

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052324\
 Data File : BM045752.D
 Acq On : 23 May 2024 14:08
 Operator : MA/JU
 Sample : PB161074BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB161074BL

Quant Time: May 24 02:52:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 04:12:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	287843	20.000	ng	0.00
21) Naphthalene-d8	10.339	136	1179228	20.000	ng	0.00
39) Acenaphthene-d10	14.198	164	714707	20.000	ng	0.00
64) Phenanthrene-d10	16.945	188	1518234	20.000	ng	0.00
76) Chrysene-d12	21.156	240	1336232	20.000	ng	-0.01
86) Perylene-d12	23.950	264	1407652	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	1663320	103.025	ng	0.00
7) Phenol-d6	6.834	99	2187992	100.945	ng	0.00
23) Nitrobenzene-d5	8.734	82	2060199	95.036	ng	0.00
42) 2,4,6-Tribromophenol	15.698	330	674472	89.097	ng	0.00
45) 2-Fluorobiphenyl	12.821	172	4189284	94.208	ng	0.00
79) Terphenyl-d14	19.586	244	6214080	85.594	ng	0.00

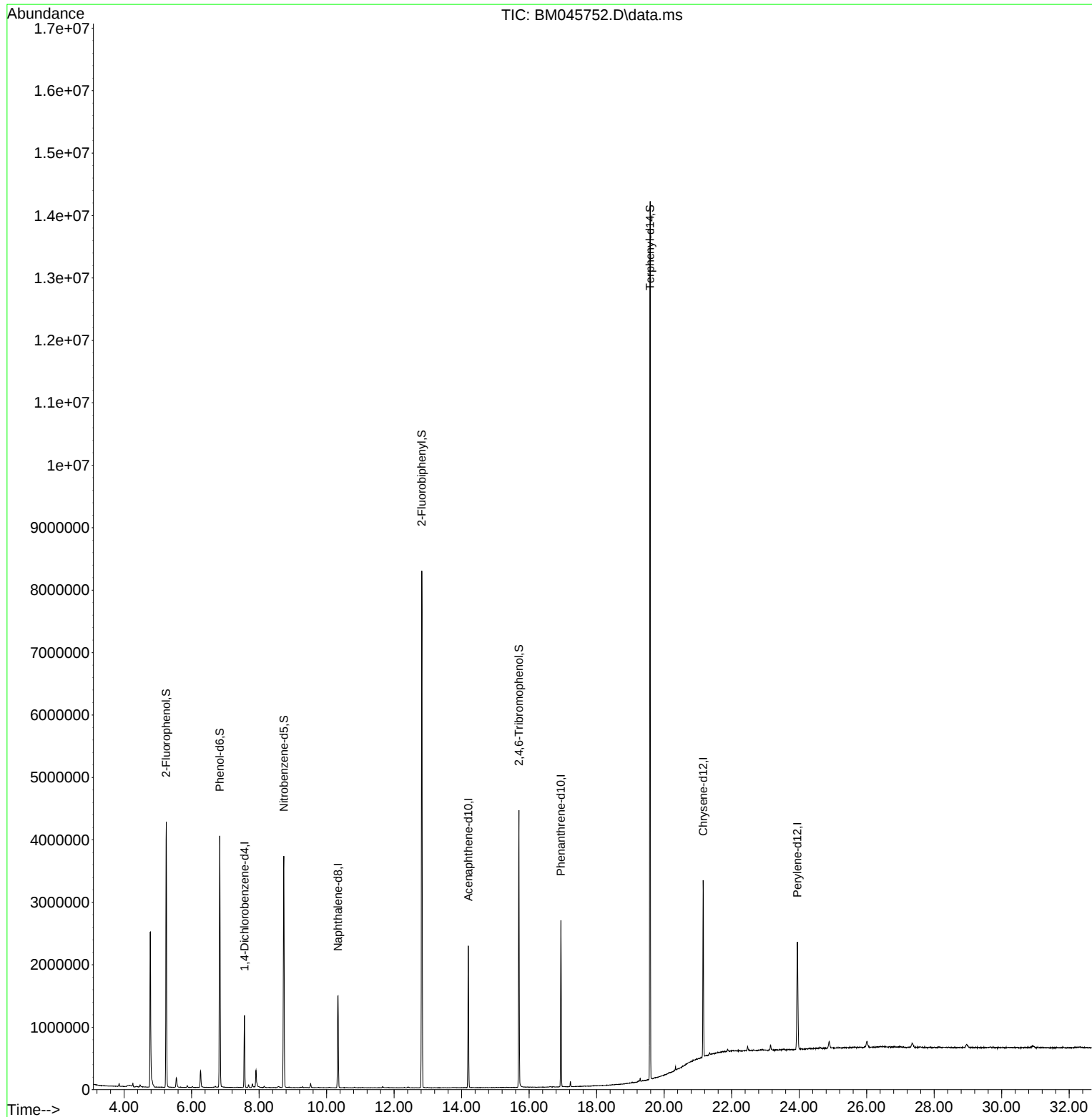
Target Compounds	Qvalue

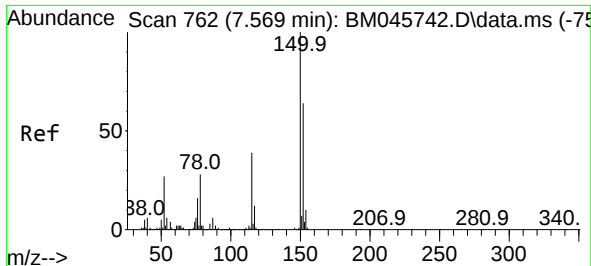
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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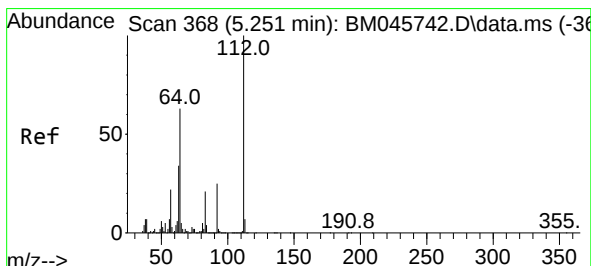
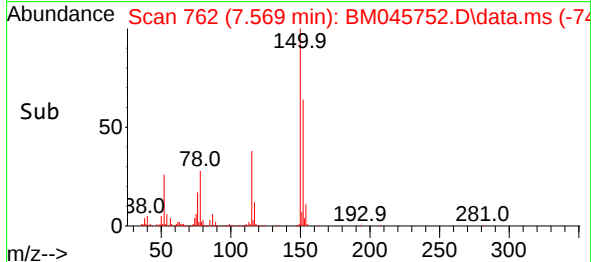
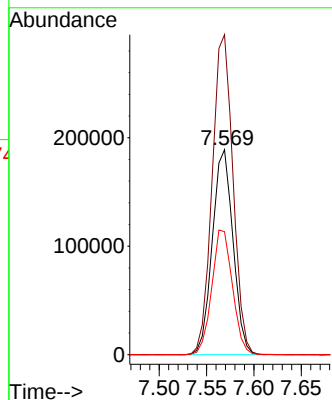
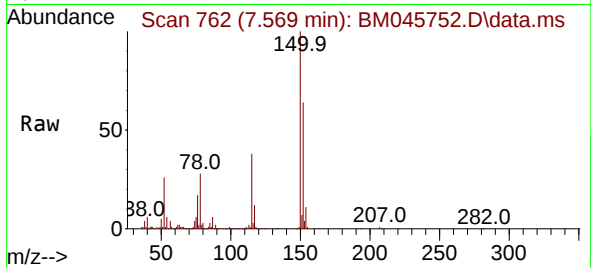




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BM045752.D
Acq: 23 May 2024 14:08

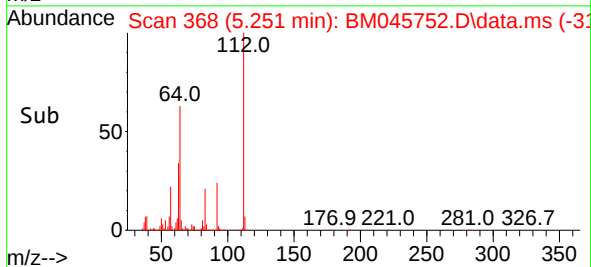
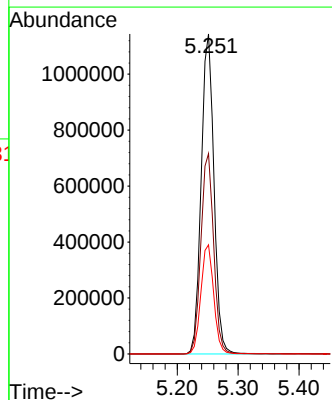
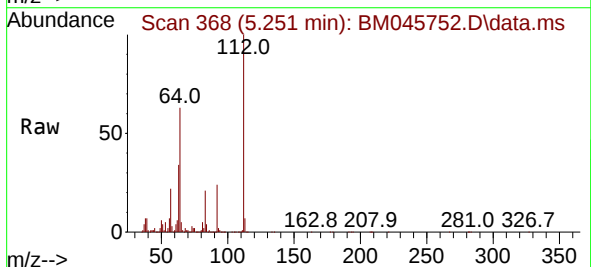
Instrument :
BNA_M
ClientSampleId :
PB161074BL

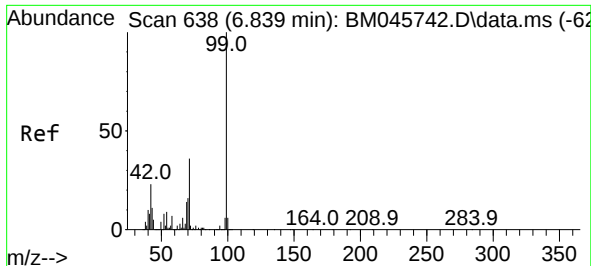
Tgt Ion:152 Resp: 287843
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.4
115 60.0 48.9 73.3



#5
2-Fluorophenol
Concen: 103.025 ng
RT: 5.251 min Scan# 368
Delta R.T. 0.000 min
Lab File: BM045752.D
Acq: 23 May 2024 14:08

Tgt Ion:112 Resp: 1663320
Ion Ratio Lower Upper
112 100
64 62.6 50.1 75.1
63 34.1 27.3 40.9



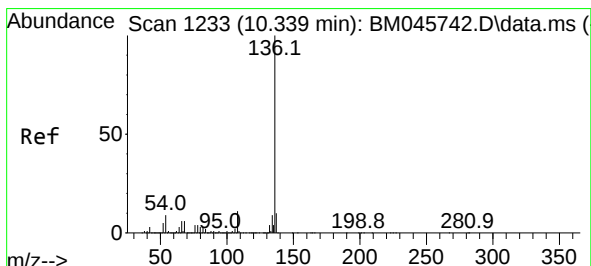
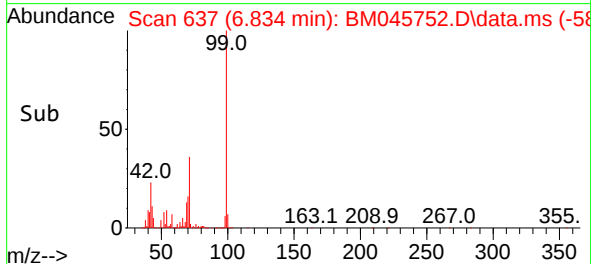
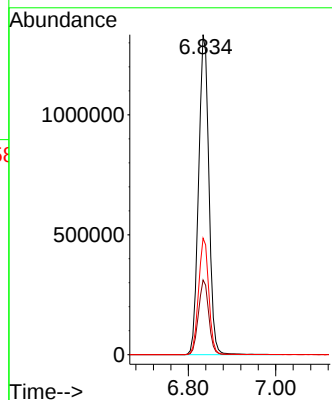
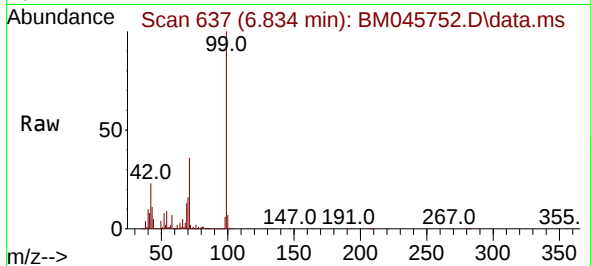


#7
Phenol-d6
Concen: 100.945 ng
RT: 6.834 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM045752.D
Acq: 23 May 2024 14:08

Instrument :
BNA_M
ClientSampleId :
PB161074BL

Tgt Ion: 99 Resp: 2187992

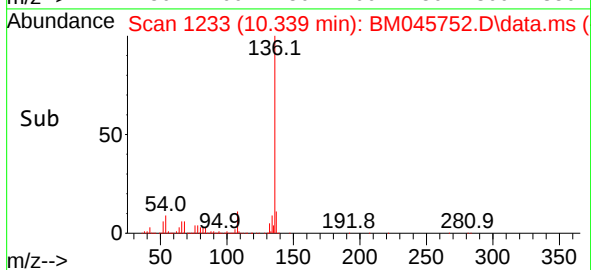
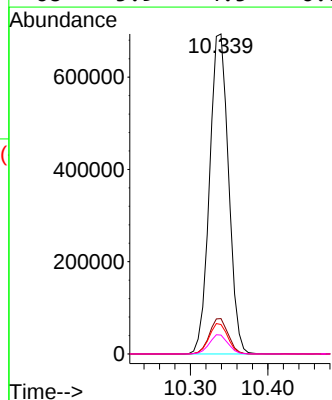
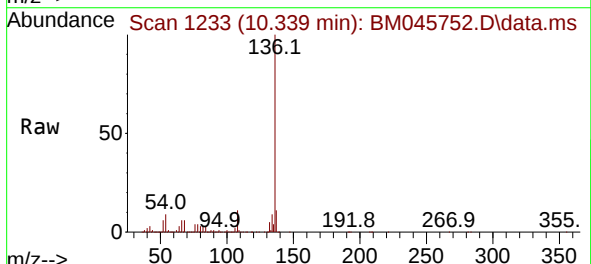
Ion	Ratio	Lower	Upper
99	100		
42	23.4	18.3	27.5
71	36.4	28.5	42.7

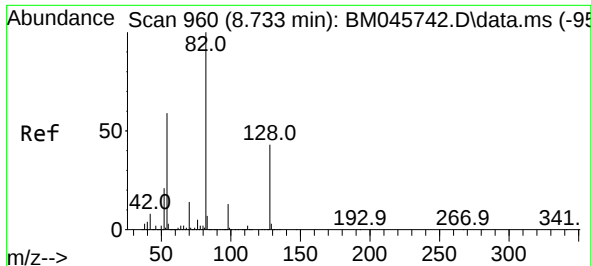


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BM045752.D
Acq: 23 May 2024 14:08

Tgt Ion: 136 Resp: 1179228

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.2
54	9.2	7.5	11.3
68	5.9	4.5	6.7

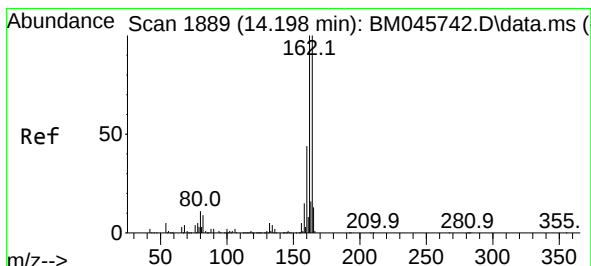
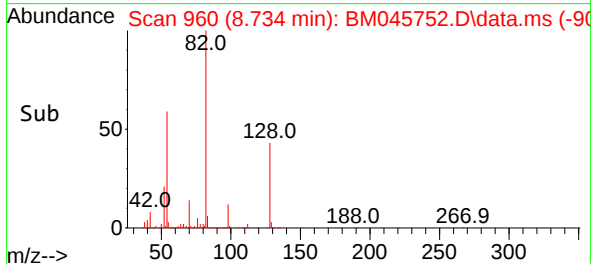
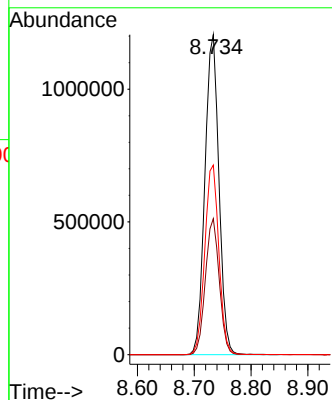
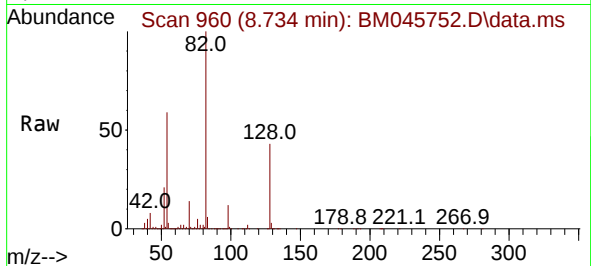




#23
Nitrobenzene-d5
Concen: 95.036 ng
RT: 8.734 min Scan# 960
Delta R.T. 0.001 min
Lab File: BM045752.D
Acq: 23 May 2024 14:08

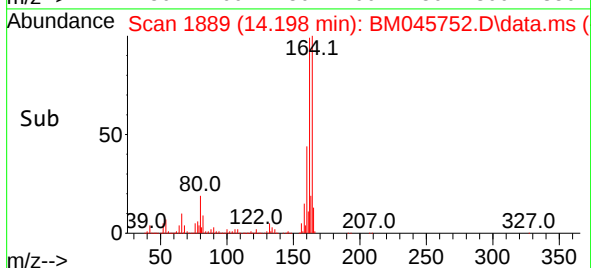
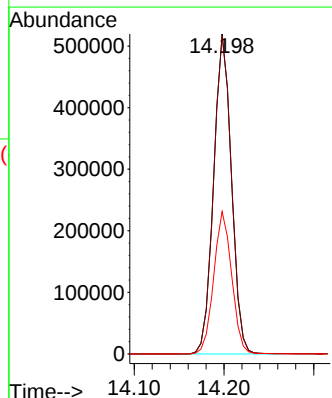
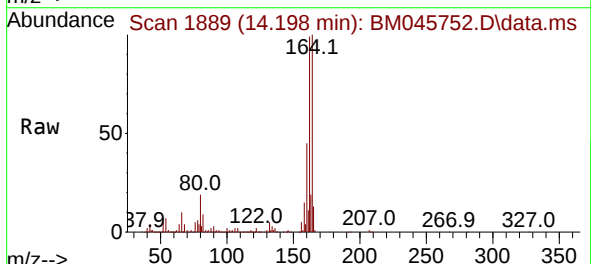
Instrument :
BNA_M
ClientSampleId :
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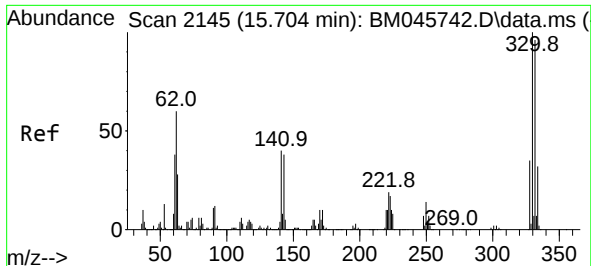
Tgt Ion: 82 Resp: 2060199
Ion Ratio Lower Upper
82 100
128 42.5 34.2 51.4
54 59.3 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.198 min Scan# 1889
Delta R.T. 0.000 min
Lab File: BM045752.D
Acq: 23 May 2024 14:08

Tgt Ion: 164 Resp: 714707
Ion Ratio Lower Upper
164 100
162 99.3 79.9 119.9
160 44.5 35.0 52.6

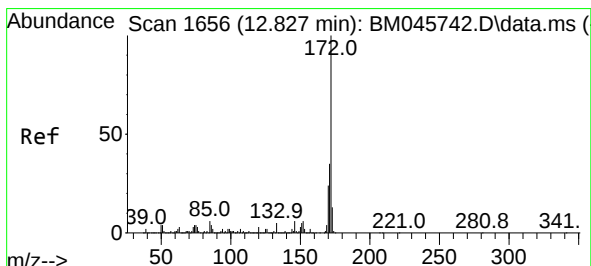
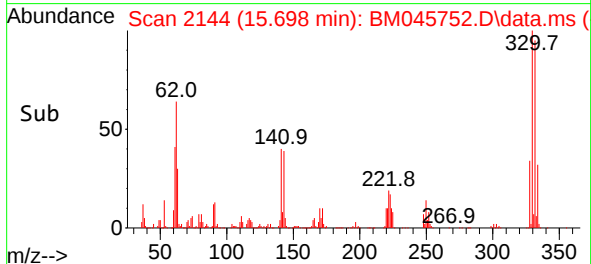
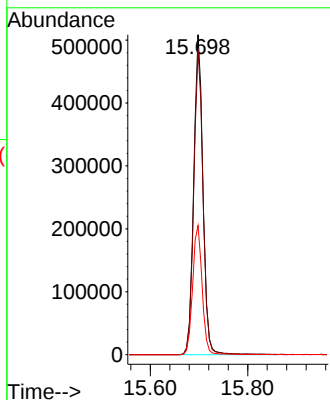
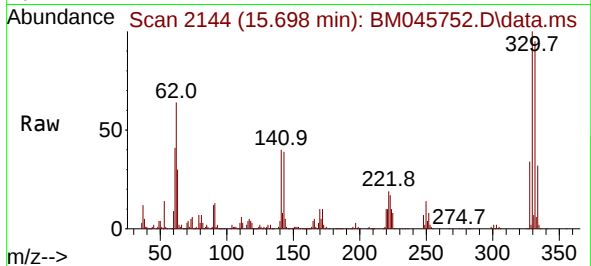




#42
2,4,6-Tribromophenol
Concen: 89.097 ng
RT: 15.698 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BM045752.D
Acq: 23 May 2024 14:08

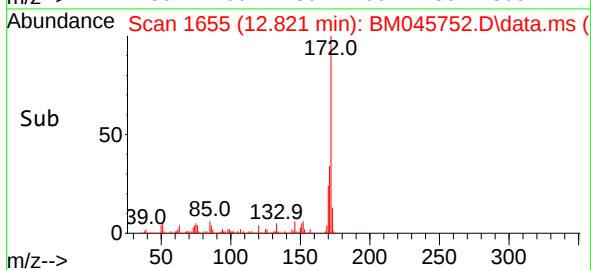
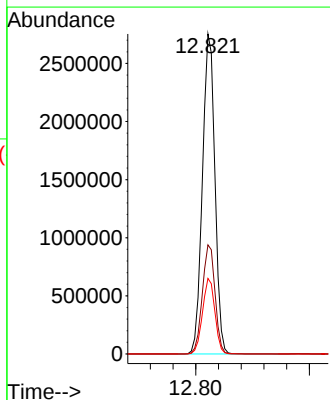
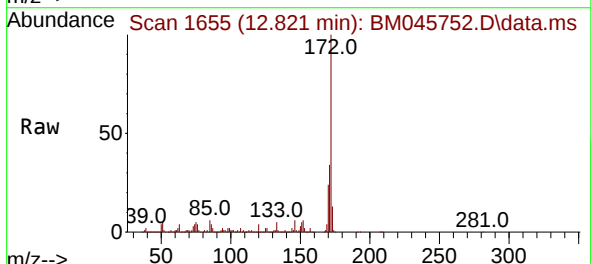
Instrument :
BNA_M
ClientSampleId :
PB161074BL

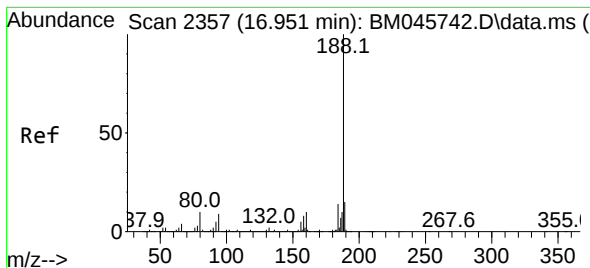
Tgt Ion:330 Resp: 674472
Ion Ratio Lower Upper
330 100
332 95.4 77.2 115.8
141 41.4 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 94.208 ng
RT: 12.821 min Scan# 1655
Delta R.T. -0.006 min
Lab File: BM045752.D
Acq: 23 May 2024 14:08

Tgt Ion:172 Resp: 4189284
Ion Ratio Lower Upper
172 100
171 34.1 27.9 41.9
170 23.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045752.D

Acq: 23 May 2024 14:08

Instrument :

BNA_M

ClientSampleId :

PB161074BL

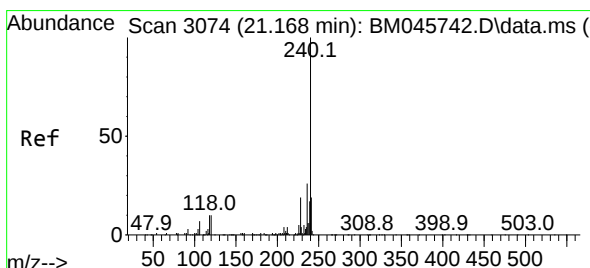
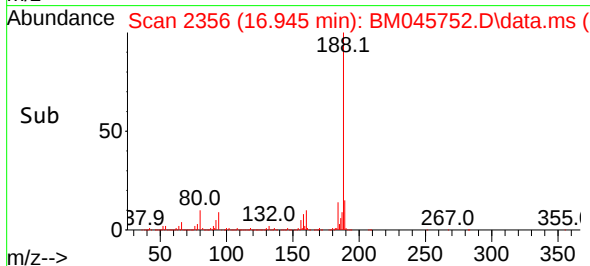
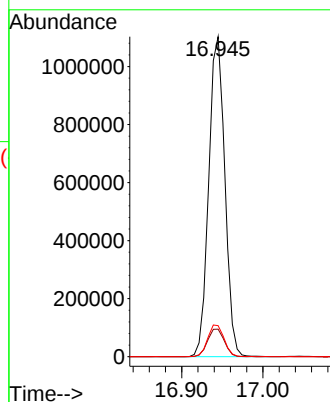
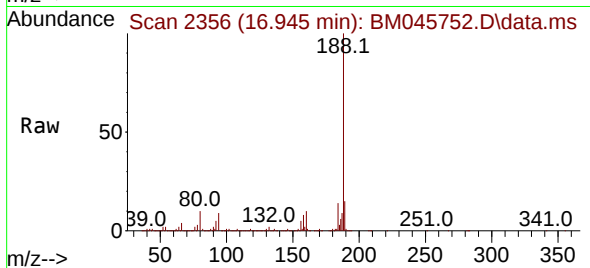
Tgt Ion:188 Resp: 1518234

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

80 9.7 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.156 min Scan# 3072

Delta R.T. -0.012 min

Lab File: BM045752.D

Acq: 23 May 2024 14:08

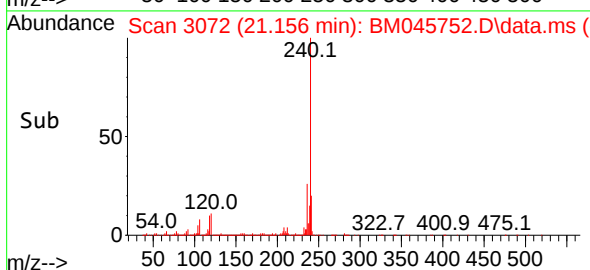
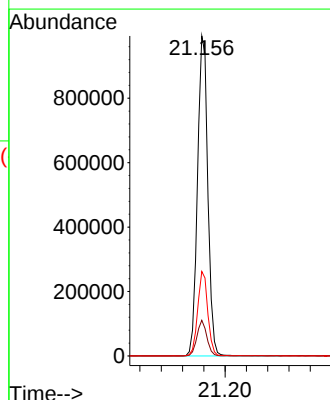
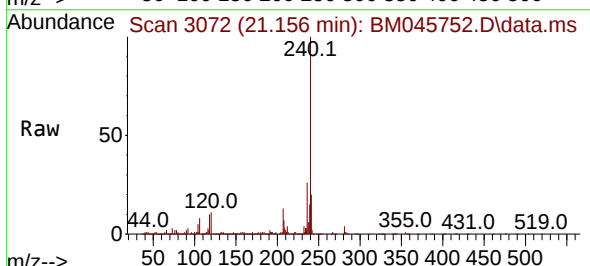
Tgt Ion:240 Resp: 1336232

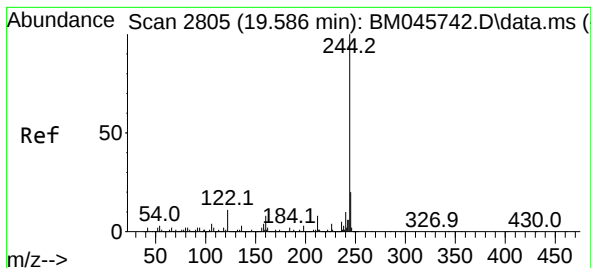
Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

236 26.4 20.7 31.1





#79

Terphenyl-d14

Concen: 85.594 ng

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM045752.D

Acq: 23 May 2024 14:08

Instrument :

BNA_M

ClientSampleId :

PB161074BL

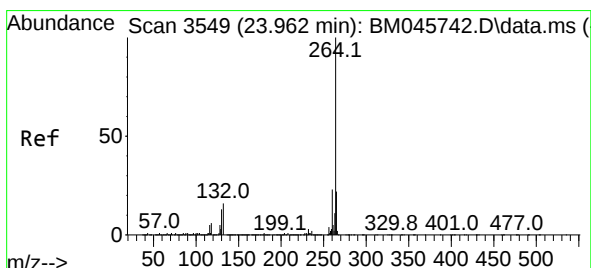
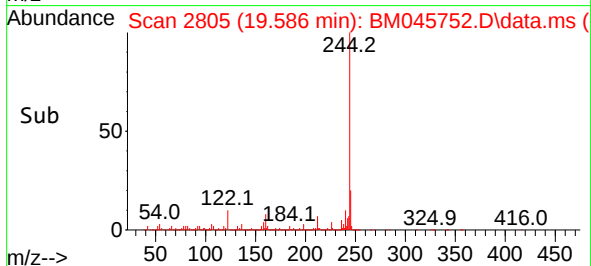
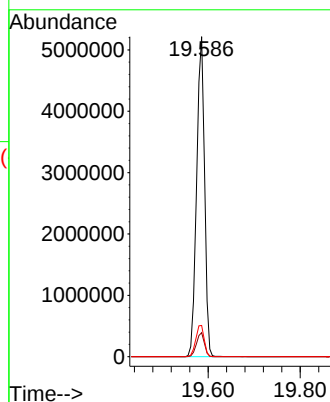
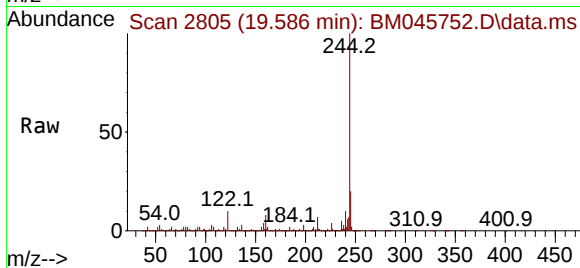
Tgt Ion:244 Resp: 6214080

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 9.7 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.950 min Scan# 3547

Delta R.T. -0.012 min

Lab File: BM045752.D

Acq: 23 May 2024 14:08

Tgt Ion:264 Resp: 1407652

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.9 17.8 26.8

