

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
 Data File : BM042528.D
 Acq On : 01 Nov 2023 01:37
 Operator : MA/JU
 Sample : 04740-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

Quant Time: Nov 01 04:50:34 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)

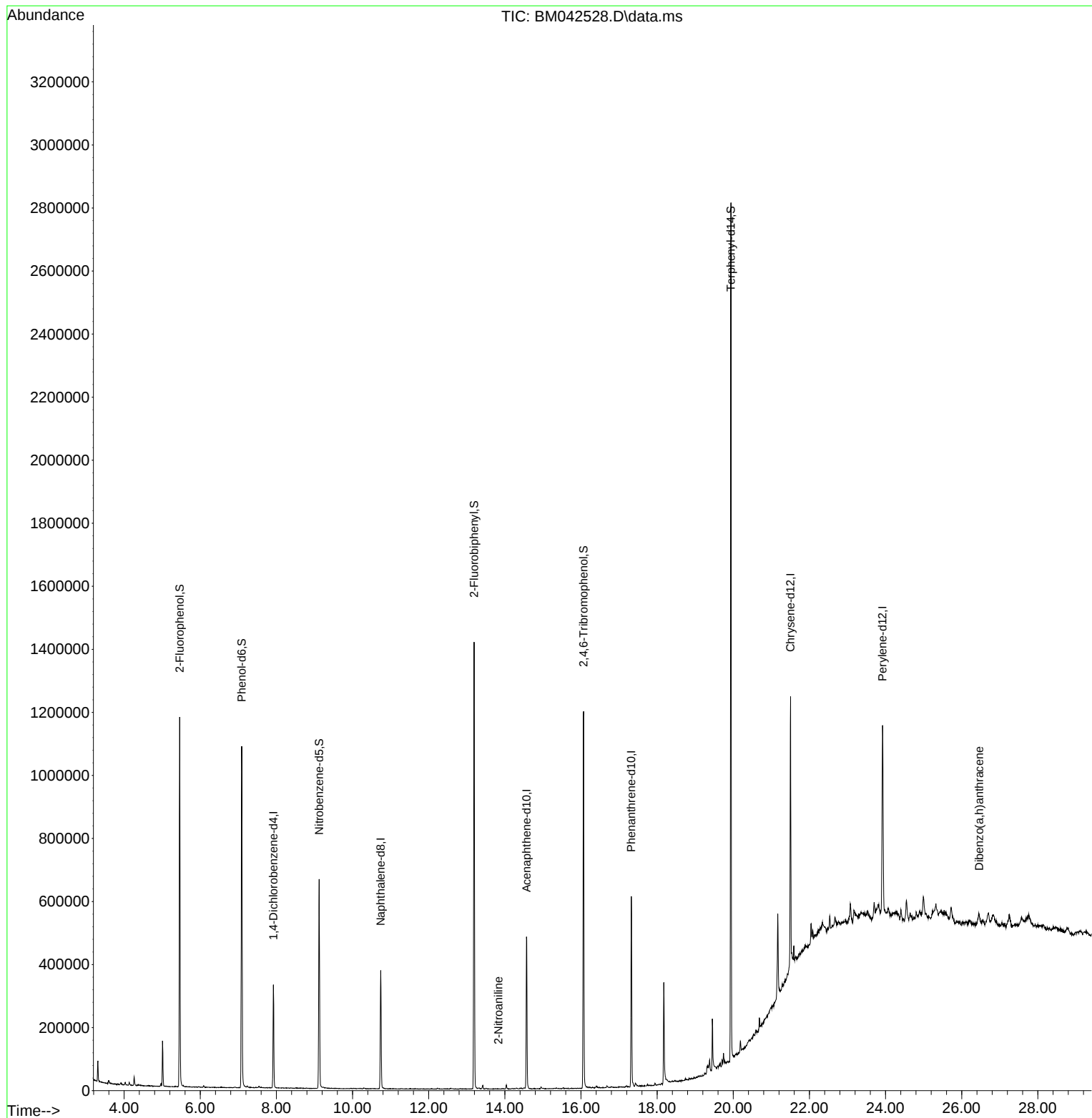
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	77150	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	275274	20.000	ng	-0.01
39) Acenaphthene-d10	14.569	164	153488	20.000	ng	-0.01
64) Phenanthrene-d10	17.321	188	342949	20.000	ng	0.00
76) Chrysene-d12	21.503	240	403362	20.000	ng	0.00
86) Perylene-d12	23.921	264	465599	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	424523	88.805	ng	0.00
7) Phenol-d6	7.087	99	530819	80.965	ng	-0.01
23) Nitrobenzene-d5	9.122	82	352801	59.745	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	189101	94.366	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	665324	58.328	ng	0.00
79) Terphenyl-d14	19.939	244	1191869	50.102	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.833	65	56	4.365	ng	# 13
91) Dibenzo(a,h)anthracene	26.462	278	3727	4.271	ng	# 1

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

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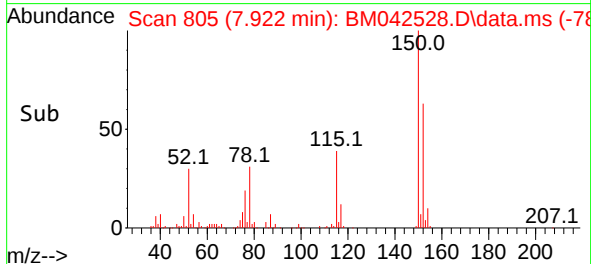
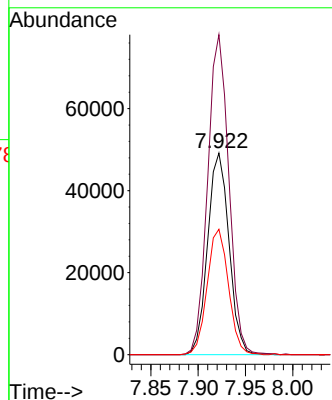
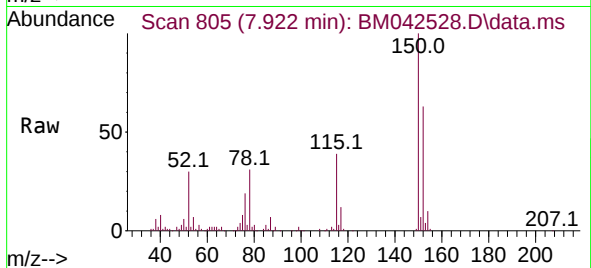




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042528.D
Acq: 01 Nov 2023 01:37

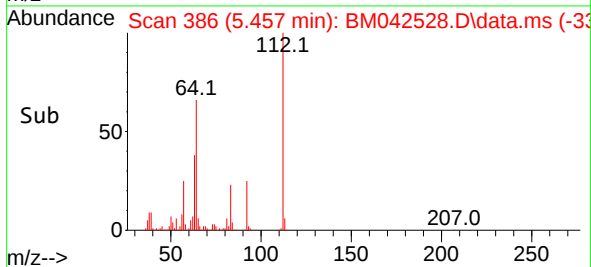
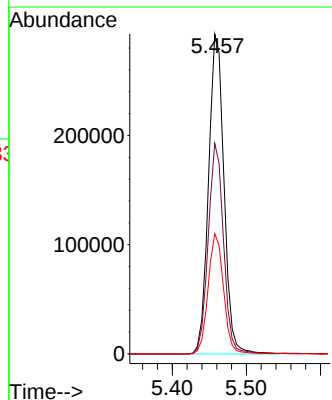
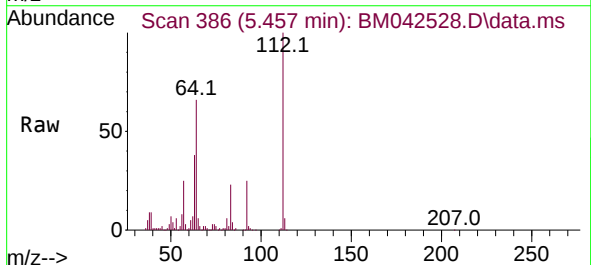
Instrument :
BNA_M
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 77150
Ion Ratio Lower Upper
152 100
150 158.7 127.4 191.0
115 62.2 47.9 71.9



#5
2-Fluorophenol
Concen: 88.805 ng
RT: 5.457 min Scan# 386
Delta R.T. -0.006 min
Lab File: BM042528.D
Acq: 01 Nov 2023 01:37

Tgt Ion:112 Resp: 424523
Ion Ratio Lower Upper
112 100
64 65.8 52.1 78.1
63 37.6 28.3 42.5

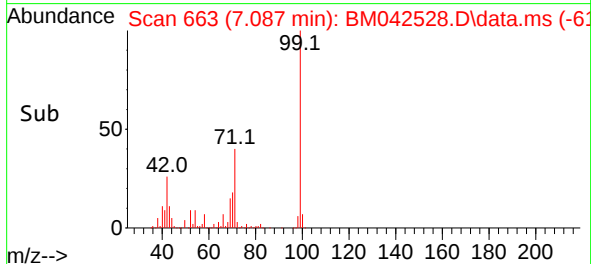
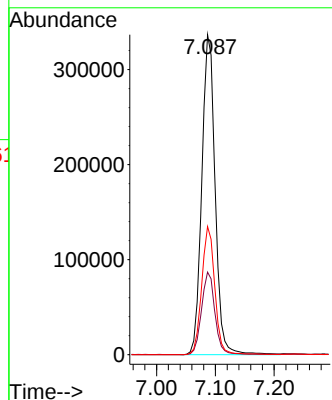
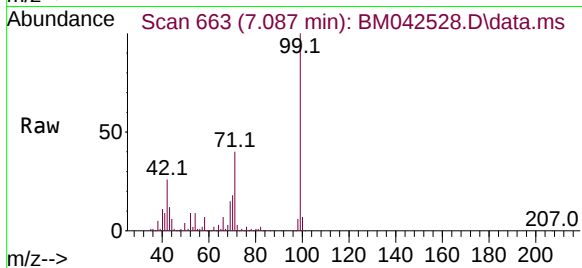




#7
Phenol-d6
Concen: 80.965 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM042528.D
Acq: 01 Nov 2023 01:37

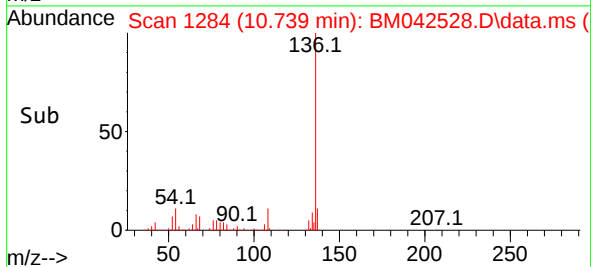
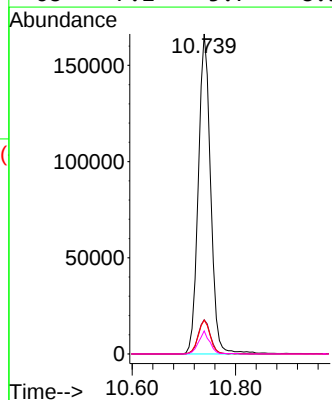
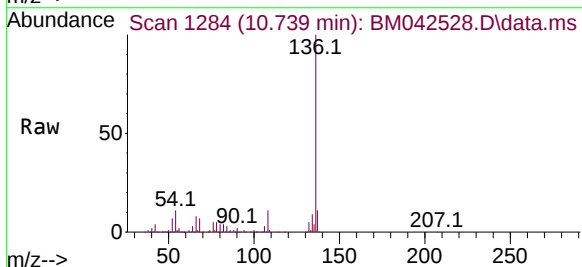
Instrument :
BNA_M
ClientSampleId :
TP-2

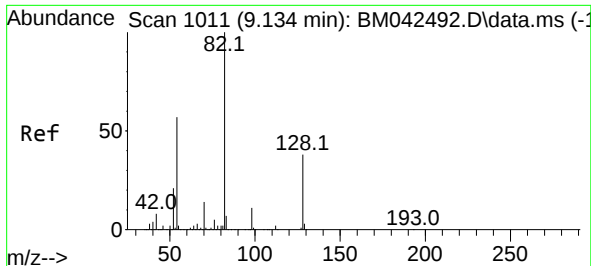
Tgt Ion: 99 Resp: 530819
Ion Ratio Lower Upper
99 100
42 25.8 18.7 28.1
71 40.0 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM042528.D
Acq: 01 Nov 2023 01:37

Tgt Ion: 136 Resp: 275274
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 10.6 8.0 12.0
68 7.2 5.7 8.5

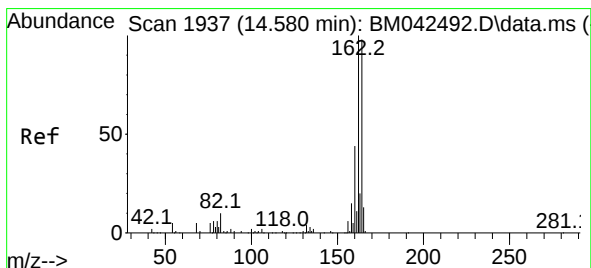
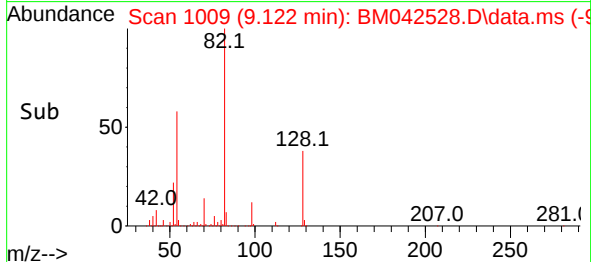
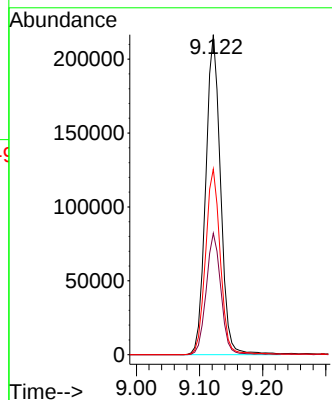
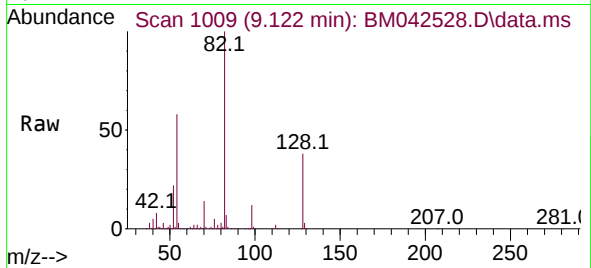




#23
Nitrobenzene-d5
Concen: 59.745 ng
RT: 9.122 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BM042528.D
Acq: 01 Nov 2023 01:37

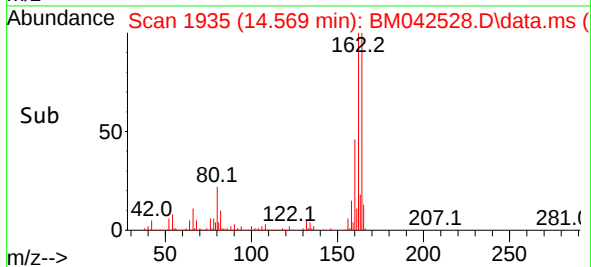
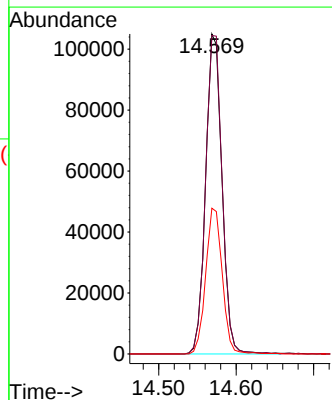
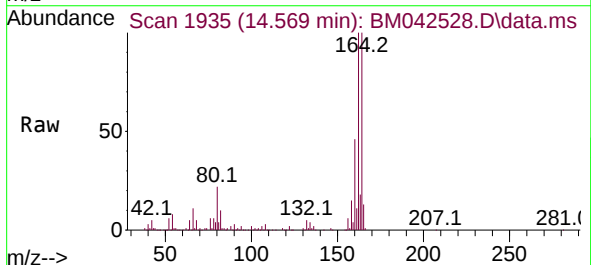
Instrument :
BNA_M
ClientSampleId :
TP-2

Tgt Ion: 82 Resp: 352801
Ion Ratio Lower Upper
82 100
128 38.0 30.7 46.1
54 58.0 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: BM042528.D
Acq: 01 Nov 2023 01:37

Tgt Ion:164 Resp: 153488
Ion Ratio Lower Upper
164 100
162 99.6 81.6 122.4
160 45.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 94.366 ng

RT: 16.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042528.D

Acq: 01 Nov 2023 01:37

Instrument :

BNA_M

ClientSampleId :

TP-2

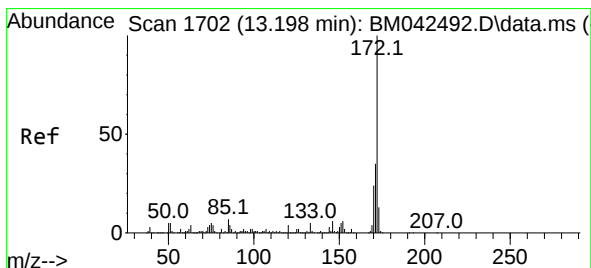
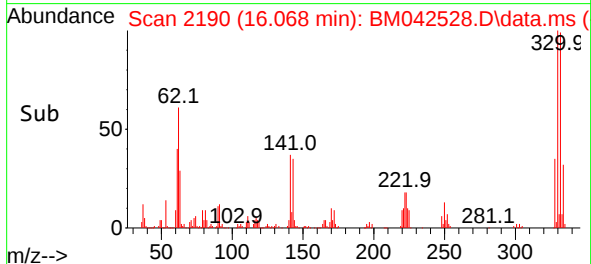
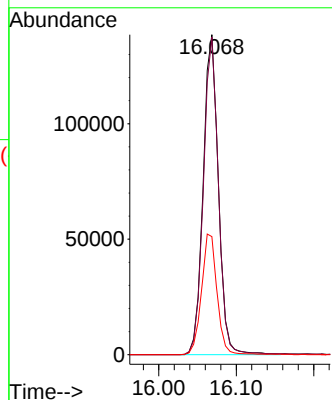
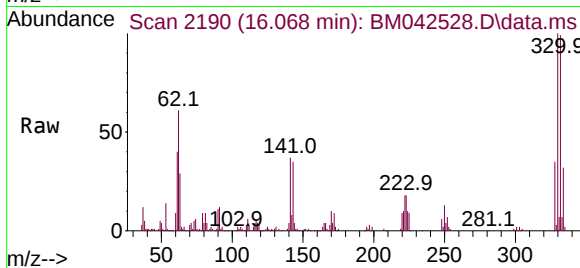
Tgt Ion:330 Resp: 189101

Ion Ratio Lower Upper

330 100

332 98.0 78.8 118.2

141 38.4 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 58.328 ng

RT: 13.192 min Scan# 1701

Delta R.T. -0.006 min

Lab File: BM042528.D

Acq: 01 Nov 2023 01:37

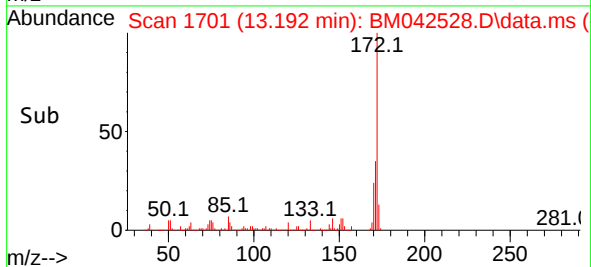
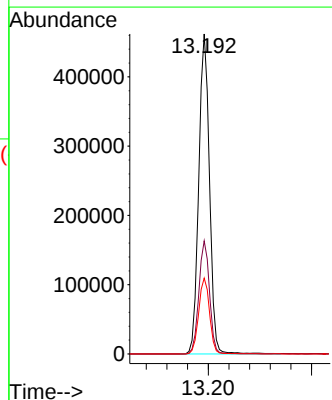
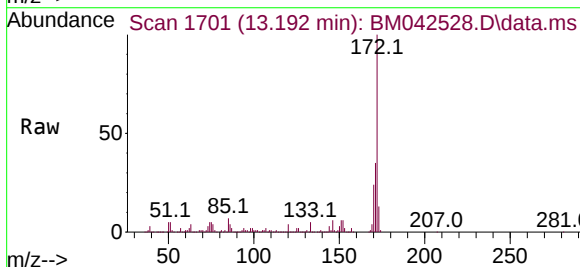
Tgt Ion:172 Resp: 665324

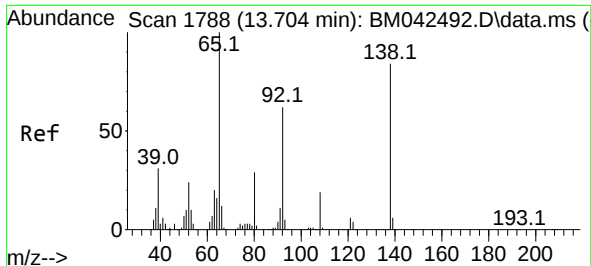
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.7 19.0 28.4

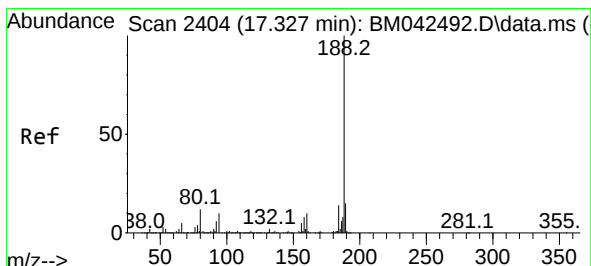
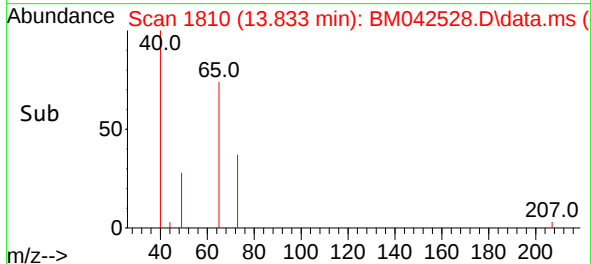
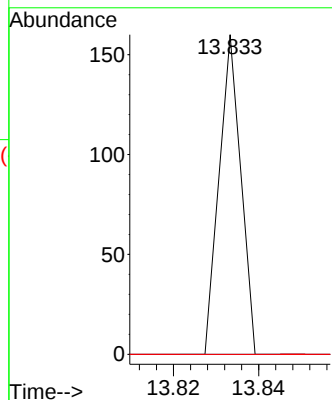
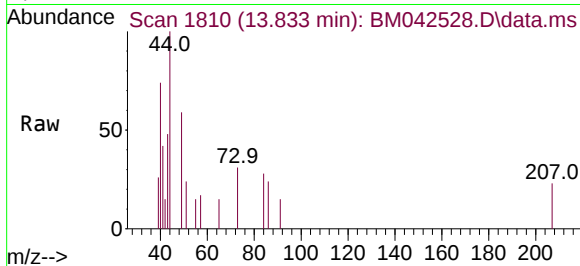




#48
2-Nitroaniline
Concen: 4.365 ng
RT: 13.833 min Scan# 11
Delta R.T. 0.129 min
Lab File: BM042528.D
Acq: 01 Nov 2023 01:37

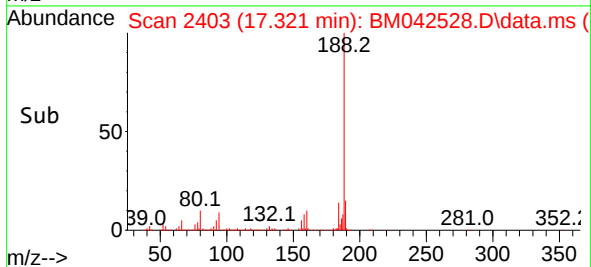
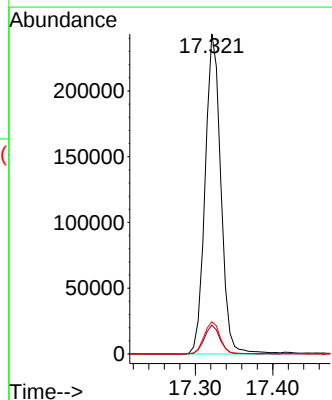
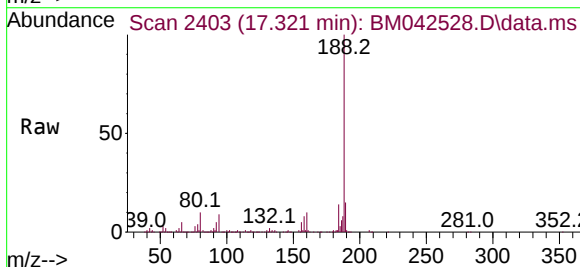
Instrument :
BNA_M
ClientSampleId :
TP-2

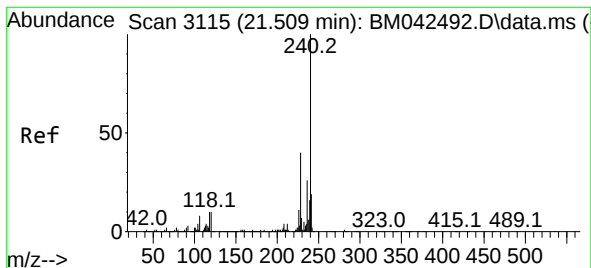
Tgt Ion: 65 Resp: 56
Ion Ratio Lower Upper
65 100
92 0.0 49.4 74.2#
138 0.0 66.9 100.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM042528.D
Acq: 01 Nov 2023 01:37

Tgt Ion: 188 Resp: 342949
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.4
80 10.1 9.4 14.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BM042528.D

Acq: 01 Nov 2023 01:37

Instrument :

BNA_M

ClientSampleId :

TP-2

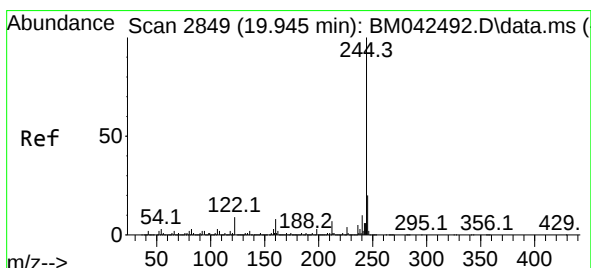
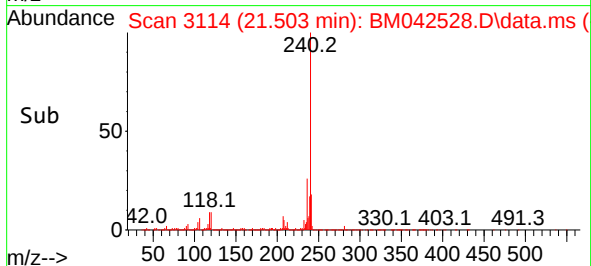
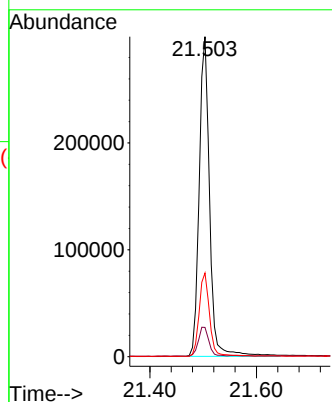
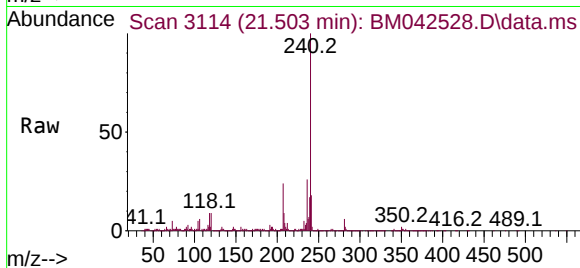
Tgt Ion:240 Resp: 403362

Ion Ratio Lower Upper

240 100

120 9.1 8.3 12.5

236 26.1 20.8 31.2



#79

Terphenyl-d14

Concen: 50.102 ng

RT: 19.939 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BM042528.D

Acq: 01 Nov 2023 01:37

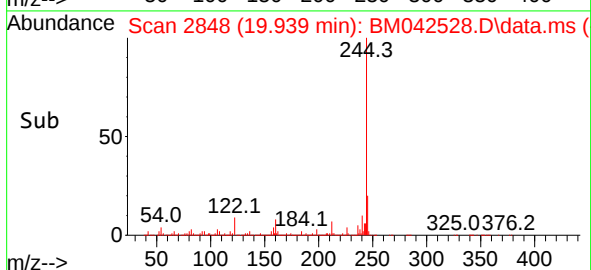
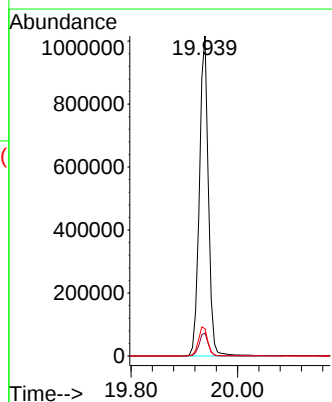
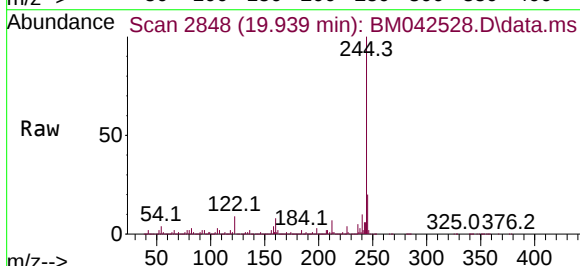
Tgt Ion:244 Resp: 1191869

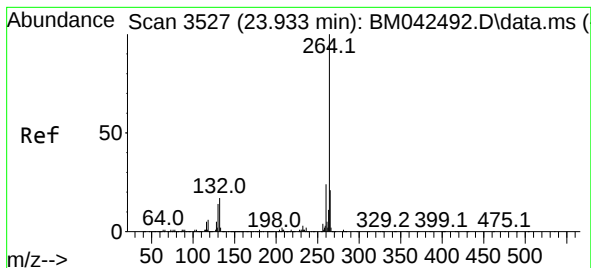
Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 8.6 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: BM042528.D

Acq: 01 Nov 2023 01:37

Instrument :

BNA_M

ClientSampleId :

TP-2

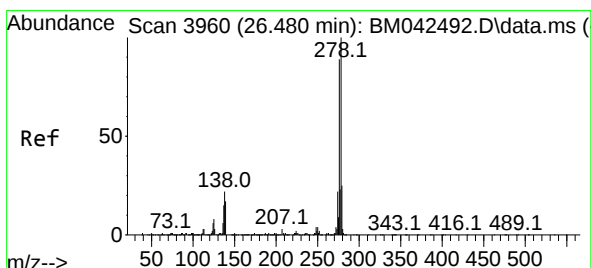
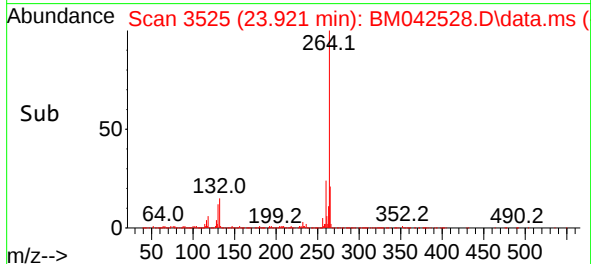
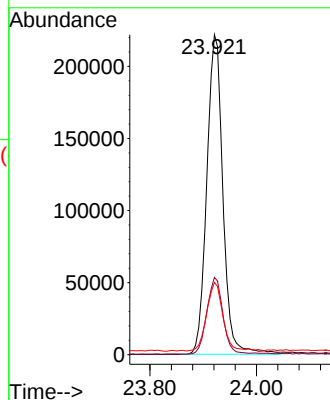
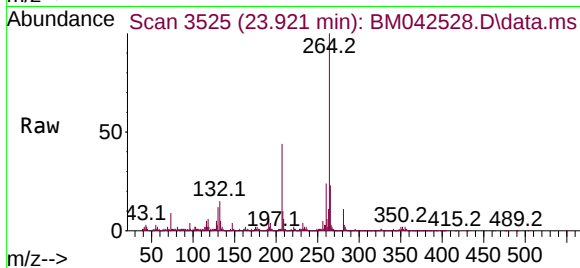
Tgt Ion:264 Resp: 465599

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

265 22.6 18.7 28.1



#91

Dibenzo(a,h)anthracene

Concen: 4.271 ng

RT: 26.462 min Scan# 3957

Delta R.T. -0.018 min

Lab File: BM042528.D

Acq: 01 Nov 2023 01:37

Tgt Ion:278 Resp: 3727

Ion Ratio Lower Upper

278 100

139 63.3 13.4 20.2#

279 71.5 19.7 29.5#

