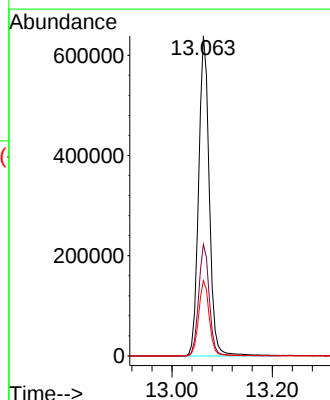
Tgt Ion:172 Resp: 938993

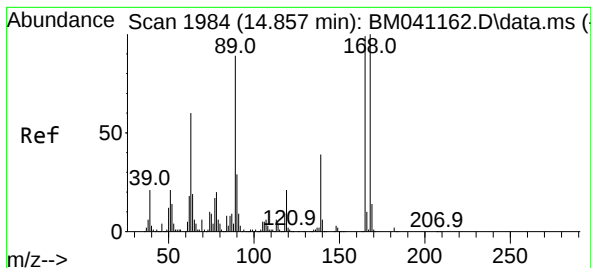
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

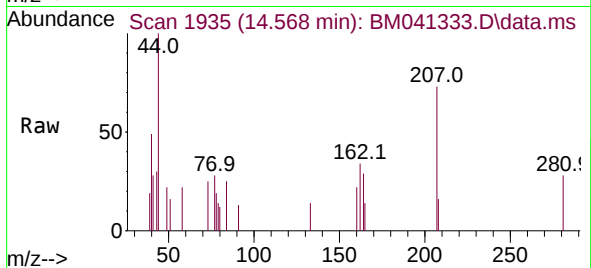
170 23.5 18.9 28.3



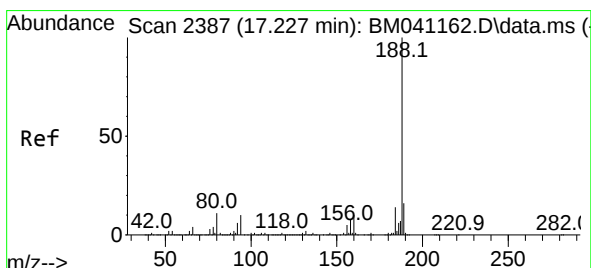
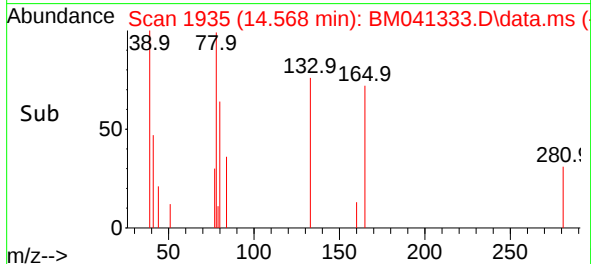
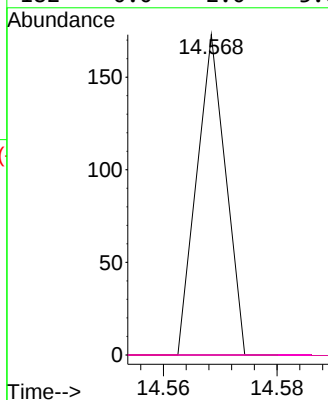


#57
2,4-Dinitrotoluene
Concen: 2.680 ng
RT: 14.568 min Scan# 1984
Delta R.T. -0.282 min
Lab File: BM041333.D
Acq: 08 Aug 2023 17:58

Instrument :
BNA_M
ClientSampleId :

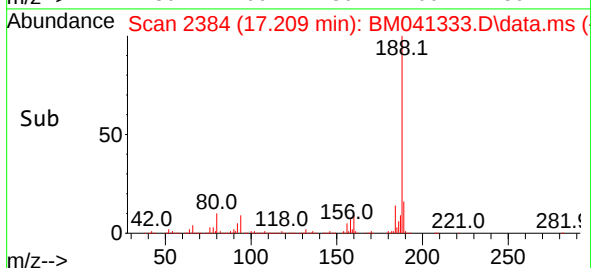
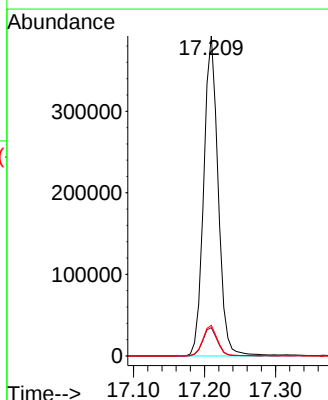
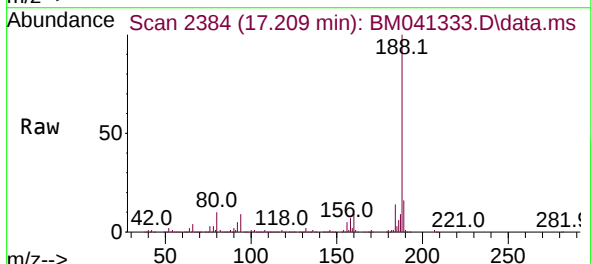


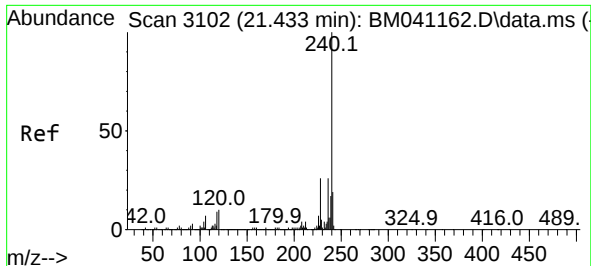
Tgt Ion:165 Resp: 61
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BM041333.D
Acq: 08 Aug 2023 17:58

Tgt Ion:188 Resp: 550498
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 9.6 8.6 13.0

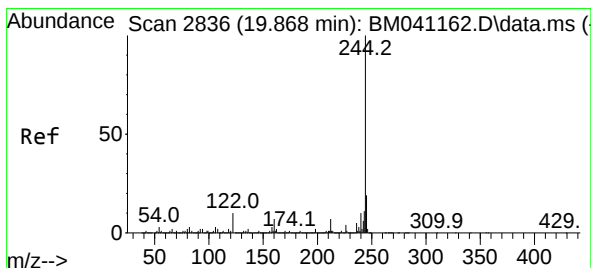
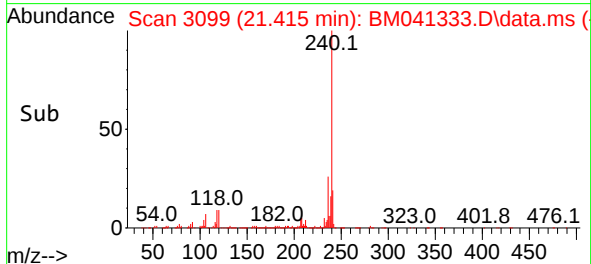
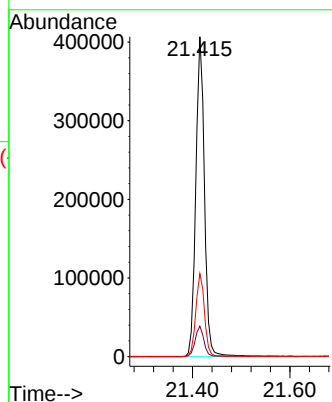
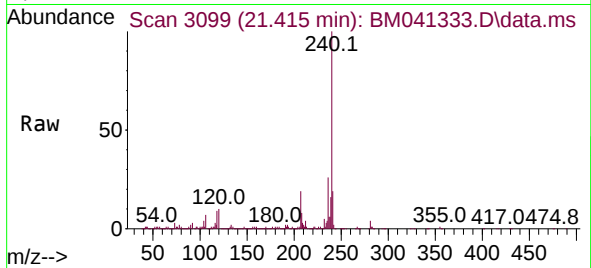




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM041333.D
Acq: 08 Aug 2023 17:58

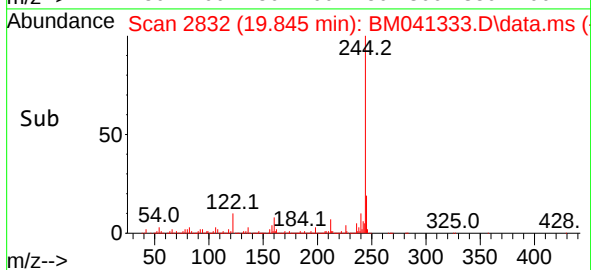
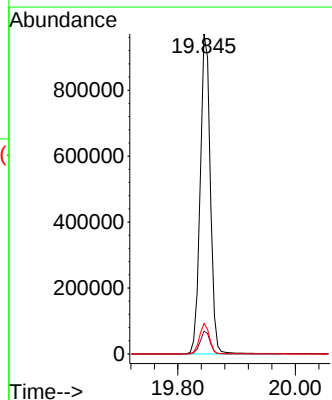
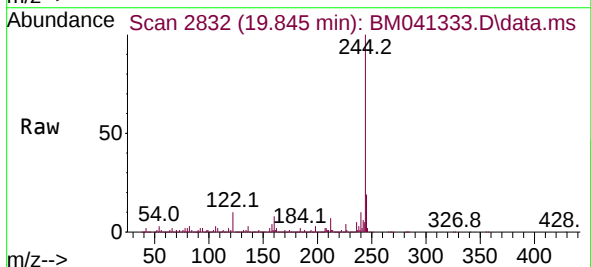
Instrument :
BNA_M
ClientSampleId :

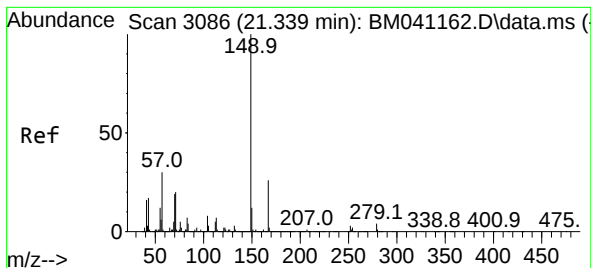
Tgt Ion:240 Resp: 500004
Ion Ratio Lower Upper
240 100
120 9.5 8.3 12.5
236 25.9 20.6 30.8



#79
Terphenyl-d14
Concen: 41.742 ng
RT: 19.845 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BM041333.D
Acq: 08 Aug 2023 17:58

Tgt Ion:244 Resp: 1154338
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 9.5 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.805 ng

RT: 21.321 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM041333.D

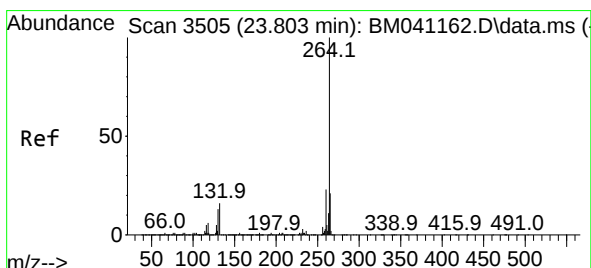
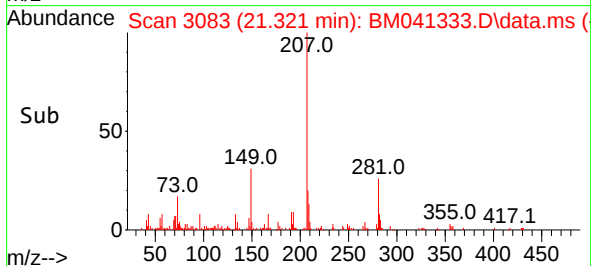
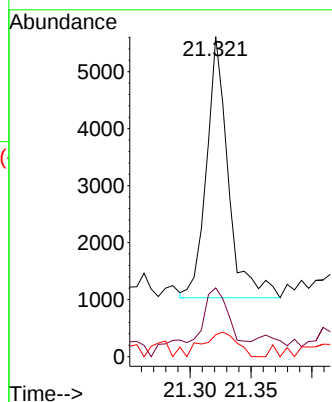
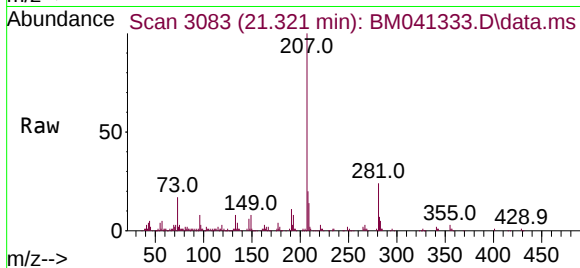
Acq: 08 Aug 2023 17:58

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	149	Resp:	5685
Ion Ratio	Lower	Upper	
149	100		
167	21.5	21.0	31.6
279	6.9	3.1	4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.785 min Scan# 3502

Delta R.T. -0.000 min

Lab File: BM041333.D

Acq: 08 Aug 2023 17:58

Tgt Ion:	264	Resp:	562691
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.5	27.7
265	21.7	17.4	26.0

