

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092324\
 Data File : BM047611.D
 Acq On : 23 Sep 2024 19:44
 Operator : RC/JU
 Sample : PB163606BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163606BL

Quant Time: Sep 23 23:44:28 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	523989	20.000	ng	0.00
21) Naphthalene-d8	10.633	136	2065973	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	1006932	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1913801	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1633711	20.000	ng	-0.01
86) Perylene-d12	24.450	264	1740940	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	5073421	148.376	ng	0.00
7) Phenol-d6	7.004	99	6307796	140.006	ng	0.00
23) Nitrobenzene-d5	8.992	82	3801101	91.589	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1491137	159.926	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	7207332	101.279	ng	-0.01
79) Terphenyl-d14	19.821	244	9635965	105.830	ng	0.00

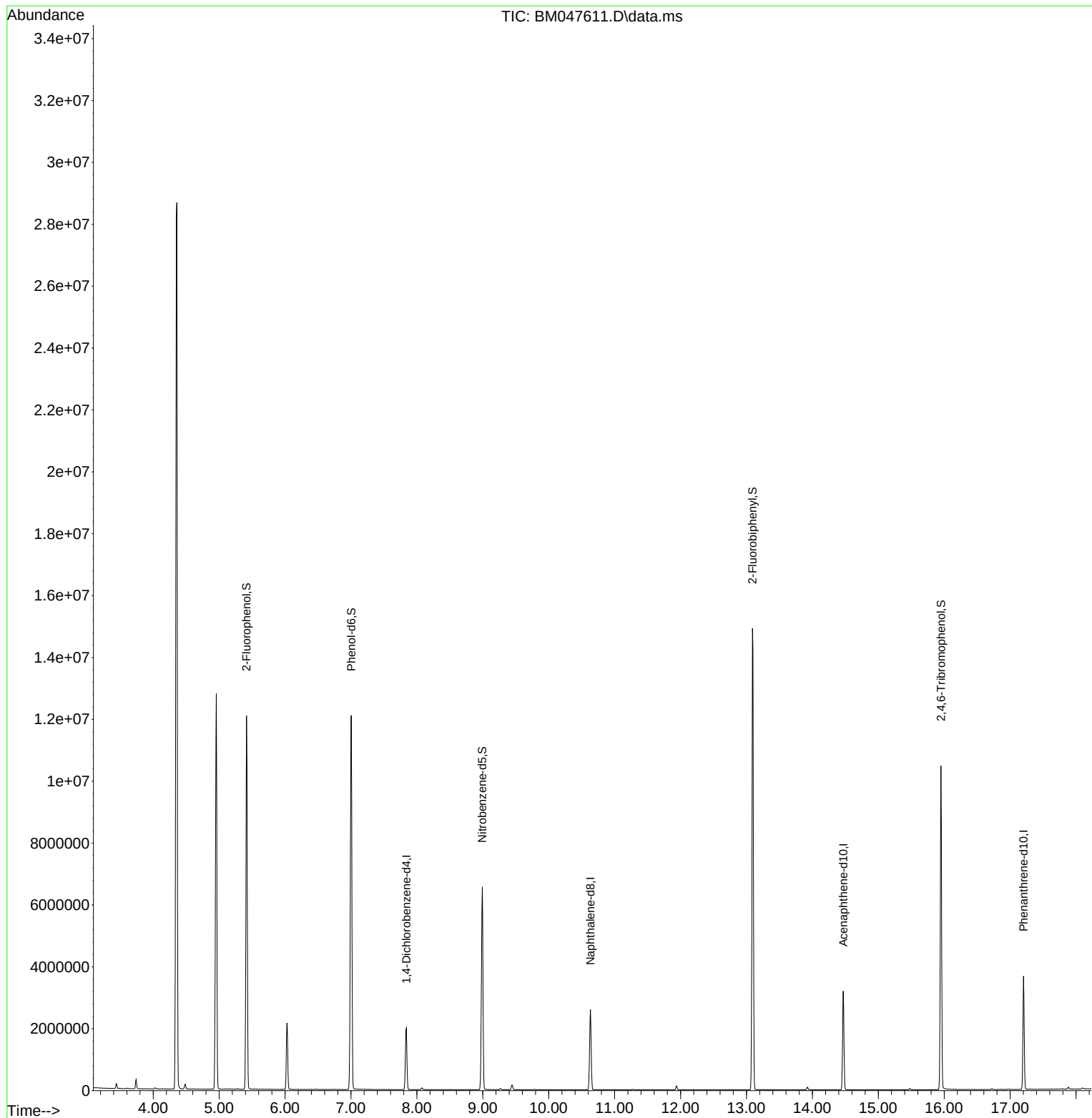
Target Compounds	Qvalue

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

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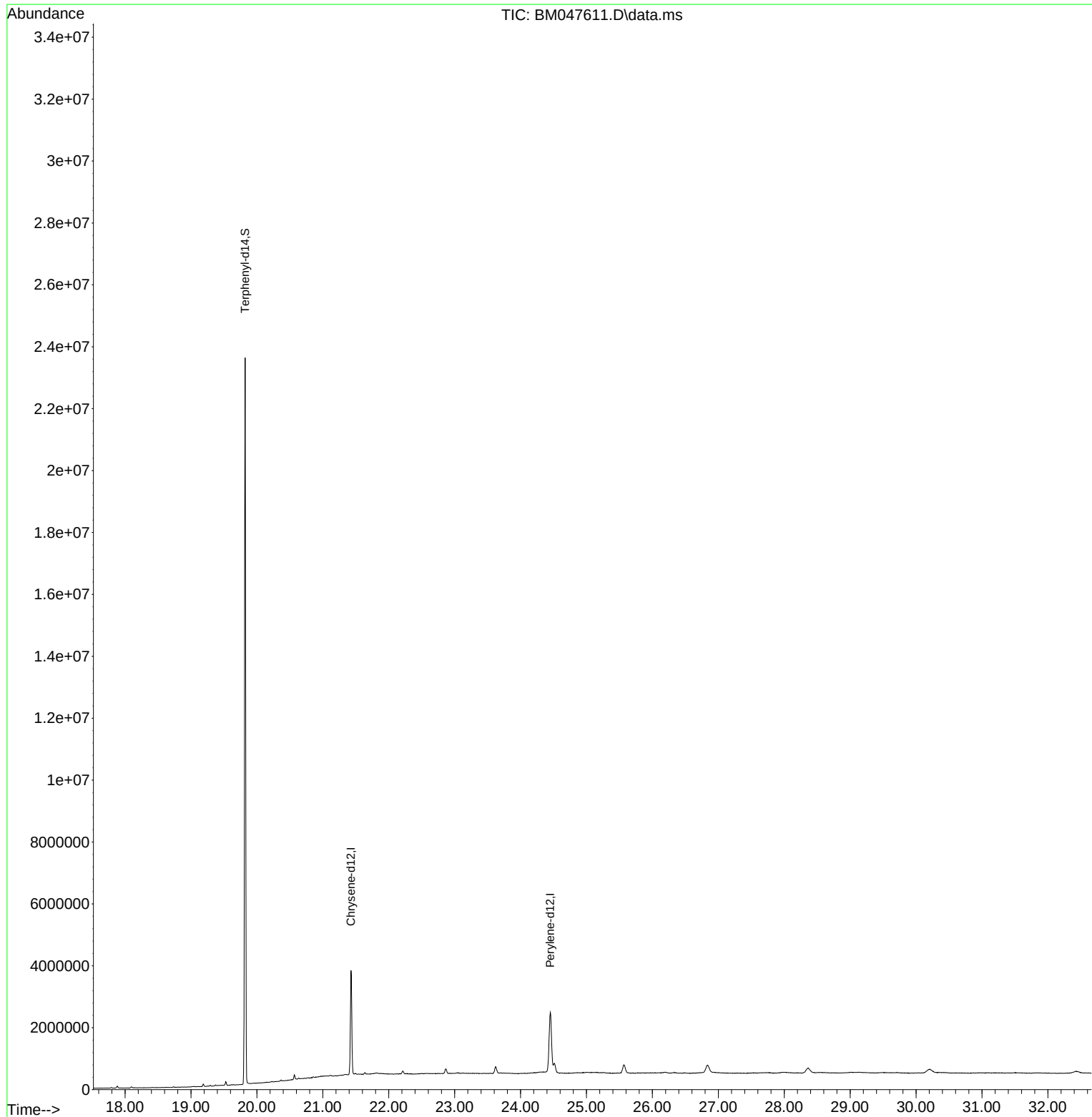
Quant Time: Sep 23 23:44:28 2024
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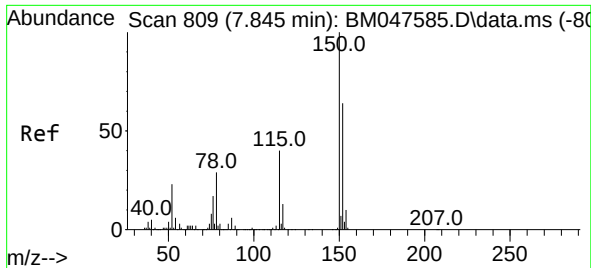


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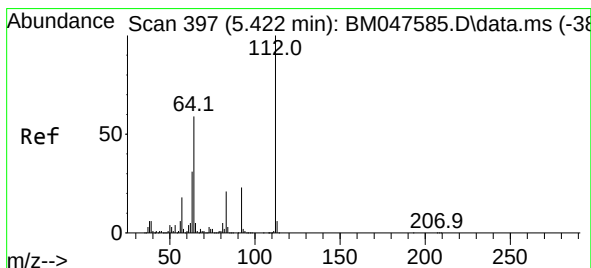
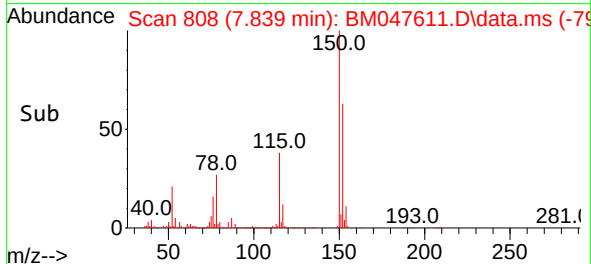
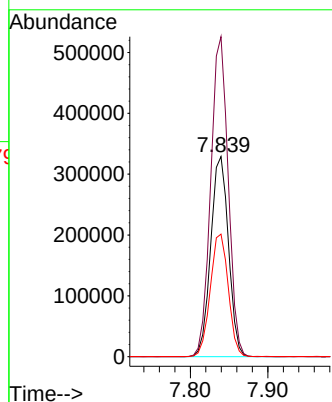
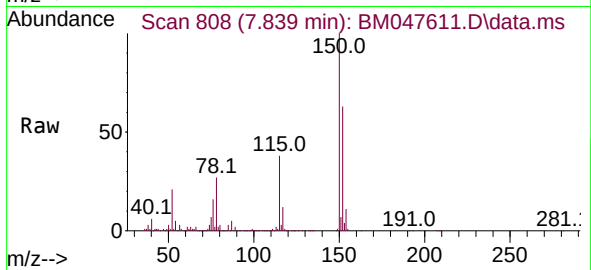




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 809
Delta R.T. -0.006 min
Lab File: BM047611.D
Acq: 23 Sep 2024 19:44

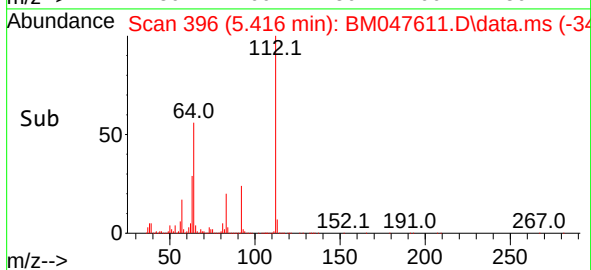
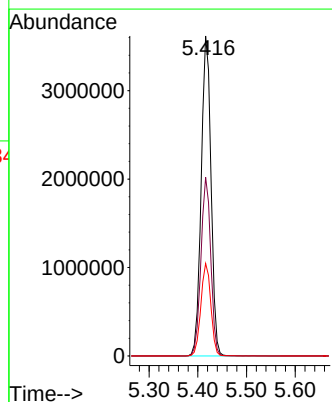
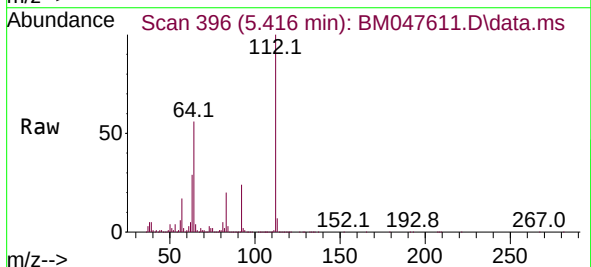
Instrument :
BNA_M
ClientSampleId :
PB163606BL

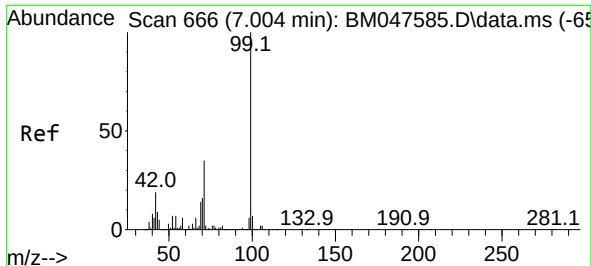
Tgt Ion:152 Resp: 523989
Ion Ratio Lower Upper
152 100
150 159.8 124.5 186.7
115 61.2 49.9 74.9



#5
2-Fluorophenol
Concen: 148.376 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM047611.D
Acq: 23 Sep 2024 19:44

Tgt Ion:112 Resp: 5073421
Ion Ratio Lower Upper
112 100
64 55.9 46.8 70.2
63 28.9 25.2 37.8

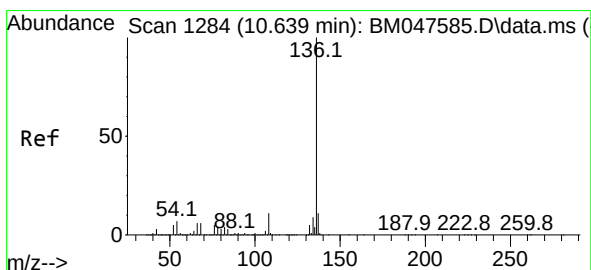
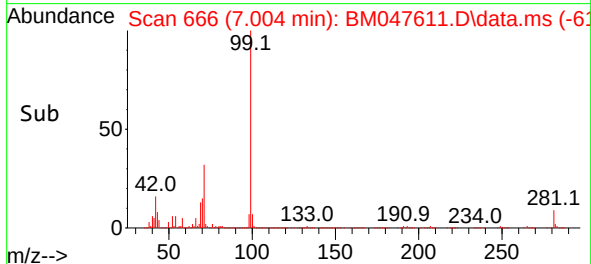
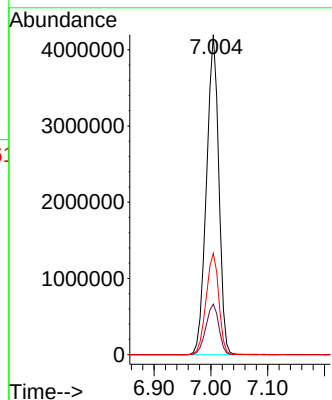
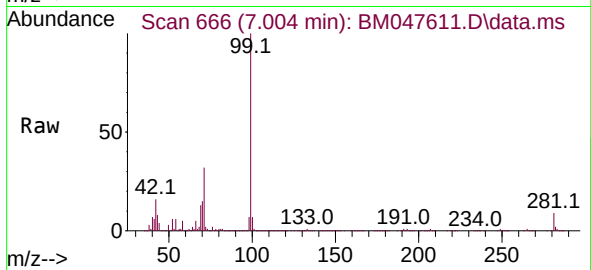




#7
Phenol-d6
Concen: 140.006 ng
RT: 7.004 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM047611.D
Acq: 23 Sep 2024 19:44

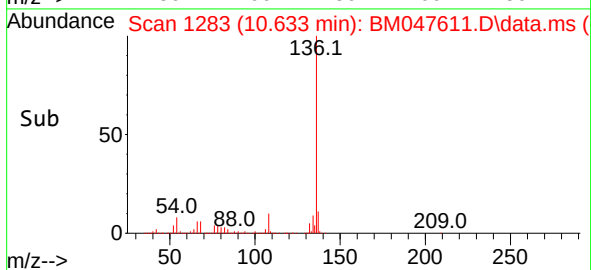
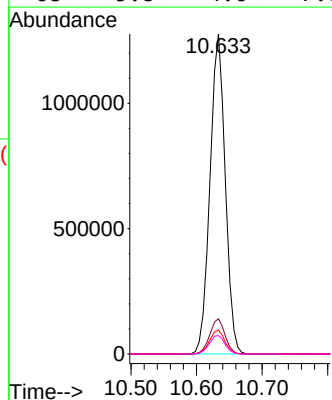
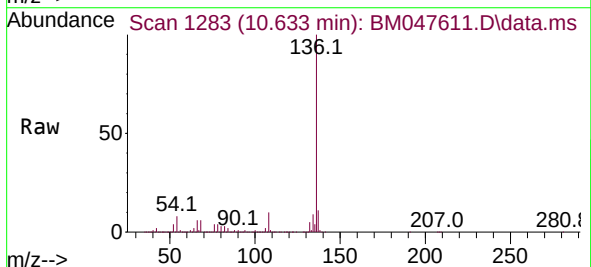
Instrument :
BNA_M
ClientSampleId :
PB163606BL

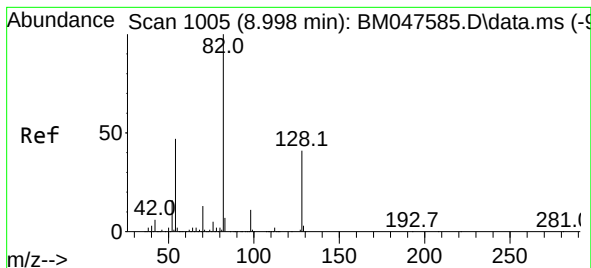
Tgt Ion: 99 Resp: 6307796
Ion Ratio Lower Upper
99 100
42 15.8 15.3 22.9
71 31.7 27.8 41.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM047611.D
Acq: 23 Sep 2024 19:44

Tgt Ion:136 Resp: 2065973
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.5 6.0 9.0
68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 91.589 ng

RT: 8.992 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BM047611.D

Acq: 23 Sep 2024 19:44

Instrument :

BNA_M

ClientSampleId :

PB163606BL

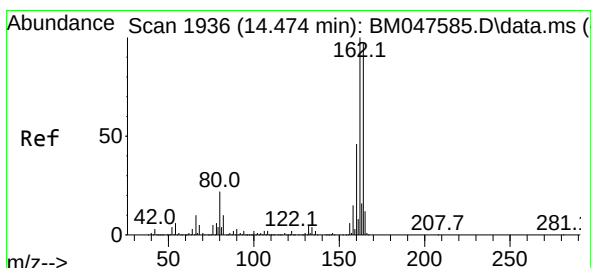
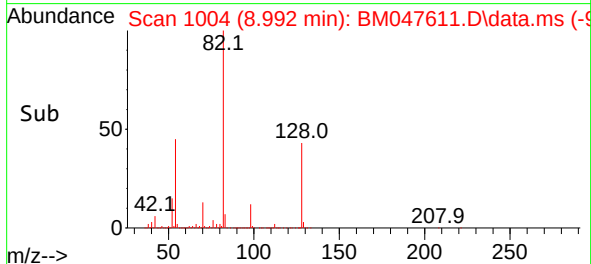
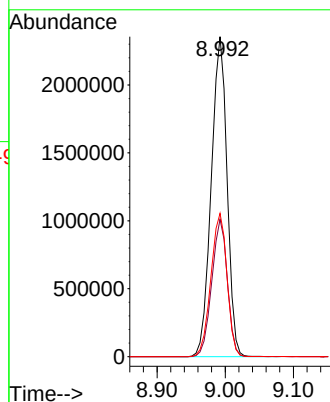
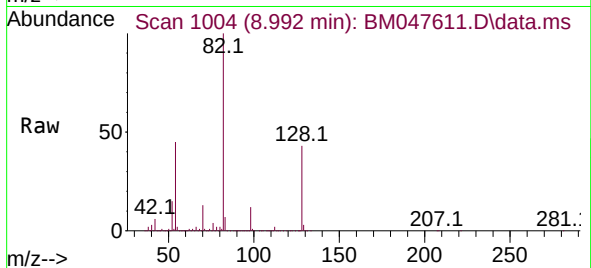
Tgt Ion: 82 Resp: 3801101

Ion Ratio Lower Upper

82 100

128 43.0 32.5 48.7

54 44.8 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: BM047611.D

Acq: 23 Sep 2024 19:44

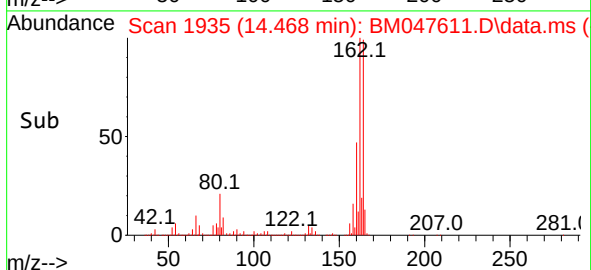
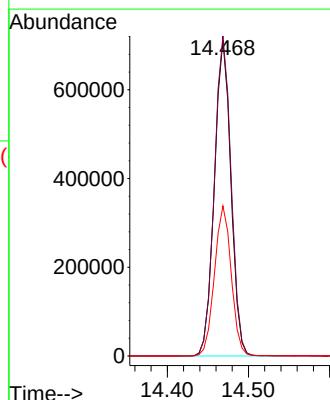
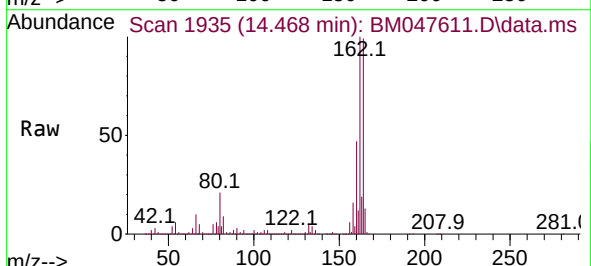
Tgt Ion: 164 Resp: 1006932

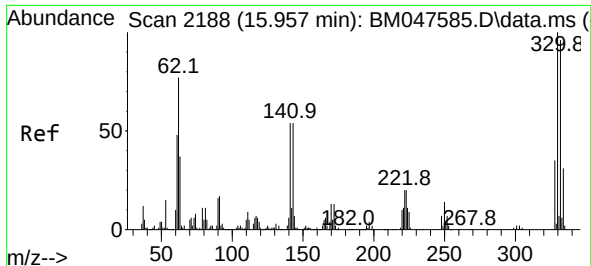
Ion Ratio Lower Upper

164 100

162 101.3 82.6 123.8

160 47.5 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 159.926 ng

RT: 15.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047611.D

Acq: 23 Sep 2024 19:44

Instrument :

BNA_M

ClientSampleId :

PB163606BL

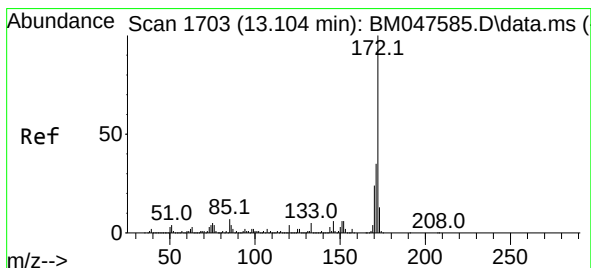
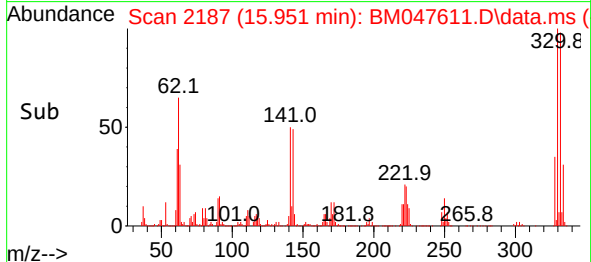
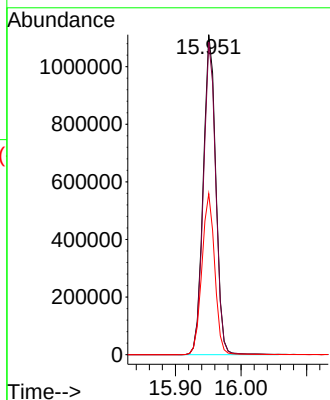
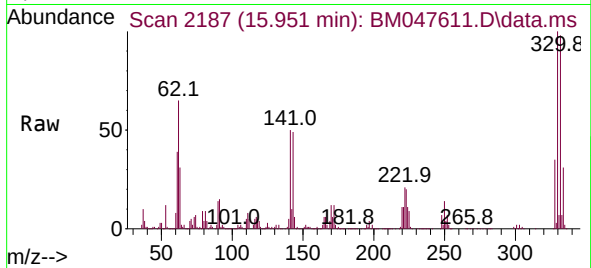
Tgt Ion:330 Resp: 1491137

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.4

141 51.2 45.9 68.9



#45

2-Fluorobiphenyl

Concen: 101.279 ng

RT: 13.092 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BM047611.D

Acq: 23 Sep 2024 19:44

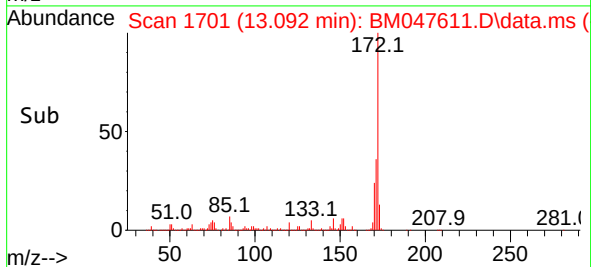
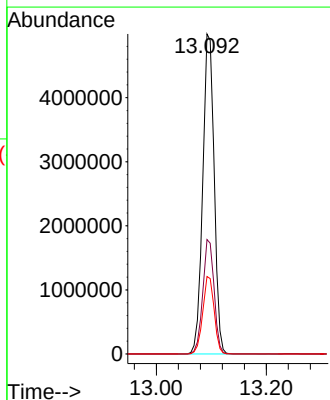
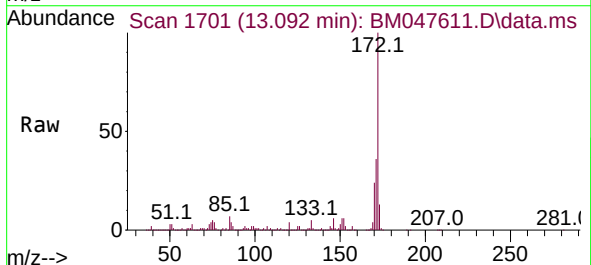
Tgt Ion:172 Resp: 7207332

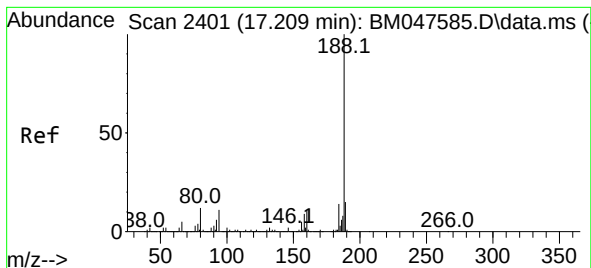
Ion Ratio Lower Upper

172 100

171 35.7 28.1 42.1

170 24.2 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: BM047611.D

Acq: 23 Sep 2024 19:44

Instrument :

BNA_M

ClientSampleId :

PB163606BL

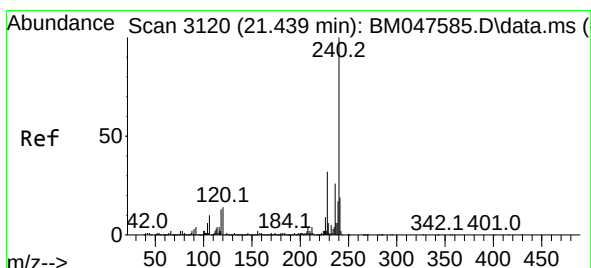
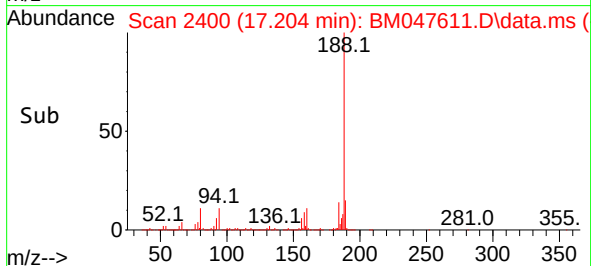
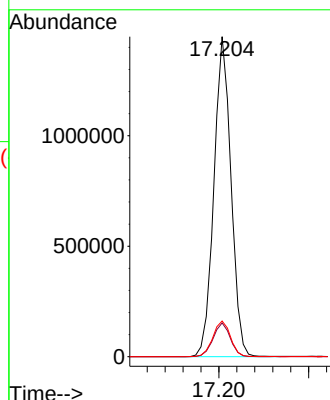
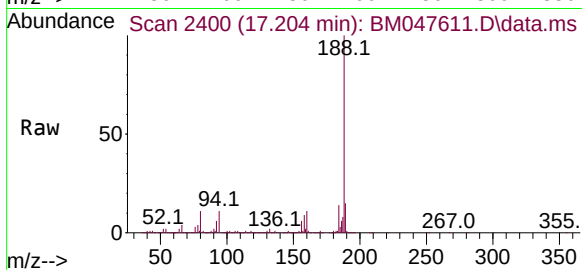
Tgt Ion:188 Resp: 1913801

Ion Ratio Lower Upper

188 100

94 10.5 8.6 13.0

80 11.2 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: BM047611.D

Acq: 23 Sep 2024 19:44

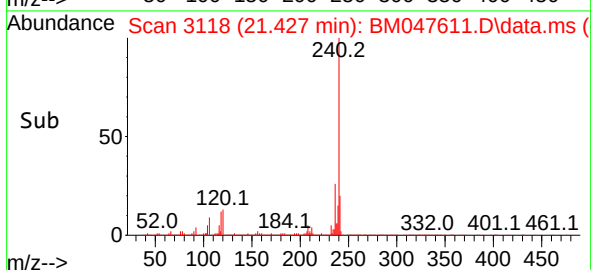
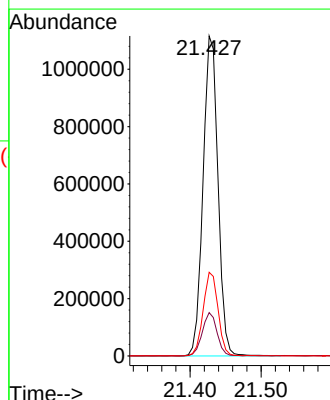
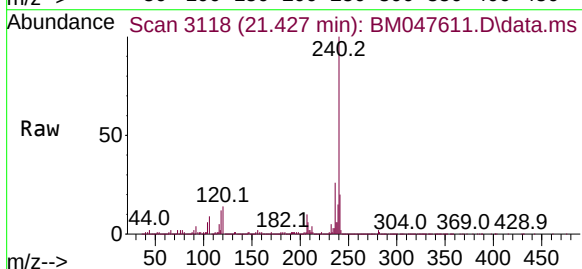
Tgt Ion:240 Resp: 1633711

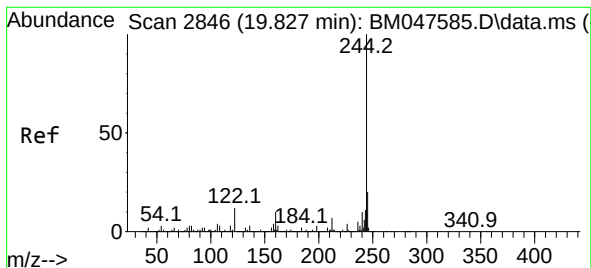
Ion Ratio Lower Upper

240 100

120 13.6 10.8 16.2

236 26.1 20.8 31.2





#79

Terphenyl-d14

Concen: 105.830 ng

RT: 19.821 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047611.D

Acq: 23 Sep 2024 19:44

Instrument :

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ClientSampleId :

PB163606BL

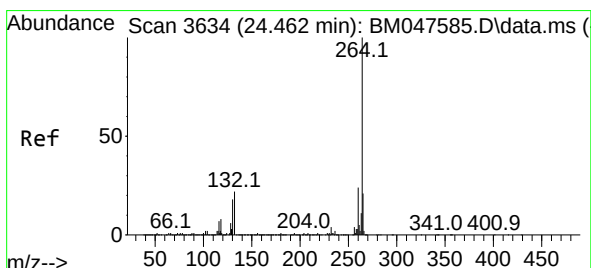
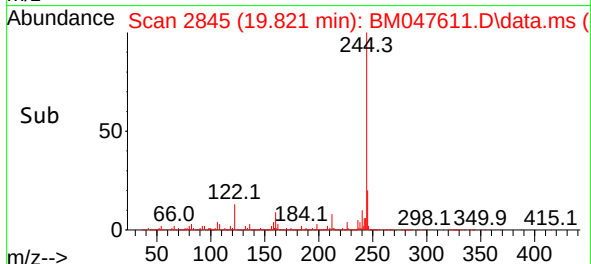
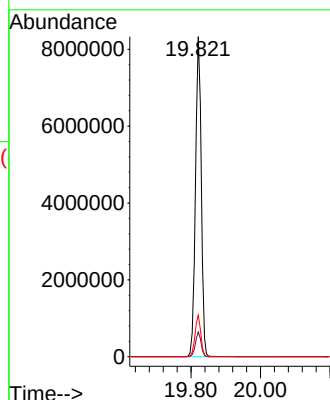
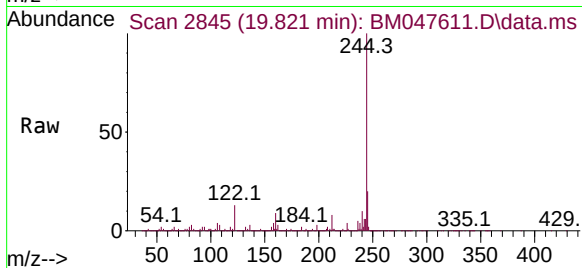
Tgt Ion:244 Resp: 9635965

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 13.0 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: BM047611.D

Acq: 23 Sep 2024 19:44

Tgt Ion:264 Resp: 1740940

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.5 17.0 25.6

