

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081523\
 Data File : BM041410.D
 Acq On : 15 Aug 2023 17:42
 Operator : MA/JU
 Sample : 04009-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CONC-COMP

Quant Time: Aug 16 01:11:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

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

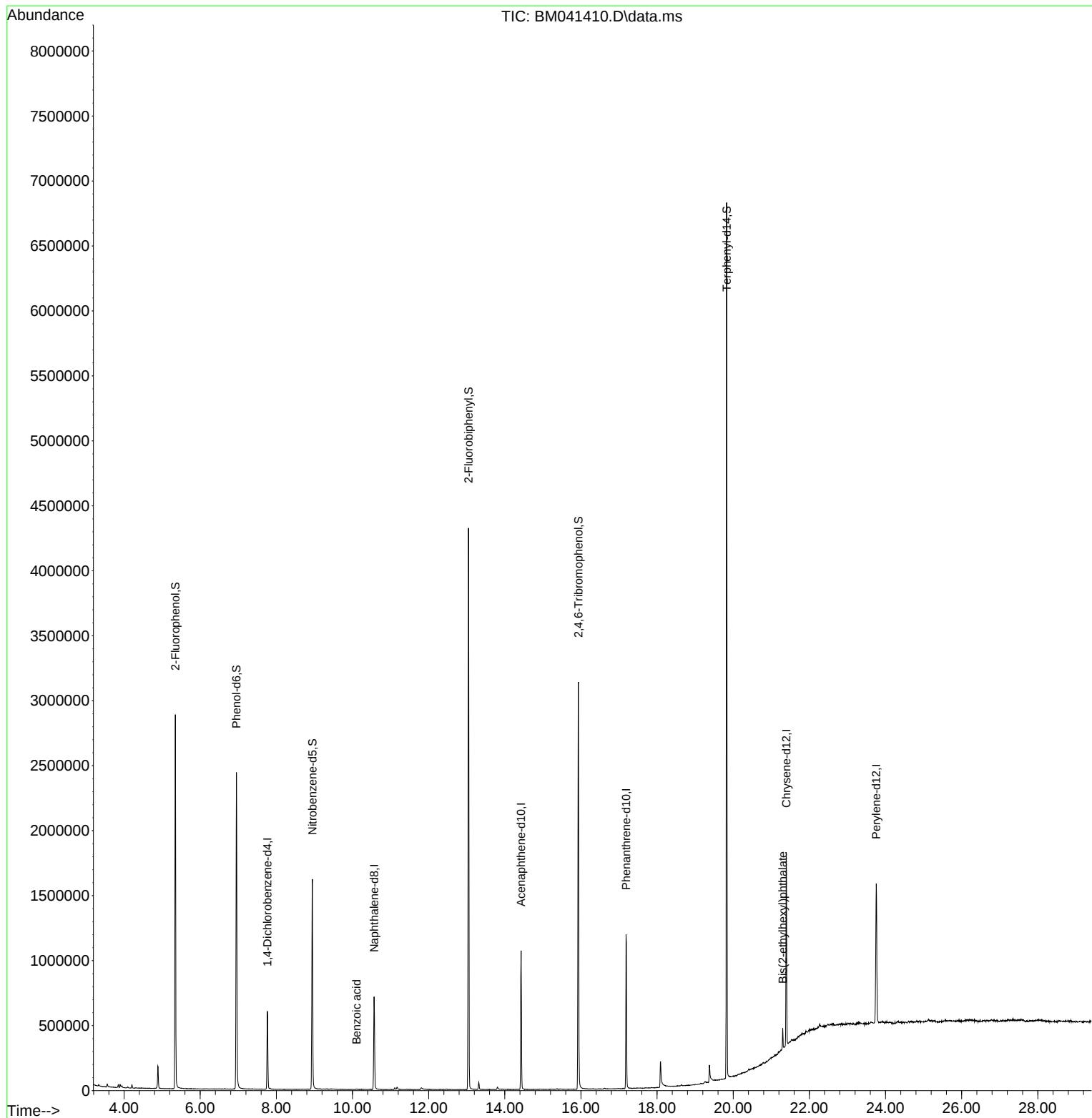
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	153795	20.000	ng	-0.01
21) Naphthalene-d8	10.569	136	582915	20.000	ng	-0.01
39) Acenaphthene-d10	14.427	164	348274	20.000	ng	-0.01
64) Phenanthrene-d10	17.186	188	716645	20.000	ng	-0.02
76) Chrysene-d12	21.392	240	673958	20.000	ng	-0.02
86) Perylene-d12	23.756	264	809660	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1115985	108.452	ng	0.00
7) Phenol-d6	6.951	99	1297278	97.258	ng	0.00
23) Nitrobenzene-d5	8.945	82	954359	76.138	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	590466	119.864	ng	-0.01
45) 2-Fluorobiphenyl	13.045	172	2074068	75.230	ng	-0.01
79) Terphenyl-d14	19.827	244	3119273	83.682	ng	-0.02
Target Compounds						
32) Benzoic acid	10.104	122	1829	7.393	ng	Qvalue # 35
84) Bis(2-ethylhexyl)phtha...	21.298	149	62259	4.696	ng	98

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

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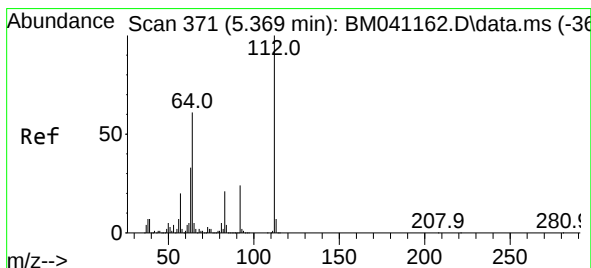
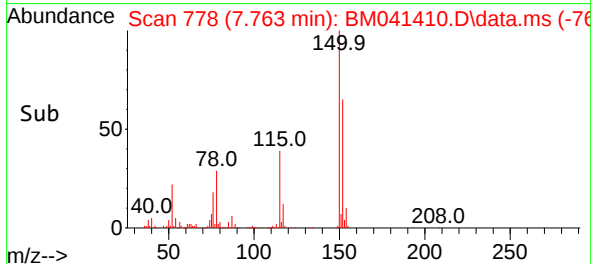
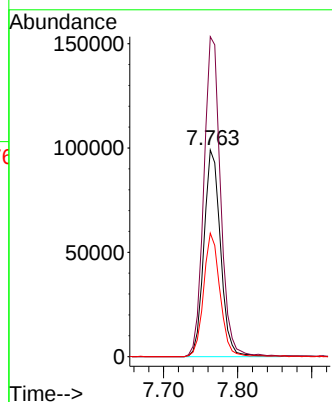
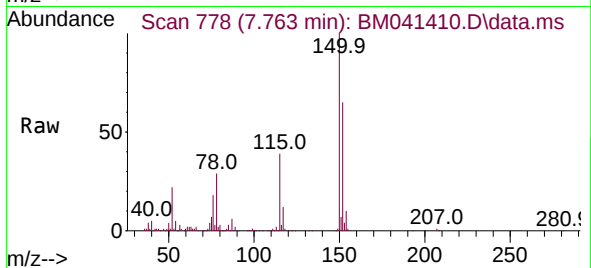




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM041410.D
Acq: 15 Aug 2023 17:42

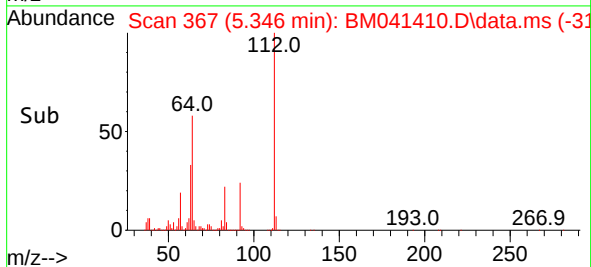
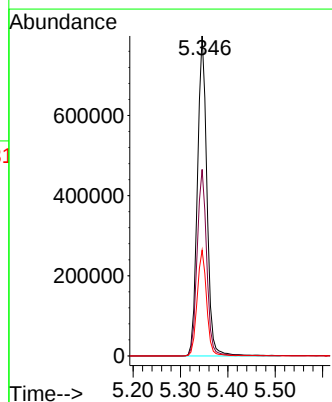
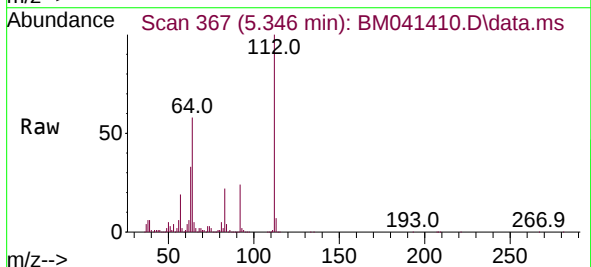
Instrument :
BNA_M
ClientSampleId :
CONC-COMP

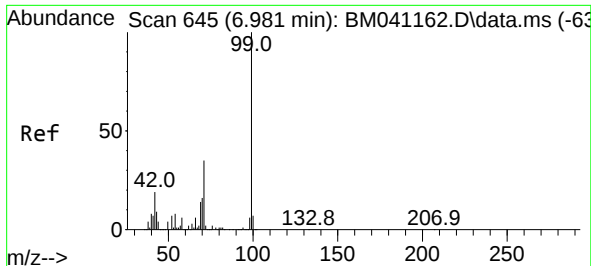
Tgt Ion:152 Resp: 153795
Ion Ratio Lower Upper
152 100
150 154.9 125.5 188.3
115 59.8 48.0 72.0



#5
2-Fluorophenol
Concen: 108.452 ng
RT: 5.346 min Scan# 367
Delta R.T. -0.000 min
Lab File: BM041410.D
Acq: 15 Aug 2023 17:42

Tgt Ion:112 Resp: 1115985
Ion Ratio Lower Upper
112 100
64 58.3 48.5 72.7
63 33.0 26.5 39.7

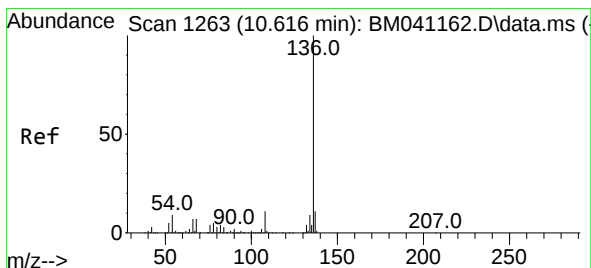
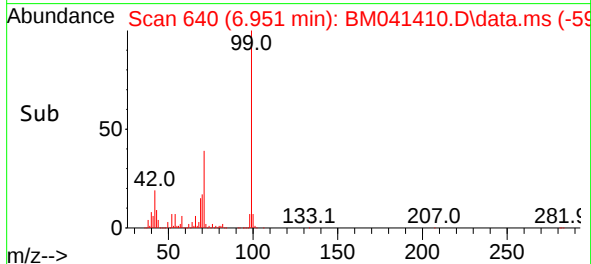
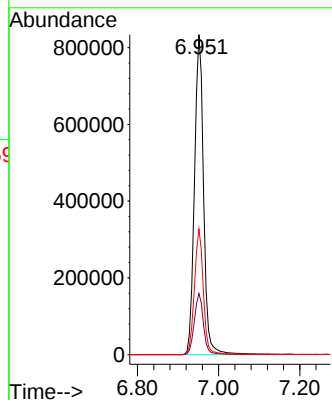
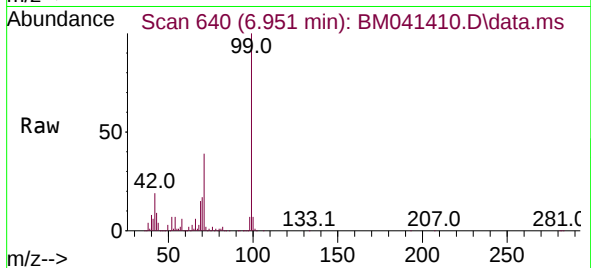




#7
Phenol-d6
Concen: 97.258 ng
RT: 6.951 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041410.D
Acq: 15 Aug 2023 17:42

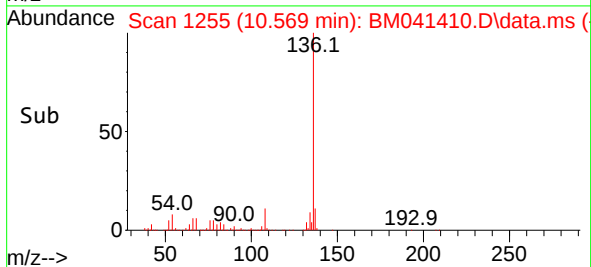
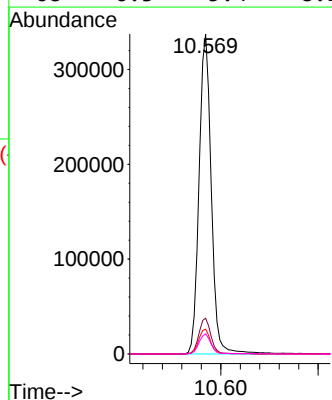
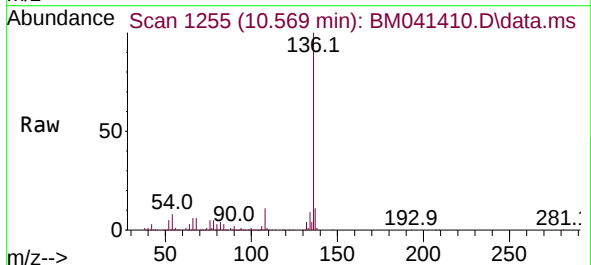
Instrument :
BNA_M
ClientSampleId :
CONC-COMP

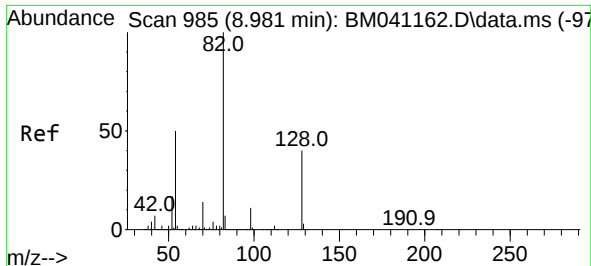
Tgt Ion: 99 Resp: 1297278
Ion Ratio Lower Upper
99 100
42 19.1 15.4 23.0
71 39.3 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BM041410.D
Acq: 15 Aug 2023 17:42

Tgt Ion: 136 Resp: 582915
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 6.9 10.3
68 6.3 5.4 8.2

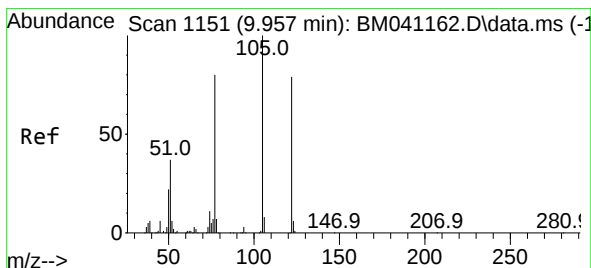
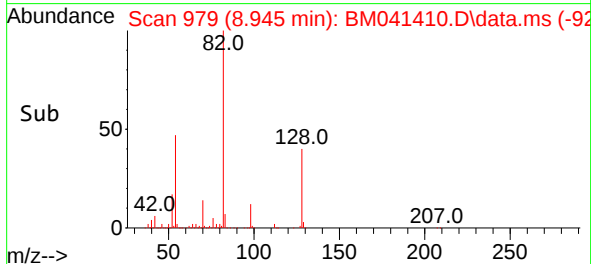
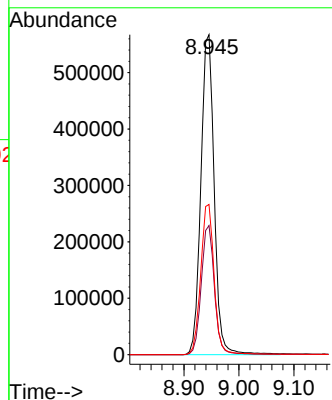
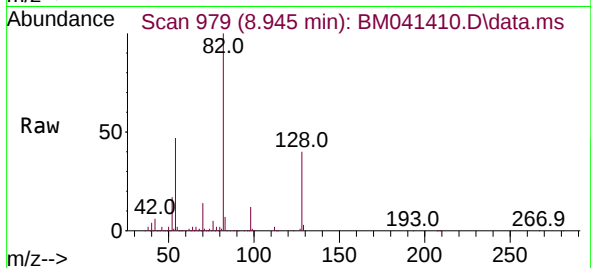




#23
Nitrobenzene-d5
Concen: 76.138 ng
RT: 8.945 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041410.D
Acq: 15 Aug 2023 17:42

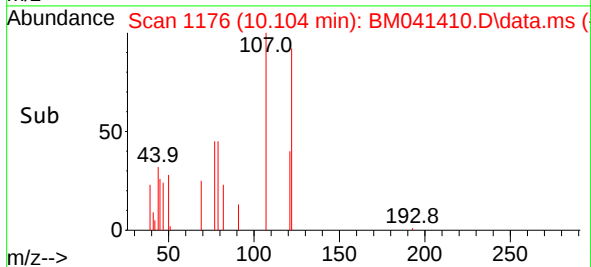
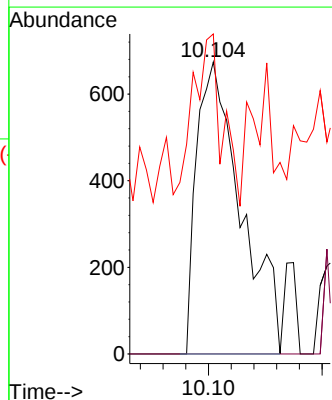
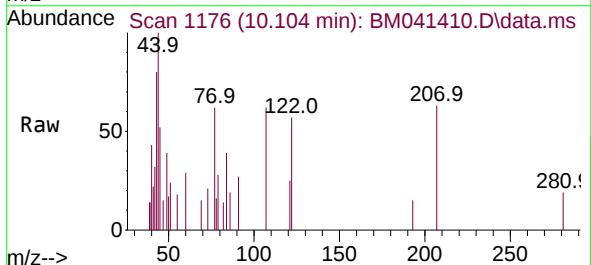
Instrument :
BNA_M
ClientSampleId :
CONC-COMP

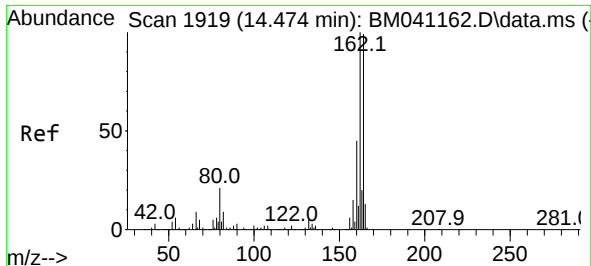
Tgt Ion: 82 Resp: 954359
Ion Ratio Lower Upper
82 100
128 40.3 31.8 47.6
54 46.9 40.1 60.1



#32
Benzoic acid
Concen: 7.393 ng
RT: 10.104 min Scan# 1176
Delta R.T. 0.153 min
Lab File: BM041410.D
Acq: 15 Aug 2023 17:42

Tgt Ion: 122 Resp: 1829
Ion Ratio Lower Upper
122 100
105 0.0 104.0 144.0#
77 109.6 79.9 119.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1919

Delta R.T. -0.012 min

Lab File: BM041410.D

Acq: 15 Aug 2023 17:42

Instrument :

BNA_M

ClientSampleId :

CONC-COMP

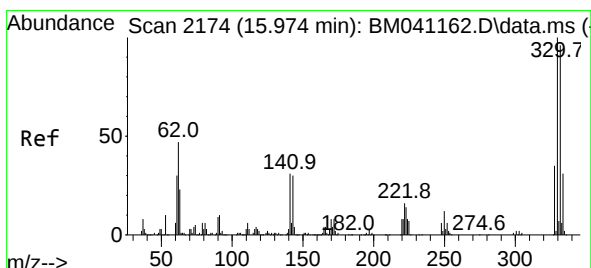
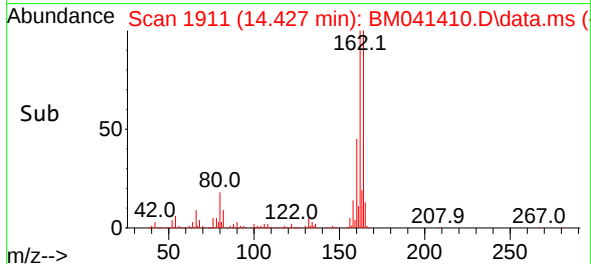
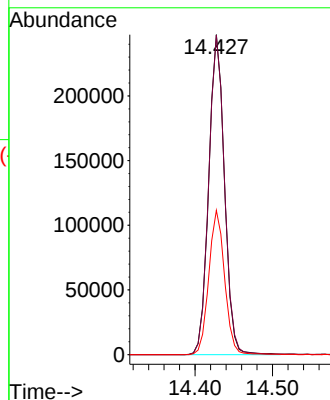
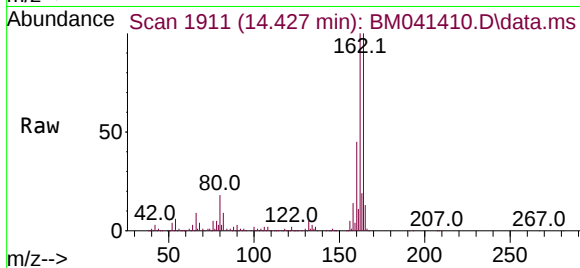
Tgt Ion:164 Resp: 348274

Ion Ratio Lower Upper

164 100

162 99.8 80.4 120.6

160 45.1 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 119.864 ng

RT: 15.933 min Scan# 2167

Delta R.T. -0.012 min

Lab File: BM041410.D

Acq: 15 Aug 2023 17:42

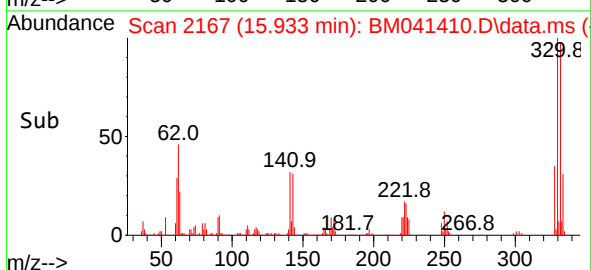
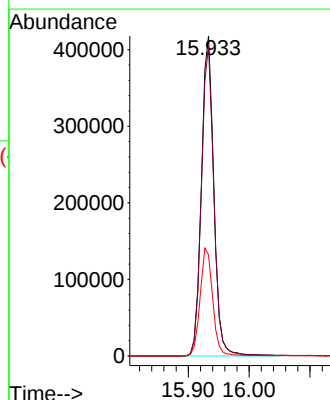
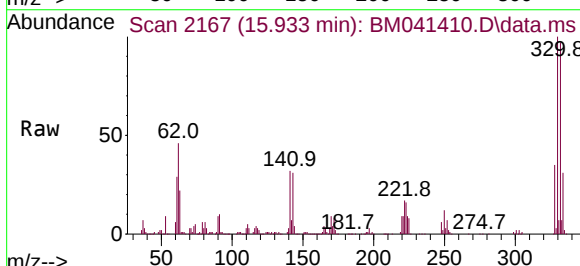
Tgt Ion:330 Resp: 590466

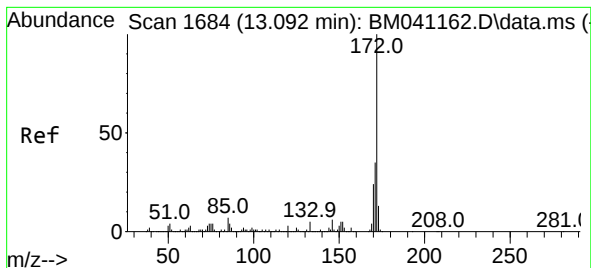
Ion Ratio Lower Upper

330 100

332 97.3 77.7 116.5

141 34.5 28.3 42.5

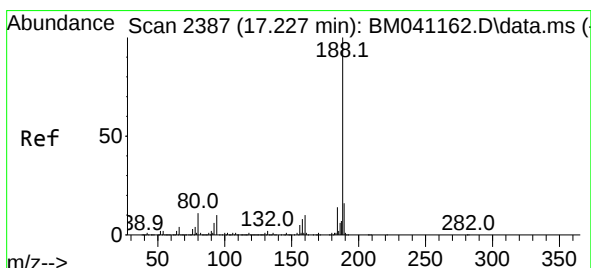
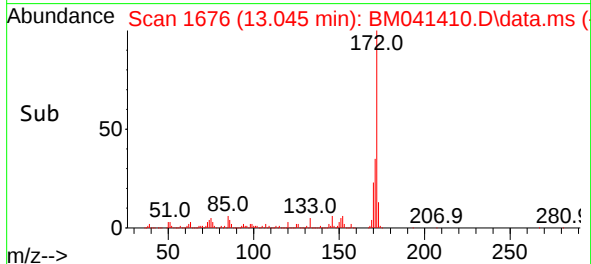
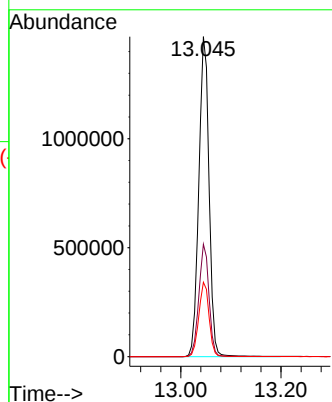
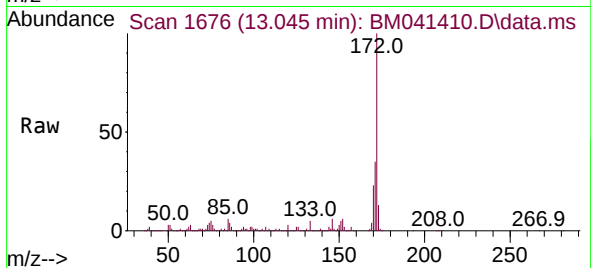




#45
2-Fluorobiphenyl
Concen: 75.230 ng
RT: 13.045 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BM041410.D
Acq: 15 Aug 2023 17:42

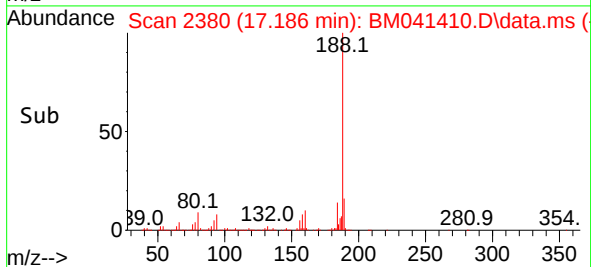
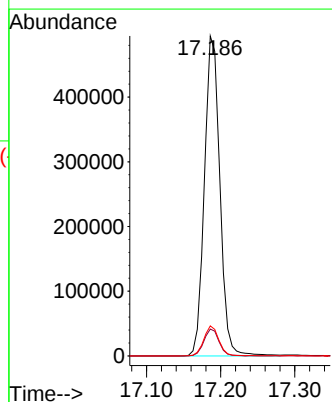
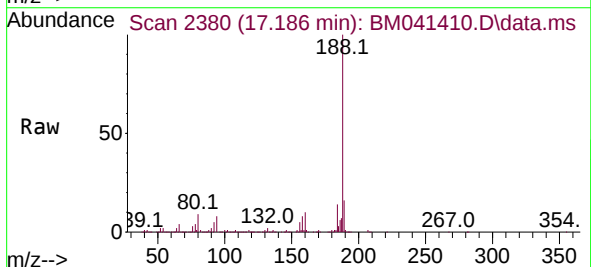
Instrument :
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CONC-COMP

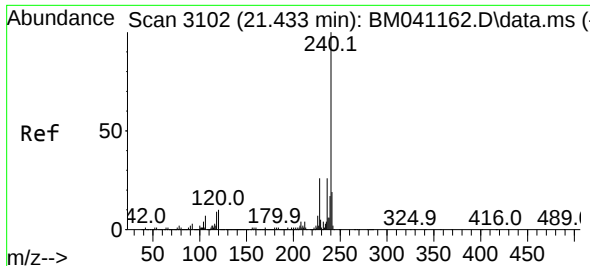
Tgt Ion:172 Resp: 2074068
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.2 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2380
Delta R.T. -0.018 min
Lab File: BM041410.D
Acq: 15 Aug 2023 17:42

Tgt Ion:188 Resp: 716645
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.2
80 9.4 8.6 13.0

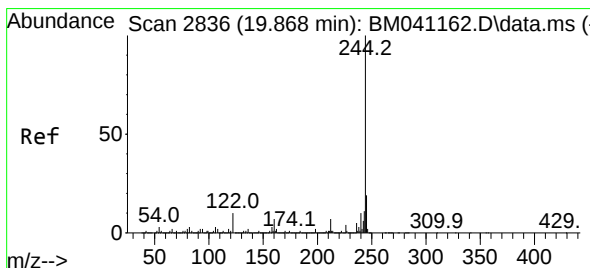
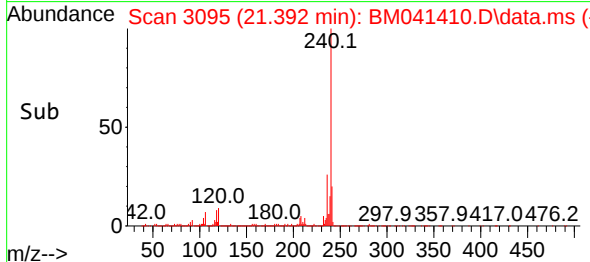
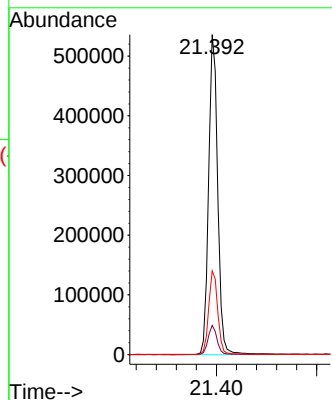
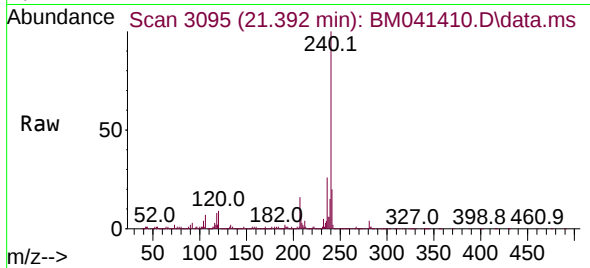




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 30
Delta R.T. -0.024 min
Lab File: BM041410.D
Acq: 15 Aug 2023 17:42

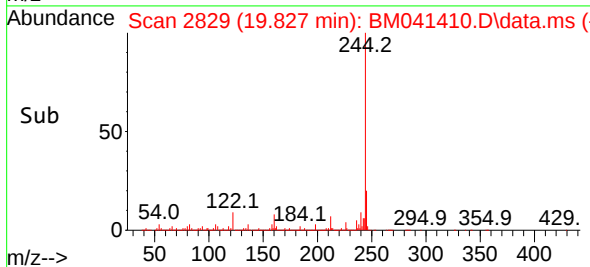
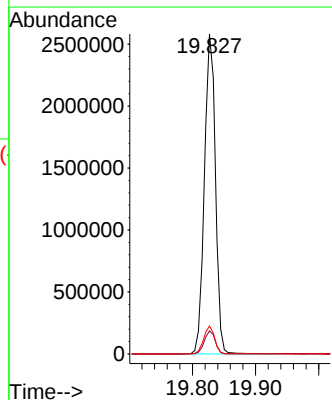
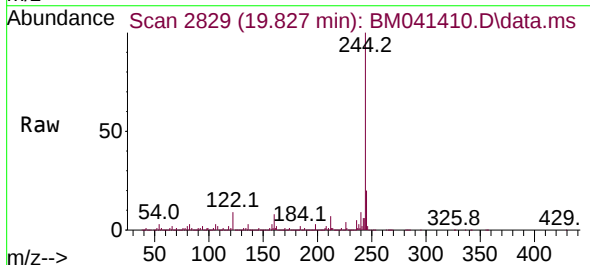
Instrument :
BNA_M
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CONC-COMP

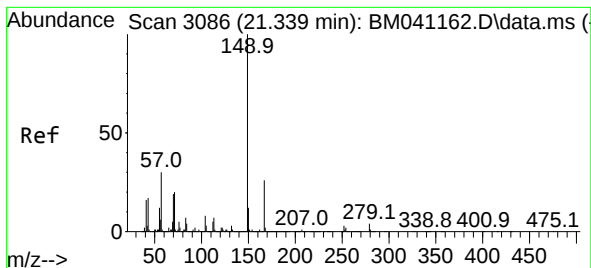
Tgt Ion:240 Resp: 673958
Ion Ratio Lower Upper
240 100
120 9.1 8.3 12.5
236 26.2 20.6 30.8



#79
Terphenyl-d14
Concen: 83.682 ng
RT: 19.827 min Scan# 2829
Delta R.T. -0.018 min
Lab File: BM041410.D
Acq: 15 Aug 2023 17:42

Tgt Ion:244 Resp: 3119273
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 8.7 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.696 ng

RT: 21.298 min Scan# 30

Delta R.T. -0.024 min

Lab File: BM041410.D

Acq: 15 Aug 2023 17:42

Instrument :

BNA_M

ClientSampleId :

CONC-COMP

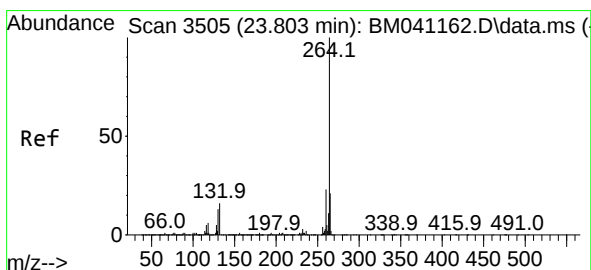
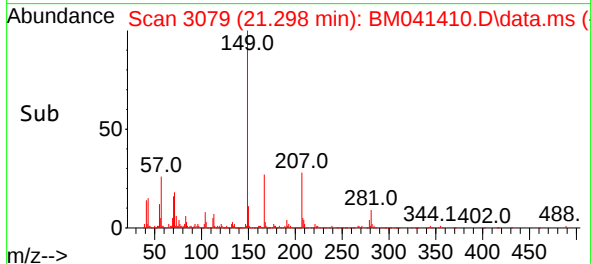
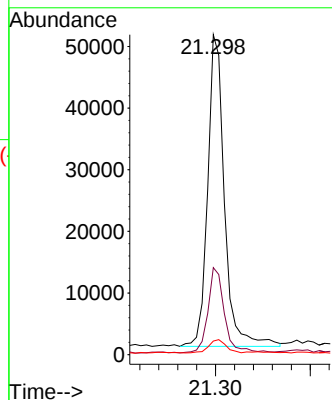
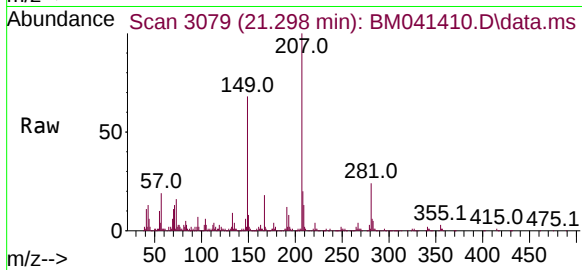
Tgt Ion:149 Resp: 62259

Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.6

279 4.2 3.1 4.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.756 min Scan# 3497

Delta R.T. -0.024 min

Lab File: BM041410.D

Acq: 15 Aug 2023 17:42

Tgt Ion:264 Resp: 809660

Ion Ratio Lower Upper

264 100

260 24.5 18.5 27.7

265 22.7 17.4 26.0

