

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102324\
 Data File : BM048209.D
 Acq On : 23 Oct 2024 18:25
 Operator : RC/JU
 Sample : PB164286BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB164286BL

Quant Time: Oct 24 01:01:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 18:21:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	158631	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	584492	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	345617	20.000	ng	0.00
64) Phenanthrene-d10	17.110	188	674329	20.000	ng	0.00
76) Chrysene-d12	21.333	240	563717	20.000	ng	0.00
86) Perylene-d12	24.286	264	638791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1501590	159.117	ng	0.00
7) Phenol-d6	6.904	99	1770057	144.024	ng	0.00
23) Nitrobenzene-d5	8.881	82	1049093	101.344	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	602159	142.342	ng	0.00
45) 2-Fluorobiphenyl	12.986	172	2305028	102.340	ng	0.00
79) Terphenyl-d14	19.733	244	3044307	110.208	ng	0.00

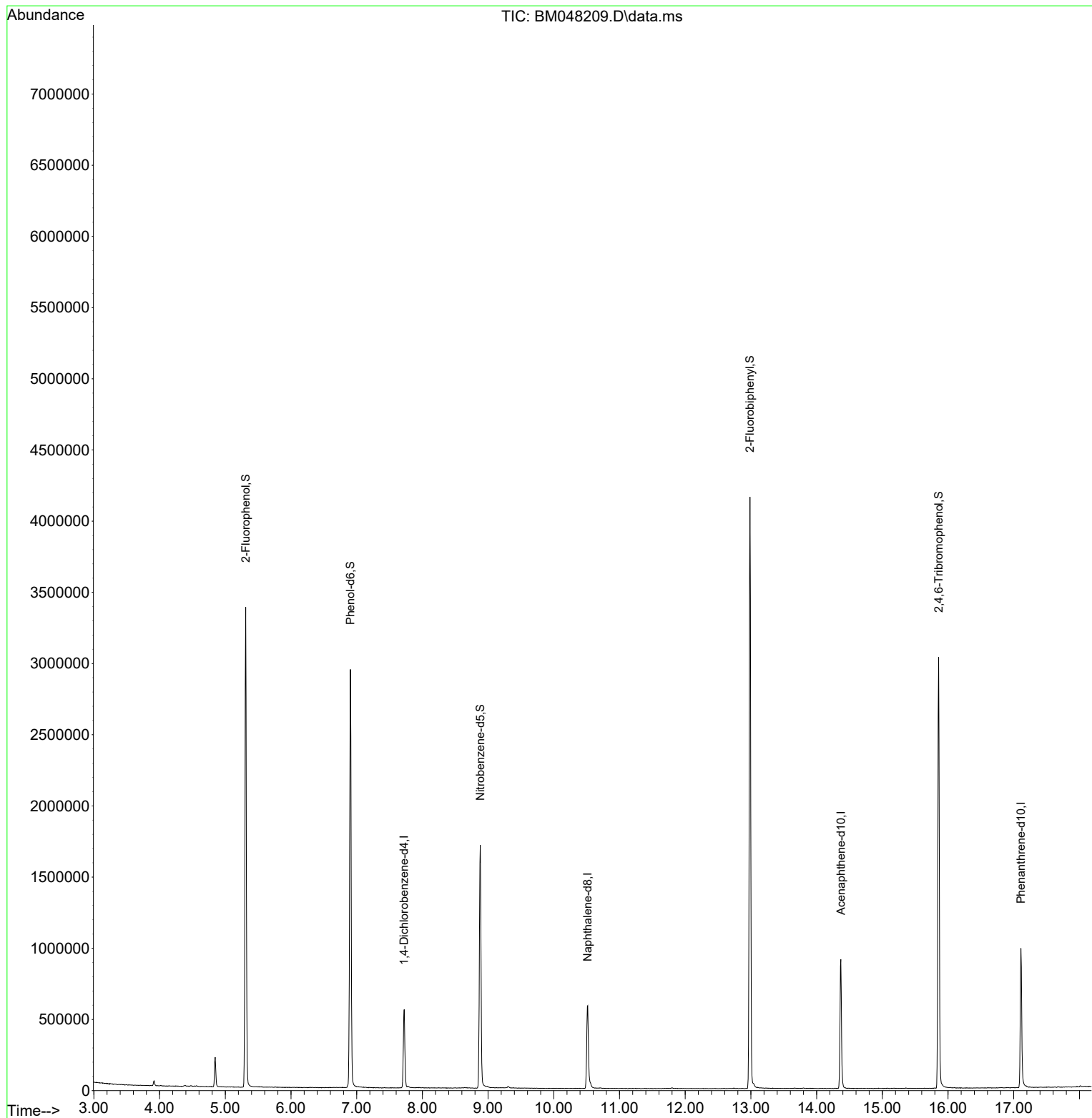
Target Compounds	Qvalue

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

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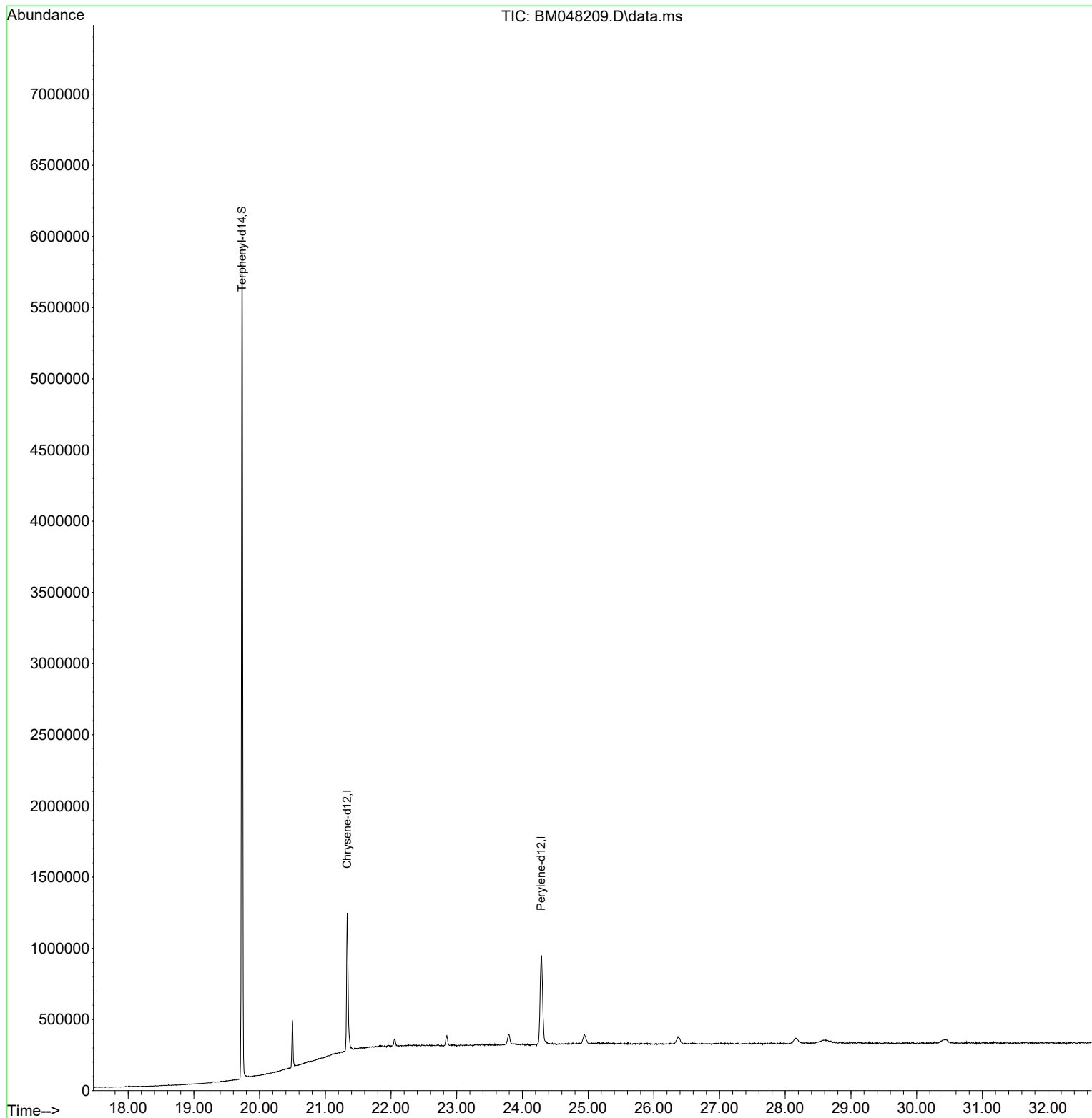
Quant Time: Oct 24 01:01:28 2024
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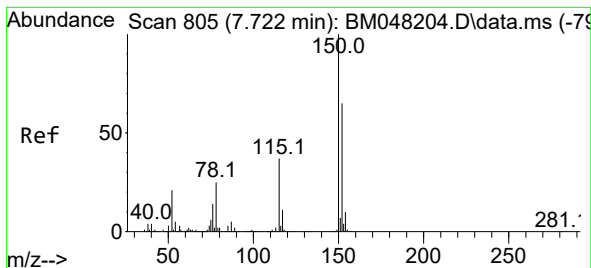


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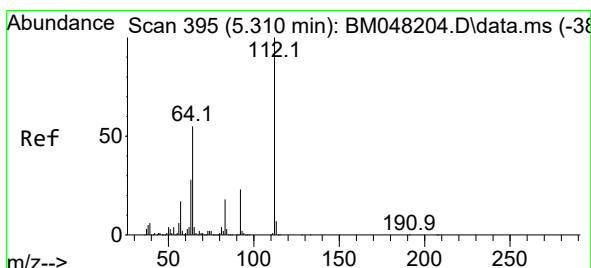
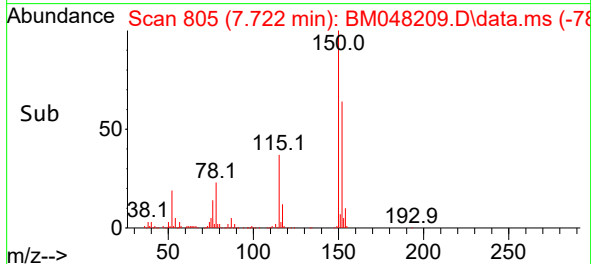
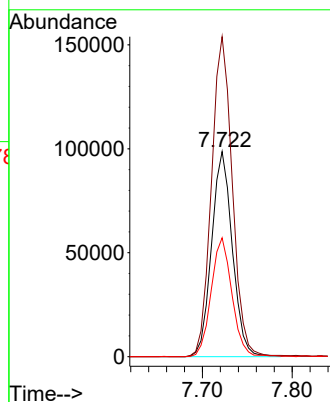
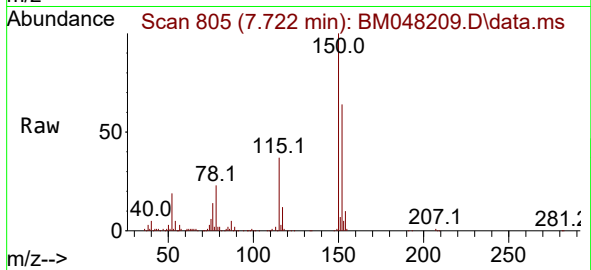




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM048209.D
Acq: 23 Oct 2024 18:25

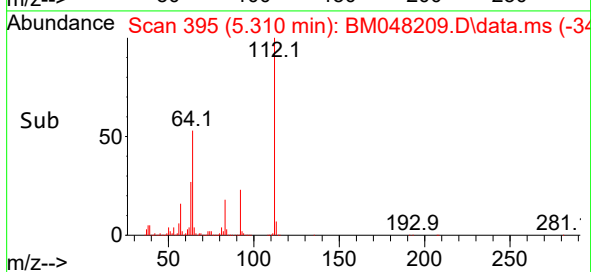
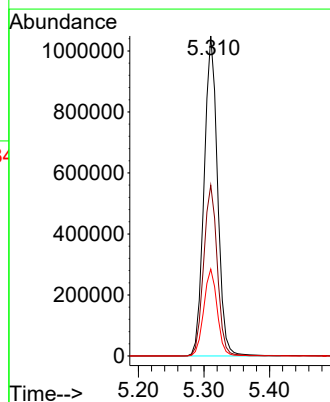
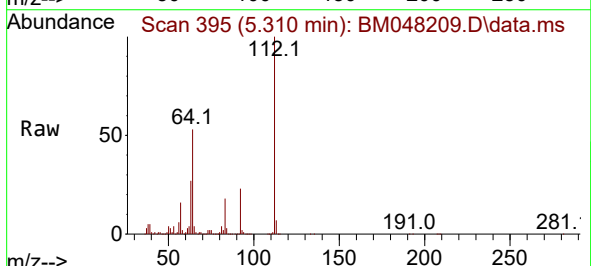
Instrument :
BNA_M
ClientSampleId :
PB164286BL

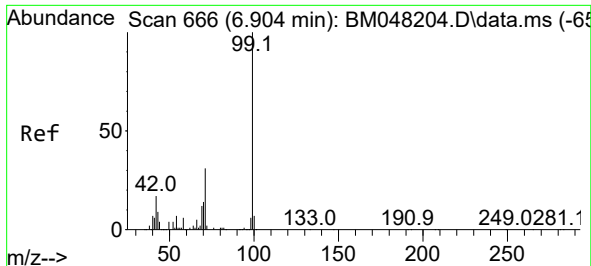
Tgt Ion:152 Resp: 158631
Ion Ratio Lower Upper
152 100
150 156.0 123.0 184.6
115 57.9 45.8 68.6



#5
2-Fluorophenol
Concen: 159.117 ng
RT: 5.310 min Scan# 395
Delta R.T. 0.000 min
Lab File: BM048209.D
Acq: 23 Oct 2024 18:25

Tgt Ion:112 Resp: 1501590
Ion Ratio Lower Upper
112 100
64 53.3 44.2 66.2
63 27.2 22.7 34.1

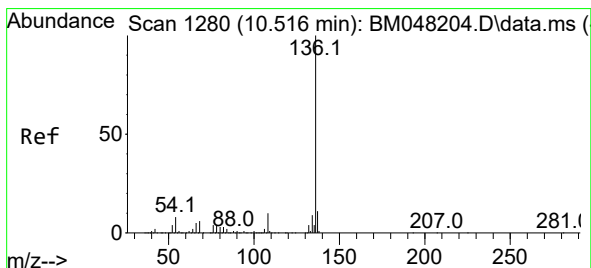
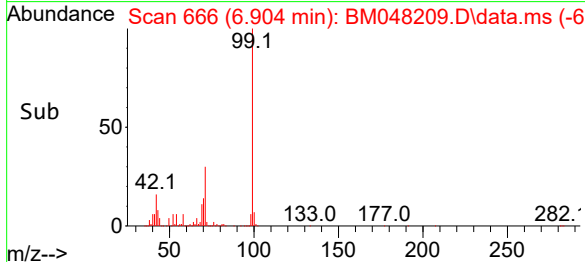
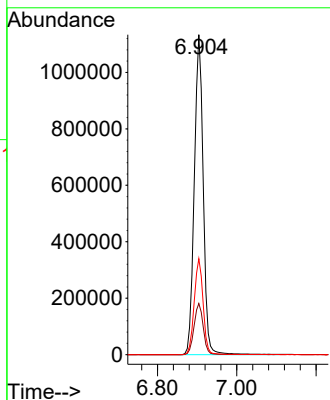
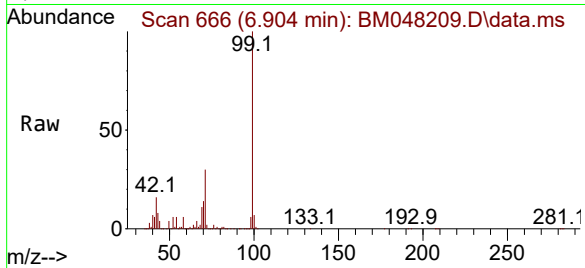




#7
Phenol-d6
Concen: 144.024 ng
RT: 6.904 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM048209.D
Acq: 23 Oct 2024 18:25

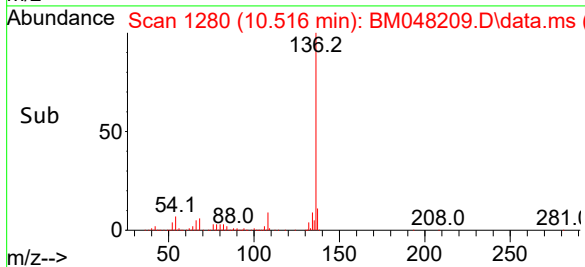
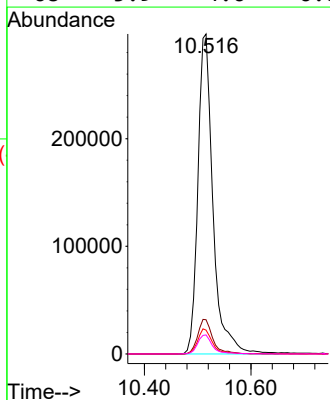
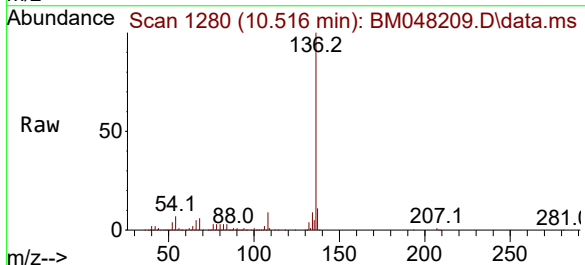
Instrument :
BNA_M
ClientSampleId :
PB164286BL

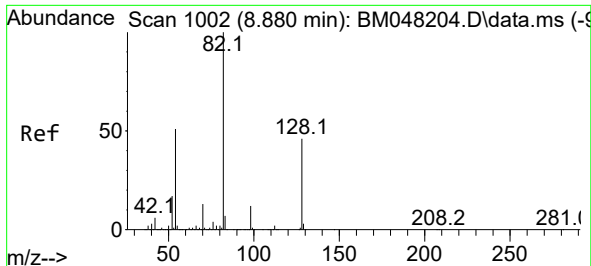
Tgt Ion: 99 Resp: 1770057
Ion Ratio Lower Upper
99 100
42 16.0 13.8 20.8
71 30.0 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BM048209.D
Acq: 23 Oct 2024 18:25

Tgt Ion: 136 Resp: 584492
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.5 6.5 9.7
68 5.9 4.6 6.8

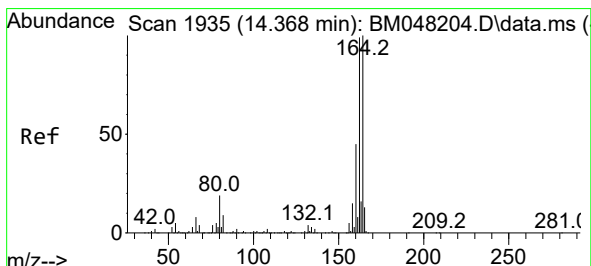
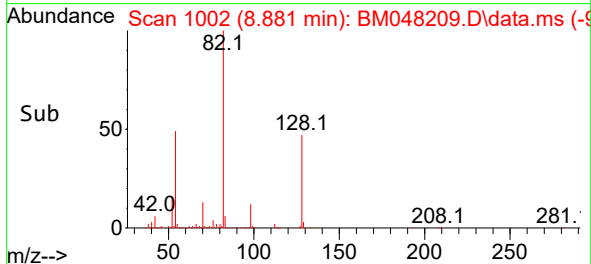
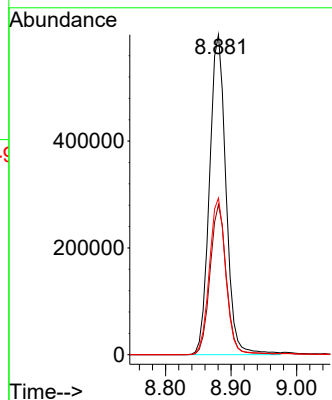
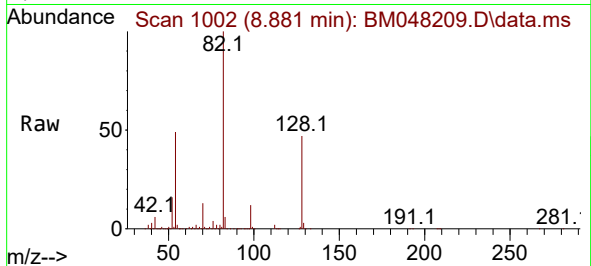




#23
Nitrobenzene-d5
Concen: 101.344 ng
RT: 8.881 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM048209.D
Acq: 23 Oct 2024 18:25

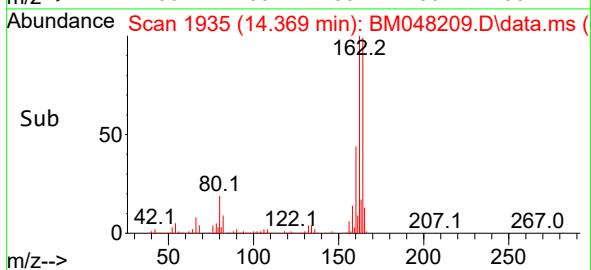
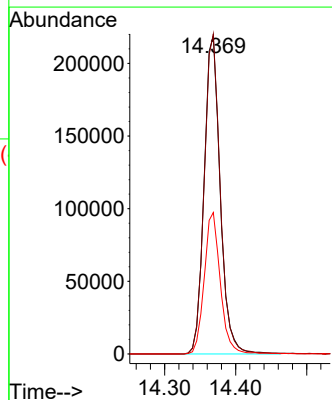
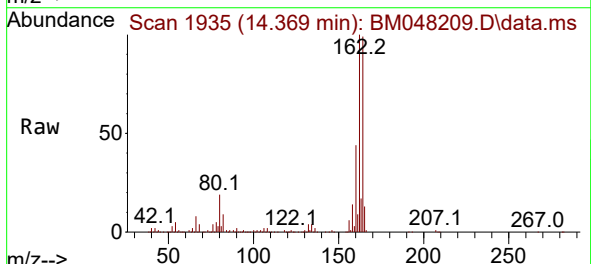
Instrument :
BNA_M
ClientSampleId :
PB164286BL

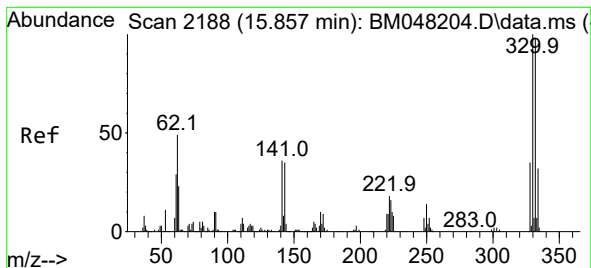
Tgt Ion: 82 Resp: 1049093
Ion Ratio Lower Upper
82 100
128 46.9 36.6 54.8
54 49.0 41.0 61.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BM048209.D
Acq: 23 Oct 2024 18:25

Tgt Ion:164 Resp: 345617
Ion Ratio Lower Upper
164 100
162 100.7 79.1 118.7
160 44.5 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 142.342 ng

RT: 15.857 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM048209.D

Acq: 23 Oct 2024 18:25

Instrument :

BNA_M

ClientSampleId :

PB164286BL

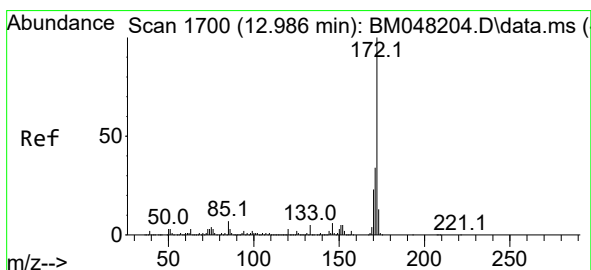
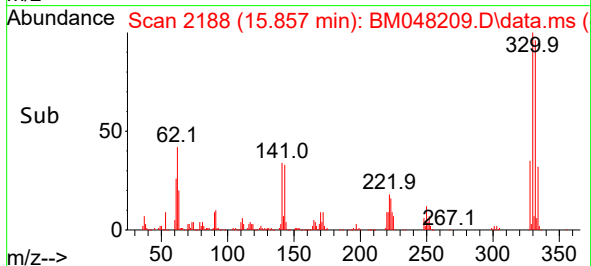
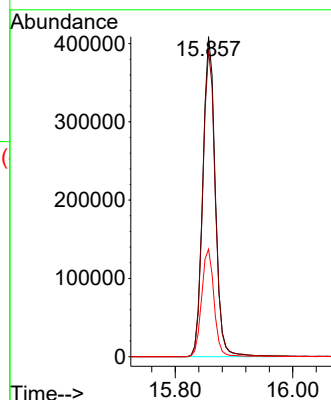
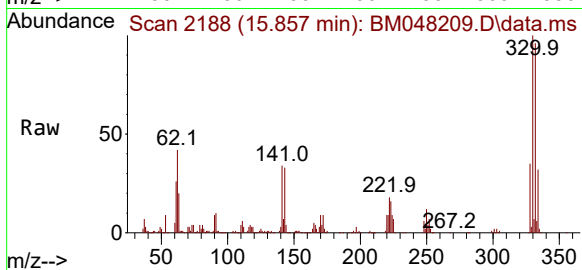
Tgt Ion:330 Resp: 602159

Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

141 33.5 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 102.340 ng

RT: 12.986 min Scan# 1700

Delta R.T. 0.000 min

Lab File: BM048209.D

Acq: 23 Oct 2024 18:25

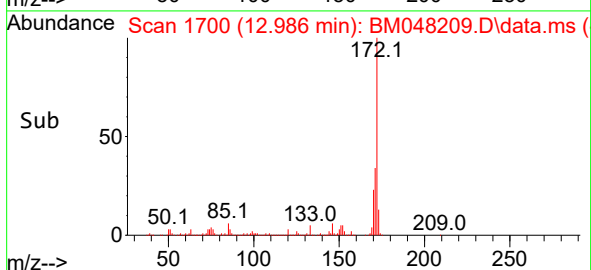
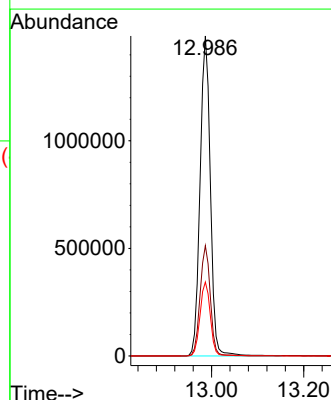
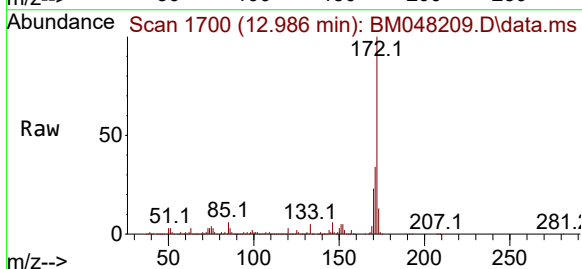
Tgt Ion:172 Resp: 2305028

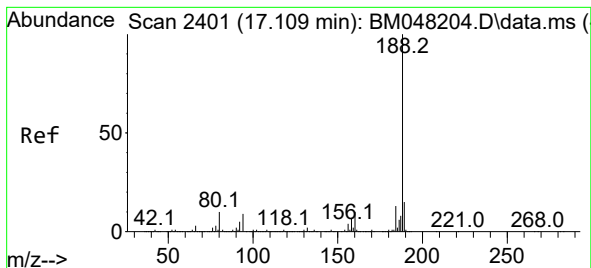
Ion Ratio Lower Upper

172 100

171 34.4 27.4 41.0

170 23.1 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.110 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM048209.D

Acq: 23 Oct 2024 18:25

Instrument :

BNA_M

ClientSampleId :

PB164286BL

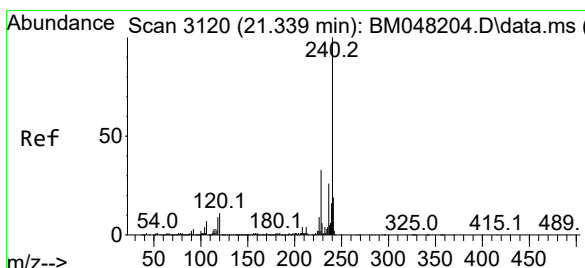
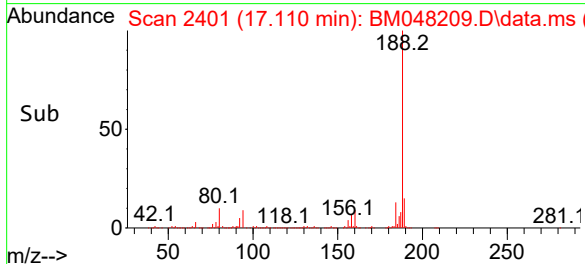
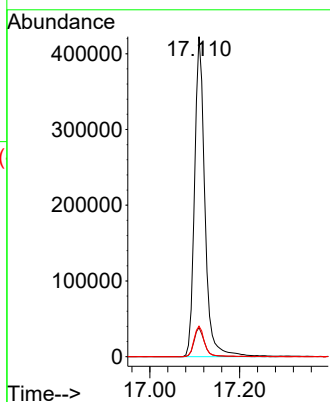
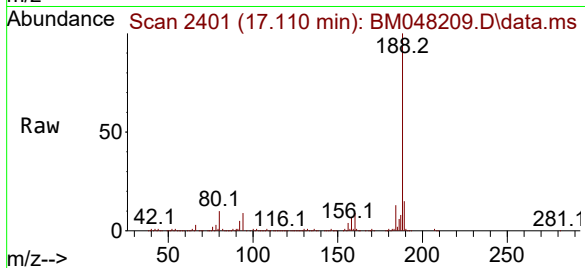
Tgt Ion:188 Resp: 674329

Ion Ratio Lower Upper

188 100

94 9.1 7.3 10.9

80 9.6 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.333 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM048209.D

Acq: 23 Oct 2024 18:25

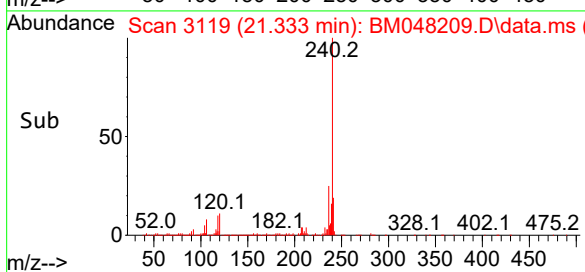
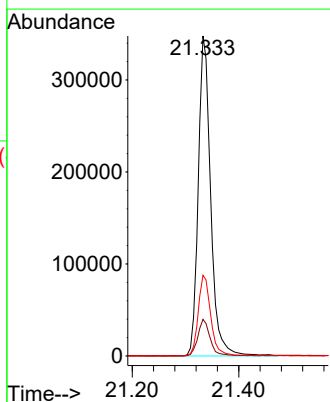
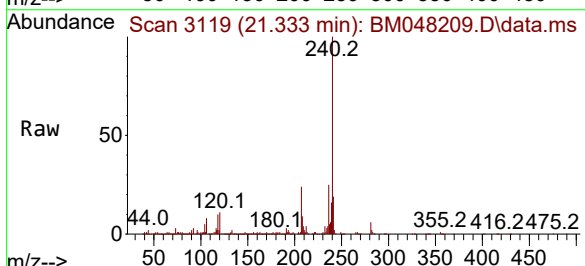
Tgt Ion:240 Resp: 563717

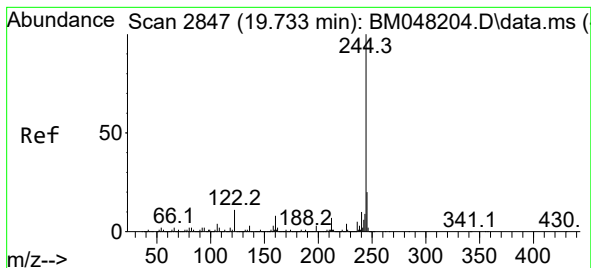
Ion Ratio Lower Upper

240 100

120 11.4 8.6 13.0

236 25.2 20.7 31.1





#79

Terphenyl-d14

Concen: 110.208 ng

RT: 19.733 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM048209.D

Acq: 23 Oct 2024 18:25

Instrument :

BNA_M

ClientSampleId :

PB164286BL

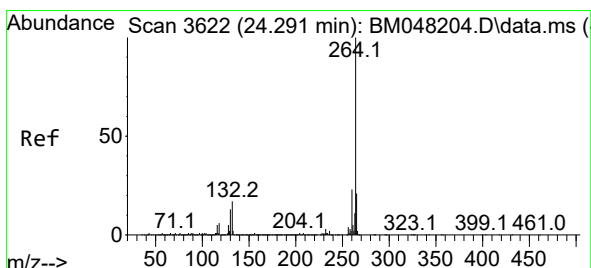
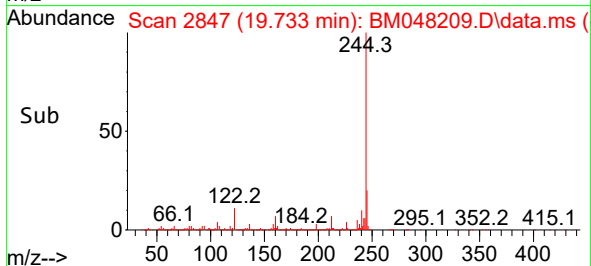
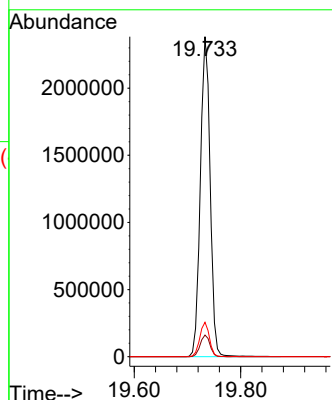
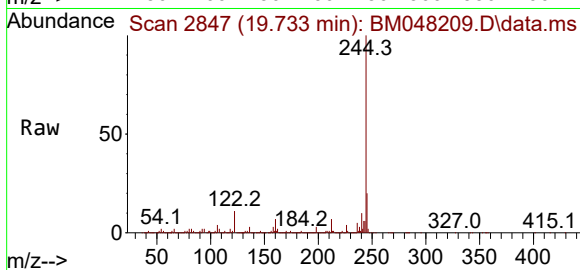
Tgt Ion:244 Resp: 3044307

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.8 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.286 min Scan# 3621

Delta R.T. -0.006 min

Lab File: BM048209.D

Acq: 23 Oct 2024 18:25

Tgt Ion:264 Resp: 638791

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 22.0 17.4 26.2

