

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
 Data File : BM042549.D
 Acq On : 01 Nov 2023 20:49
 Operator : MA/JU
 Sample : 05083-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-10252023

Quant Time: Nov 01 23:45:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

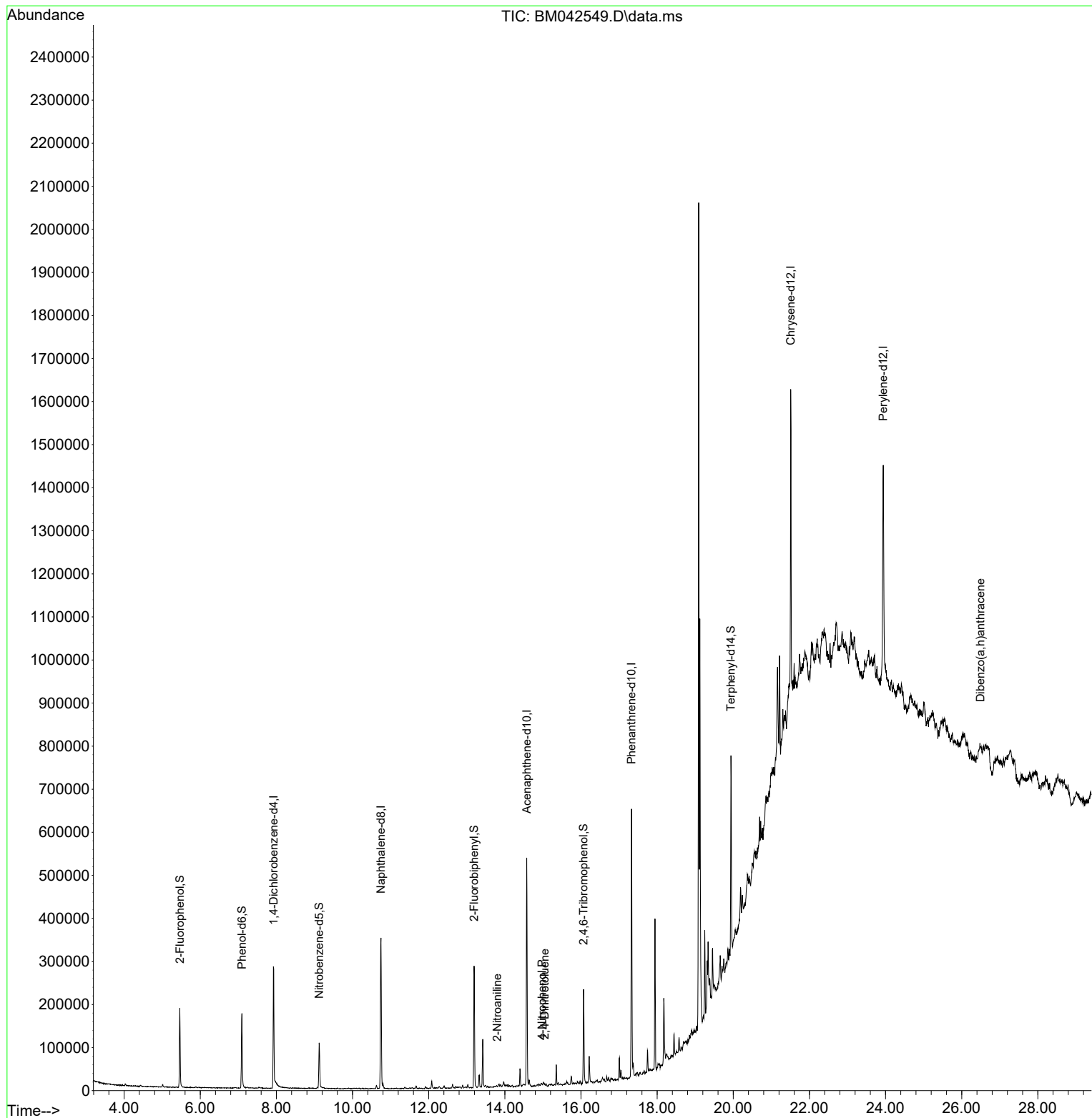
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	68277	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	264189	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	159456	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	338334	20.000	ng	0.00
76) Chrysene-d12	21.509	240	311117	20.000	ng	0.00
86) Perylene-d12	23.938	264	352337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	69526	16.434	ng	0.00
7) Phenol-d6	7.092	99	88738	15.294	ng	0.00
23) Nitrobenzene-d5	9.122	82	61319	10.820	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	34635	16.637	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	134789	11.374	ng	0.00
79) Terphenyl-d14	19.939	244	205200	11.184	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.798	65	59	4.365	ng	# 13
56) 4-Nitrophenol	14.980	139	1087	7.398	ng	# 11
57) 2,4-Dinitrotoluene	15.045	165	53	3.984	ng	# 5
91) Dibenzo(a,h)anthracene	26.491	278	7246	4.480	ng	# 1

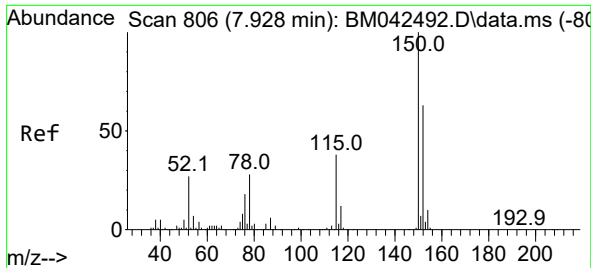
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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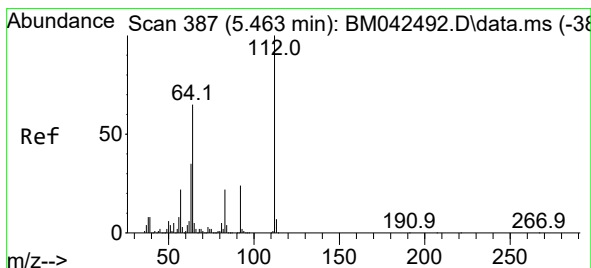
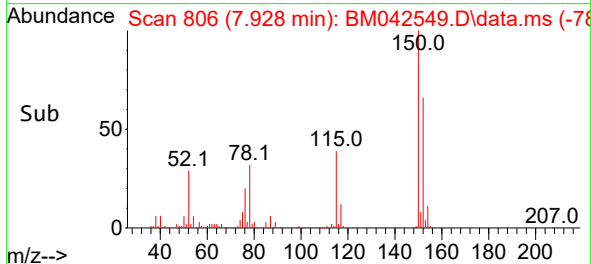
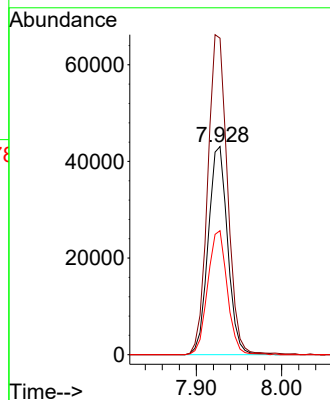
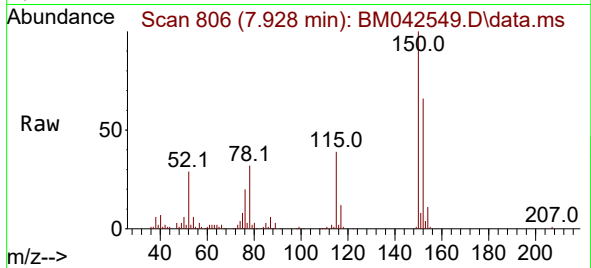




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.000 min
Lab File: BM042549.D
Acq: 01 Nov 2023 20:49

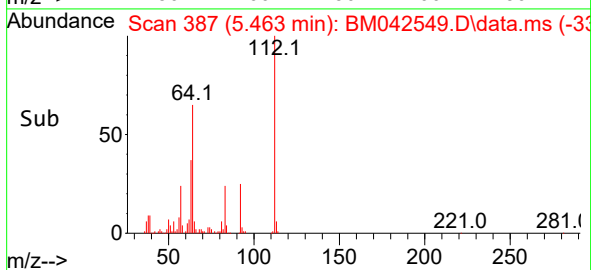
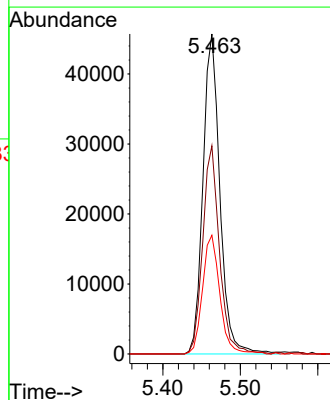
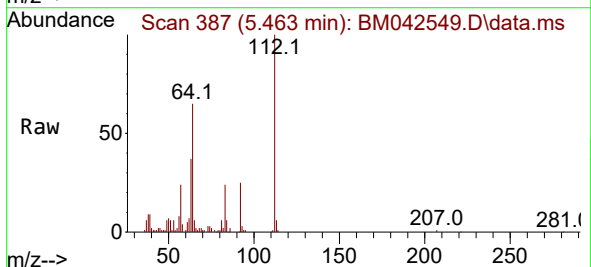
Instrument :
BNA_M
ClientSampleId :
SU-04-10252023

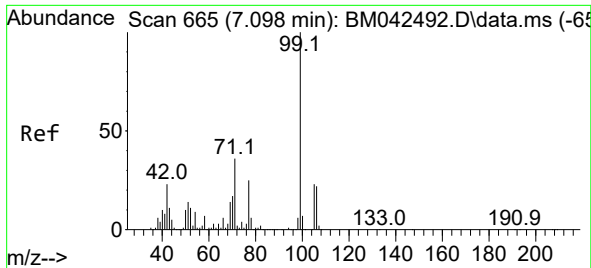
Tgt Ion:152 Resp: 68277
Ion Ratio Lower Upper
152 100
150 152.0 127.4 191.0
115 59.6 47.9 71.9



#5
2-Fluorophenol
Concen: 16.434 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM042549.D
Acq: 01 Nov 2023 20:49

Tgt Ion:112 Resp: 69526
Ion Ratio Lower Upper
112 100
64 65.0 52.1 78.1
63 37.1 28.3 42.5

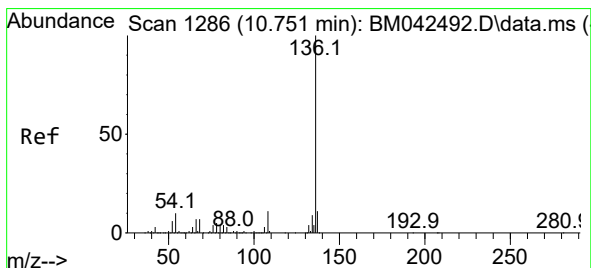
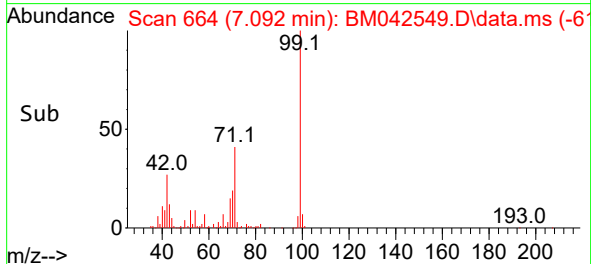
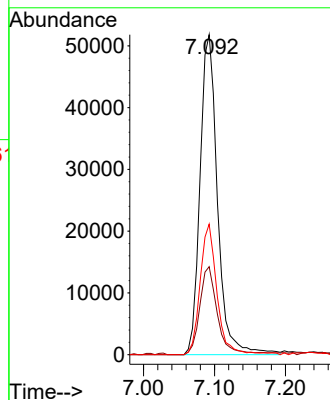
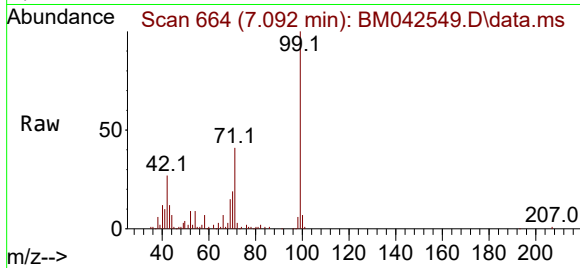




#7
Phenol-d6
Concen: 15.294 ng
RT: 7.092 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM042549.D
Acq: 01 Nov 2023 20:49

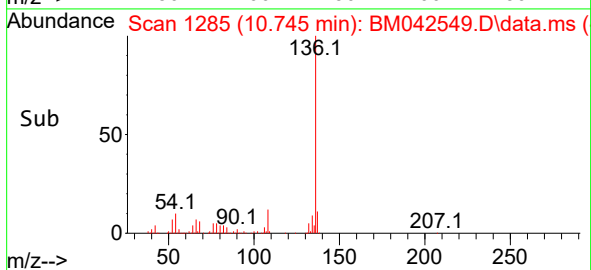
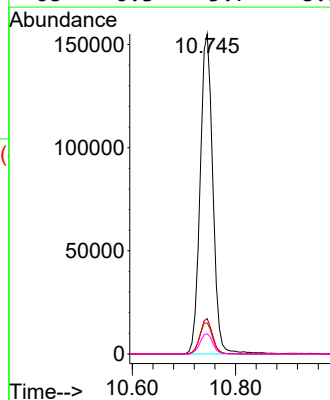
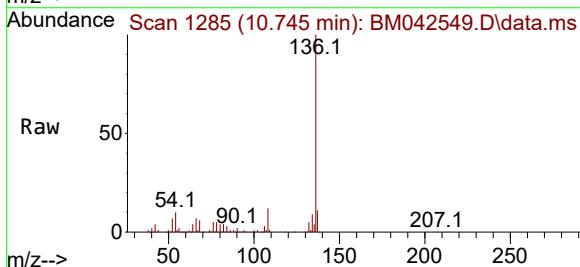
Instrument :
BNA_M
ClientSampleId :
SU-04-10252023

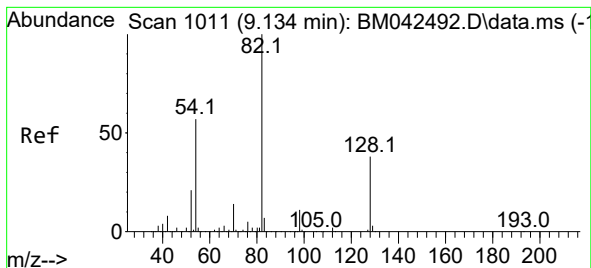
Tgt Ion: 99 Resp: 88738
Ion Ratio Lower Upper
99 100
42 27.5 18.7 28.1
71 40.8 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM042549.D
Acq: 01 Nov 2023 20:49

Tgt Ion: 136 Resp: 264189
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.6 8.0 12.0
68 6.3 5.7 8.5





#23

Nitrobenzene-d5

Concen: 10.820 ng

RT: 9.122 min Scan# 1009

Delta R.T. -0.012 min

Lab File: BM042549.D

Acq: 01 Nov 2023 20:49

Instrument :

BNA_M

ClientSampleId :

SU-04-10252023

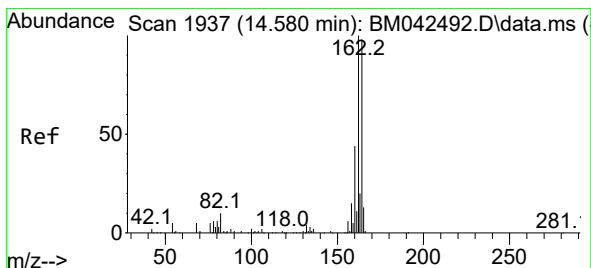
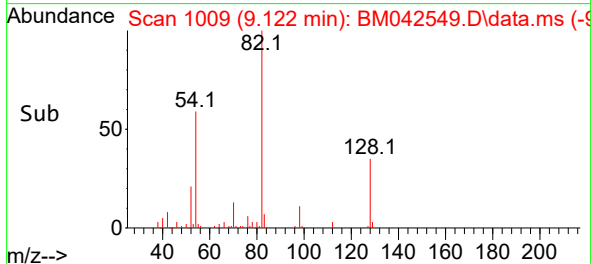
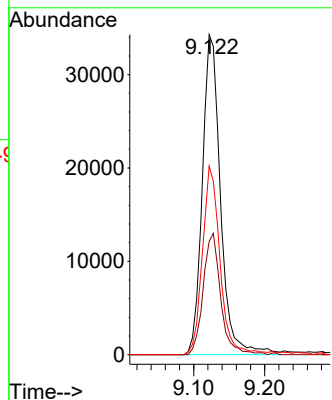
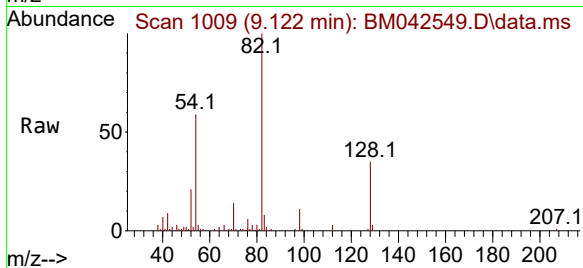
Tgt Ion: 82 Resp: 61319

Ion Ratio Lower Upper

82 100

128 35.3 30.7 46.1

54 59.0 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BM042549.D

Acq: 01 Nov 2023 20:49

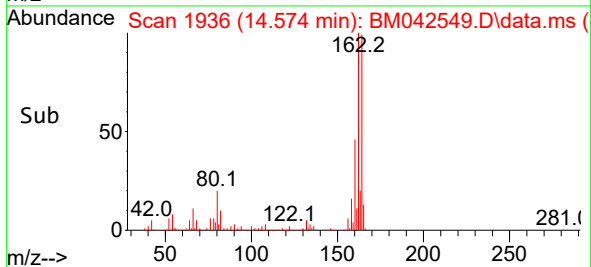
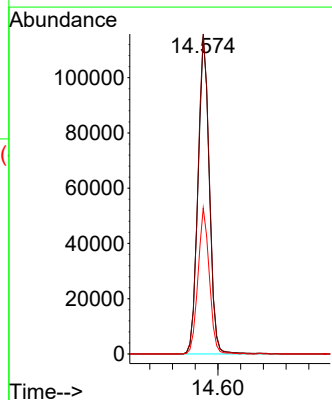
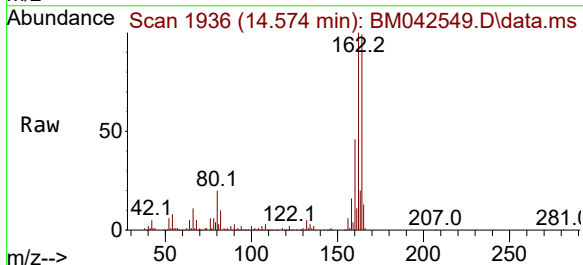
Tgt Ion:164 Resp: 159456

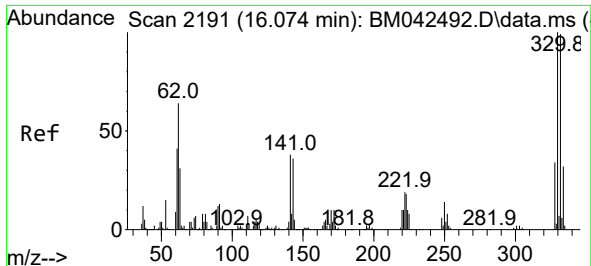
Ion Ratio Lower Upper

164 100

162 100.7 81.6 122.4

160 45.9 36.2 54.4

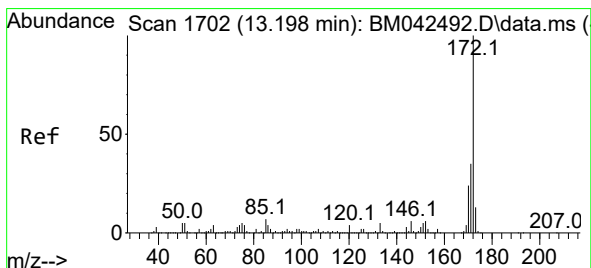
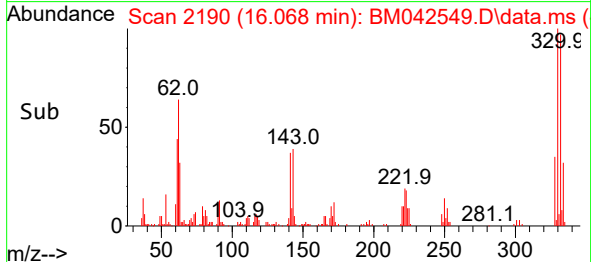
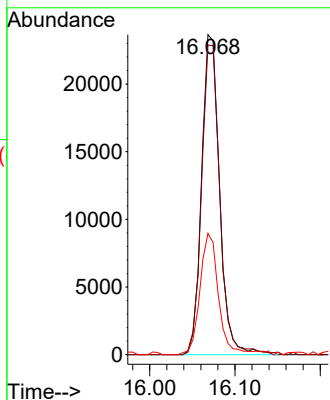
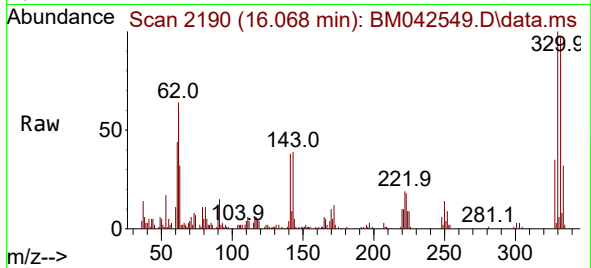




#42
2,4,6-Tribromophenol
Concen: 16.637 ng
RT: 16.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042549.D
Acq: 01 Nov 2023 20:49

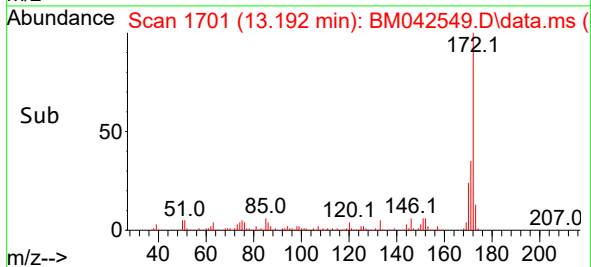
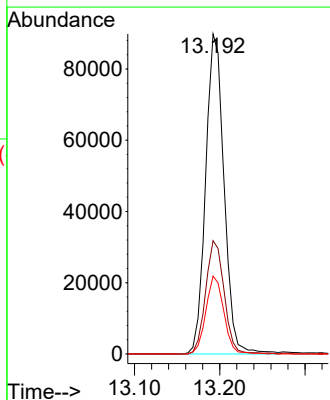
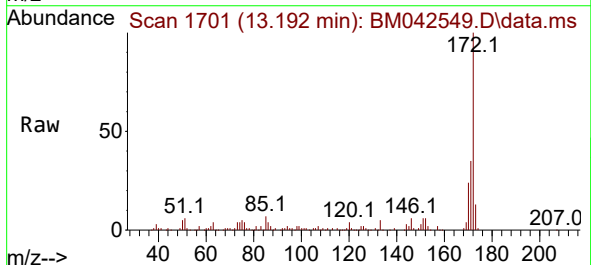
Instrument :
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SU-04-10252023

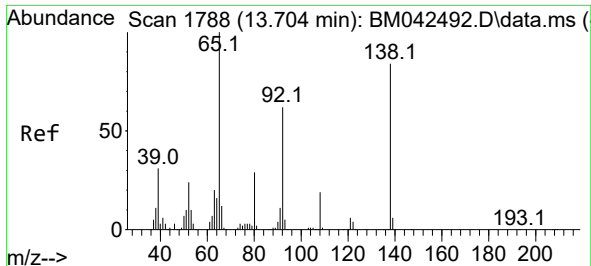
Tgt Ion:330 Resp: 34635
Ion Ratio Lower Upper
330 100
332 98.6 78.8 118.2
141 39.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 11.374 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM042549.D
Acq: 01 Nov 2023 20:49

Tgt Ion:172 Resp: 134789
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 24.4 19.0 28.4

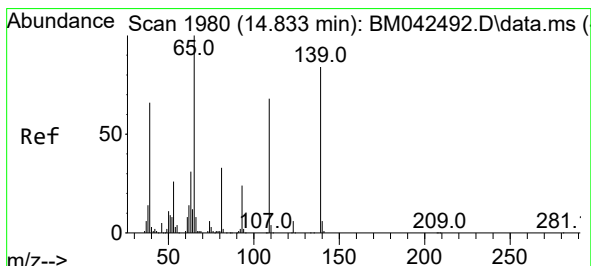
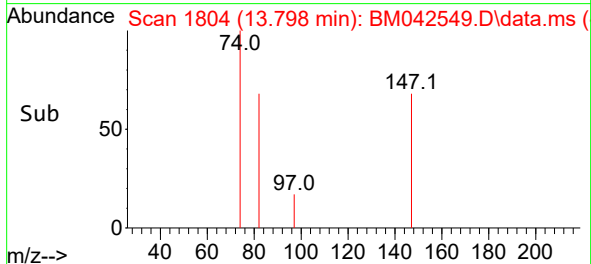
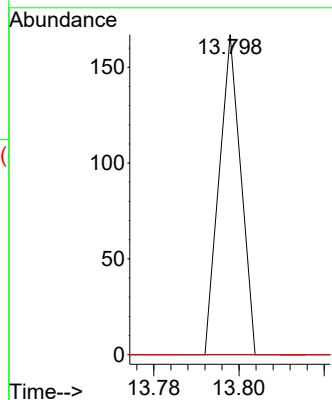
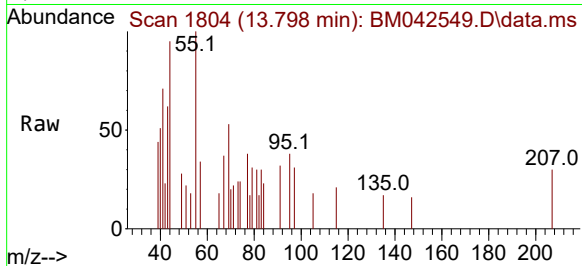




#48
2-Nitroaniline
Concen: 4.365 ng
RT: 13.798 min Scan# 11
Delta R.T. 0.094 min
Lab File: BM042549.D
Acq: 01 Nov 2023 20:49

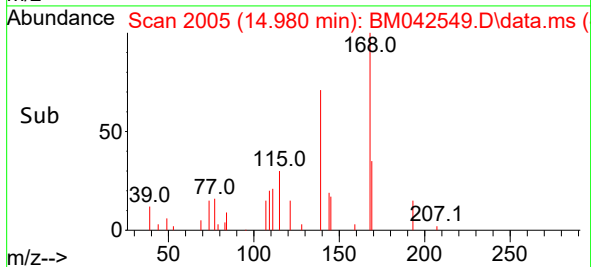
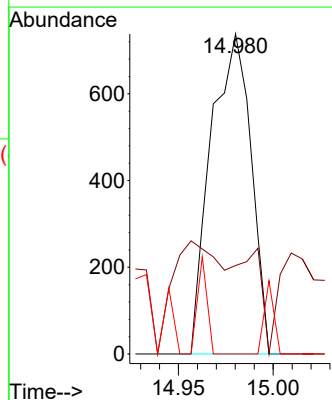
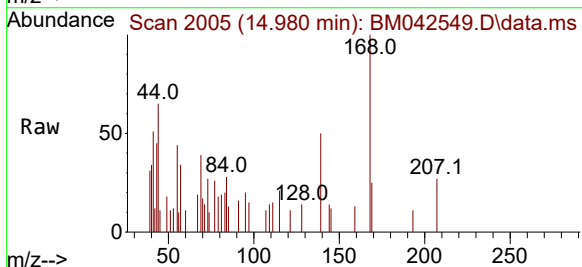
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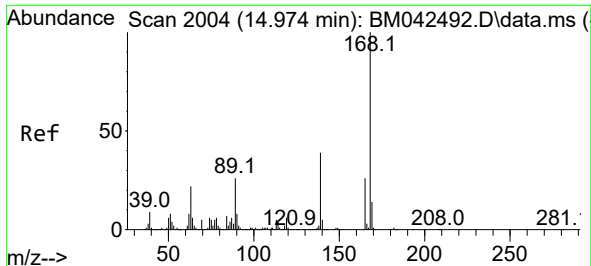
Tgt Ion: 65 Resp: 59
Ion Ratio Lower Upper
65 100
92 0.0 49.4 74.2#
138 0.0 66.9 100.3#



#56
4-Nitrophenol
Concen: 7.398 ng
RT: 14.980 min Scan# 2005
Delta R.T. 0.147 min
Lab File: BM042549.D
Acq: 01 Nov 2023 20:49

Tgt Ion:139 Resp: 1087
Ion Ratio Lower Upper
139 100
109 27.6 61.3 101.3#
65 0.0 100.2 140.2#

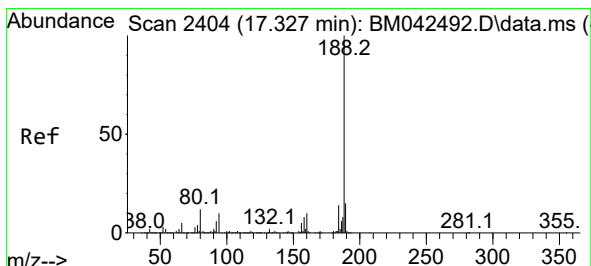
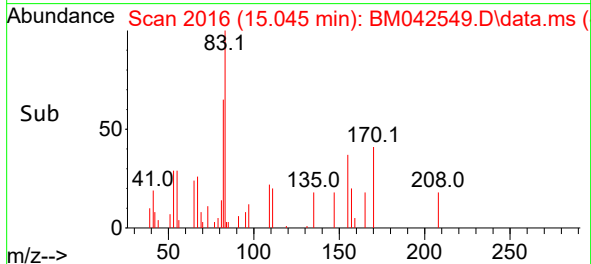
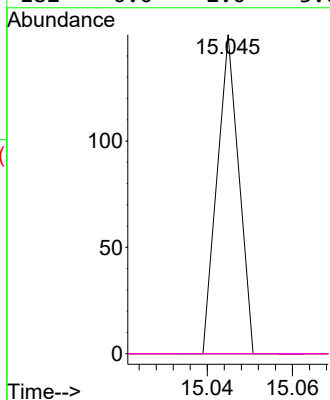
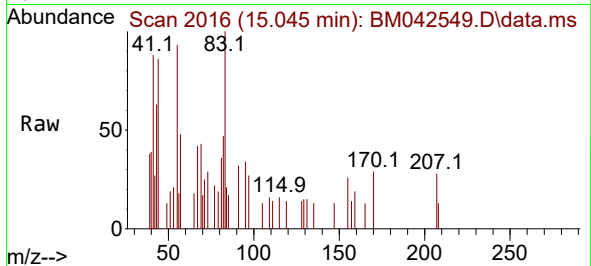




#57
2,4-Dinitrotoluene
Concen: 3.984 ng
RT: 15.045 min Scan# 2016
Delta R.T. 0.071 min
Lab File: BM042549.D
Acq: 01 Nov 2023 20:49

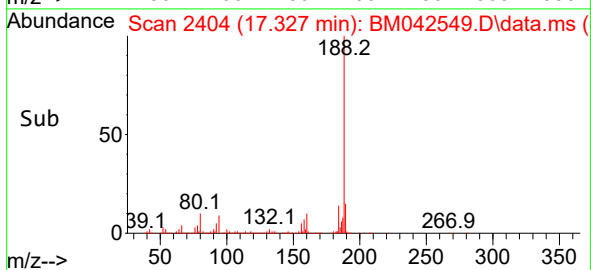
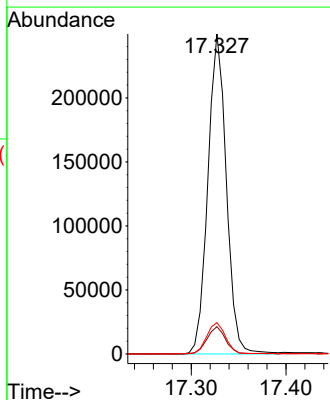
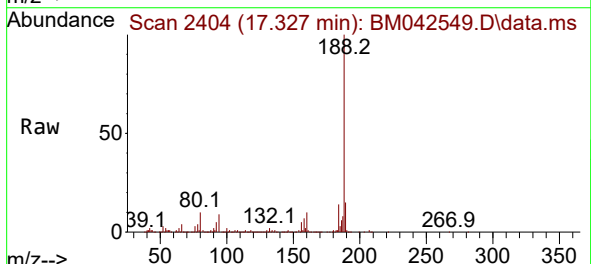
Instrument :
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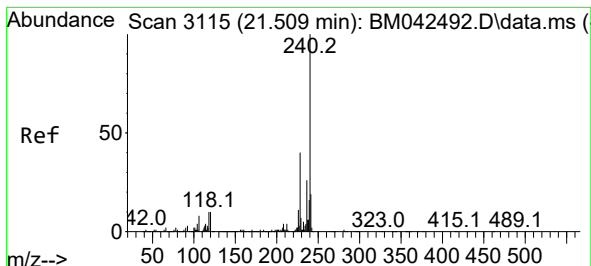
Tgt Ion:165 Resp: 53
Ion Ratio Lower Upper
165 100
63 0.0 66.7 100.1#
89 0.0 80.2 120.4#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM042549.D
Acq: 01 Nov 2023 20:49

Tgt Ion:188 Resp: 338334
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.4
80 9.8 9.4 14.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.509 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM042549.D

Acq: 01 Nov 2023 20:49

Instrument :

BNA_M

ClientSampleId :

SU-04-10252023

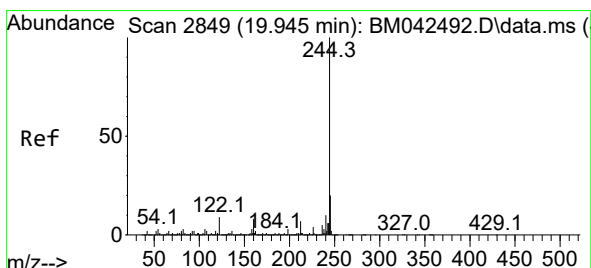
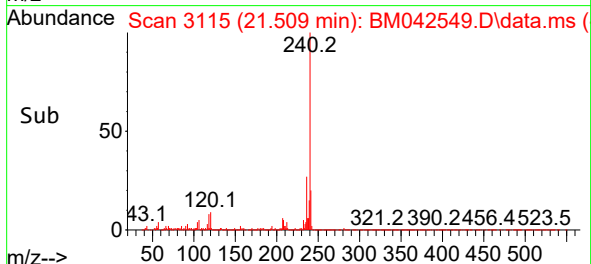
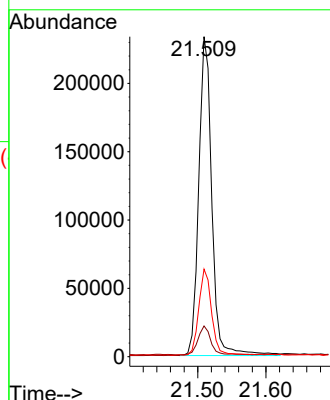
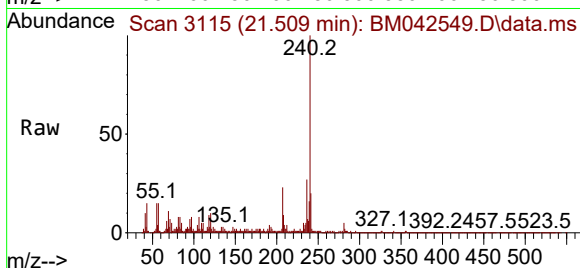
Tgt Ion:240 Resp: 311117

Ion Ratio Lower Upper

240 100

120 9.6 8.3 12.5

236 27.4 20.8 31.2



#79

Terphenyl-d14

Concen: 11.184 ng

RT: 19.939 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BM042549.D

Acq: 01 Nov 2023 20:49

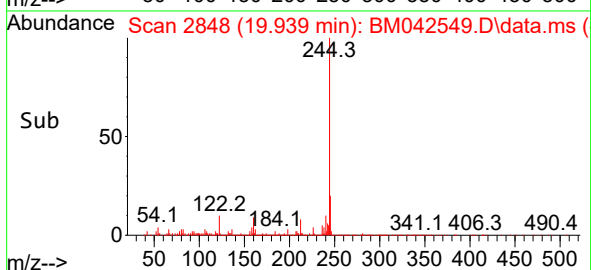
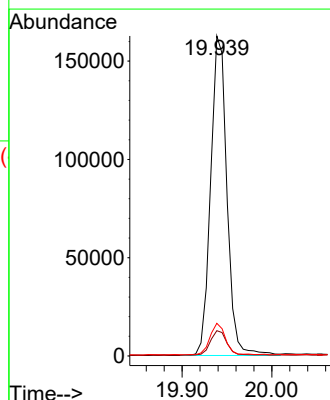
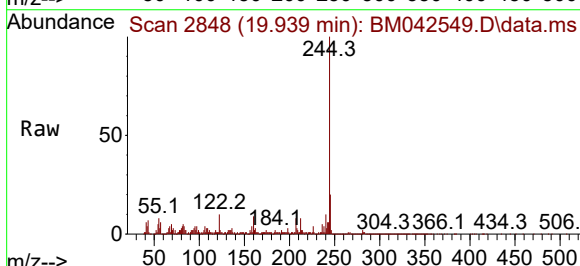
Tgt Ion:244 Resp: 205200

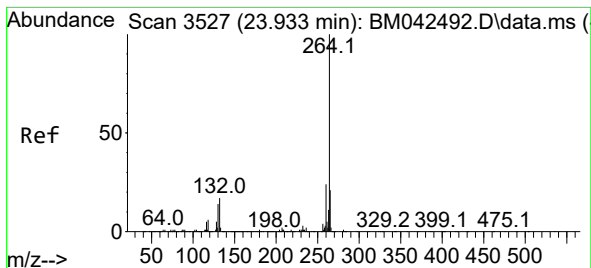
Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

122 10.2 7.2 10.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.938 min Scan# 3527

Delta R.T. 0.006 min

Lab File: BM042549.D

Acq: 01 Nov 2023 20:49

Instrument :

BNA_M

ClientSampleId :

SU-04-10252023

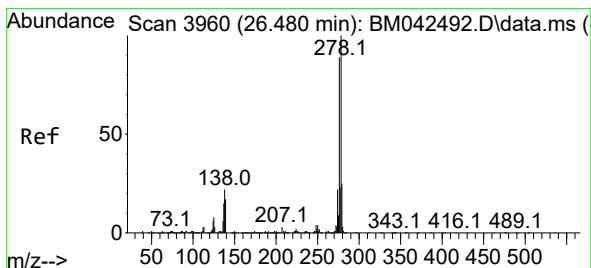
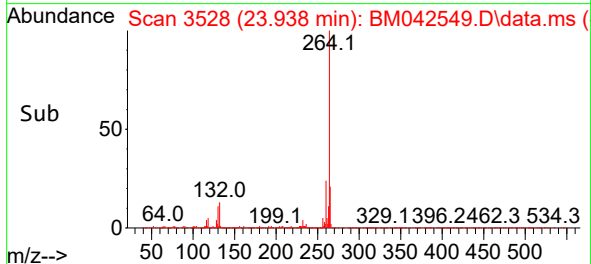
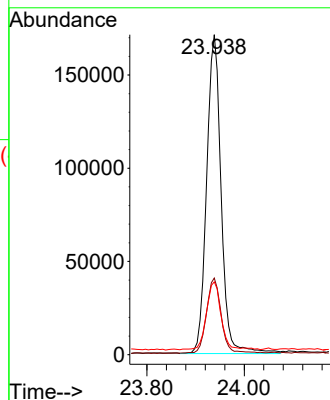
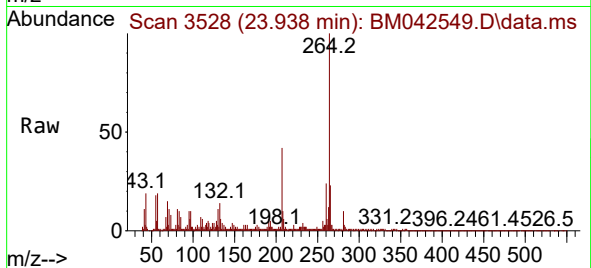
Tgt Ion:264 Resp: 352337

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 22.8 18.7 28.1



#91

Dibenzo(a,h)anthracene

Concen: 4.480 ng

RT: 26.491 min Scan# 3962

Delta R.T. 0.011 min

Lab File: BM042549.D

Acq: 01 Nov 2023 20:49

Tgt Ion:278 Resp: 7246

Ion Ratio Lower Upper

278 100

139 79.6 13.4 20.2#

279 66.1 19.7 29.5#

