

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040225\
 Data File : BM049793.D
 Acq On : 02 Apr 2025 16:43
 Operator : RC/JU
 Sample : Q1664-09RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-BBDGA-002-01RE

Quant Time: Apr 02 18:16:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	264655	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	911013	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	584281	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1161738	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1251607	20.000	ng	-0.02
86) Perylene-d12	24.397	264	1282226	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1576295	100.498	ng	-0.02
7) Phenol-d6	6.957	99	2025949	102.925	ng	-0.02
23) Nitrobenzene-d5	8.939	82	1207984	68.078	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	771113	113.023	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3020020	64.733	ng	-0.02
79) Terphenyl-d14	19.792	244	5328314	71.739	ng	-0.02

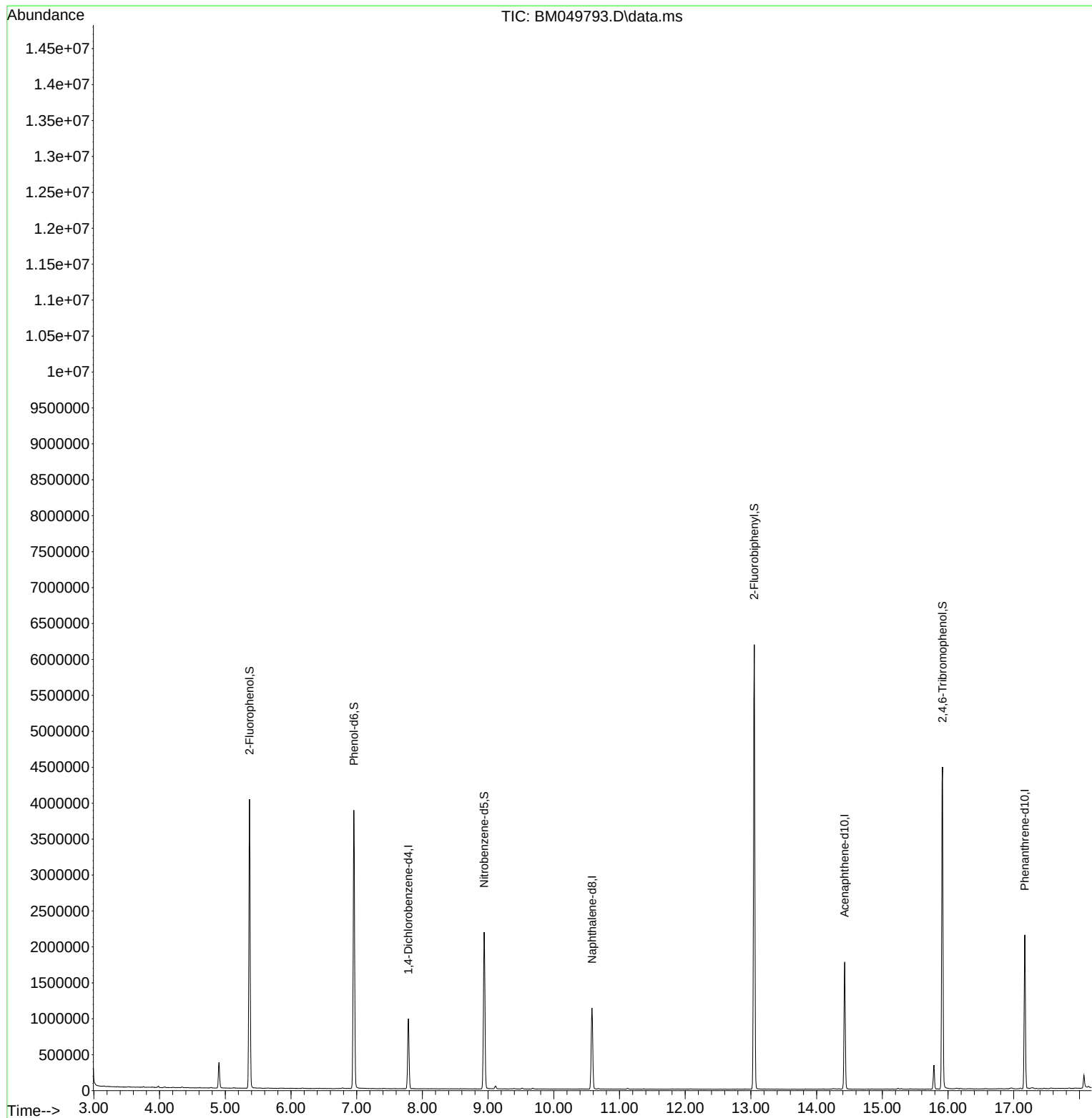
Target Compounds	Qvalue

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

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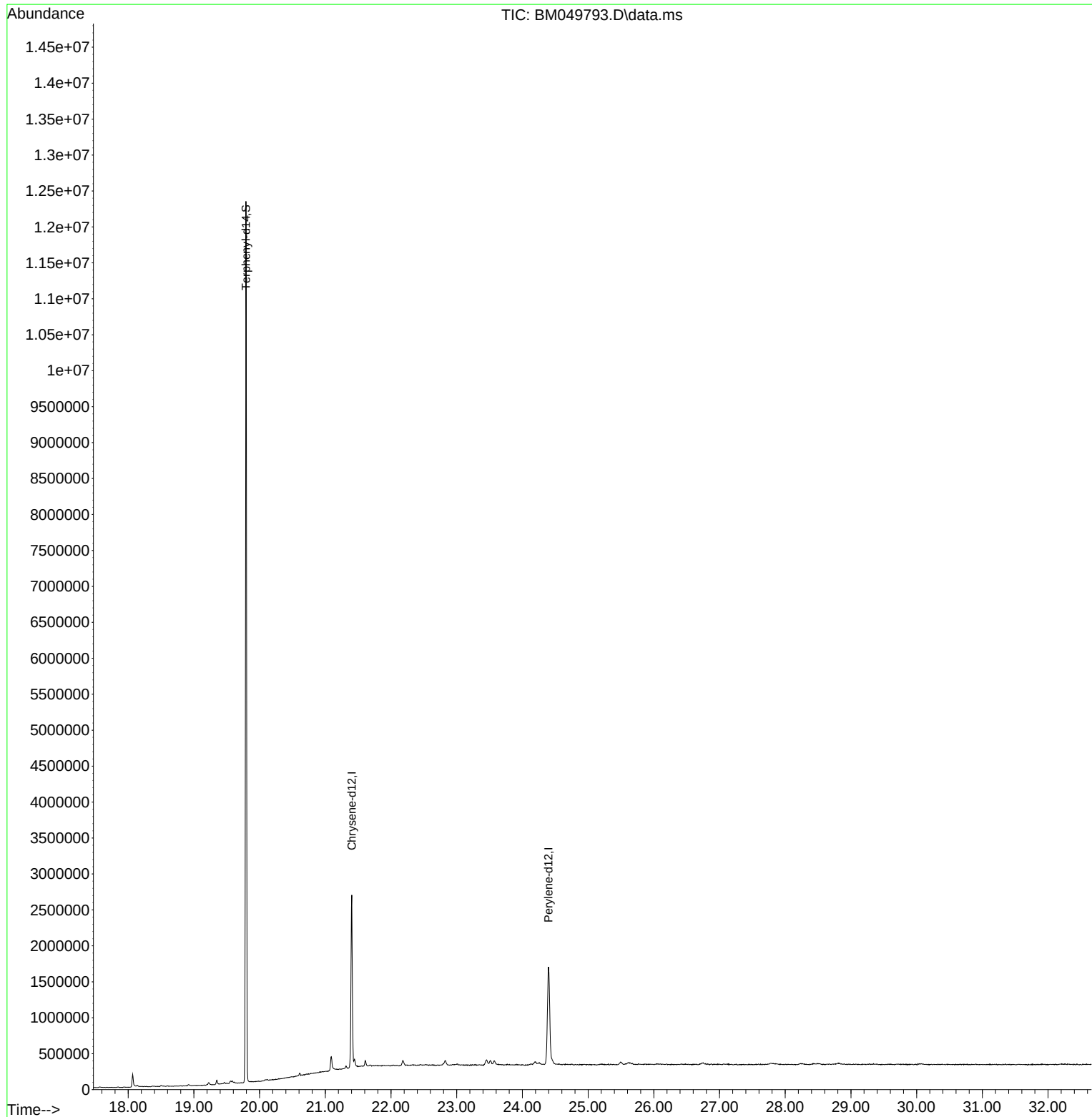
Quant Time: Apr 02 18:16:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
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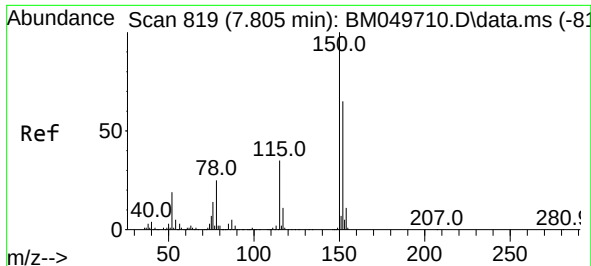


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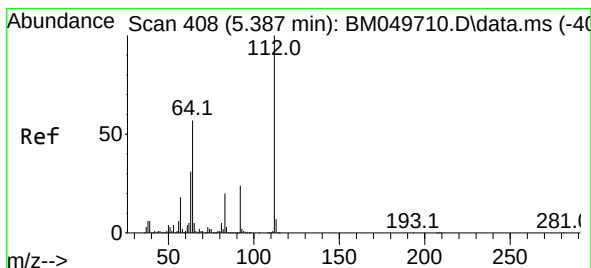
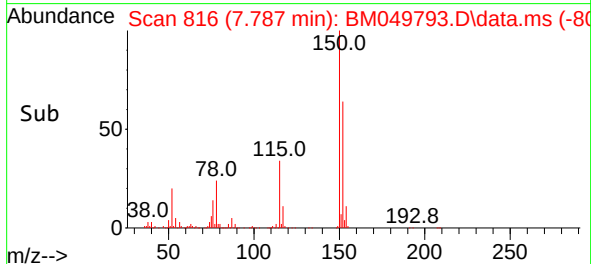
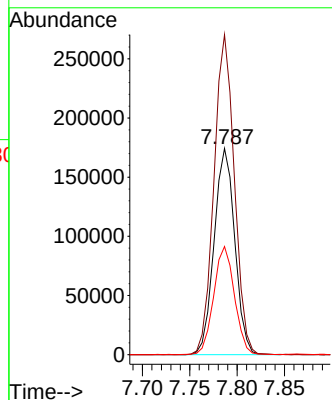
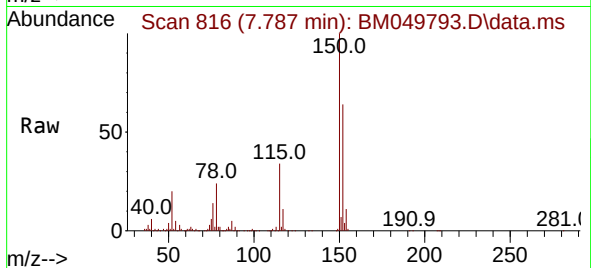




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 819
Delta R.T. -0.018 min
Lab File: BM049793.D
Acq: 02 Apr 2025 16:43

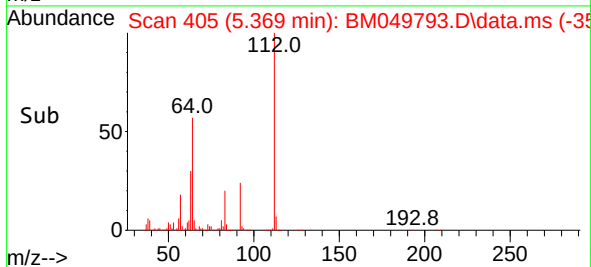
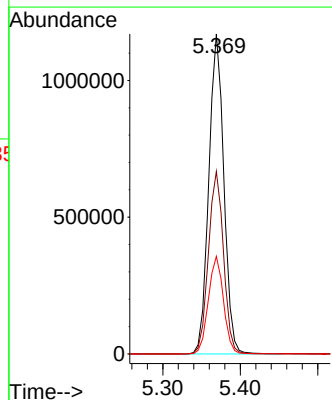
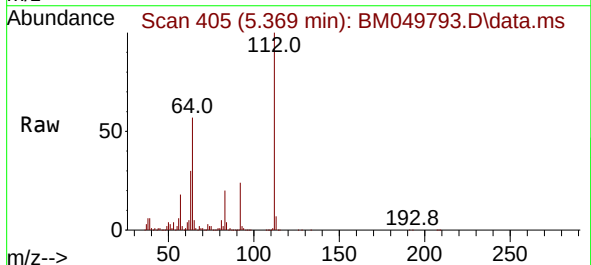
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-002-01RE

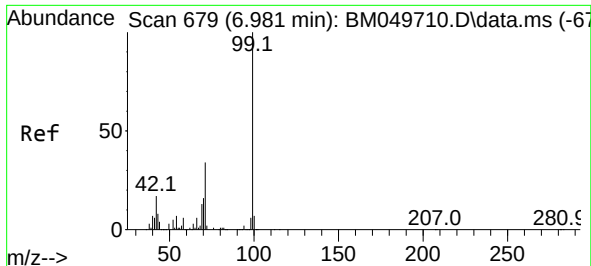
Tgt Ion:152 Resp: 264655
Ion Ratio Lower Upper
152 100
150 155.2 123.8 185.8
115 52.4 43.0 64.6



#5
2-Fluorophenol
Concen: 100.498 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.018 min
Lab File: BM049793.D
Acq: 02 Apr 2025 16:43

Tgt Ion:112 Resp: 1576295
Ion Ratio Lower Upper
112 100
64 57.0 45.3 67.9
63 30.5 24.4 36.6



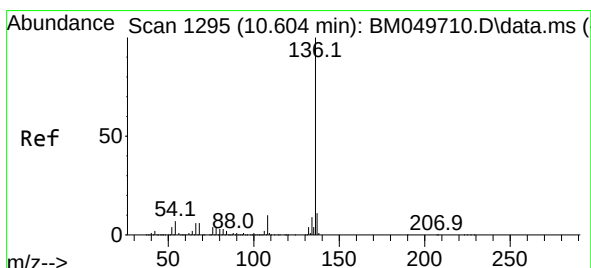
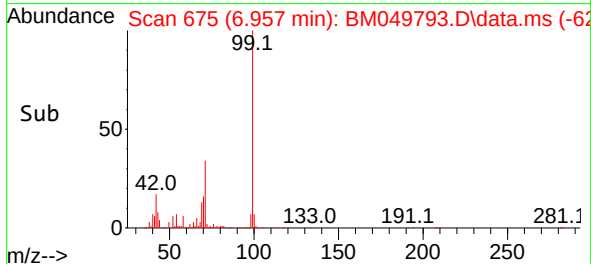
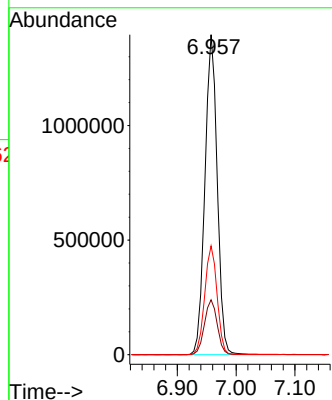
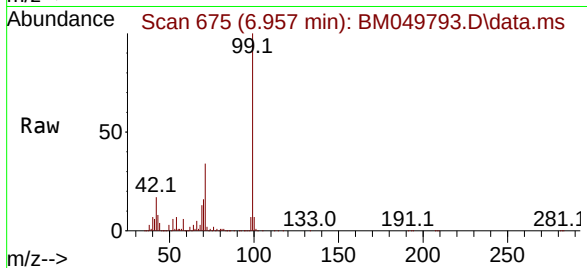


#7
Phenol-d6
Concen: 102.925 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049793.D
Acq: 02 Apr 2025 16:43

Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-002-01RE

Tgt Ion: 99 Resp: 2025949

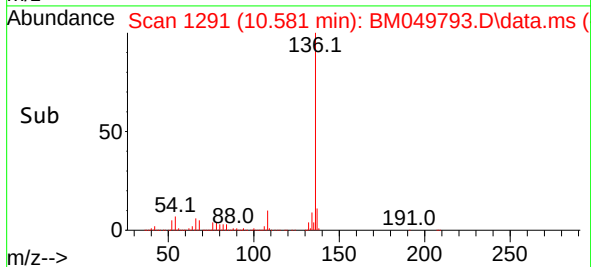
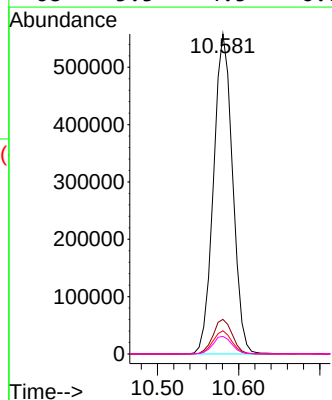
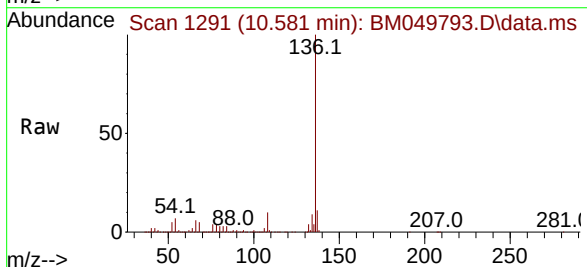
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.6	20.4
71	34.0	27.0	40.6

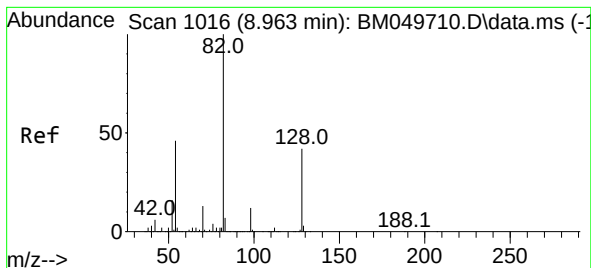


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049793.D
Acq: 02 Apr 2025 16:43

Tgt Ion: 136 Resp: 911013

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	7.2	5.8	8.8
68	5.5	4.5	6.7





#23

Nitrobenzene-d5

Concen: 68.078 ng

RT: 8.939 min Scan# 1016

Delta R.T. -0.024 min

Lab File: BM049793.D

Acq: 02 Apr 2025 16:43

Instrument :

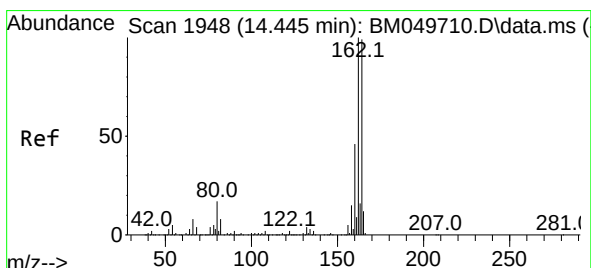
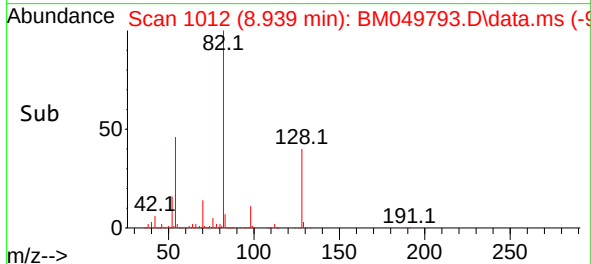
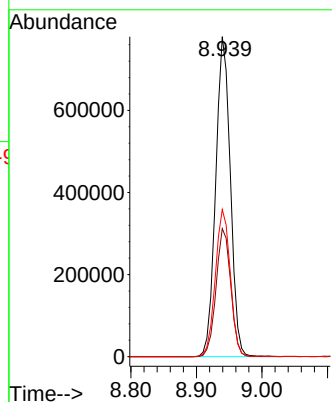
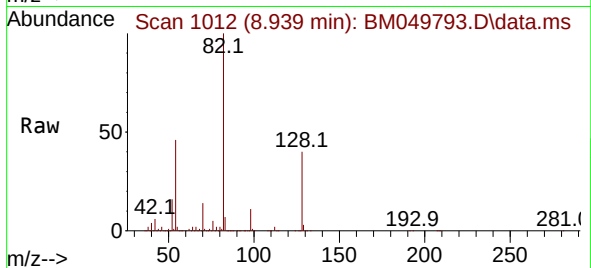
BNA_M

ClientSampleId :

P001-BBDGA-002-01RE

Tgt Ion: 82 Resp: 1207984

Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.4	50.0
54	46.0	36.4	54.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1945

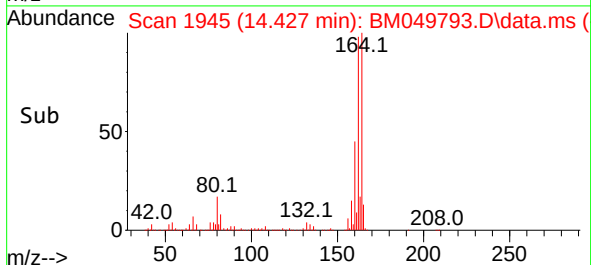
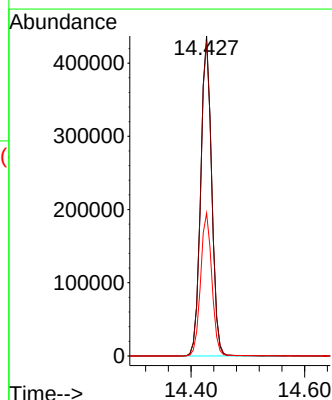
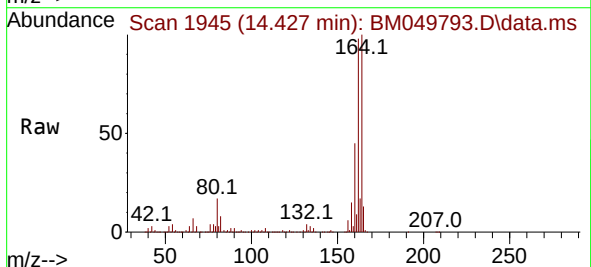
Delta R.T. -0.018 min

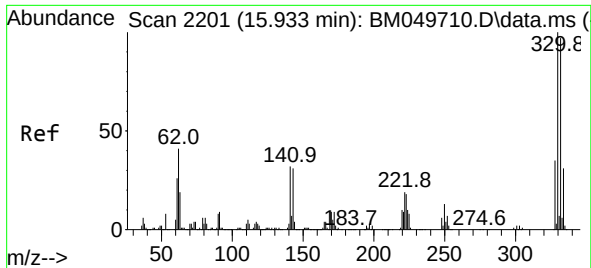
Lab File: BM049793.D

Acq: 02 Apr 2025 16:43

Tgt Ion: 164 Resp: 584281

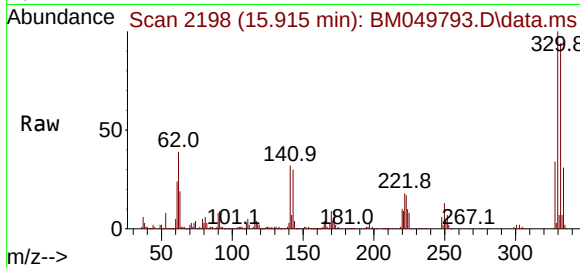
Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.5	120.7
160	44.6	36.9	55.3



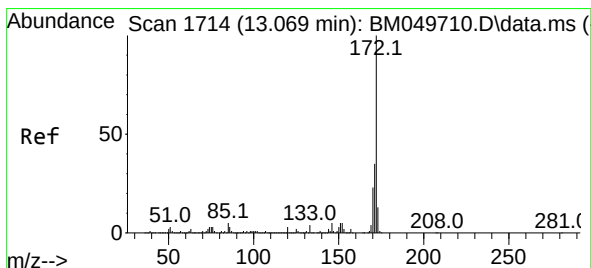
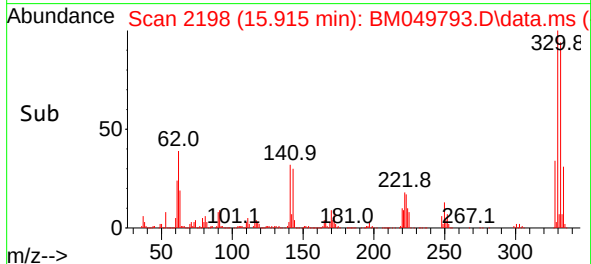
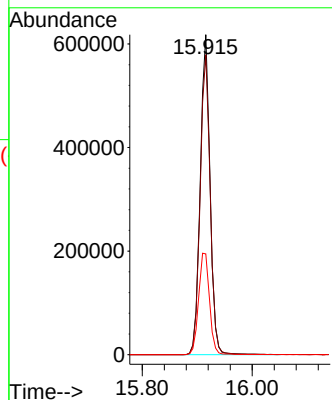


#42
2,4,6-Tribromophenol
Concen: 113.023 ng
RT: 15.915 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049793.D
Acq: 02 Apr 2025 16:43

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P001-BBDGA-002-01RE

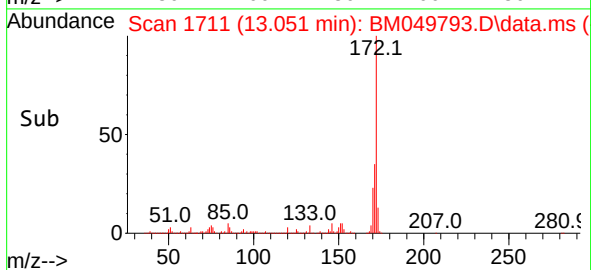
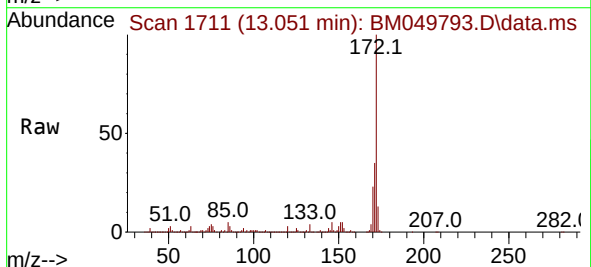
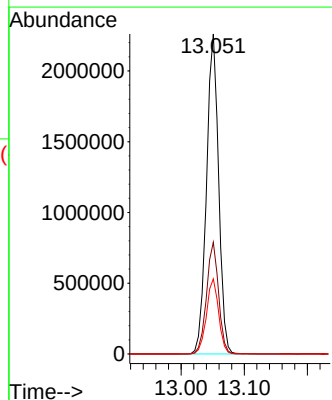


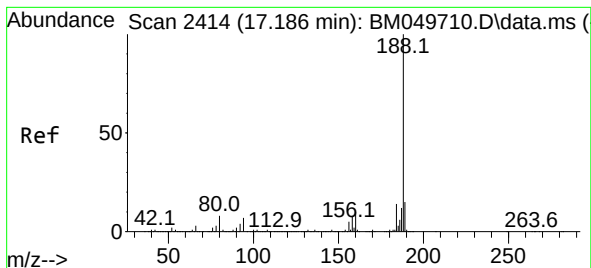
Tgt Ion:330 Resp: 771113
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 35.1 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 64.733 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049793.D
Acq: 02 Apr 2025 16:43

Tgt Ion:172 Resp: 3020020
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.4 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.168 min Scan# 2414

Delta R.T. -0.018 min

Lab File: BM049793.D

Acq: 02 Apr 2025 16:43

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-002-01RE

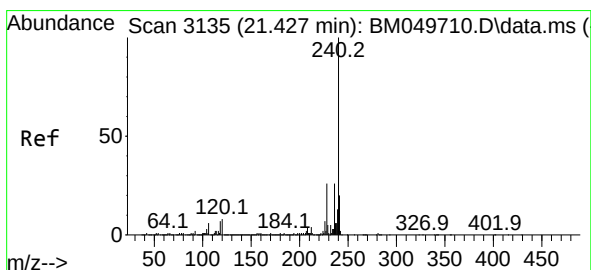
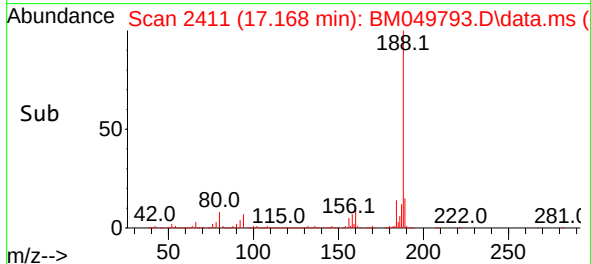
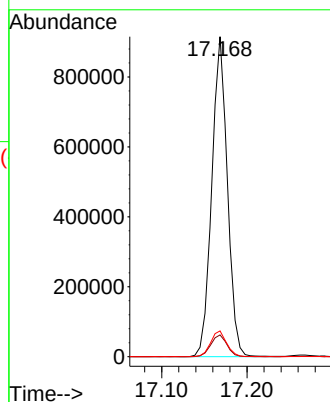
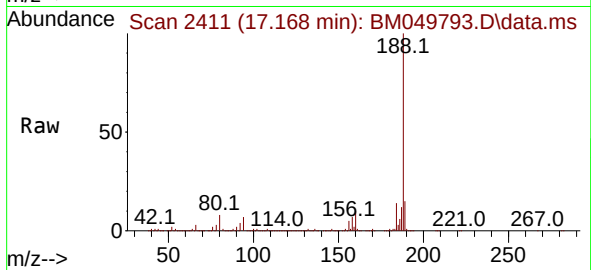
Tgt Ion:188 Resp: 1161738

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.6

80 8.0 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.403 min Scan# 3131

Delta R.T. -0.024 min

Lab File: BM049793.D

Acq: 02 Apr 2025 16:43

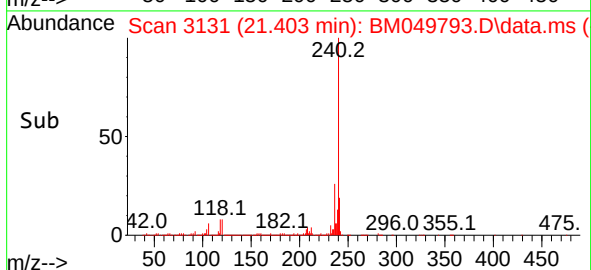
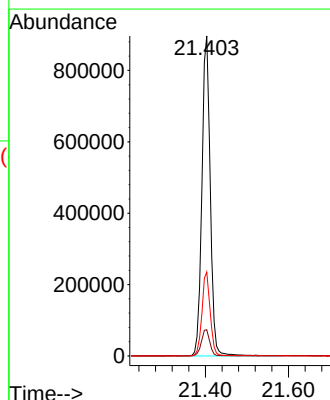
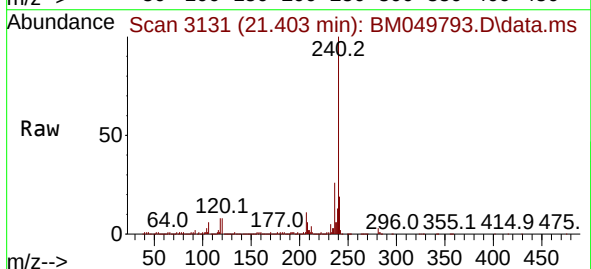
Tgt Ion:240 Resp: 1251607

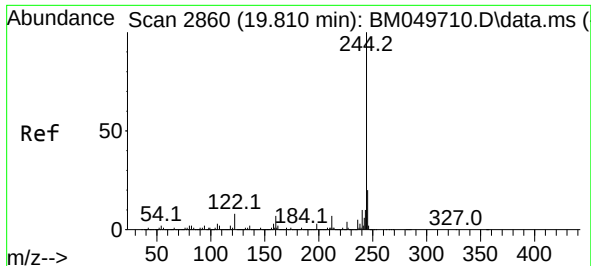
Ion Ratio Lower Upper

240 100

120 8.2 6.5 9.7

236 26.2 20.7 31.1

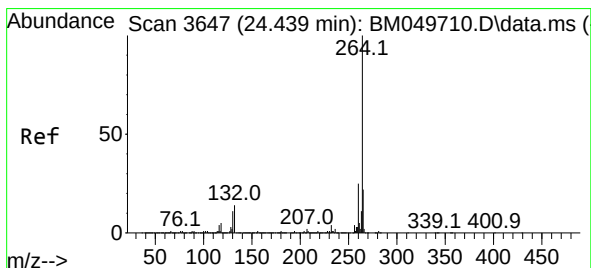
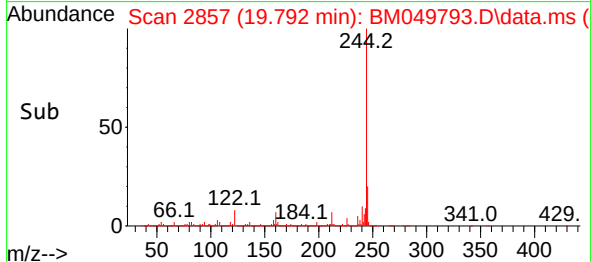
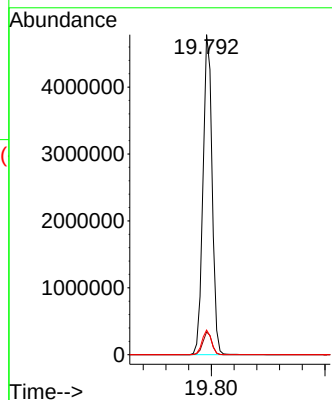
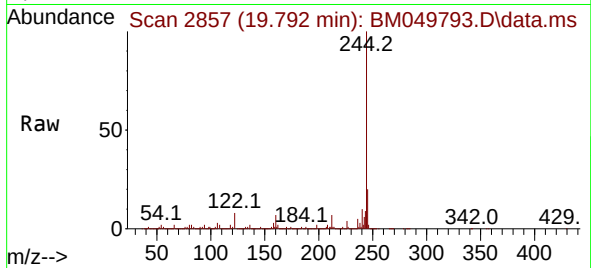




#79
 Terphenyl-d14
 Concen: 71.739 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM049793.D
 Acq: 02 Apr 2025 16:43

Instrument :
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 P001-BBDGA-002-01RE

Tgt Ion:244 Resp: 5328314
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 7.7 6.0 9.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.397 min Scan# 3640
 Delta R.T. -0.041 min
 Lab File: BM049793.D
 Acq: 02 Apr 2025 16:43

Tgt Ion:264 Resp: 1282226
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 21.9 18.2 27.2

