

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102524\
 Data File : BM048229.D
 Acq On : 25 Oct 2024 09:28
 Operator : RC/JU
 Sample : PB164382BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB164382BL

Quant Time: Oct 25 11:01:19 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	221062	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	804099	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	478139	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	895440	20.000	ng	0.00
76) Chrysene-d12	21.333	240	702826	20.000	ng	0.00
86) Perylene-d12	24.280	264	737871	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1946989	148.048	ng	0.00
7) Phenol-d6	6.898	99	2344528	136.891	ng	0.00
23) Nitrobenzene-d5	8.875	82	1359612	95.470	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	759621	129.795	ng	0.00
45) 2-Fluorobiphenyl	12.980	172	2996789	96.176	ng	0.00
79) Terphenyl-d14	19.733	244	3663504	106.374	ng	0.00

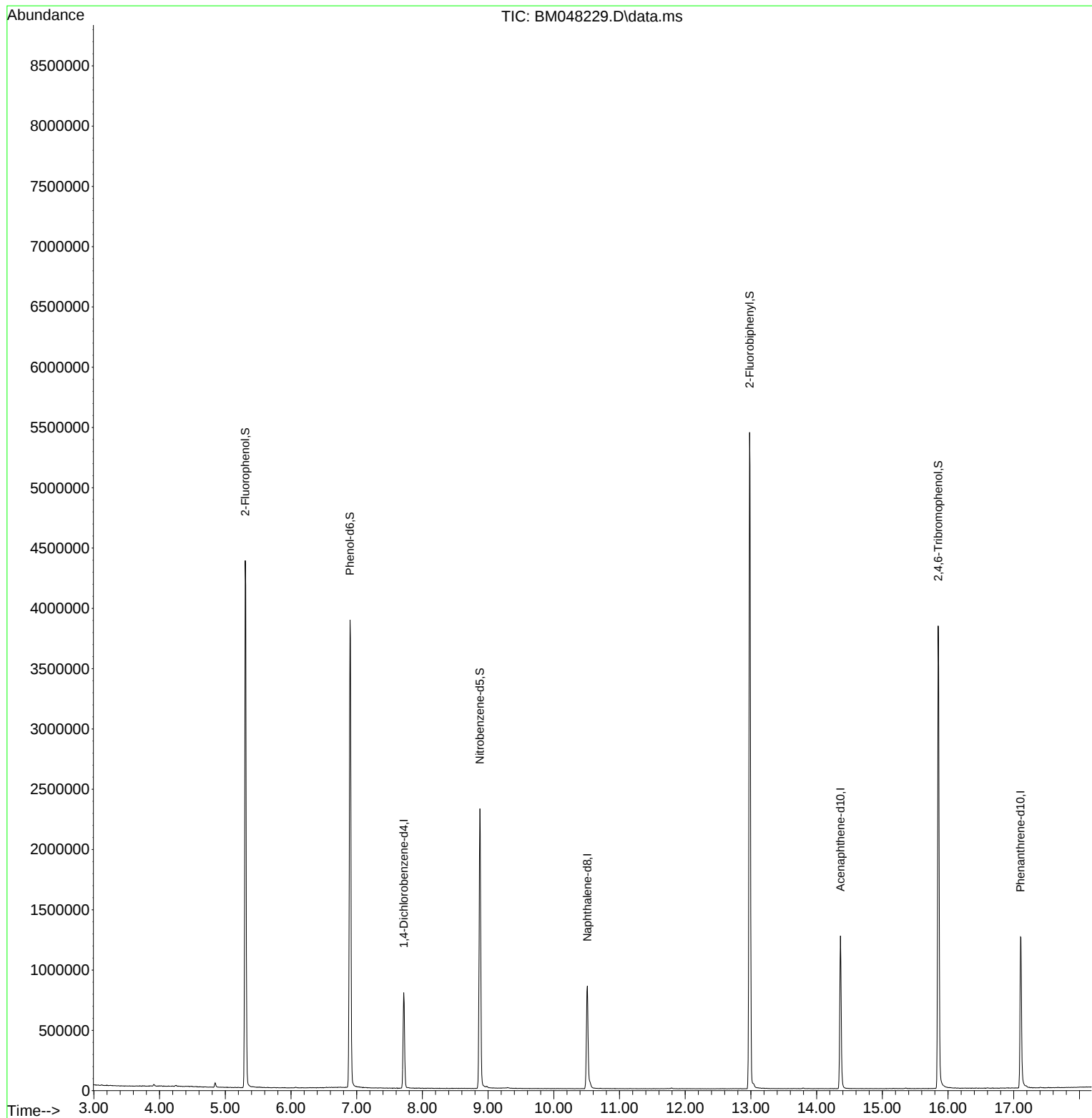
Target Compounds Qvalue

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

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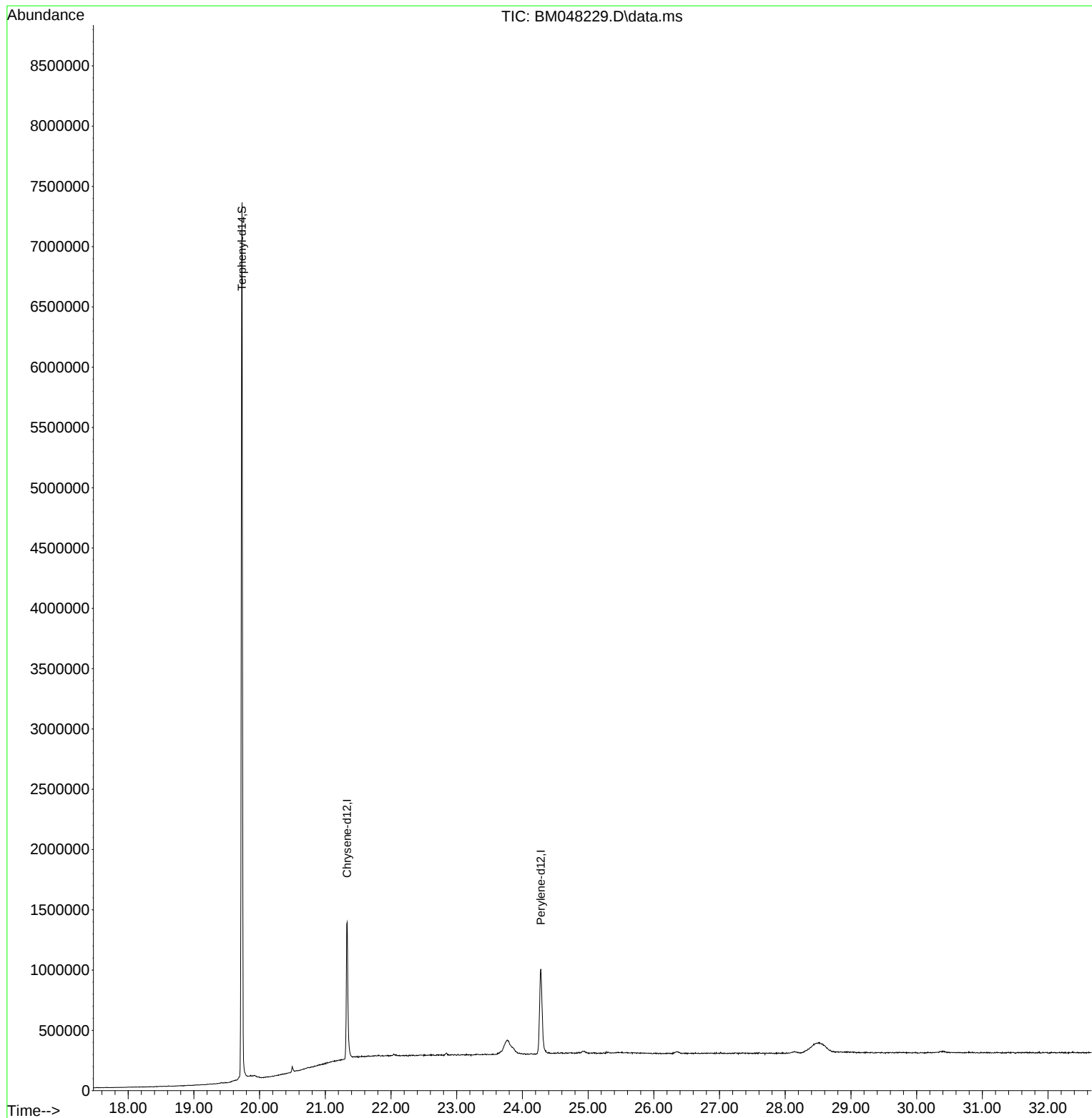
Quant Time: Oct 25 11:01:19 2024
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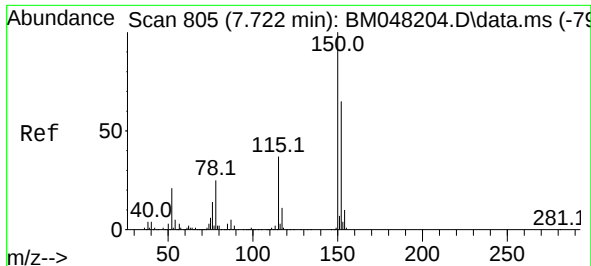


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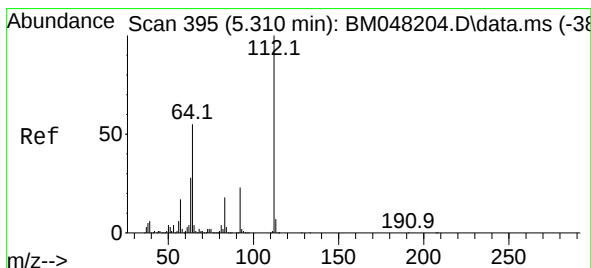
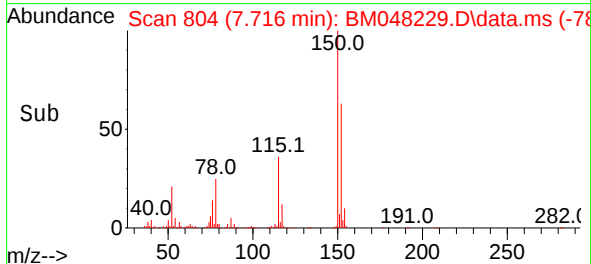
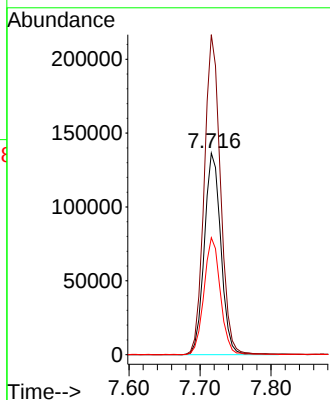
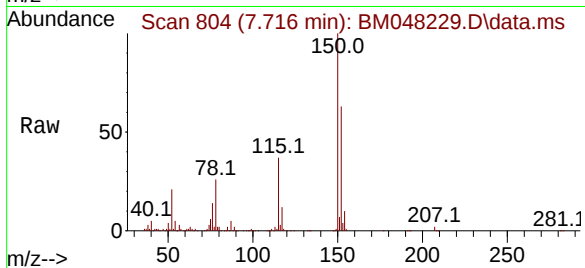




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 805
Delta R.T. -0.006 min
Lab File: BM048229.D
Acq: 25 Oct 2024 09:28

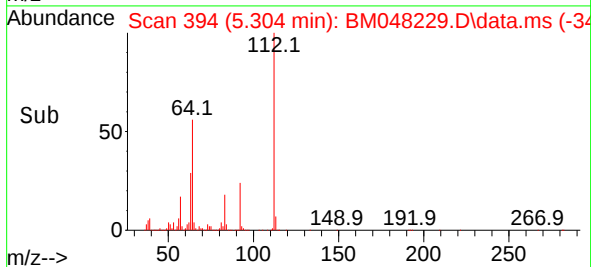
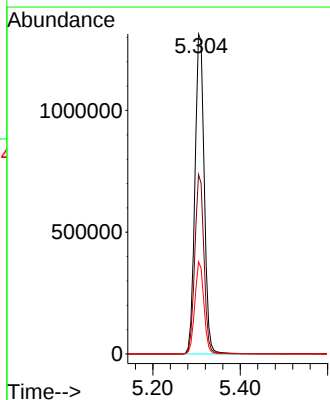
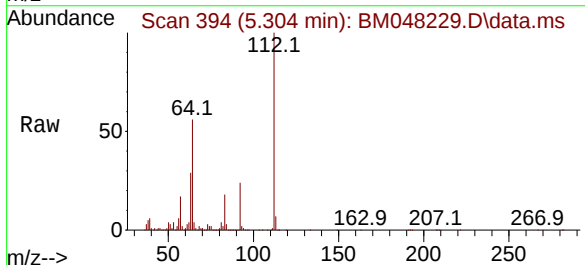
Instrument :
BNA_M
ClientSampleId :
PB164382BL

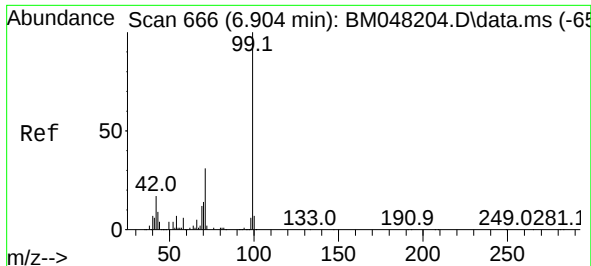
Tgt Ion:152 Resp: 221062
Ion Ratio Lower Upper
152 100
150 158.8 123.0 184.6
115 58.1 45.8 68.6



#5
2-Fluorophenol
Concen: 148.048 ng
RT: 5.304 min Scan# 394
Delta R.T. -0.006 min
Lab File: BM048229.D
Acq: 25 Oct 2024 09:28

Tgt Ion:112 Resp: 1946989
Ion Ratio Lower Upper
112 100
64 56.1 44.2 66.2
63 28.8 22.7 34.1

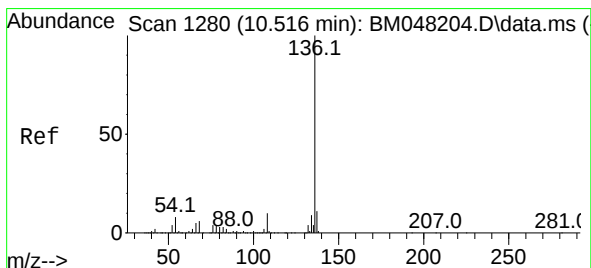
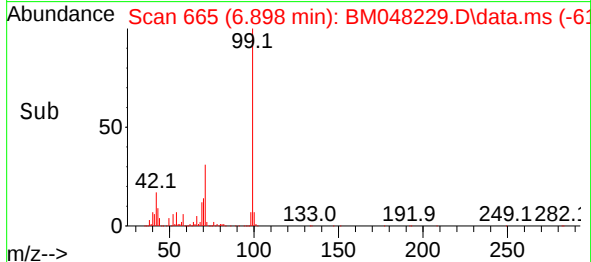
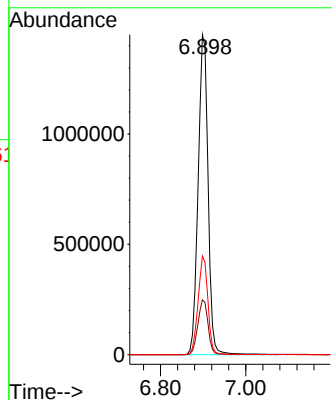
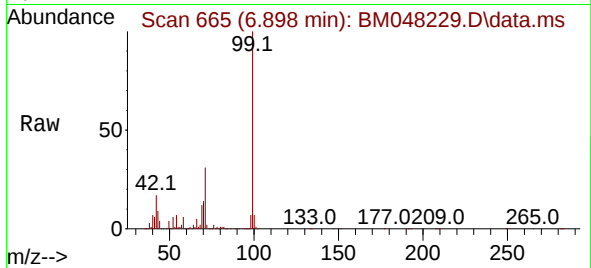




#7
Phenol-d6
Concen: 136.891 ng
RT: 6.898 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM048229.D
Acq: 25 Oct 2024 09:28

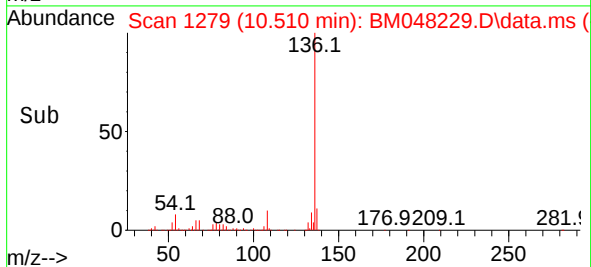
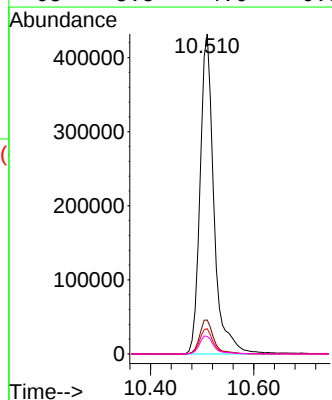
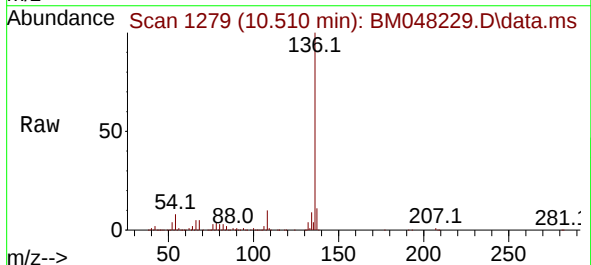
Instrument :
BNA_M
ClientSampleId :
PB164382BL

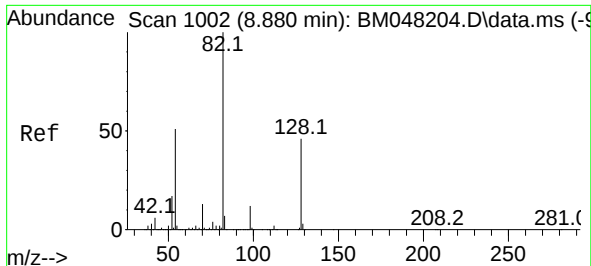
Tgt Ion: 99 Resp: 2344528
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.8
71 30.8 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM048229.D
Acq: 25 Oct 2024 09:28

Tgt Ion:136 Resp: 804099
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.9 6.5 9.7
68 5.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 95.470 ng

RT: 8.875 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BM048229.D

Acq: 25 Oct 2024 09:28

Instrument :

BNA_M

ClientSampleId :

PB164382BL

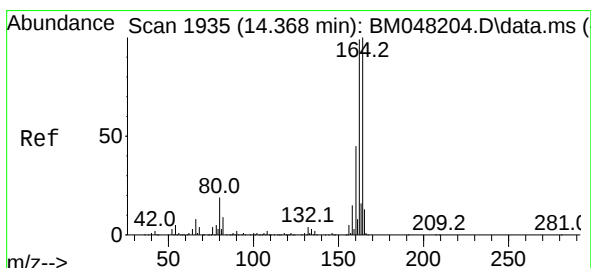
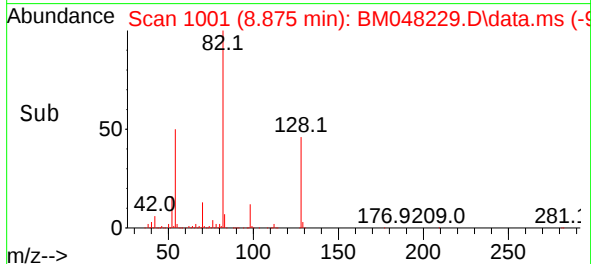
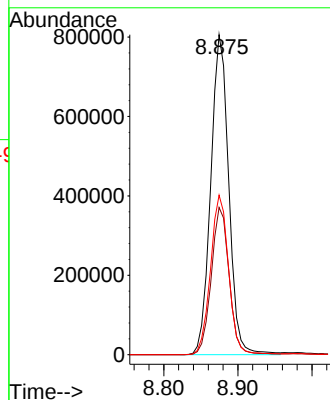
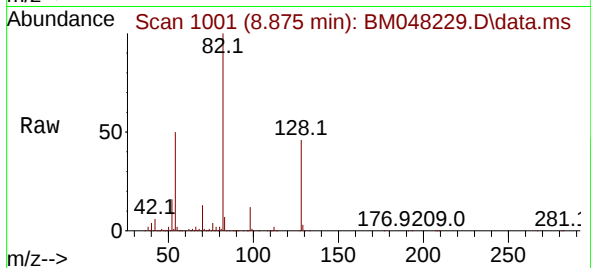
Tgt Ion: 82 Resp: 1359612

Ion Ratio Lower Upper

82 100

128 46.0 36.6 54.8

54 49.8 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: BM048229.D

Acq: 25 Oct 2024 09:28

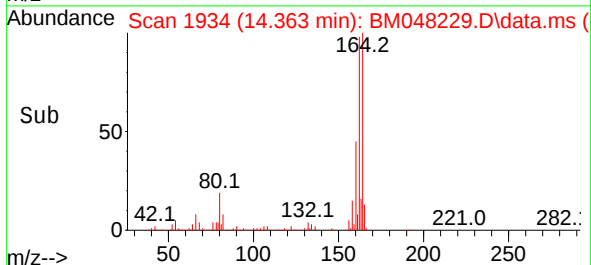
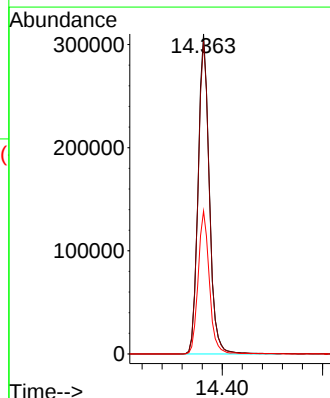
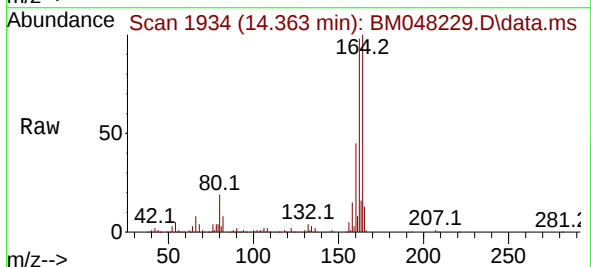
Tgt Ion:164 Resp: 478139

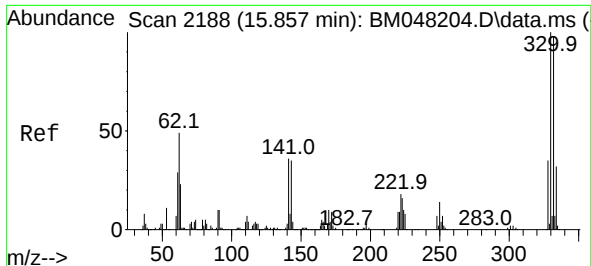
Ion Ratio Lower Upper

164 100

162 97.7 79.1 118.7

160 44.6 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 129.795 ng

RT: 15.851 min Scan# 2188

Delta R.T. -0.006 min

Lab File: BM048229.D

Acq: 25 Oct 2024 09:28

Instrument :

BNA_M

ClientSampleId :

PB164382BL

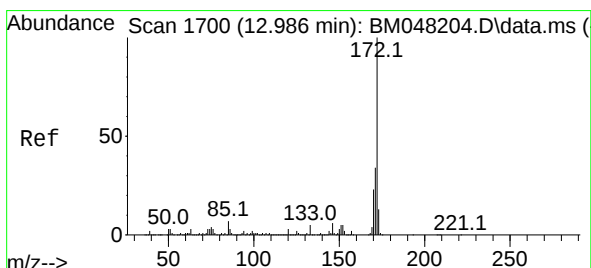
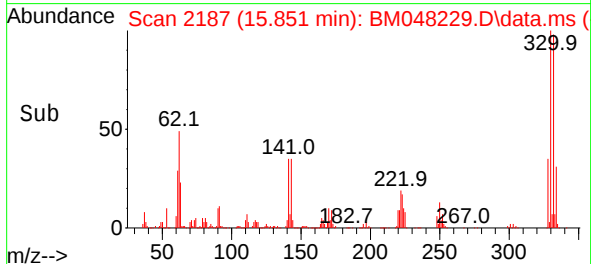
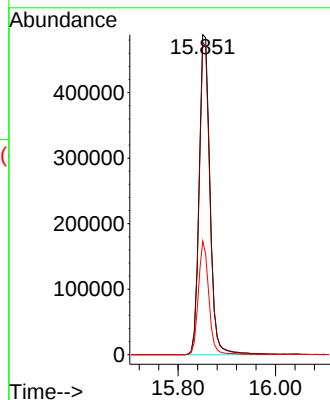
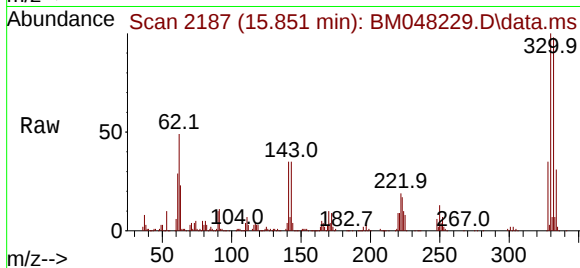
Tgt Ion:330 Resp: 759621

Ion Ratio Lower Upper

330 100

332 96.9 77.5 116.3

141 34.2 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 96.176 ng

RT: 12.980 min Scan# 1699

Delta R.T. -0.006 min

Lab File: BM048229.D

Acq: 25 Oct 2024 09:28

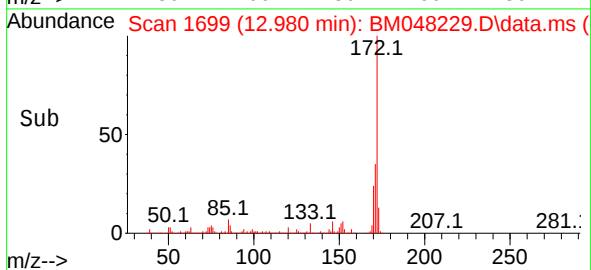
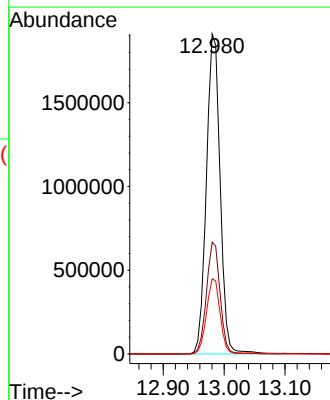
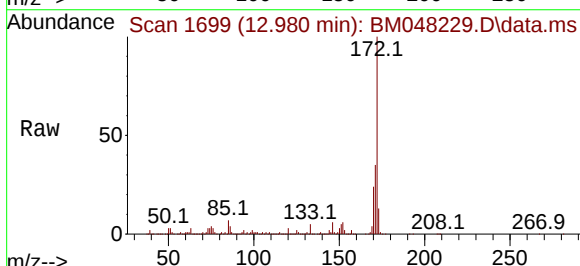
Tgt Ion:172 Resp: 2996789

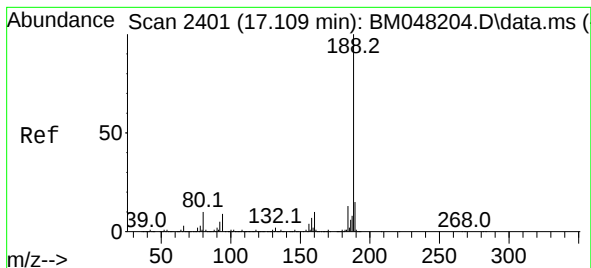
Ion Ratio Lower Upper

172 100

171 34.9 27.4 41.0

170 23.5 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.104 min Scan# 2400

Delta R.T. -0.006 min

Lab File: BM048229.D

Acq: 25 Oct 2024 09:28

Instrument :

BNA_M

ClientSampleId :

PB164382BL

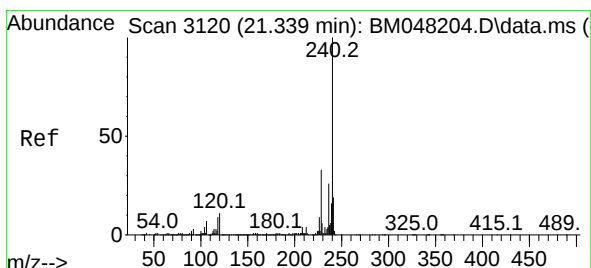
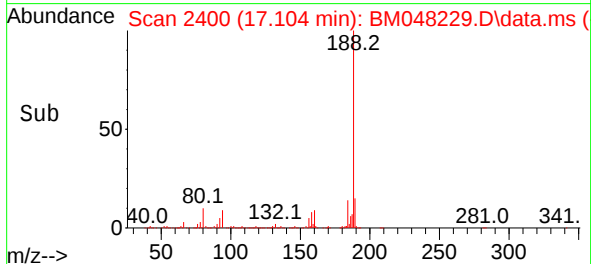
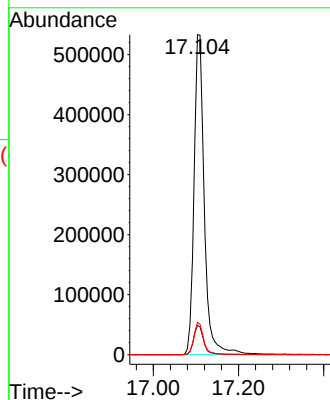
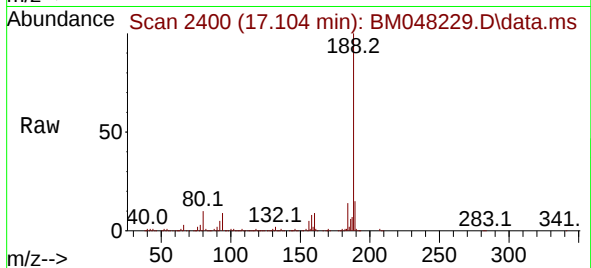
Tgt Ion:188 Resp: 895440

Ion Ratio Lower Upper

188 100

94 9.1 7.3 10.9

80 10.1 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: BM048229.D

Acq: 25 Oct 2024 09:28

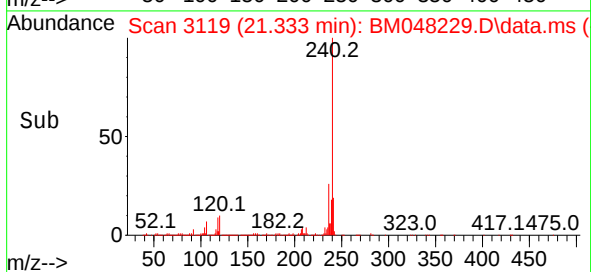
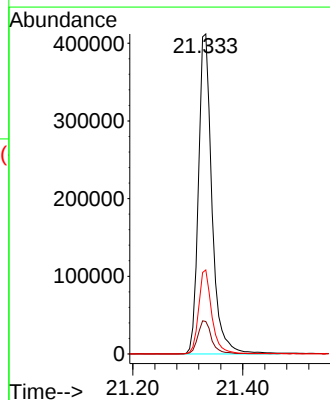
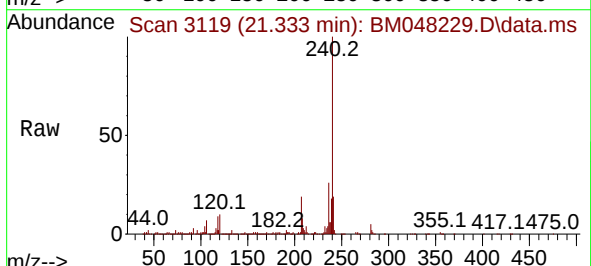
Tgt Ion:240 Resp: 702826

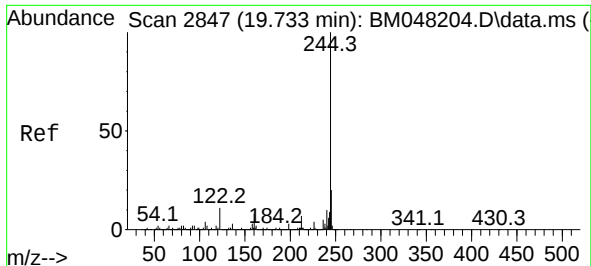
Ion Ratio Lower Upper

240 100

120 10.2 8.6 13.0

236 26.3 20.7 31.1

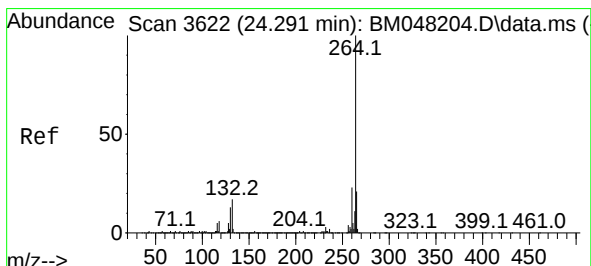
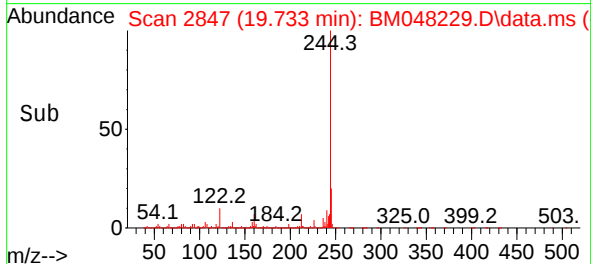
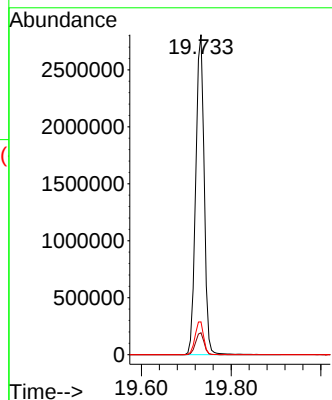
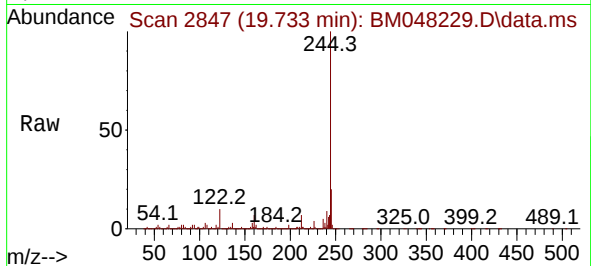




#79
 Terphenyl-d14
 Concen: 106.374 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM048229.D
 Acq: 25 Oct 2024 09:28

Instrument :
 BNA_M
 ClientSampleId :
 PB164382BL

Tgt Ion:244 Resp: 3663504
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.280 min Scan# 3620
 Delta R.T. -0.012 min
 Lab File: BM048229.D
 Acq: 25 Oct 2024 09:28

Tgt Ion:264 Resp: 737871
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 27.8
 265 22.3 17.4 26.2

