

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021523\
 Data File : BM038752.D
 Acq On : 15 Feb 2023 17:37
 Operator : CG/JU
 Sample : 01539-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-8

Quant Time: Feb 16 02:17:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 02:07:17 2023
 Response via : Initial Calibration

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

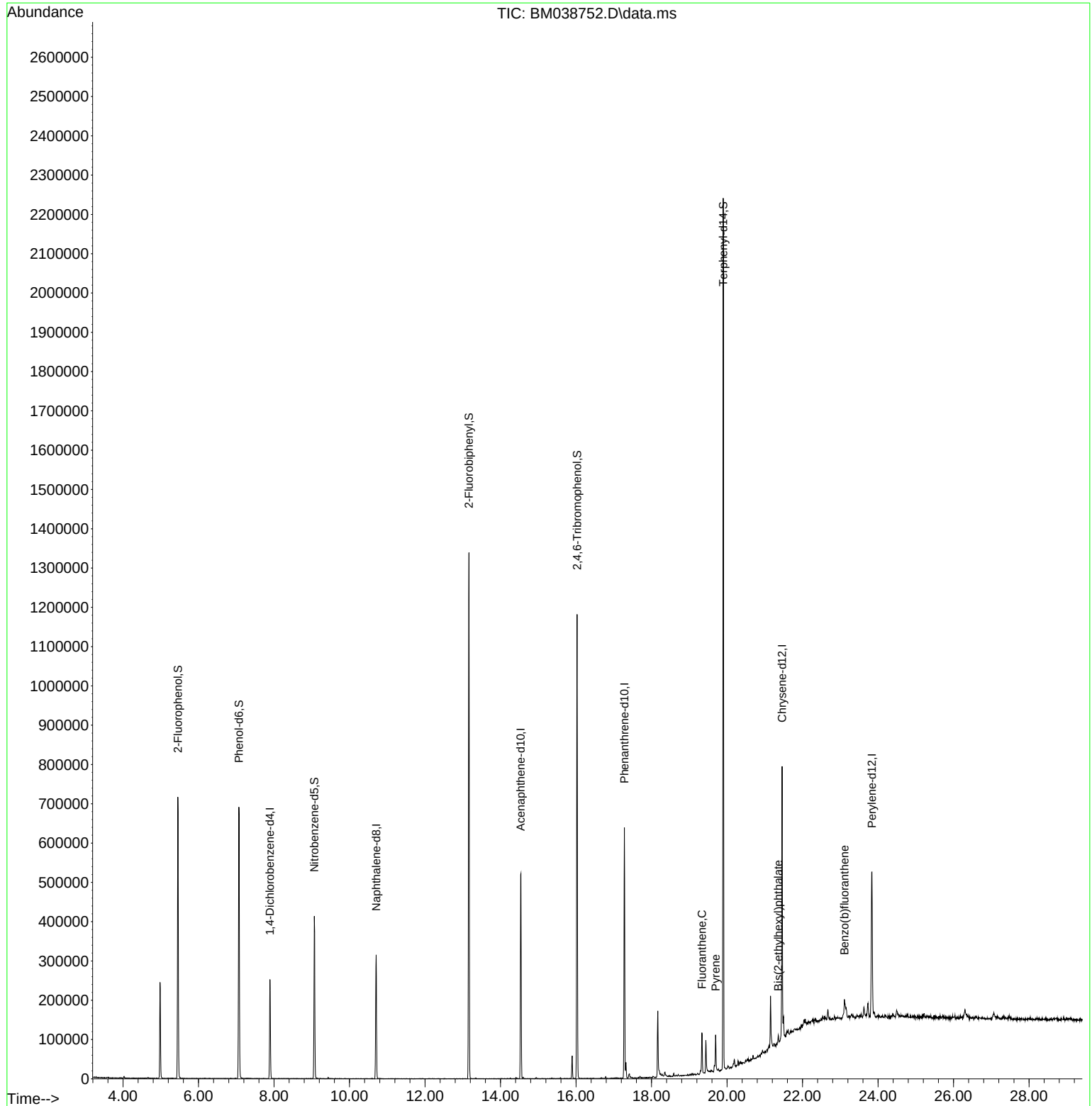
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.892	152	72630	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	265327	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	178704	20.000	ng	-0.01
64) Phenanthrene-d10	17.280	188	354991	20.000	ng	# 0.00
76) Chrysene-d12	21.456	240	274471	20.000	ng	0.00
86) Perylene-d12	23.838	264	263257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	321861	86.809	ng	0.00
7) Phenol-d6	7.069	99	394494	93.290	ng	-0.01
23) Nitrobenzene-d5	9.069	82	224165	47.989	ng	-0.01
42) 2,4,6-Tribromophenol	16.027	330	191866	78.990	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	647455	46.125	ng	0.00
79) Terphenyl-d14	19.898	244	888508	57.125	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.333	202	56372	2.547	ng	98
78) Pyrene	19.698	202	50533	2.391	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	8329	2.023	ng	# 96
88) Benzo(b)fluoranthene	23.109	252	37143	2.356	ng	# 93

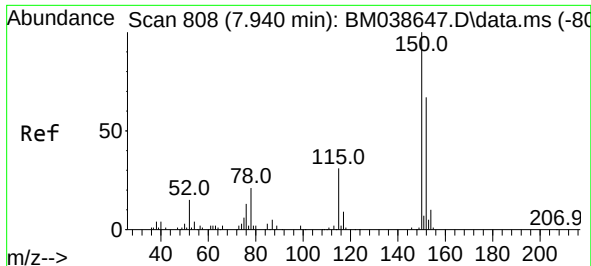
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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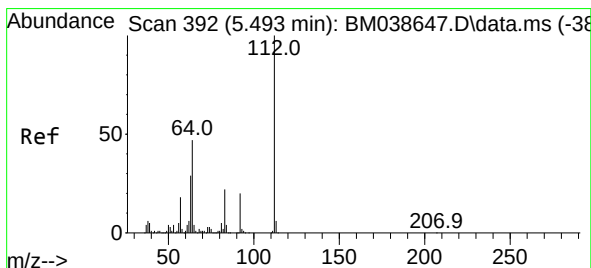
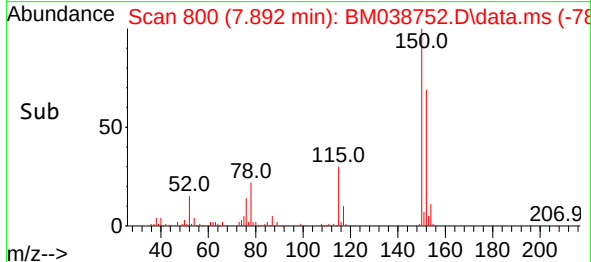
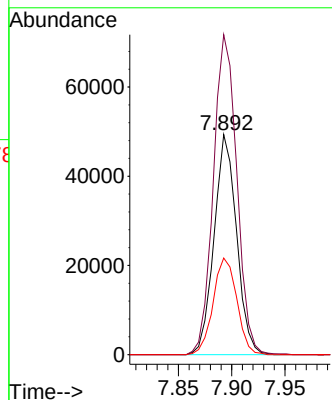
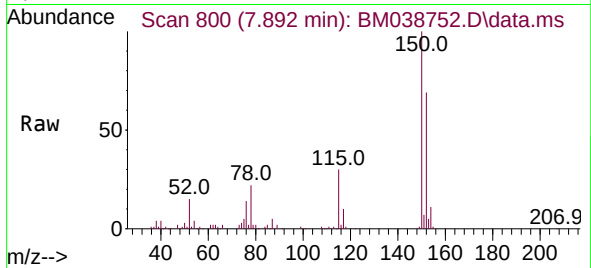




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.892 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM038752.D
Acq: 15 Feb 2023 17:37

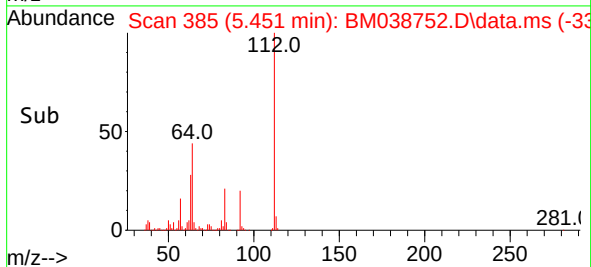
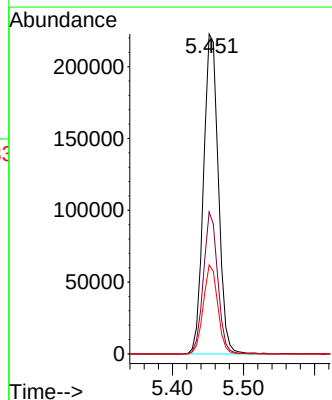
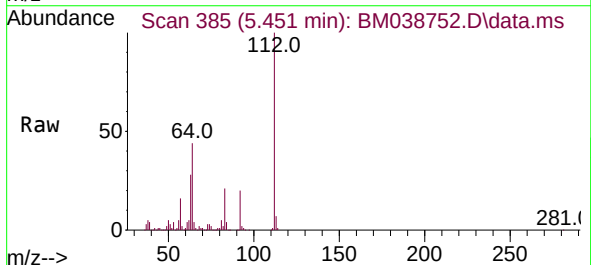
Instrument :
BNA_M
ClientSampleId :
COMP-8

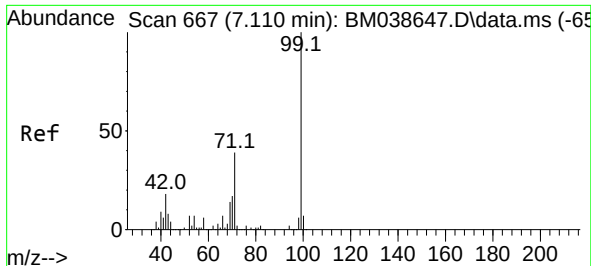
Tgt Ion:152 Resp: 72630
Ion Ratio Lower Upper
152 100
150 145.4 119.5 179.3
115 43.9 37.6 56.4



#5
2-Fluorophenol
Concen: 86.809 ng
RT: 5.451 min Scan# 385
Delta R.T. -0.006 min
Lab File: BM038752.D
Acq: 15 Feb 2023 17:37

Tgt Ion:112 Resp: 321861
Ion Ratio Lower Upper
112 100
64 44.4 37.9 56.9
63 27.8 23.3 34.9

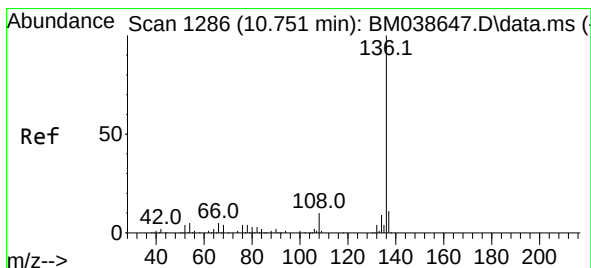
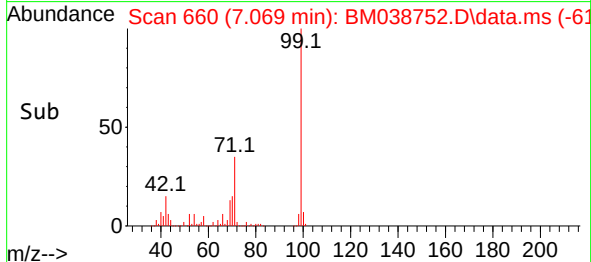
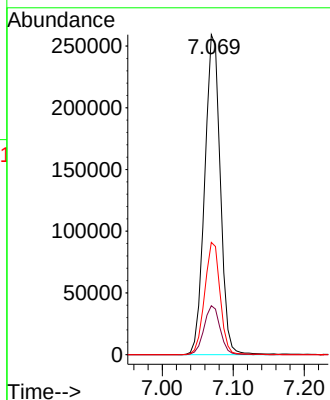
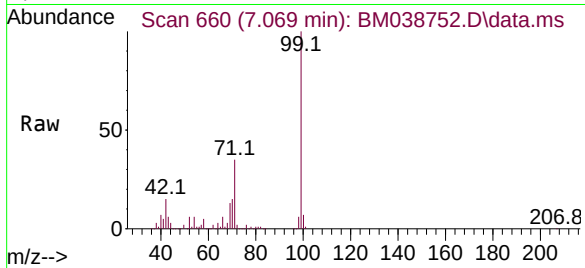




#7
Phenol-d6
Concen: 93.290 ng
RT: 7.069 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM038752.D
Acq: 15 Feb 2023 17:37

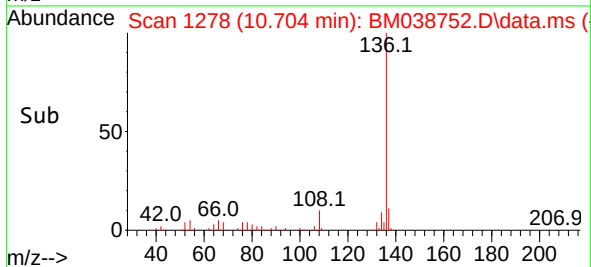
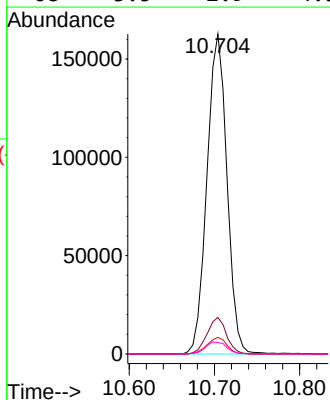
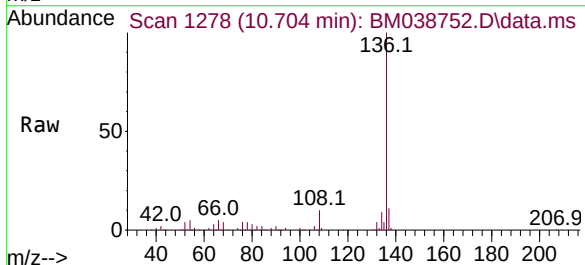
Instrument :
BNA_M
ClientSampleId :
COMP-8

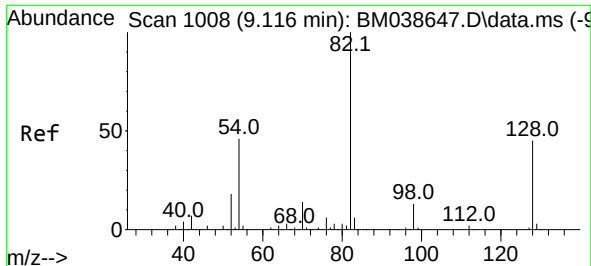
Tgt Ion: 99 Resp: 394494
Ion Ratio Lower Upper
99 100
42 15.3 14.6 22.0
71 35.1 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM038752.D
Acq: 15 Feb 2023 17:37

Tgt Ion: 136 Resp: 265327
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 5.2 4.2 6.4
68 3.5 2.9 4.3

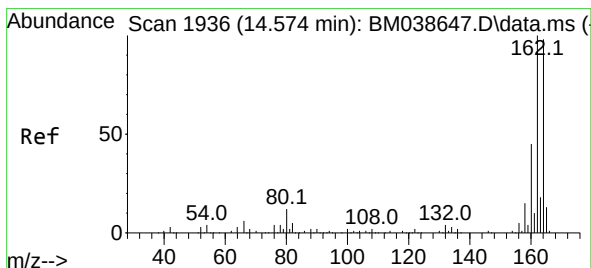
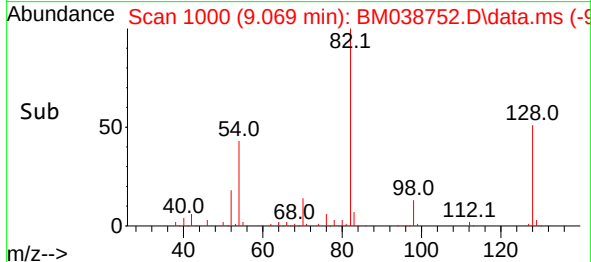
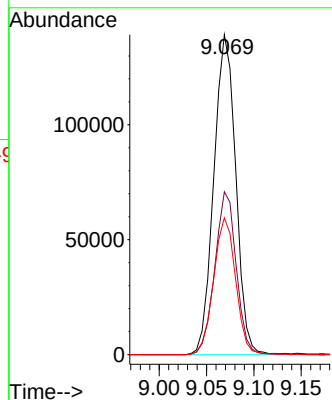
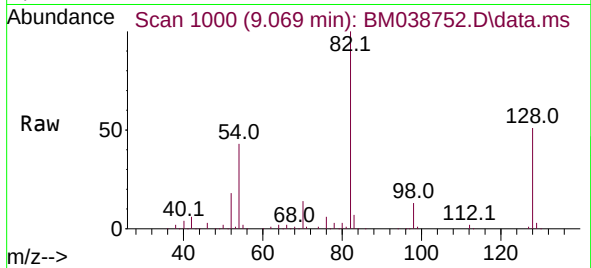




#23
Nitrobenzene-d5
Concen: 47.989 ng
RT: 9.069 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM038752.D
Acq: 15 Feb 2023 17:37

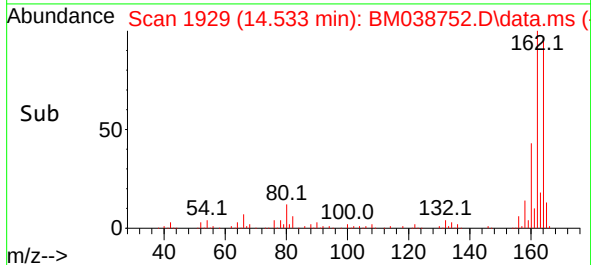
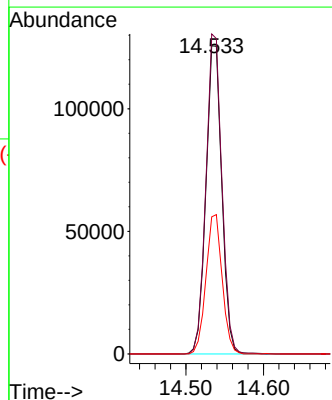
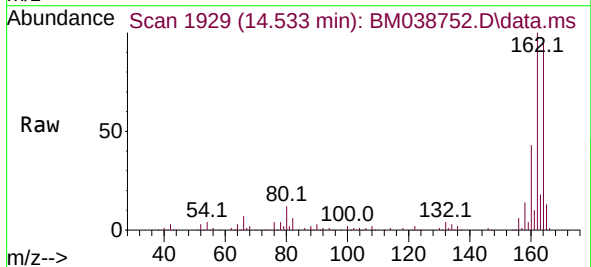
Instrument :
BNA_M
ClientSampleId :
COMP-8

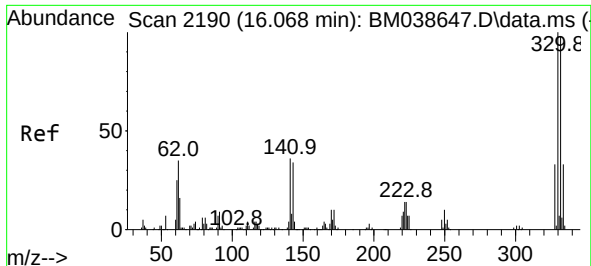
Tgt Ion: 82 Resp: 224165
Ion Ratio Lower Upper
82 100
128 50.9 36.0 54.0
54 42.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BM038752.D
Acq: 15 Feb 2023 17:37

Tgt Ion:164 Resp: 178704
Ion Ratio Lower Upper
164 100
162 103.8 81.4 122.0
160 44.5 36.5 54.7

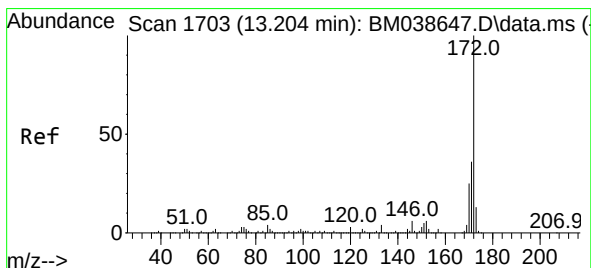
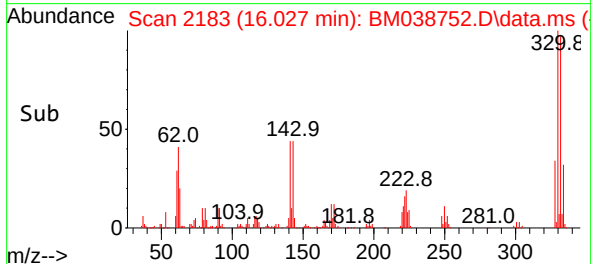
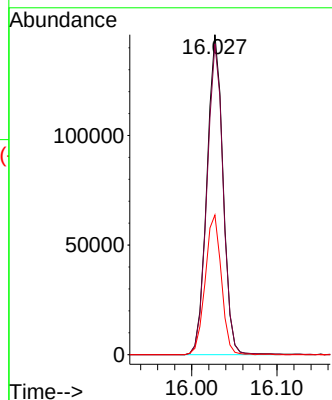
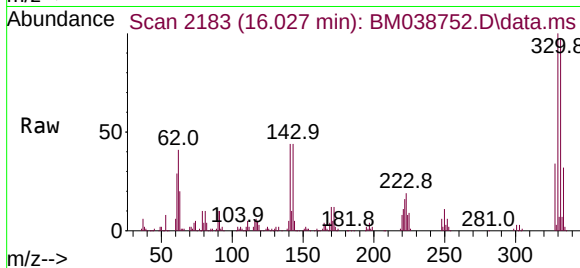




#42
2,4,6-Tribromophenol
Concen: 78.990 ng
RT: 16.027 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038752.D
Acq: 15 Feb 2023 17:37

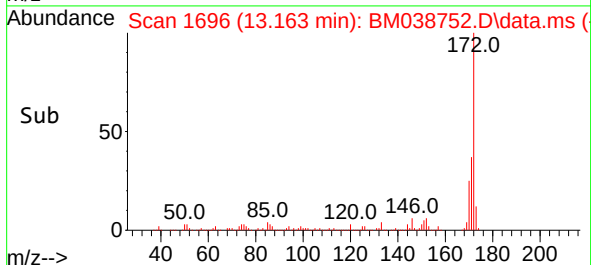
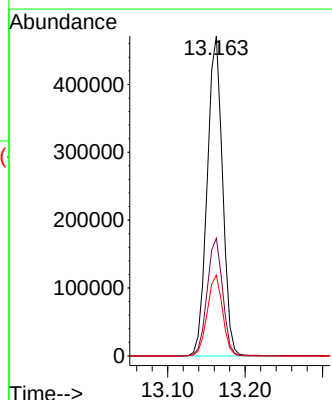
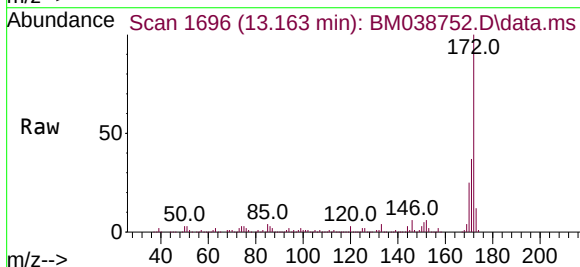
Instrument :
BNA_M
ClientSampleId :
COMP-8

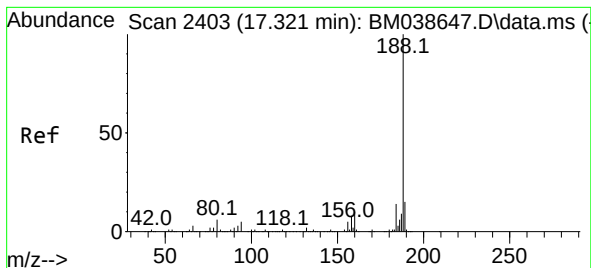
Tgt Ion:330 Resp: 191866
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 43.5 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 46.125 ng
RT: 13.163 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM038752.D
Acq: 15 Feb 2023 17:37

Tgt Ion:172 Resp: 647455
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 25.2 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.280 min Scan# 2396

Delta R.T. -0.006 min

Lab File: BM038752.D

Acq: 15 Feb 2023 17:37

Instrument :

BNA_M

ClientSampleId :

COMP-8

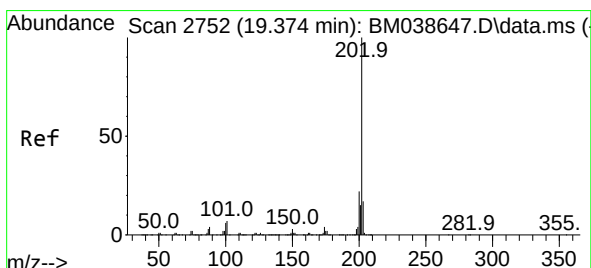
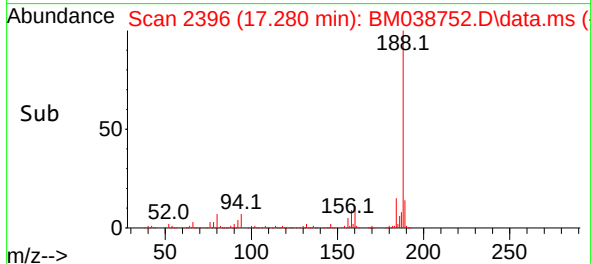
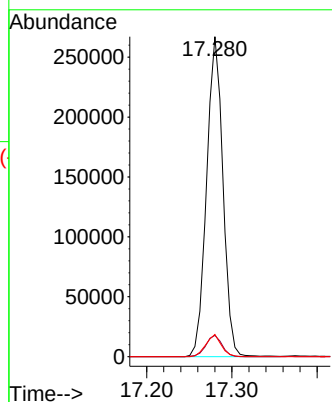
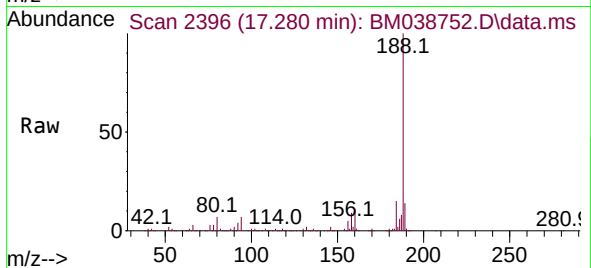
Tgt Ion:188 Resp: 354991

Ion Ratio Lower Upper

188 100

94 6.6 4.2 6.4#

80 6.9 4.6 7.0



#75

Fluoranthene

Concen: 2.547 ng

RT: 19.333 min Scan# 2745

Delta R.T. -0.006 min

Lab File: BM038752.D

Acq: 15 Feb 2023 17:37

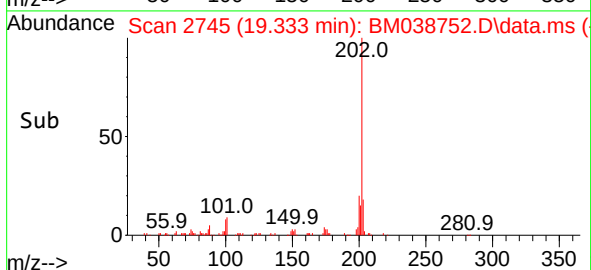
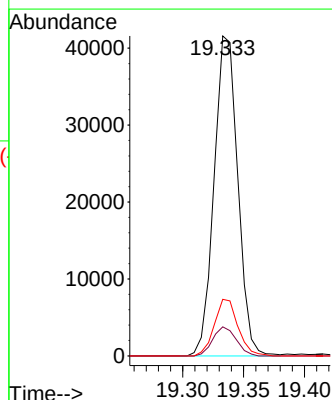
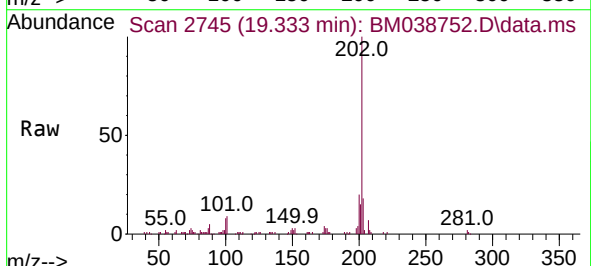
Tgt Ion:202 Resp: 56372

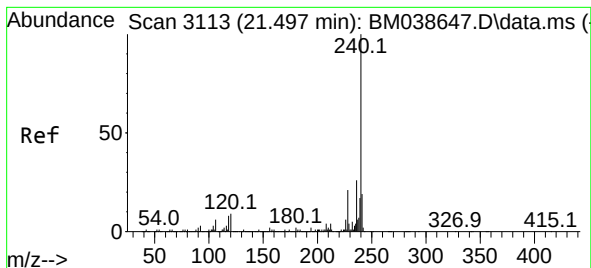
Ion Ratio Lower Upper

202 100

101 9.1 0.0 27.4

203 17.7 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.456 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038752.D

Acq: 15 Feb 2023 17:37

Instrument :

BNA_M

ClientSampleId :

COMP-8

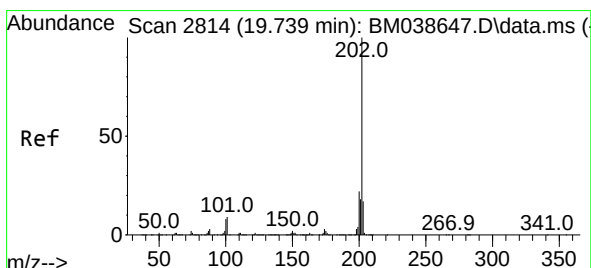
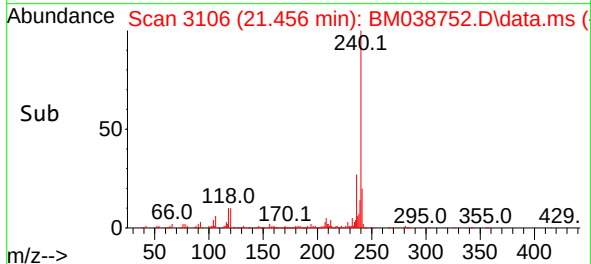
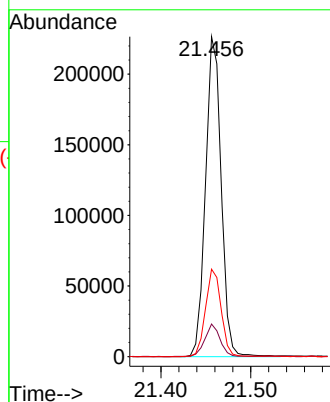
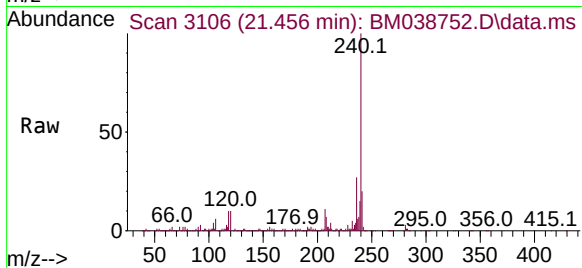
Tgt Ion:240 Resp: 274471

Ion Ratio Lower Upper

240 100

120 10.2 7.0 10.4

236 27.3 20.9 31.3



#78

Pyrene

Concen: 2.391 ng

RT: 19.698 min Scan# 2807

Delta R.T. -0.006 min

Lab File: BM038752.D

Acq: 15 Feb 2023 17:37

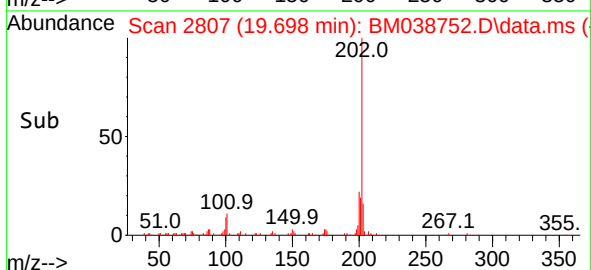
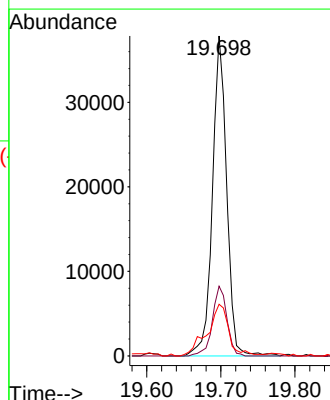
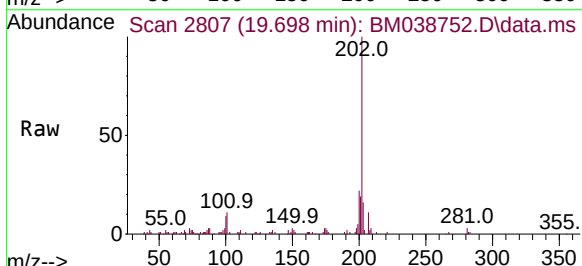
Tgt Ion:202 Resp: 50533

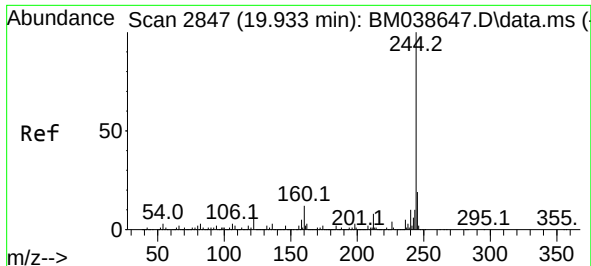
Ion Ratio Lower Upper

202 100

200 21.8 17.8 26.6

203 16.1 13.5 20.3

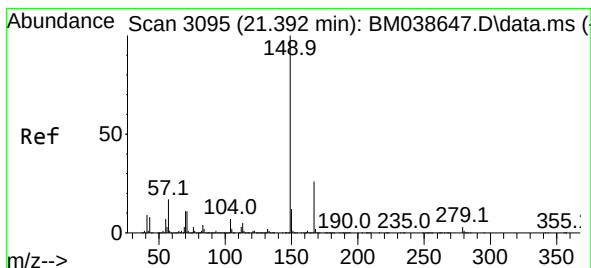
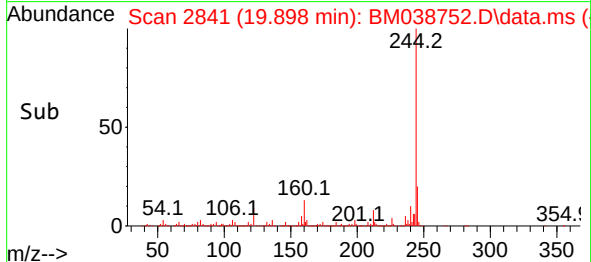
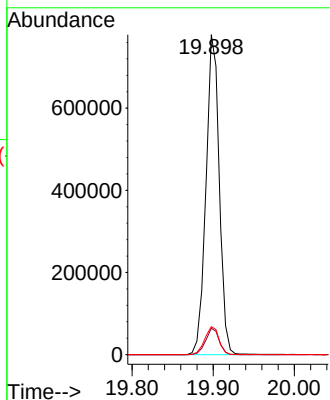
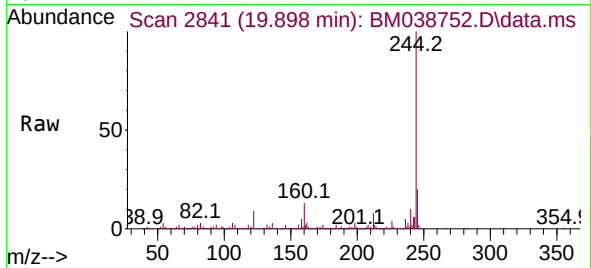




#79
 Terphenyl-d14
 Concen: 57.125 ng
 RT: 19.898 min Scan# 2841
 Delta R.T. -0.006 min
 Lab File: BM038752.D
 Acq: 15 Feb 2023 17:37

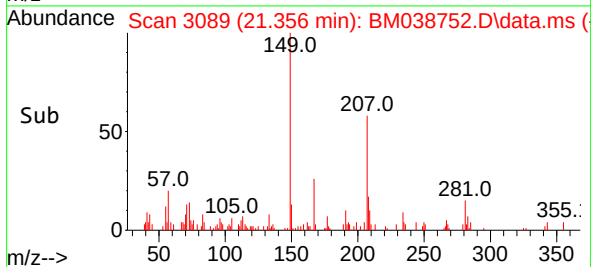
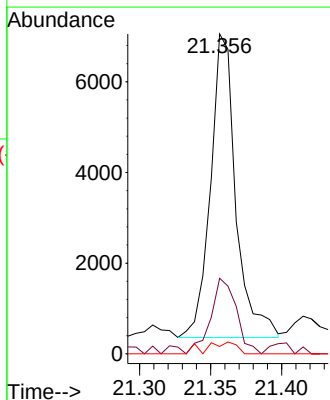
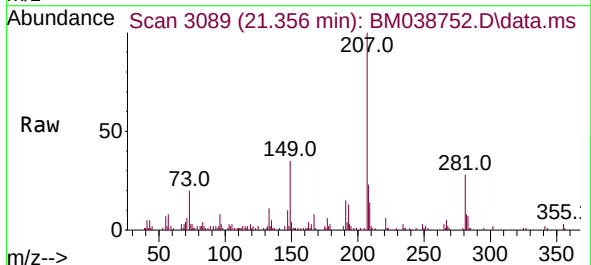
Instrument :
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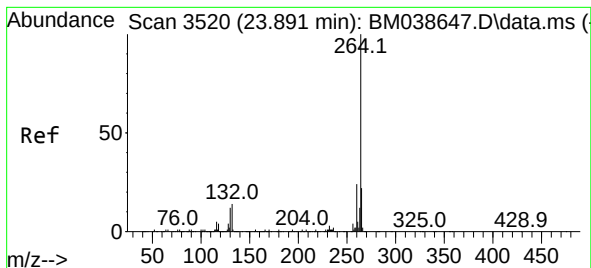
Tgt Ion:244 Resp: 888508
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 8.7 7.8 11.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.023 ng
 RT: 21.356 min Scan# 3089
 Delta R.T. -0.006 min
 Lab File: BM038752.D
 Acq: 15 Feb 2023 17:37

Tgt Ion:149 Resp: 8329
 Ion Ratio Lower Upper
 149 100
 167 23.6 20.8 31.2
 279 2.3 2.5 3.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.838 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM038752.D

Acq: 15 Feb 2023 17:37

Instrument :

BNA_M

ClientSampleId :

COMP-8

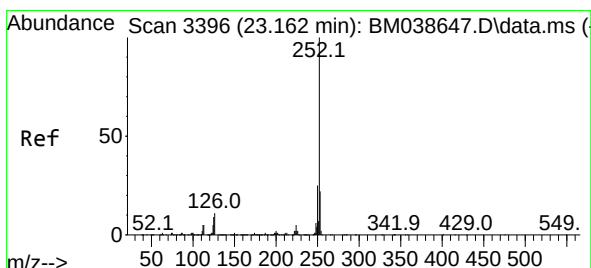
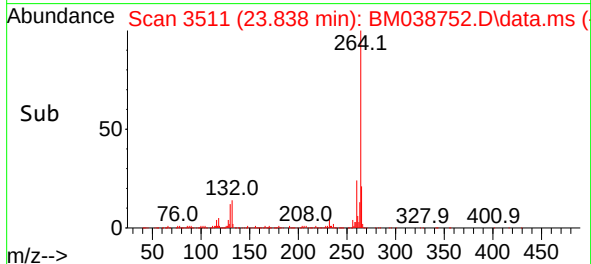
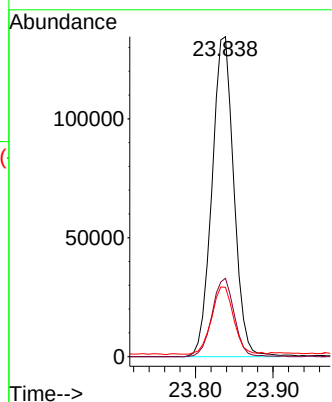
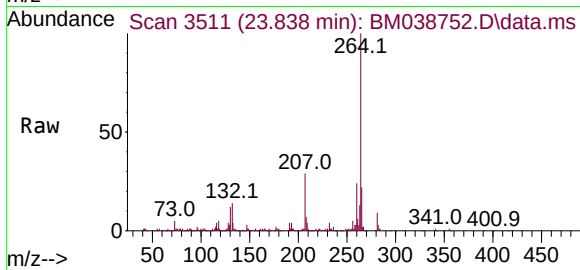
Tgt Ion:264 Resp: 263257

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 21.6 17.9 26.9



#88

Benzo(b)fluoranthene

Concen: 2.356 ng

RT: 23.109 min Scan# 3387

Delta R.T. -0.006 min

Lab File: BM038752.D

Acq: 15 Feb 2023 17:37

Tgt Ion:252 Resp: 37143

Ion Ratio Lower Upper

252 100

253 25.6 17.4 26.2

125 11.0 7.0 10.6#

