

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
 Data File : BM042527.D
 Acq On : 01 Nov 2023 01:00
 Operator : MA/JU
 Sample : 04879-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1

Quant Time: Nov 01 04:50:13 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)

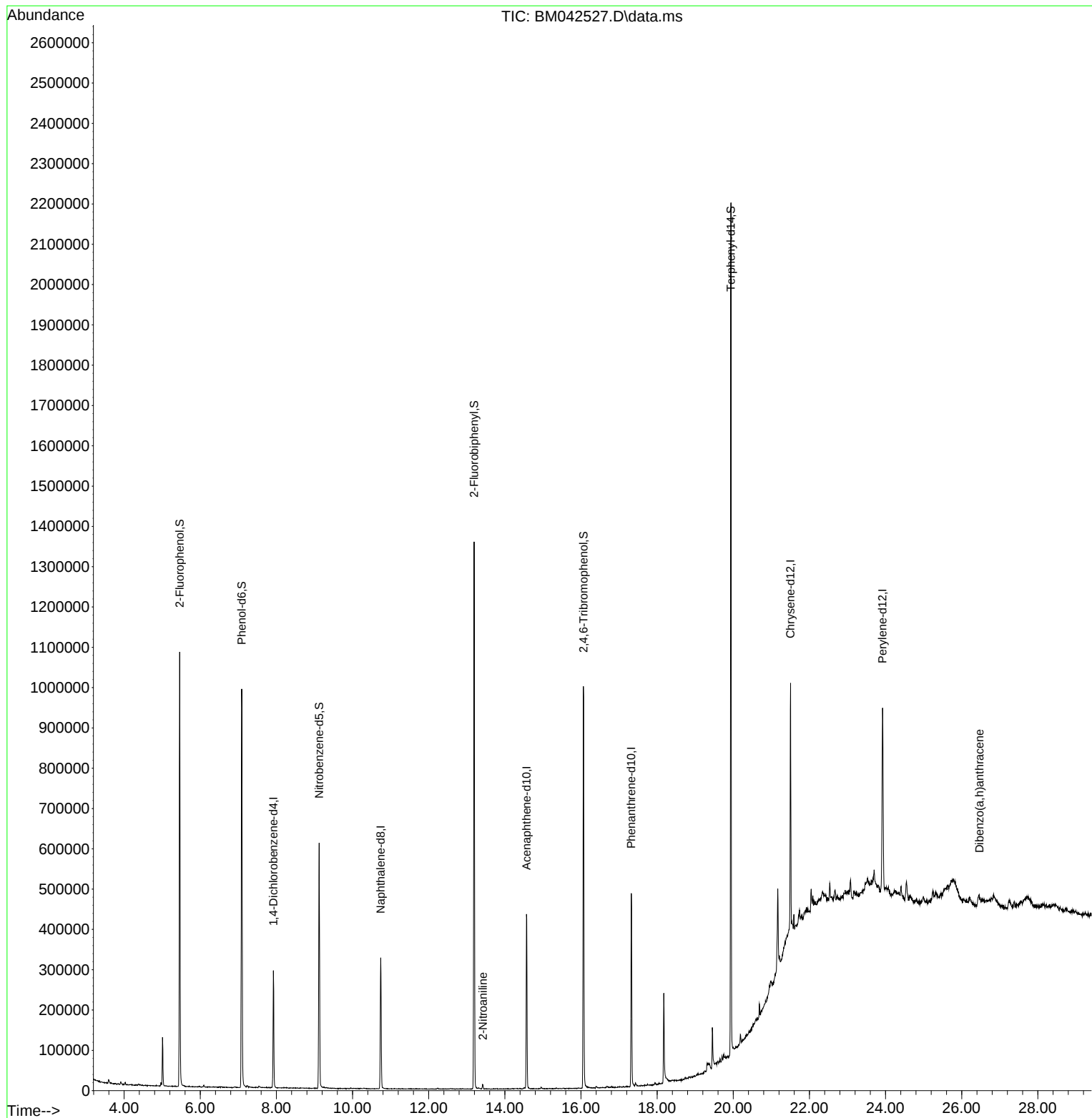
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	68139	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	242649	20.000	ng	-0.01
39) Acenaphthene-d10	14.569	164	136195	20.000	ng	-0.01
64) Phenanthrene-d10	17.321	188	280012	20.000	ng	0.00
76) Chrysene-d12	21.503	240	302954	20.000	ng	0.00
86) Perylene-d12	23.921	264	370579	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	391274	92.674	ng	0.00
7) Phenol-d6	7.087	99	490815	84.764	ng	-0.01
23) Nitrobenzene-d5	9.122	82	325367	62.508	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	163947	92.201	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	616430	60.903	ng	0.00
79) Terphenyl-d14	19.939	244	932375	52.184	ng	0.00
Target Compounds						
					Qvalue	
48) 2-Nitroaniline	13.422	65	184	4.405	ng	# 13
91) Dibenzo(a,h)anthracene	26.468	278	812	4.174	ng	# 1

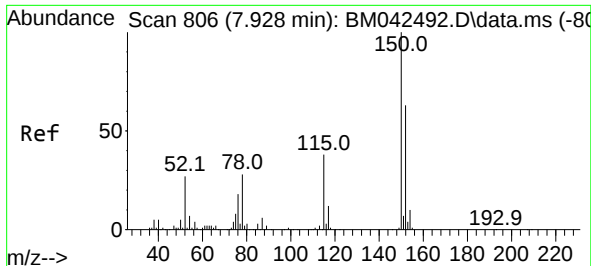
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 01 04:50:13 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

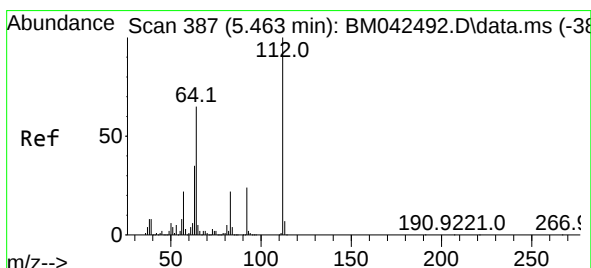
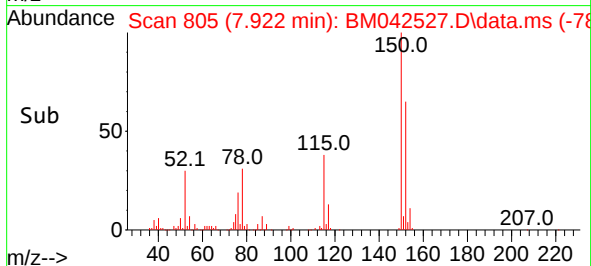
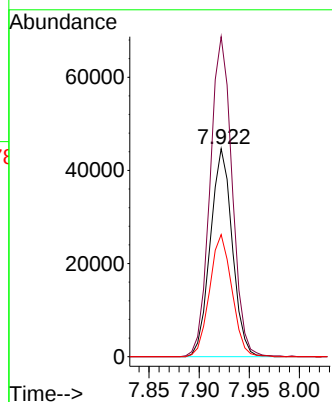
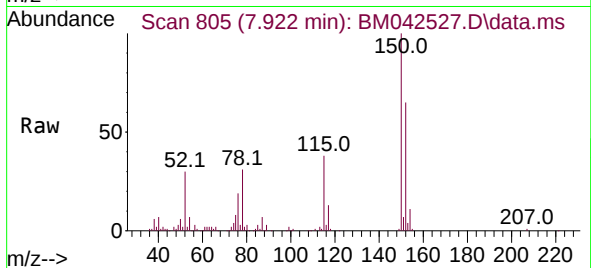




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042527.D
Acq: 01 Nov 2023 01:00

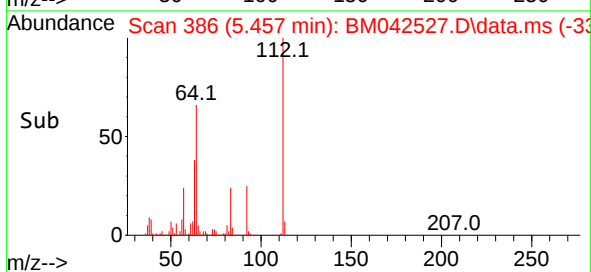
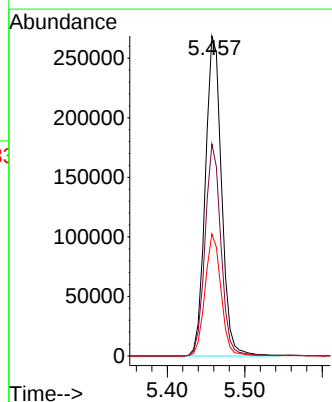
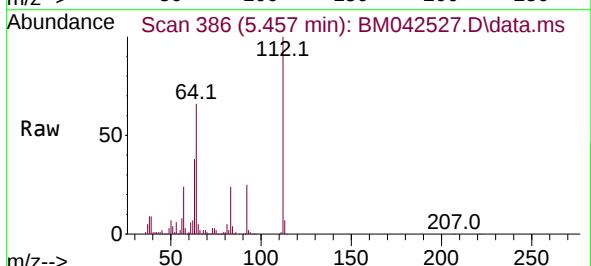
Instrument :
BNA_M
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 68139
Ion Ratio Lower Upper
152 100
150 153.8 127.4 191.0
115 58.7 47.9 71.9



#5
2-Fluorophenol
Concen: 92.674 ng
RT: 5.457 min Scan# 386
Delta R.T. -0.006 min
Lab File: BM042527.D
Acq: 01 Nov 2023 01:00

Tgt Ion:112 Resp: 391274
Ion Ratio Lower Upper
112 100
64 66.2 52.1 78.1
63 38.1 28.3 42.5

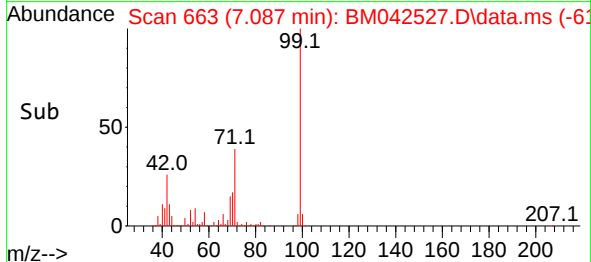
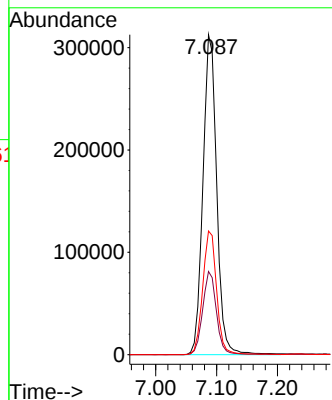
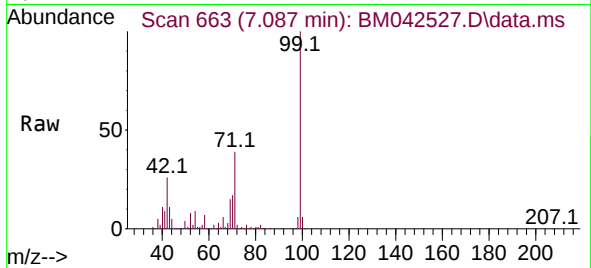




#7
Phenol-d6
Concen: 84.764 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM042527.D
Acq: 01 Nov 2023 01:00

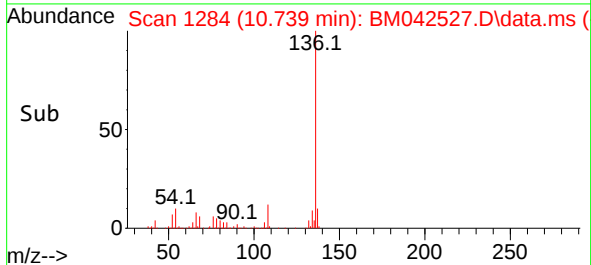
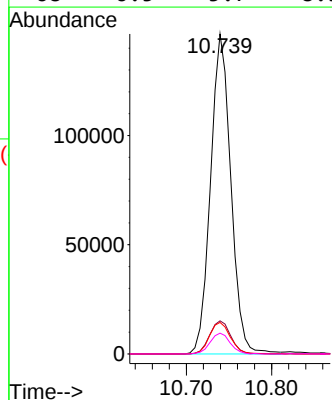
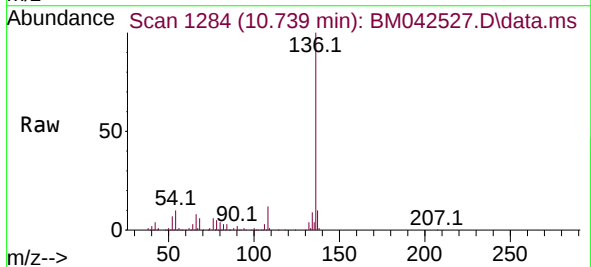
Instrument :
BNA_M
ClientSampleId :
TP-1

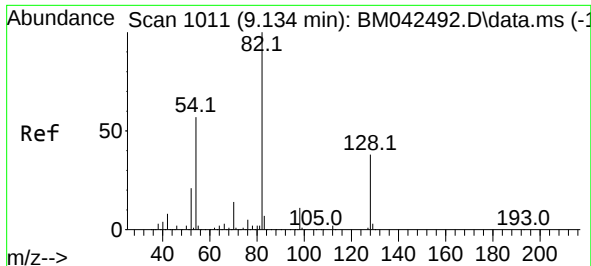
Tgt Ion: 99 Resp: 490815
Ion Ratio Lower Upper
99 100
42 26.0 18.7 28.1
71 38.7 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM042527.D
Acq: 01 Nov 2023 01:00

Tgt Ion:136 Resp: 242649
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.6
54 9.8 8.0 12.0
68 6.5 5.7 8.5





#23

Nitrobenzene-d5

Concen: 62.508 ng

RT: 9.122 min Scan# 1009

Delta R.T. -0.012 min

Lab File: BM042527.D

Acq: 01 Nov 2023 01:00

Instrument :

BNA_M

ClientSampleId :

TP-1

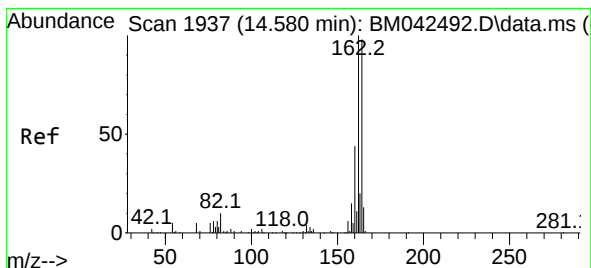
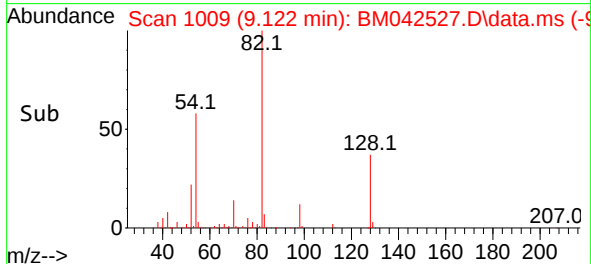
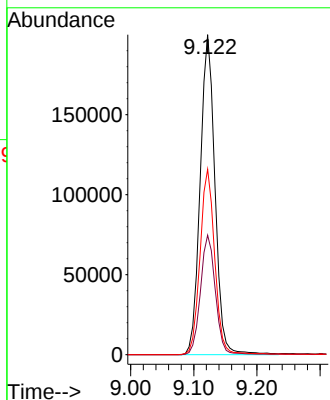
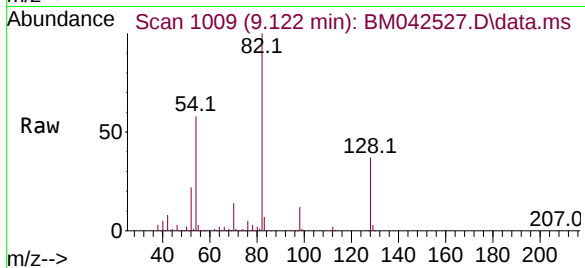
Tgt Ion: 82 Resp: 325367

Ion Ratio Lower Upper

82 100

128 37.4 30.7 46.1

54 57.9 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1935

Delta R.T. -0.011 min

Lab File: BM042527.D

Acq: 01 Nov 2023 01:00

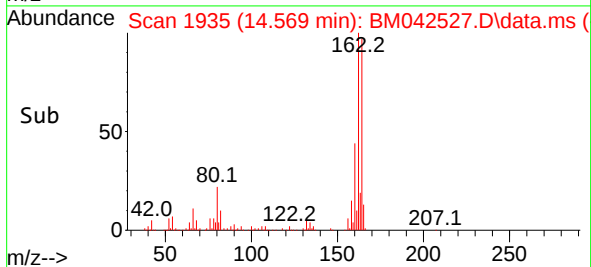
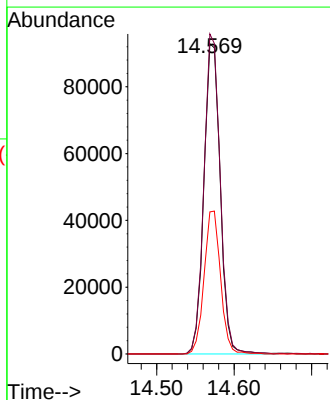
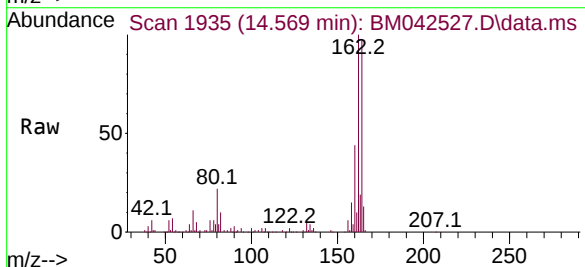
Tgt Ion:164 Resp: 136195

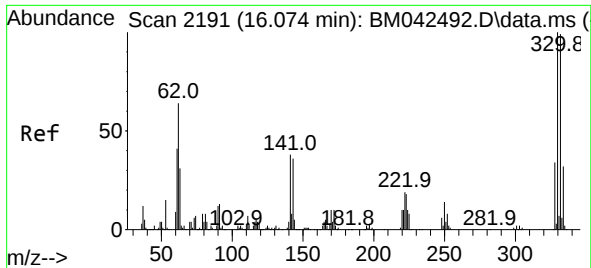
Ion Ratio Lower Upper

164 100

162 103.2 81.6 122.4

160 45.8 36.2 54.4

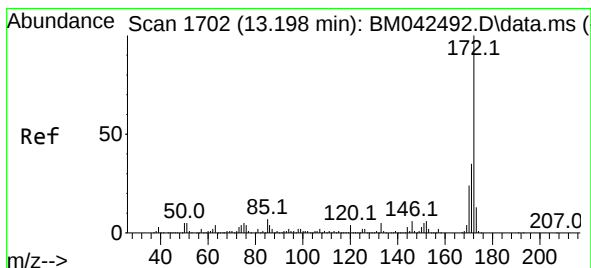
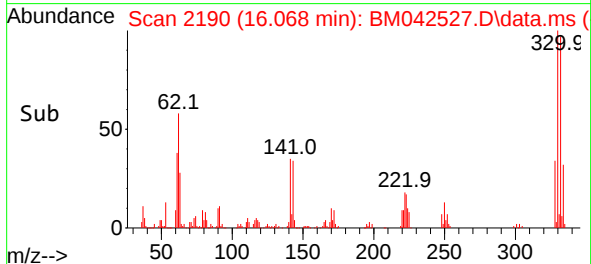
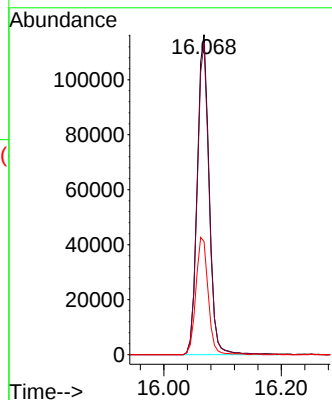
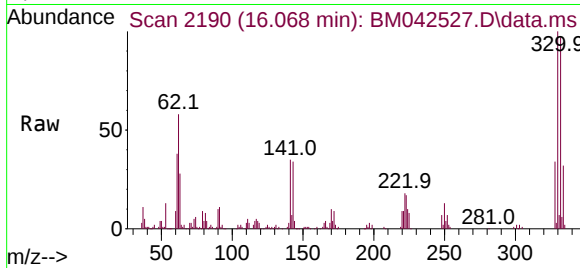




#42
2,4,6-Tribromophenol
Concen: 92.201 ng
RT: 16.068 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BM042527.D
Acq: 01 Nov 2023 01:00

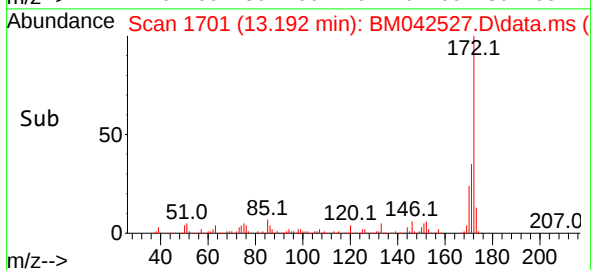
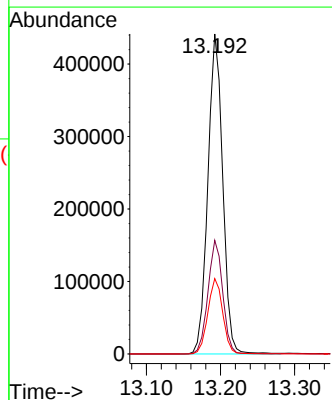
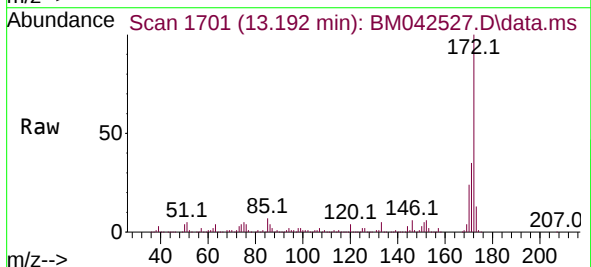
Instrument :
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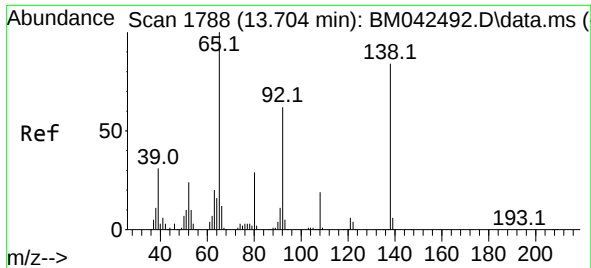
Tgt Ion:330 Resp: 163947
Ion Ratio Lower Upper
330 100
332 96.7 78.8 118.2
141 37.6 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 60.903 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM042527.D
Acq: 01 Nov 2023 01:00

Tgt Ion:172 Resp: 616430
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.6 19.0 28.4

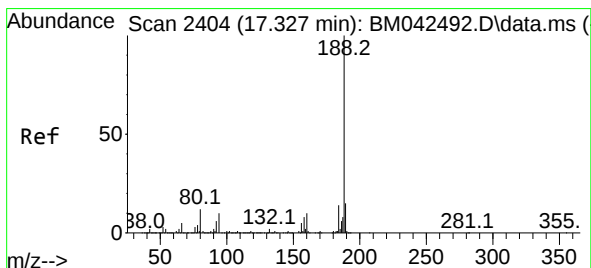
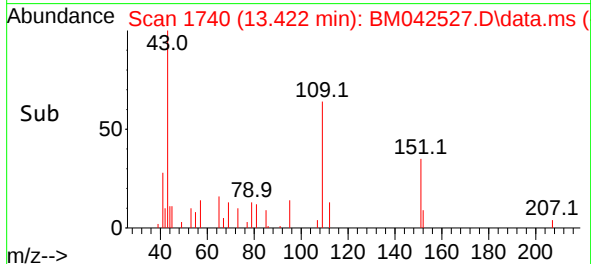
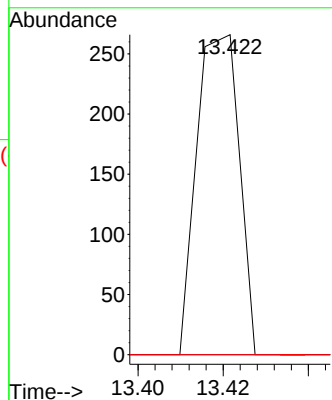
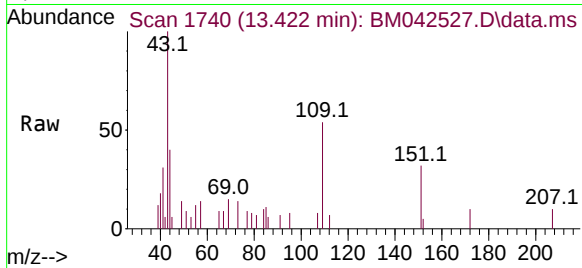




#48
2-Nitroaniline
Concen: 4.405 ng
RT: 13.422 min Scan# 1
Delta R.T. -0.282 min
Lab File: BM042527.D
Acq: 01 Nov 2023 01:00

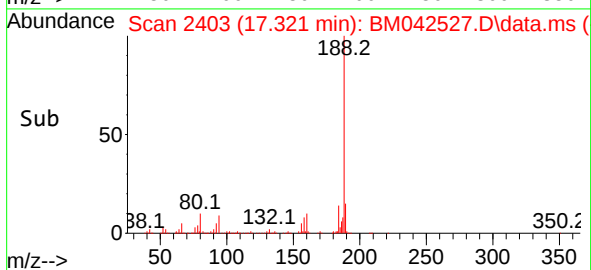
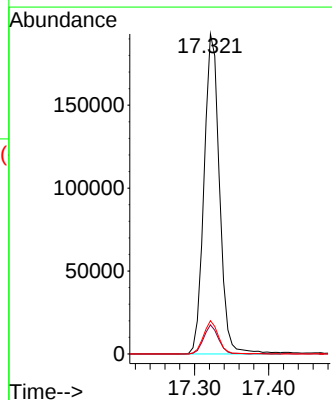
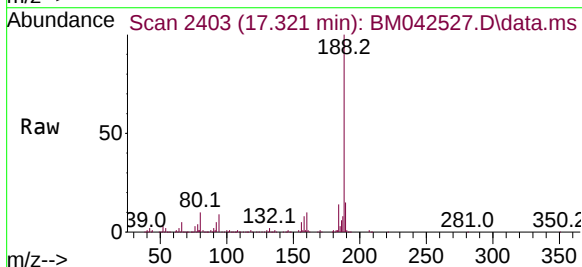
Instrument :
BNA_M
ClientSampleId :
TP-1

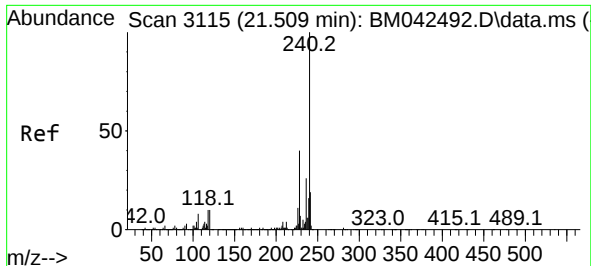
Tgt Ion: 65 Resp: 184
Ion Ratio Lower Upper
65 100
92 0.0 49.4 74.2#
138 0.0 66.9 100.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM042527.D
Acq: 01 Nov 2023 01:00

Tgt Ion:188 Resp: 280012
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.4
80 10.4 9.4 14.2

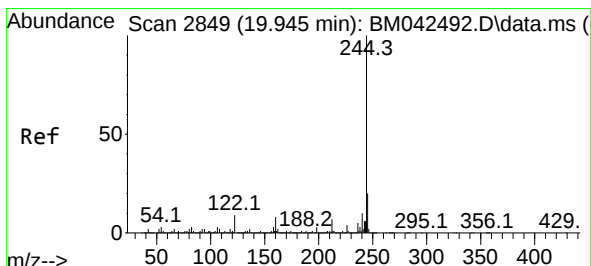
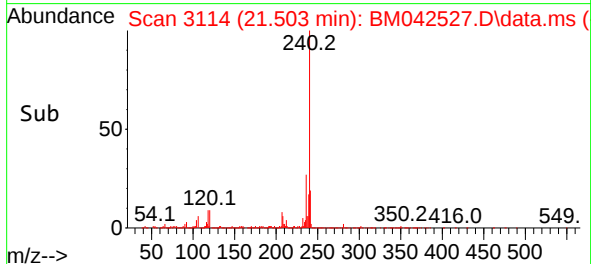
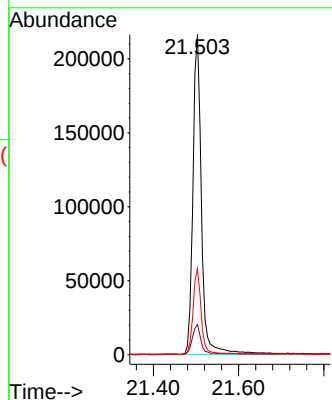
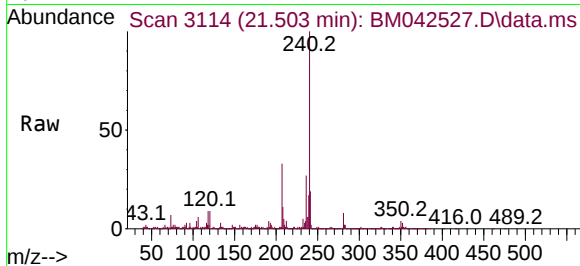




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM042527.D
Acq: 01 Nov 2023 01:00

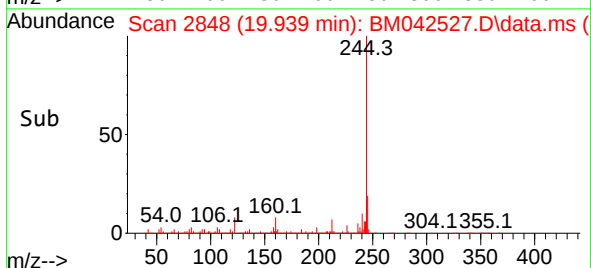
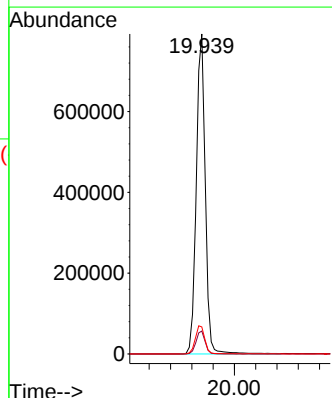
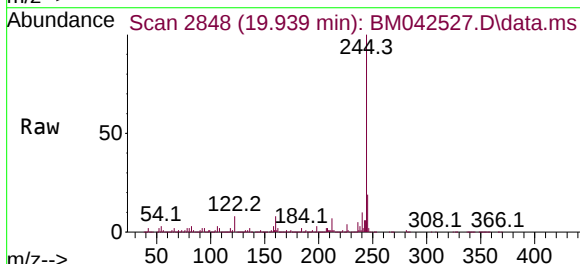
Instrument :
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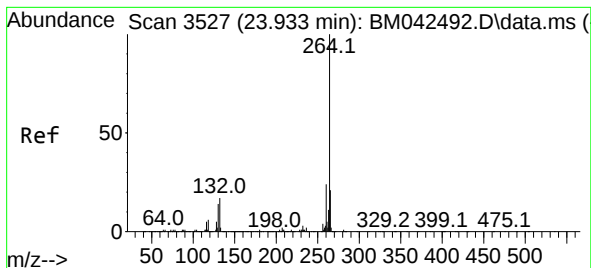
Tgt Ion:240 Resp: 302954
Ion Ratio Lower Upper
240 100
120 9.4 8.3 12.5
236 26.9 20.8 31.2



#79
Terphenyl-d14
Concen: 52.184 ng
RT: 19.939 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM042527.D
Acq: 01 Nov 2023 01:00

Tgt Ion:244 Resp: 932375
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 8.5 7.2 10.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM042527.D

Acq: 01 Nov 2023 01:00

Instrument :

BNA_M

ClientSampleId :

TP-1

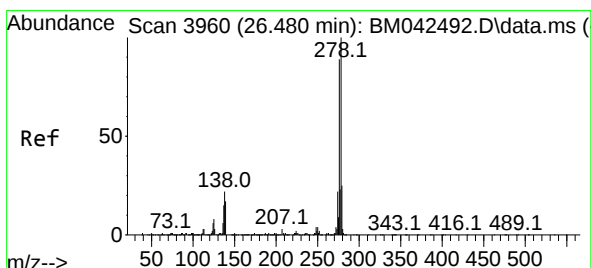
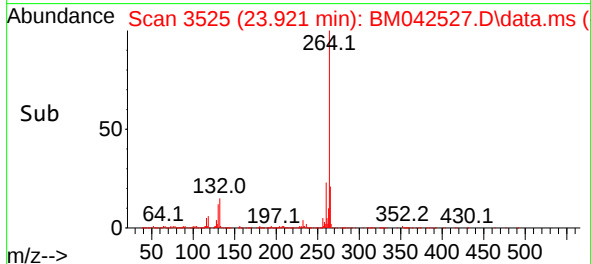
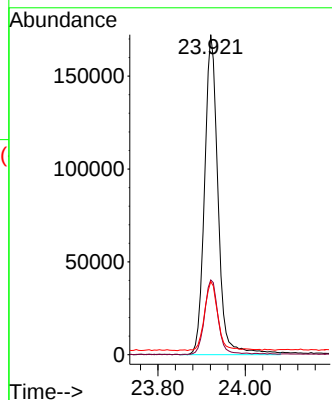
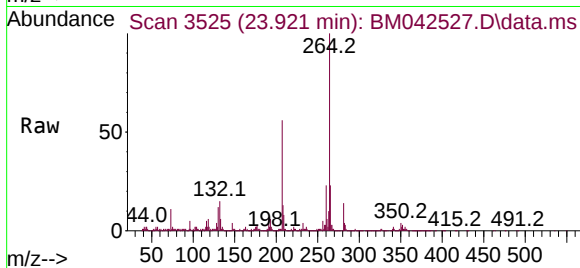
Tgt Ion:264 Resp: 370579

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 22.8 18.7 28.1



#91

Dibenzo(a,h)anthracene

Concen: 4.174 ng

RT: 26.468 min Scan# 3958

Delta R.T. -0.012 min

Lab File: BM042527.D

Acq: 01 Nov 2023 01:00

Tgt Ion:278 Resp: 812

Ion Ratio Lower Upper

278 100

139 55.3 13.4 20.2#

279 79.3 19.7 29.5#

