

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041269.D
 Acq On : 03 Aug 2023 19:37
 Operator : MA/JU
 Sample : 03756-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 307/308-TP-6-8-CS3

Quant Time: Aug 04 01:23:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

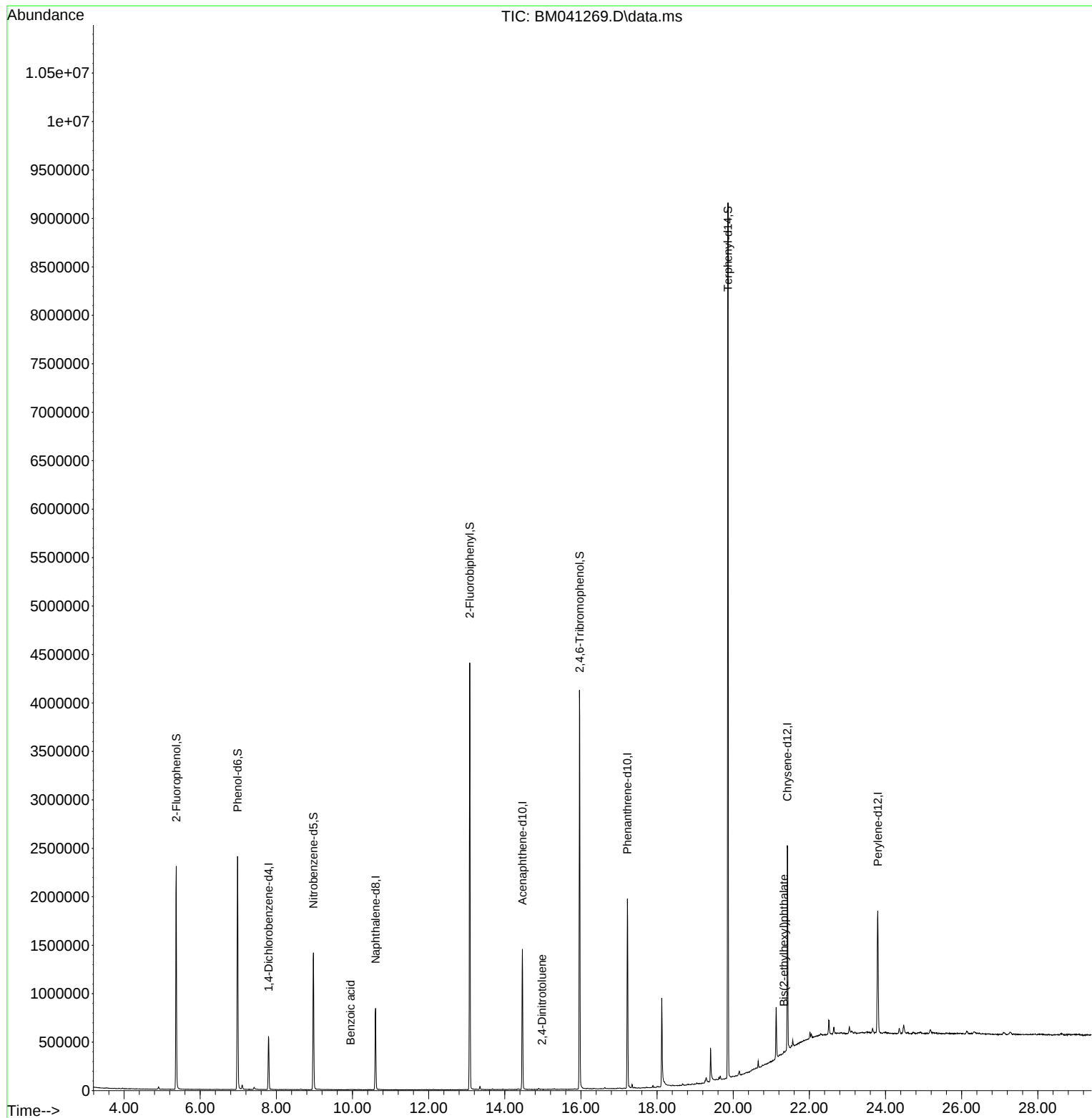
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	142921	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	659866	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	475716	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1129735	20.000	ng	0.00
76) Chrysene-d12	21.421	240	976244	20.000	ng	-0.01
86) Perylene-d12	23.797	264	929813	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	946446	98.974	ng	0.00
7) Phenol-d6	6.981	99	1312137	105.857	ng	0.00
23) Nitrobenzene-d5	8.975	82	808327	56.967	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	761738	113.206	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2137896	56.771	ng	0.00
79) Terphenyl-d14	19.862	244	4181173	77.437	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.951	122	518	7.215	ng	# 28
57) 2,4-Dinitrotoluene	14.980	165	54	2.675	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.333	149	7041	2.708	ng	# 95

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

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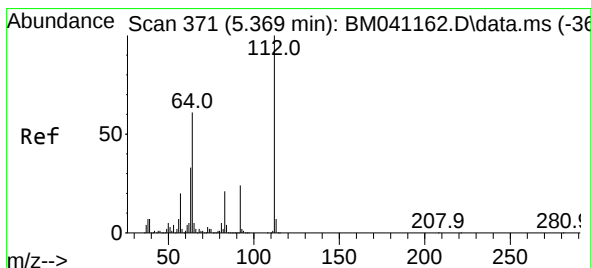
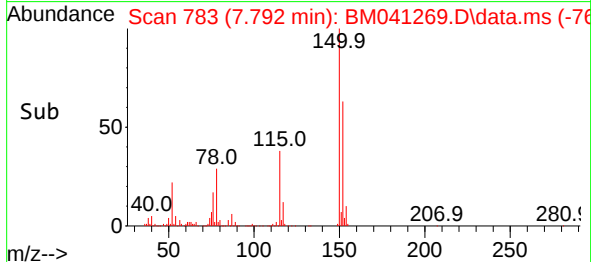
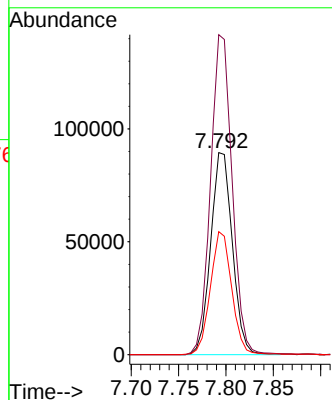
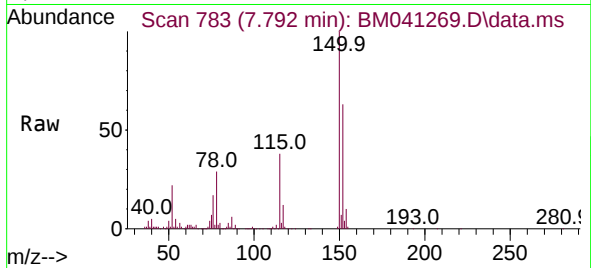




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 783
Delta R.T. -0.001 min
Lab File: BM041269.D
Acq: 03 Aug 2023 19:37

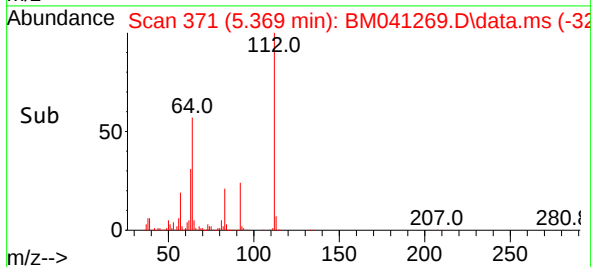
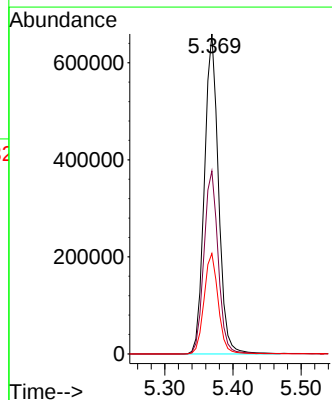
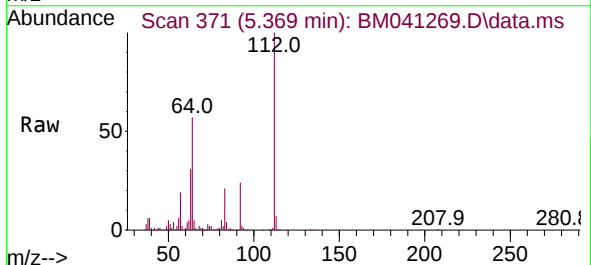
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3

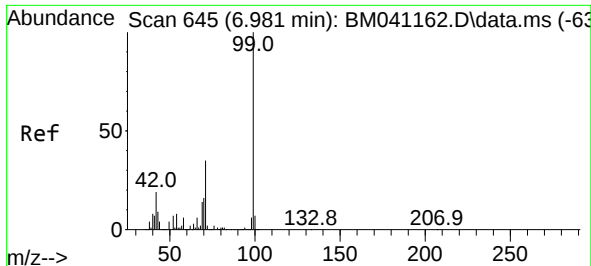
Tgt Ion:152 Resp: 142921
Ion Ratio Lower Upper
152 100
150 158.4 125.5 188.3
115 60.9 48.0 72.0



#5
2-Fluorophenol
Concen: 98.974 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041269.D
Acq: 03 Aug 2023 19:37

Tgt Ion:112 Resp: 946446
Ion Ratio Lower Upper
112 100
64 57.2 48.5 72.7
63 31.4 26.5 39.7

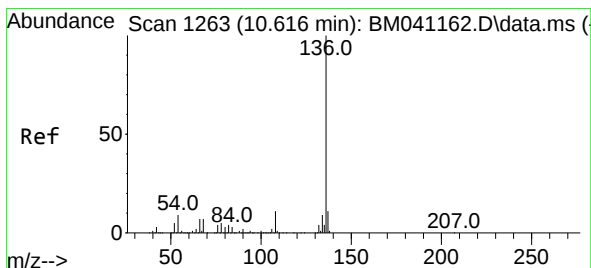
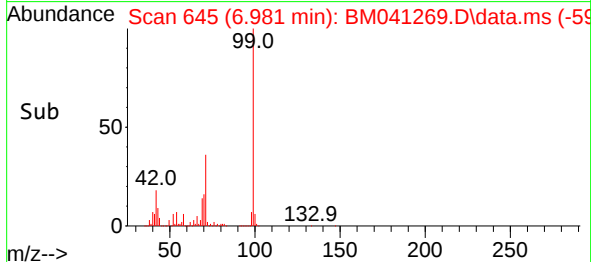
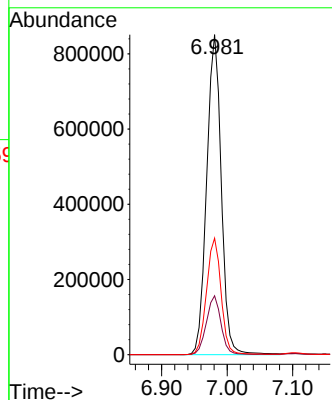
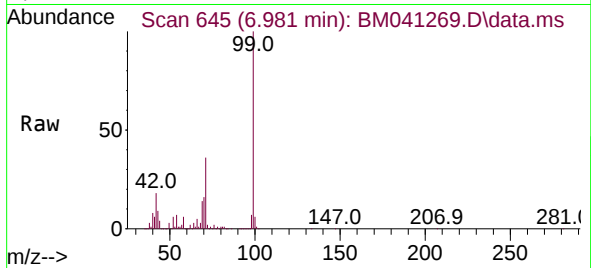




#7
Phenol-d6
Concen: 105.857 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041269.D
Acq: 03 Aug 2023 19:37

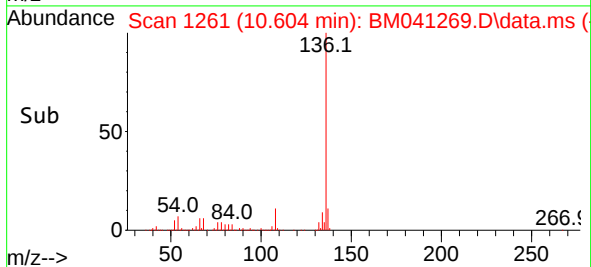
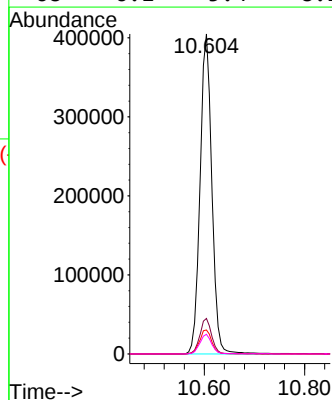
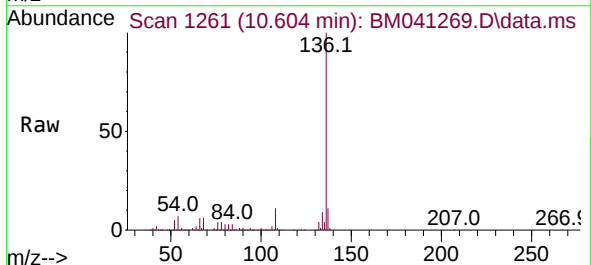
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3

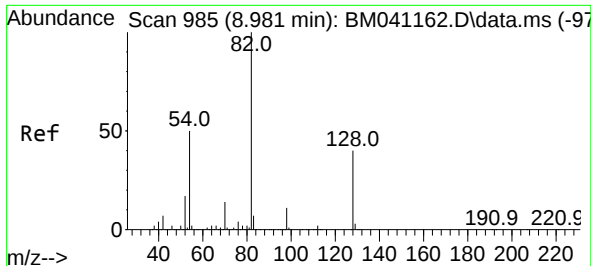
Tgt Ion: 99 Resp: 1312137
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 36.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041269.D
Acq: 03 Aug 2023 19:37

Tgt Ion: 136 Resp: 659866
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.5 6.9 10.3
68 6.1 5.4 8.2

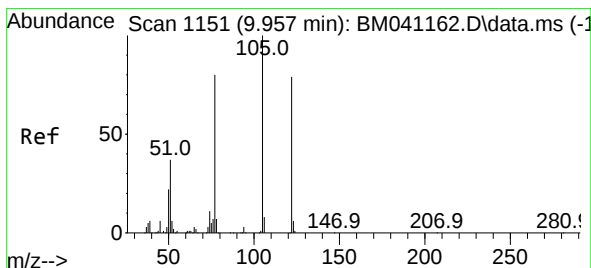
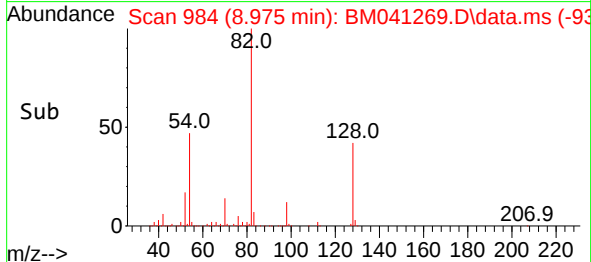
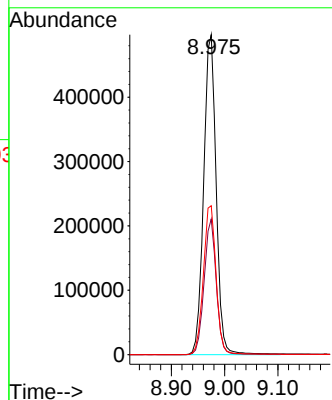
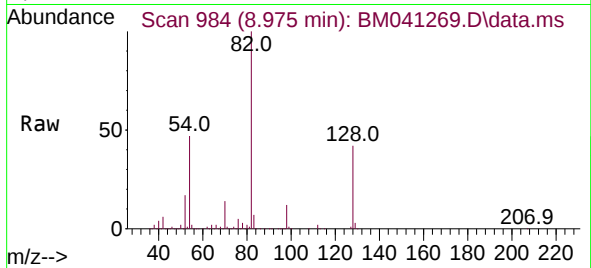




#23
Nitrobenzene-d5
Concen: 56.967 ng
RT: 8.975 min Scan# 984
Delta R.T. -0.000 min
Lab File: BM041269.D
Acq: 03 Aug 2023 19:37

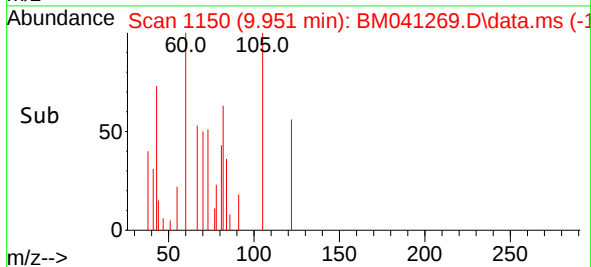
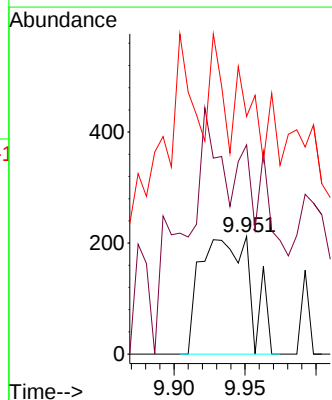
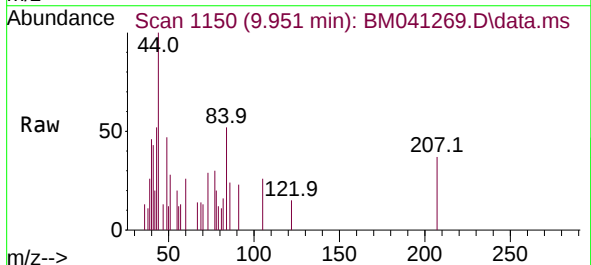
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3

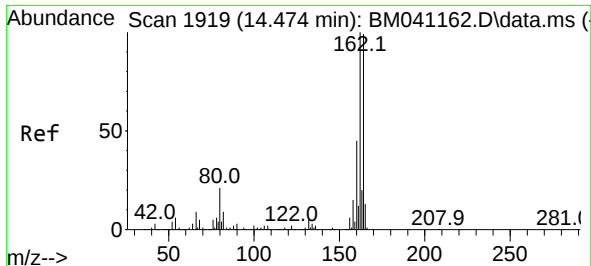
Tgt Ion: 82 Resp: 808327
Ion Ratio Lower Upper
82 100
128 42.4 31.8 47.6
54 46.5 40.1 60.1



#32
Benzoic acid
Concen: 7.215 ng
RT: 9.951 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM041269.D
Acq: 03 Aug 2023 19:37

Tgt Ion:122 Resp: 518
Ion Ratio Lower Upper
122 100
105 177.8 104.0 144.0#
77 201.9 79.9 119.9#

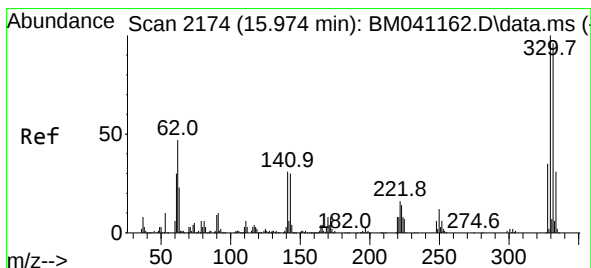
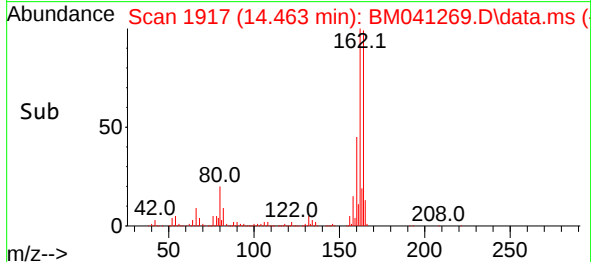
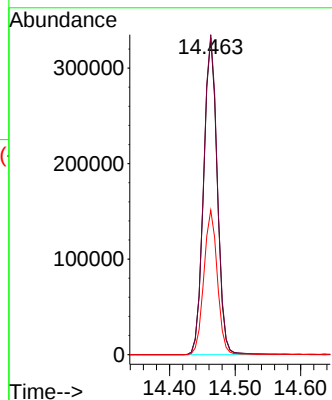
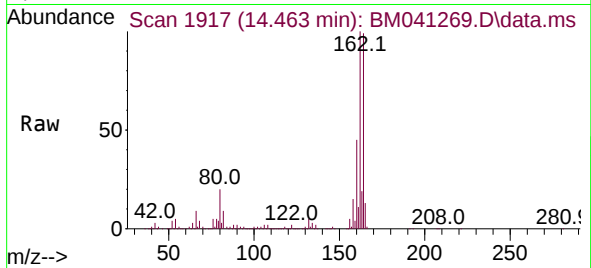




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041269.D
Acq: 03 Aug 2023 19:37

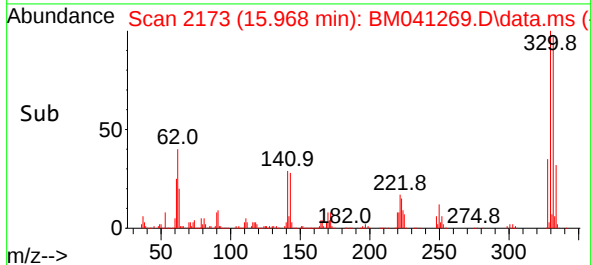
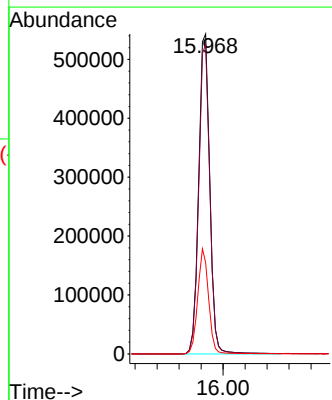
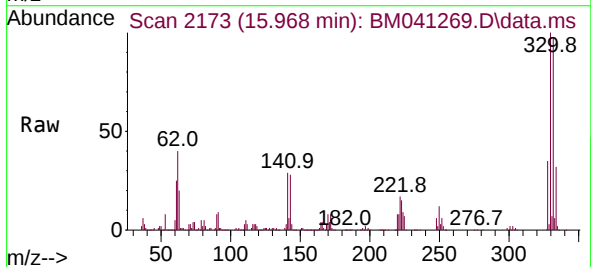
Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3

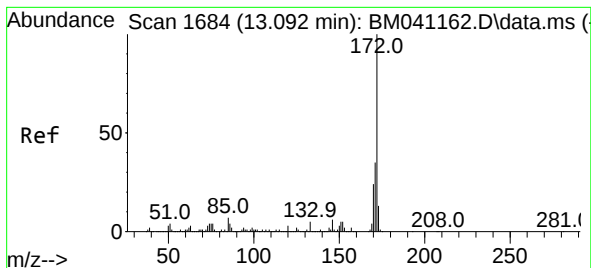
Tgt Ion:164 Resp: 475716
Ion Ratio Lower Upper
164 100
162 100.9 80.4 120.6
160 45.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 113.206 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BM041269.D
Acq: 03 Aug 2023 19:37

Tgt Ion:330 Resp: 761738
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 32.0 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 56.771 ng

RT: 13.080 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041269.D

Acq: 03 Aug 2023 19:37

Instrument :

BNA_M

ClientSampleId :

307/308-TP-6-8-CS3

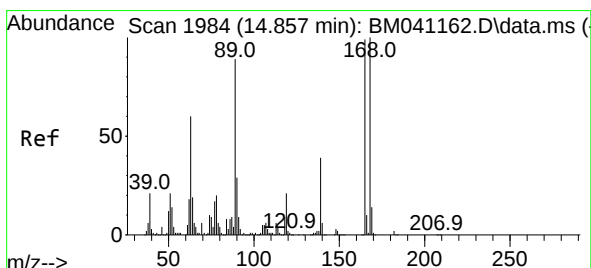
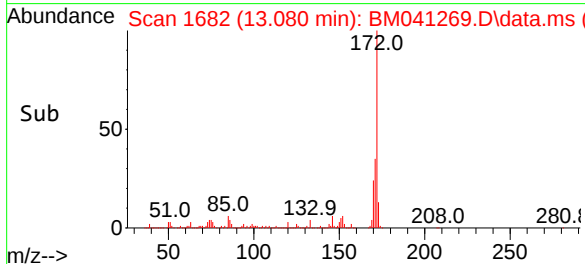
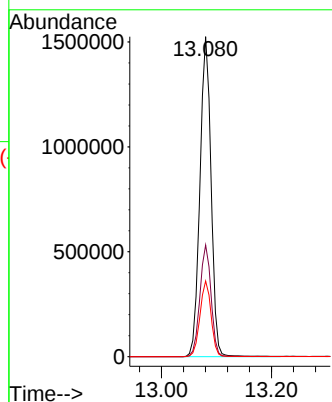
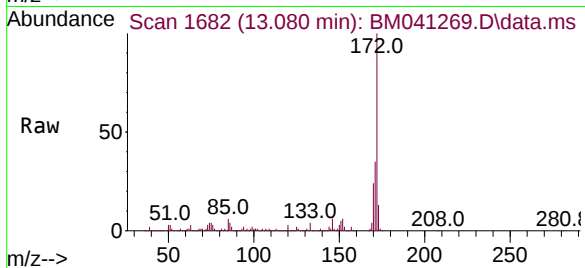
Tgt Ion:172 Resp: 2137896

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.6 18.9 28.3



#57

2,4-Dinitrotoluene

Concen: 2.675 ng

RT: 14.980 min Scan# 2005

Delta R.T. 0.123 min

Lab File: BM041269.D

Acq: 03 Aug 2023 19:37

Tgt Ion:165 Resp: 54

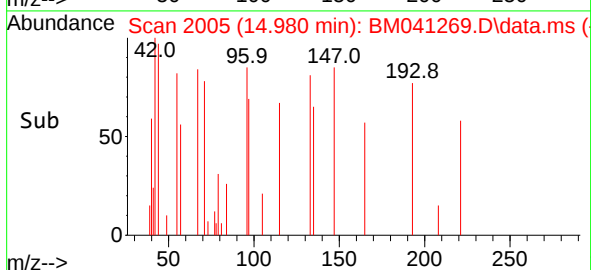
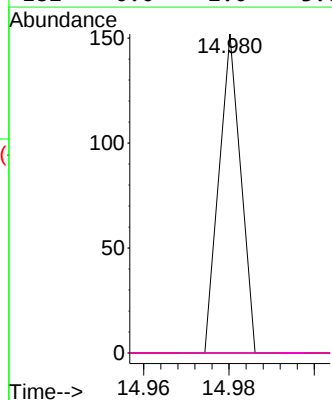
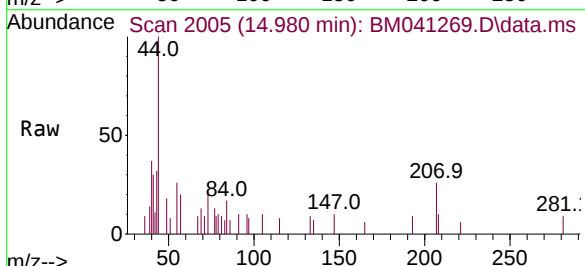
Ion Ratio Lower Upper

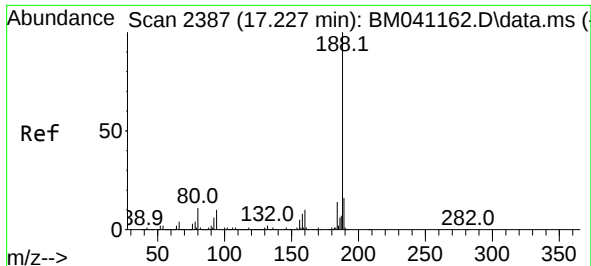
165 100

63 0.0 48.3 72.5#

89 0.0 71.8 107.8#

182 0.0 2.0 3.0#

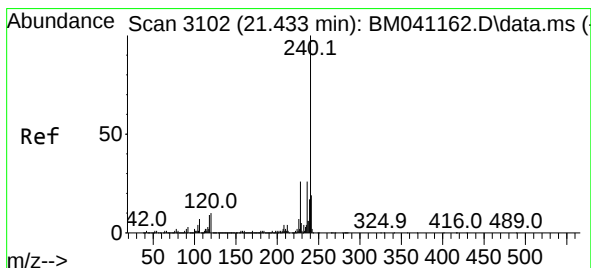
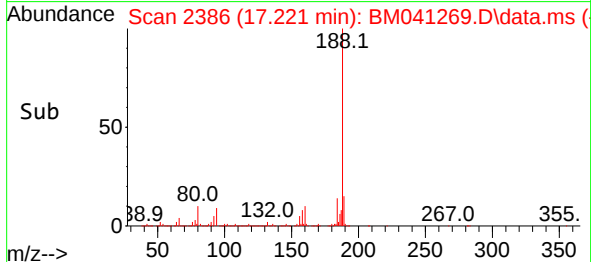
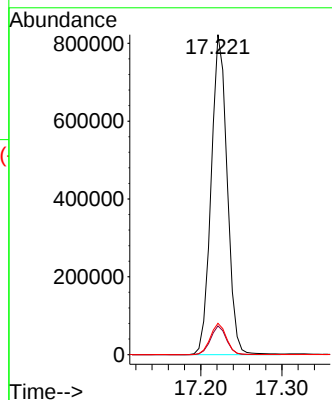
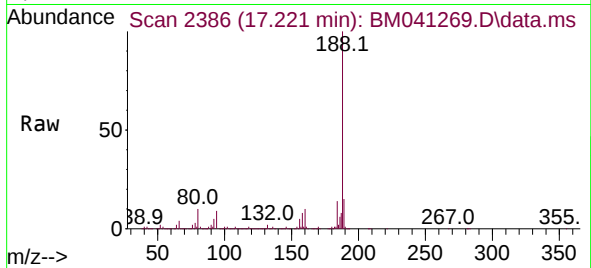




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BM041269.D
Acq: 03 Aug 2023 19:37

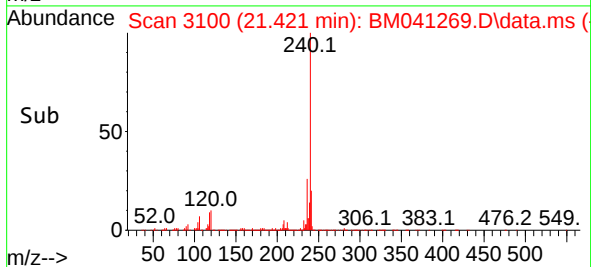
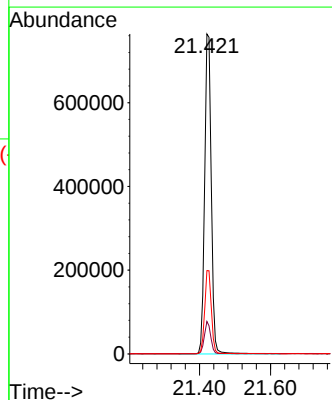
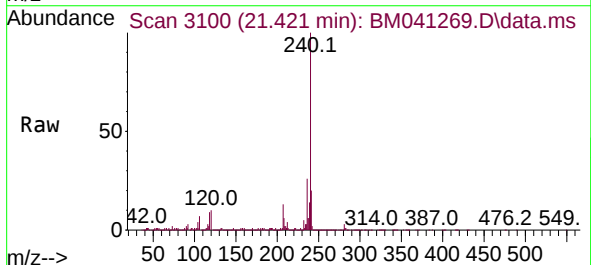
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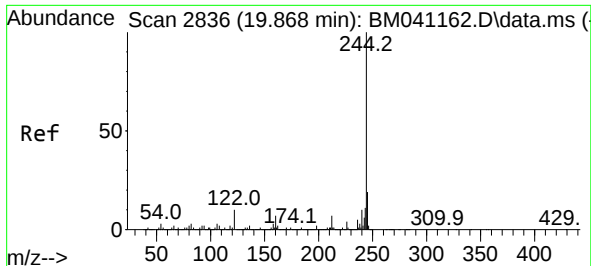
Tgt Ion:188 Resp: 1129735
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.8 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3100
Delta R.T. -0.012 min
Lab File: BM041269.D
Acq: 03 Aug 2023 19:37

Tgt Ion:240 Resp: 976244
Ion Ratio Lower Upper
240 100
120 10.1 8.3 12.5
236 26.0 20.6 30.8

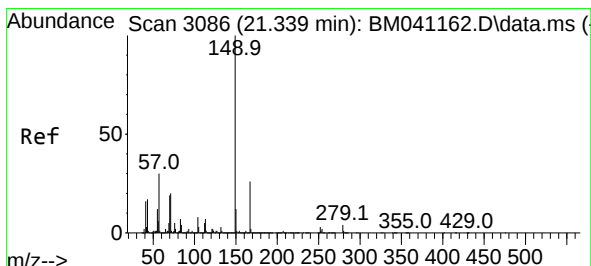
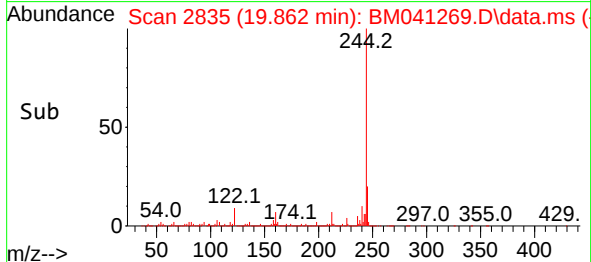
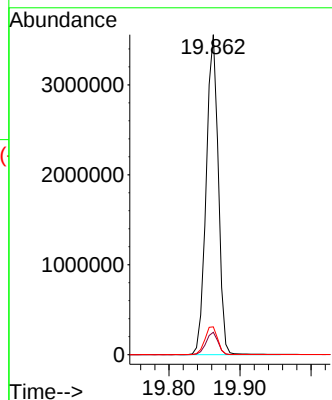
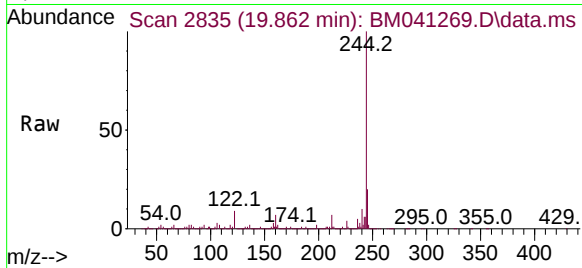




#79
 Terphenyl-d14
 Concen: 77.437 ng
 RT: 19.862 min Scan# 2836
 Delta R.T. -0.000 min
 Lab File: BM041269.D
 Acq: 03 Aug 2023 19:37

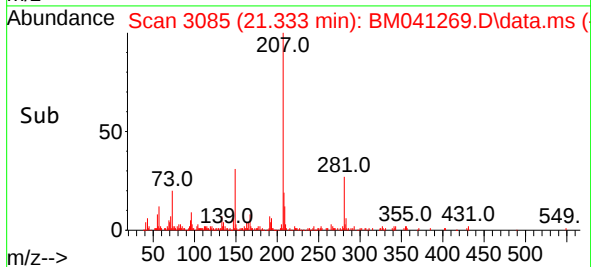
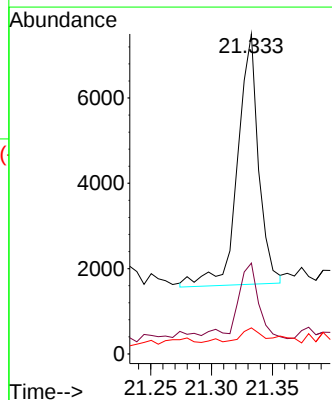
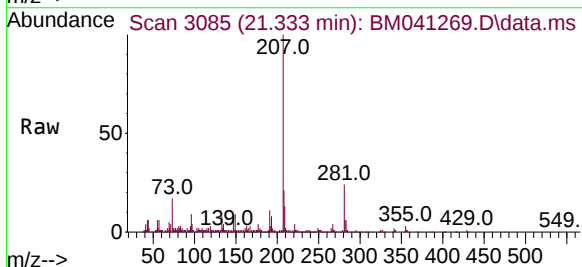
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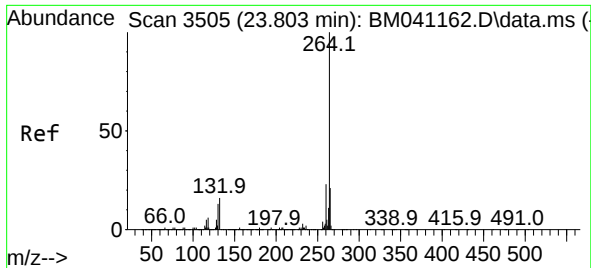
Tgt Ion:244 Resp: 4181173
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 8.7 7.8 11.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.708 ng
 RT: 21.333 min Scan# 3085
 Delta R.T. -0.000 min
 Lab File: BM041269.D
 Acq: 03 Aug 2023 19:37

Tgt Ion:149 Resp: 7041
 Ion Ratio Lower Upper
 149 100
 167 28.4 21.0 31.6
 279 8.1 3.1 4.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.797 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM041269.D
 Acq: 03 Aug 2023 19:37

Instrument :
 BNA_M
 ClientSampleId :
 307/308-TP-6-8-CS3

Tgt Ion:	264	Resp:	929813
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.8	17.4	26.0

