

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020824\
 Data File : BM044028.D
 Acq On : 08 Feb 2024 18:44
 Operator : MA/JU
 Sample : PB158806TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158806TB

Quant Time: Feb 09 03:41:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	379698	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1502389	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	816025	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	1573412	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1207310	20.000	ng	0.00
86) Perylene-d12	23.897	264	1315176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	3356791	128.582	ng	0.00
7) Phenol-d6	7.081	99	4086027	123.013	ng	0.00
23) Nitrobenzene-d5	9.081	82	2391768	84.476	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1131631	128.080	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	4873390	84.286	ng	0.00
79) Terphenyl-d14	19.945	244	5840626	84.807	ng	0.00

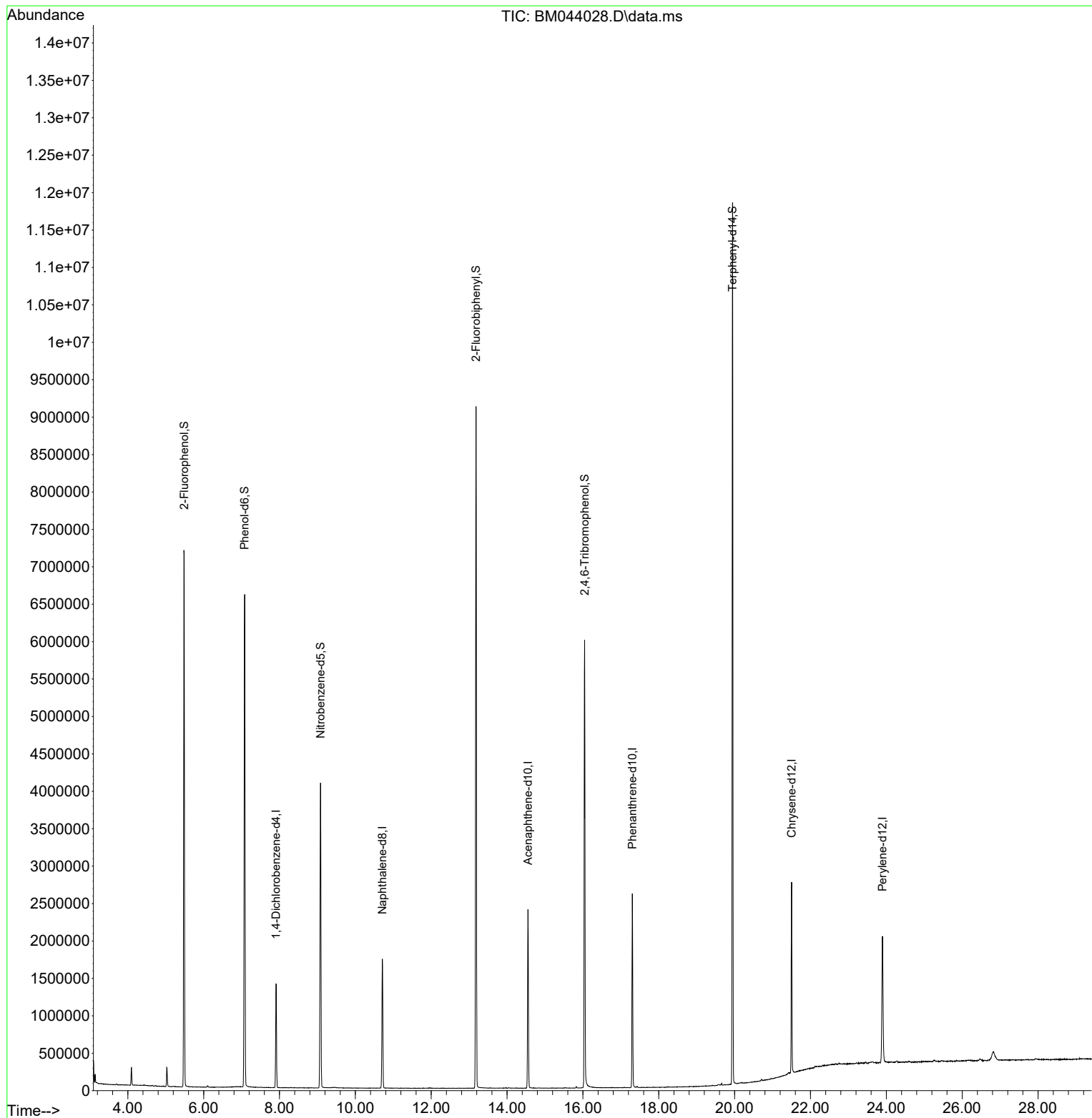
Target Compounds	Qvalue

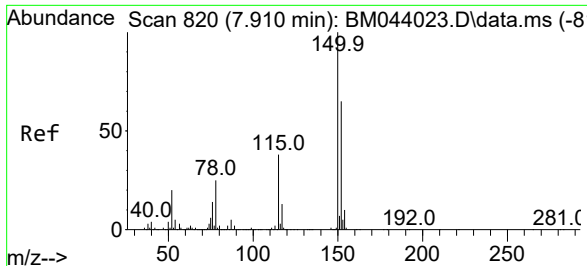
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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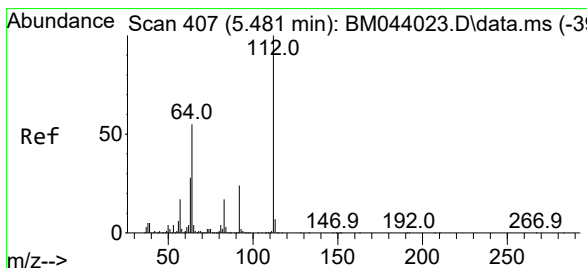
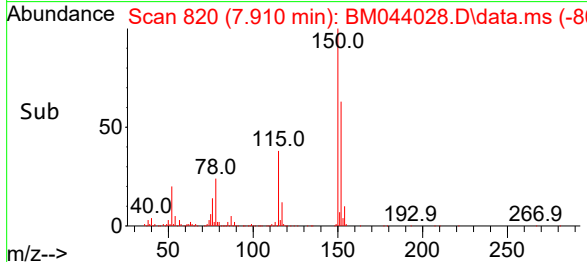
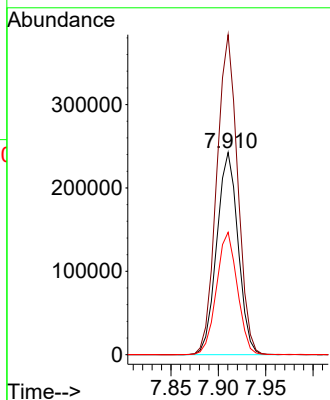
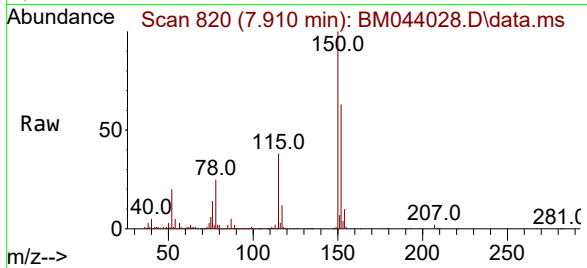




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

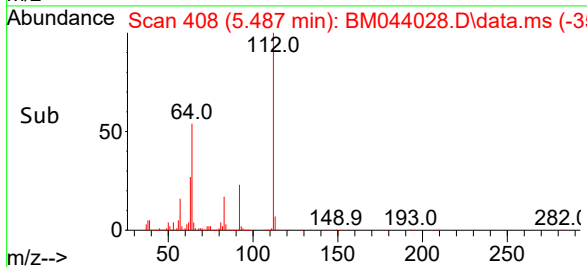
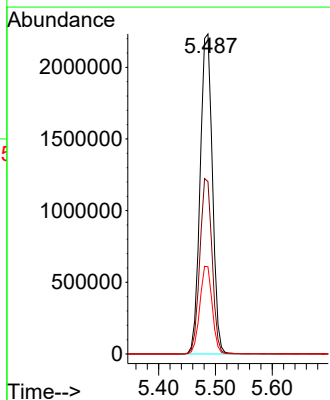
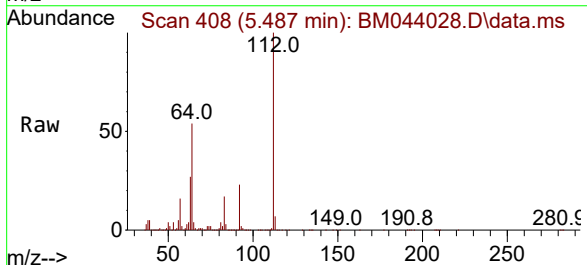
Instrument :
BNA_M
ClientSampleId :
PB158806TB

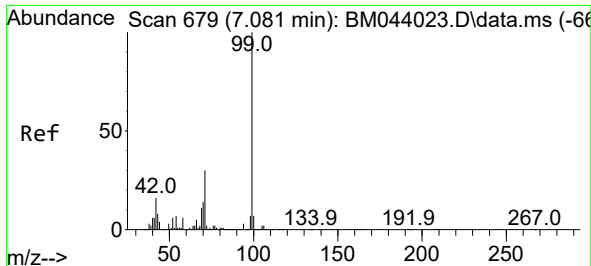
Tgt Ion:152 Resp: 379698
Ion Ratio Lower Upper
152 100
150 158.3 122.7 184.1
115 60.5 47.0 70.6



#5
2-Fluorophenol
Concen: 128.582 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion:112 Resp: 3356791
Ion Ratio Lower Upper
112 100
64 53.9 44.2 66.4
63 27.2 22.6 34.0

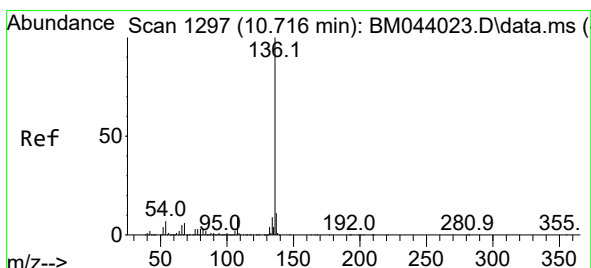
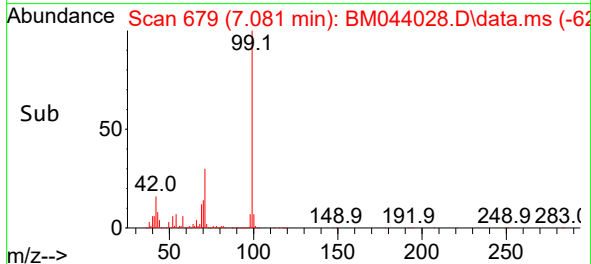
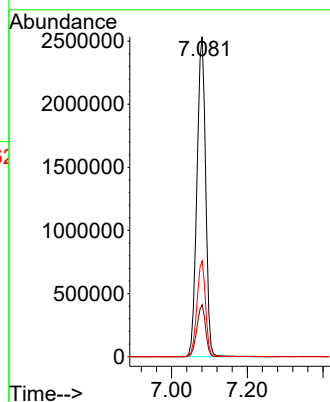
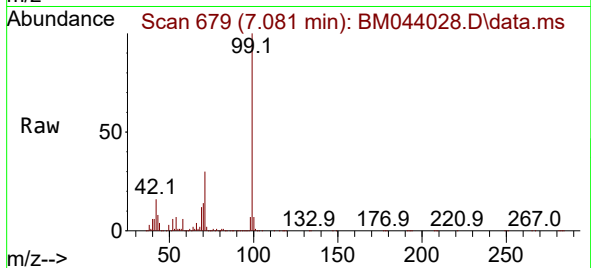




#7
Phenol-d6
Concen: 123.013 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

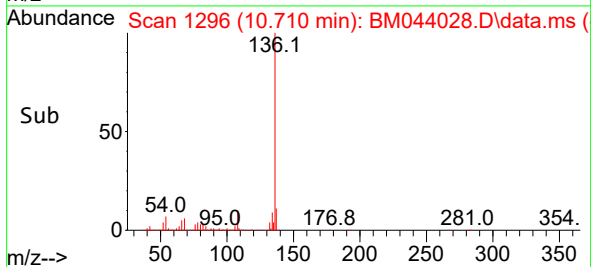
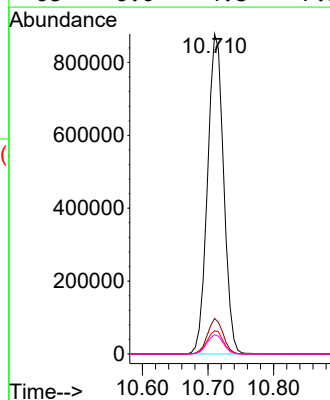
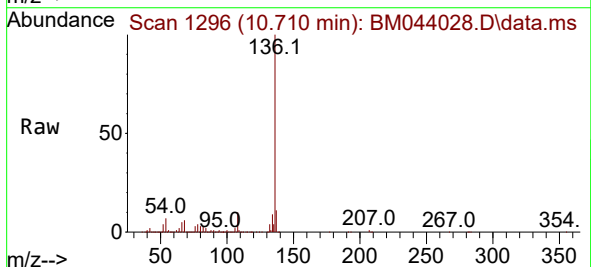
Instrument :
BNA_M
ClientSampleId :
PB158806TB

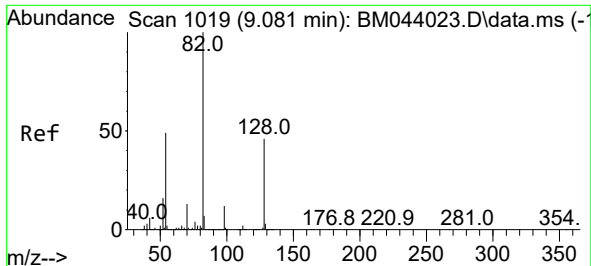
Tgt Ion: 99 Resp: 4086027
Ion Ratio Lower Upper
99 100
42 16.2 12.9 19.3
71 29.9 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion:136 Resp: 1502389
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.3 5.9 8.9
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 84.476 ng

RT: 9.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BM044028.D

Acq: 08 Feb 2024 18:44

Instrument :

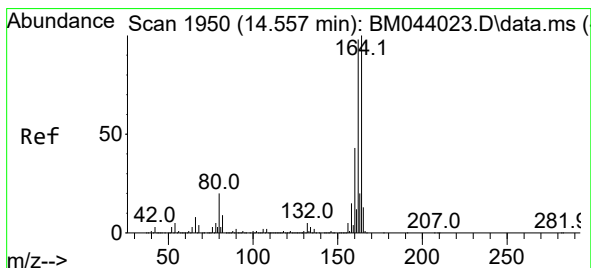
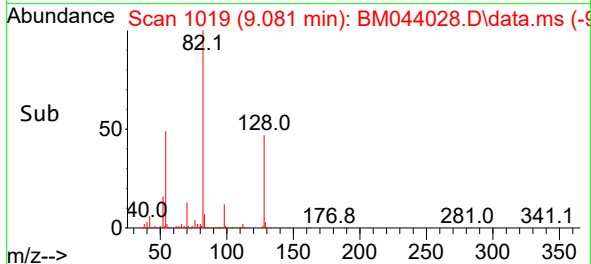
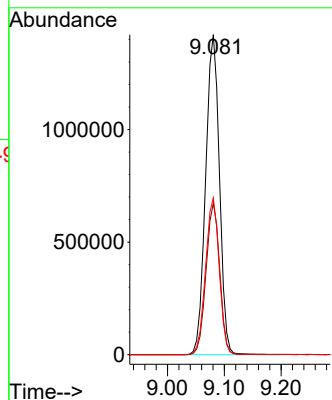
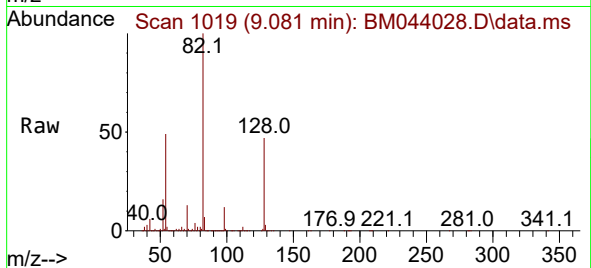
BNA_M

ClientSampleId :

PB158806TB

Tgt Ion: 82 Resp: 2391768

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.1	55.7
54	49.0	38.9	58.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1949

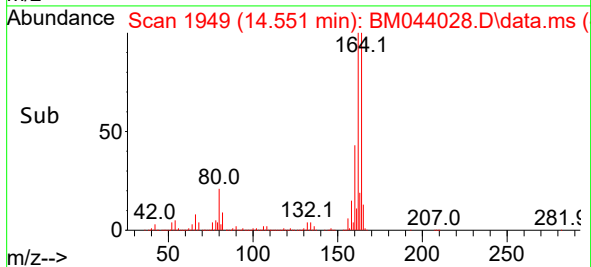
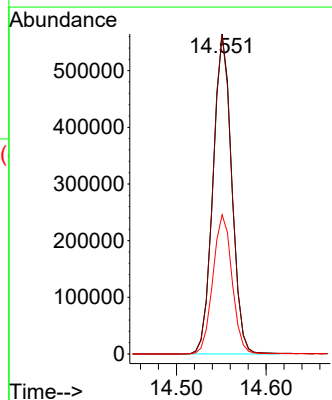
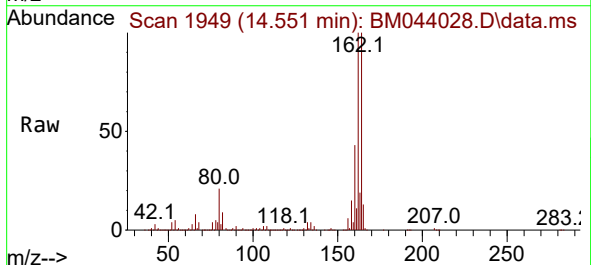
Delta R.T. -0.006 min

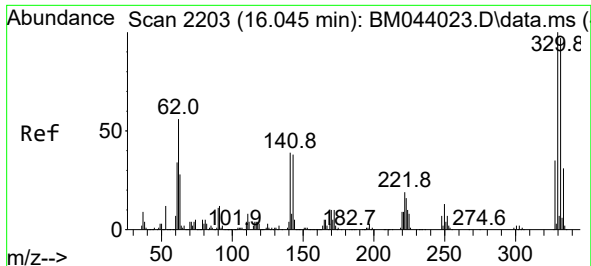
Lab File: BM044028.D

Acq: 08 Feb 2024 18:44

Tgt Ion: 164 Resp: 816025

Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.4	117.6
160	43.5	34.6	51.8

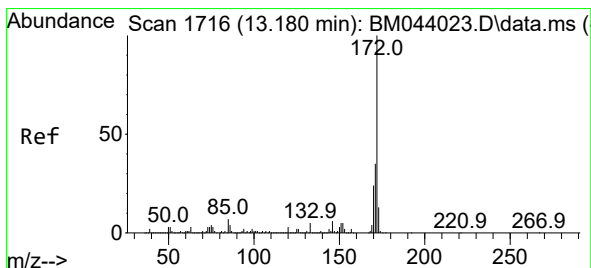
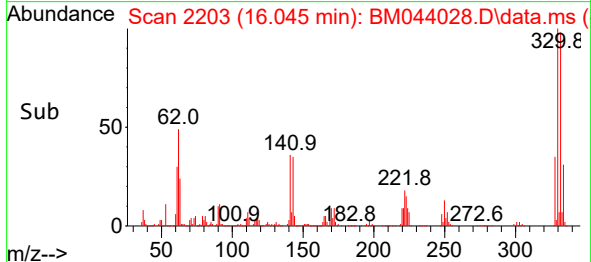
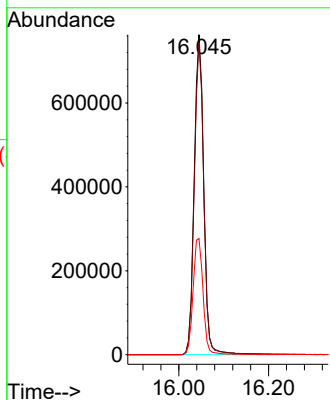
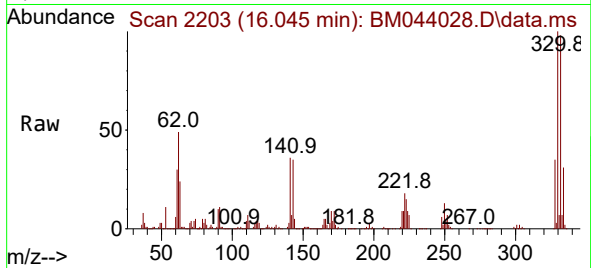




#42
2,4,6-Tribromophenol
Concen: 128.080 ng
RT: 16.045 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

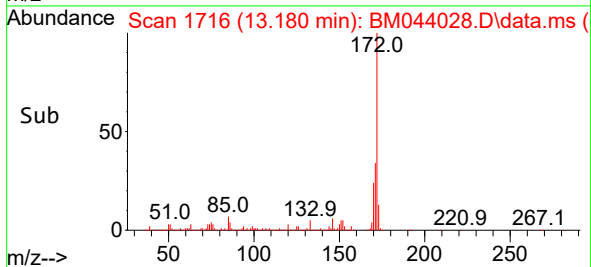
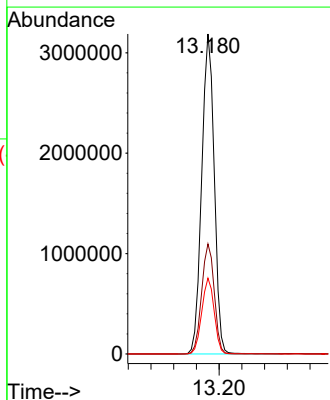
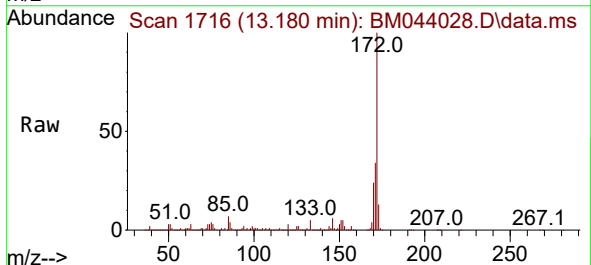
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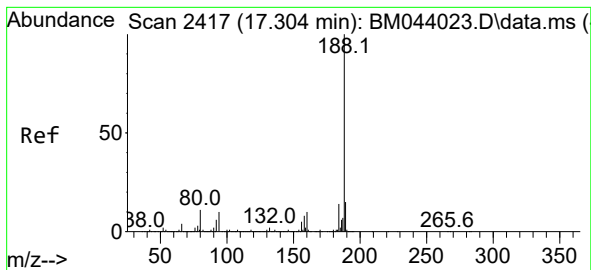
Tgt Ion:330 Resp: 1131631
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 37.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 84.286 ng
RT: 13.180 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion:172 Resp: 4873390
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BM044028.D

Acq: 08 Feb 2024 18:44

Instrument :

BNA_M

ClientSampleId :

PB158806TB

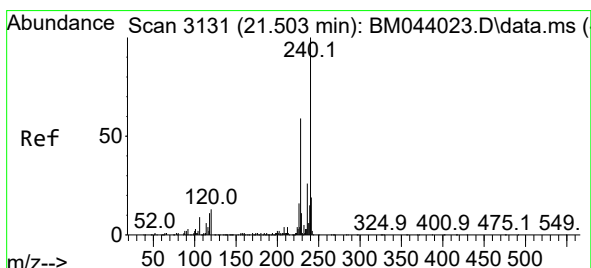
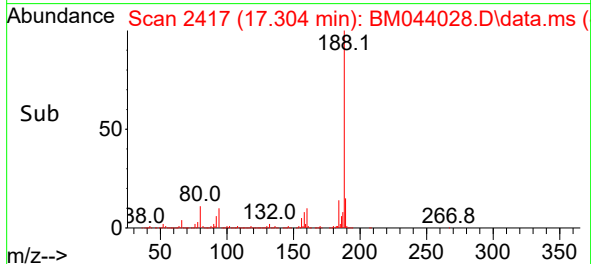
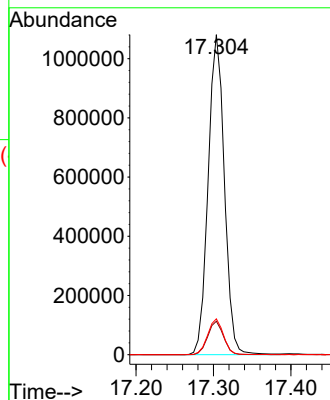
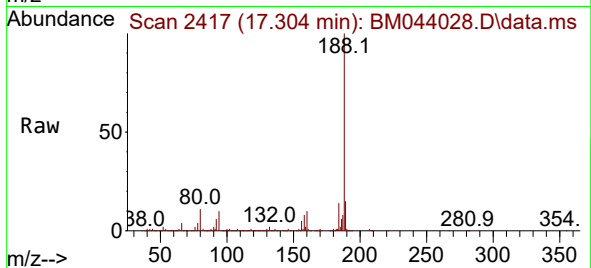
Tgt Ion:188 Resp: 1573412

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.2

80 11.2 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BM044028.D

Acq: 08 Feb 2024 18:44

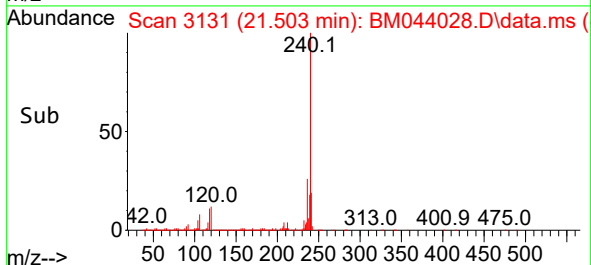
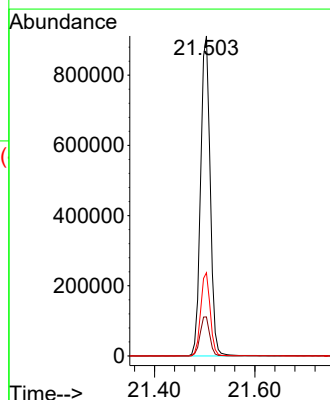
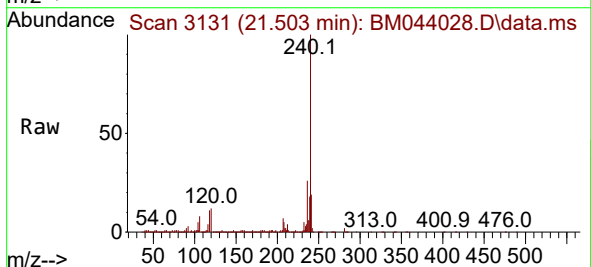
Tgt Ion:240 Resp: 1207310

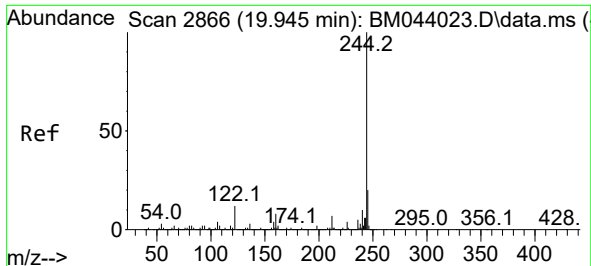
Ion Ratio Lower Upper

240 100

120 12.2 10.1 15.1

236 26.0 20.6 31.0

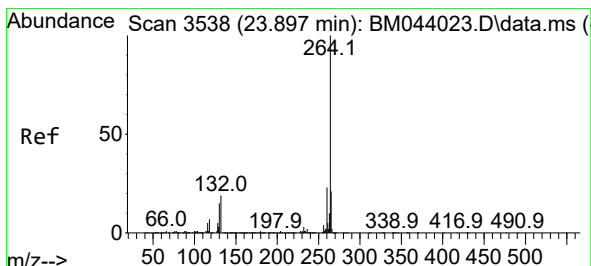
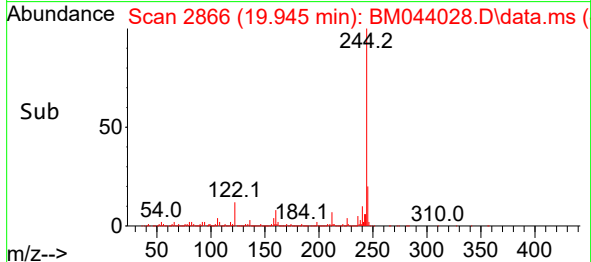
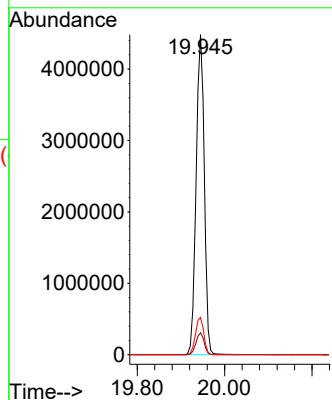
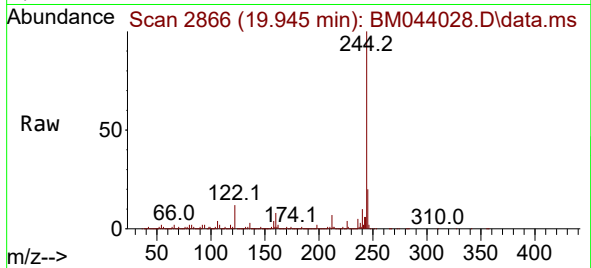




#79
 Terphenyl-d14
 Concen: 84.807 ng
 RT: 19.945 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044028.D
 Acq: 08 Feb 2024 18:44

Instrument :
 BNA_M
 ClientSampleId :
 PB158806TB

Tgt Ion:244 Resp: 5840626
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.6 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.897 min Scan# 3538
 Delta R.T. 0.000 min
 Lab File: BM044028.D
 Acq: 08 Feb 2024 18:44

Tgt Ion:264 Resp: 1315176
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.8 28.2
 265 22.0 17.3 25.9

