

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039546.D
 Acq On : 21 Apr 2023 11:18
 Operator : CG/JU
 Sample : 02270-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-30-2-4-20230412

Quant Time: Apr 22 01:42:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 12:46:01 2023
 Response via : Initial Calibration

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

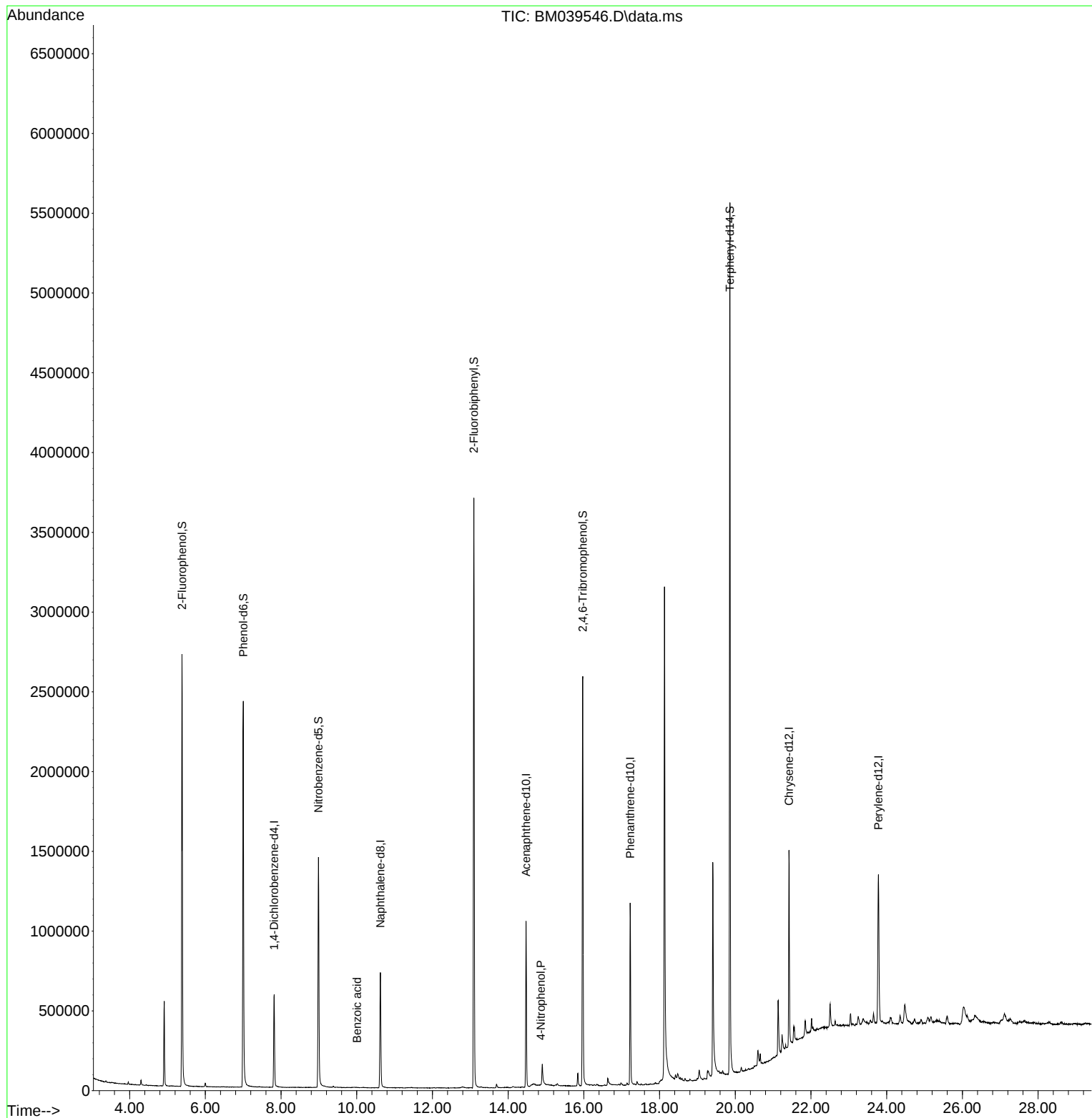
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	158100	20.000	ng	0.00
21) Naphthalene-d8	10.625	136	611108	20.000	ng	0.00
39) Acenaphthene-d10	14.472	164	346706	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	682764	20.000	ng	0.00
76) Chrysene-d12	21.418	240	605946	20.000	ng	0.00
86) Perylene-d12	23.783	264	715098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1150429	118.887	ng	0.00
7) Phenol-d6	7.001	99	1433018	100.767	ng	0.00
23) Nitrobenzene-d5	8.989	82	872375	69.907	ng	0.00
42) 2,4,6-Tribromophenol	15.971	330	451158	100.279	ng	0.00
45) 2-Fluorobiphenyl	13.095	172	1871065	74.670	ng	0.00
79) Terphenyl-d14	19.859	244	2576391	76.705	ng	0.00
Target Compounds						
32) Benzoic acid	10.007	122	78	6.001	ng	# 50
56) 4-Nitrophenol	14.860	139	53	5.413	ng	# 56

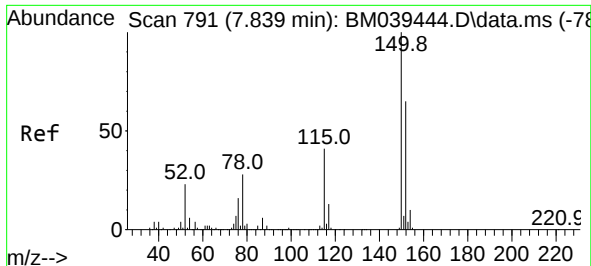
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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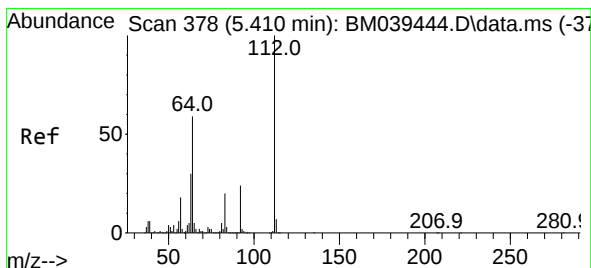
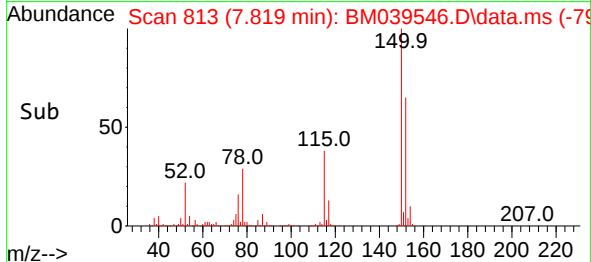
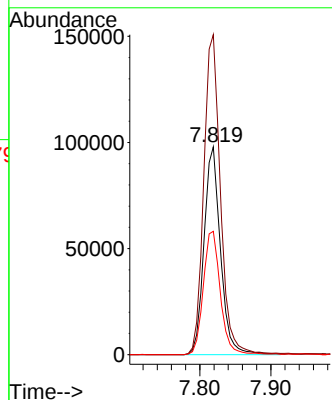
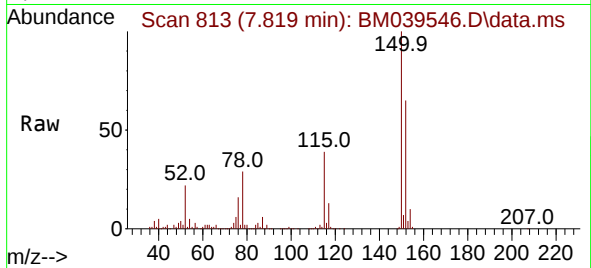




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.819 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039546.D
Acq: 21 Apr 2023 11:18

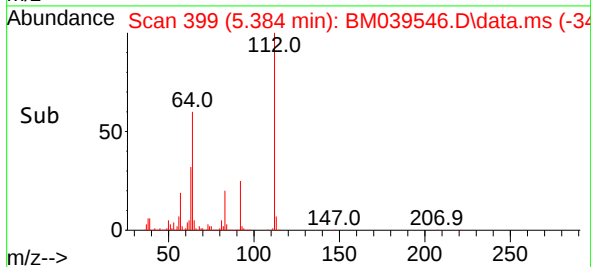
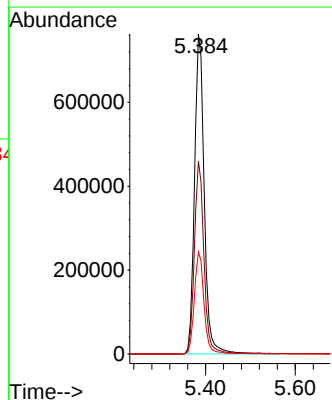
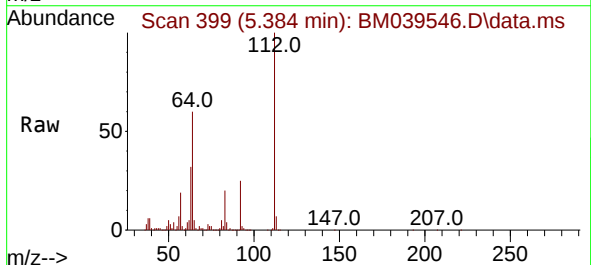
Instrument :
BNA_M
ClientSampleId :
SB-30-2-4-20230412

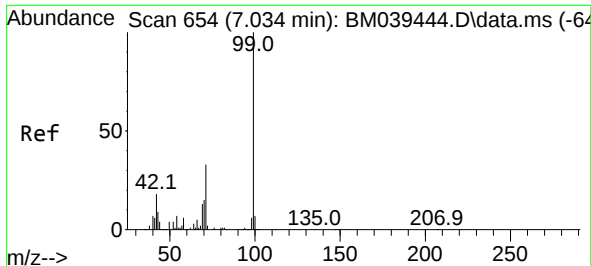
Tgt Ion:152 Resp: 158100
Ion Ratio Lower Upper
152 100
150 153.9 123.0 184.4
115 59.3 49.9 74.9



#5
2-Fluorophenol
Concen: 118.887 ng
RT: 5.384 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM039546.D
Acq: 21 Apr 2023 11:18

Tgt Ion:112 Resp: 1150429
Ion Ratio Lower Upper
112 100
64 60.3 47.0 70.4
63 31.9 24.2 36.4

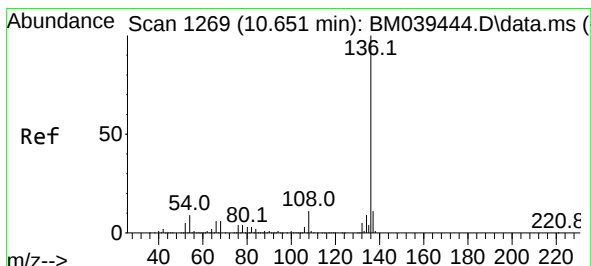
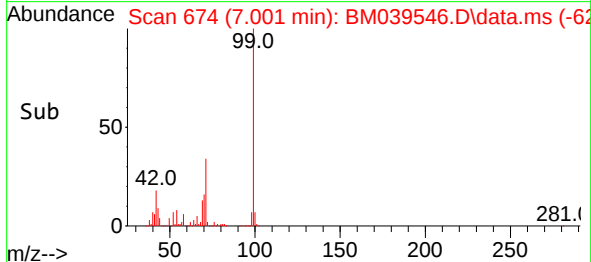
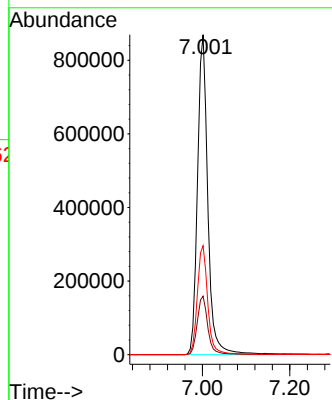
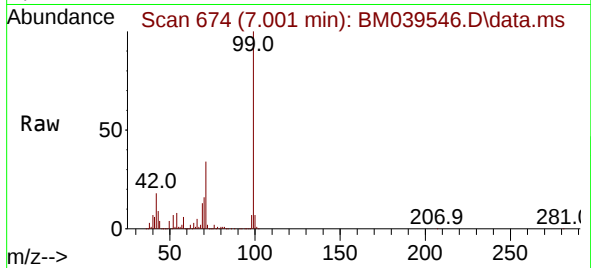




#7
Phenol-d6
Concen: 100.767 ng
RT: 7.001 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039546.D
Acq: 21 Apr 2023 11:18

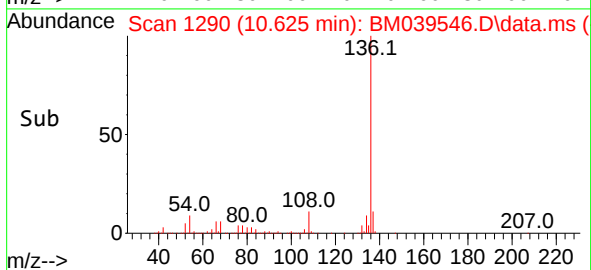
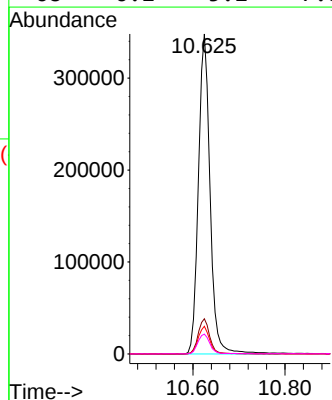
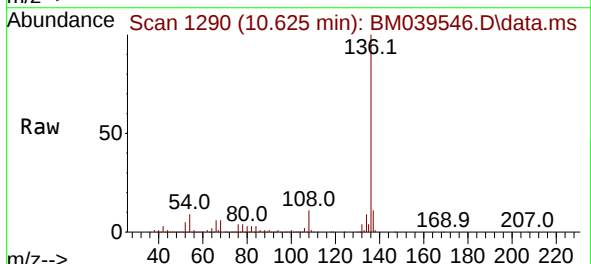
Instrument :
BNA_M
ClientSampleId :
SB-30-2-4-20230412

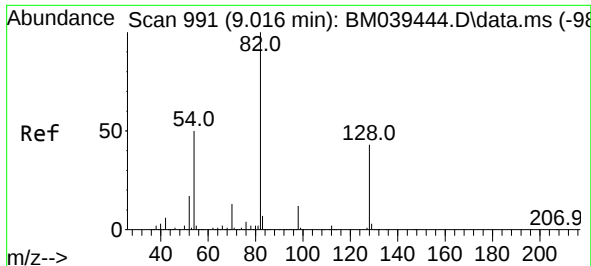
Tgt Ion: 99 Resp: 1433018
Ion Ratio Lower Upper
99 100
42 18.3 14.2 21.4
71 34.1 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.625 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM039546.D
Acq: 21 Apr 2023 11:18

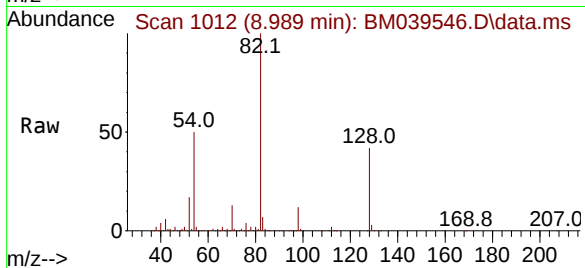
Tgt Ion: 136 Resp: 611108
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.6 6.9 10.3
68 6.2 5.2 7.8



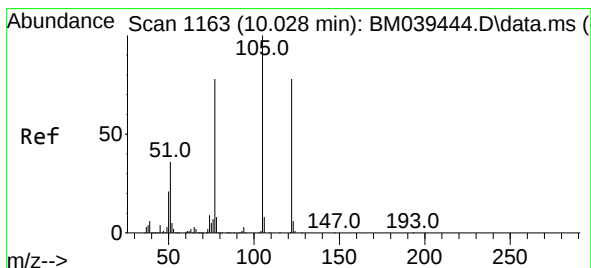
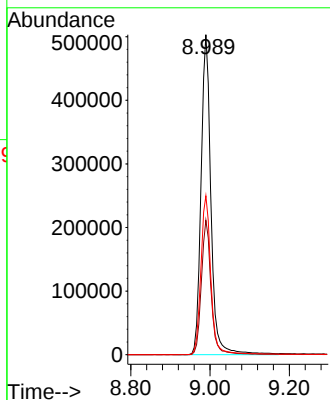
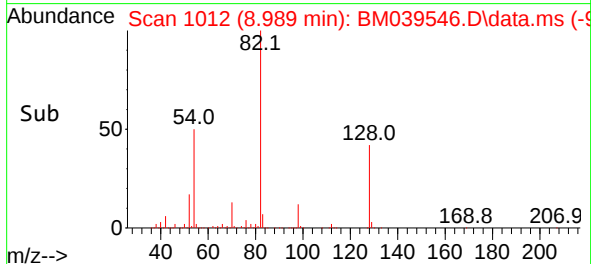


#23
Nitrobenzene-d5
Concen: 69.907 ng
RT: 8.989 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BM039546.D
Acq: 21 Apr 2023 11:18

Instrument :
BNA_M
ClientSampleId :
SB-30-2-4-20230412

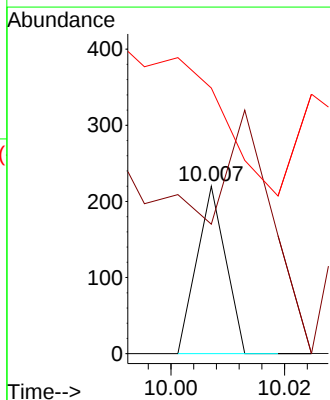
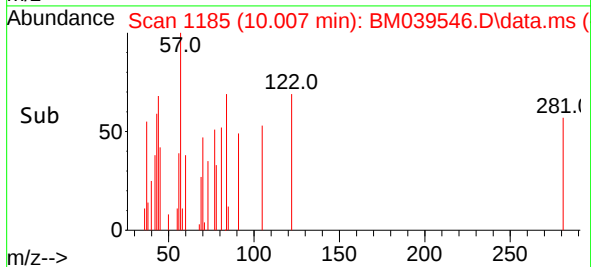
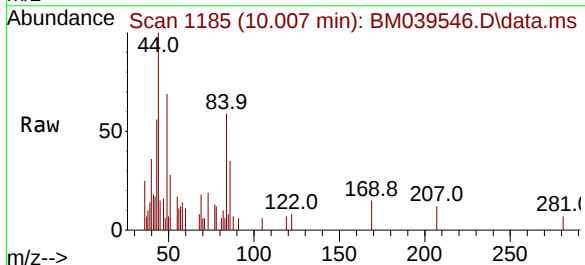


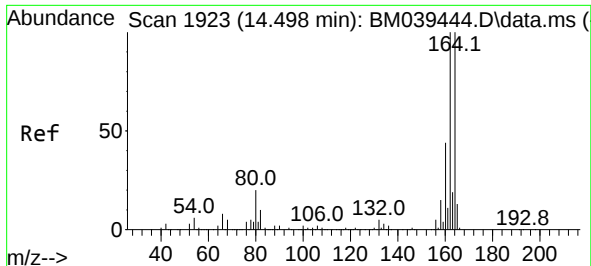
Tgt Ion: 82 Resp: 872375
Ion Ratio Lower Upper
82 100
128 42.0 34.2 51.2
54 49.6 39.7 59.5



#32
Benzoic acid
Concen: 6.001 ng
RT: 10.007 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BM039546.D
Acq: 21 Apr 2023 11:18

Tgt Ion: 122 Resp: 78
Ion Ratio Lower Upper
122 100
105 77.3 105.9 145.9#
77 158.6 78.8 118.8#

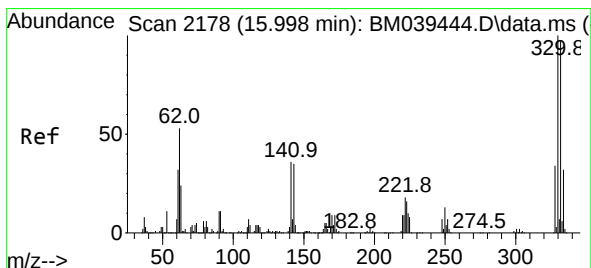
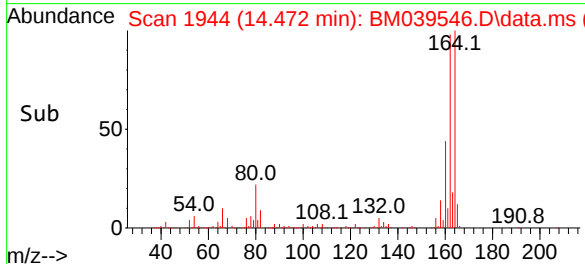
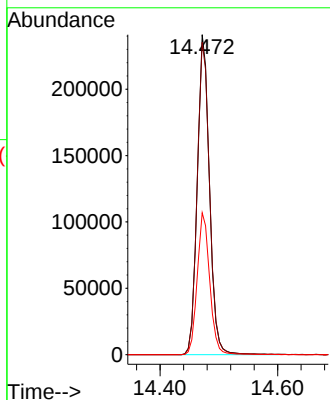
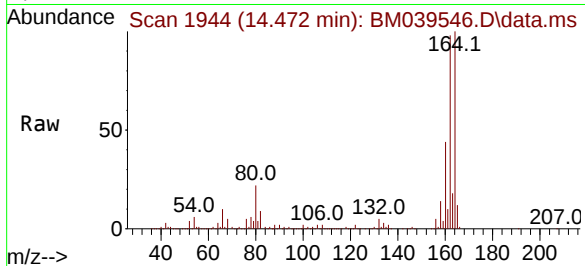




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.472 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BM039546.D
Acq: 21 Apr 2023 11:18

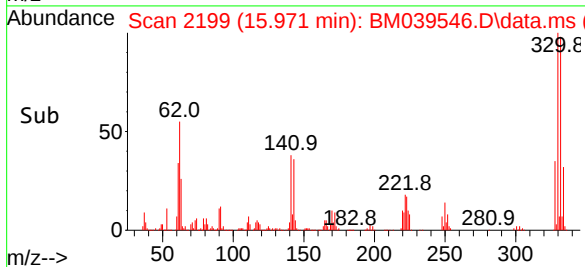
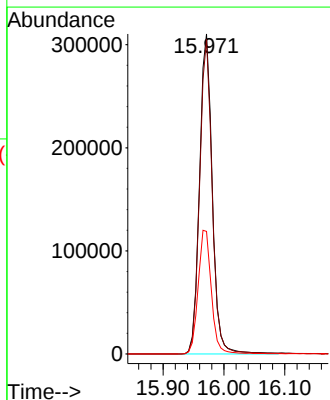
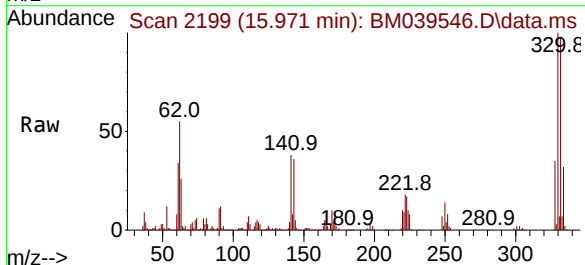
Instrument :
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ClientSampleId :
SB-30-2-4-20230412

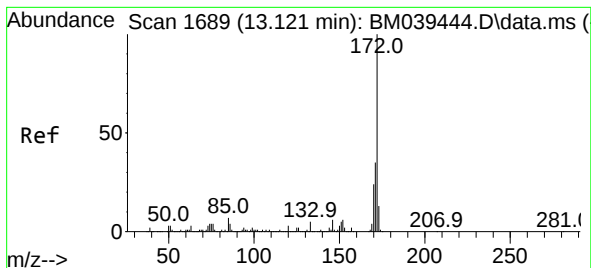
Tgt Ion:164 Resp: 346706
Ion Ratio Lower Upper
164 100
162 97.6 79.8 119.8
160 44.3 35.0 52.4



#42
2,4,6-Tribromophenol
Concen: 100.279 ng
RT: 15.971 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BM039546.D
Acq: 21 Apr 2023 11:18

Tgt Ion:330 Resp: 451158
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 40.0 31.0 46.6





#45

2-Fluorobiphenyl

Concen: 74.670 ng

RT: 13.095 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039546.D

Acq: 21 Apr 2023 11:18

Instrument :

BNA_M

ClientSampleId :

SB-30-2-4-20230412

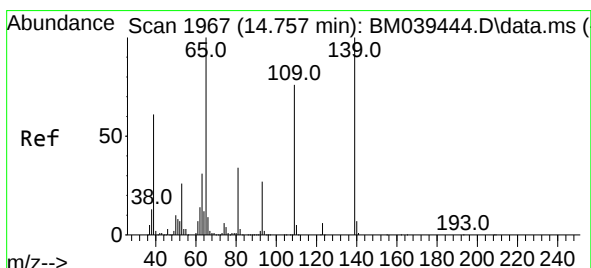
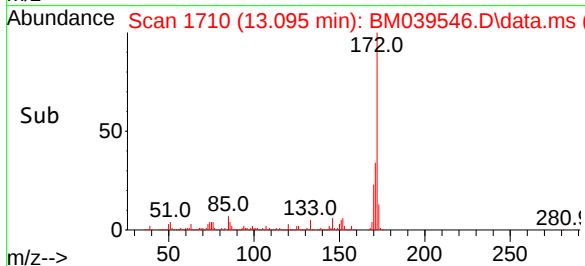
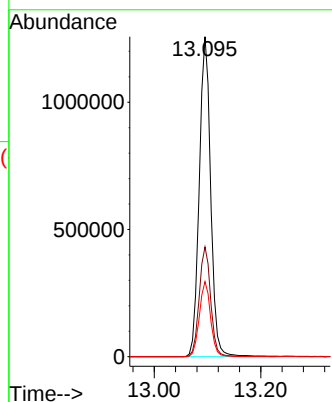
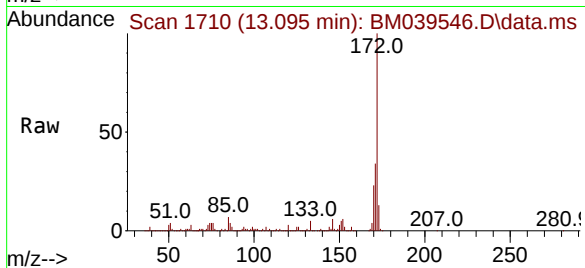
Tgt Ion:172 Resp: 1871065

Ion Ratio Lower Upper

172 100

171 34.3 27.8 41.8

170 23.5 19.0 28.4



#56

4-Nitrophenol

Concen: 5.413 ng

RT: 14.860 min Scan# 2010

Delta R.T. 0.129 min

Lab File: BM039546.D

Acq: 21 Apr 2023 11:18

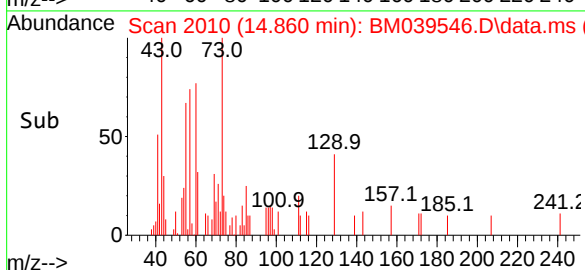
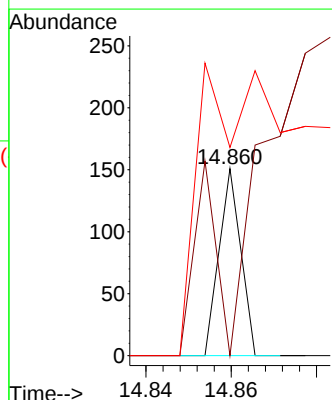
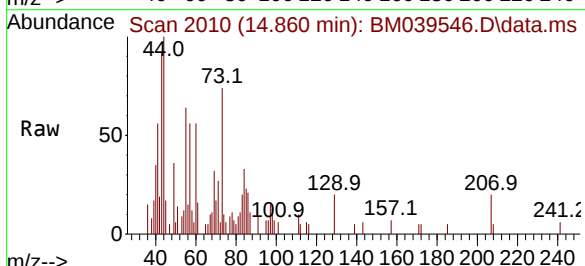
Tgt Ion:139 Resp: 53

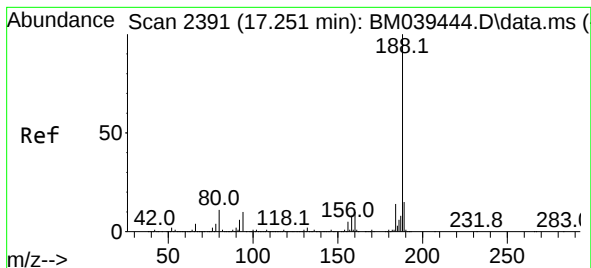
Ion Ratio Lower Upper

139 100

109 0.0 56.5 96.5#

65 111.3 81.3 121.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.224 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BM039546.D

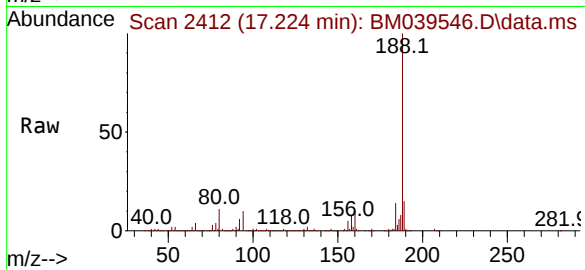
Acq: 21 Apr 2023 11:18

Instrument :

BNA_M

ClientSampleId :

SB-30-2-4-20230412



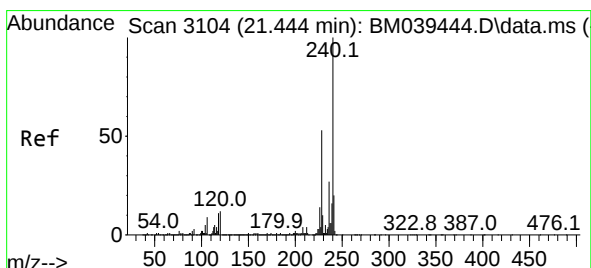
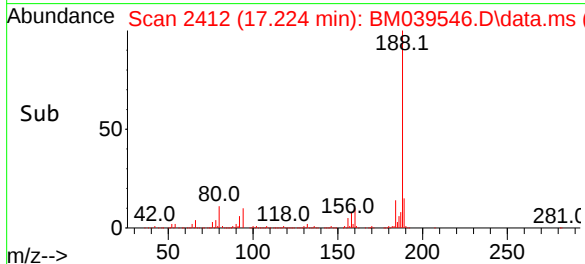
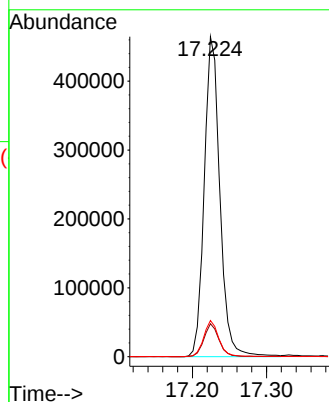
Tgt Ion:188 Resp: 682764

Ion Ratio Lower Upper

188 100

94 10.3 7.9 11.9

80 11.3 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.418 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BM039546.D

Acq: 21 Apr 2023 11:18

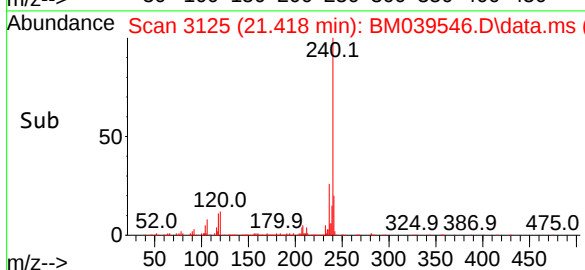
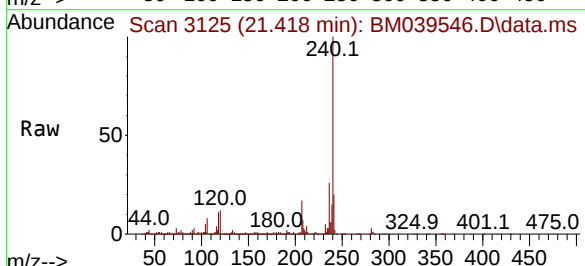
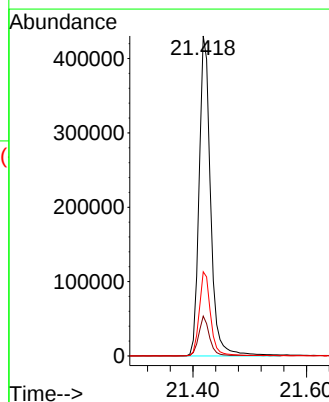
Tgt Ion:240 Resp: 605946

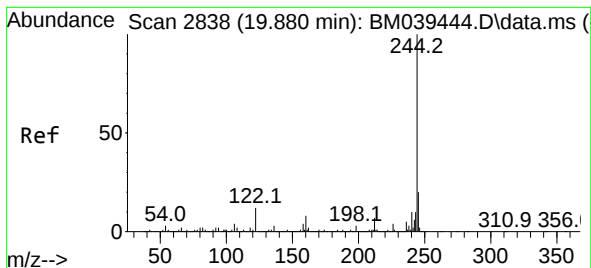
Ion Ratio Lower Upper

240 100

120 12.5 9.4 14.2

236 26.3 21.2 31.8





#79

Terphenyl-d14

Concen: 76.705 ng

RT: 19.859 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039546.D

Acq: 21 Apr 2023 11:18

Instrument :

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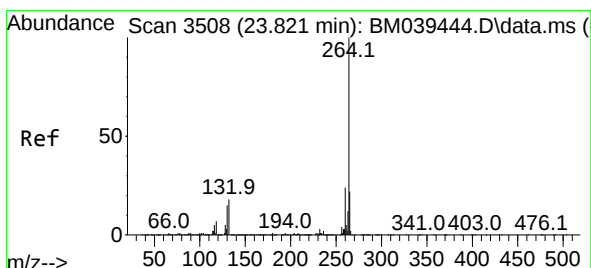
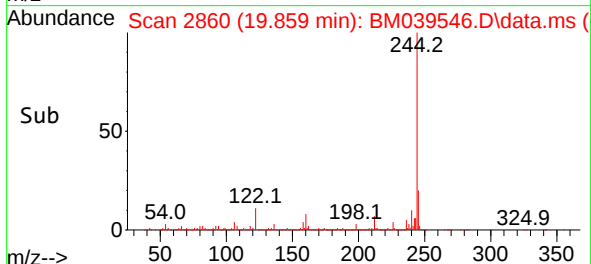
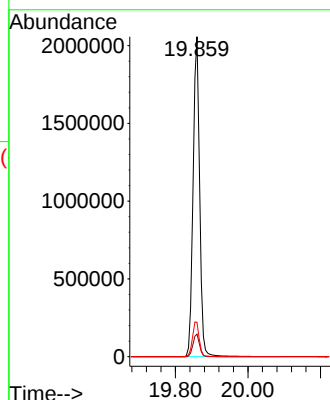
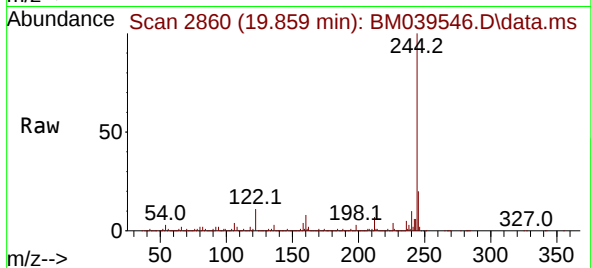
Tgt Ion:244 Resp: 2576391

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.8 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.783 min Scan# 3527

Delta R.T. -0.006 min

Lab File: BM039546.D

Acq: 21 Apr 2023 11:18

Tgt Ion:264 Resp: 715098

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.9 18.0 27.0

