

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060723\
 Data File : BM040146.D
 Acq On : 07 Jun 2023 17:58
 Operator : MA/JU
 Sample : 03050-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-22-0A

Quant Time: Jun 07 18:36:07 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)

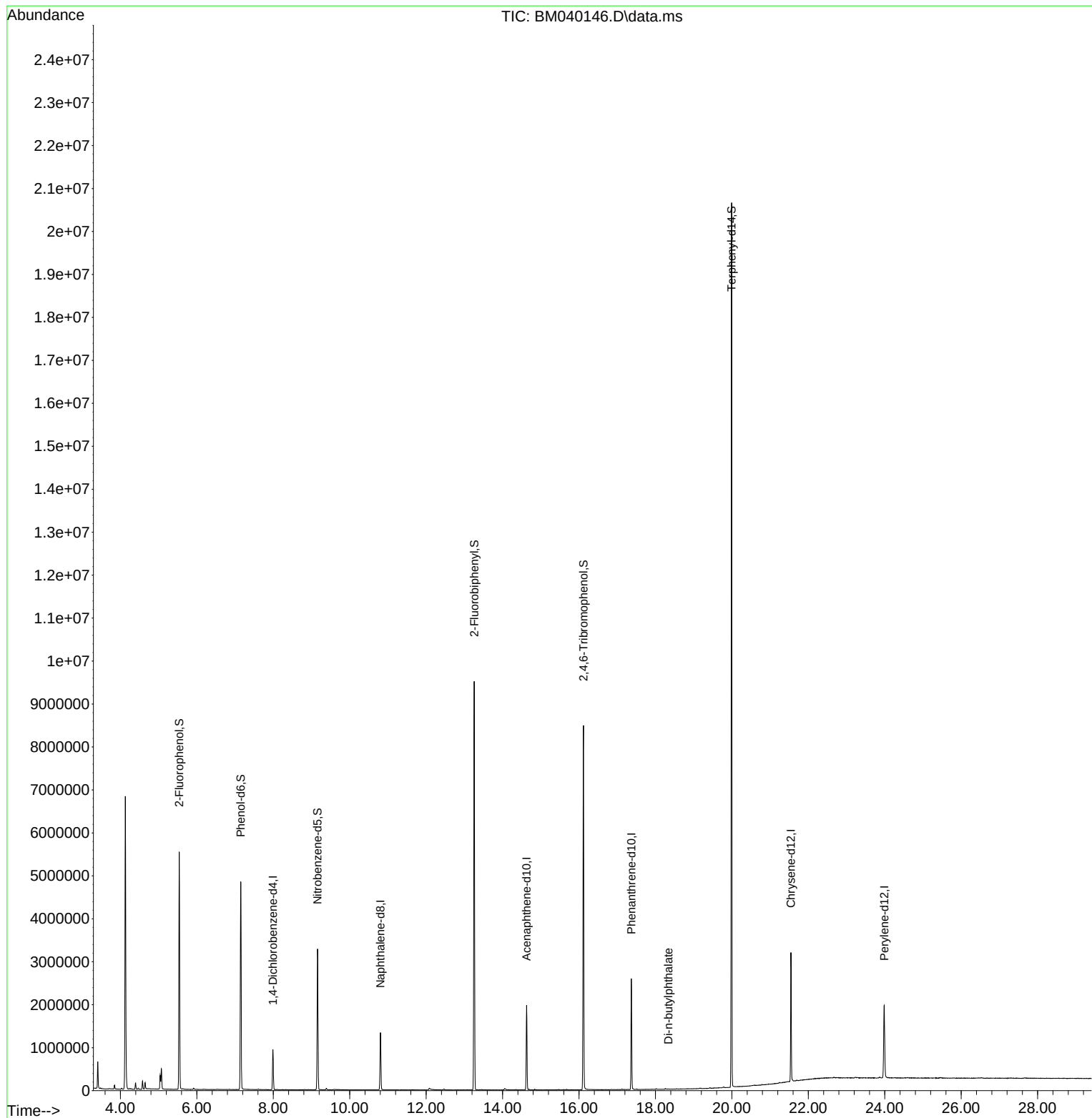
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	255248	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1080273	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	617104	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1358213	20.000	ng	0.00
76) Chrysene-d12	21.545	240	1147844	20.000	ng	-0.01
86) Perylene-d12	23.986	264	1103058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2449094	147.180	ng	0.00
7) Phenol-d6	7.146	99	2937733	135.339	ng	0.00
23) Nitrobenzene-d5	9.157	82	1832541	91.536	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	1504072	187.785	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	4511794	86.235	ng	0.00
79) Terphenyl-d14	19.992	244	9184511	124.240	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.339	149	4460	3.706	ng	Qvalue # 91

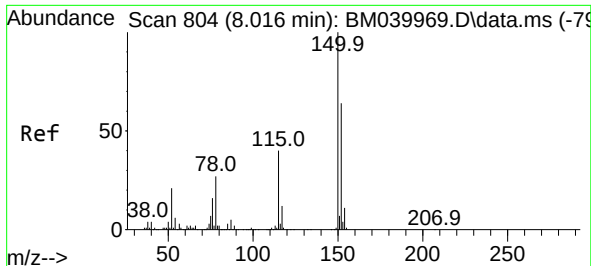
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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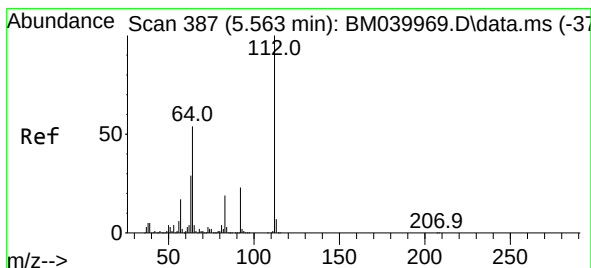
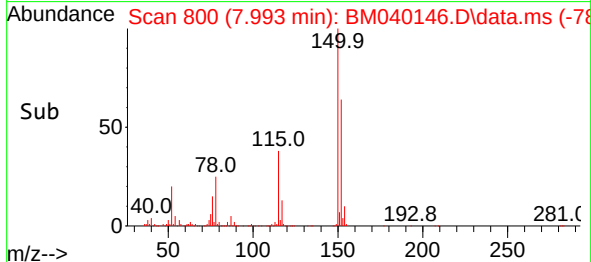
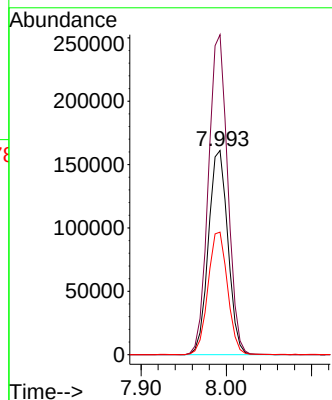
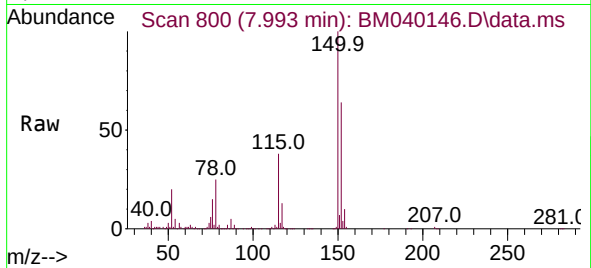




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM040146.D
Acq: 07 Jun 2023 17:58

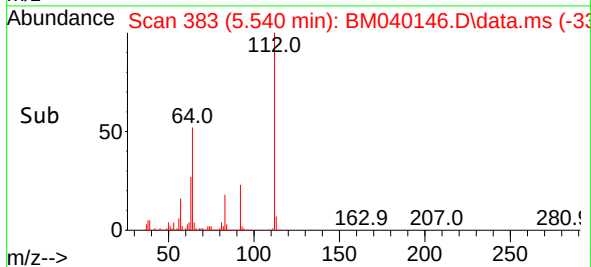
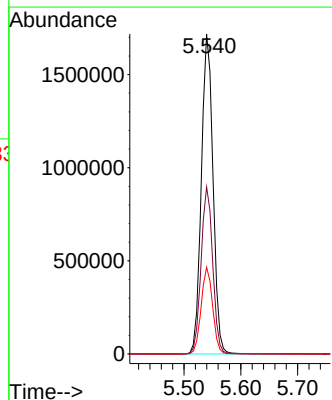
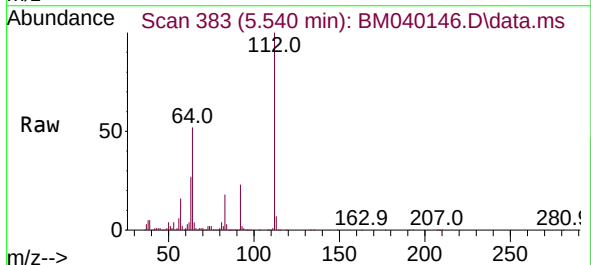
Instrument :
BNA_M
ClientSampleId :
TP-22-0A

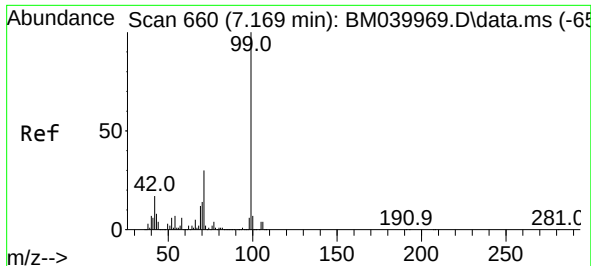
Tgt Ion:152 Resp: 255248
Ion Ratio Lower Upper
152 100
150 156.7 125.5 188.3
115 60.0 50.2 75.2



#5
2-Fluorophenol
Concen: 147.180 ng
RT: 5.540 min Scan# 383
Delta R.T. -0.000 min
Lab File: BM040146.D
Acq: 07 Jun 2023 17:58

Tgt Ion:112 Resp: 2449094
Ion Ratio Lower Upper
112 100
64 52.2 43.0 64.4
63 27.1 22.9 34.3



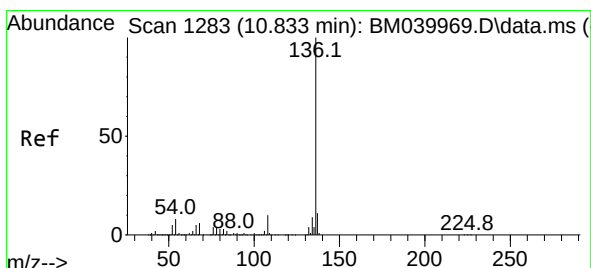
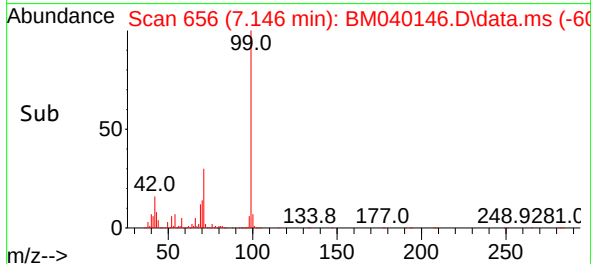
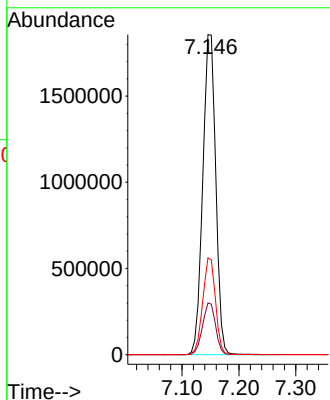
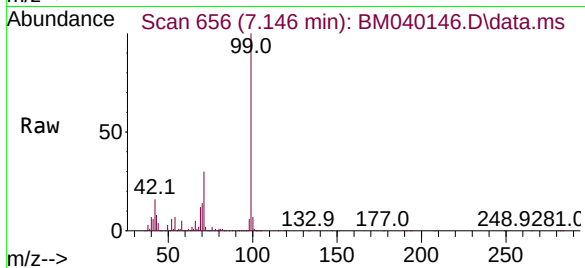


#7
Phenol-d6
Concen: 135.339 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040146.D
Acq: 07 Jun 2023 17:58

Instrument :
BNA_M
ClientSampleId :
TP-22-0A

Tgt Ion: 99 Resp: 2937733

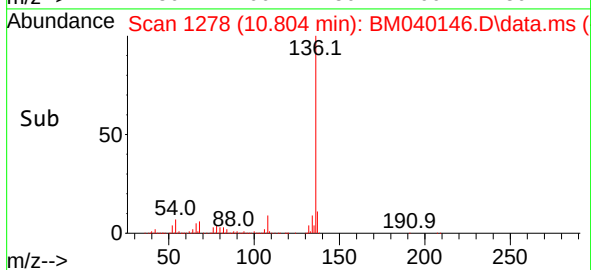
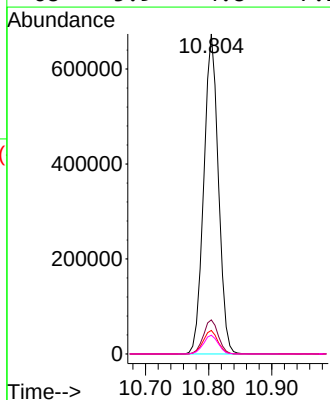
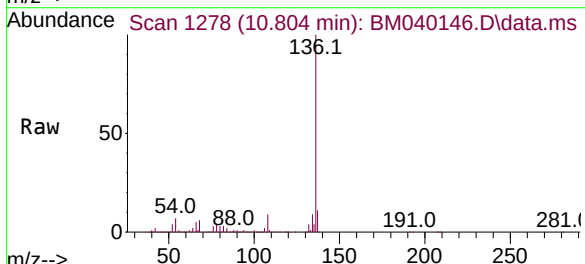
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.8	20.6
71	30.2	24.4	36.6

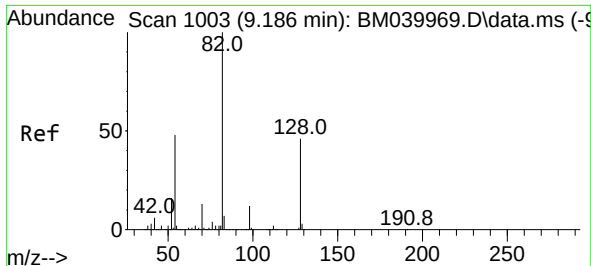


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM040146.D
Acq: 07 Jun 2023 17:58

Tgt Ion:136 Resp: 1080273

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.3	6.1	9.1
68	5.9	4.8	7.2

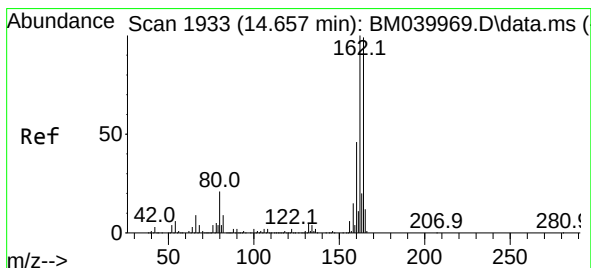
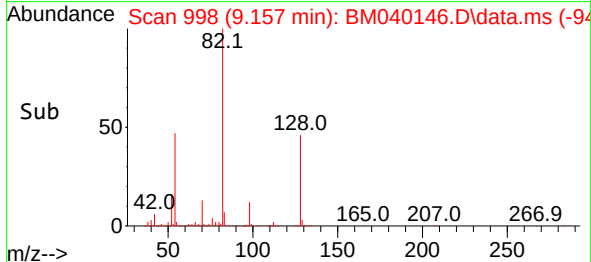
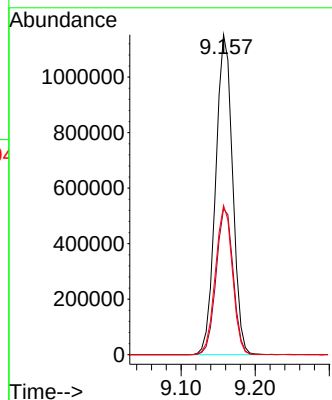
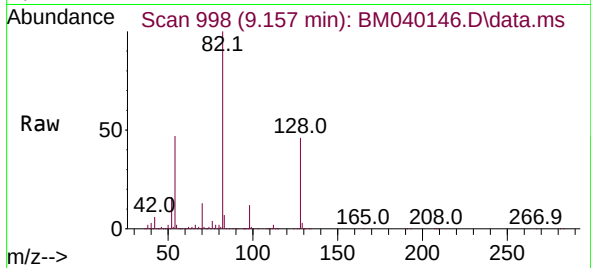




#23
Nitrobenzene-d5
Concen: 91.536 ng
RT: 9.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM040146.D
Acq: 07 Jun 2023 17:58

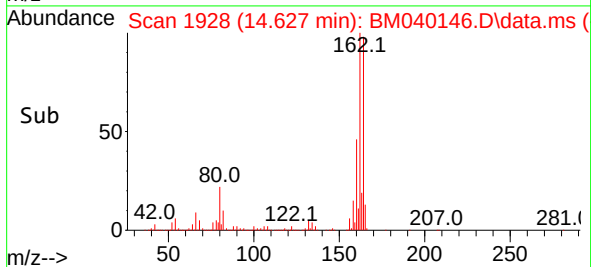
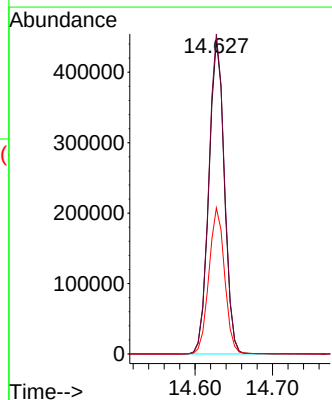
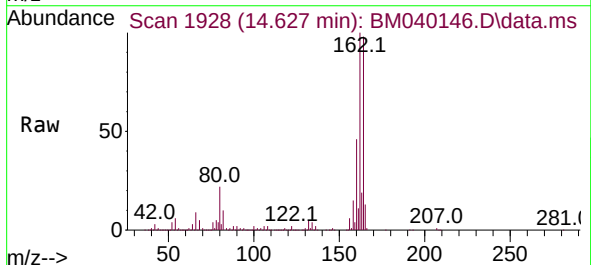
Instrument :
BNA_M
ClientSampleId :
TP-22-0A

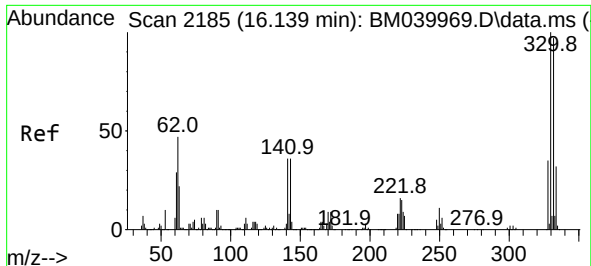
Tgt Ion: 82 Resp: 1832541
Ion Ratio Lower Upper
82 100
128 45.6 36.5 54.7
54 46.7 38.3 57.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM040146.D
Acq: 07 Jun 2023 17:58

Tgt Ion: 164 Resp: 617104
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 46.5 36.7 55.1

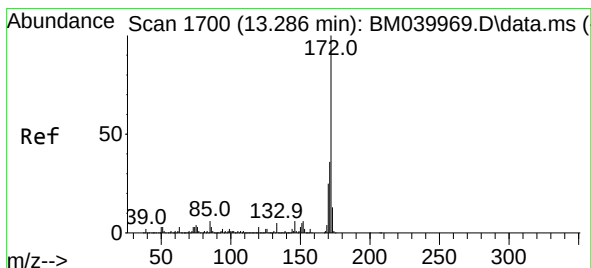
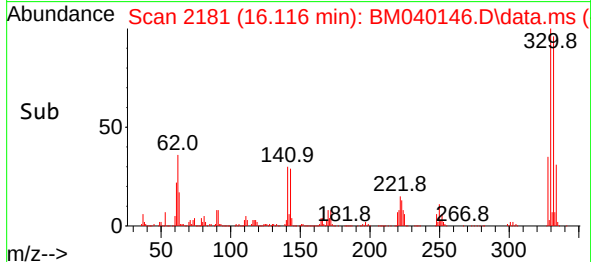
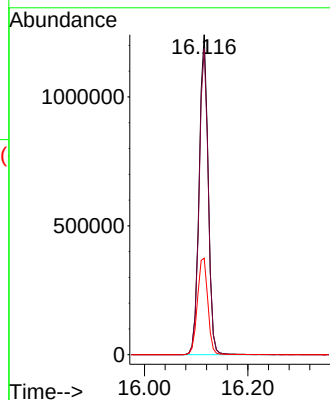
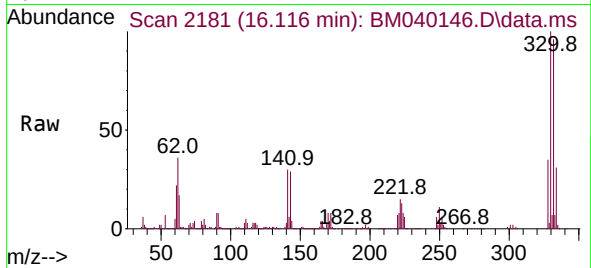




#42
 2,4,6-Tribromophenol
 Concen: 187.785 ng
 RT: 16.116 min Scan# 2185
 Delta R.T. -0.006 min
 Lab File: BM040146.D
 Acq: 07 Jun 2023 17:58

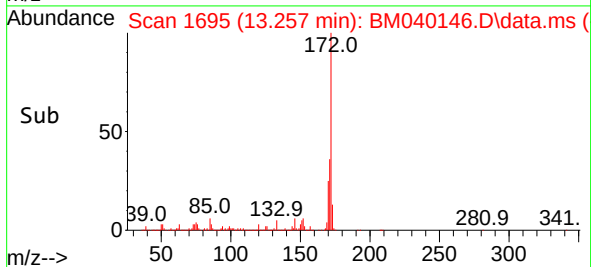
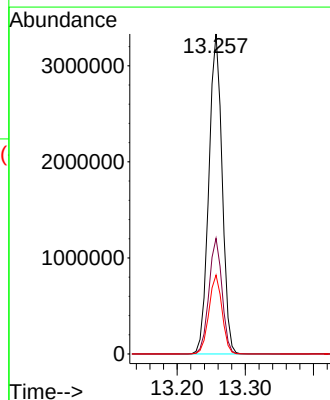
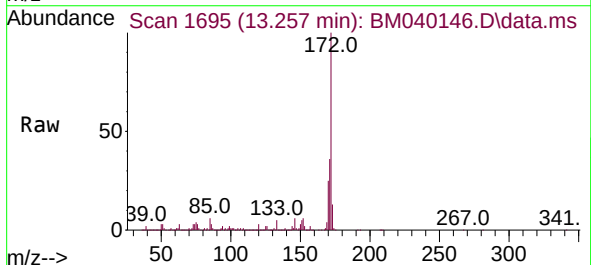
Instrument :
 BNA_M
 ClientSampleId :
 TP-22-0A

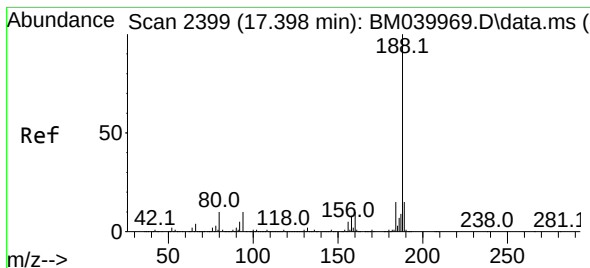
Tgt Ion:330 Resp: 1504072
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 34.7 31.6 47.4



#45
 2-Fluorobiphenyl
 Concen: 86.235 ng
 RT: 13.257 min Scan# 1695
 Delta R.T. -0.006 min
 Lab File: BM040146.D
 Acq: 07 Jun 2023 17:58

Tgt Ion:172 Resp: 4511794
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.8 43.2
 170 24.6 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040146.D

Acq: 07 Jun 2023 17:58

Instrument :

BNA_M

ClientSampleId :

TP-22-0A

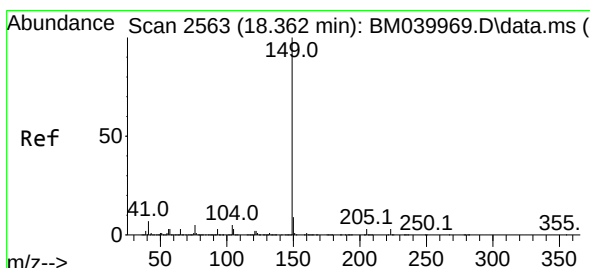
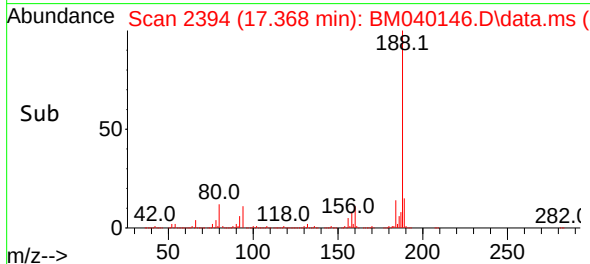
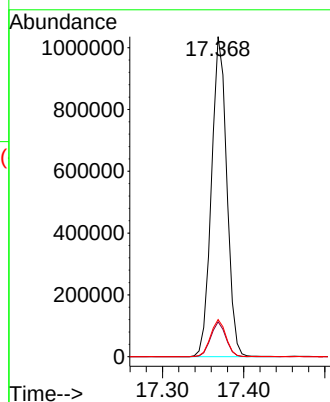
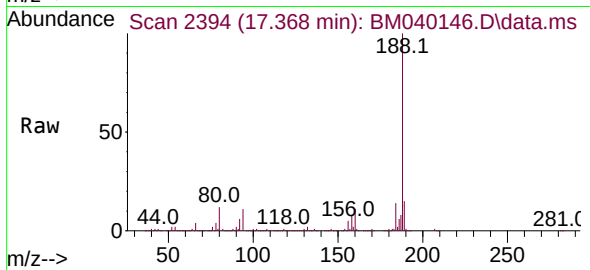
Tgt Ion:188 Resp: 1358213

Ion Ratio Lower Upper

188 100

94 10.9 7.8 11.8

80 11.6 8.2 12.4



#74

Di-n-butylphthalate

Concen: 3.706 ng

RT: 18.339 min Scan# 2559

Delta R.T. -0.006 min

Lab File: BM040146.D

Acq: 07 Jun 2023 17:58

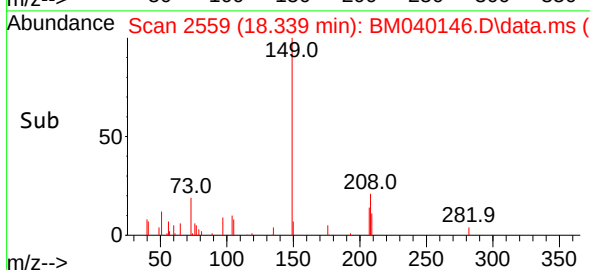
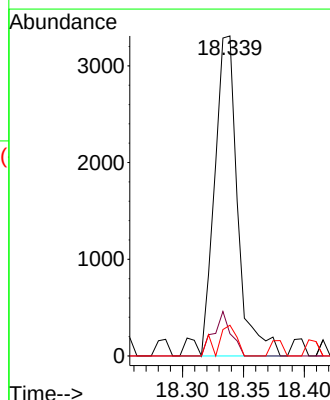
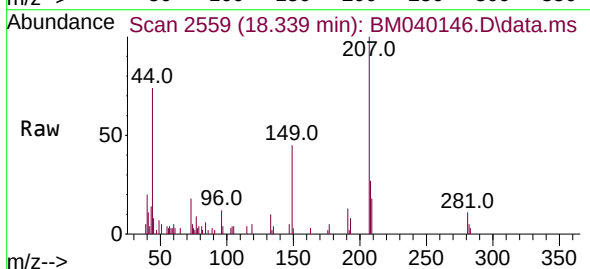
Tgt Ion:149 Resp: 4460

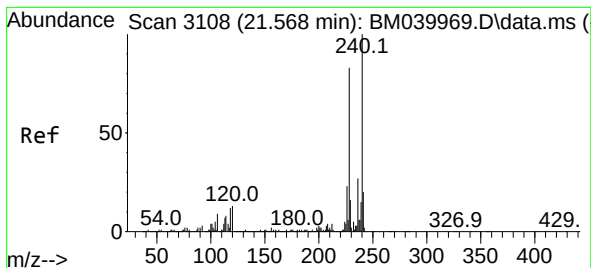
Ion Ratio Lower Upper

149 100

150 7.0 7.4 11.2#

104 9.6 4.2 6.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.545 min Scan# 3108

Delta R.T. -0.012 min

Lab File: BM040146.D

Acq: 07 Jun 2023 17:58

Instrument :

BNA_M

ClientSampleId :

TP-22-0A

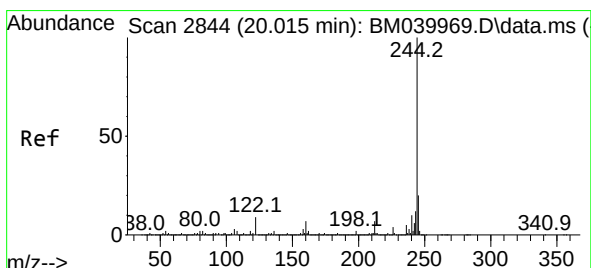
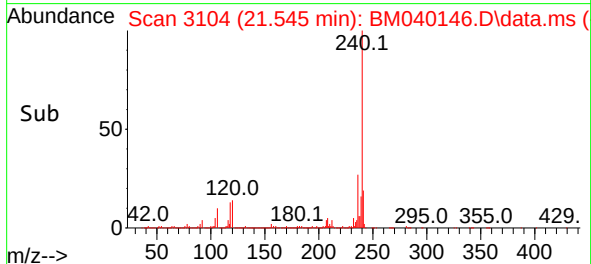
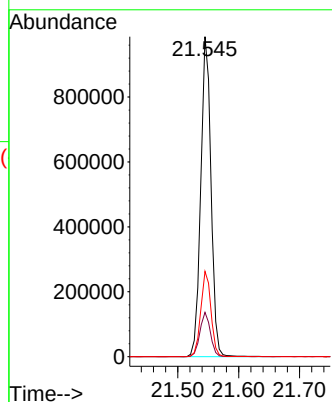
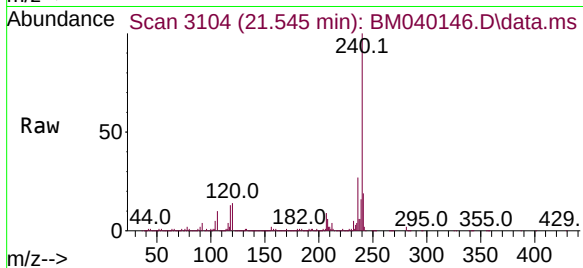
Tgt Ion:240 Resp: 1147844

Ion Ratio Lower Upper

240 100

120 13.8 10.1 15.1

236 26.7 21.3 31.9



#79

Terphenyl-d14

Concen: 124.240 ng

RT: 19.992 min Scan# 2840

Delta R.T. -0.000 min

Lab File: BM040146.D

Acq: 07 Jun 2023 17:58

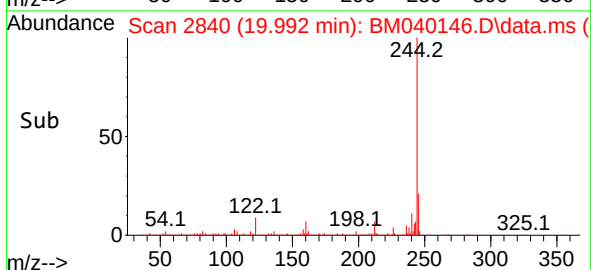
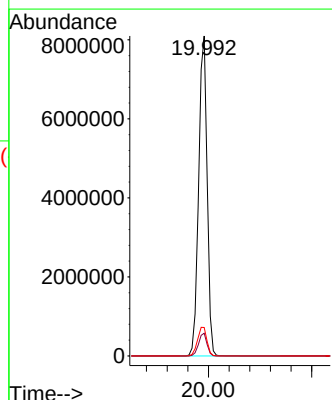
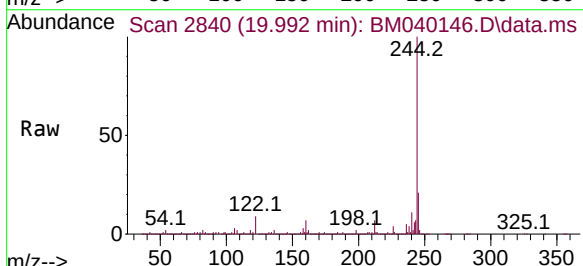
Tgt Ion:244 Resp: 9184511

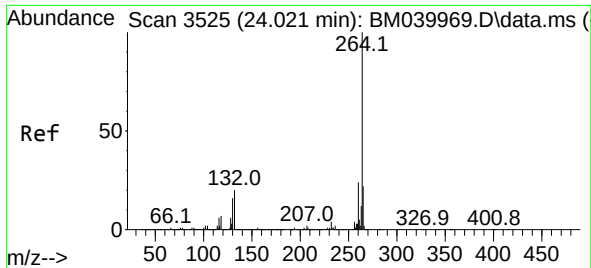
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 8.9 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: BM040146.D
 Acq: 07 Jun 2023 17:58

Instrument :
 BNA_M
 ClientSampleId :
 TP-22-0A

Tgt Ion:264 Resp: 1103058
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.6 17.7 26.5

