

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040135.D
 Acq On : 07 Jun 2023 11:18
 Operator : MA/JU
 Sample : 03032-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-21-0A

Quant Time: Jun 07 12:07:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

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

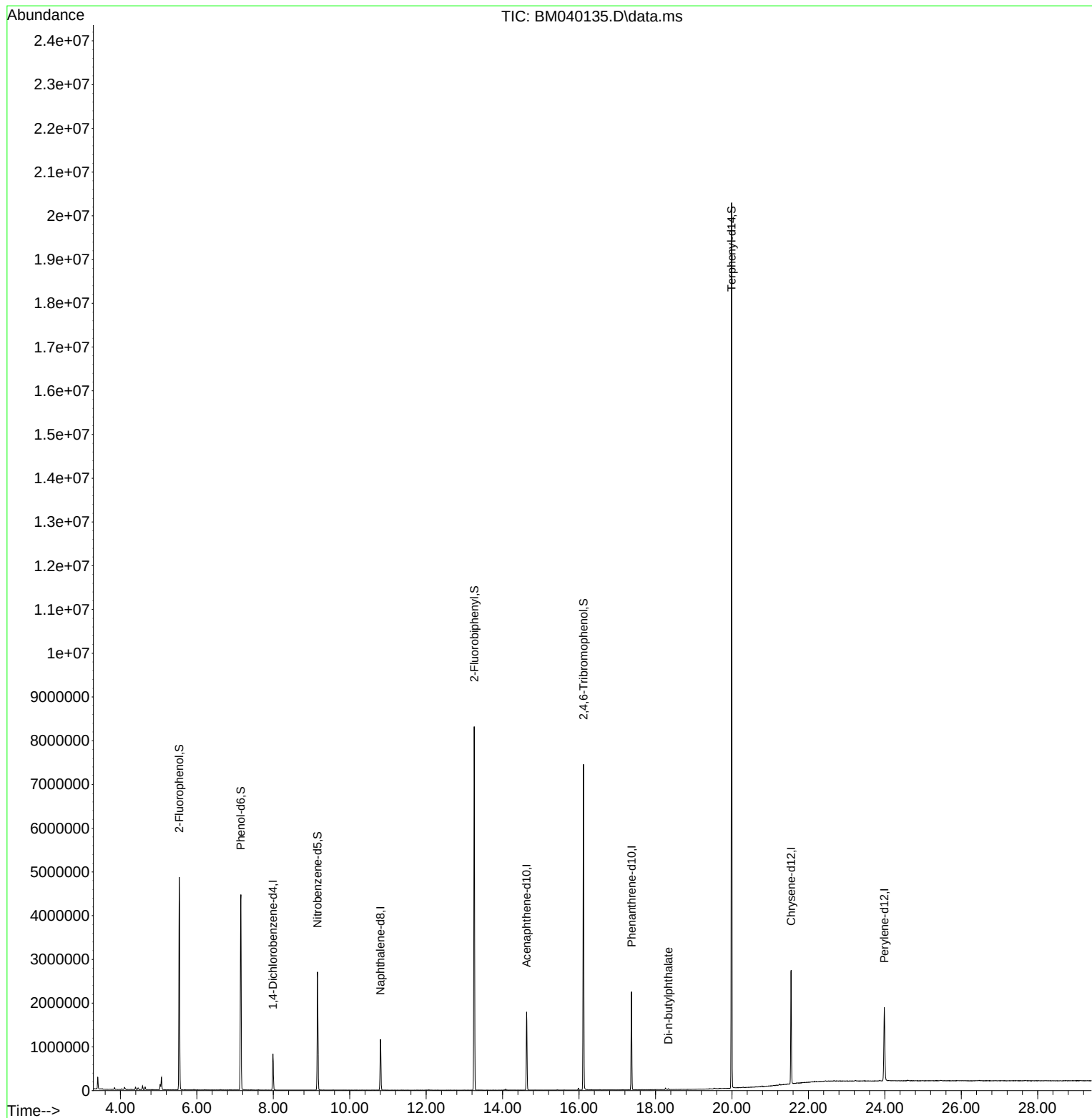
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	210116	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	920332	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	527643	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1179637	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1034912	20.000	ng	0.00
86) Perylene-d12	23.986	264	1039109	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2026319	147.930	ng	0.00
7) Phenol-d6	7.151	99	2563622	143.472	ng	0.00
23) Nitrobenzene-d5	9.157	82	1459541	85.574	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	1160896	169.514	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	3674280	82.134	ng	0.00
79) Terphenyl-d14	19.992	244	8167688	122.541	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.339	149	11666	3.795	ng	Qvalue 97

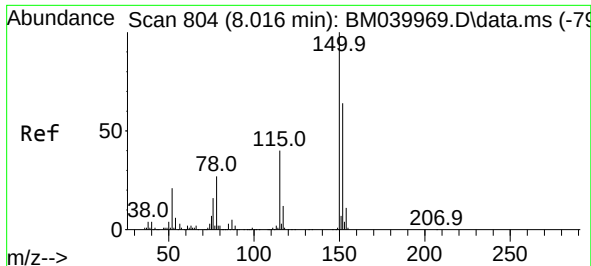
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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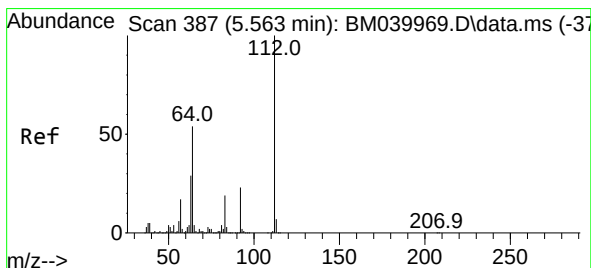
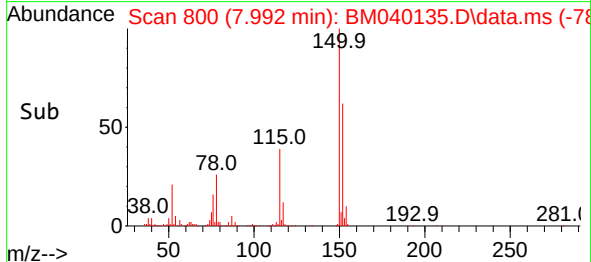
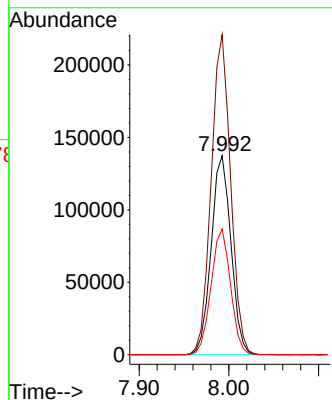
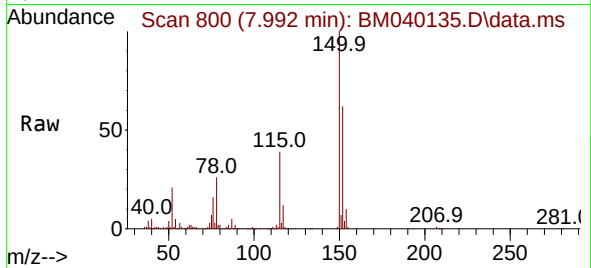




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 804
Delta R.T. -0.007 min
Lab File: BM040135.D
Acq: 07 Jun 2023 11:18

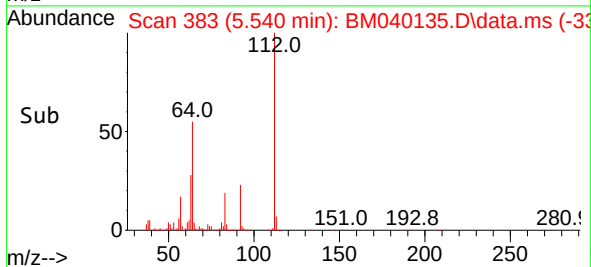
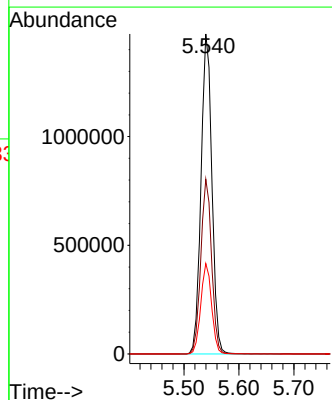
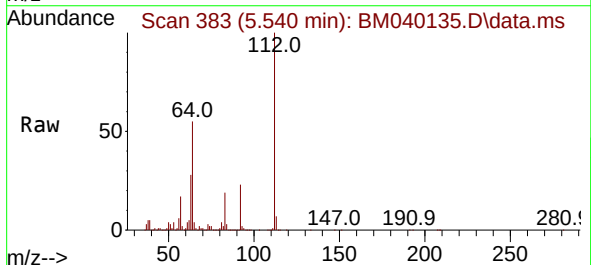
Instrument :
BNA_M
ClientSampleId :
TP-21-0A

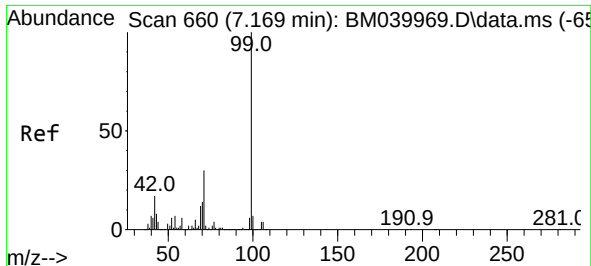
Tgt Ion:152 Resp: 210116
Ion Ratio Lower Upper
152 100
150 160.8 125.5 188.3
115 63.2 50.2 75.2



#5
2-Fluorophenol
Concen: 147.930 ng
RT: 5.540 min Scan# 383
Delta R.T. -0.000 min
Lab File: BM040135.D
Acq: 07 Jun 2023 11:18

Tgt Ion:112 Resp: 2026319
Ion Ratio Lower Upper
112 100
64 54.6 43.0 64.4
63 28.2 22.9 34.3



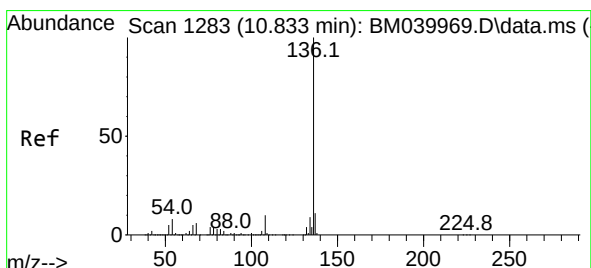
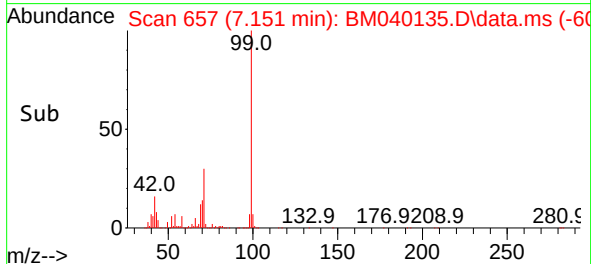
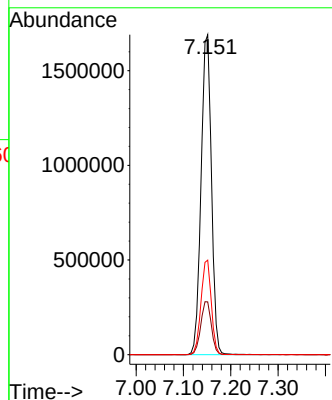
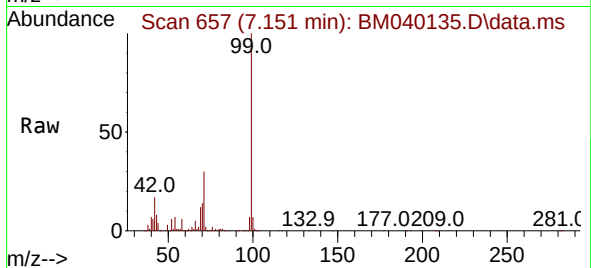


#7
Phenol-d6
Concen: 143.472 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040135.D
Acq: 07 Jun 2023 11:18

Instrument :
BNA_M
ClientSampleId :
TP-21-0A

Tgt Ion: 99 Resp: 2563622

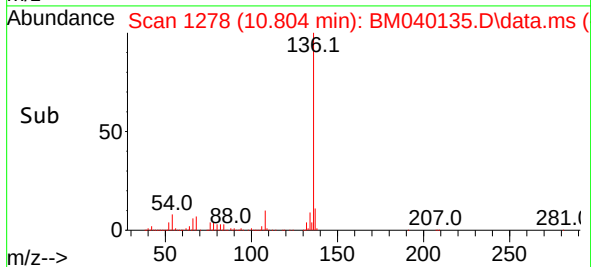
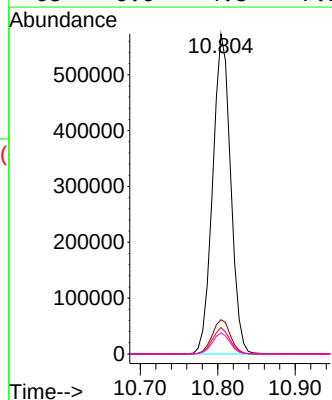
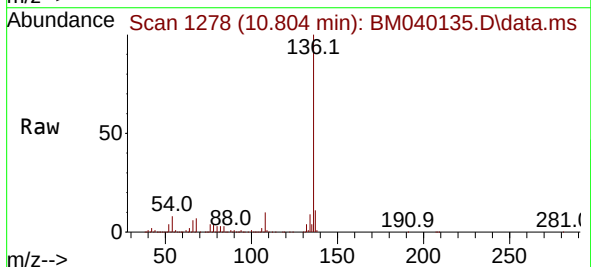
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.6
71	29.5	24.4	36.6

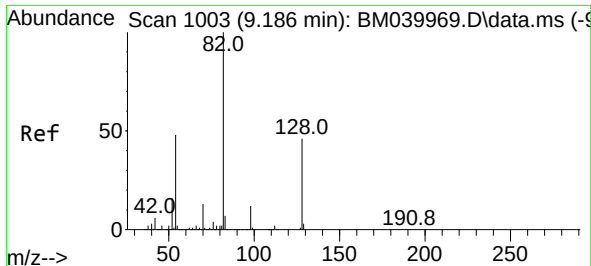


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM040135.D
Acq: 07 Jun 2023 11:18

Tgt Ion: 136 Resp: 920332

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.2	6.1	9.1
68	6.6	4.8	7.2

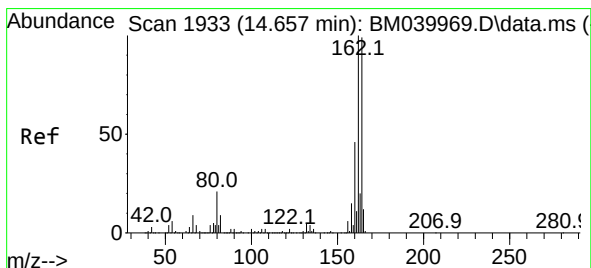
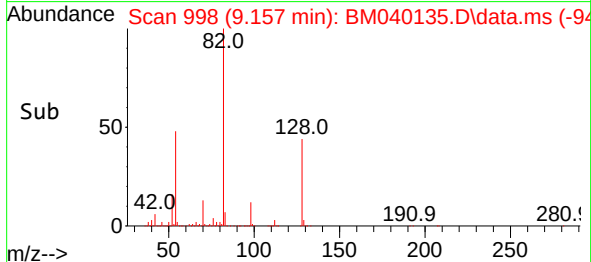
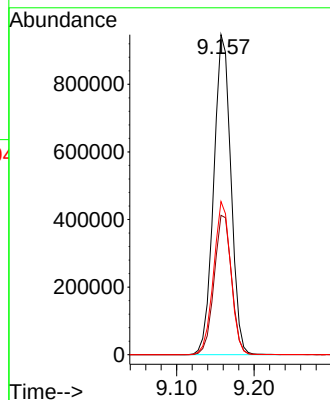
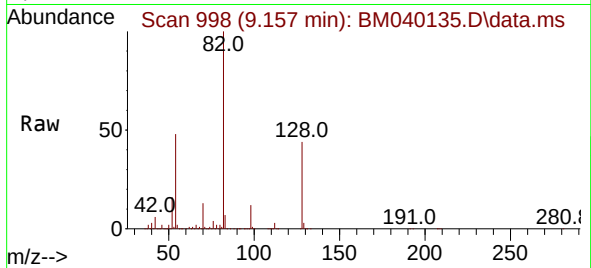




#23
Nitrobenzene-d5
Concen: 85.574 ng
RT: 9.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM040135.D
Acq: 07 Jun 2023 11:18

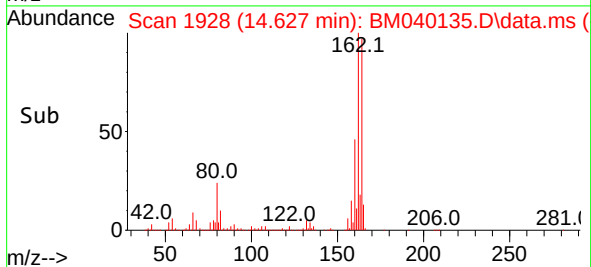
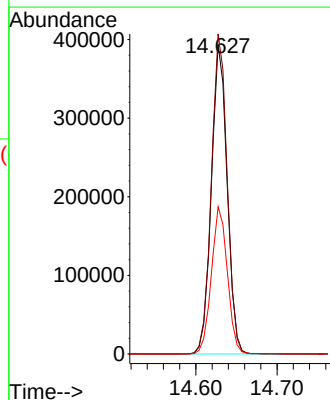
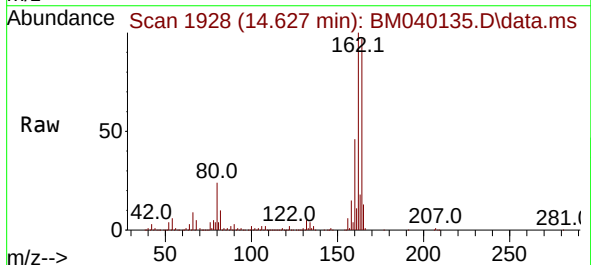
Instrument :
BNA_M
ClientSampleId :
TP-21-0A

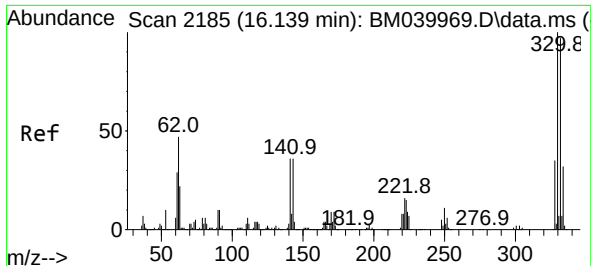
Tgt Ion: 82 Resp: 1459541
Ion Ratio Lower Upper
82 100
128 43.5 36.5 54.7
54 47.8 38.3 57.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM040135.D
Acq: 07 Jun 2023 11:18

Tgt Ion:164 Resp: 527643
Ion Ratio Lower Upper
164 100
162 103.5 80.6 120.8
160 47.6 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 169.514 ng

RT: 16.115 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040135.D

Acq: 07 Jun 2023 11:18

Instrument :

BNA_M

ClientSampleId :

TP-21-0A

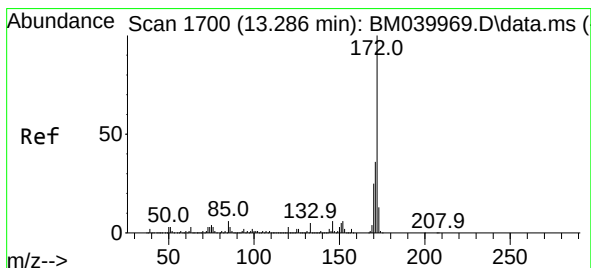
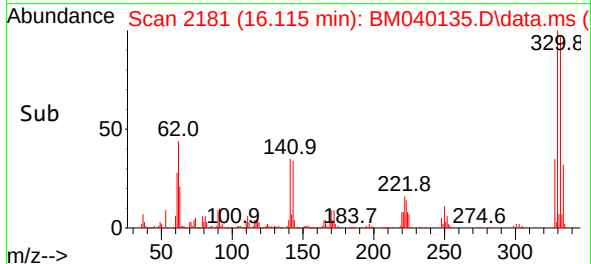
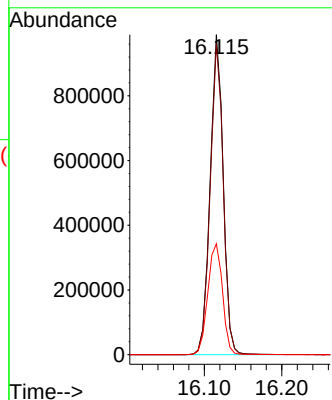
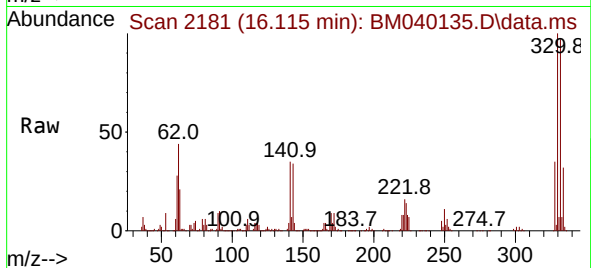
Tgt Ion:330 Resp: 1160896

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

141 39.0 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 82.134 ng

RT: 13.257 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BM040135.D

Acq: 07 Jun 2023 11:18

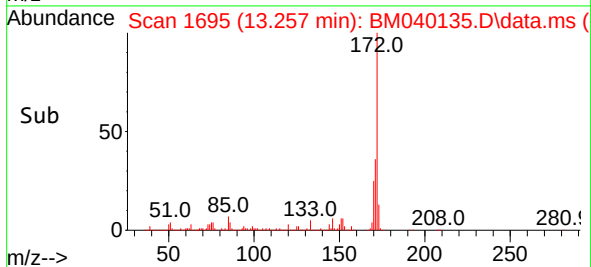
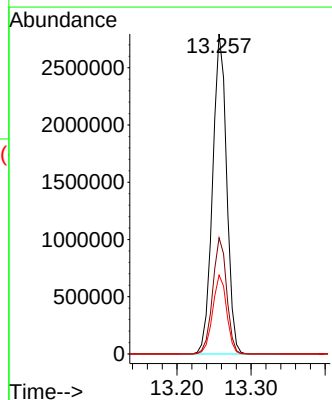
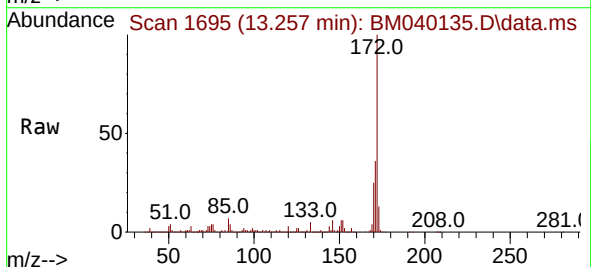
Tgt Ion:172 Resp: 3674280

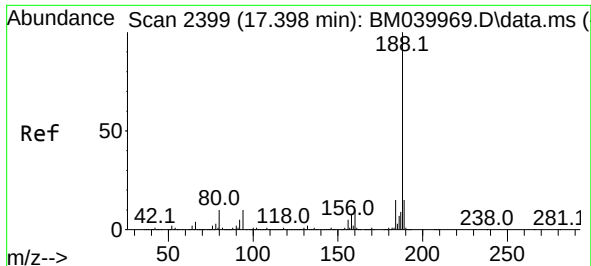
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.6 19.6 29.4

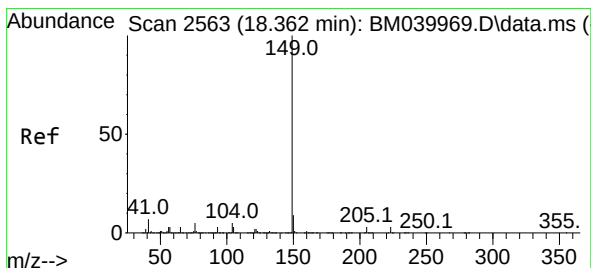
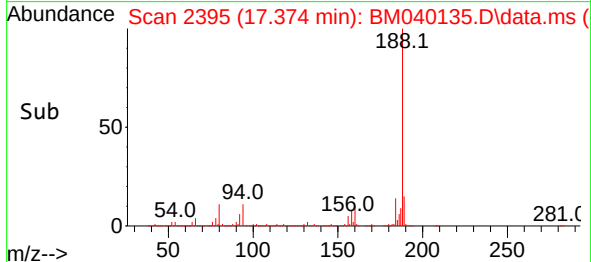
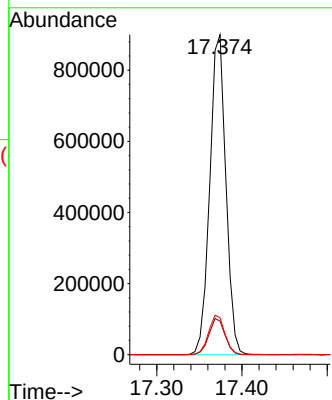
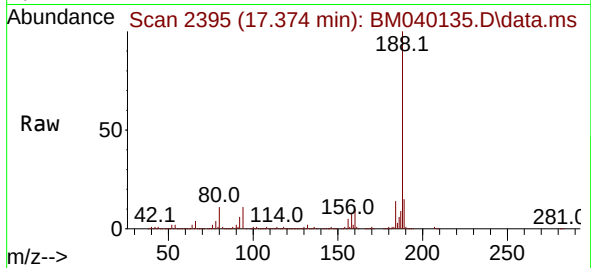




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040135.D
Acq: 07 Jun 2023 11:18

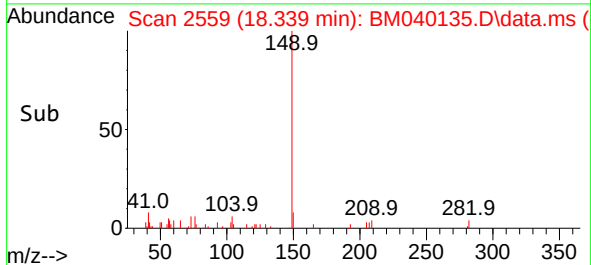
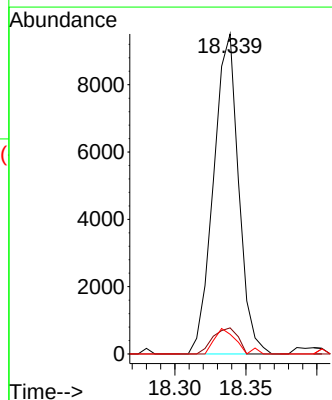
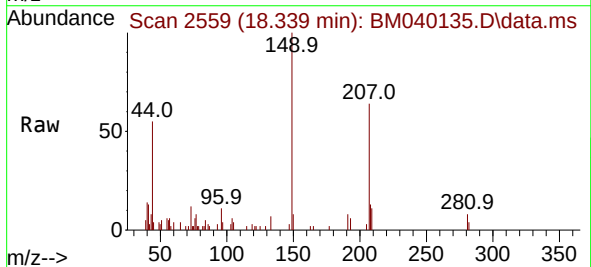
Instrument :
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TP-21-0A

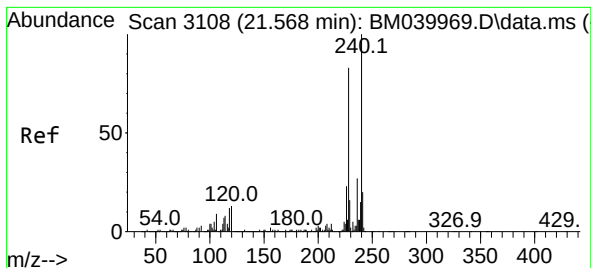
Tgt Ion:188 Resp: 1179637
Ion Ratio Lower Upper
188 100
94 10.5 7.8 11.8
80 11.5 8.2 12.4



#74
Di-n-butylphthalate
Concen: 3.795 ng
RT: 18.339 min Scan# 2559
Delta R.T. -0.006 min
Lab File: BM040135.D
Acq: 07 Jun 2023 11:18

Tgt Ion:149 Resp: 11666
Ion Ratio Lower Upper
149 100
150 8.1 7.4 11.2
104 6.2 4.2 6.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.550 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BM040135.D

Acq: 07 Jun 2023 11:18

Instrument :

BNA_M

ClientSampleId :

TP-21-0A

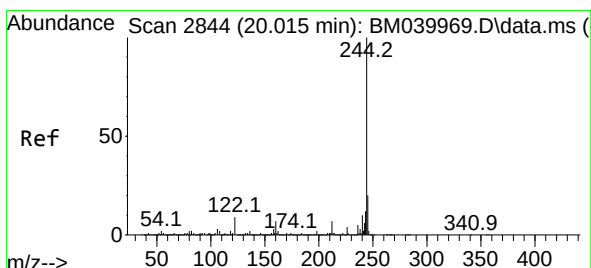
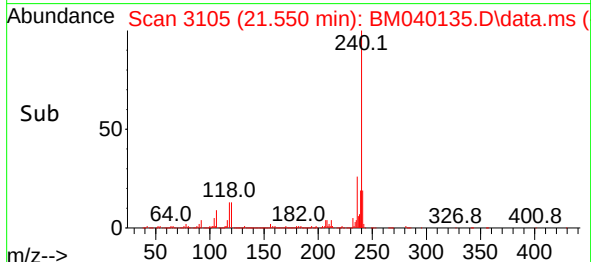
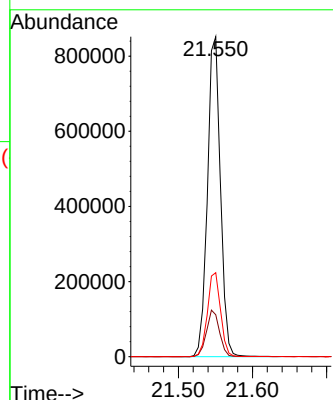
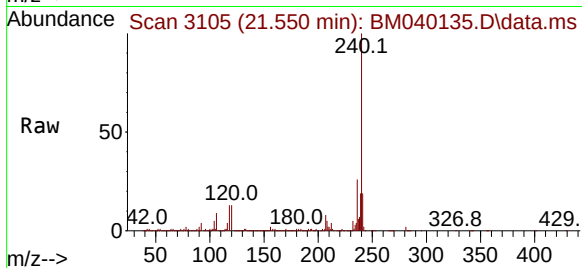
Tgt Ion:240 Resp: 1034912

Ion Ratio Lower Upper

240 100

120 13.1 10.1 15.1

236 26.3 21.3 31.9



#79

Terphenyl-d14

Concen: 122.541 ng

RT: 19.992 min Scan# 2840

Delta R.T. -0.000 min

Lab File: BM040135.D

Acq: 07 Jun 2023 11:18

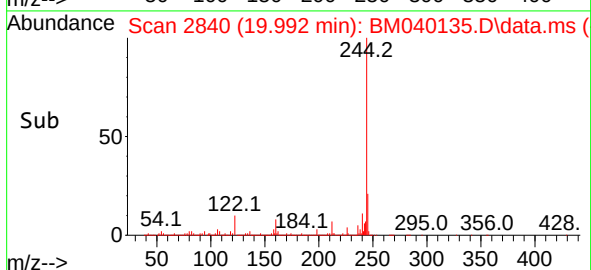
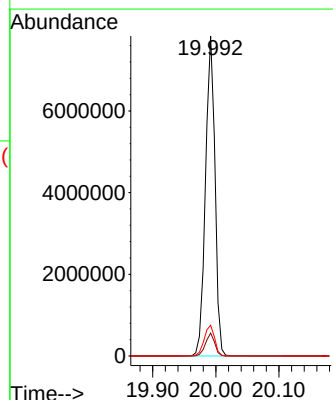
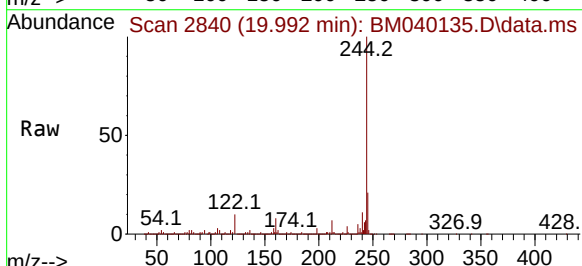
Tgt Ion:244 Resp: 8167688

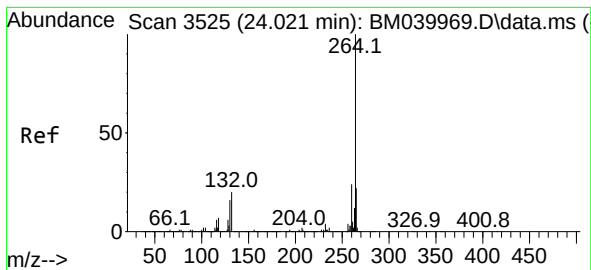
Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

122 9.6 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.986 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM040135.D
Acq: 07 Jun 2023 11:18

Instrument :
BNA_M
ClientSampleId :
TP-21-0A

Tgt Ion:264 Resp: 1039109

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.7	17.7	26.5

