

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
 Data File : BM048225.D
 Acq On : 24 Oct 2024 20:26
 Operator : RC/JU
 Sample : PB164366BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB164366BL

Quant Time: Oct 25 00:00:26 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	7.716	152	217658	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	789248	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	473893	20.000	ng	0.00
64) Phenanthrene-d10	17.110	188	888629	20.000	ng	0.00
76) Chrysene-d12	21.333	240	683470	20.000	ng	0.00
86) Perylene-d12	24.286	264	722400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1849767	142.855	ng	0.00
7) Phenol-d6	6.898	99	2235740	132.581	ng	0.00
23) Nitrobenzene-d5	8.875	82	1285890	91.993	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	724027	124.822	ng	0.00
45) 2-Fluorobiphenyl	12.980	172	2890105	93.583	ng	0.00
79) Terphenyl-d14	19.733	244	3440075	102.715	ng	0.00

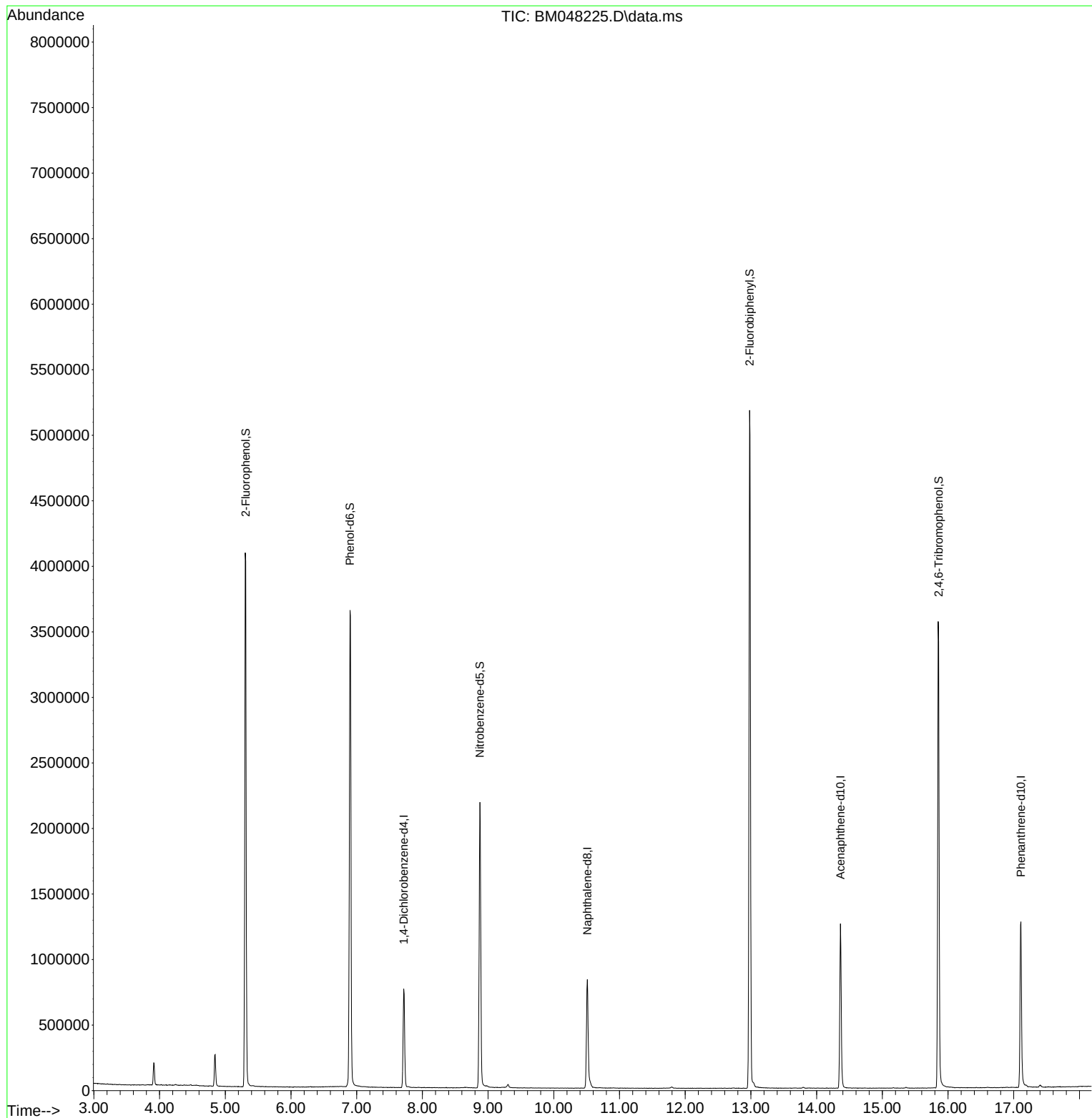
Target Compounds	Qvalue

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

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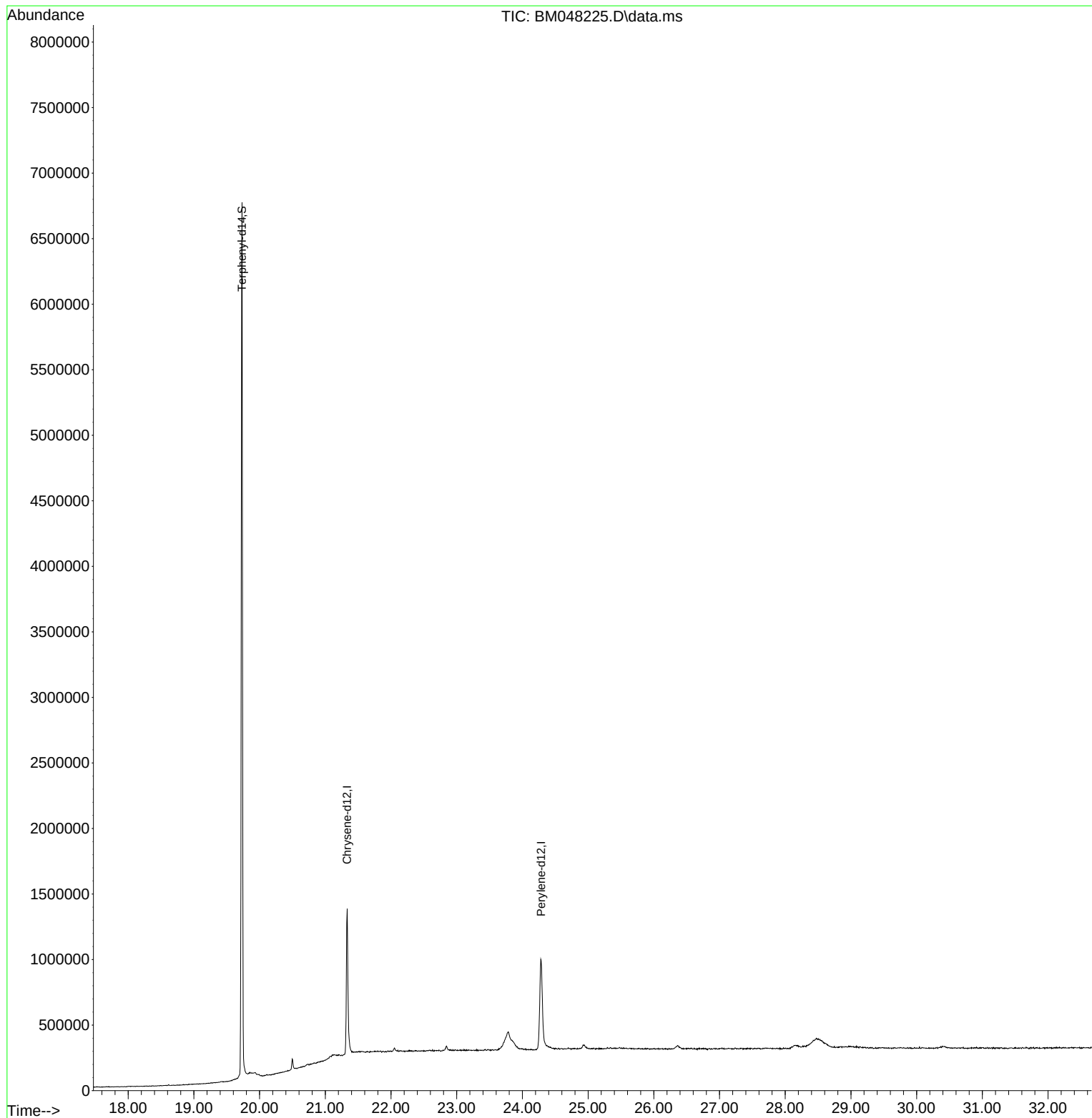
Quant Time: Oct 25 00:00:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
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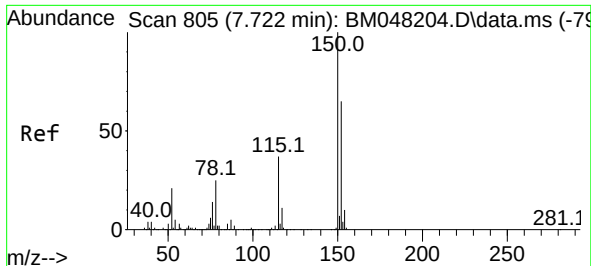


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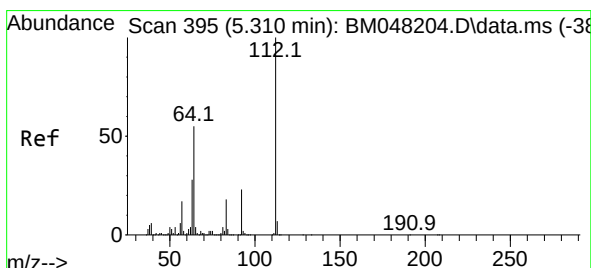
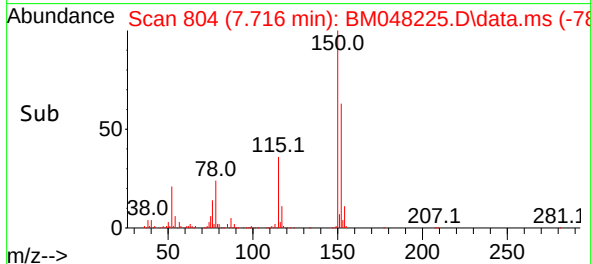
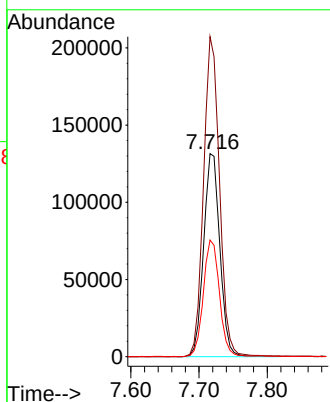
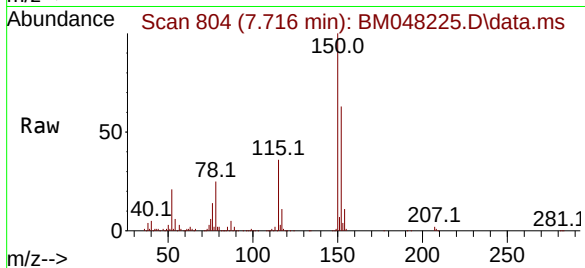




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 805
Delta R.T. -0.006 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

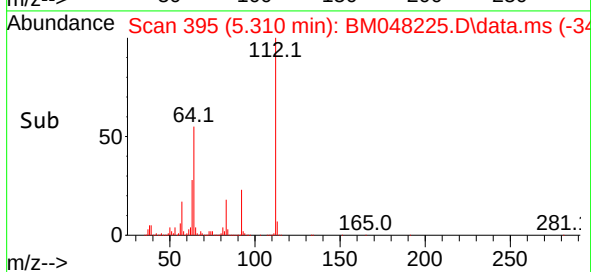
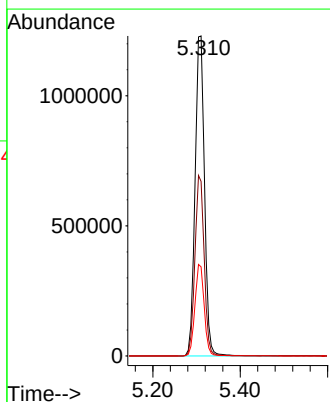
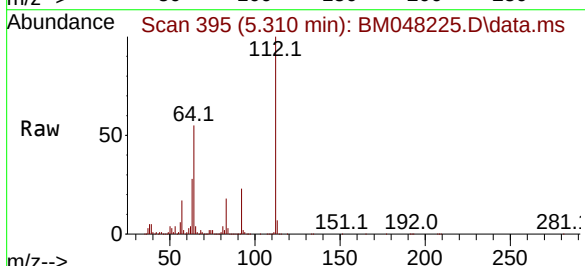
Instrument :
BNA_M
ClientSampleId :
PB164366BL

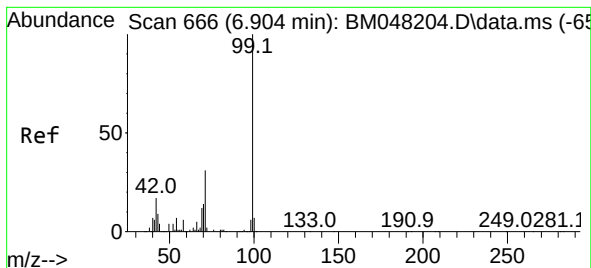
Tgt Ion:152 Resp: 217658
Ion Ratio Lower Upper
152 100
150 157.6 123.0 184.6
115 57.5 45.8 68.6



#5
2-Fluorophenol
Concen: 142.855 ng
RT: 5.310 min Scan# 395
Delta R.T. 0.000 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

Tgt Ion:112 Resp: 1849767
Ion Ratio Lower Upper
112 100
64 54.5 44.2 66.2
63 27.9 22.7 34.1





#7

Phenol-d6

Concen: 132.581 ng

RT: 6.898 min Scan# 6

Delta R.T. -0.006 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

Instrument :

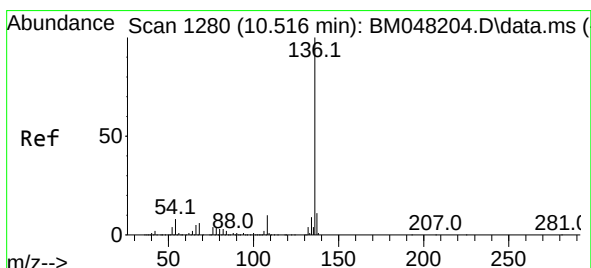
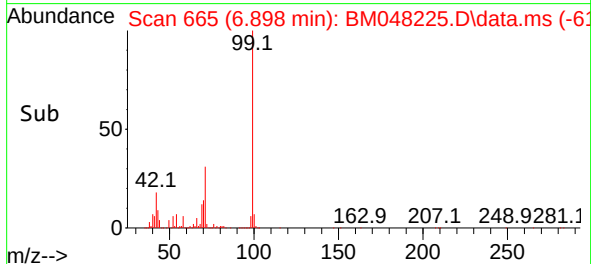
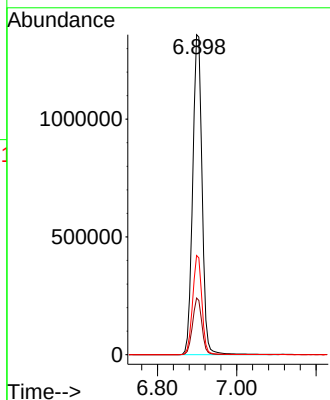
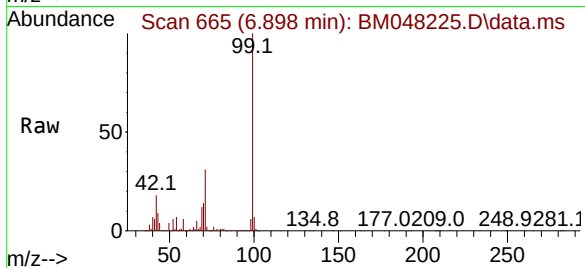
BNA_M

ClientSampleId :

PB164366BL

Tgt Ion: 99 Resp: 2235740

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.8	20.8
71	31.0	24.9	37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.510 min Scan# 1279

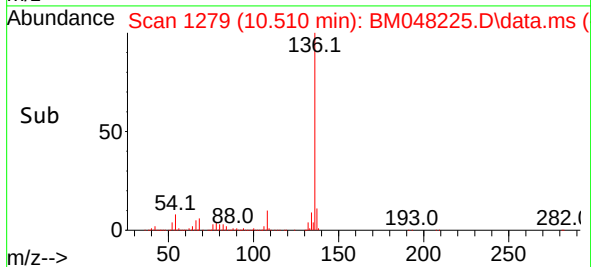
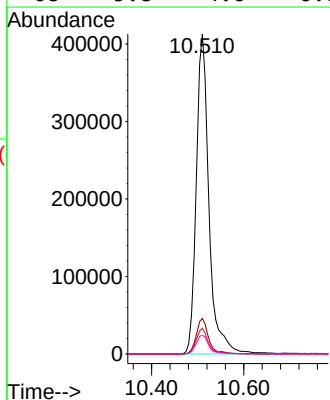
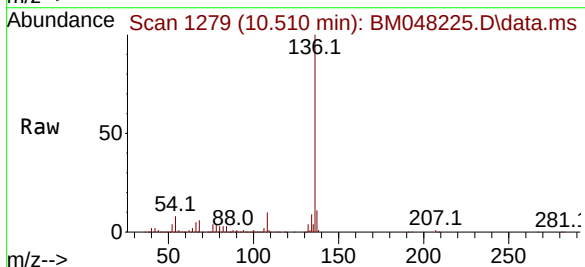
Delta R.T. -0.006 min

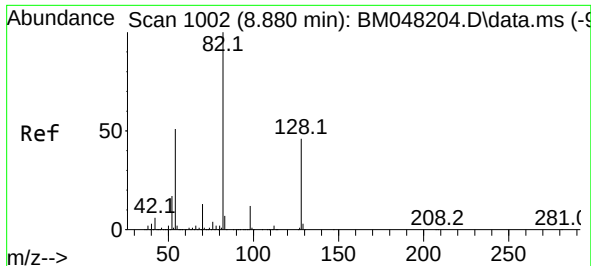
Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

Tgt Ion: 136 Resp: 789248

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.1	6.5	9.7
68	5.8	4.6	6.8

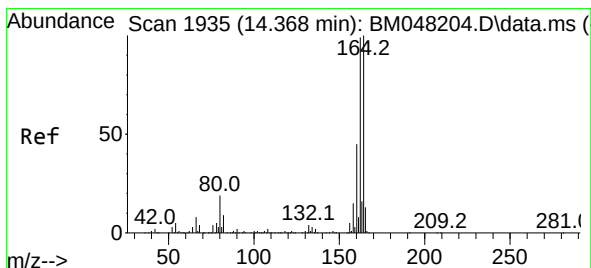
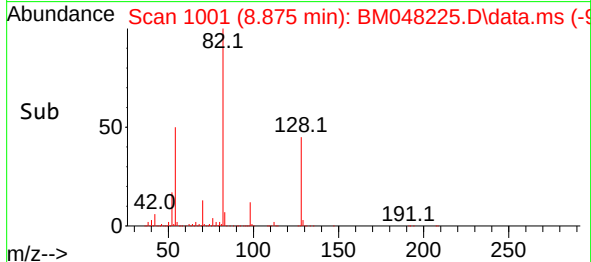
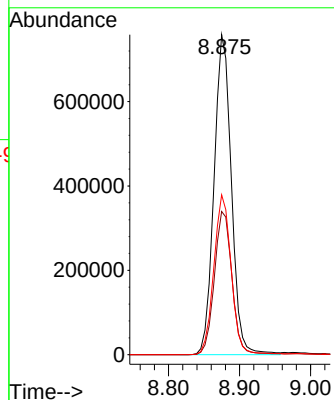
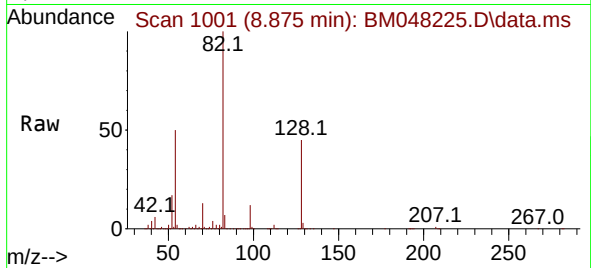




#23
Nitrobenzene-d5
Concen: 91.993 ng
RT: 8.875 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

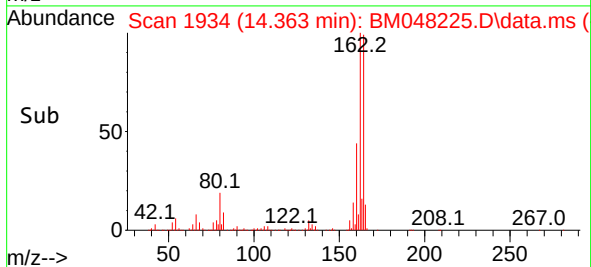
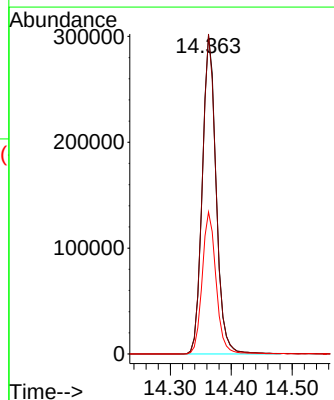
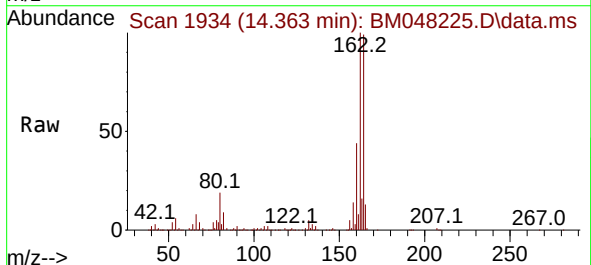
Instrument :
BNA_M
ClientSampleId :
PB164366BL

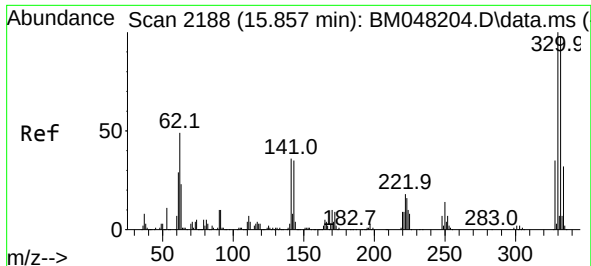
Tgt Ion: 82 Resp: 1285890
Ion Ratio Lower Upper
82 100
128 44.8 36.6 54.8
54 50.0 41.0 61.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

Tgt Ion:164 Resp: 473893
Ion Ratio Lower Upper
164 100
162 100.5 79.1 118.7
160 44.6 35.8 53.8

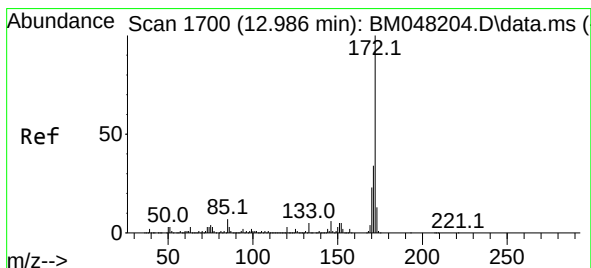
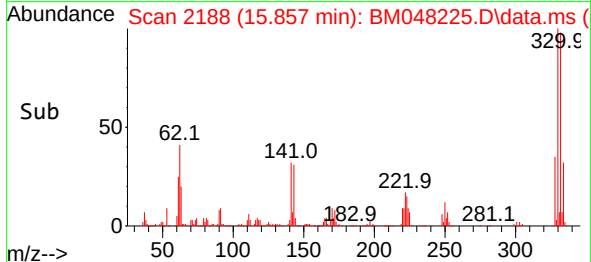
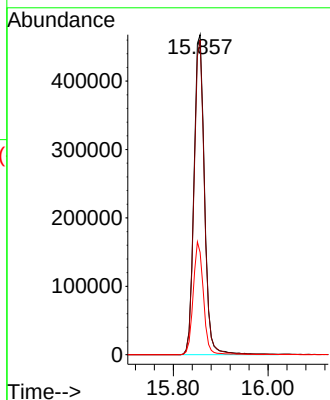
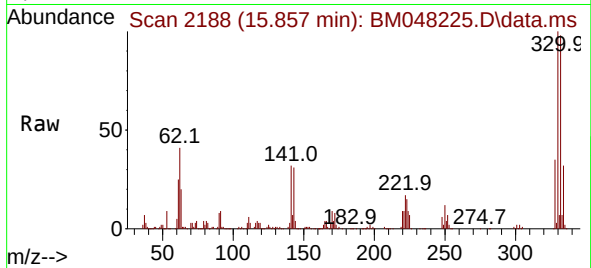




#42
2,4,6-Tribromophenol
Concen: 124.822 ng
RT: 15.857 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

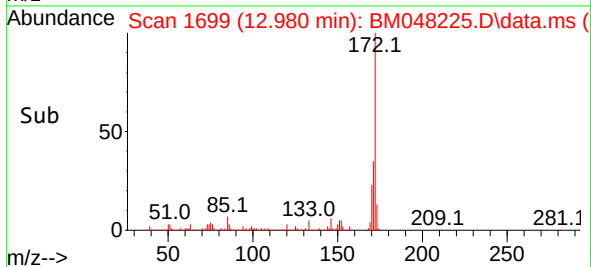
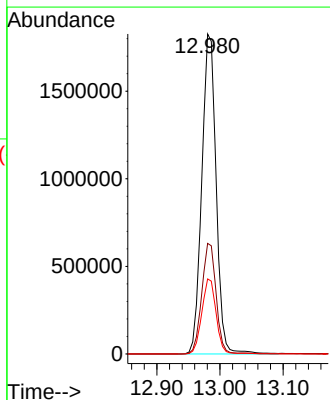
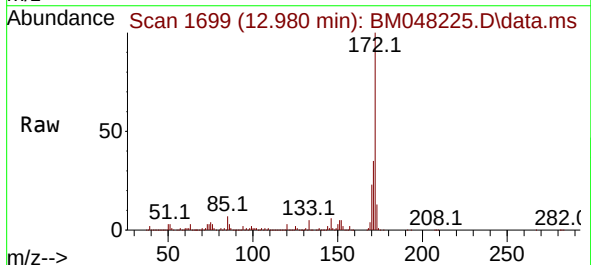
Instrument :
BNA_M
ClientSampleId :
PB164366BL

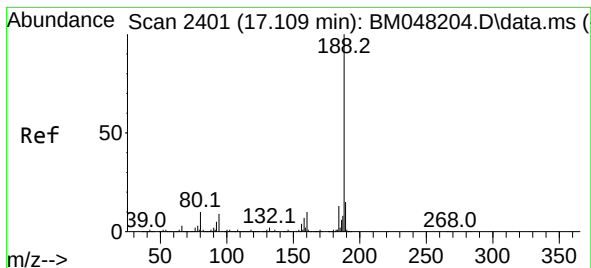
Tgt Ion:330 Resp: 724027
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 34.2 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 93.583 ng
RT: 12.980 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

Tgt Ion:172 Resp: 2890105
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.0
170 23.4 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: BM048225.D

Acq: 24 Oct 2024 20:26

Instrument :

BNA_M

ClientSampleId :

PB164366BL

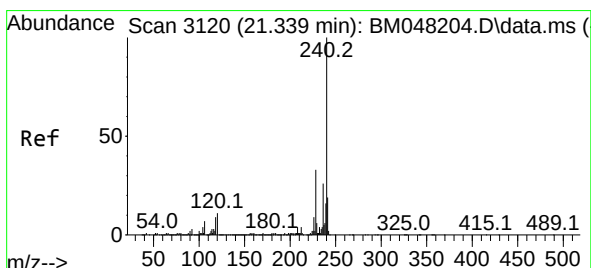
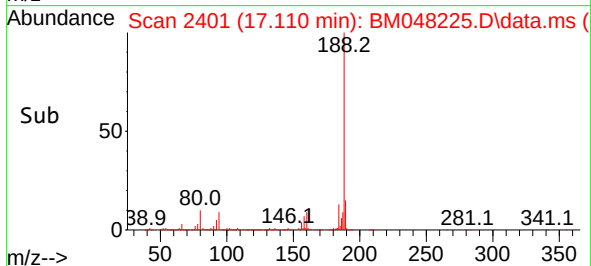
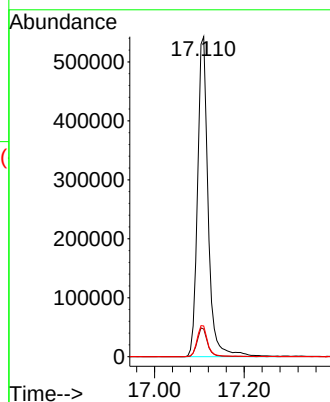
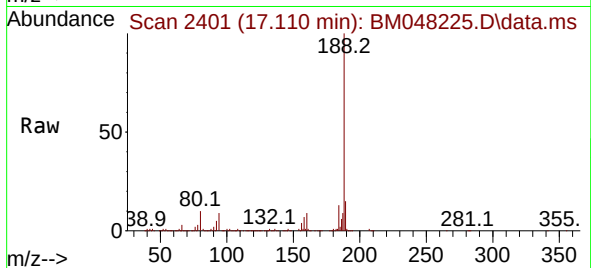
Tgt Ion:188 Resp: 888629

Ion Ratio Lower Upper

188 100

94 8.7 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: BM048225.D

Acq: 24 Oct 2024 20:26

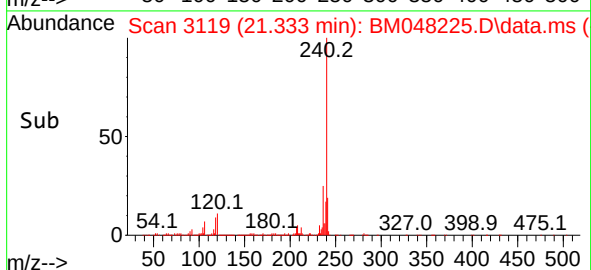
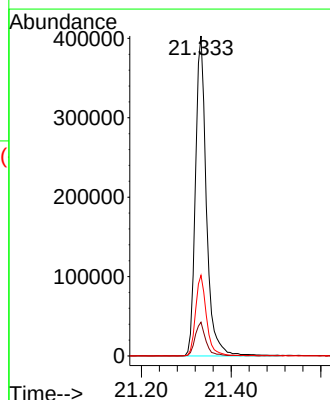
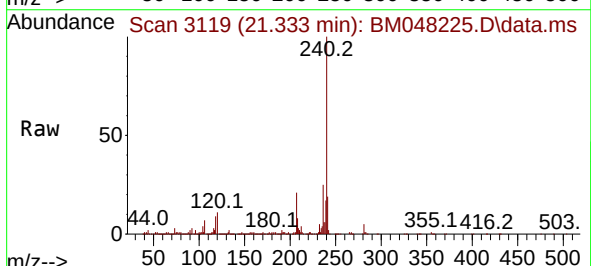
Tgt Ion:240 Resp: 683470

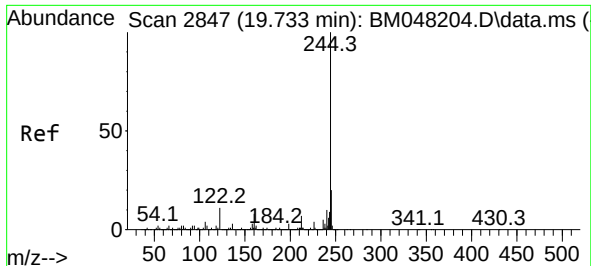
Ion Ratio Lower Upper

240 100

120 10.6 8.6 13.0

236 25.2 20.7 31.1

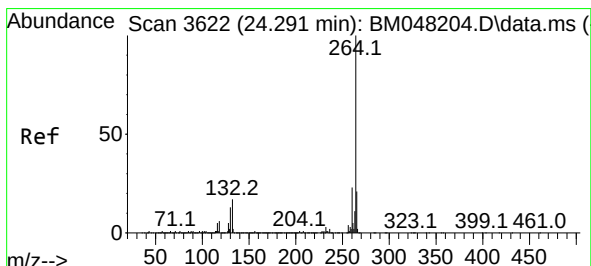
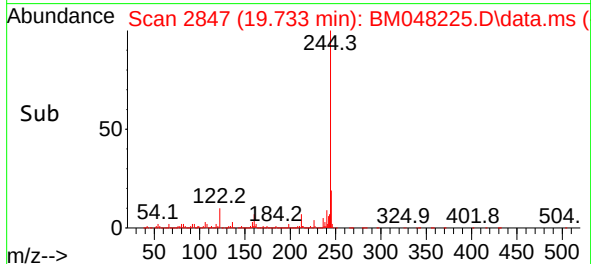
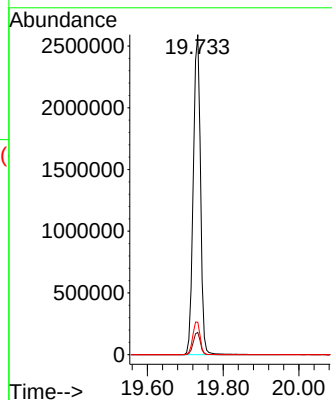
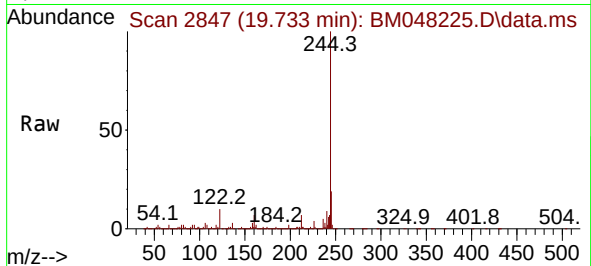




#79
Terphenyl-d14
Concen: 102.715 ng
RT: 19.733 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

Instrument :
BNA_M
ClientSampleId :
PB164366BL

Tgt Ion:244 Resp: 3440075
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.1 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: BM048225.D
Acq: 24 Oct 2024 20:26

Tgt Ion:264 Resp: 722400
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 22.3 17.4 26.2

