

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092324\
 Data File : BM047599.D
 Acq On : 23 Sep 2024 10:24
 Operator : RC/JU
 Sample : PB163525BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163525BL

Quant Time: Sep 23 11:24:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 21 02:22:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	362092	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1395561	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	664243	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1141773	20.000	ng	0.00
76) Chrysene-d12	21.433	240	723811	20.000	ng	0.00
86) Perylene-d12	24.456	264	696704	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	3056941	129.376	ng	0.00
7) Phenol-d6	7.004	99	3801412	122.100	ng	0.00
23) Nitrobenzene-d5	8.992	82	2302766	82.141	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	659636	107.246	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	4164930	88.721	ng	0.00
79) Terphenyl-d14	19.821	244	4451374	110.346	ng	0.00

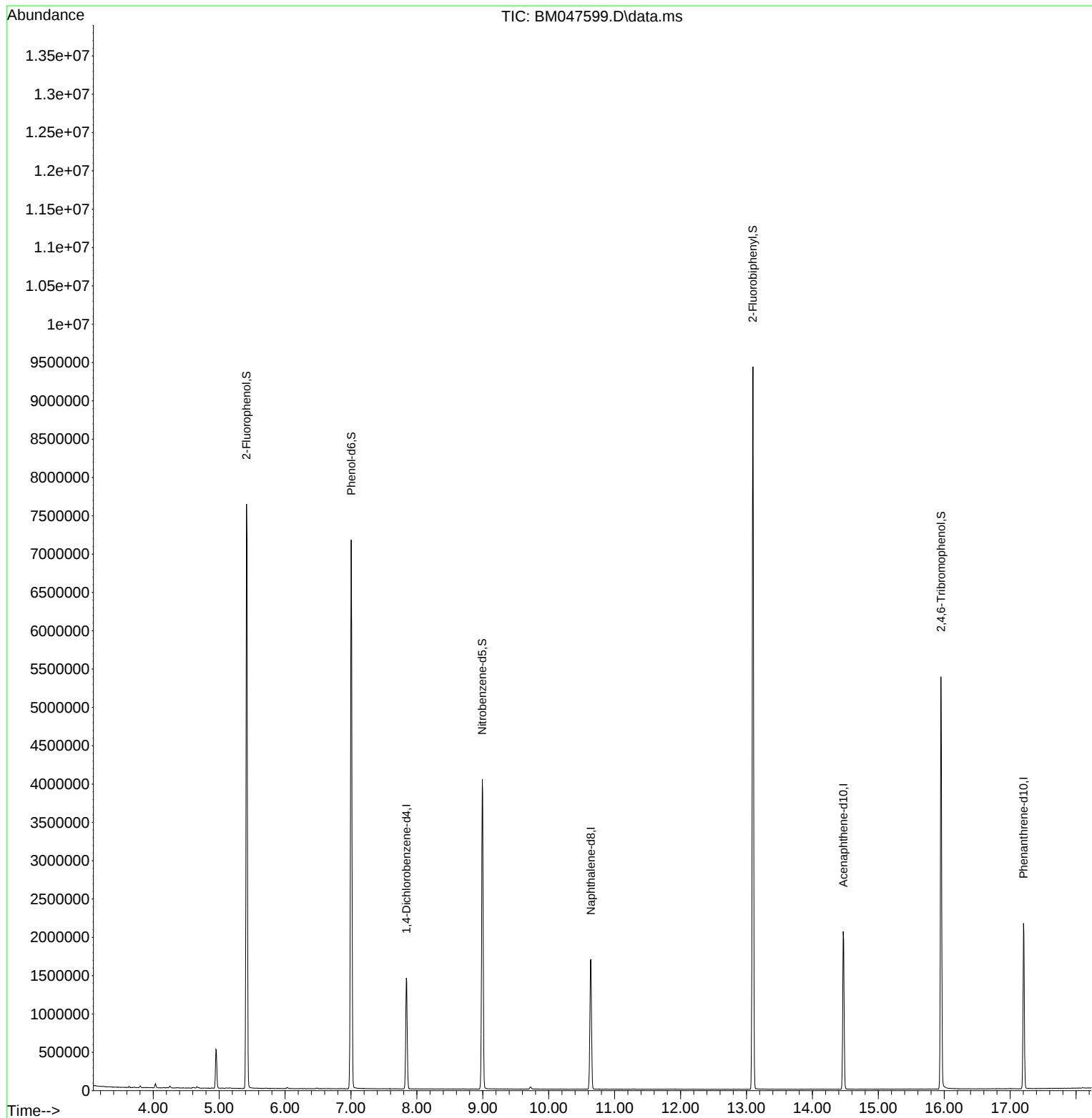
Target Compounds	Qvalue

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

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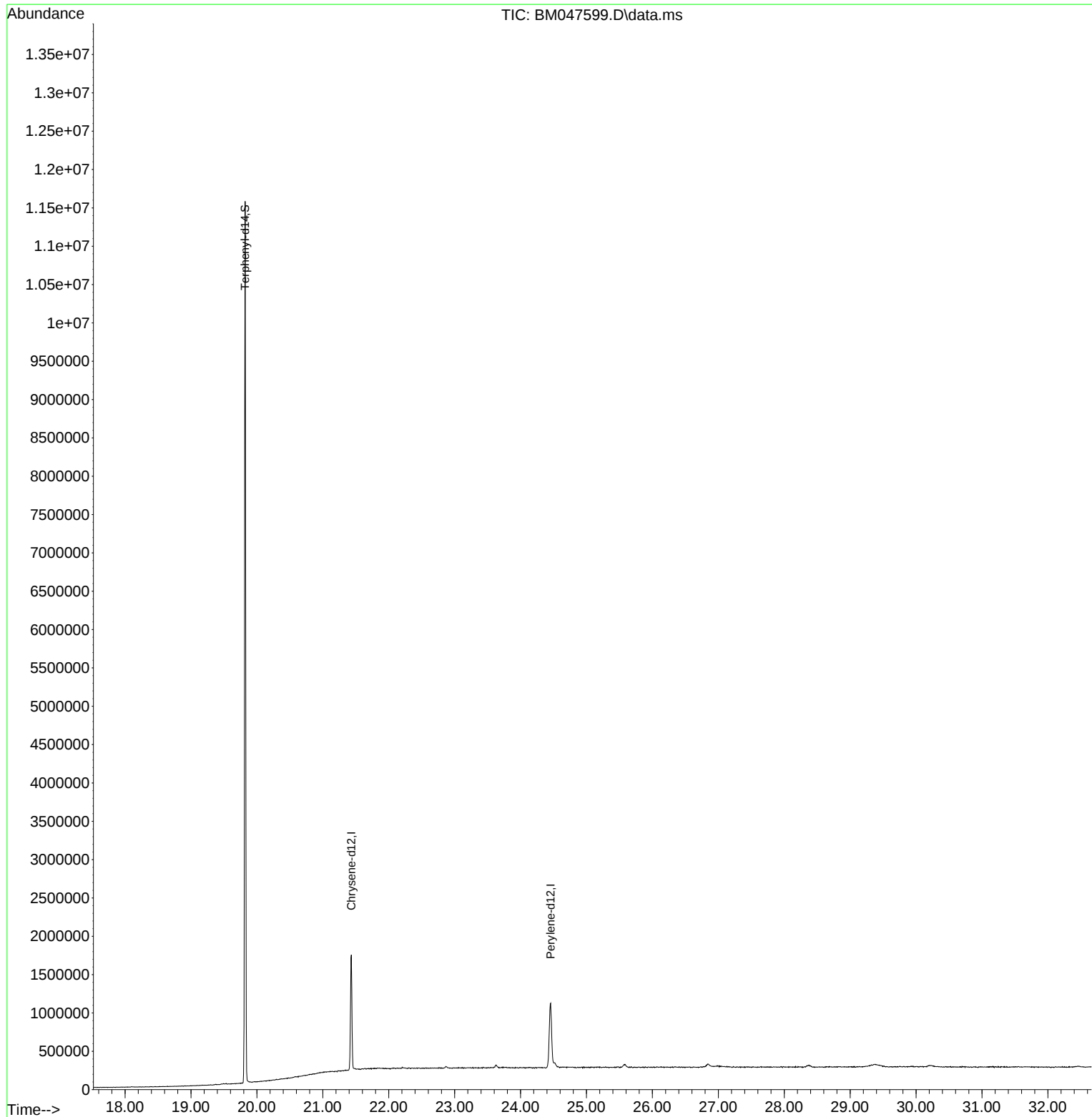
Quant Time: Sep 23 11:24:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
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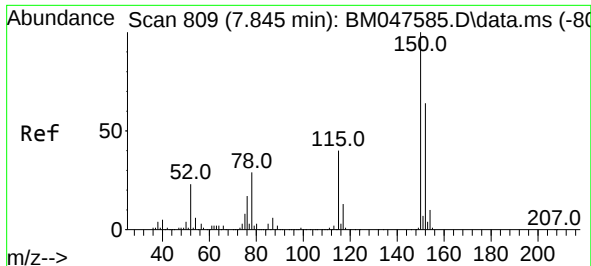


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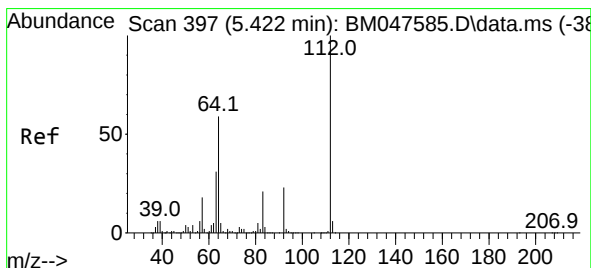
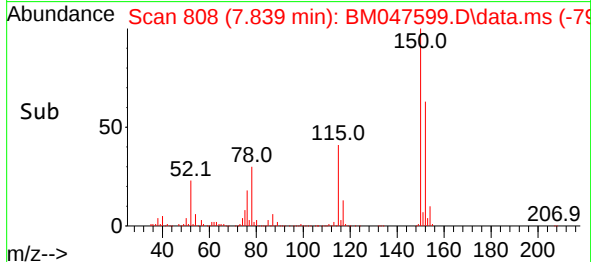
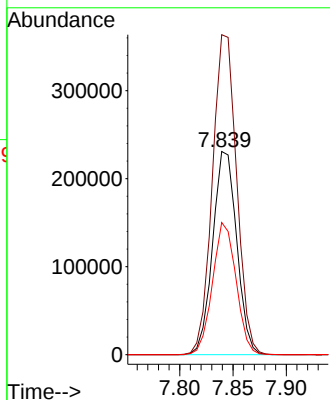
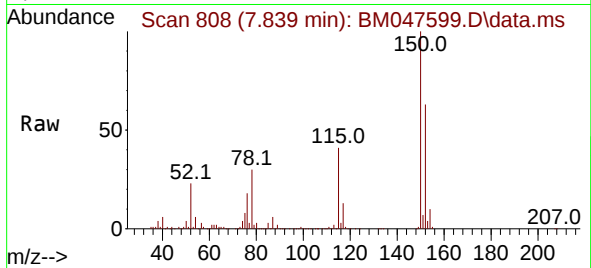




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 809
Delta R.T. -0.006 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

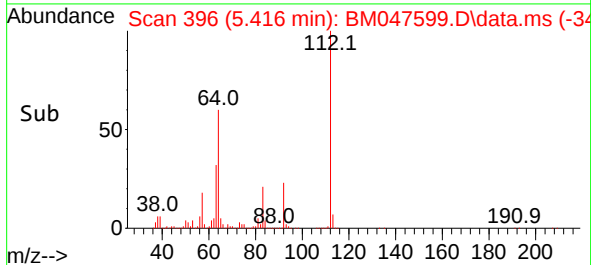
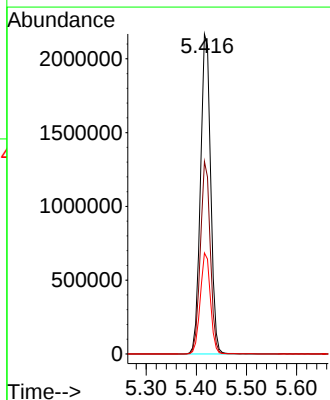
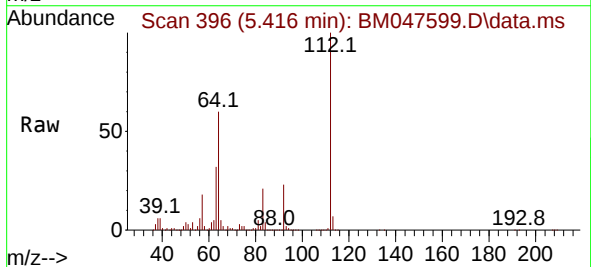
Instrument :
BNA_M
ClientSampleId :
PB163525BL

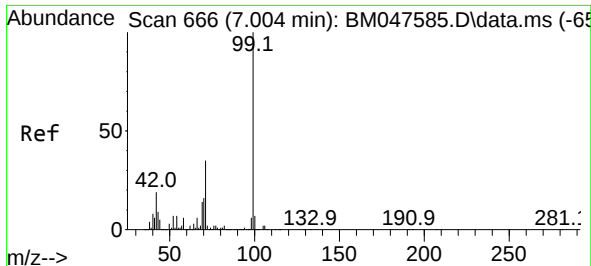
Tgt Ion:152 Resp: 362092
Ion Ratio Lower Upper
152 100
150 157.5 124.5 186.7
115 65.1 49.9 74.9



#5
2-Fluorophenol
Concen: 129.376 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Tgt Ion:112 Resp: 3056941
Ion Ratio Lower Upper
112 100
64 60.1 46.8 70.2
63 31.6 25.2 37.8

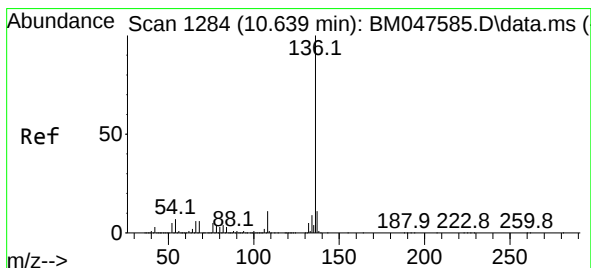
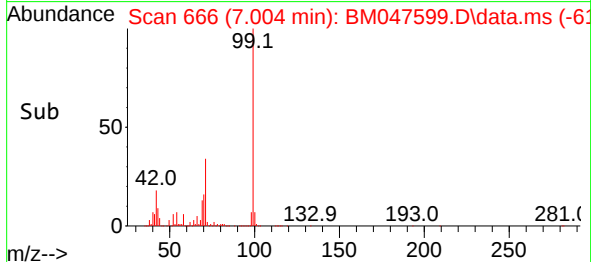
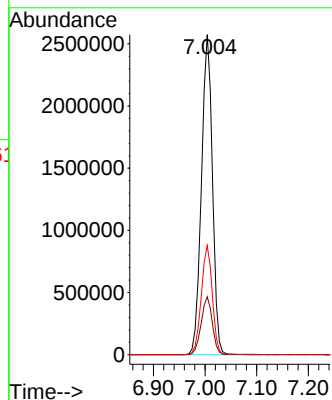
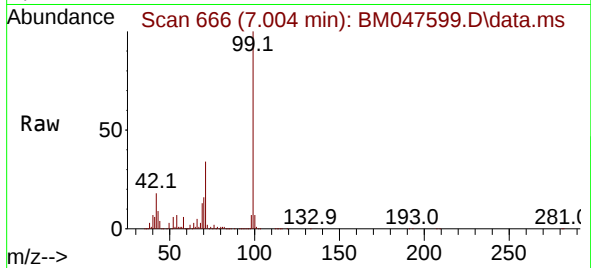




#7
Phenol-d6
Concen: 122.100 ng
RT: 7.004 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

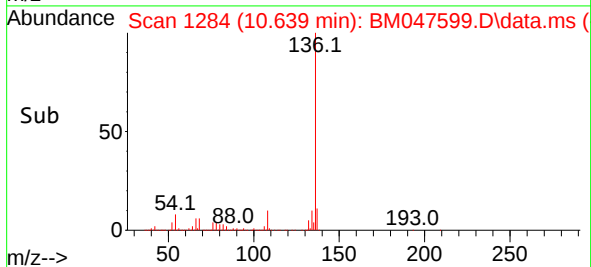
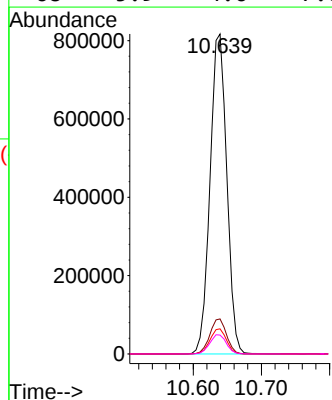
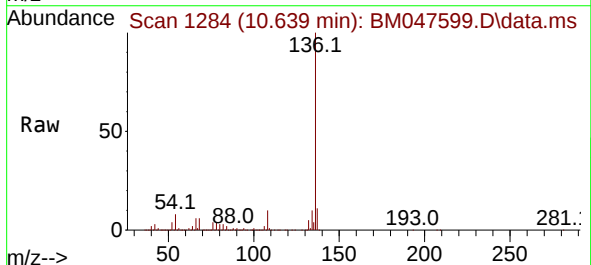
Instrument :
BNA_M
ClientSampleId :
PB163525BL

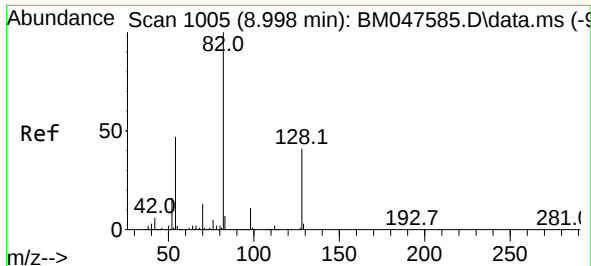
Tgt Ion: 99 Resp: 3801412
Ion Ratio Lower Upper
99 100
42 18.1 15.3 22.9
71 34.1 27.8 41.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Tgt Ion:136 Resp: 1395561
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.9 6.0 9.0
68 5.9 4.6 7.0

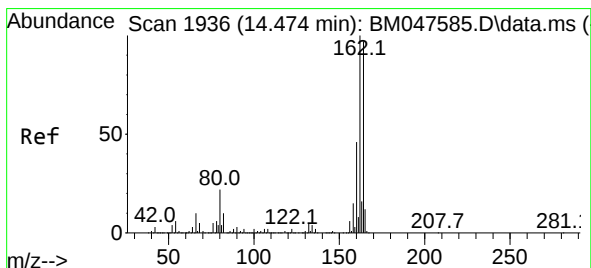
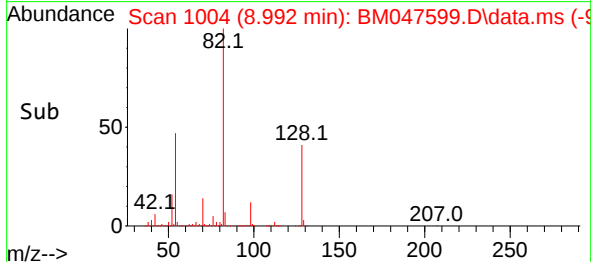
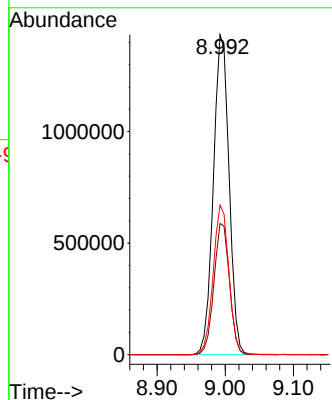
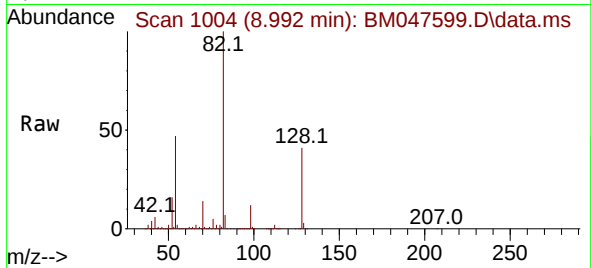




#23
Nitrobenzene-d5
Concen: 82.141 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

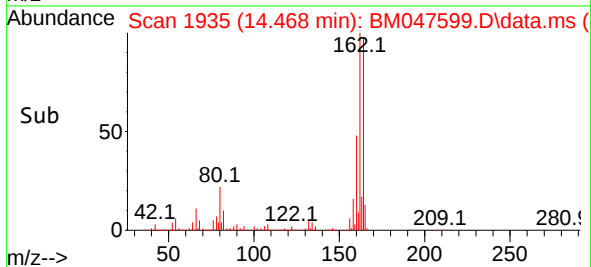
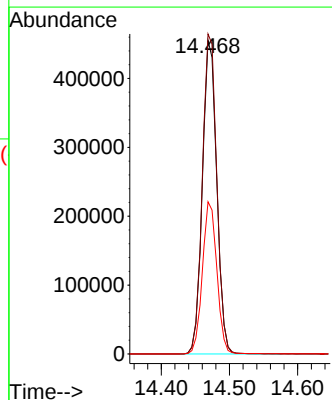
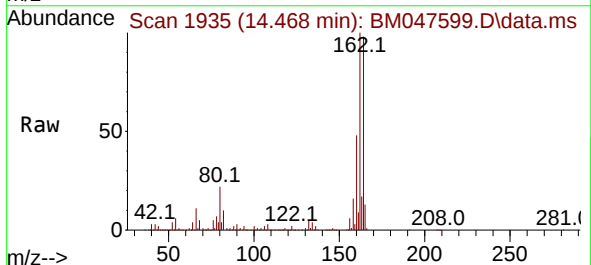
Instrument :
BNA_M
ClientSampleId :
PB163525BL

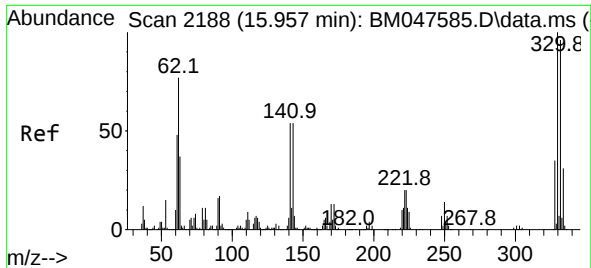
Tgt Ion: 82 Resp: 2302766
Ion Ratio Lower Upper
82 100
128 41.0 32.5 48.7
54 46.8 37.5 56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.468 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

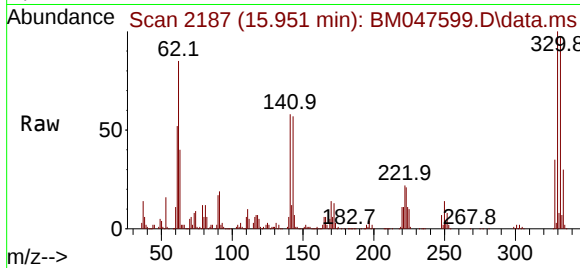
Tgt Ion:164 Resp: 664243
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 48.6 37.8 56.6



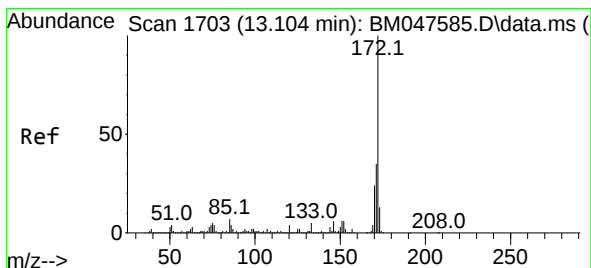
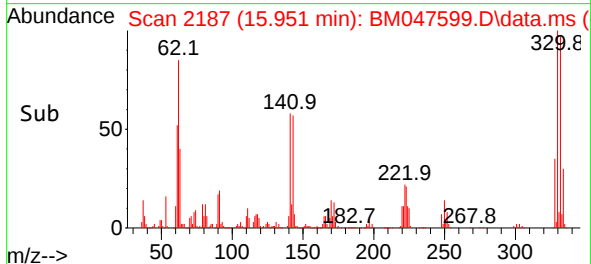
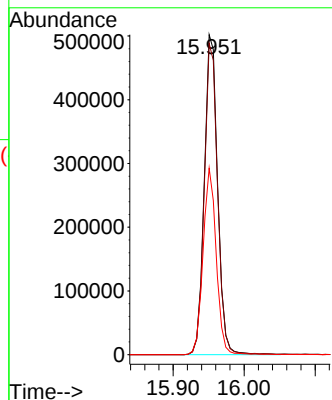


#42
2,4,6-Tribromophenol
Concen: 107.246 ng
RT: 15.951 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Instrument :
BNA_M
ClientSampleId :
PB163525BL

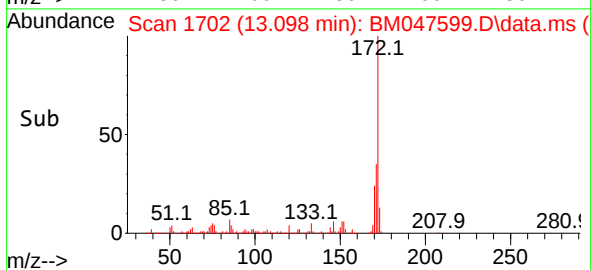
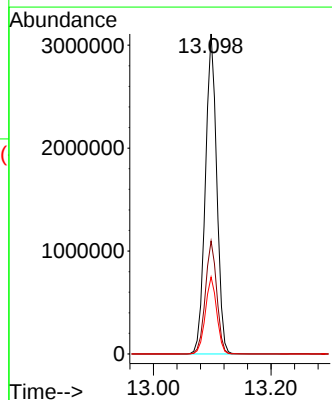
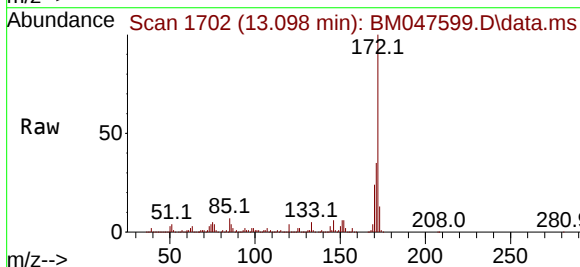


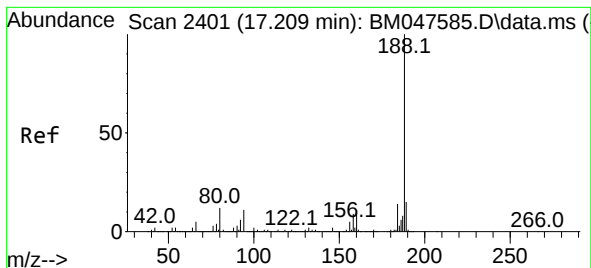
Tgt Ion:330 Resp: 659636
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 57.6 45.9 68.9



#45
2-Fluorobiphenyl
Concen: 88.721 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Tgt Ion:172 Resp: 4164930
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 24.0 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 24

Delta R.T. -0.005 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

Instrument :

BNA_M

ClientSampleId :

PB163525BL

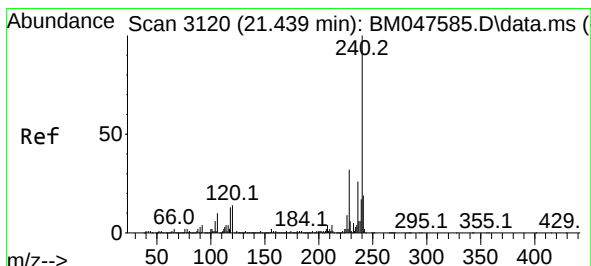
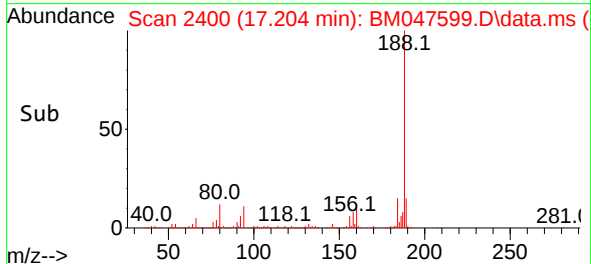
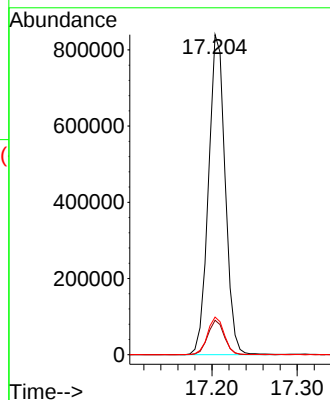
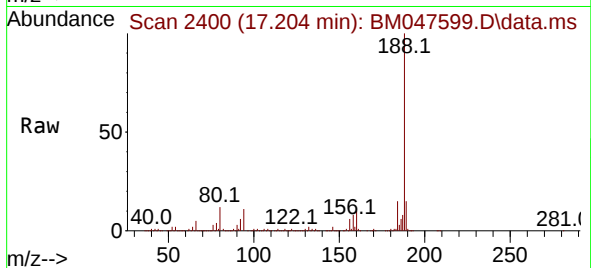
Tgt Ion:188 Resp: 1141773

Ion Ratio Lower Upper

188 100

94 10.7 8.6 13.0

80 11.8 9.9 14.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

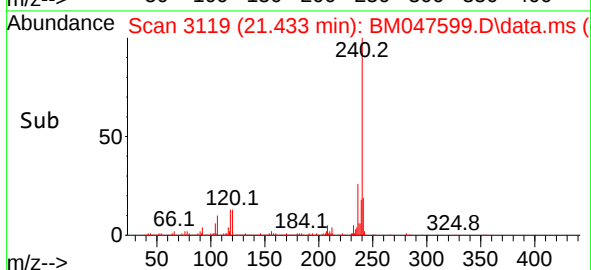
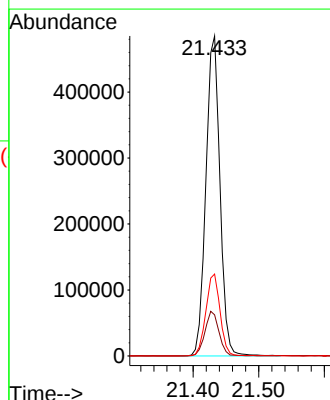
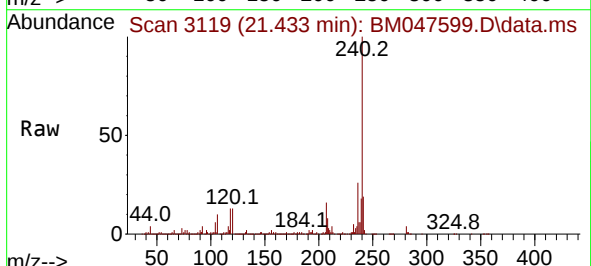
Tgt Ion:240 Resp: 723811

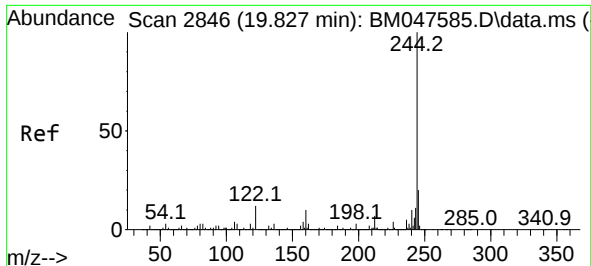
Ion Ratio Lower Upper

240 100

120 12.9 10.8 16.2

236 25.6 20.8 31.2

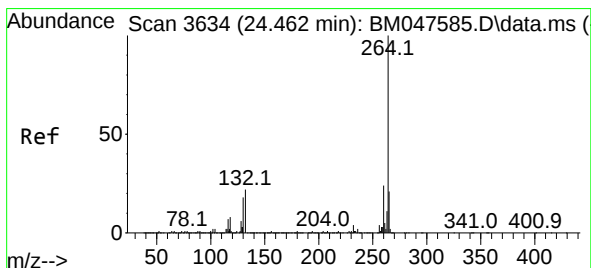
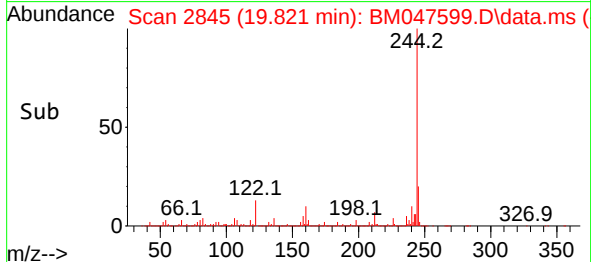
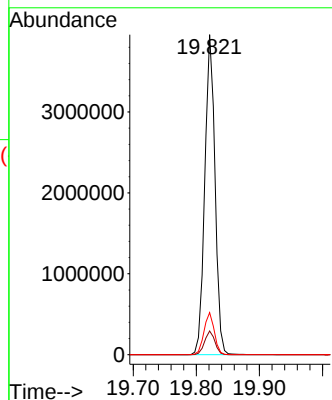
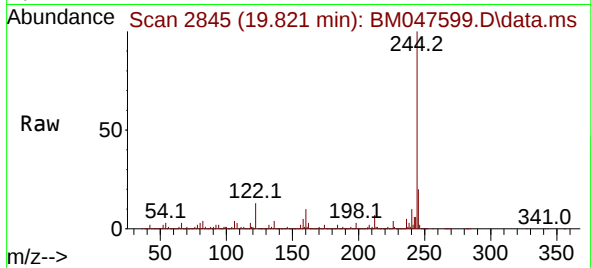




#79
 Terphenyl-d14
 Concen: 110.346 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047599.D
 Acq: 23 Sep 2024 10:24

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 4451374
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.1 10.0 15.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.456 min Scan# 3633
 Delta R.T. -0.006 min
 Lab File: BM047599.D
 Acq: 23 Sep 2024 10:24

Tgt Ion:264 Resp: 696704
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.9 28.3
 265 22.2 17.0 25.6

