

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051123\
 Data File : BM039911.D
 Acq On : 11 May 2023 23:37
 Operator : CG/JU
 Sample : PB152628BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152628BL

Quant Time: May 12 03:32:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 02:40:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	360448	20.000	ng	0.00
21) Naphthalene-d8	10.854	136	1435420	20.000	ng	0.00
39) Acenaphthene-d10	14.671	164	747647	20.000	ng	0.00
64) Phenanthrene-d10	17.412	188	1292824	20.000	ng	0.00
76) Chrysene-d12	21.583	240	688533	20.000	ng	0.00
86) Perylene-d12	24.041	264	653361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.578	112	3766744	166.426	ng	0.00
7) Phenol-d6	7.184	99	4424863	150.007	ng	0.00
23) Nitrobenzene-d5	9.201	82	2449331	100.493	ng	0.00
42) 2,4,6-Tribromophenol	16.154	330	1496514	116.358	ng	0.00
45) 2-Fluorobiphenyl	13.301	172	6355369	102.459	ng	0.00
79) Terphenyl-d14	20.030	244	7024071	153.402	ng	0.00

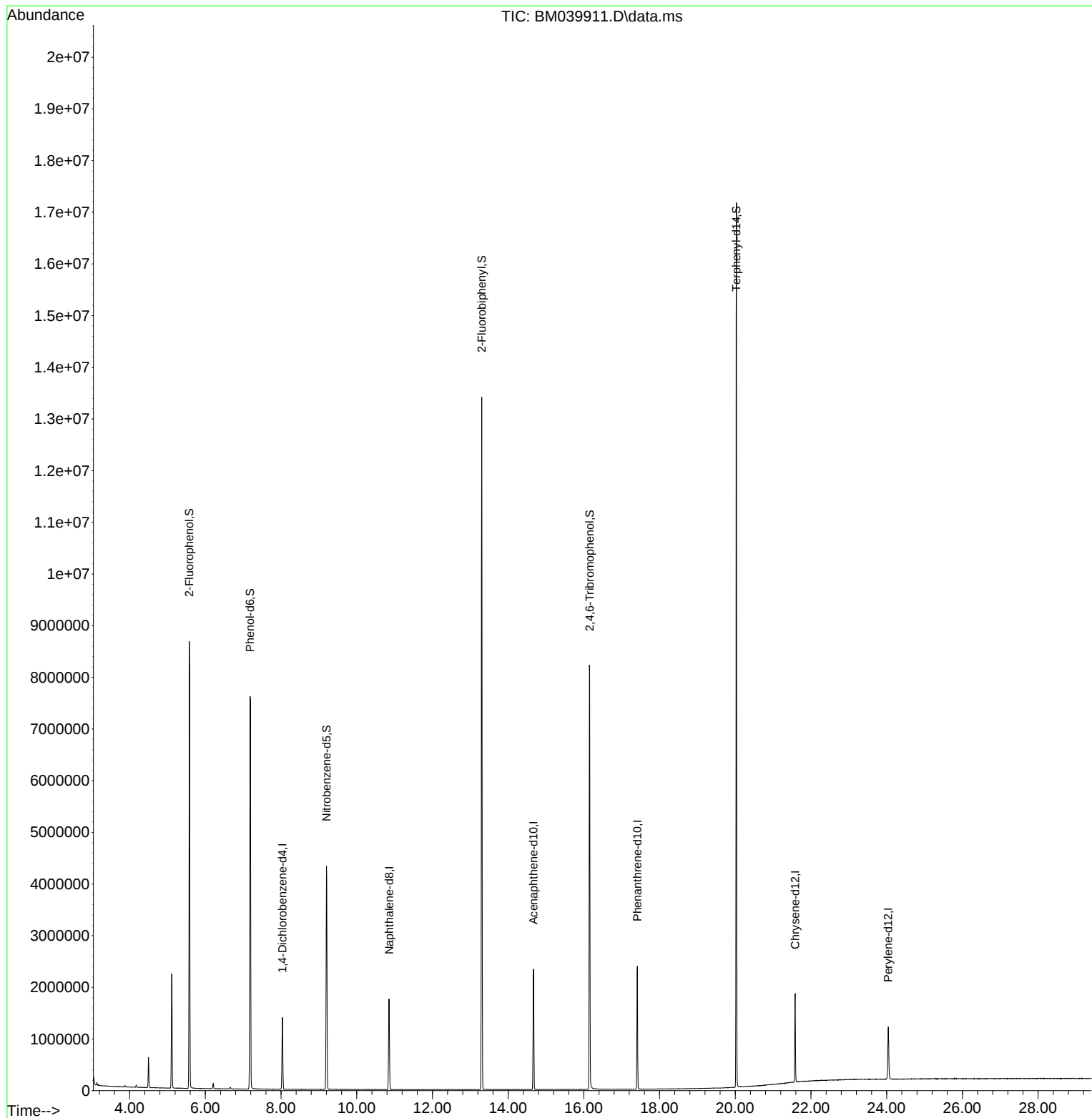
Target Compounds	Qvalue

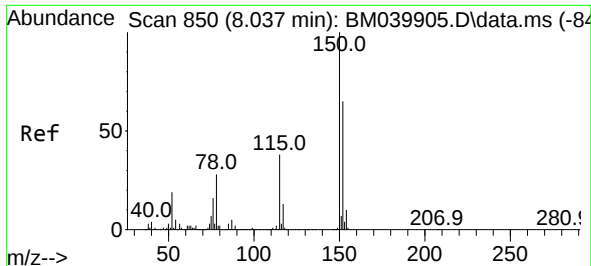
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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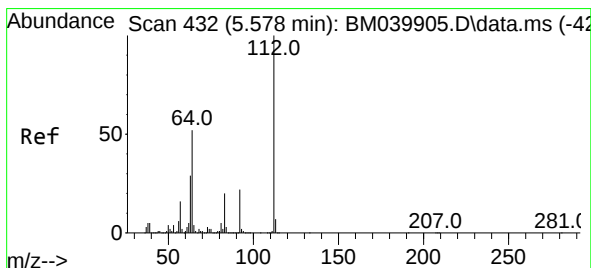
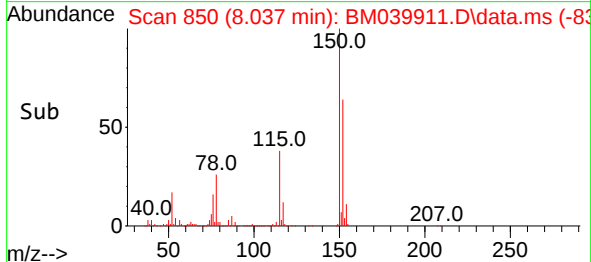
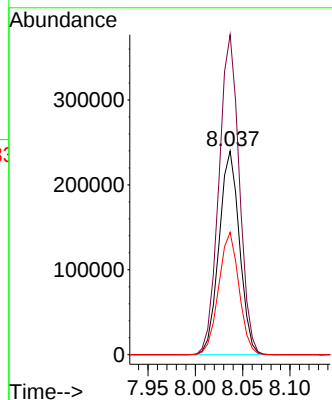
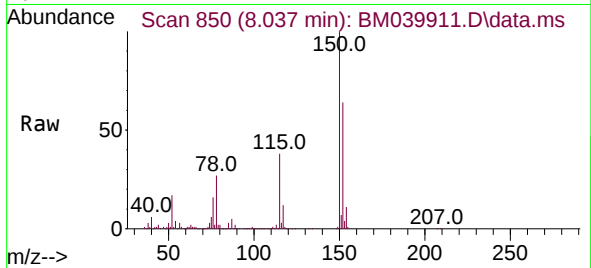




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.037 min Scan# 850
Delta R.T. -0.000 min
Lab File: BM039911.D
Acq: 11 May 2023 23:37

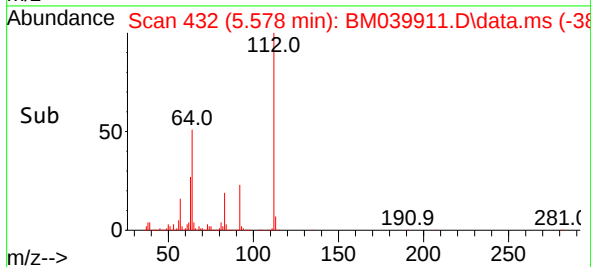
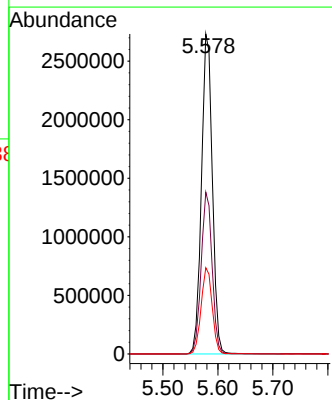
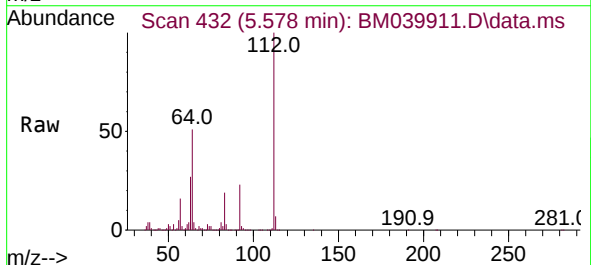
Instrument :
BNA_M
ClientSampleId :
PB152628BL

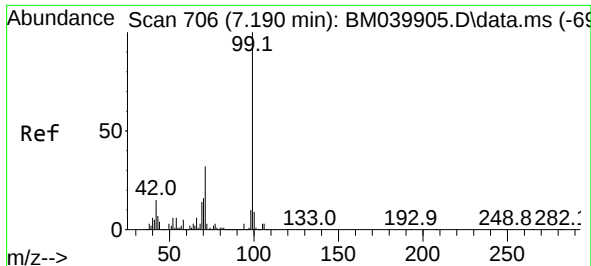
Tgt Ion:152 Resp: 360448
Ion Ratio Lower Upper
152 100
150 157.1 122.3 183.5
115 60.1 46.8 70.2



#5
2-Fluorophenol
Concen: 166.426 ng
RT: 5.578 min Scan# 432
Delta R.T. 0.000 min
Lab File: BM039911.D
Acq: 11 May 2023 23:37

Tgt Ion:112 Resp: 3766744
Ion Ratio Lower Upper
112 100
64 50.6 41.8 62.6
63 27.0 23.0 34.4



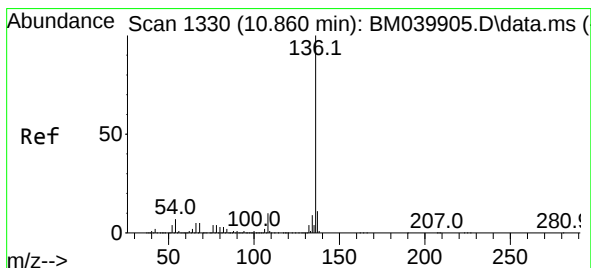
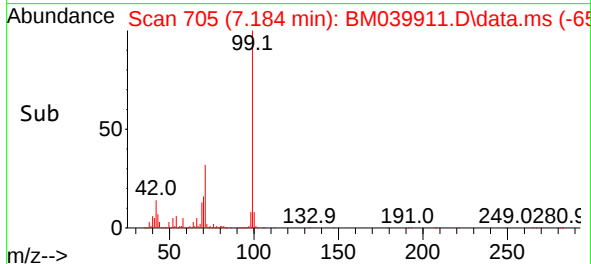
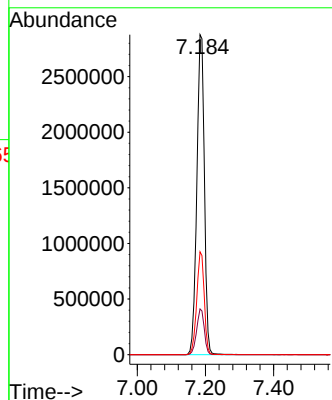
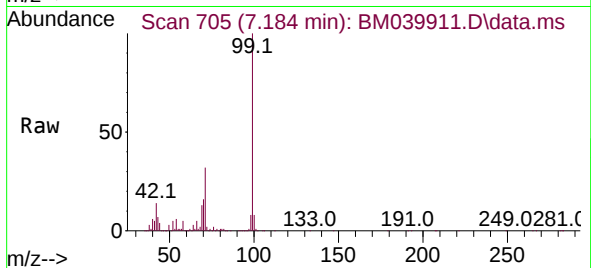


#7
Phenol-d6
Concen: 150.007 ng
RT: 7.184 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM039911.D
Acq: 11 May 2023 23:37

Instrument :
BNA_M
ClientSampleId :
PB152628BL

Tgt Ion: 99 Resp: 4424863

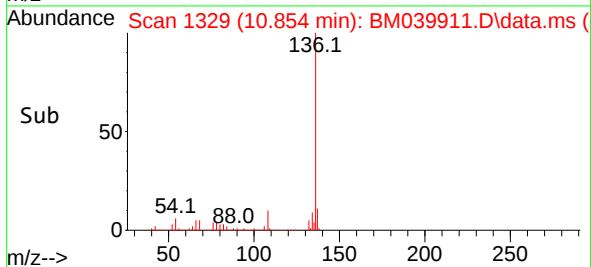
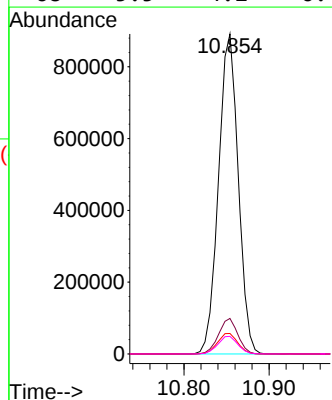
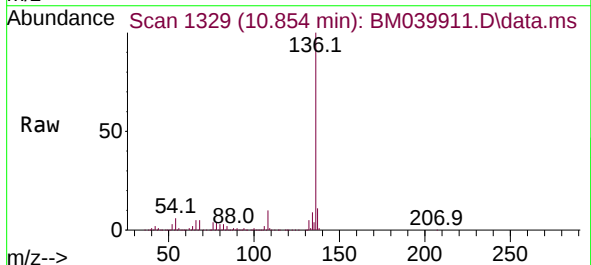
Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.1	18.1
71	32.2	25.6	38.4

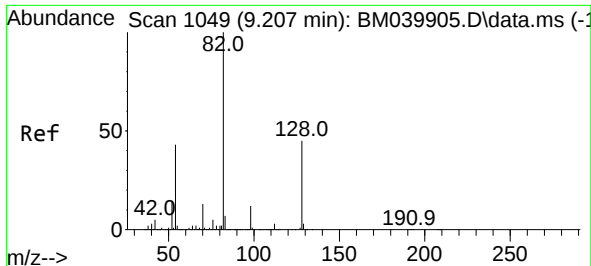


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.854 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BM039911.D
Acq: 11 May 2023 23:37

Tgt Ion: 136 Resp: 1435420

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.4	5.3	7.9
68	5.5	4.2	6.4





#23

Nitrobenzene-d5

Concen: 100.493 ng

RT: 9.201 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BM039911.D

Acq: 11 May 2023 23:37

Instrument :

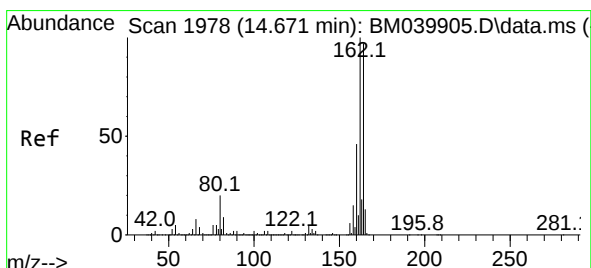
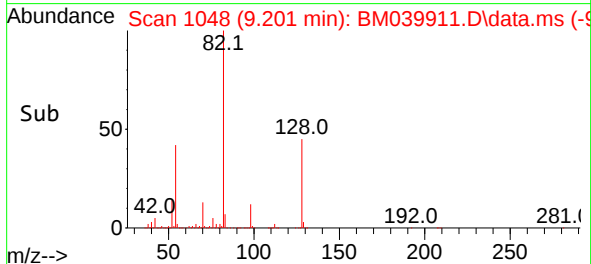
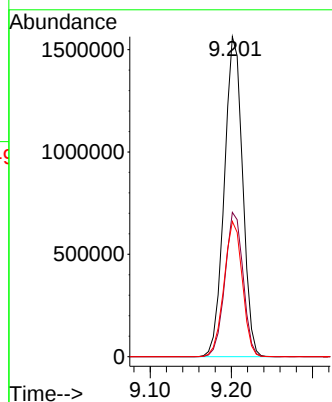
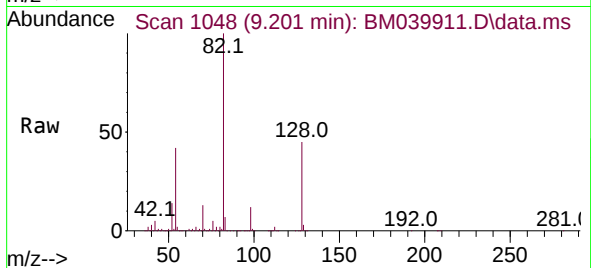
BNA_M

ClientSampleId :

PB152628BL

Tgt Ion: 82 Resp: 2449331

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.9	53.9
54	42.3	34.2	51.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.671 min Scan# 1978

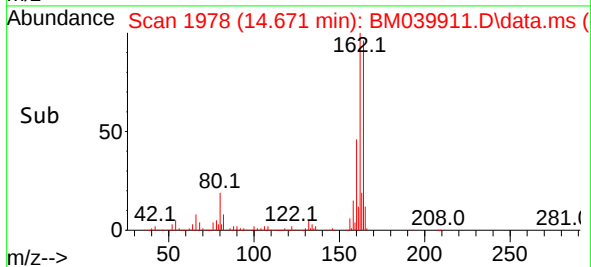
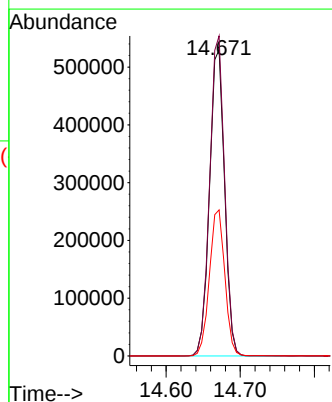
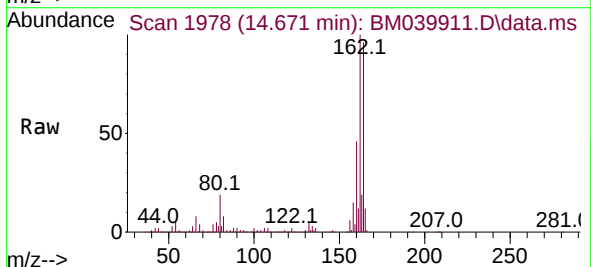
Delta R.T. 0.000 min

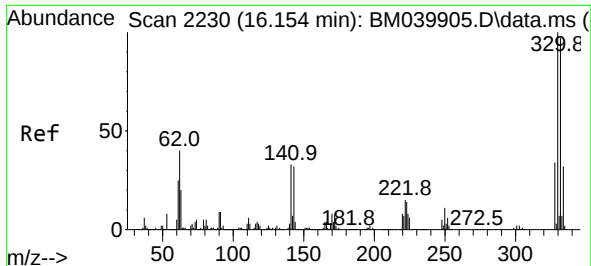
Lab File: BM039911.D

Acq: 11 May 2023 23:37

Tgt Ion:164 Resp: 747647

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.4	123.6
160	47.7	37.8	56.6

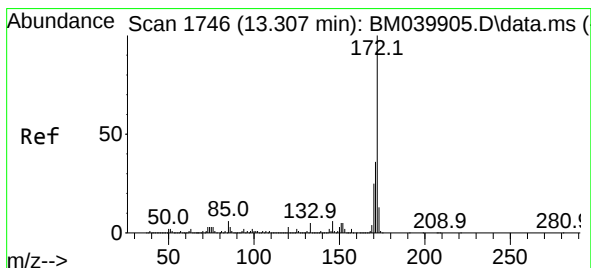
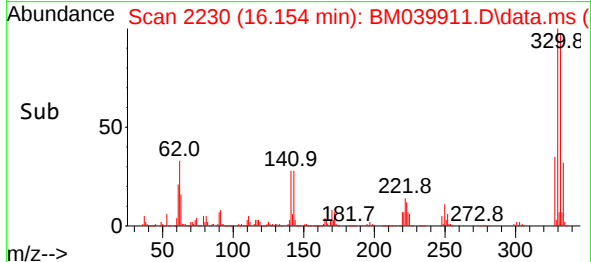
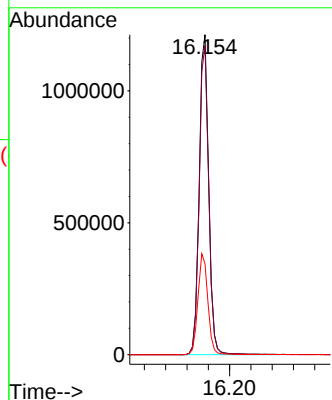
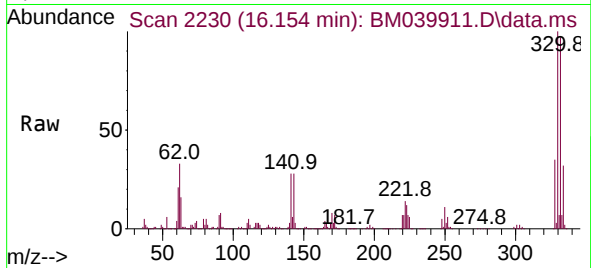




#42
2,4,6-Tribromophenol
Concen: 116.358 ng
RT: 16.154 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039911.D
Acq: 11 May 2023 23:37

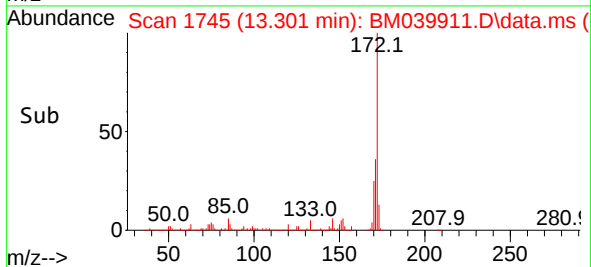
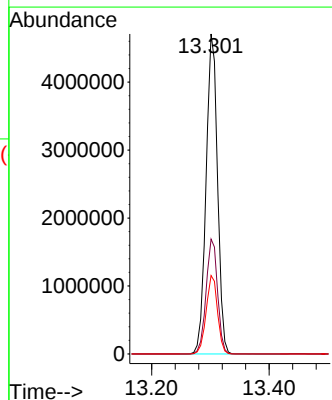
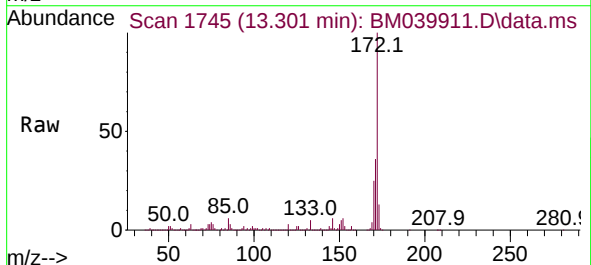
Instrument :
BNA_M
ClientSampleId :
PB152628BL

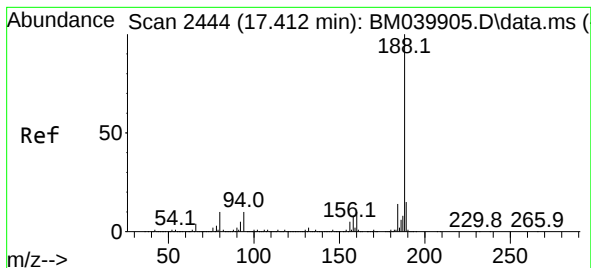
Tgt Ion:330 Resp: 1496514
Ion Ratio Lower Upper
330 100
332 96.4 77.9 116.9
141 33.1 26.5 39.7



#45
2-Fluorobiphenyl
Concen: 102.459 ng
RT: 13.301 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM039911.D
Acq: 11 May 2023 23:37

Tgt Ion:172 Resp: 6355369
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 24.5 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.412 min Scan# 2444

Delta R.T. 0.000 min

Lab File: BM039911.D

Acq: 11 May 2023 23:37

Instrument :

BNA_M

ClientSampleId :

PB152628BL

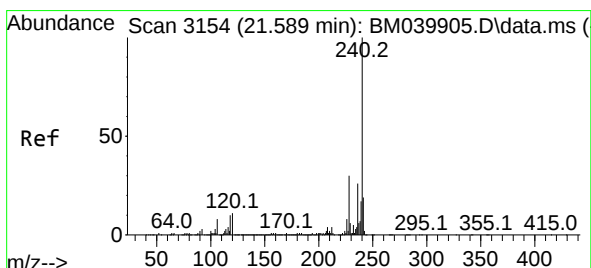
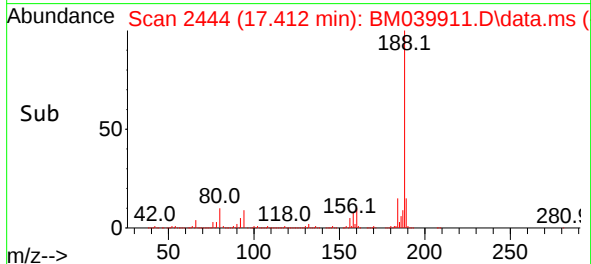
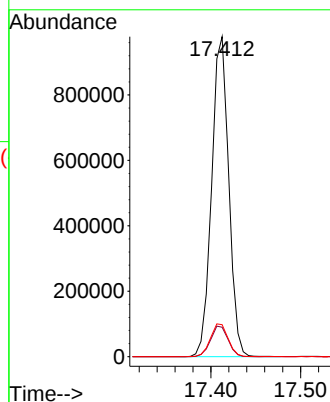
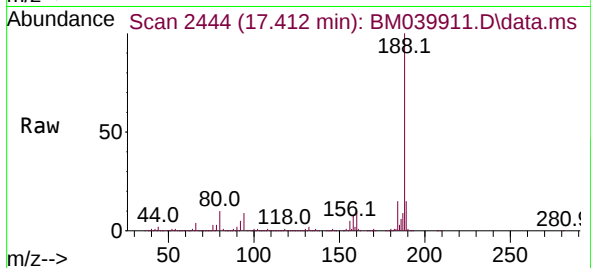
Tgt Ion:188 Resp: 1292824

Ion Ratio Lower Upper

188 100

94 9.2 7.7 11.5

80 10.0 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 3153

Delta R.T. -0.006 min

Lab File: BM039911.D

Acq: 11 May 2023 23:37

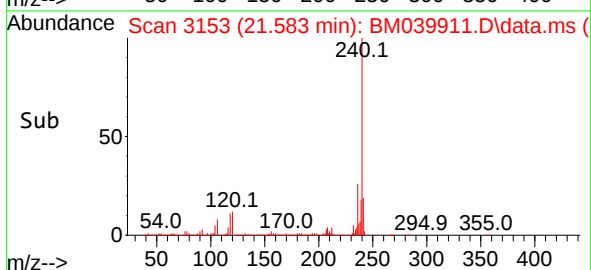
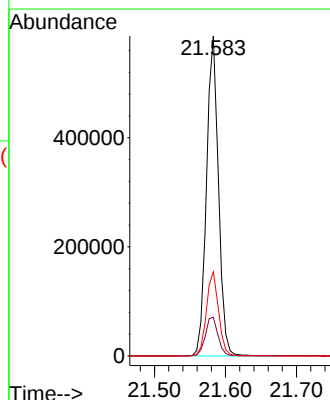
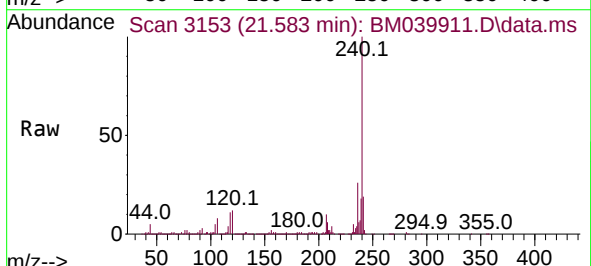
Tgt Ion:240 Resp: 688533

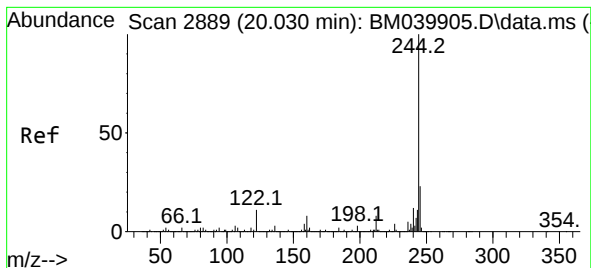
Ion Ratio Lower Upper

240 100

120 12.1 8.6 13.0

236 26.3 21.0 31.4





#79

Terphenyl-d14

Concen: 153.402 ng

RT: 20.030 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039911.D

Acq: 11 May 2023 23:37

Instrument :

BNA_M

ClientSampleId :

PB152628BL

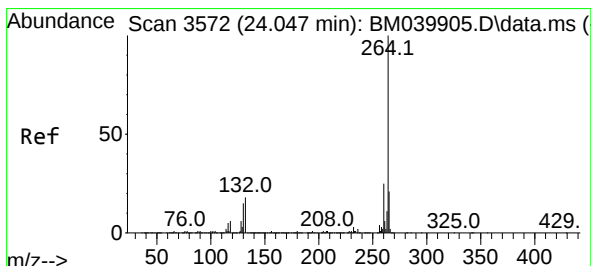
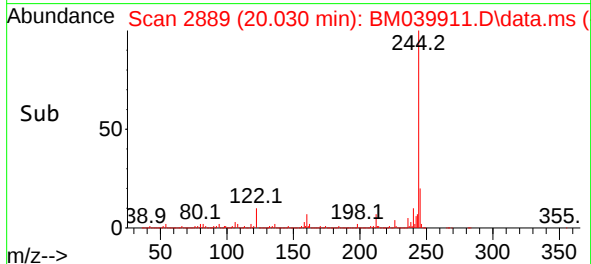
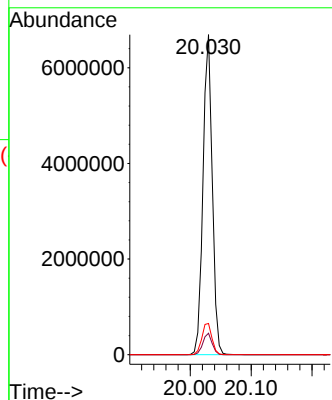
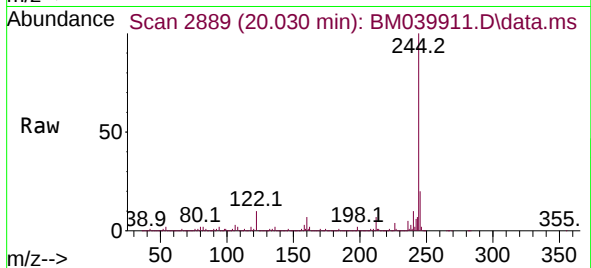
Tgt Ion:244 Resp: 7024071

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 9.8 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.041 min Scan# 3571

Delta R.T. -0.006 min

Lab File: BM039911.D

Acq: 11 May 2023 23:37

Tgt Ion:264 Resp: 653361

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.6

265 21.3 17.2 25.8

