

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092324\
 Data File : BM047600.D
 Acq On : 23 Sep 2024 11:04
 Operator : RC/JU
 Sample : PB163344BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163344BL

Quant Time: Sep 23 18:57:30 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	7.845	152	304832	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	1161519	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	523773	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	914542	20.000	ng	0.00
76) Chrysene-d12	21.427	240	616013	20.000	ng	-0.01
86) Perylene-d12	24.450	264	584879	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1920175	96.531	ng	0.00
7) Phenol-d6	7.004	99	2440958	93.130	ng	0.00
23) Nitrobenzene-d5	8.992	82	2245447	96.235	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	338589	69.812	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	4038464	109.099	ng	0.00
79) Terphenyl-d14	19.821	244	4365635	127.158	ng	0.00

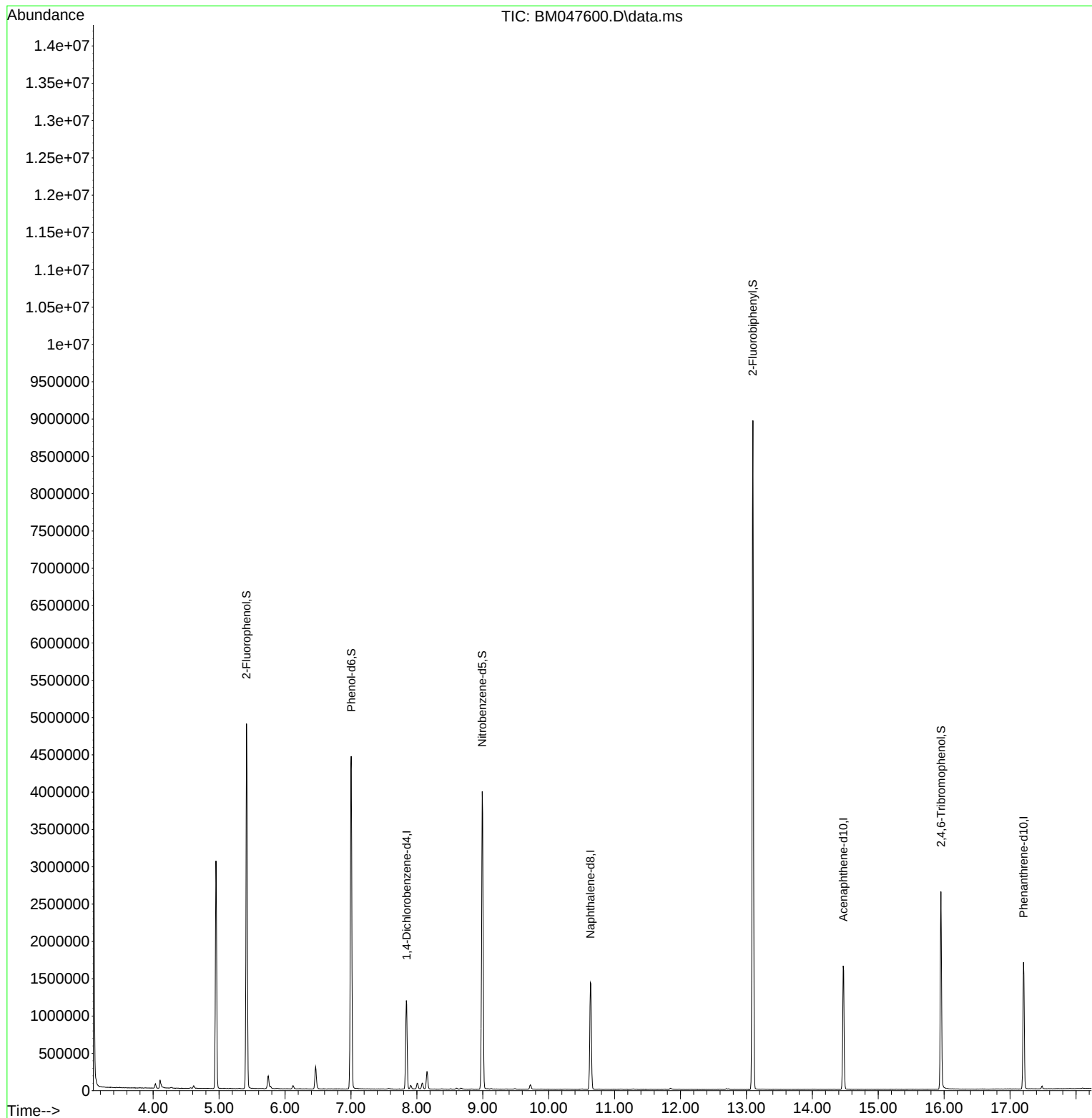
Target Compounds	Qvalue

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

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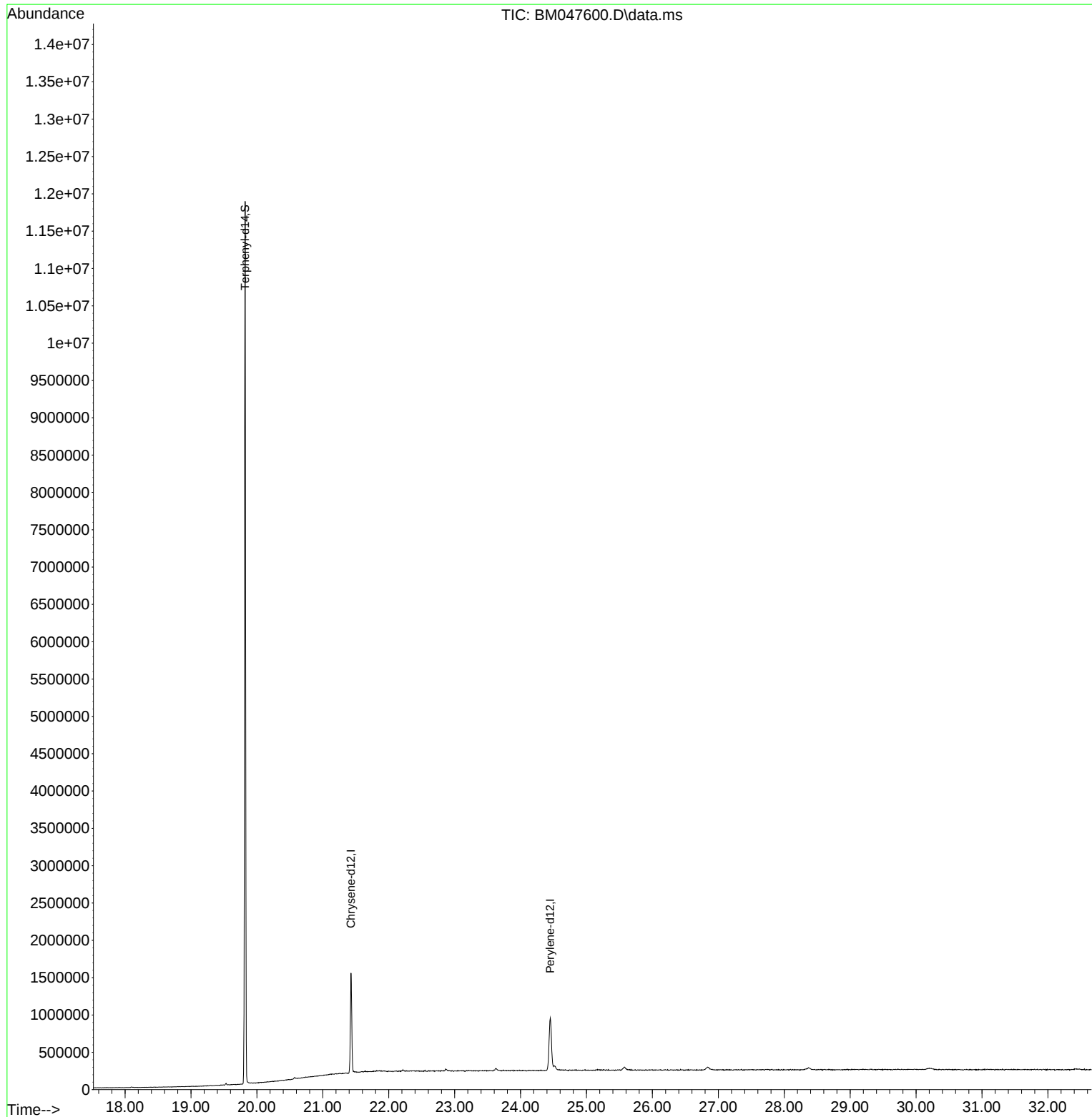
Quant Time: Sep 23 18:57:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
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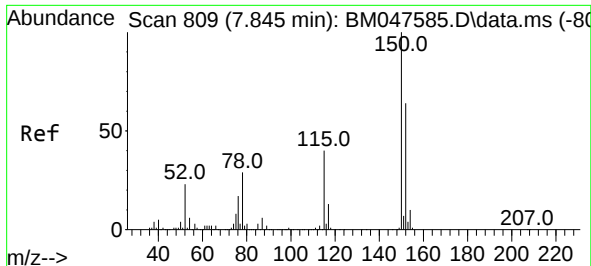


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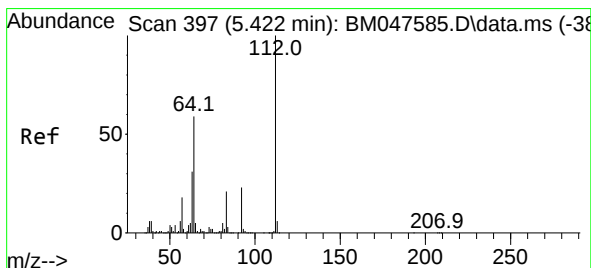
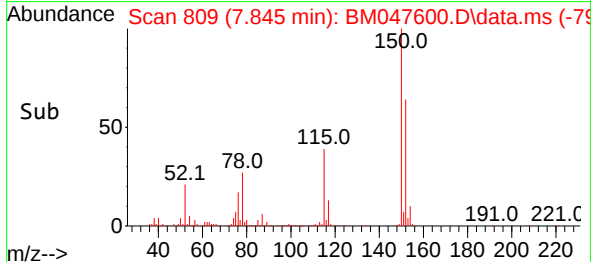
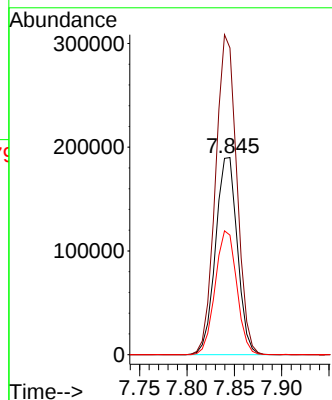
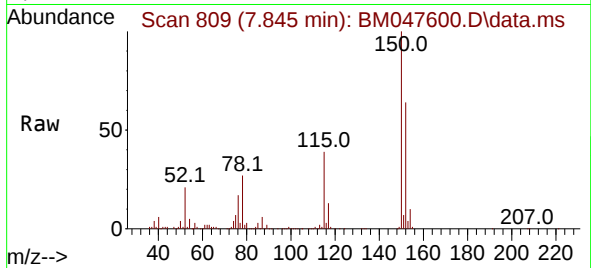




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BM047600.D
Acq: 23 Sep 2024 11:04

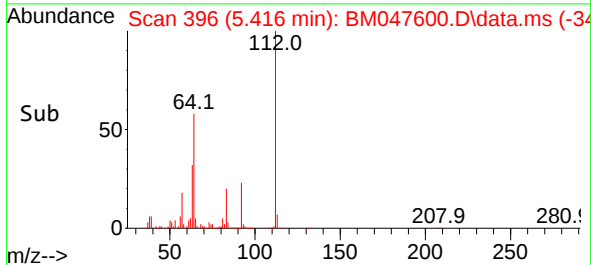
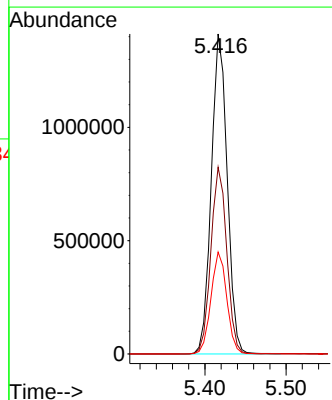
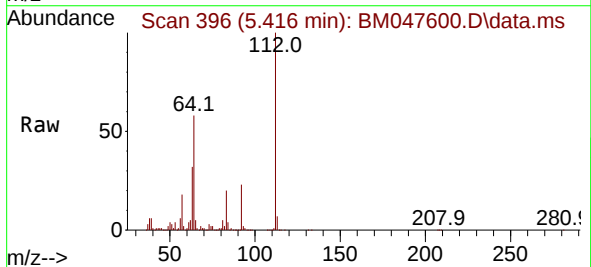
Instrument :
BNA_M
ClientSampleId :
PB163344BL

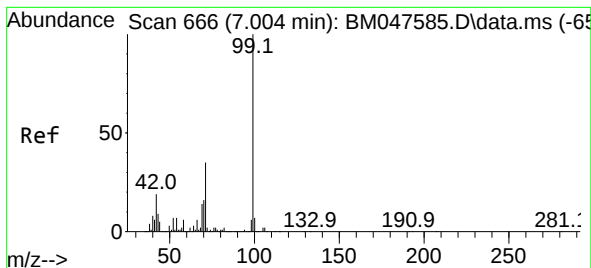
Tgt Ion:152 Resp: 304832
Ion Ratio Lower Upper
152 100
150 155.6 124.5 186.7
115 60.6 49.9 74.9



#5
2-Fluorophenol
Concen: 96.531 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM047600.D
Acq: 23 Sep 2024 11:04

Tgt Ion:112 Resp: 1920175
Ion Ratio Lower Upper
112 100
64 58.3 46.8 70.2
63 31.8 25.2 37.8





#7

Phenol-d6

Concen: 93.130 ng

RT: 7.004 min Scan# 6

Delta R.T. 0.000 min

Lab File: BM047600.D

Acq: 23 Sep 2024 11:04

Instrument :

BNA_M

ClientSampleId :

PB163344BL

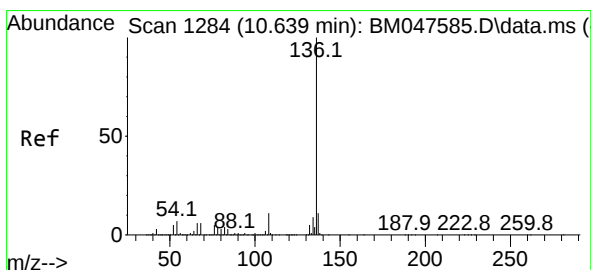
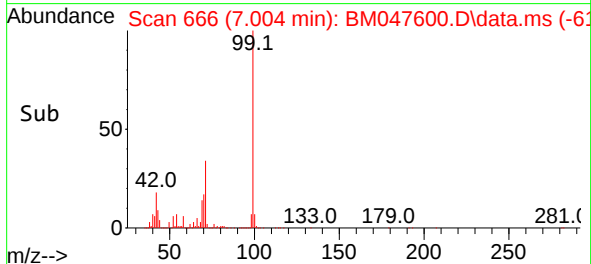
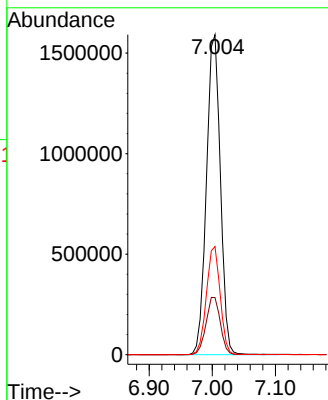
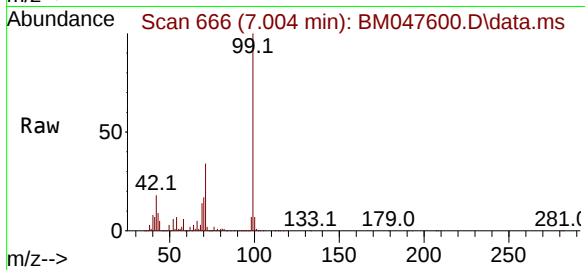
Tgt Ion: 99 Resp: 2440958

Ion Ratio Lower Upper

99 100

42 17.8 15.3 22.9

71 33.8 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.634 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BM047600.D

Acq: 23 Sep 2024 11:04

Tgt Ion:136 Resp: 1161519

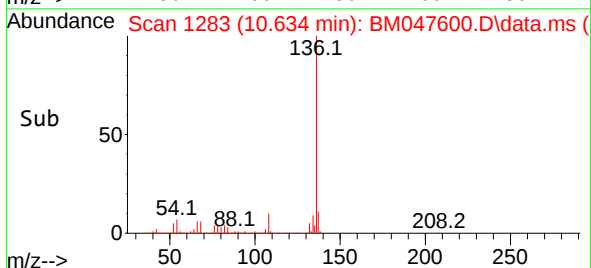
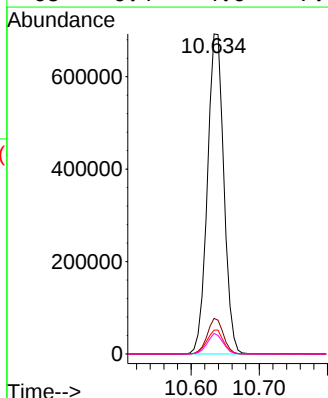
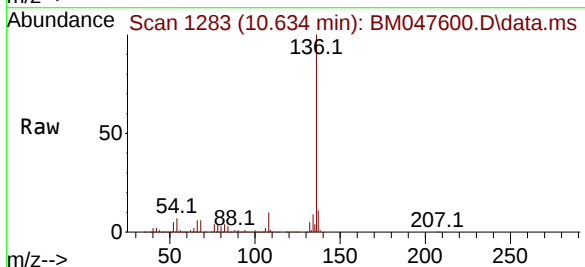
Ion Ratio Lower Upper

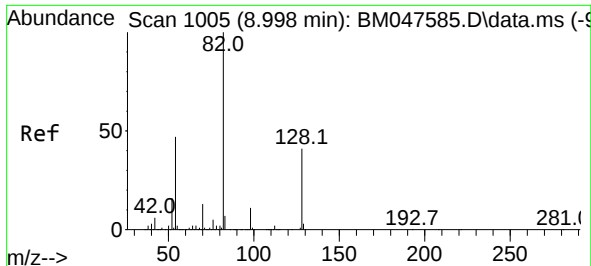
136 100

137 11.1 9.0 13.4

54 7.5 6.0 9.0

68 6.4 4.6 7.0





#23

Nitrobenzene-d5

Concen: 96.235 ng

RT: 8.992 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BM047600.D

Acq: 23 Sep 2024 11:04

Instrument :

BNA_M

ClientSampleId :

PB163344BL

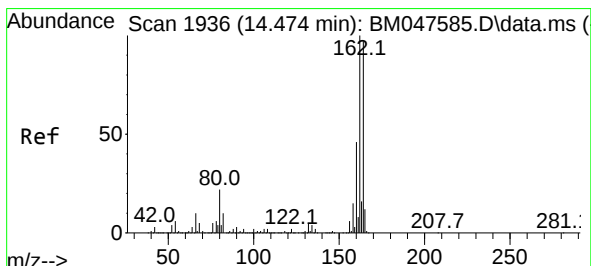
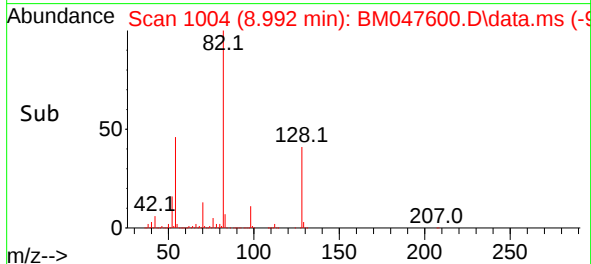
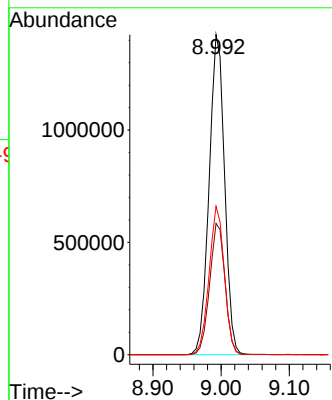
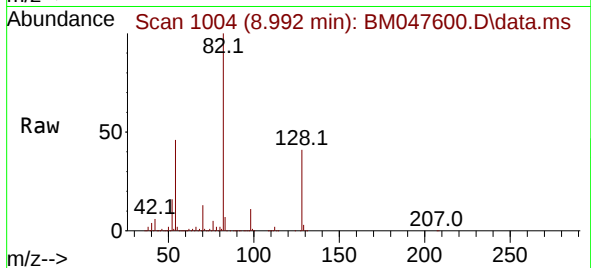
Tgt Ion: 82 Resp: 2245447

Ion Ratio Lower Upper

82 100

128 41.0 32.5 48.7

54 46.4 37.5 56.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.469 min Scan# 1935

Delta R.T. -0.005 min

Lab File: BM047600.D

Acq: 23 Sep 2024 11:04

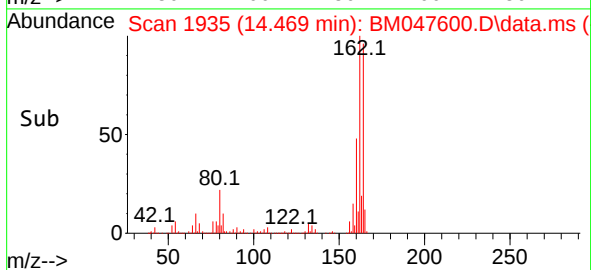
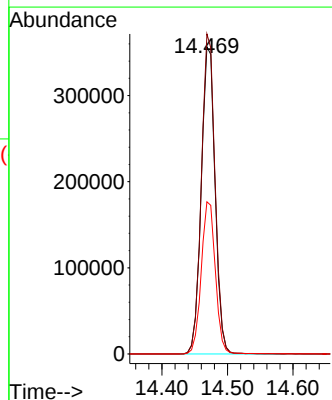
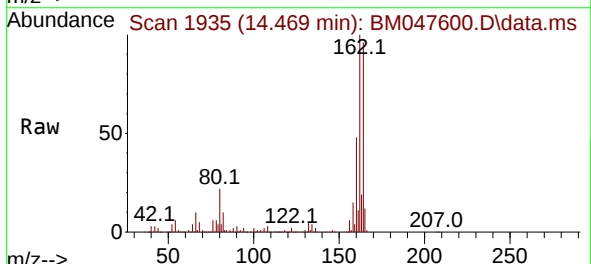
Tgt Ion:164 Resp: 523773

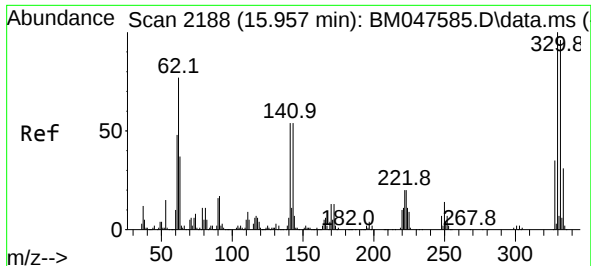
Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

160 49.6 37.8 56.6

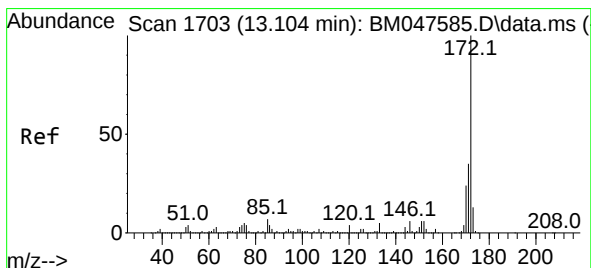
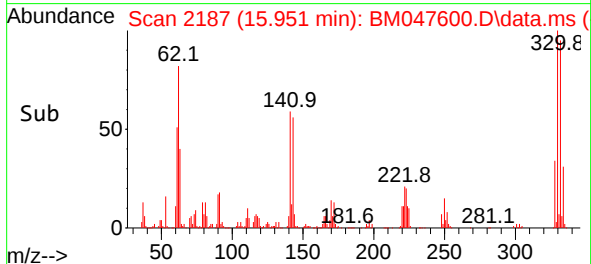
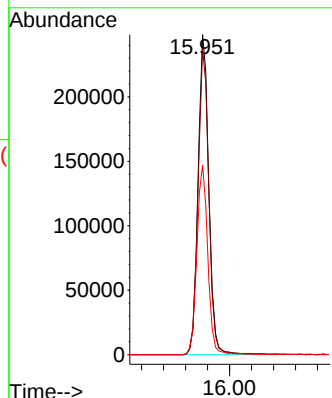
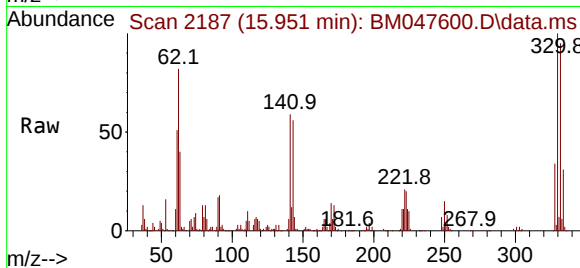




#42
2,4,6-Tribromophenol
Concen: 69.812 ng
RT: 15.951 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM047600.D
Acq: 23 Sep 2024 11:04

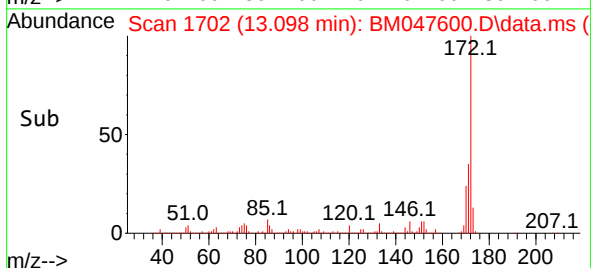
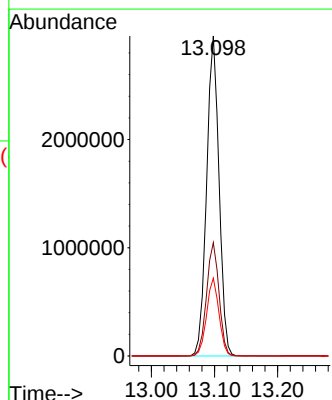
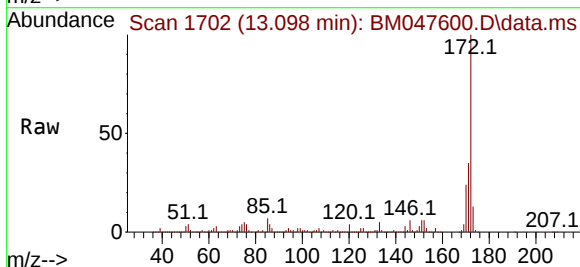
Instrument :
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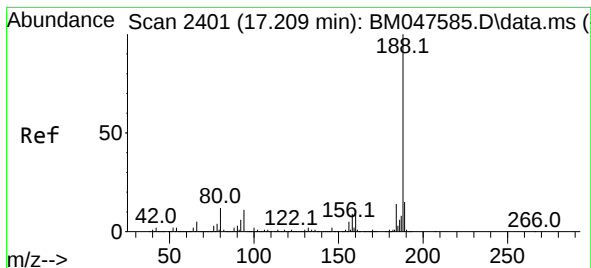
Tgt Ion:330 Resp: 338589
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.4
141 59.6 45.9 68.9



#45
2-Fluorobiphenyl
Concen: 109.099 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM047600.D
Acq: 23 Sep 2024 11:04

Tgt Ion:172 Resp: 4038464
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 24.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2401

Delta R.T. -0.005 min

Lab File: BM047600.D

Acq: 23 Sep 2024 11:04

Instrument :

BNA_M

ClientSampleId :

PB163344BL

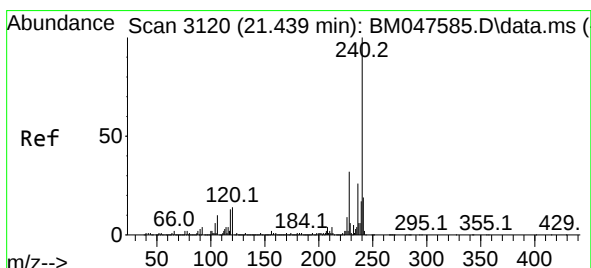
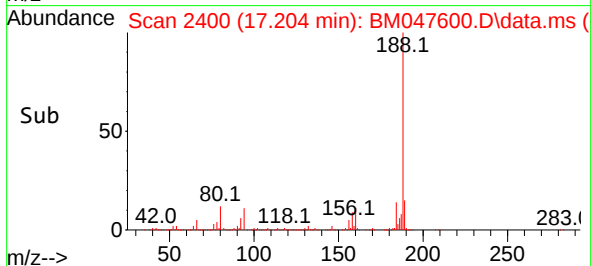
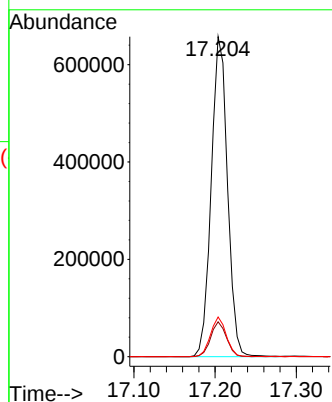
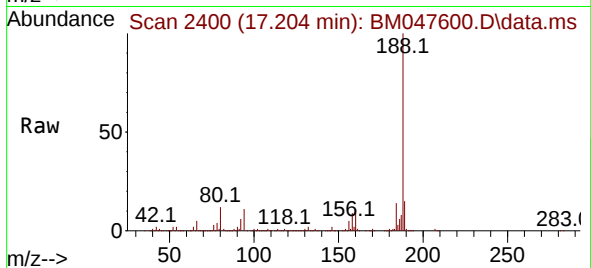
Tgt Ion:188 Resp: 914542

Ion Ratio Lower Upper

188 100

94 10.9 8.6 13.0

80 12.4 9.9 14.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3118

Delta R.T. -0.012 min

Lab File: BM047600.D

Acq: 23 Sep 2024 11:04

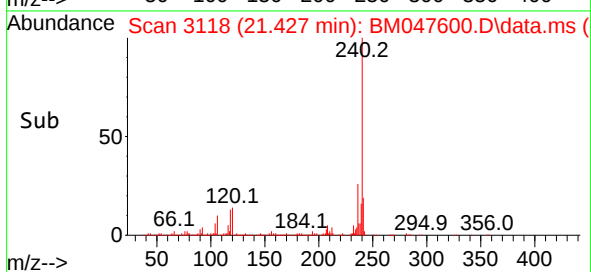
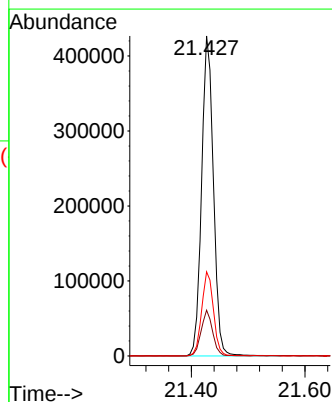
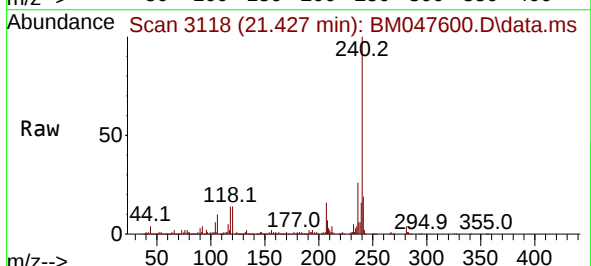
Tgt Ion:240 Resp: 616013

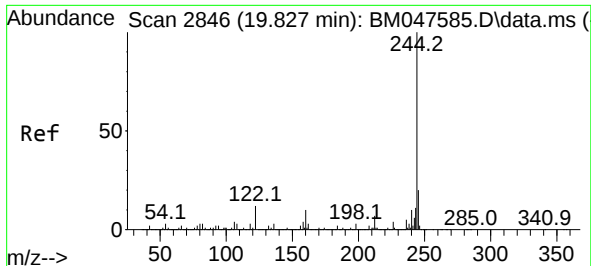
Ion Ratio Lower Upper

240 100

120 14.3 10.8 16.2

236 26.3 20.8 31.2

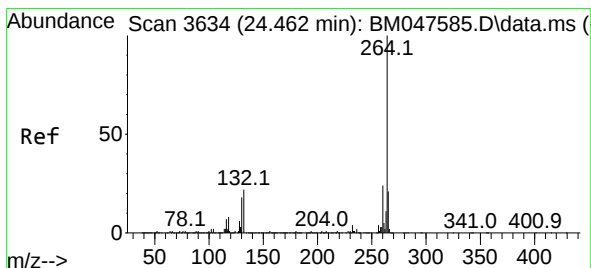
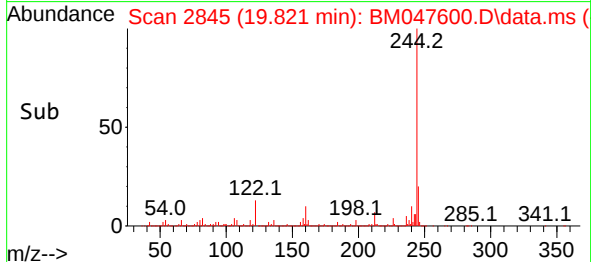
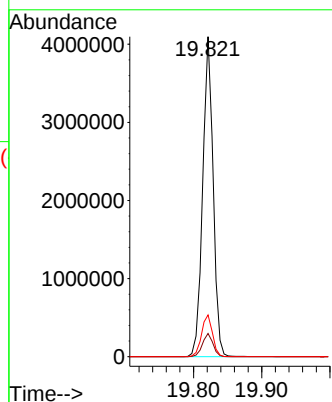
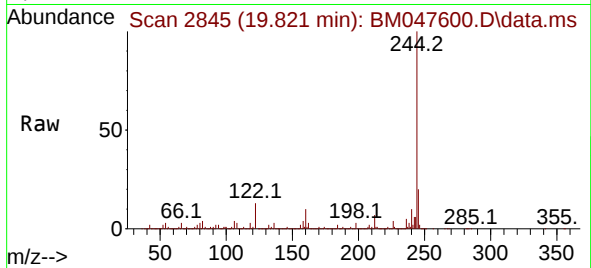




#79
 Terphenyl-d14
 Concen: 127.158 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047600.D
 Acq: 23 Sep 2024 11:04

Instrument :
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Tgt Ion:244 Resp: 4365635
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.1 10.0 15.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.450 min Scan# 3632
 Delta R.T. -0.012 min
 Lab File: BM047600.D
 Acq: 23 Sep 2024 11:04

Tgt Ion:264 Resp: 584879
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 21.5 17.0 25.6

