

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021424\
 Data File : BM044090.D
 Acq On : 14 Feb 2024 19:39
 Operator : MA/JU
 Sample : P1453-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

Quant Time: Feb 15 01:03:59 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)

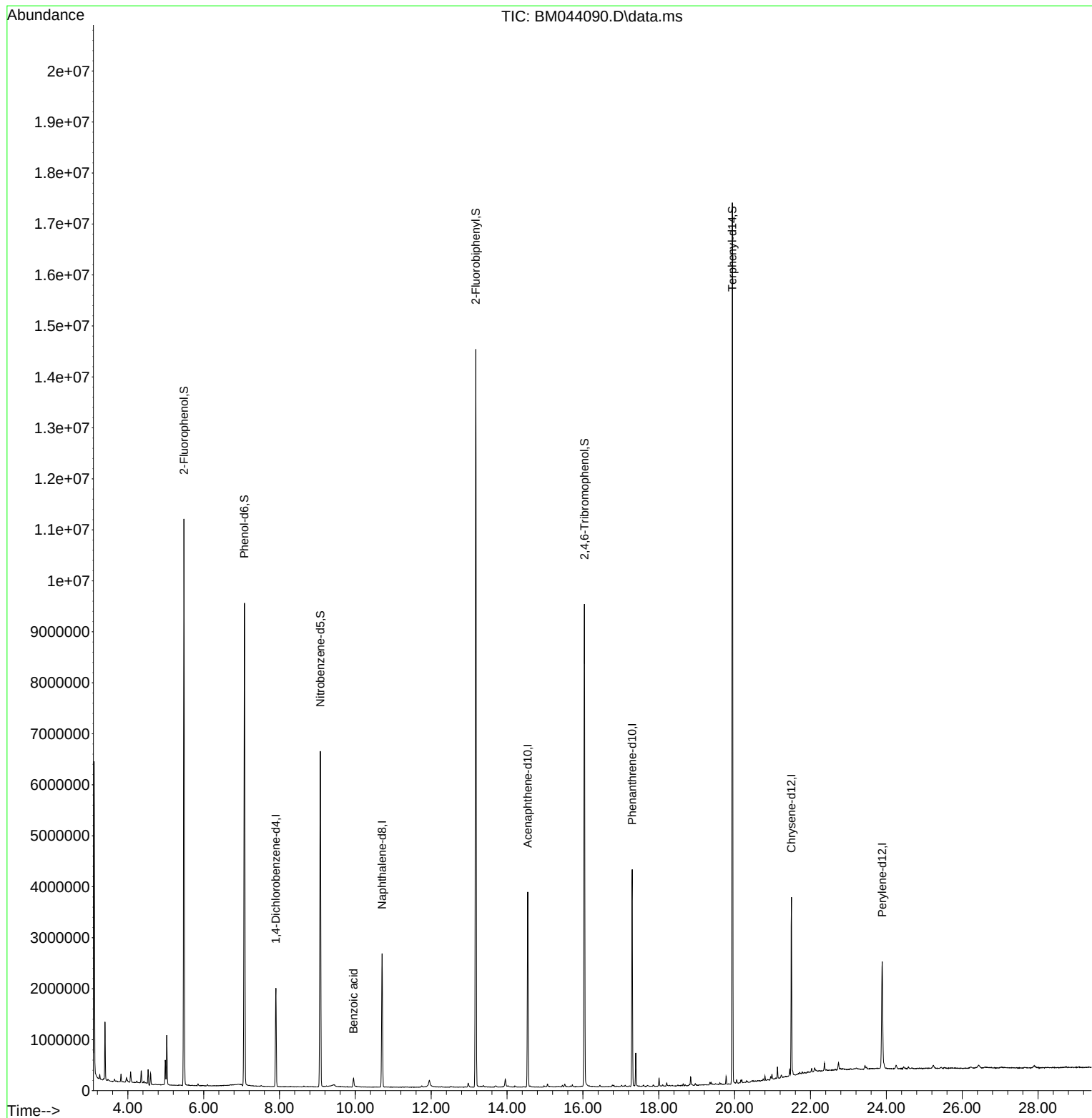
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	528936	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	2229308	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	1281676	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	2492616	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1535527	20.000	ng	0.00
86) Perylene-d12	23.891	264	1600142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4982200	136.997	ng	0.00
7) Phenol-d6	7.075	99	5931577	128.190	ng	0.00
23) Nitrobenzene-d5	9.075	82	3891623	92.631	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1589883	114.569	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	7771477	85.576	ng	0.00
79) Terphenyl-d14	19.939	244	8559171	97.716	ng	0.00
Target Compounds						
32) Benzoic acid	9.951	122	76645	2.983	ng	Qvalue 94

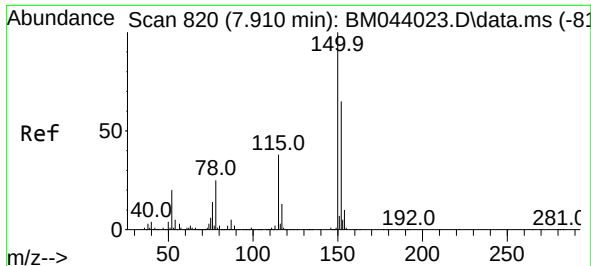
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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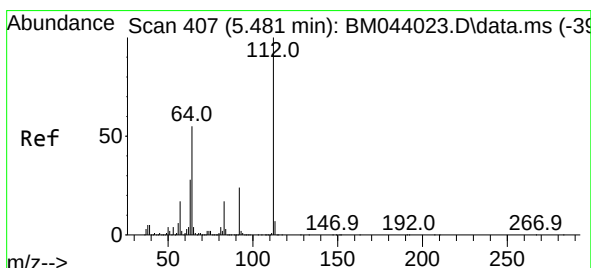
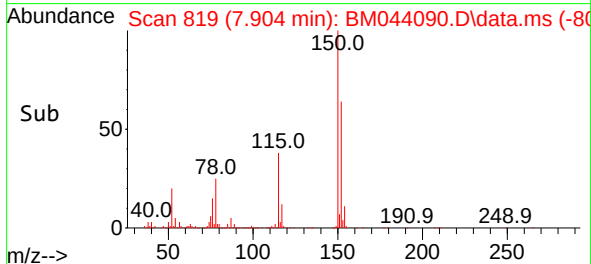
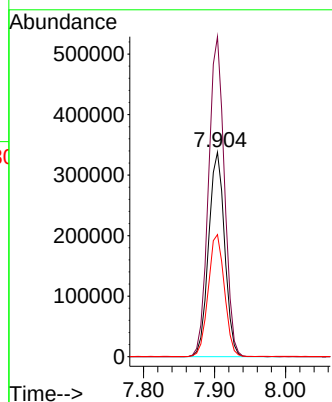
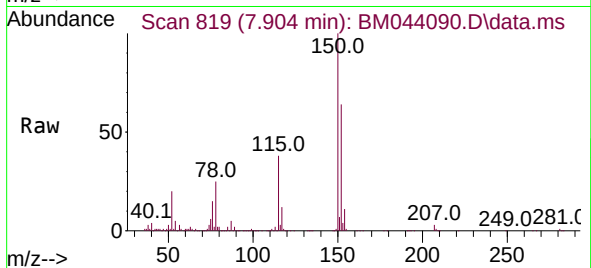




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM044090.D
 Acq: 14 Feb 2024 19:39

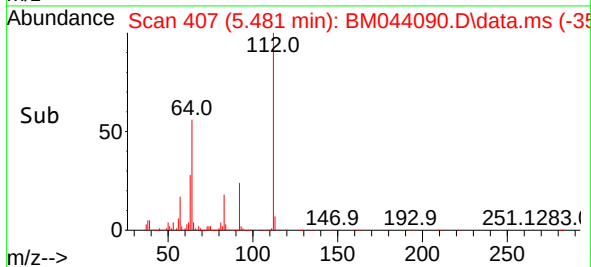
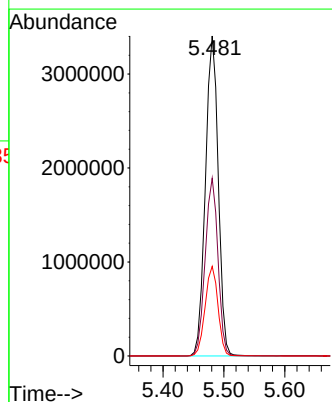
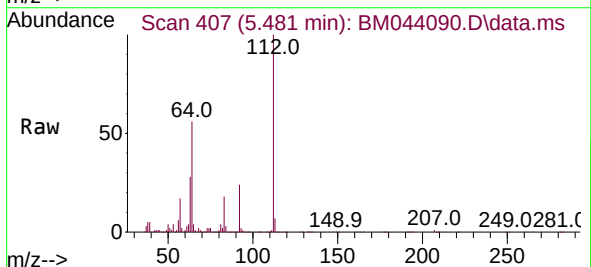
Instrument :
 BNA_M
 ClientSampleId :
 TP-2

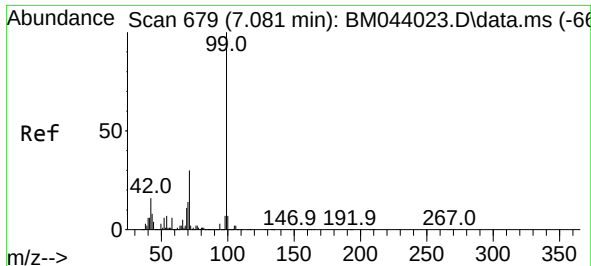
Tgt Ion:152 Resp: 528936
 Ion Ratio Lower Upper
 152 100
 150 156.5 122.7 184.1
 115 59.7 47.0 70.6



#5
 2-Fluorophenol
 Concen: 136.997 ng
 RT: 5.481 min Scan# 407
 Delta R.T. -0.000 min
 Lab File: BM044090.D
 Acq: 14 Feb 2024 19:39

Tgt Ion:112 Resp: 4982200
 Ion Ratio Lower Upper
 112 100
 64 55.6 44.2 66.4
 63 28.0 22.6 34.0



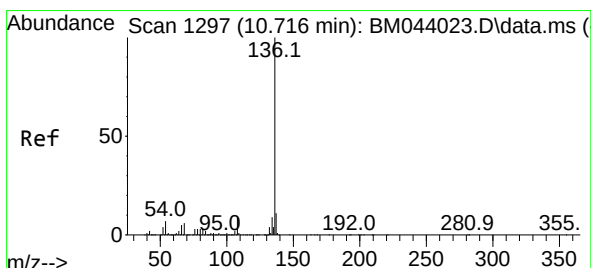
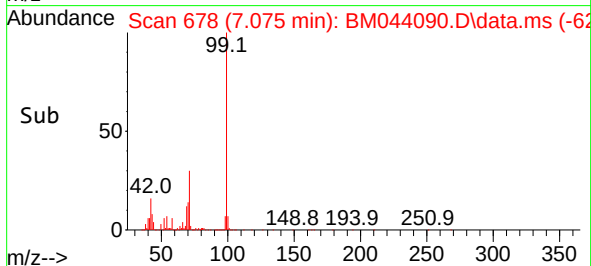
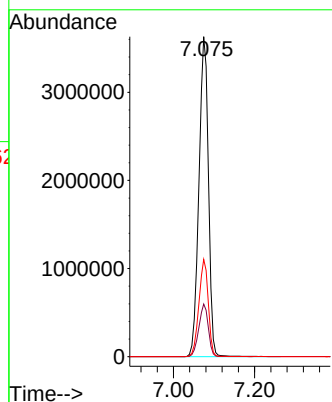
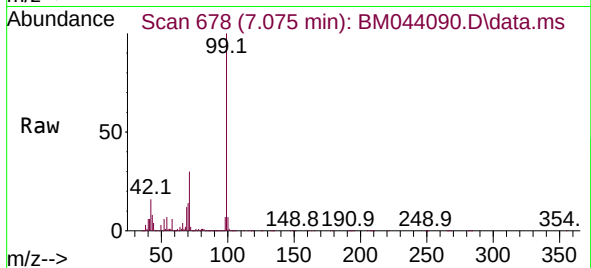


#7
Phenol-d6
Concen: 128.190 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044090.D
Acq: 14 Feb 2024 19:39

Instrument :
BNA_M
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 5931577

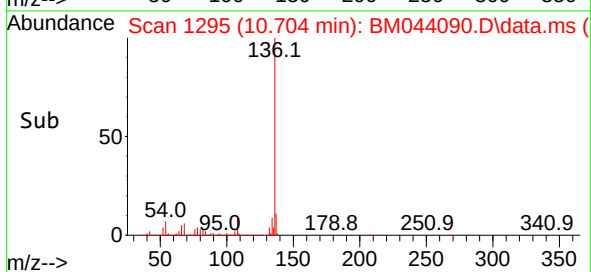
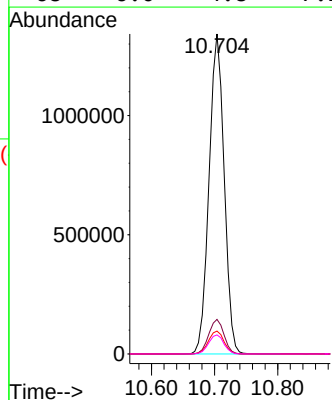
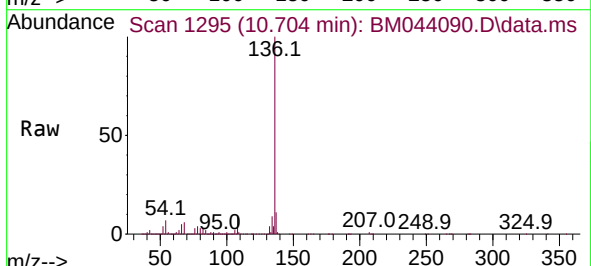
Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.9	19.3
71	30.4	23.9	35.9

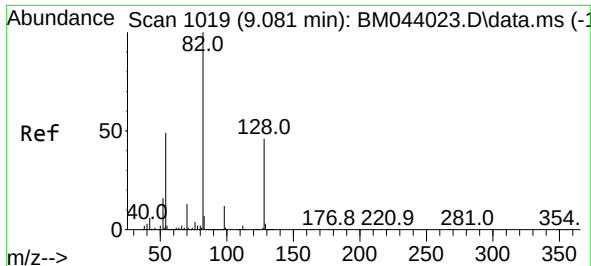


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM044090.D
Acq: 14 Feb 2024 19:39

Tgt Ion:136 Resp: 2229308

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.1	5.9	8.9
68	6.0	4.8	7.2

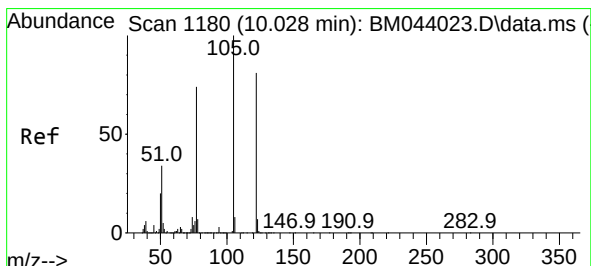
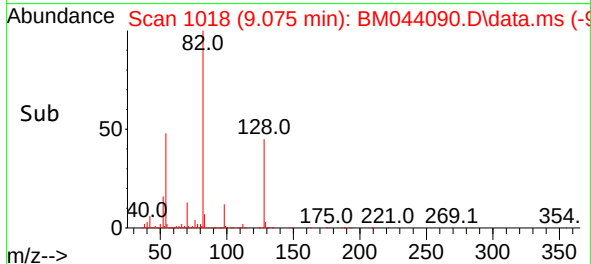
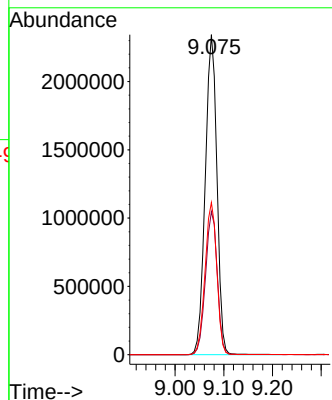
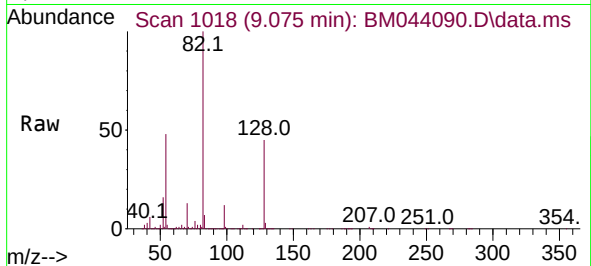




#23
Nitrobenzene-d5
Concen: 92.631 ng
RT: 9.075 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BM044090.D
Acq: 14 Feb 2024 19:39

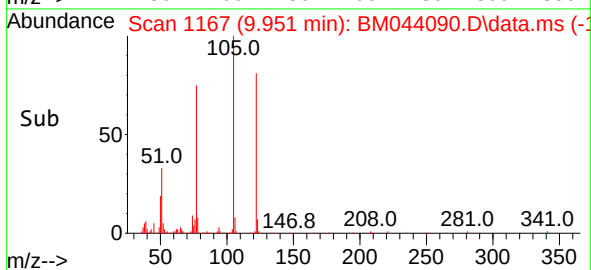
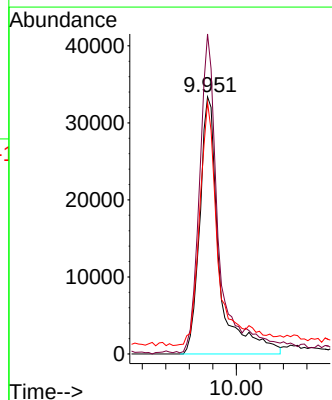
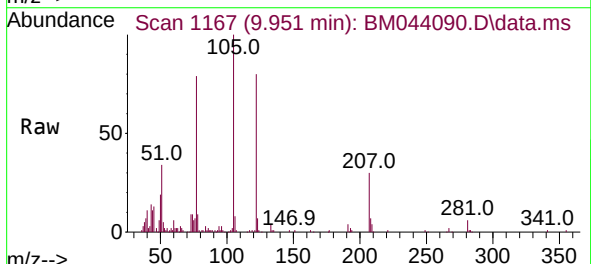
Instrument :
BNA_M
ClientSampleId :
TP-2

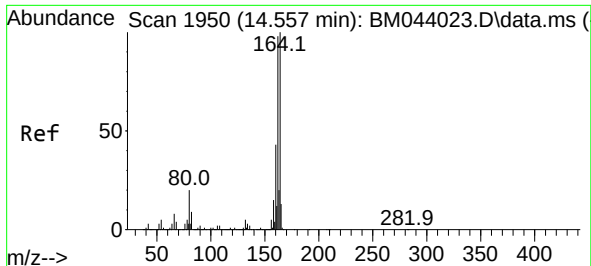
Tgt Ion: 82 Resp: 3891623
Ion Ratio Lower Upper
82 100
128 44.7 37.1 55.7
54 47.6 38.9 58.3



#32
Benzoic acid
Concen: 2.983 ng
RT: 9.951 min Scan# 1167
Delta R.T. -0.077 min
Lab File: BM044090.D
Acq: 14 Feb 2024 19:39

Tgt Ion:122 Resp: 76645
Ion Ratio Lower Upper
122 100
105 124.5 100.1 140.1
77 97.9 69.6 109.6

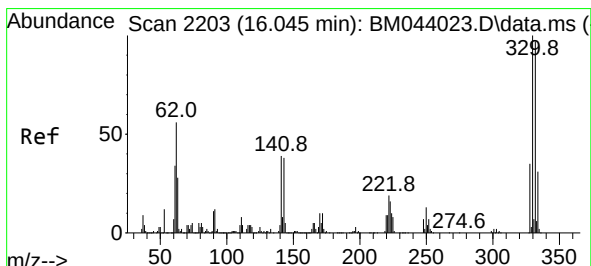
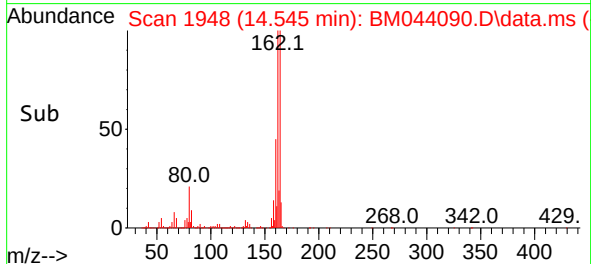
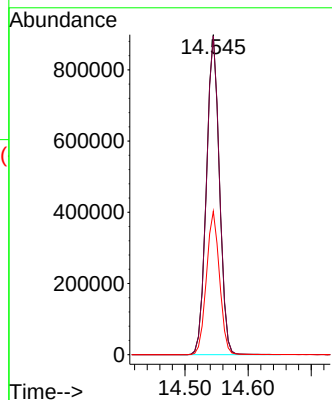
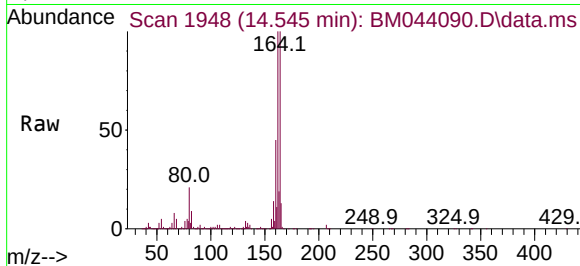




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BM044090.D
Acq: 14 Feb 2024 19:39

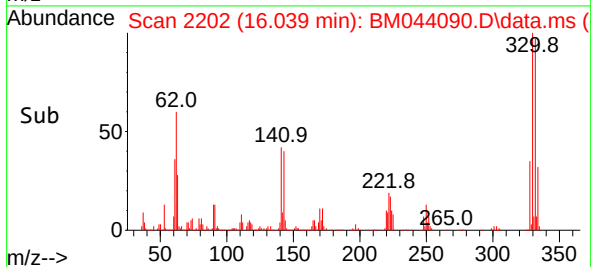
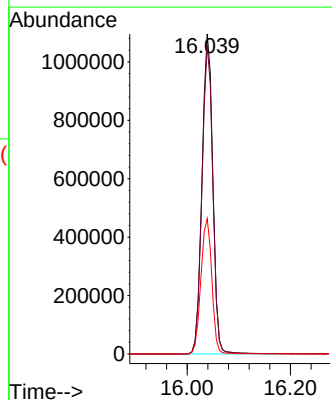
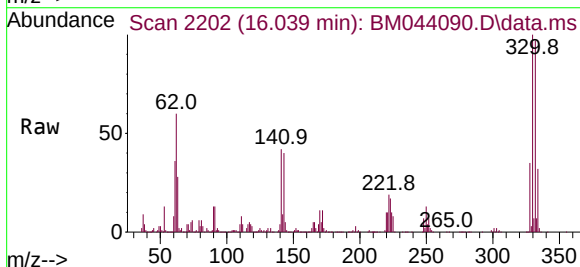
Instrument :
BNA_M
ClientSampleId :
TP-2

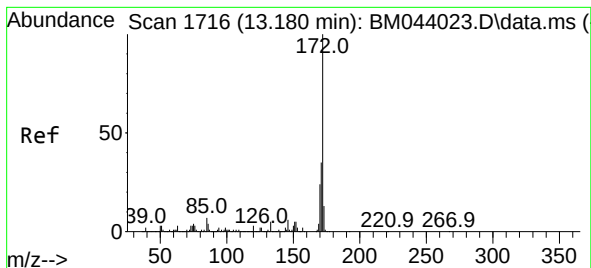
Tgt Ion:164 Resp: 1281676
Ion Ratio Lower Upper
164 100
162 99.6 78.4 117.6
160 44.8 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 114.569 ng
RT: 16.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BM044090.D
Acq: 14 Feb 2024 19:39

Tgt Ion:330 Resp: 1589883
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 42.7 31.0 46.4





#45

2-Fluorobiphenyl

Concen: 85.576 ng

RT: 13.174 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044090.D

Acq: 14 Feb 2024 19:39

Instrument :

BNA_M

ClientSampleId :

TP-2

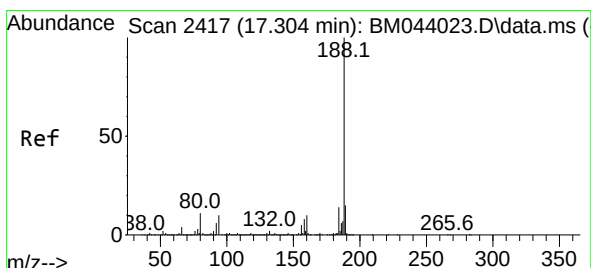
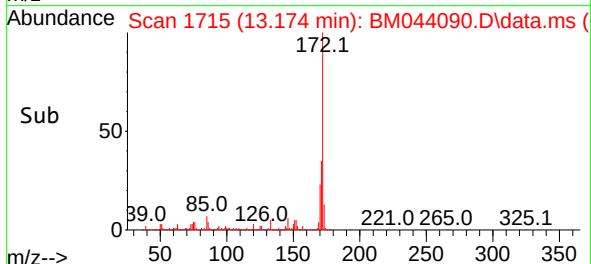
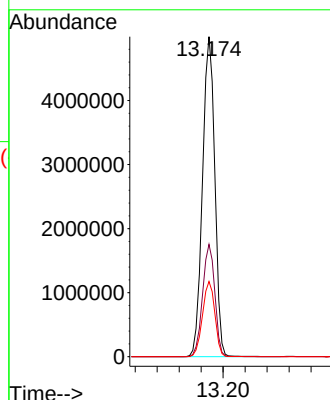
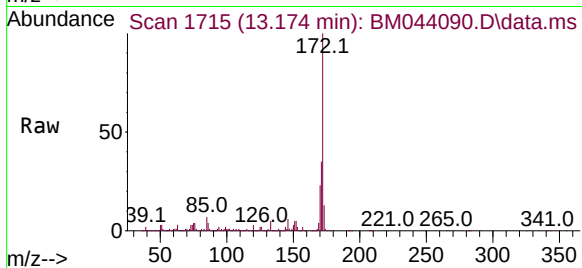
Tgt Ion:172 Resp: 7771477

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.5 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM044090.D

Acq: 14 Feb 2024 19:39

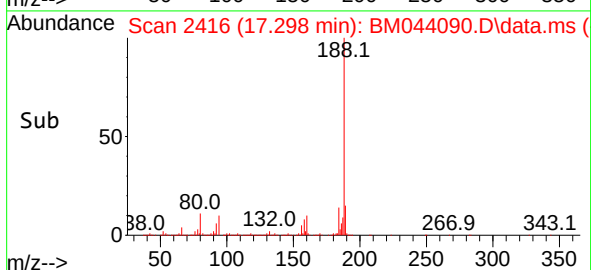
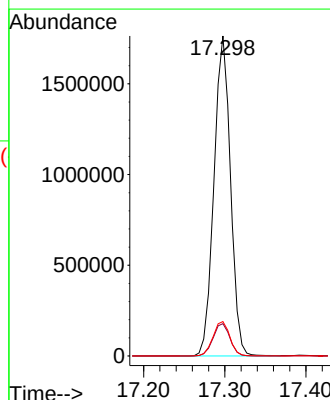
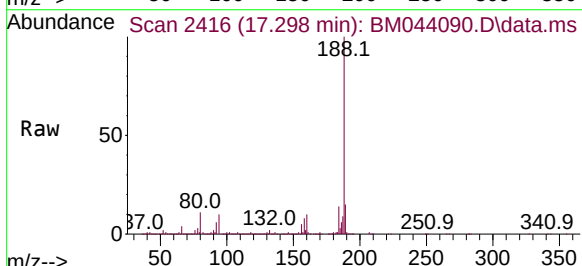
Tgt Ion:188 Resp: 2492616

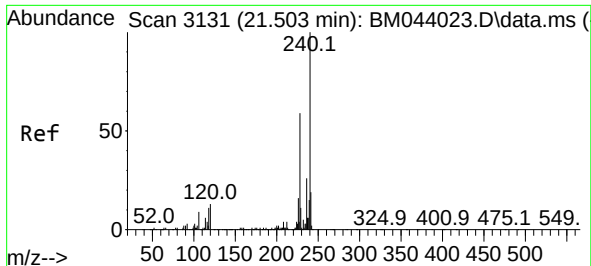
Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

80 10.7 8.8 13.2

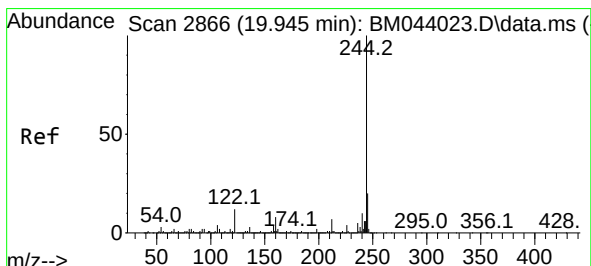
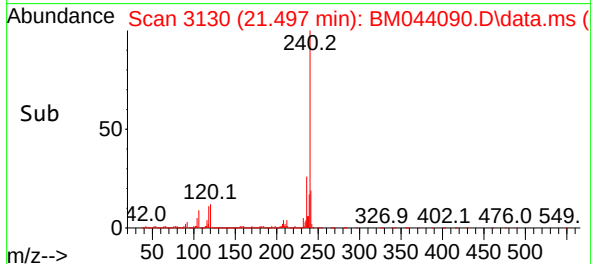
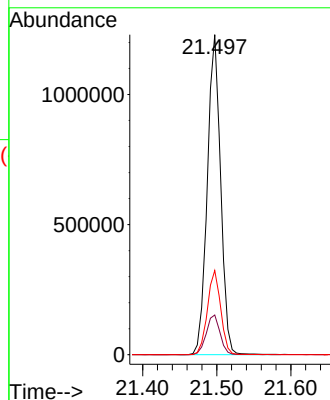
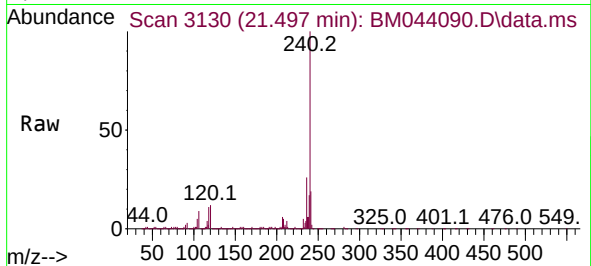




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.497 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044090.D
Acq: 14 Feb 2024 19:39

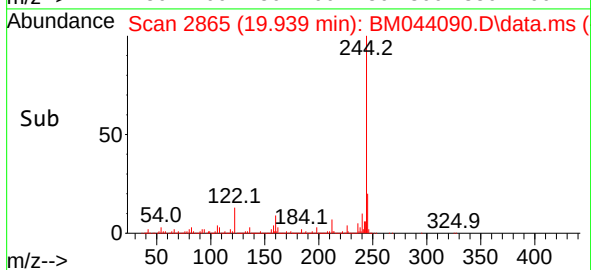
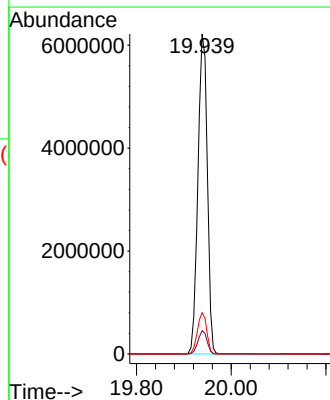
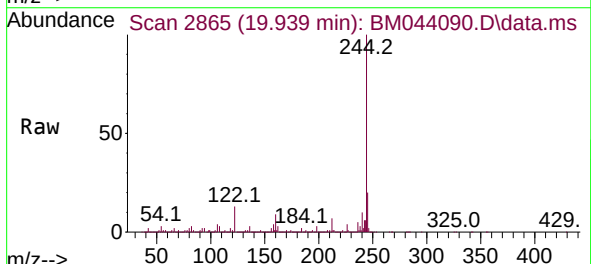
Instrument :
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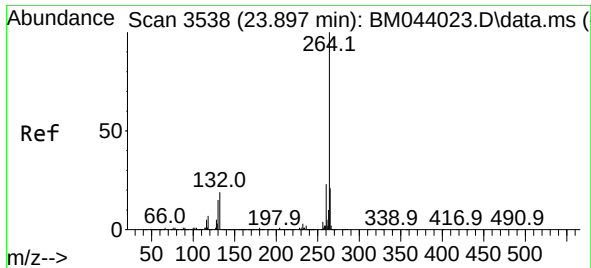
Tgt Ion:240 Resp: 1535527
Ion Ratio Lower Upper
240 100
120 12.4 10.1 15.1
236 26.3 20.6 31.0



#79
Terphenyl-d14
Concen: 97.716 ng
RT: 19.939 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BM044090.D
Acq: 14 Feb 2024 19:39

Tgt Ion:244 Resp: 8559171
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 12.9 9.5 14.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.891 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044090.D
Acq: 14 Feb 2024 19:39

Instrument :
BNA_M
ClientSampleId :
TP-2

Tgt Ion:264 Resp: 1600142
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 21.8 17.3 25.9

