

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
Data File : BM044821.D
Acq On : 29 Mar 2024 18:51
Operator : MA/JU
Sample : P1894-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 29 23:22:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 01:24:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	136168	20.000	ng	0.00
21) Naphthalene-d8	10.446	136	534486	20.000	ng	-0.01
39) Acenaphthene-d10	14.316	164	271333	20.000	ng	0.00
64) Phenanthrene-d10	17.075	188	410833	20.000	ng	0.00
76) Chrysene-d12	21.268	240	314271	20.000	ng	-0.01
86) Perylene-d12	23.504	264	386786	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	57471	6.045	ng	0.00
7) Phenol-d6	6.846	99	72034	5.841	ng	-0.01
23) Nitrobenzene-d5	8.834	82	43618	3.679	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	13829	4.664	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	85138	4.019	ng	0.00
79) Terphenyl-d14	19.716	244	68772	3.709	ng	0.00

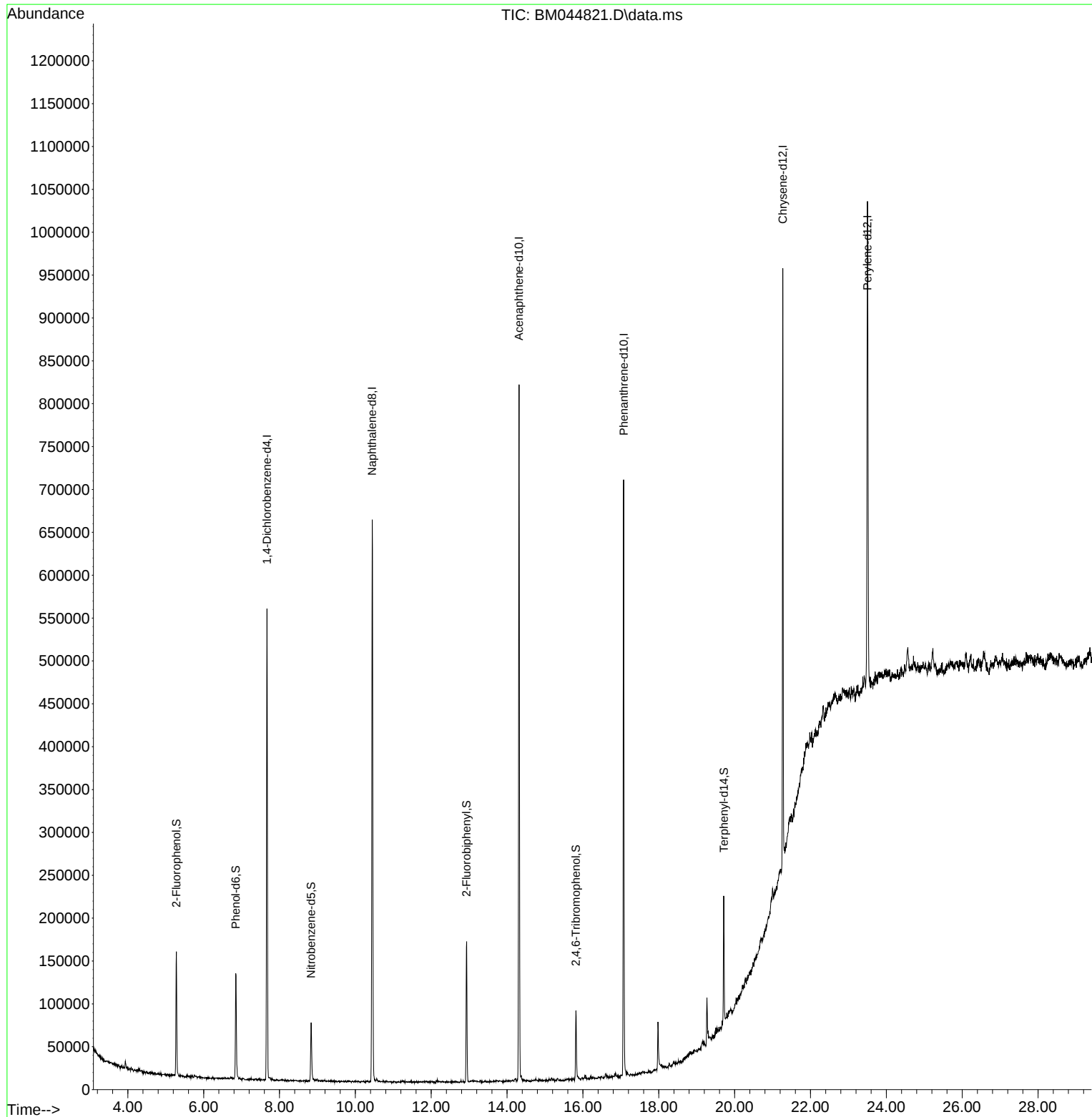
Target Compounds	Qvalue

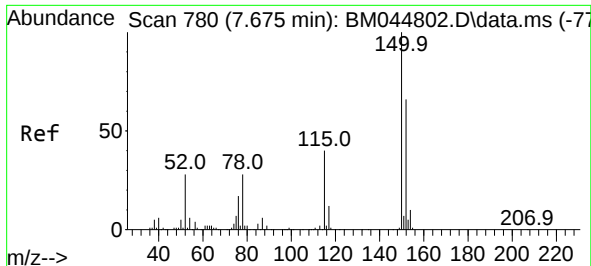
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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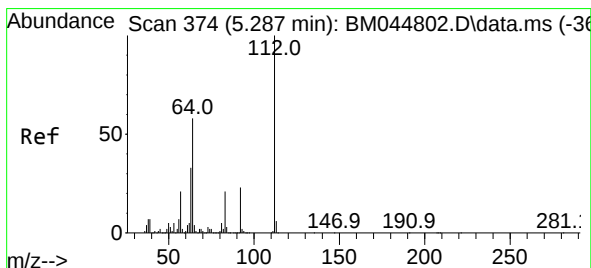
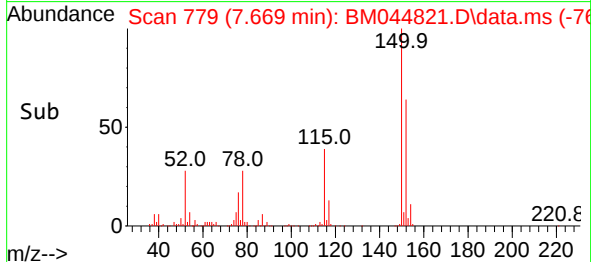
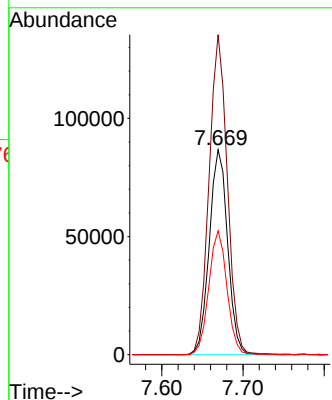
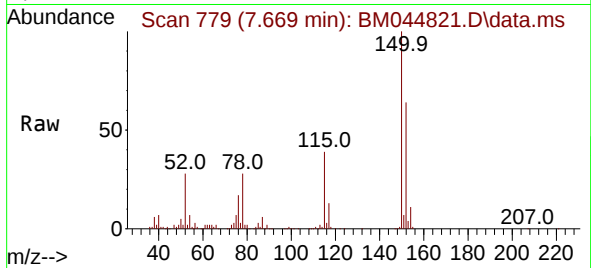




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044821.D
Acq: 29 Mar 2024 18:51

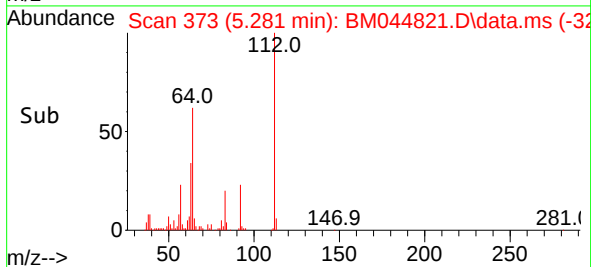
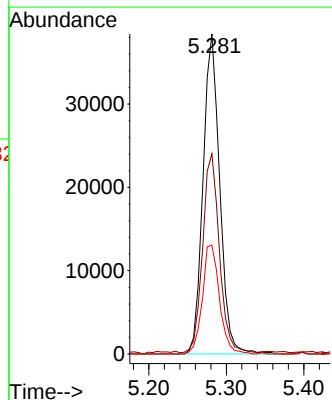
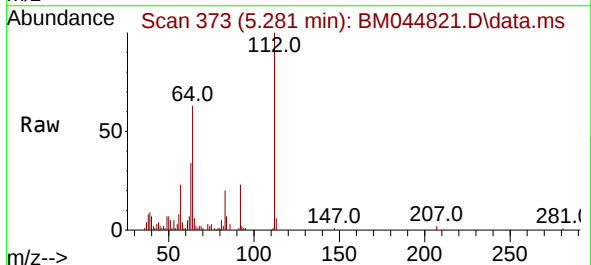
Instrument :
BNA_M
ClientSampleId :

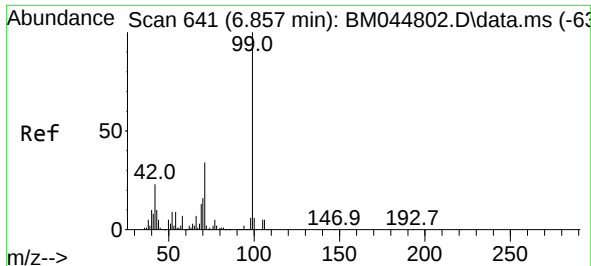
Tgt Ion:152 Resp: 136168
Ion Ratio Lower Upper
152 100
150 156.2 121.0 181.6
115 60.5 48.3 72.5



#5
2-Fluorophenol
Concen: 6.045 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.005 min
Lab File: BM044821.D
Acq: 29 Mar 2024 18:51

Tgt Ion:112 Resp: 57471
Ion Ratio Lower Upper
112 100
64 62.6 46.4 69.6
63 34.0 26.2 39.4

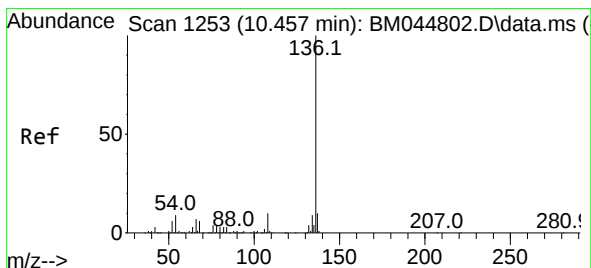
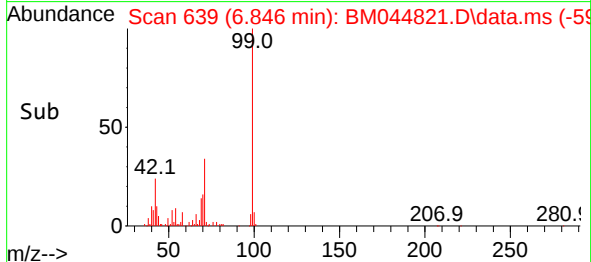
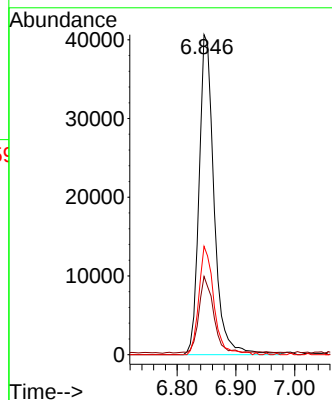
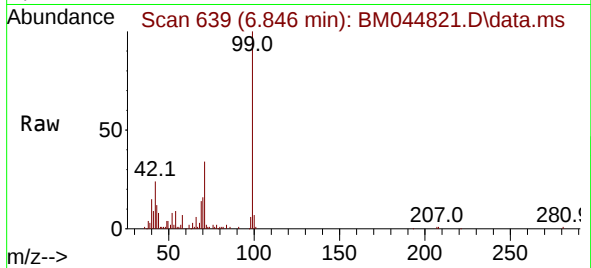




#7
Phenol-d6
Concen: 5.841 ng
RT: 6.846 min Scan# 61
Delta R.T. -0.011 min
Lab File: BM044821.D
Acq: 29 Mar 2024 18:51

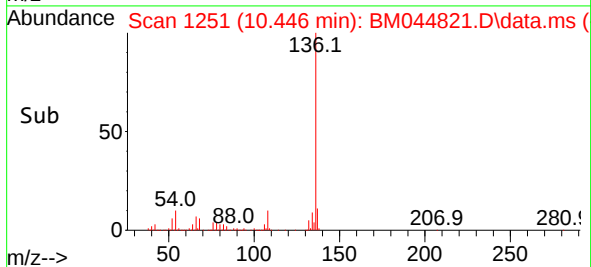
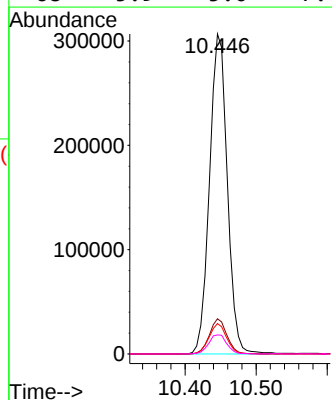
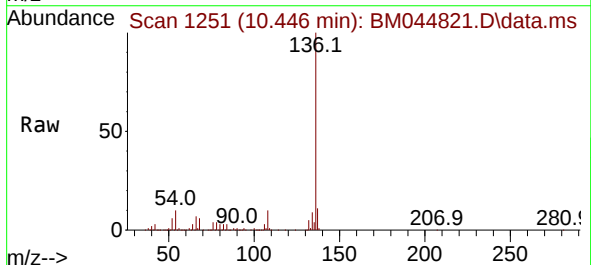
Instrument :
BNA_M
ClientSampleId :

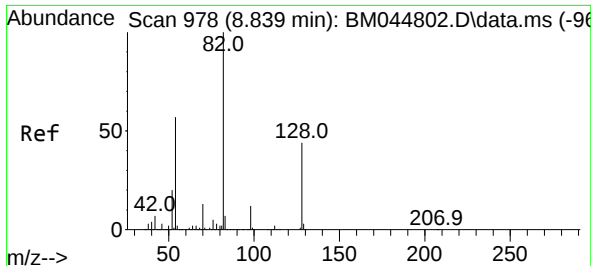
Tgt Ion: 99 Resp: 72034
Ion Ratio Lower Upper
99 100
42 24.5 18.2 27.4
71 33.8 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.446 min Scan# 1251
Delta R.T. -0.011 min
Lab File: BM044821.D
Acq: 29 Mar 2024 18:51

Tgt Ion: 136 Resp: 534486
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 9.5 7.3 10.9
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 3.679 ng

RT: 8.834 min Scan# 91

Delta R.T. -0.005 min

Lab File: BM044821.D

Acq: 29 Mar 2024 18:51

Instrument :

BNA_M

ClientSampleId :

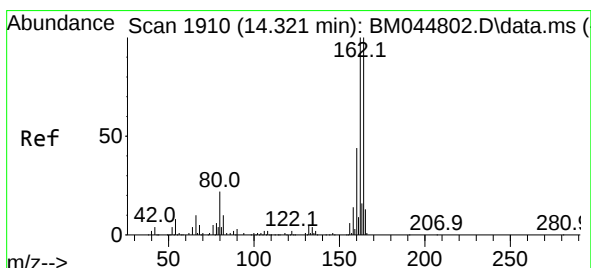
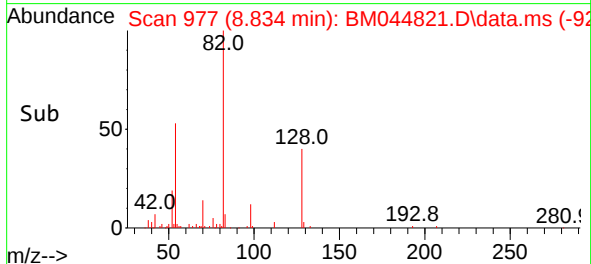
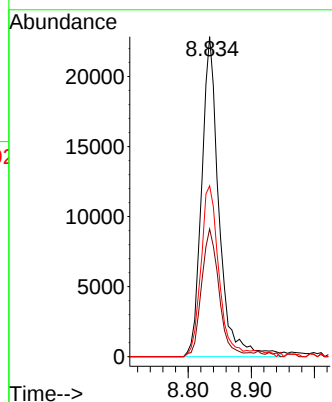
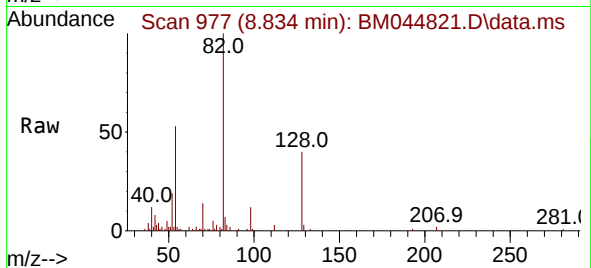
Tgt Ion: 82 Resp: 43618

Ion Ratio Lower Upper

82 100

128 39.9 34.8 52.2

54 53.4 45.4 68.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.316 min Scan# 1909

Delta R.T. -0.005 min

Lab File: BM044821.D

Acq: 29 Mar 2024 18:51

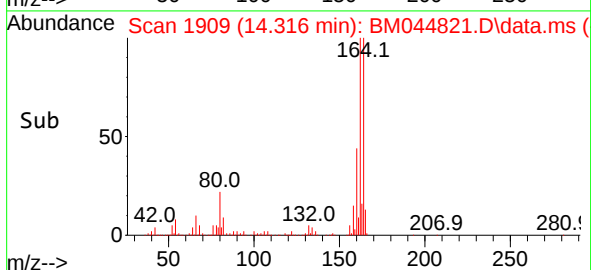
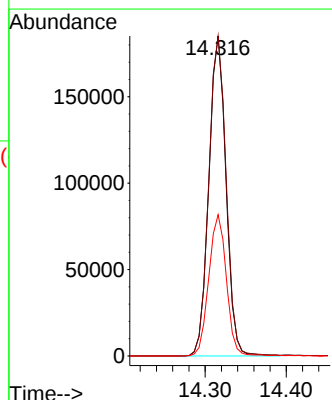
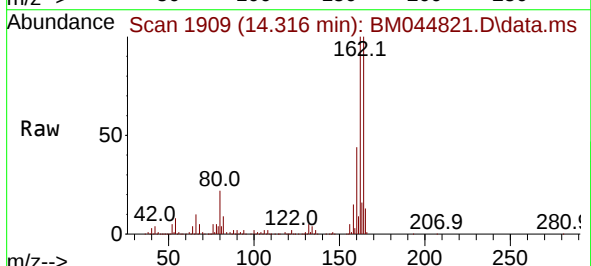
Tgt Ion: 164 Resp: 271333

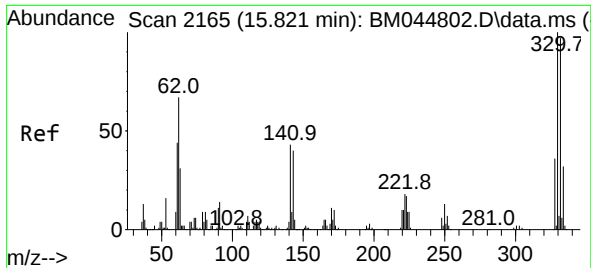
Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.4

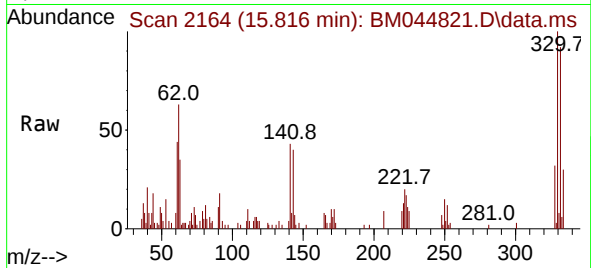
160 44.2 35.4 53.2



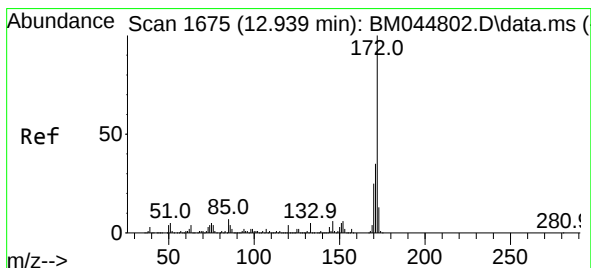
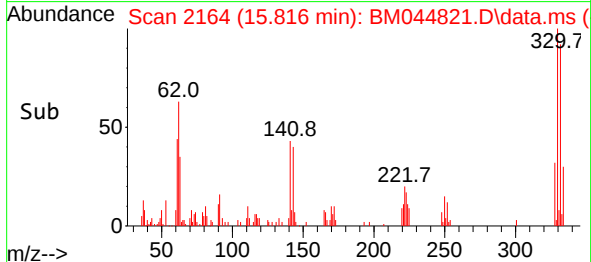
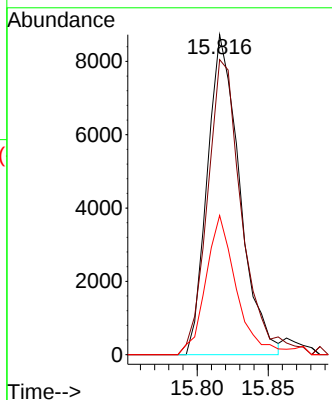


#42
2,4,6-Tribromophenol
Concen: 4.664 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.005 min
Lab File: BM044821.D
Acq: 29 Mar 2024 18:51

Instrument :
BNA_M
ClientSampleId :

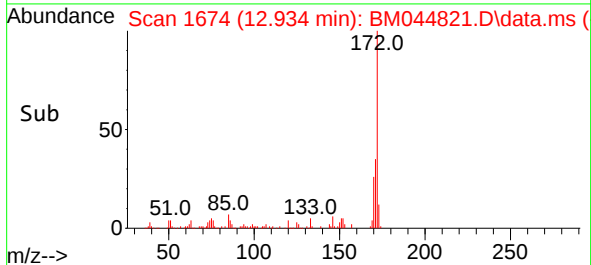
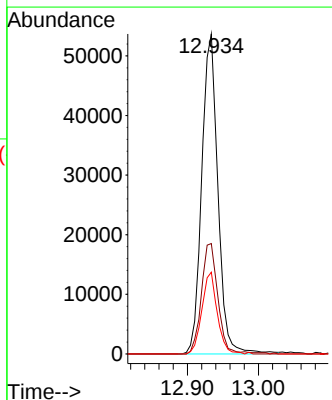
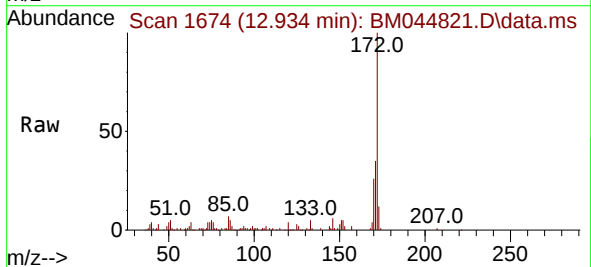


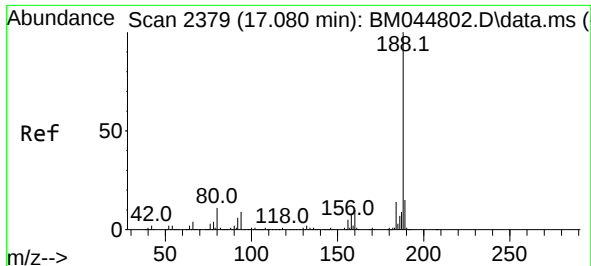
Tgt Ion:330 Resp: 13829
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.4
141 42.0 34.1 51.1



#45
2-Fluorobiphenyl
Concen: 4.019 ng
RT: 12.934 min Scan# 1674
Delta R.T. -0.005 min
Lab File: BM044821.D
Acq: 29 Mar 2024 18:51

Tgt Ion:172 Resp: 85138
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 25.5 19.8 29.6

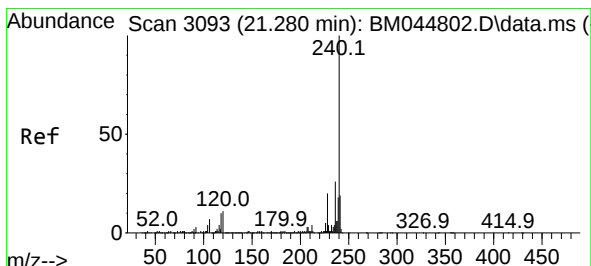
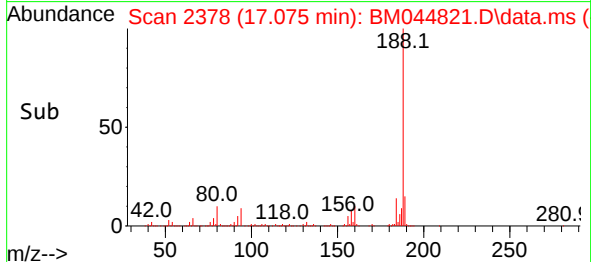
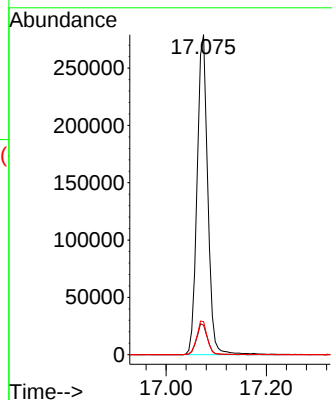
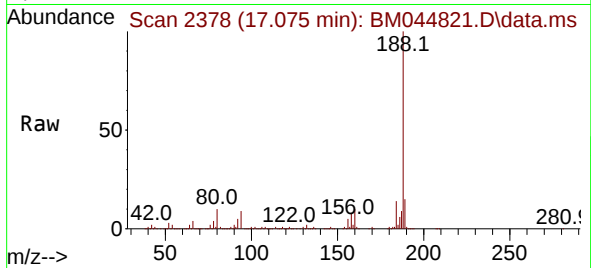




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.075 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM044821.D
Acq: 29 Mar 2024 18:51

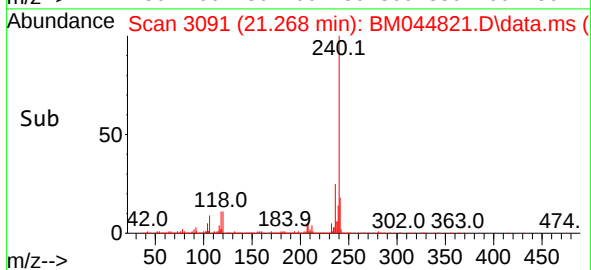
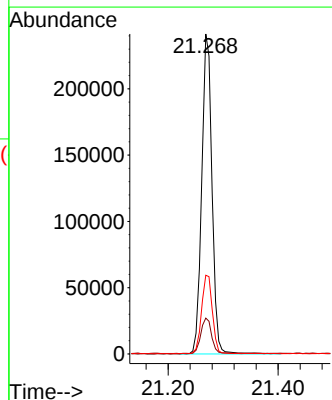
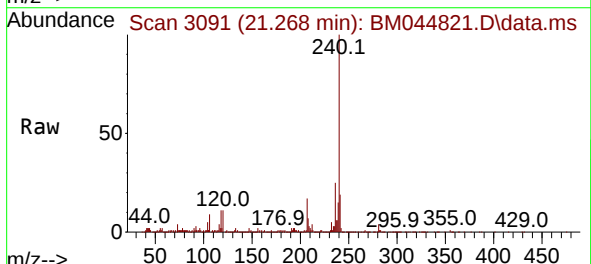
Instrument :
BNA_M
ClientSampleId :

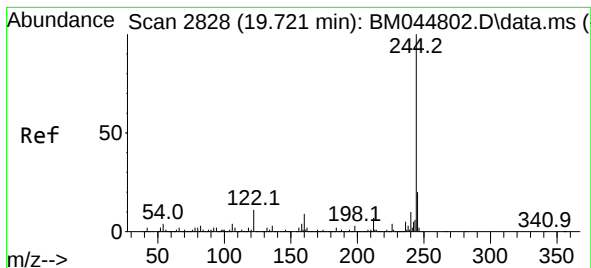
Tgt Ion:188 Resp: 410833
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 10.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.011 min
Lab File: BM044821.D
Acq: 29 Mar 2024 18:51

Tgt Ion:240 Resp: 314271
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 24.6 20.8 31.2





#79

Terphenyl-d14

Concen: 3.709 ng

RT: 19.716 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM044821.D

Acq: 29 Mar 2024 18:51

Instrument :

BNA_M

ClientSampleId :

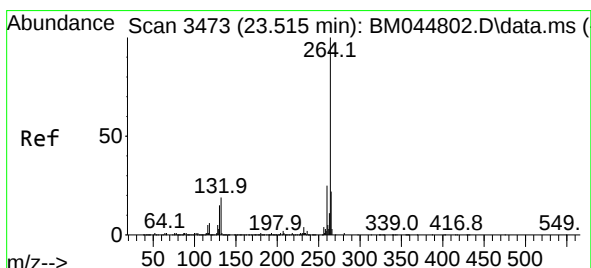
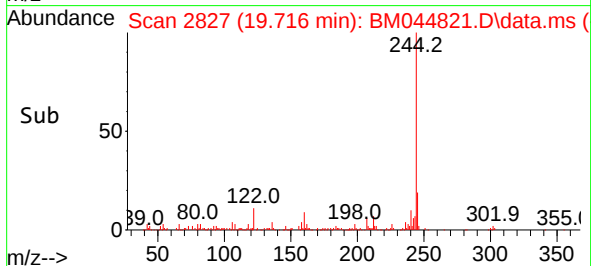
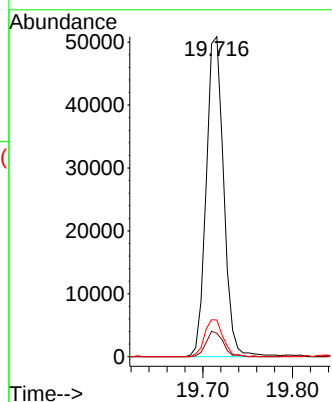
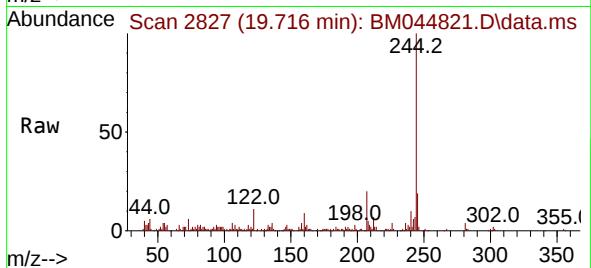
Tgt Ion:244 Resp: 68772

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 11.5 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.504 min Scan# 3471

Delta R.T. -0.011 min

Lab File: BM044821.D

Acq: 29 Mar 2024 18:51

Tgt Ion:264 Resp: 386786

Ion Ratio Lower Upper

264 100

260 23.6 19.7 29.5

265 22.9 18.9 28.3

