

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123124\
 Data File : BM049311.D
 Acq On : 31 Dec 2024 19:06
 Operator : RC/JU
 Sample : PB165894BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB165894BL

Quant Time: Dec 31 23:21:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM123124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 23:06:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	159339	20.000	ng	0.00
21) Naphthalene-d8	10.292	136	552549	20.000	ng	0.00
39) Acenaphthene-d10	14.169	164	333009	20.000	ng	0.00
64) Phenanthrene-d10	16.921	188	628110	20.000	ng	0.00
76) Chrysene-d12	21.150	240	535240	20.000	ng	0.00
86) Perylene-d12	23.933	264	541026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.169	112	1815204	178.058	ng	0.00
7) Phenol-d6	6.728	99	2211391	165.590	ng	0.00
23) Nitrobenzene-d5	8.675	82	1328650	113.779	ng	0.00
42) 2,4,6-Tribromophenol	15.668	330	766532	172.375	ng	0.00
45) 2-Fluorobiphenyl	12.780	172	3016909	118.053	ng	0.00
79) Terphenyl-d14	19.574	244	4478342	138.481	ng	0.00

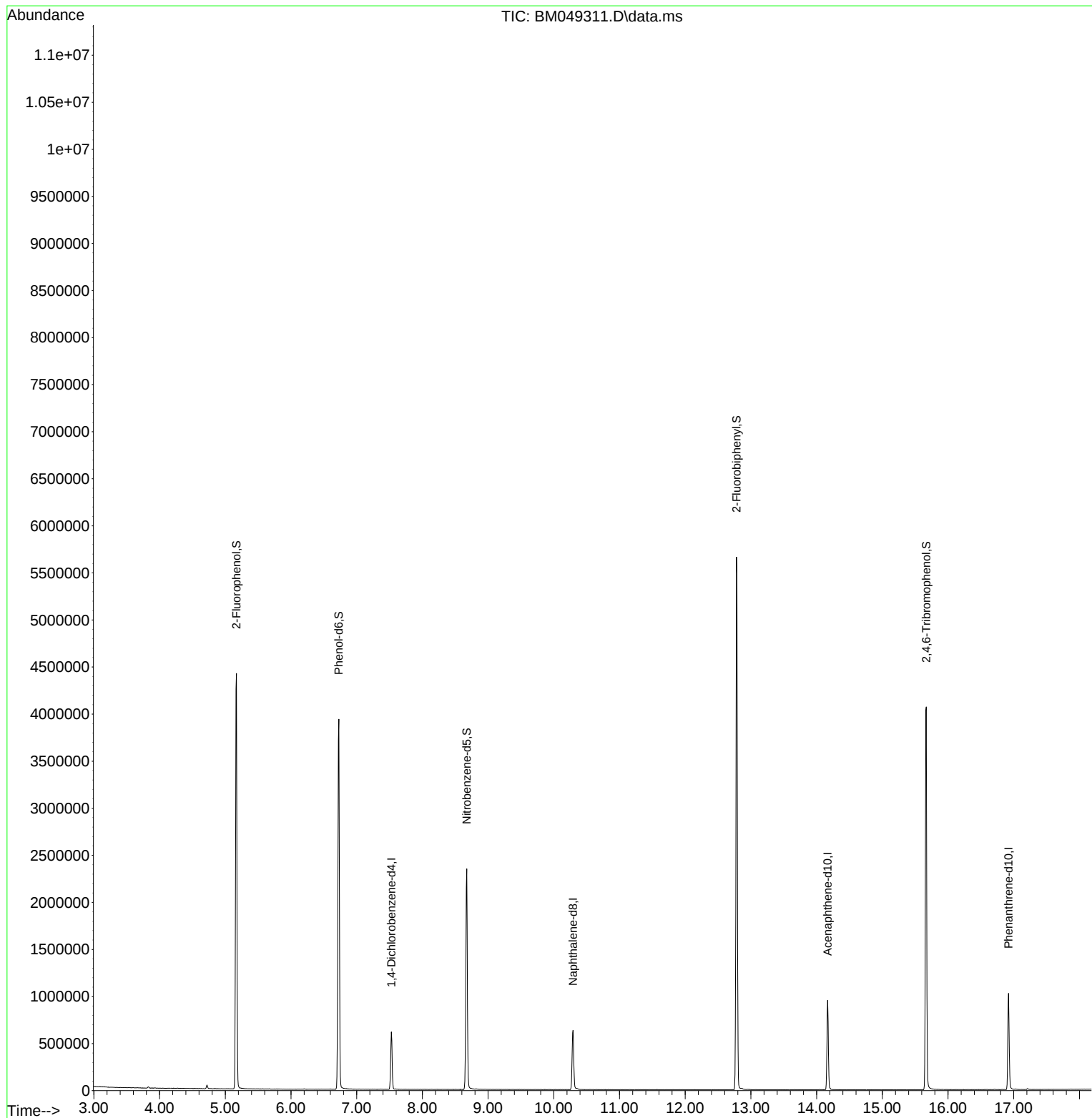
Target Compounds	Qvalue

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

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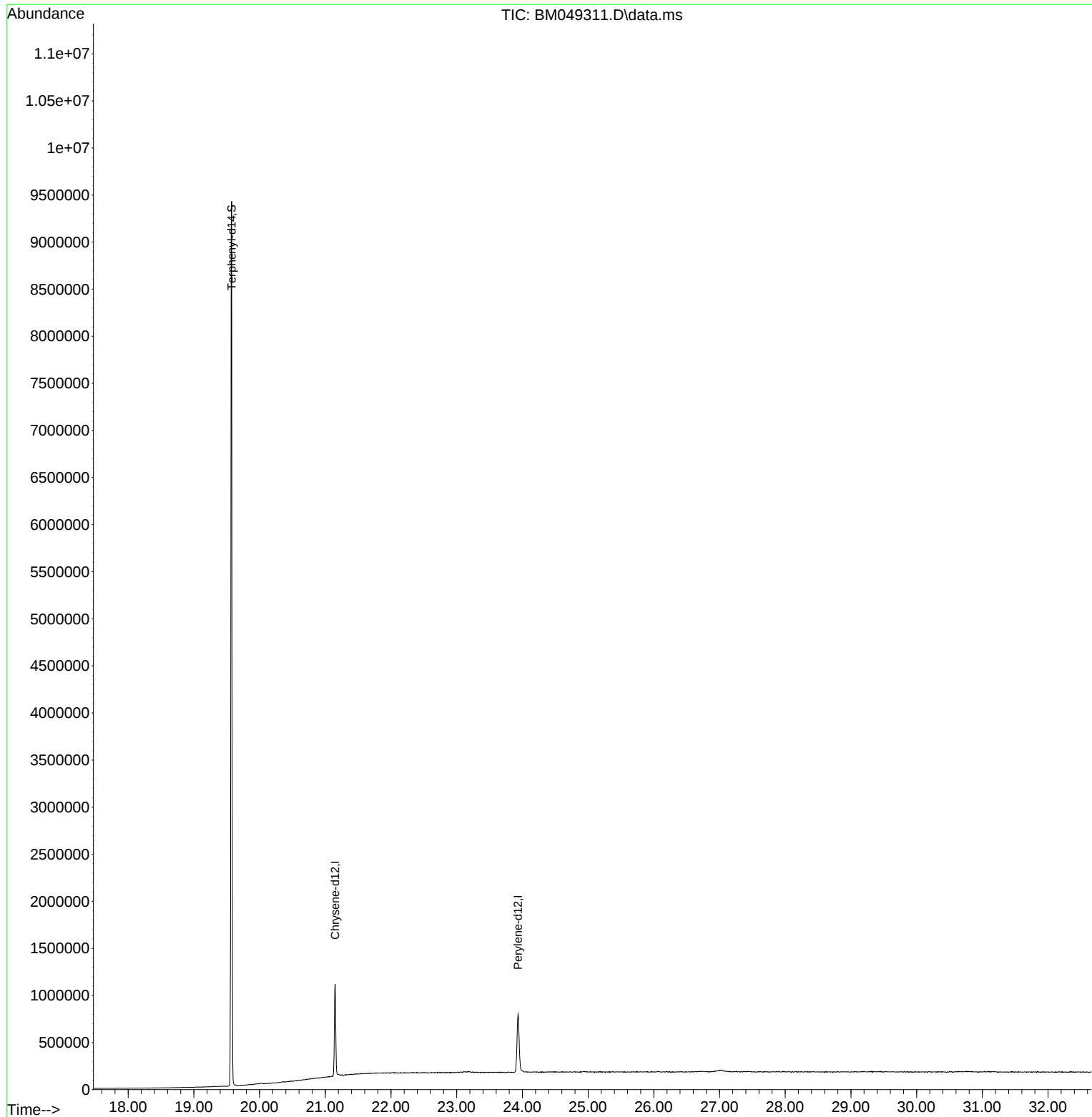
Quant Time: Dec 31 23:21:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM123124.M
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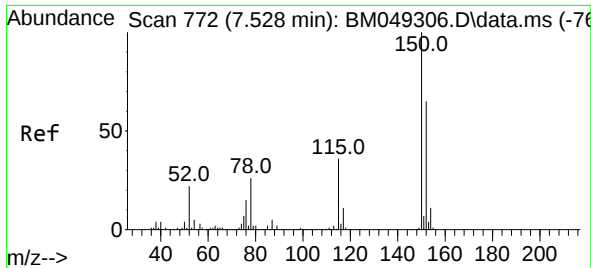


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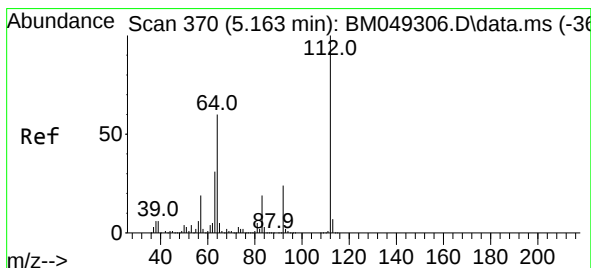
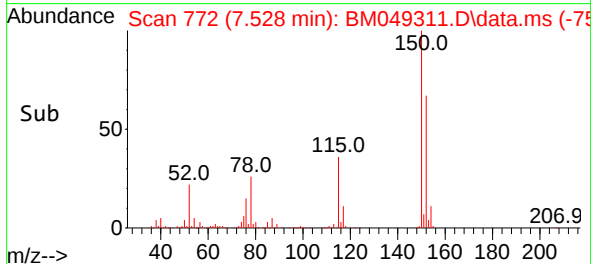
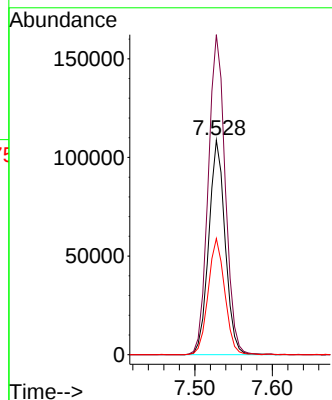
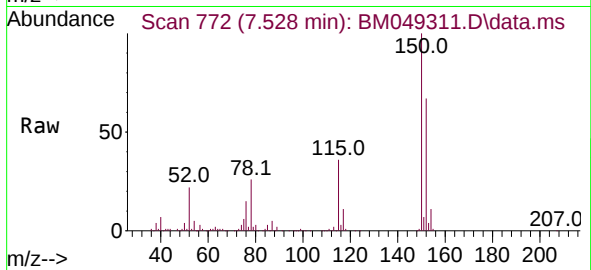




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM049311.D
Acq: 31 Dec 2024 19:06

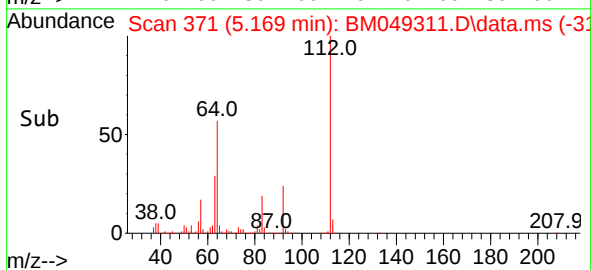
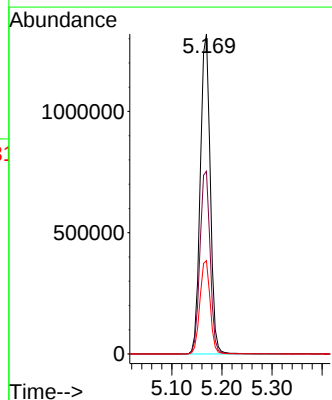
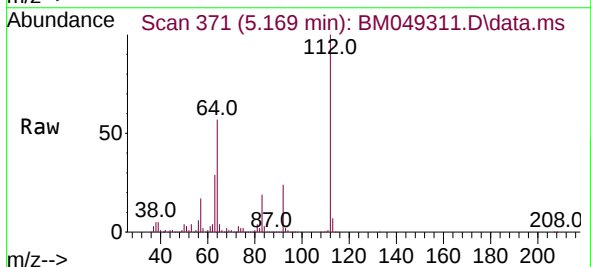
Instrument :
BNA_M
ClientSampleId :
PB165894BL

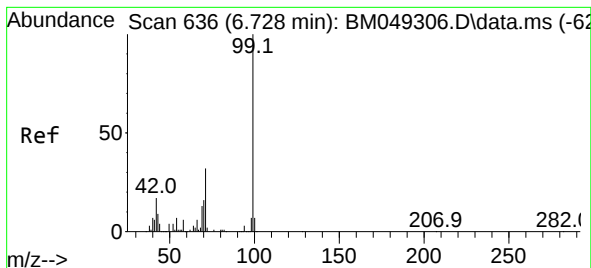
Tgt Ion:152 Resp: 159339
Ion Ratio Lower Upper
152 100
150 149.2 122.2 183.2
115 54.2 44.5 66.7



#5
2-Fluorophenol
Concen: 178.058 ng
RT: 5.169 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM049311.D
Acq: 31 Dec 2024 19:06

Tgt Ion:112 Resp: 1815204
Ion Ratio Lower Upper
112 100
64 57.1 48.2 72.4
63 29.2 24.6 37.0





#7

Phenol-d6

Concen: 165.590 ng

RT: 6.728 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM049311.D

Acq: 31 Dec 2024 19:06

Instrument :

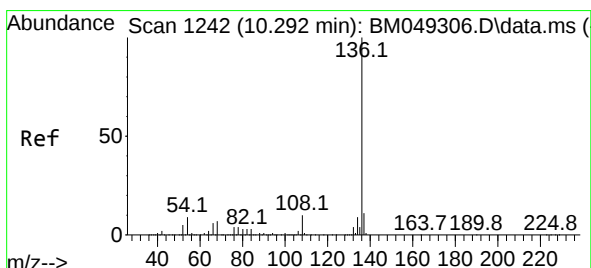
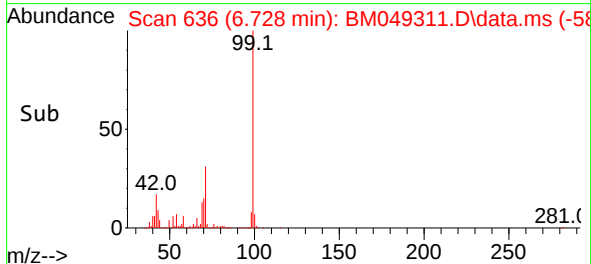
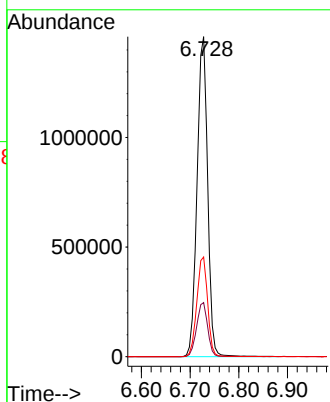
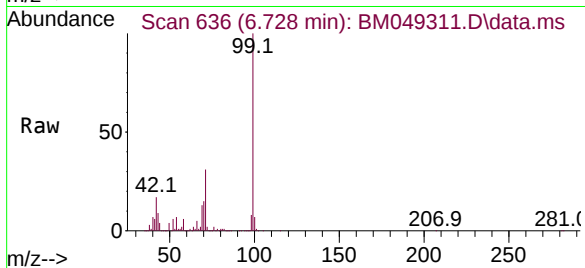
BNA_M

ClientSampleId :

PB165894BL

Tgt Ion: 99 Resp: 2211391

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.8
71	31.2	25.6	38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.292 min Scan# 1242

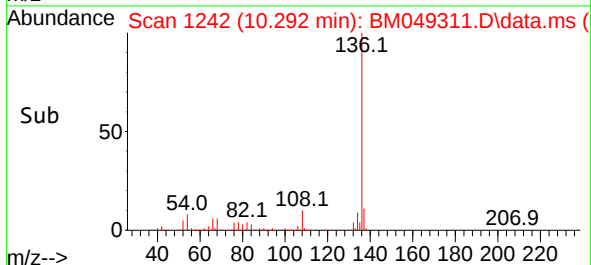
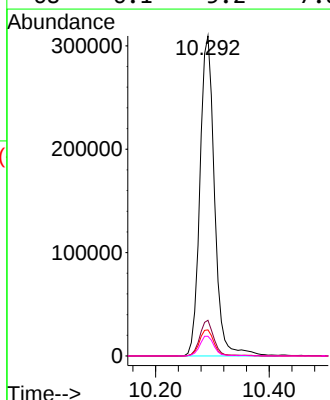
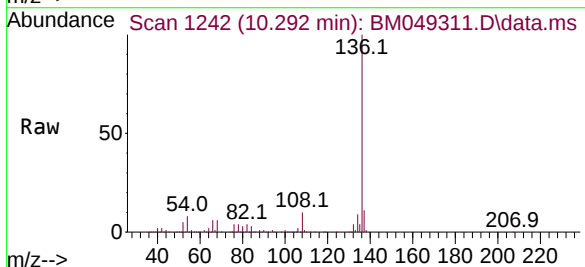
Delta R.T. 0.000 min

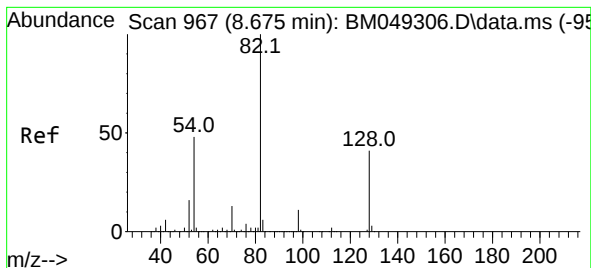
Lab File: BM049311.D

Acq: 31 Dec 2024 19:06

Tgt Ion: 136 Resp: 552549

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.2	6.8	10.2
68	6.1	5.2	7.8





#23

Nitrobenzene-d5

Concen: 113.779 ng

RT: 8.675 min Scan# 90

Delta R.T. 0.000 min

Lab File: BM049311.D

Acq: 31 Dec 2024 19:06

Instrument :

BNA_M

ClientSampleId :

PB165894BL

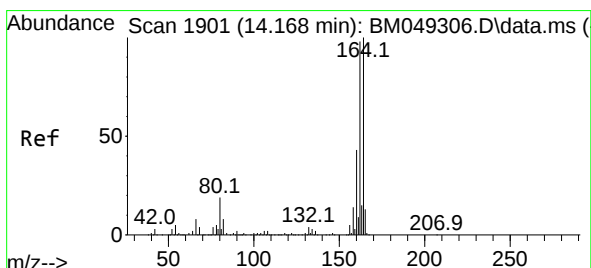
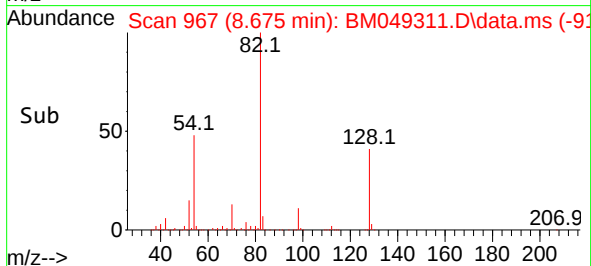
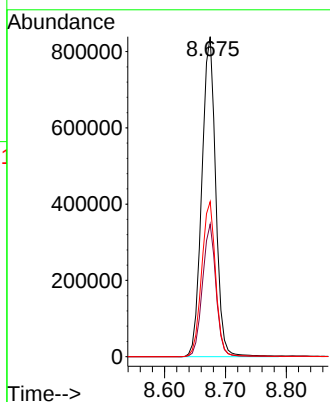
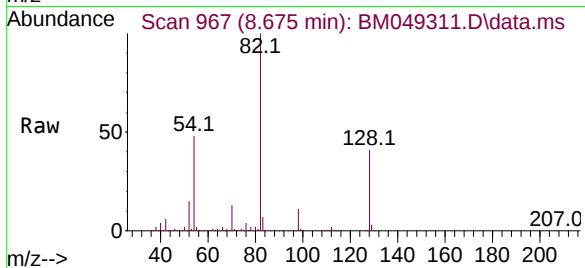
Tgt Ion: 82 Resp: 1328650

Ion Ratio Lower Upper

82 100

128 41.4 32.8 49.2

54 48.5 38.6 58.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.169 min Scan# 1901

Delta R.T. 0.000 min

Lab File: BM049311.D

Acq: 31 Dec 2024 19:06

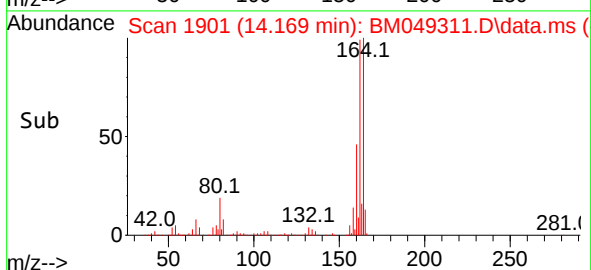
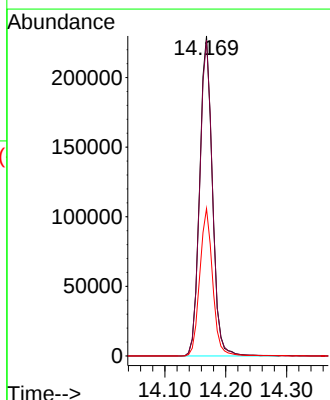
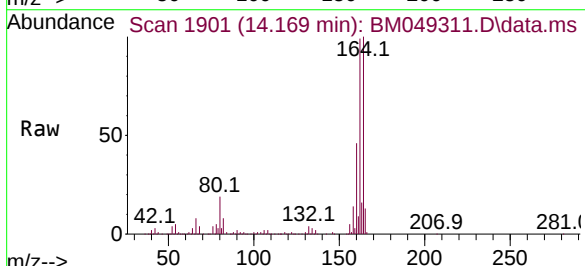
Tgt Ion:164 Resp: 333009

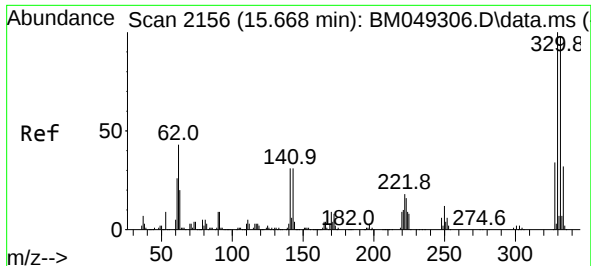
Ion Ratio Lower Upper

164 100

162 98.6 78.4 117.6

160 46.1 34.8 52.2

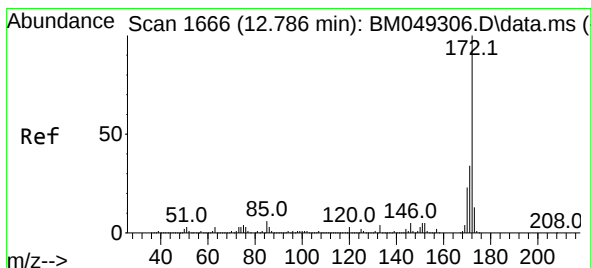
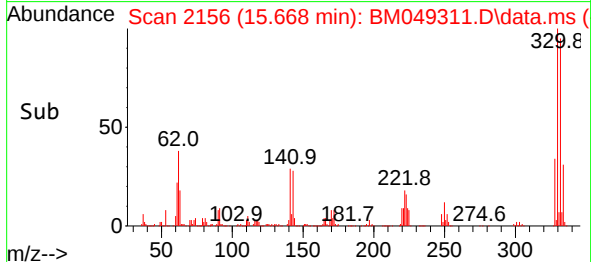
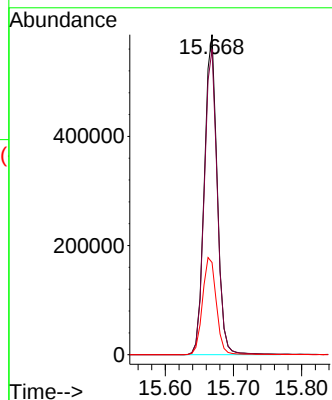
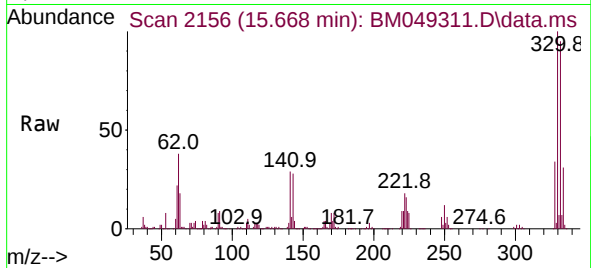




#42
2,4,6-Tribromophenol
Concen: 172.375 ng
RT: 15.668 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM049311.D
Acq: 31 Dec 2024 19:06

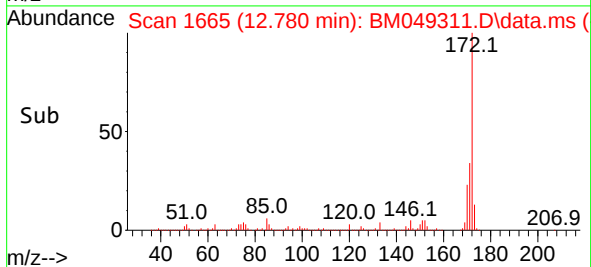
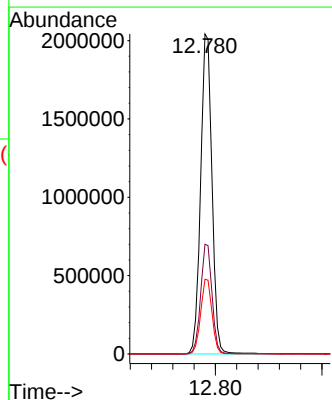
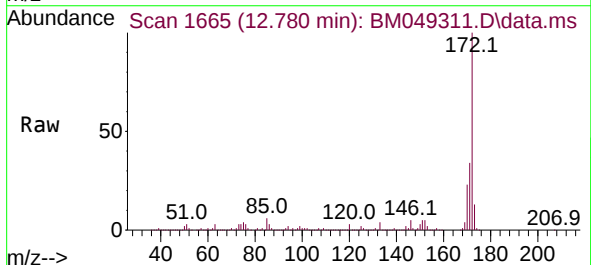
Instrument :
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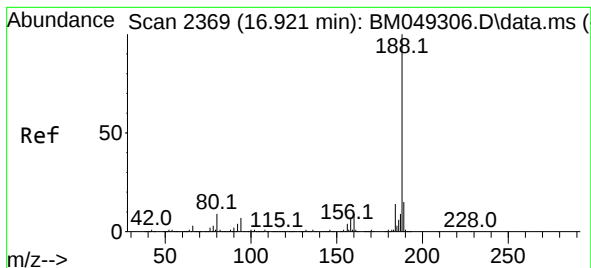
Tgt Ion:330 Resp: 766532
Ion Ratio Lower Upper
330 100
332 96.4 77.9 116.9
141 32.7 27.2 40.8



#45
2-Fluorobiphenyl
Concen: 118.053 ng
RT: 12.780 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BM049311.D
Acq: 31 Dec 2024 19:06

Tgt Ion:172 Resp: 3016909
Ion Ratio Lower Upper
172 100
171 34.3 27.6 41.4
170 23.4 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.921 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049311.D

Acq: 31 Dec 2024 19:06

Instrument :

BNA_M

ClientSampleId :

PB165894BL

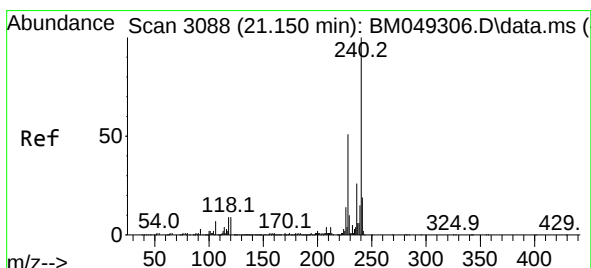
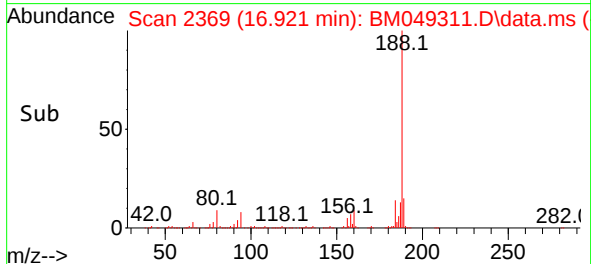
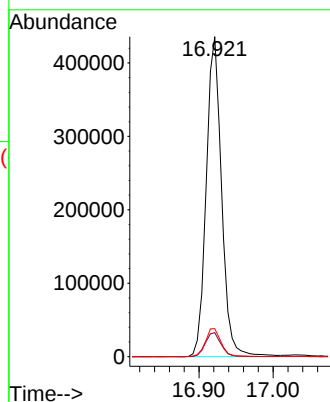
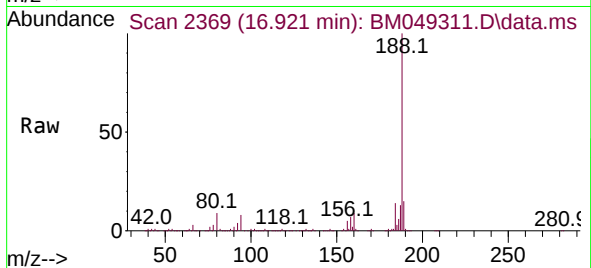
Tgt Ion:188 Resp: 628110

Ion Ratio Lower Upper

188 100

94 7.5 6.0 9.0

80 8.7 7.0 10.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.150 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BM049311.D

Acq: 31 Dec 2024 19:06

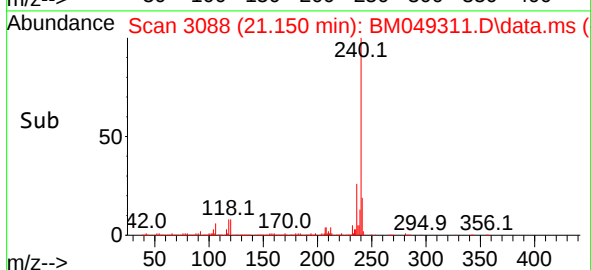
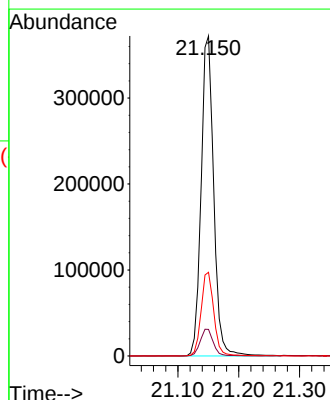
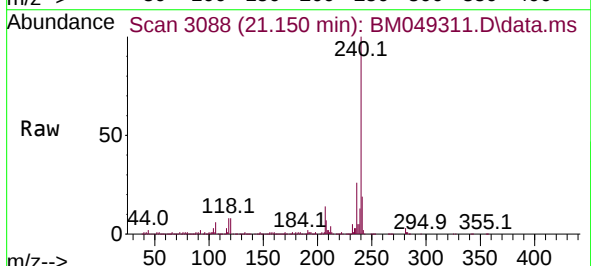
Tgt Ion:240 Resp: 535240

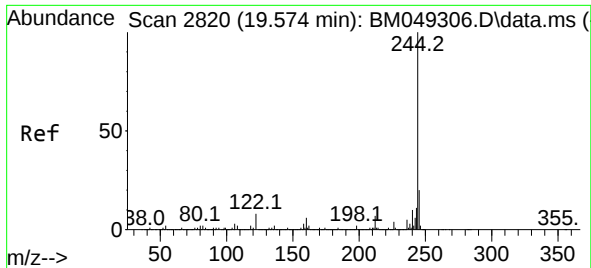
Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

236 26.1 21.0 31.4

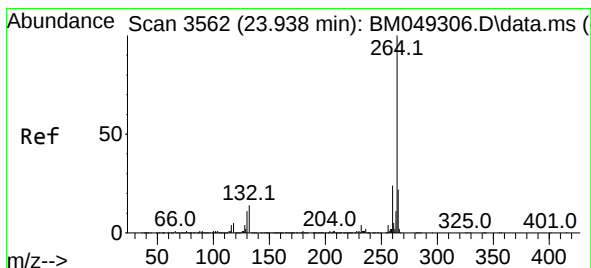
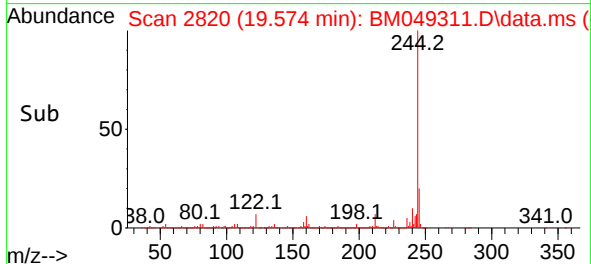
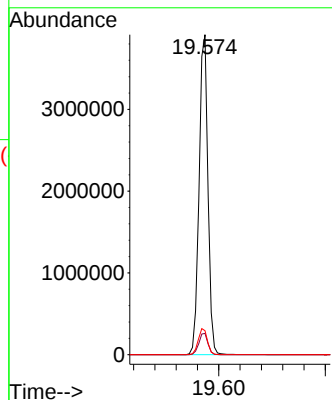
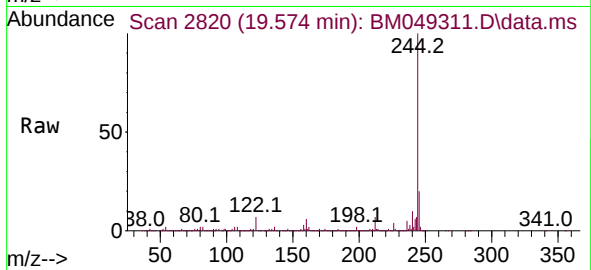




#79
 Terphenyl-d14
 Concen: 138.481 ng
 RT: 19.574 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BM049311.D
 Acq: 31 Dec 2024 19:06

Instrument :
 BNA_M
 ClientSampleId :
 PB165894BL

Tgt Ion:244 Resp: 4478342
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 7.5 6.1 9.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.933 min Scan# 3561
 Delta R.T. -0.006 min
 Lab File: BM049311.D
 Acq: 31 Dec 2024 19:06

Tgt Ion:264 Resp: 541026
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 22.4 17.8 26.8

