

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040225\
 Data File : BM049794.D
 Acq On : 02 Apr 2025 17:22
 Operator : RC/JU
 Sample : Q1664-17RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-BBDGA-006-01RE

Quant Time: Apr 02 18:17:55 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	265201	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	906107	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	569854	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1129284	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1215932	20.000	ng	-0.02
86) Perylene-d12	24.397	264	1241513	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1878266	119.504	ng	-0.02
7) Phenol-d6	6.957	99	2402938	121.826	ng	-0.02
23) Nitrobenzene-d5	8.939	82	1443387	81.785	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	879433	132.162	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3577041	78.613	ng	-0.02
79) Terphenyl-d14	19.792	244	6160578	85.378	ng	-0.02

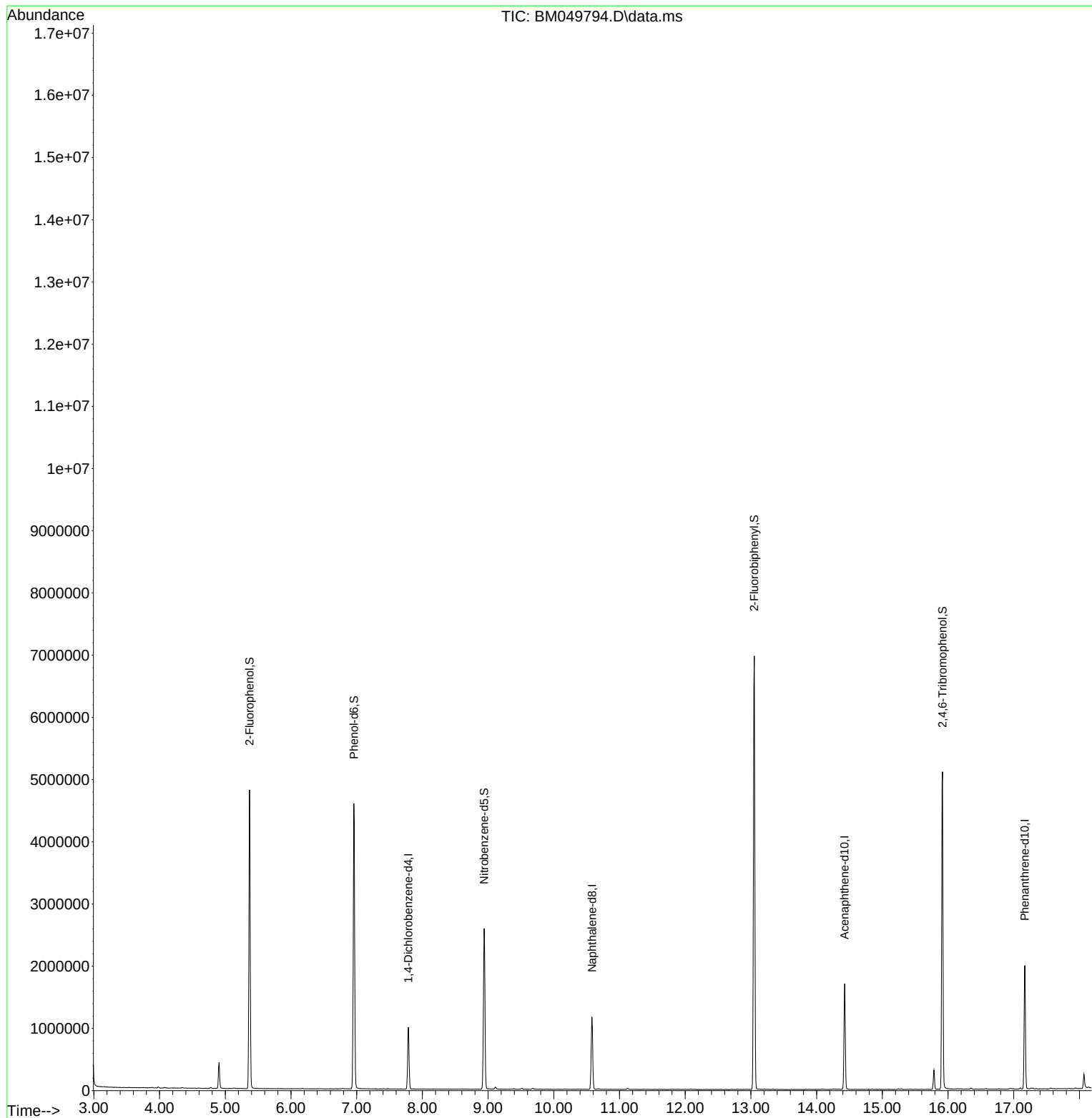
Target Compounds	Qvalue

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

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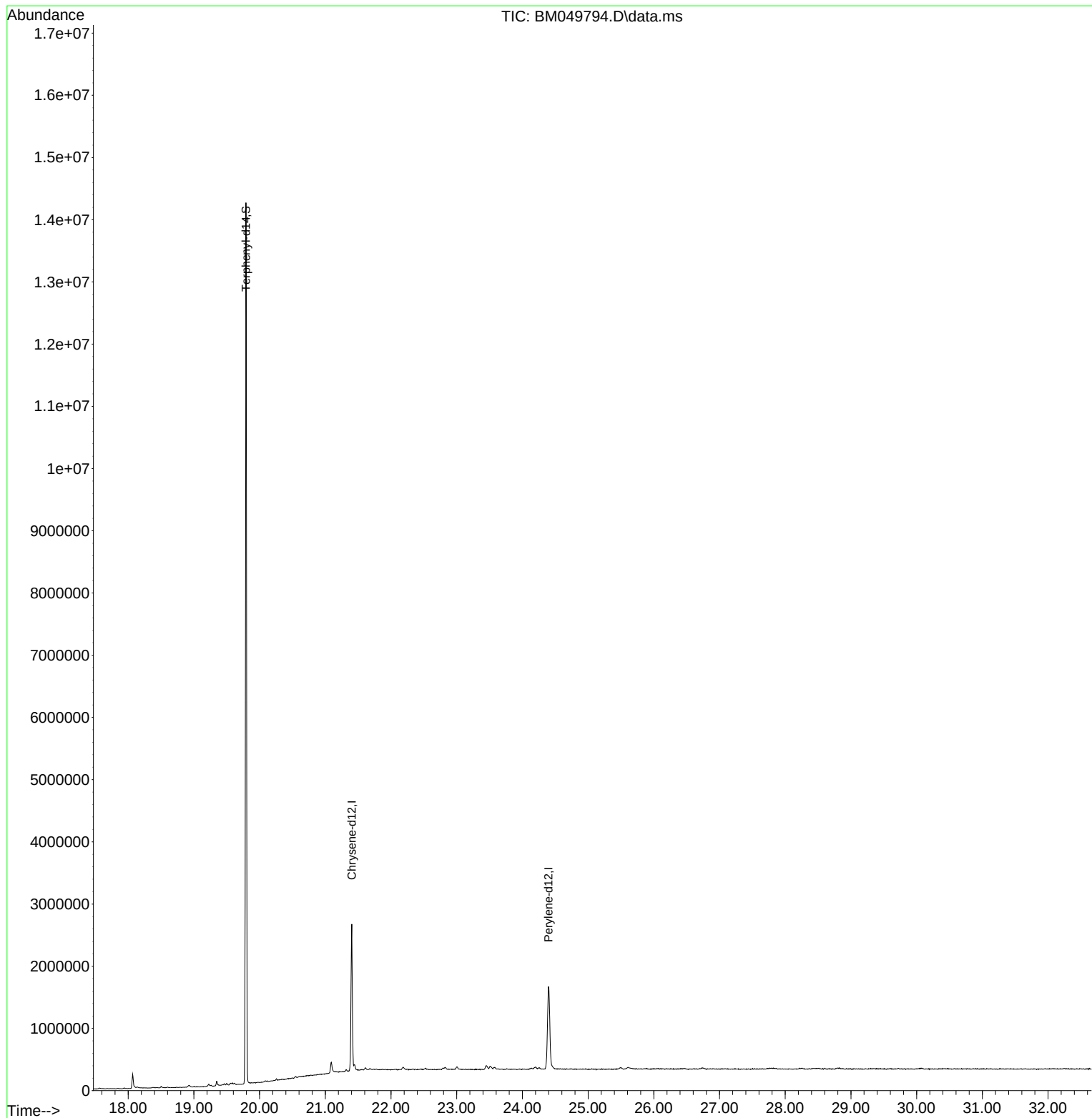
Quant Time: Apr 02 18:17:55 2025
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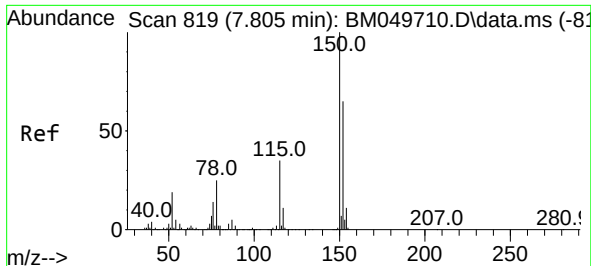


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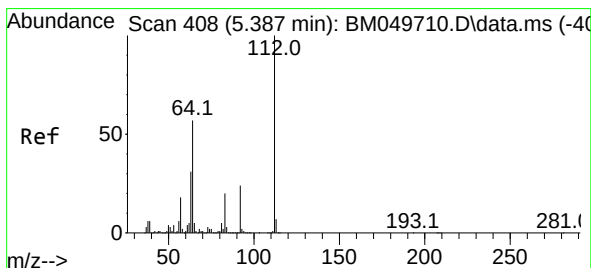
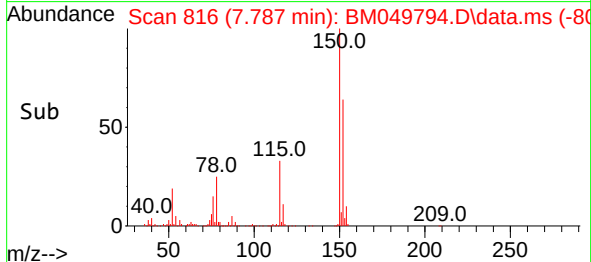
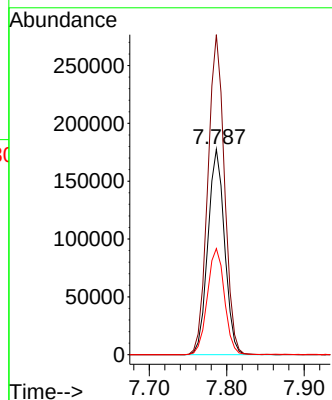
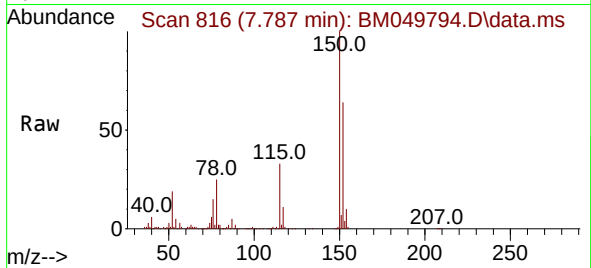




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 819
Delta R.T. -0.018 min
Lab File: BM049794.D
Acq: 02 Apr 2025 17:22

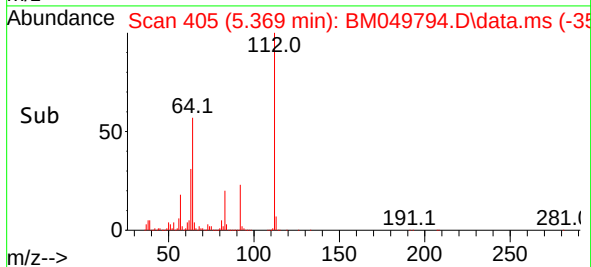
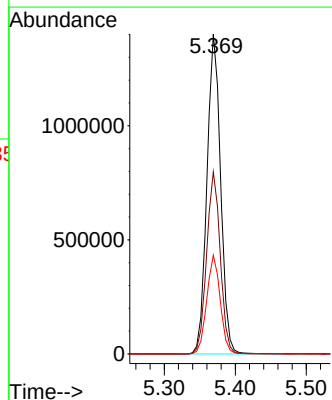
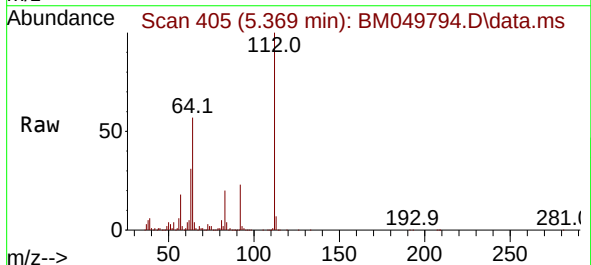
Instrument :
BNA_M
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P001-BBDGA-006-01RE

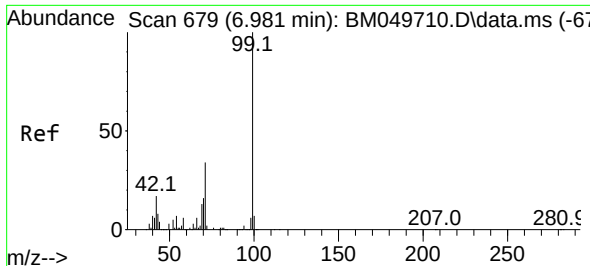
Tgt Ion:152 Resp: 265201
Ion Ratio Lower Upper
152 100
150 155.8 123.8 185.8
115 51.7 43.0 64.6



#5
2-Fluorophenol
Concen: 119.504 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.018 min
Lab File: BM049794.D
Acq: 02 Apr 2025 17:22

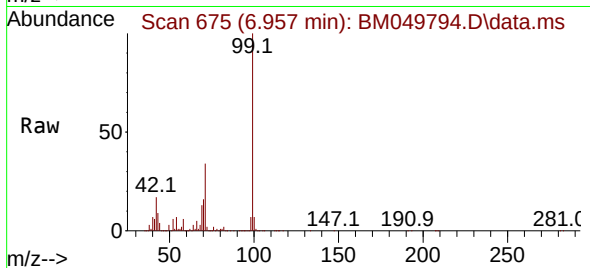
Tgt Ion:112 Resp: 1878266
Ion Ratio Lower Upper
112 100
64 56.9 45.3 67.9
63 30.8 24.4 36.6





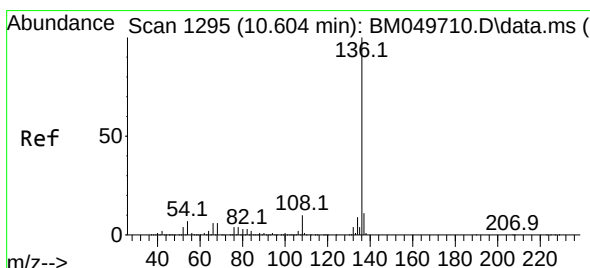
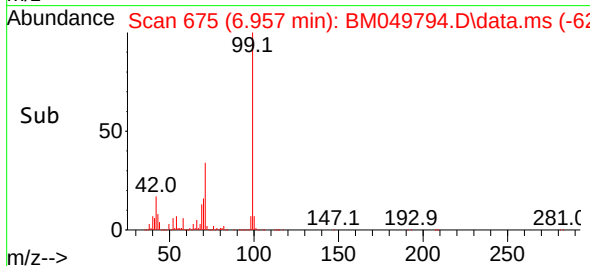
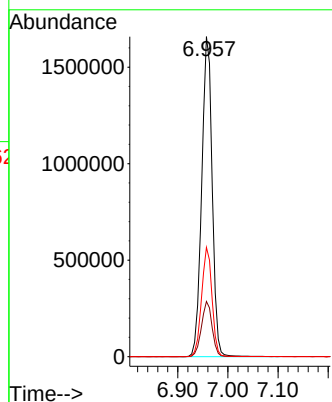
#7
Phenol-d6
Concen: 121.826 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049794.D
Acq: 02 Apr 2025 17:22

Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-006-01RE



Tgt Ion: 99 Resp: 2402938

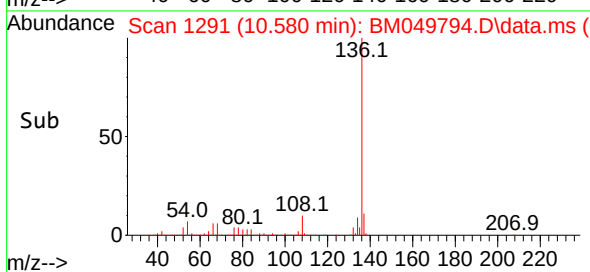
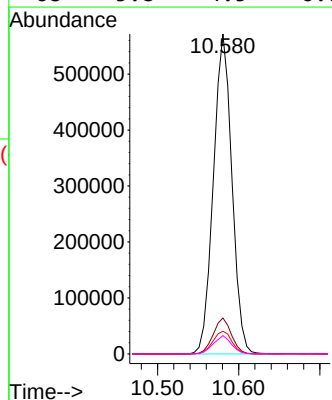
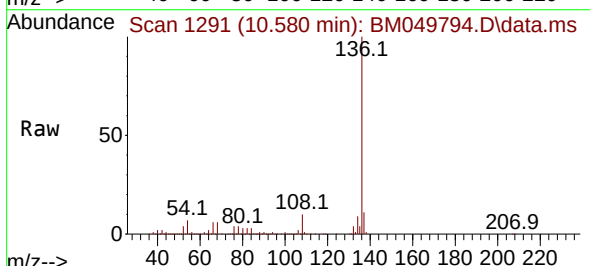
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.6	20.4
71	34.2	27.0	40.6

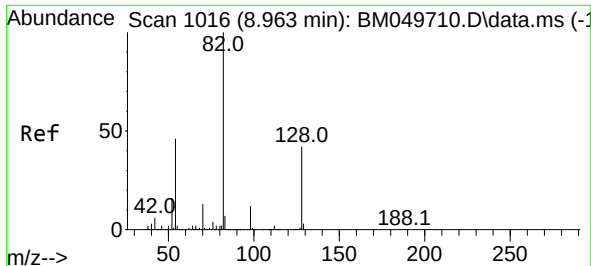


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049794.D
Acq: 02 Apr 2025 17:22

Tgt Ion: 136 Resp: 906107

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	7.1	5.8	8.8
68	5.8	4.5	6.7





#23

Nitrobenzene-d5

Concen: 81.785 ng

RT: 8.939 min Scan# 1016

Delta R.T. -0.024 min

Lab File: BM049794.D

Acq: 02 Apr 2025 17:22

Instrument :

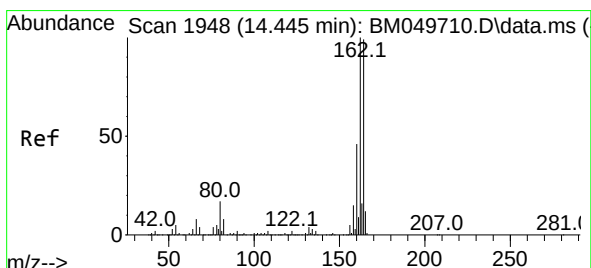
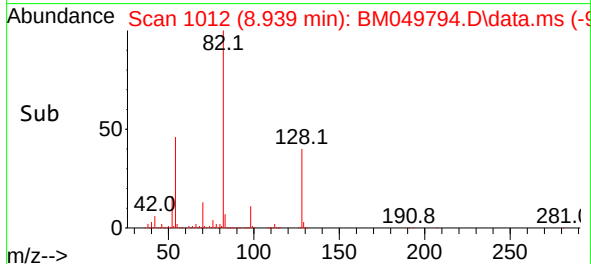
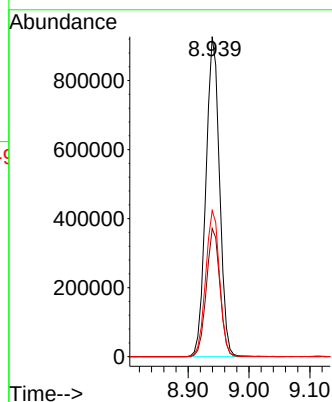
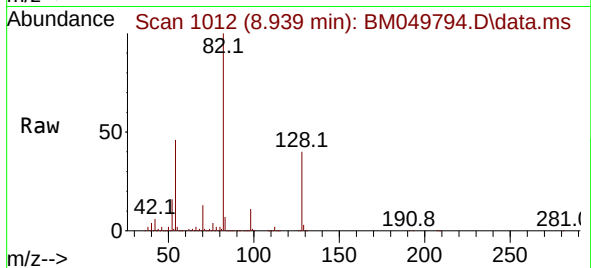
BNA_M

ClientSampleId :

P001-BBDGA-006-01RE

Tgt Ion: 82 Resp: 1443387

Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.4	50.0
54	45.7	36.4	54.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1945

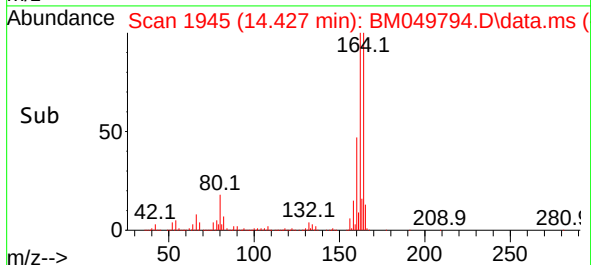
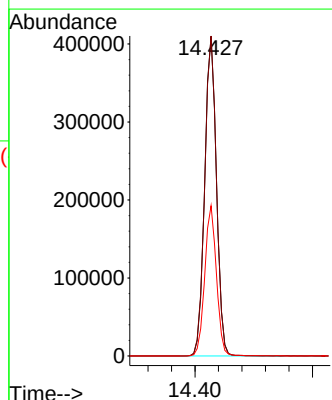
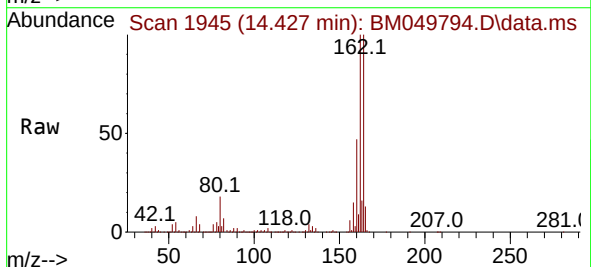
Delta R.T. -0.018 min

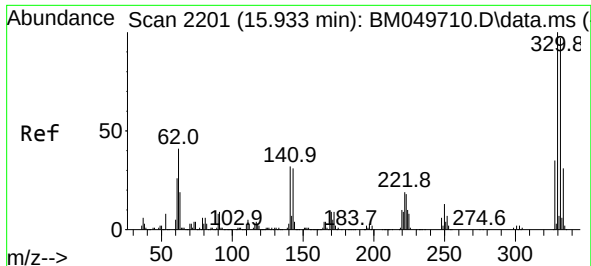
Lab File: BM049794.D

Acq: 02 Apr 2025 17:22

Tgt Ion: 164 Resp: 569854

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.5	120.7
160	47.0	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 132.162 ng

RT: 15.915 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049794.D

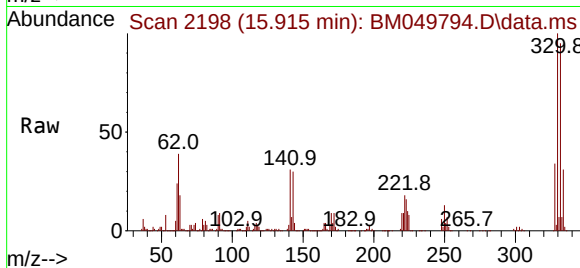
Acq: 02 Apr 2025 17:22

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-006-01RE



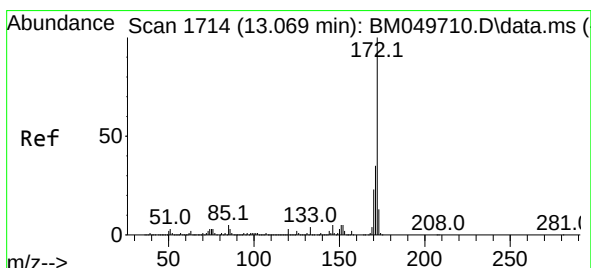
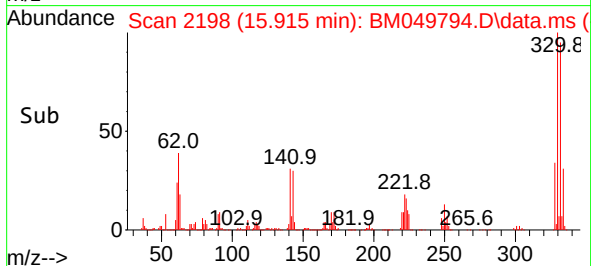
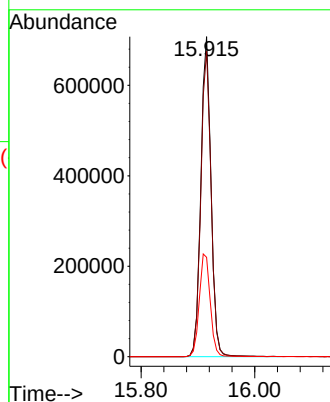
Tgt Ion:330 Resp: 879433

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.4

141 34.8 27.8 41.6



#45

2-Fluorobiphenyl

Concen: 78.613 ng

RT: 13.051 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BM049794.D

Acq: 02 Apr 2025 17:22

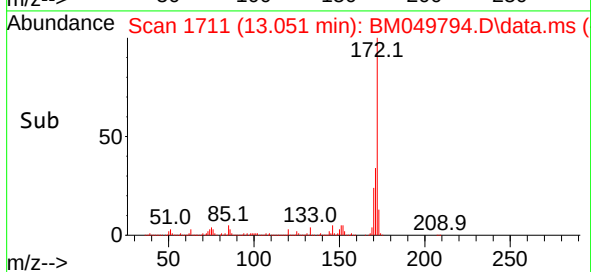
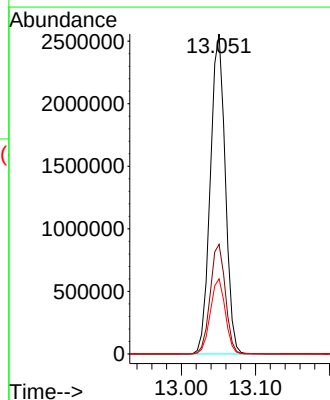
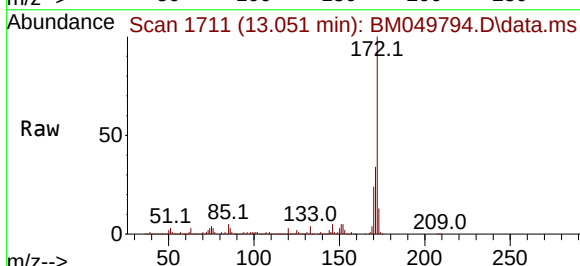
Tgt Ion:172 Resp: 3577041

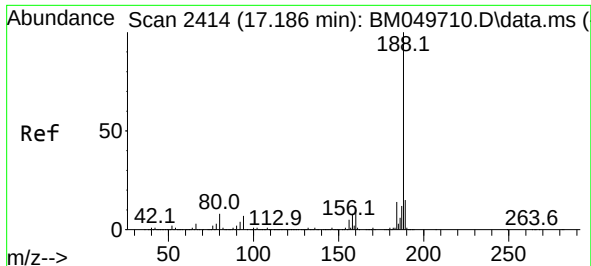
Ion Ratio Lower Upper

172 100

171 34.3 27.9 41.9

170 23.5 18.6 28.0

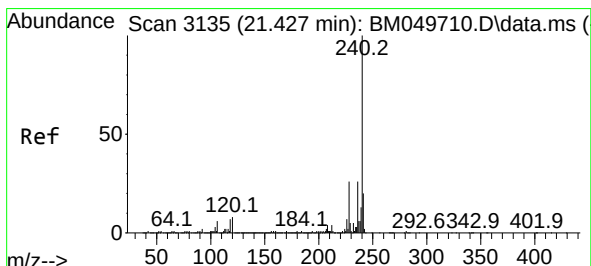
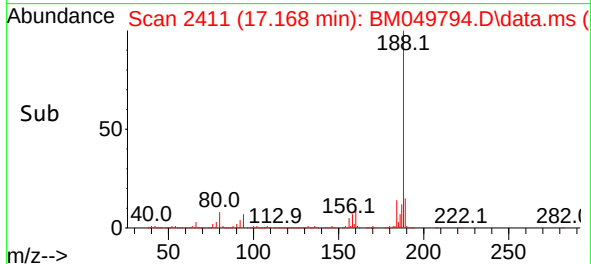
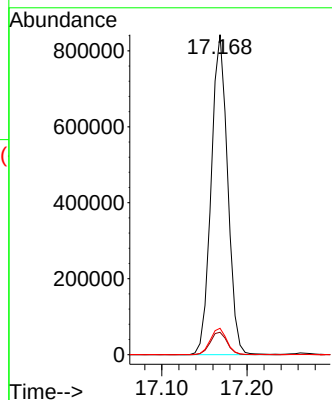
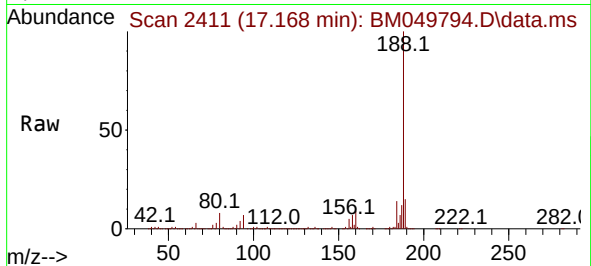




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BM049794.D
Acq: 02 Apr 2025 17:22

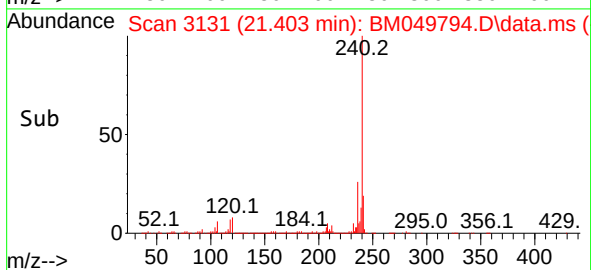
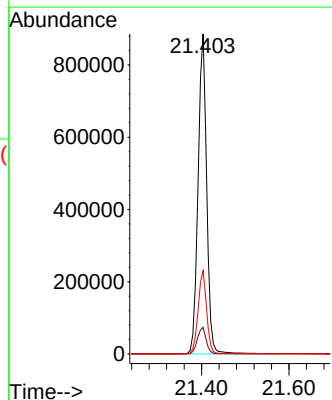
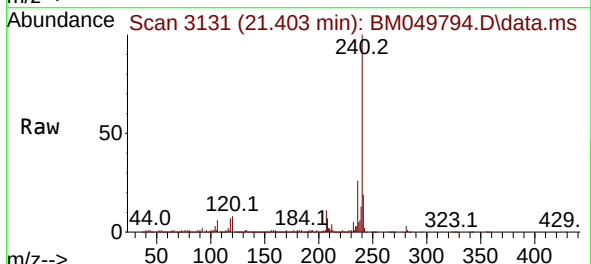
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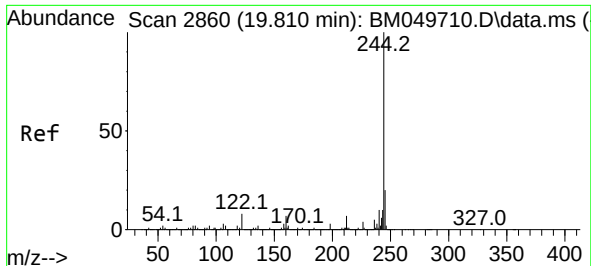
Tgt Ion:188 Resp: 1129284
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.6
80 8.2 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049794.D
Acq: 02 Apr 2025 17:22

Tgt Ion:240 Resp: 1215932
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 26.1 20.7 31.1

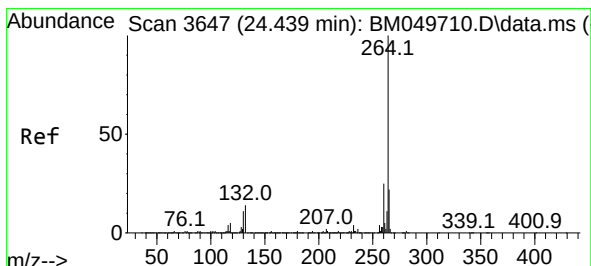
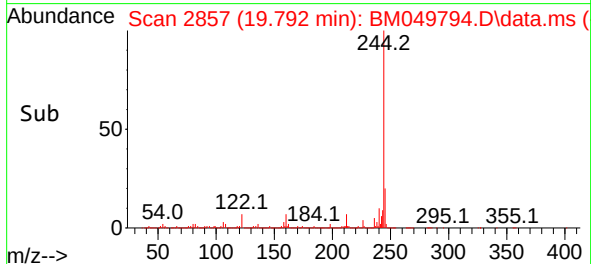
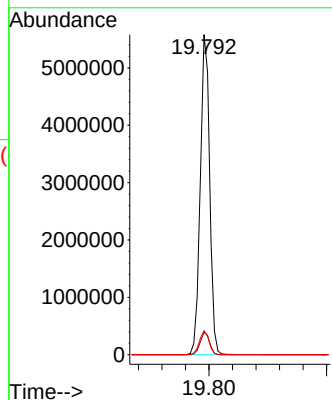
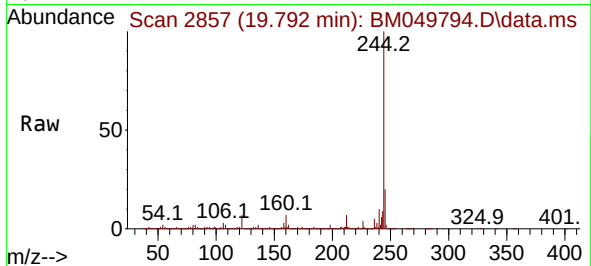




#79
 Terphenyl-d14
 Concen: 85.378 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM049794.D
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Tgt Ion:244 Resp: 6160578
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 7.5 6.0 9.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.397 min Scan# 3640
 Delta R.T. -0.042 min
 Lab File: BM049794.D
 Acq: 02 Apr 2025 17:22

Tgt Ion:264 Resp: 1241513
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 21.5 18.2 27.2

