

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)

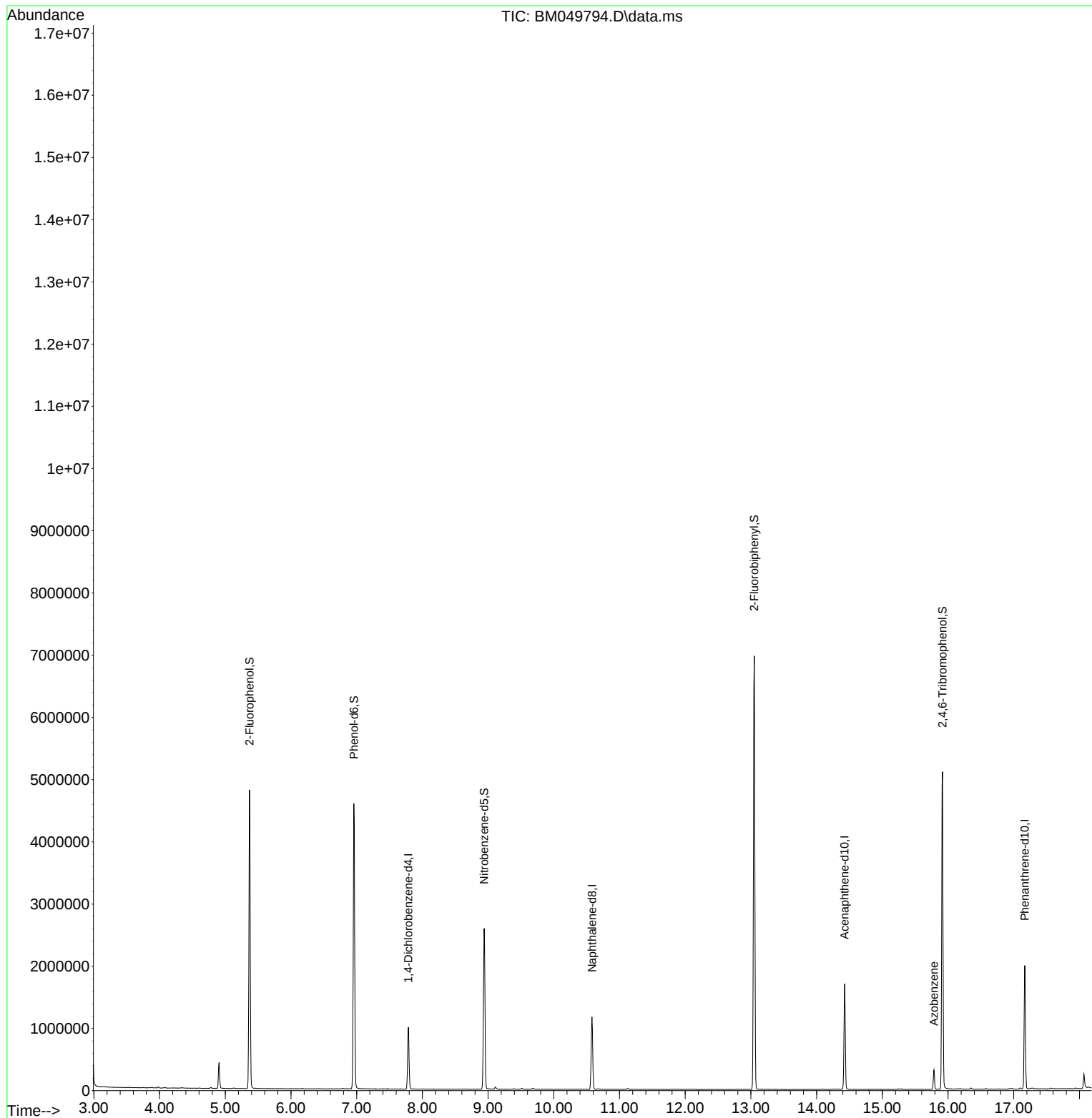
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	265201	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	906107	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	569854	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1129284	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1215932	20.000	ng	-0.02
86) 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						
63) Azobenzene	15.786	77	82275	2.331	ng	Qvalue # 1

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

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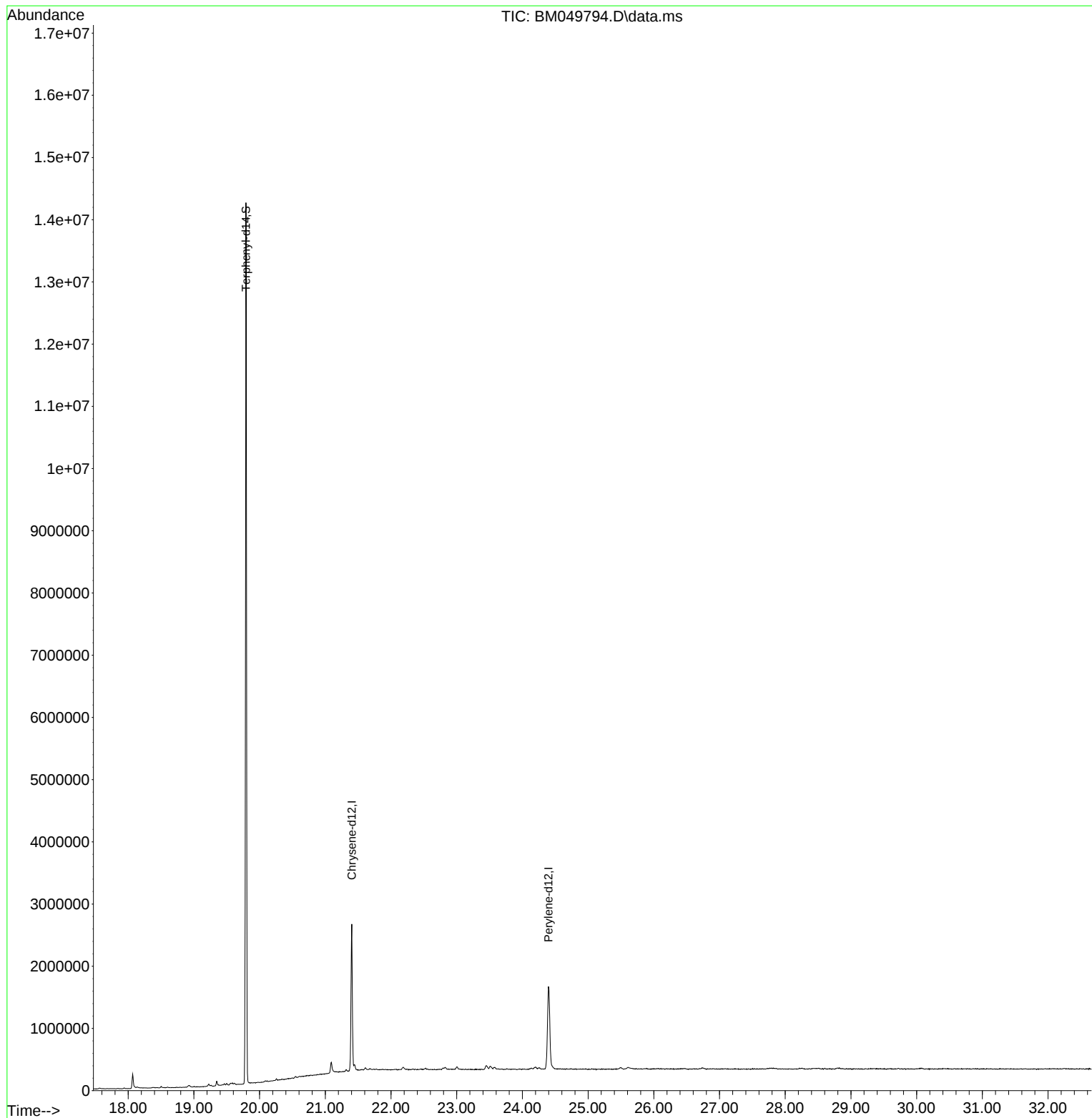
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
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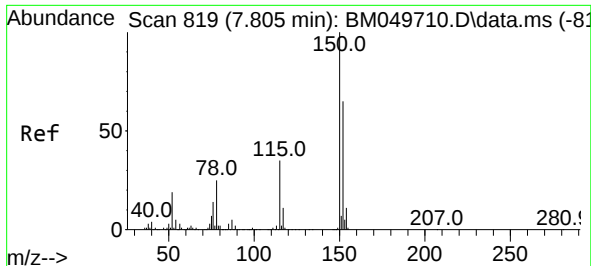


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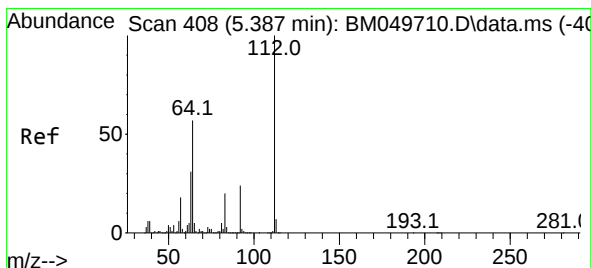
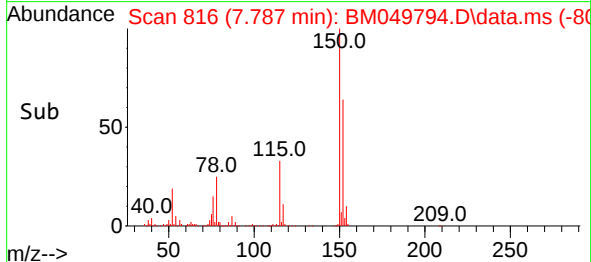
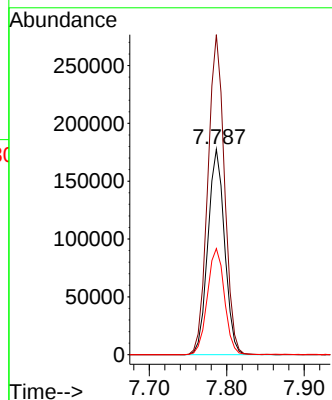
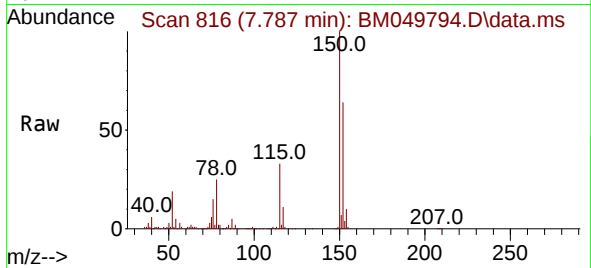




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049794.D
Acq: 02 Apr 2025 17:22

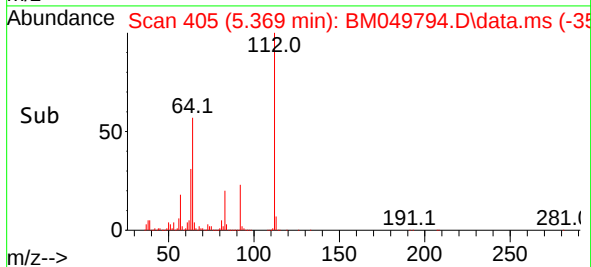
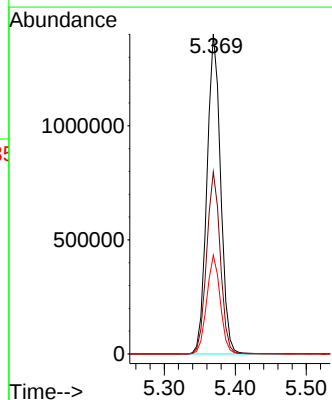
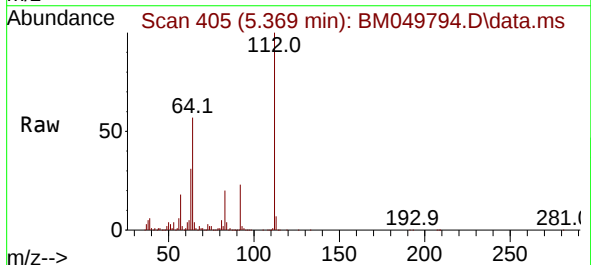
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-006-01RE

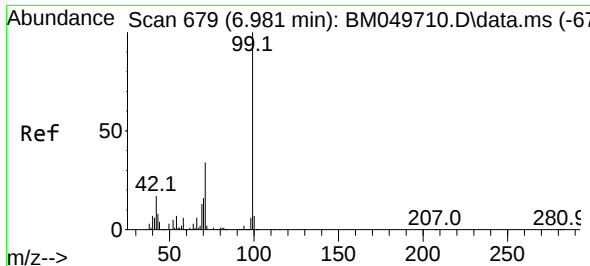
Tgt Ion:152 Resp: 265201
Ion Ratio Lower Upper
152 100
150 155.8 123.8 185.8
115 51.7 43.0 64.6



#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

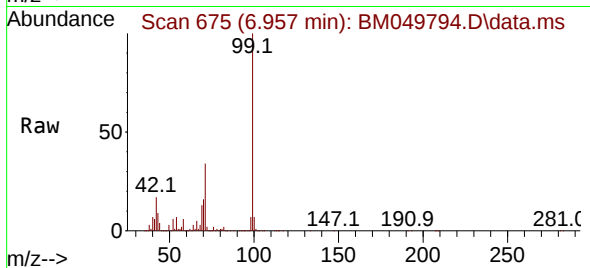
Tgt Ion:112 Resp: 1878266
Ion Ratio Lower Upper
112 100
64 56.9 45.3 67.9
63 30.8 24.4 36.6





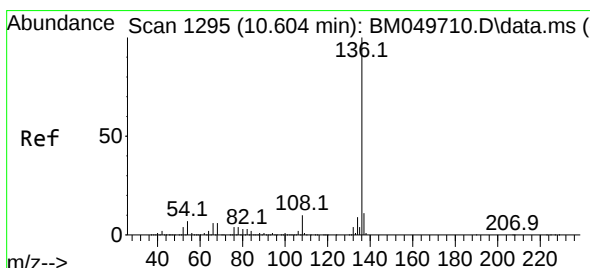
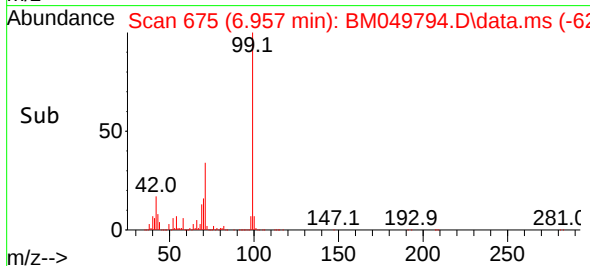
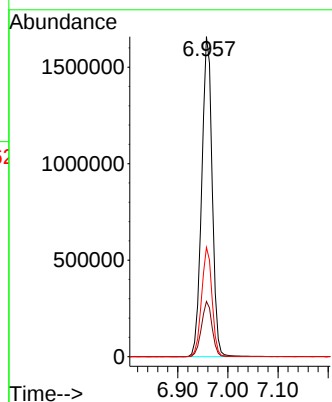
#7
Phenol-d6
Concen: 121.826 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049794.D
Acq: 02 Apr 2025 17:22

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



Tgt Ion: 99 Resp: 2402938

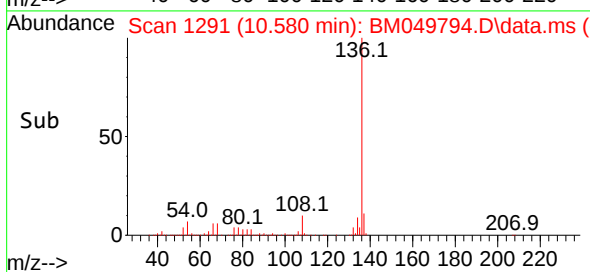
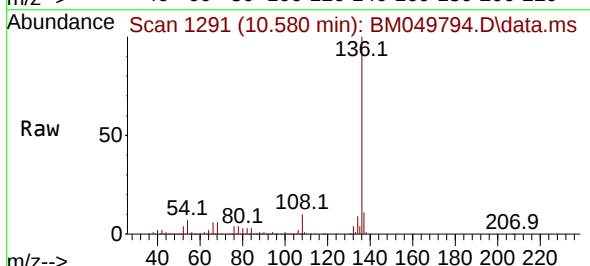
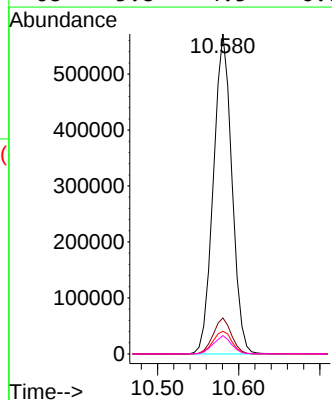
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.6	20.4
71	34.2	27.0	40.6

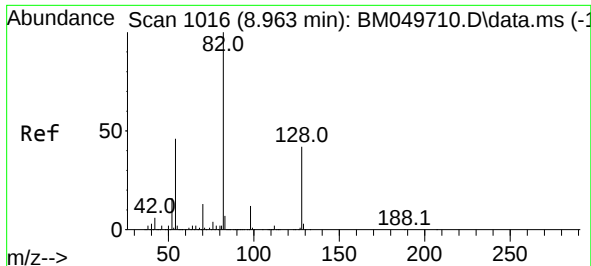


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049794.D
Acq: 02 Apr 2025 17:22

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

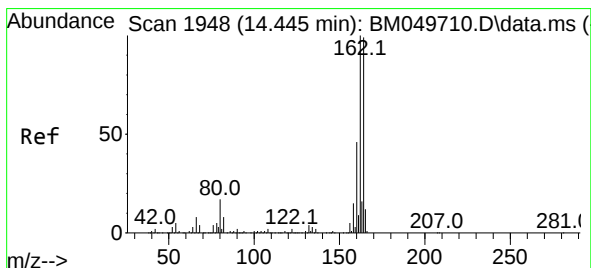
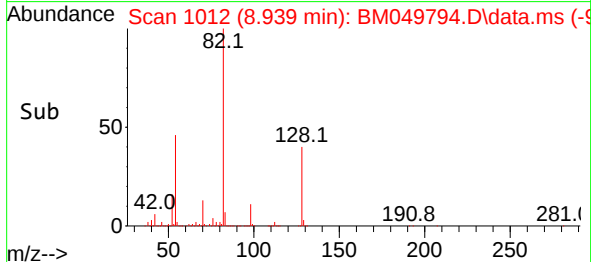
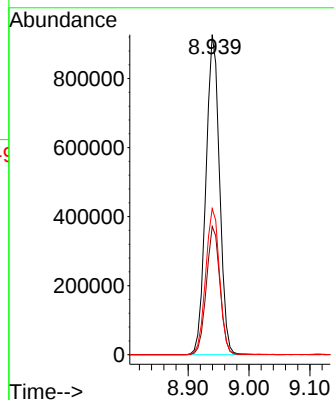
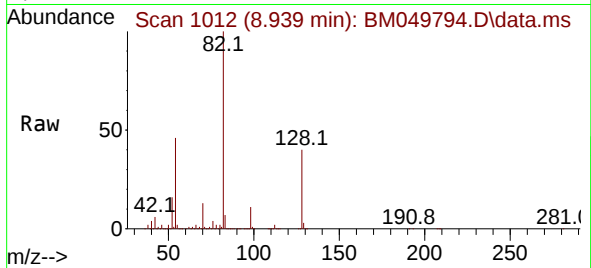




#23
Nitrobenzene-d5
Concen: 81.785 ng
RT: 8.939 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BM049794.D
Acq: 02 Apr 2025 17:22

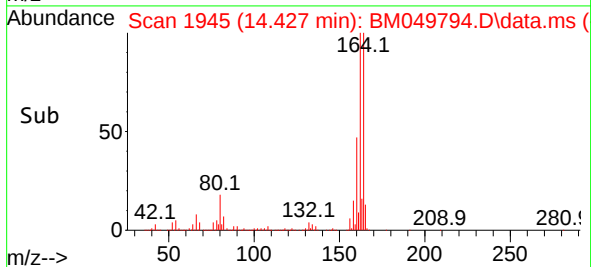
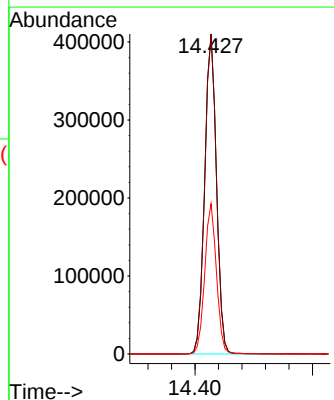
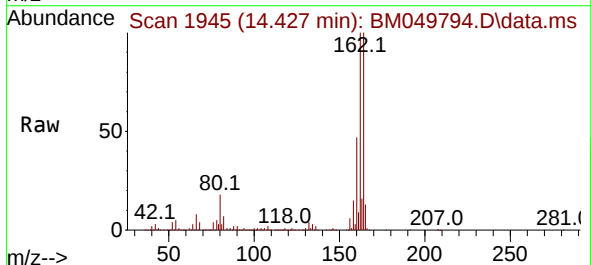
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-006-01RE

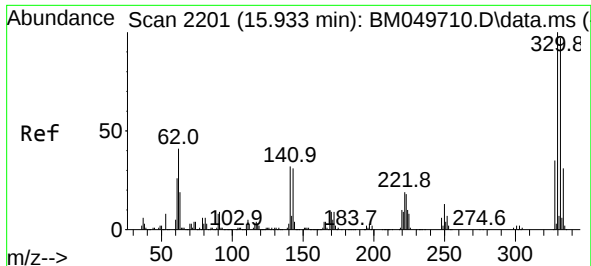
Tgt Ion: 82 Resp: 1443387
Ion Ratio Lower Upper
82 100
128 40.0 33.4 50.0
54 45.7 36.4 54.6



#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

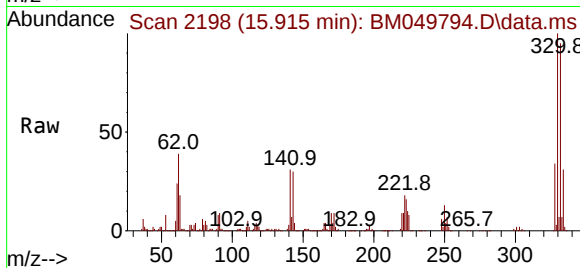
Tgt Ion:164 Resp: 569854
Ion Ratio Lower Upper
164 100
162 100.2 80.5 120.7
160 47.0 36.9 55.3



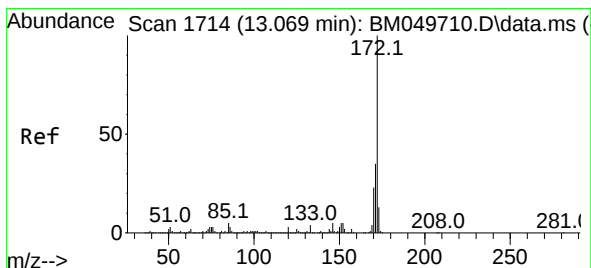
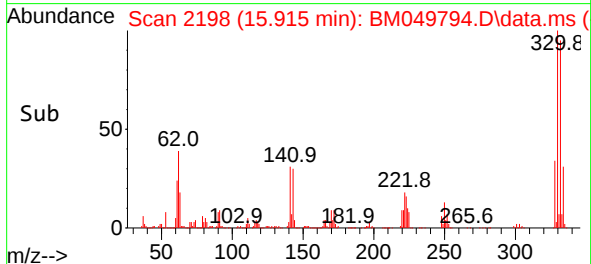
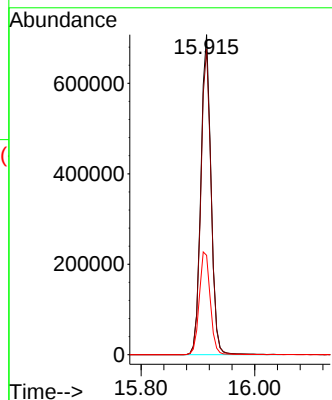


#42
2,4,6-Tribromophenol
Concen: 132.162 ng
RT: 15.915 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049794.D
Acq: 02 Apr 2025 17:22

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

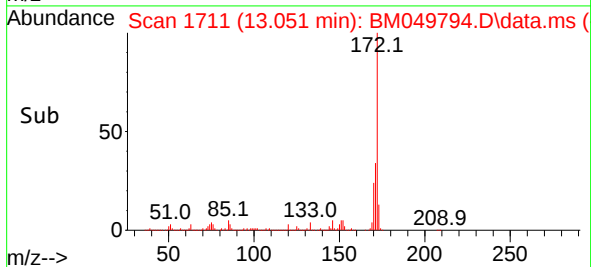
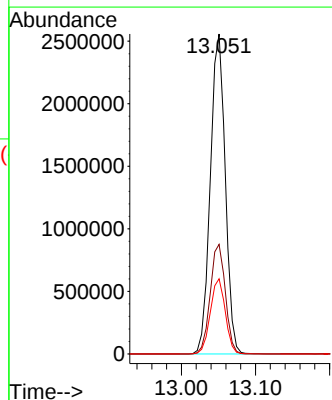
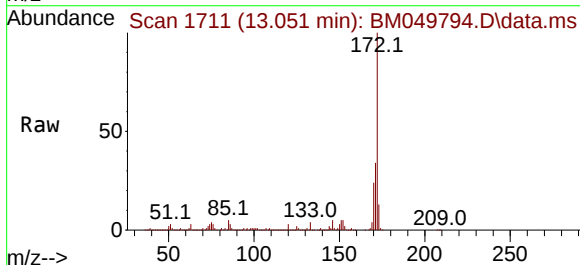


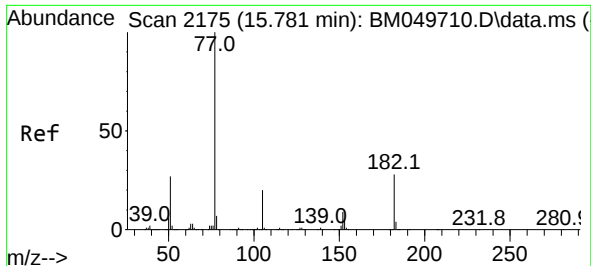
Tgt Ion:330 Resp: 879433
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 34.8 27.8 41.6



#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

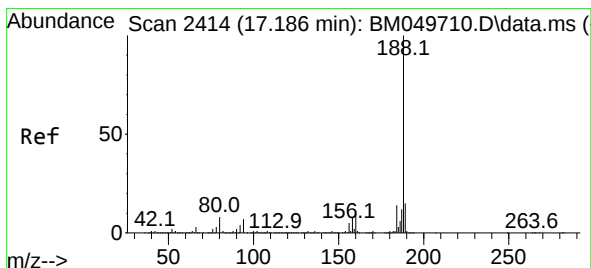
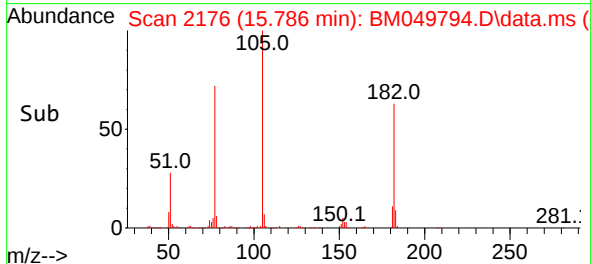
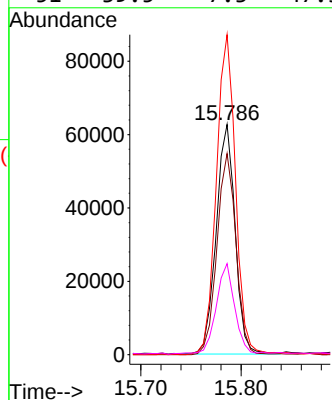
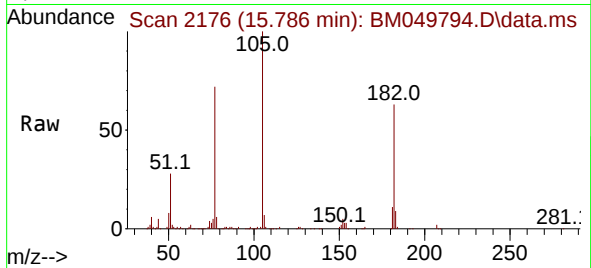




#63
Azobenzene
Concen: 2.331 ng
RT: 15.786 min Scan# 2175
Delta R.T. 0.005 min
Lab File: BM049794.D
Acq: 02 Apr 2025 17:22

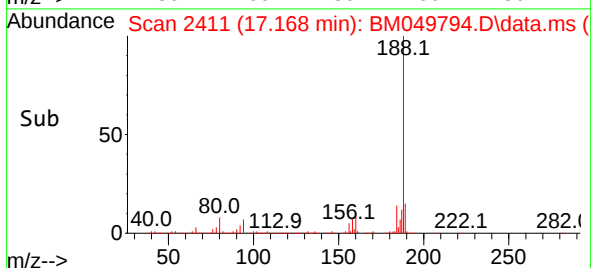
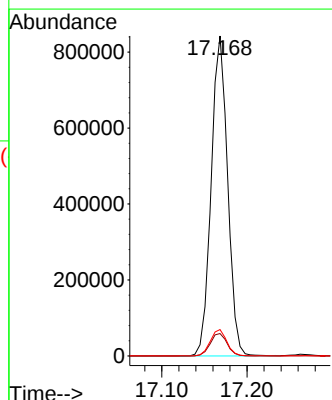
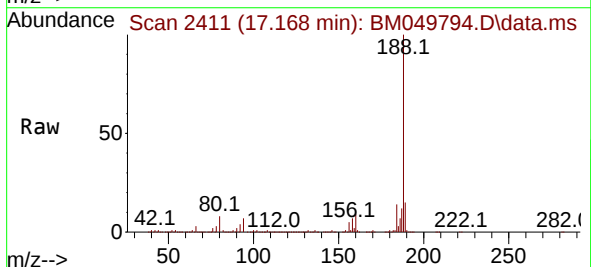
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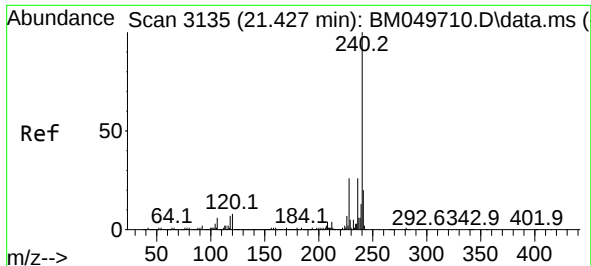
Tgt Ion: 77 Resp: 82275
Ion Ratio Lower Upper
77 100
182 87.4 8.0 48.0#
105 139.0 0.0 40.0#
51 39.5 7.3 47.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BM049794.D
Acq: 02 Apr 2025 17:22

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

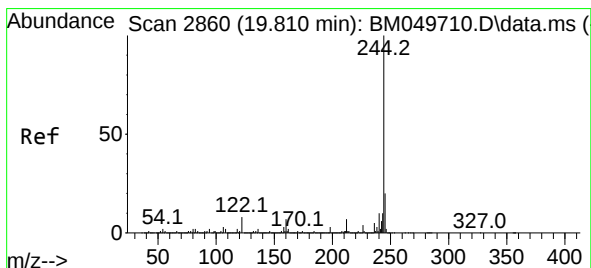
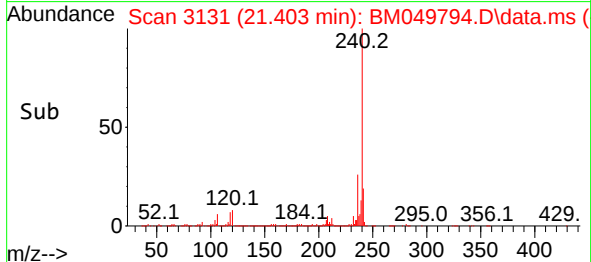
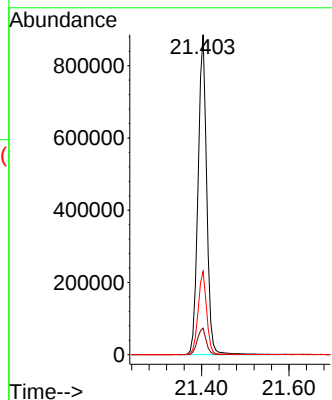
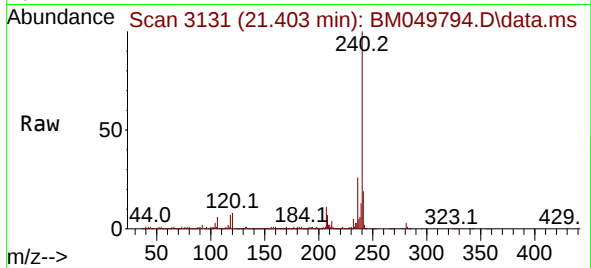




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 31
Delta R.T. -0.024 min
Lab File: BM049794.D
Acq: 02 Apr 2025 17:22

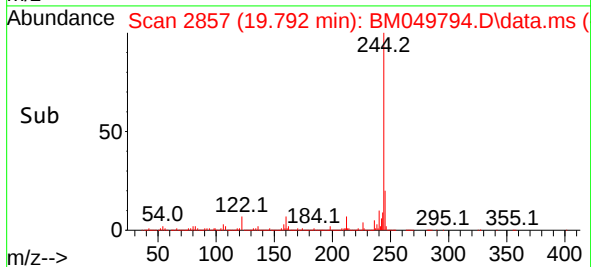
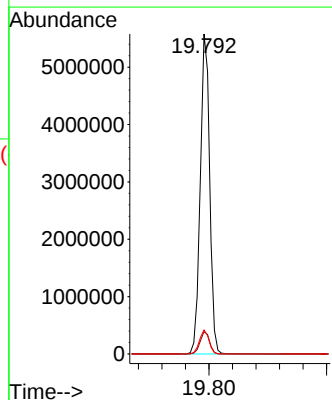
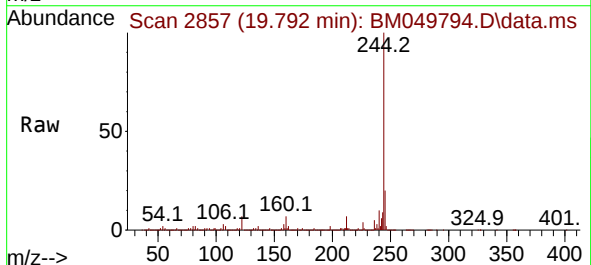
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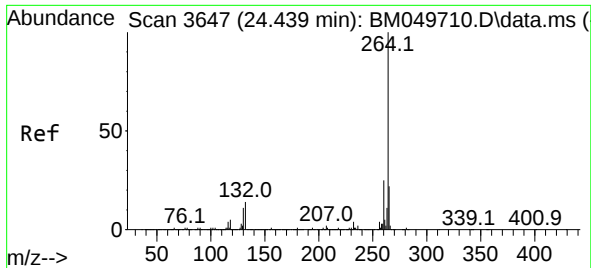
Tgt Ion:240 Resp: 1215932
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 26.1 20.7 31.1



#79
Terphenyl-d14
Concen: 85.378 ng
RT: 19.792 min Scan# 2857
Delta R.T. -0.018 min
Lab File: BM049794.D
Acq: 02 Apr 2025 17:22

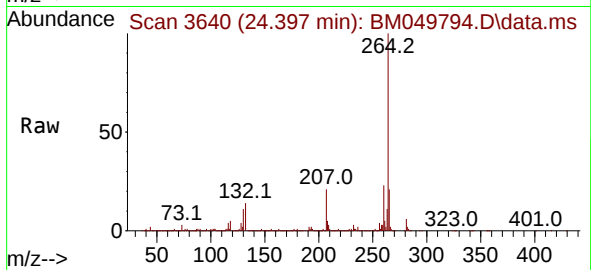
Tgt Ion:244 Resp: 6160578
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 7.5 6.0 9.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.397 min Scan# 30
 Delta R.T. -0.042 min
 Lab File: BM049794.D
 Acq: 02 Apr 2025 17:22

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



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

