

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040225\
 Data File : BM049795.D
 Acq On : 02 Apr 2025 18:00
 Operator : RC/JU
 Sample : Q1664-15RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-BBDGA-005-01RE

Quant Time: Apr 03 00:48:18 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	7.786	152	265150	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	907664	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	583290	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1154414	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1240642	20.000	ng	-0.02
86) Perylene-d12	24.397	264	1248572	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1625131	103.418	ng	-0.02
7) Phenol-d6	6.957	99	2115757	107.287	ng	-0.02
23) Nitrobenzene-d5	8.939	82	1258176	71.168	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	799118	117.326	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3195833	68.618	ng	-0.02
79) Terphenyl-d14	19.792	244	5750471	78.107	ng	-0.02

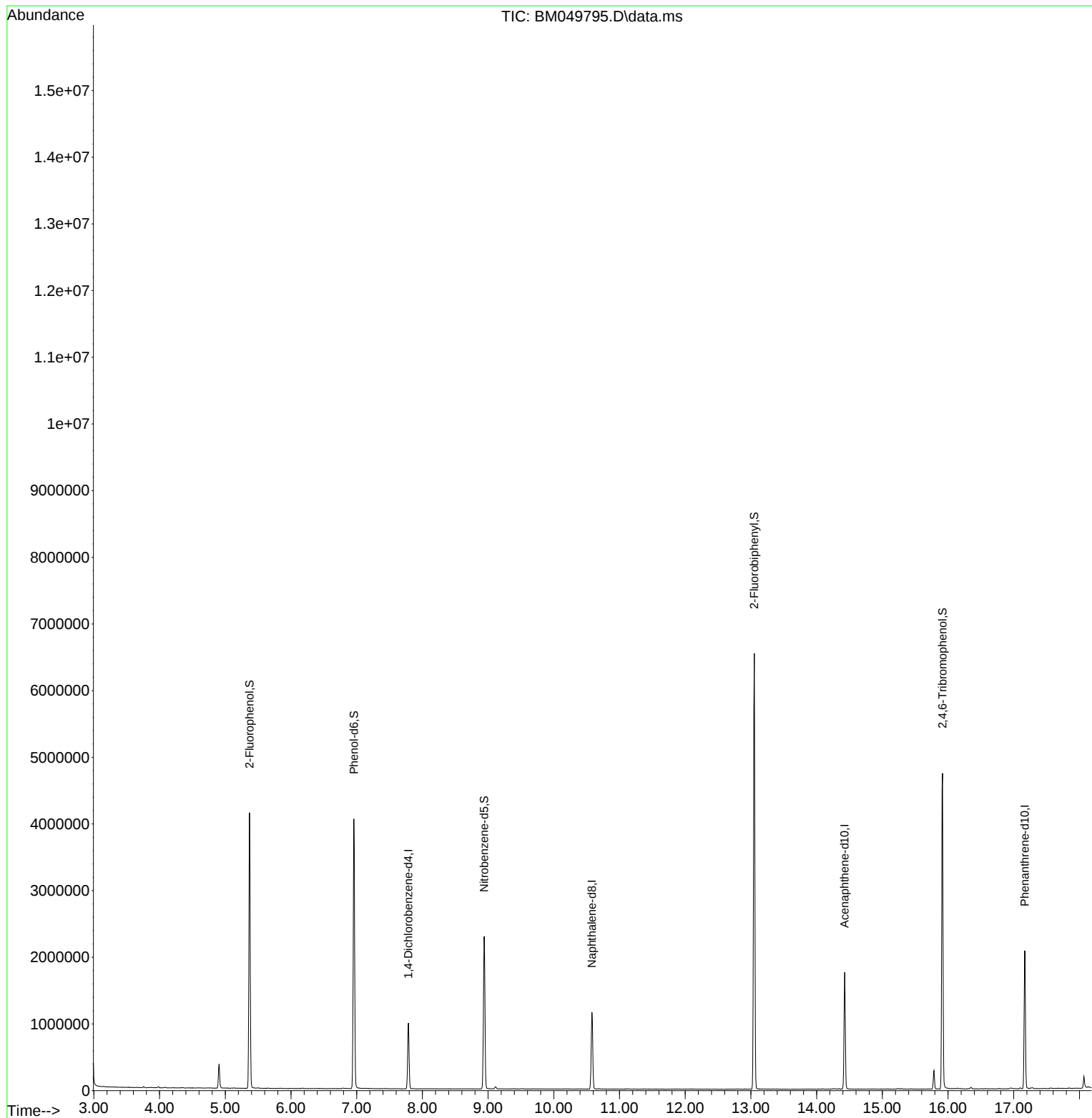
Target Compounds	Qvalue

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

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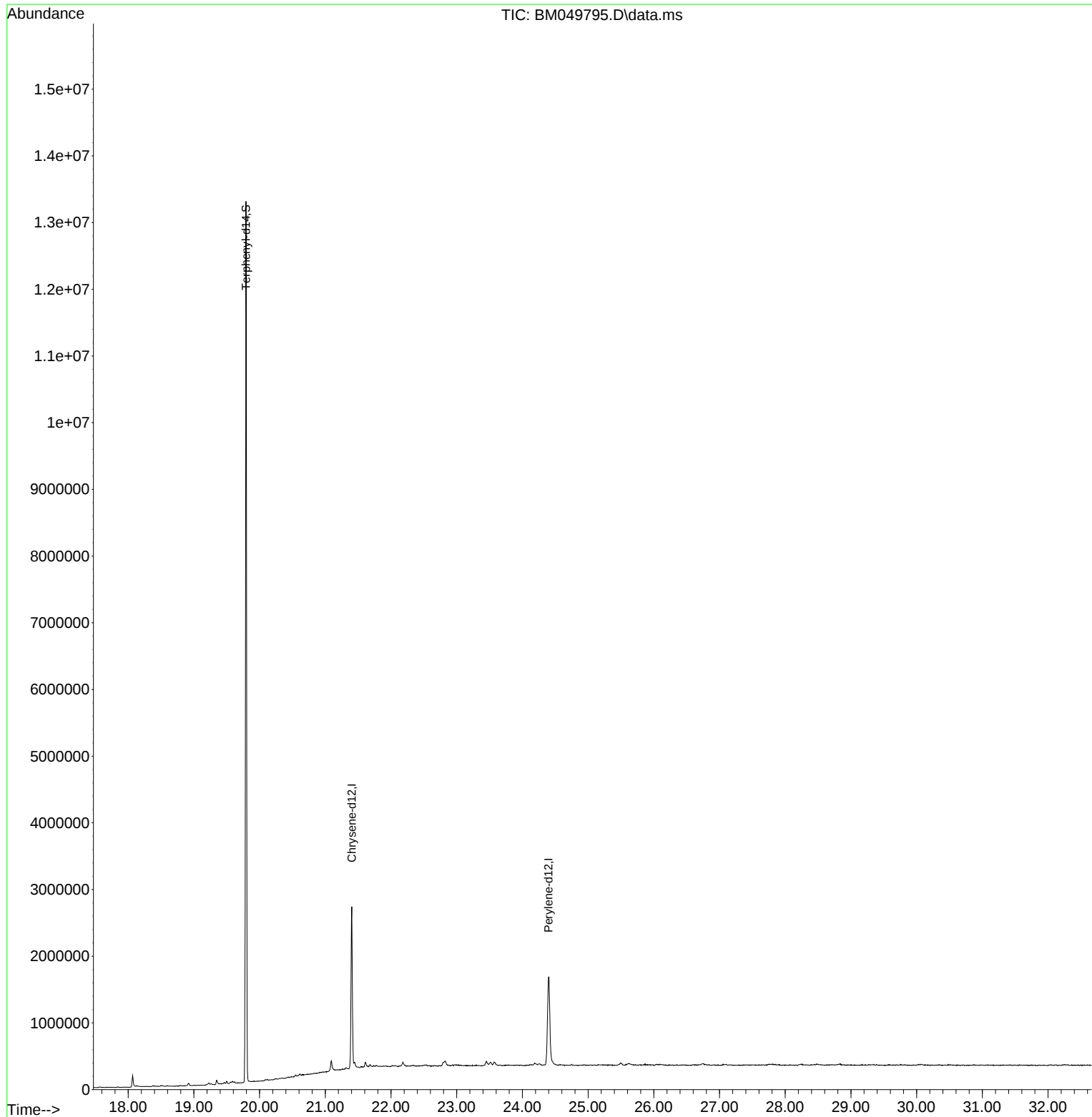
Quant Time: Apr 03 00:48:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
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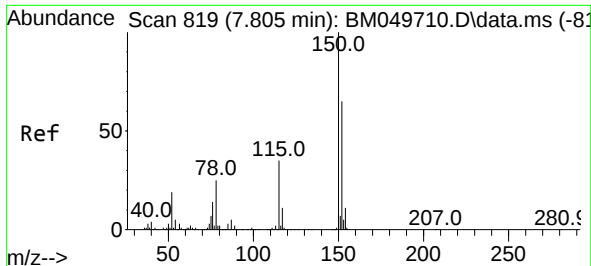


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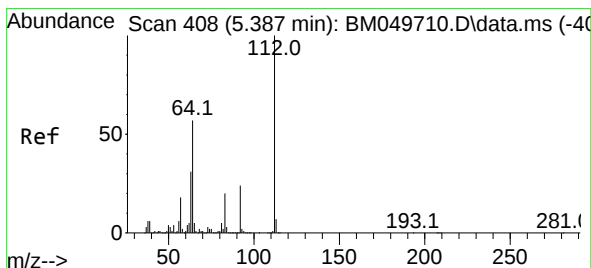
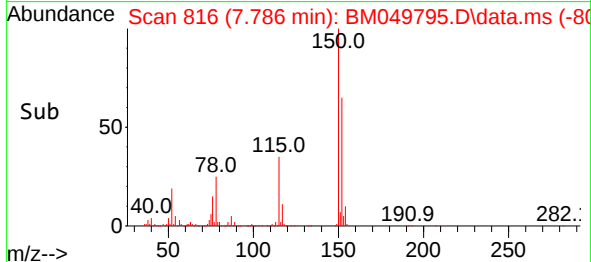
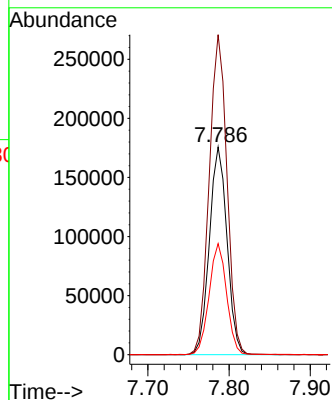
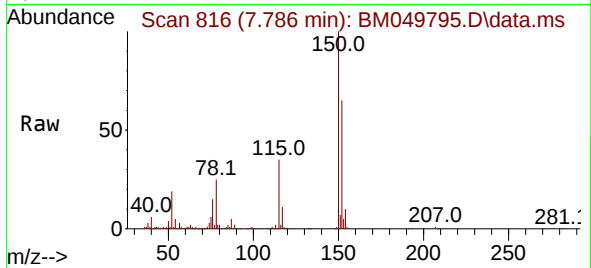




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 819
Delta R.T. -0.019 min
Lab File: BM049795.D
Acq: 02 Apr 2025 18:00

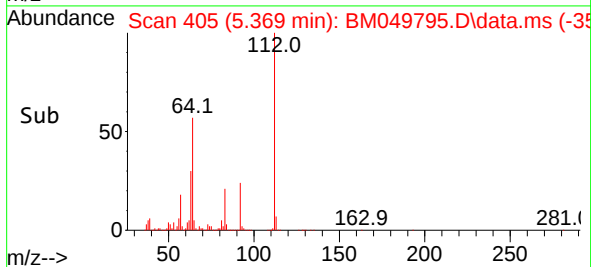
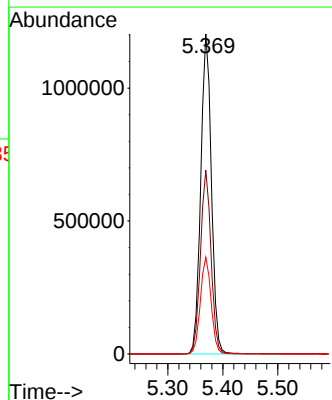
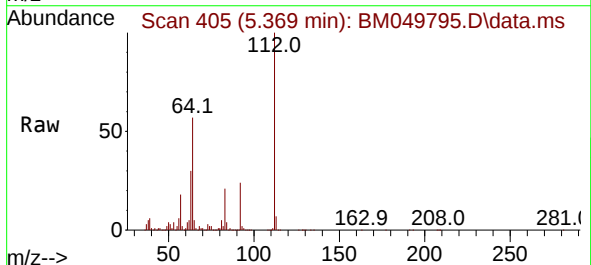
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-005-01RE

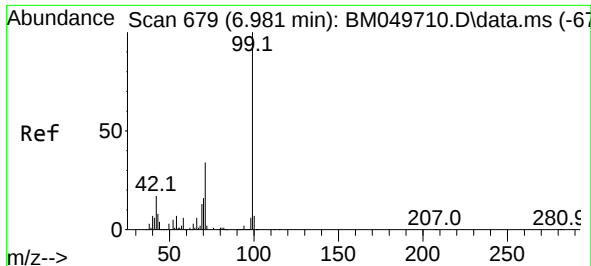
Tgt Ion:152 Resp: 265150
Ion Ratio Lower Upper
152 100
150 154.1 123.8 185.8
115 53.5 43.0 64.6



#5
2-Fluorophenol
Concen: 103.418 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.018 min
Lab File: BM049795.D
Acq: 02 Apr 2025 18:00

Tgt Ion:112 Resp: 1625131
Ion Ratio Lower Upper
112 100
64 57.4 45.3 67.9
63 30.2 24.4 36.6

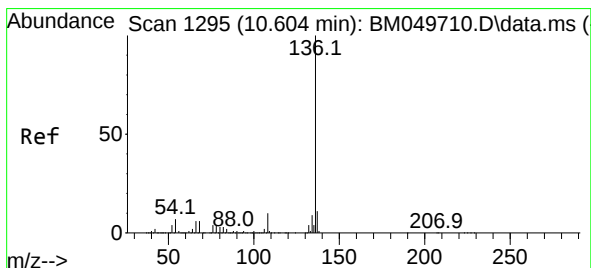
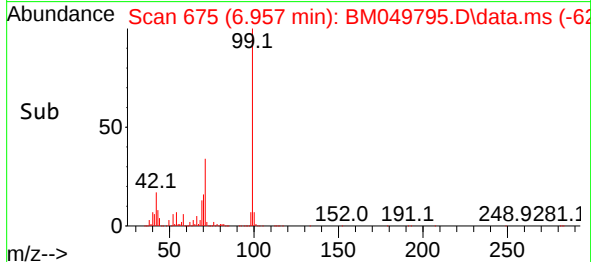
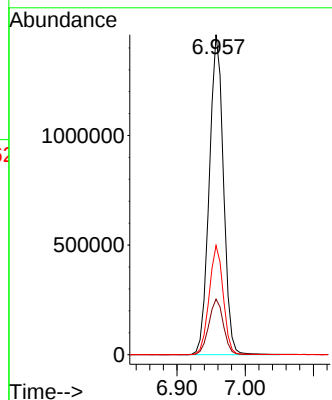
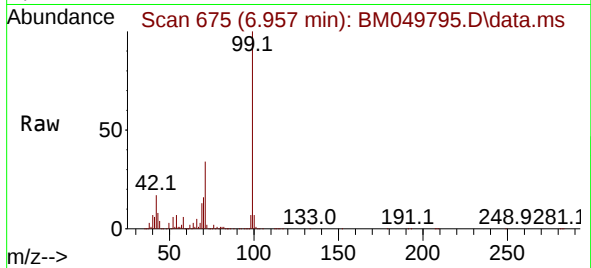




#7
Phenol-d6
Concen: 107.287 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049795.D
Acq: 02 Apr 2025 18:00

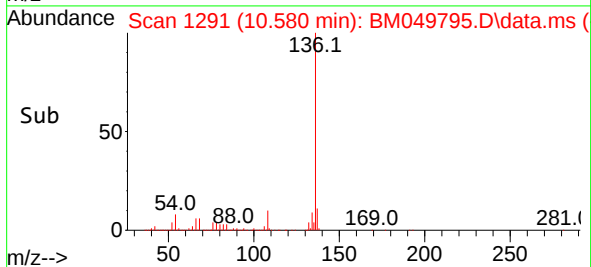
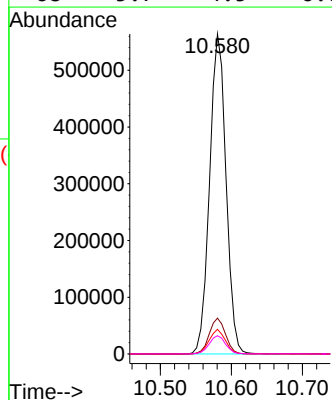
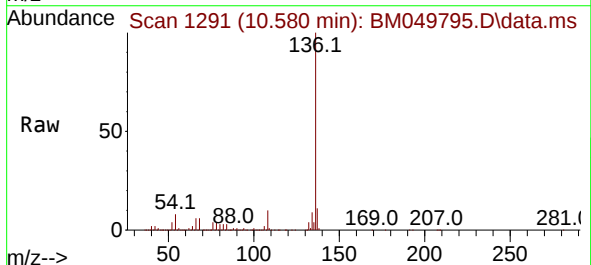
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-005-01RE

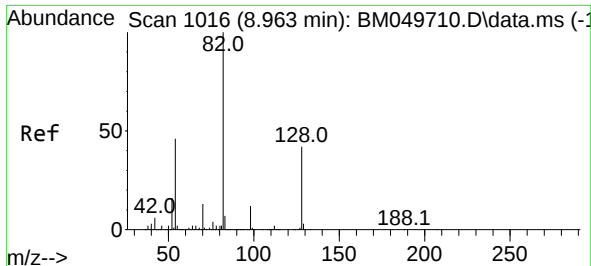
Tgt Ion: 99 Resp: 2115757
Ion Ratio Lower Upper
99 100
42 17.3 13.6 20.4
71 34.1 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049795.D
Acq: 02 Apr 2025 18:00

Tgt Ion: 136 Resp: 907664
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 7.7 5.8 8.8
68 5.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 71.168 ng

RT: 8.939 min Scan# 1016

Delta R.T. -0.024 min

Lab File: BM049795.D

Acq: 02 Apr 2025 18:00

Instrument :

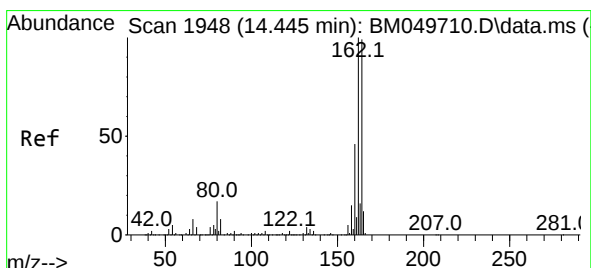
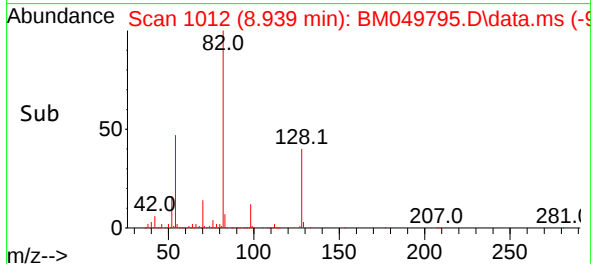
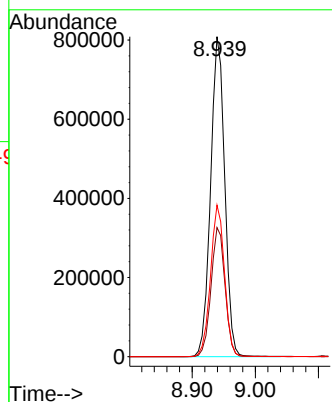
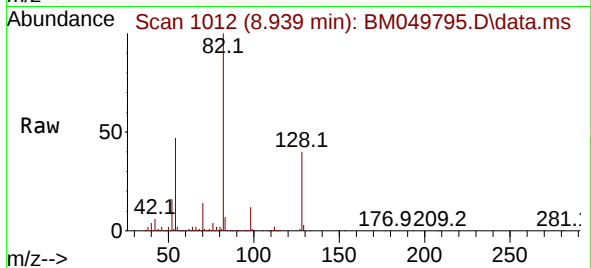
BNA_M

ClientSampleId :

P001-BBDGA-005-01RE

Tgt Ion: 82 Resp: 1258176

Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.4	50.0
54	47.4	36.4	54.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1945

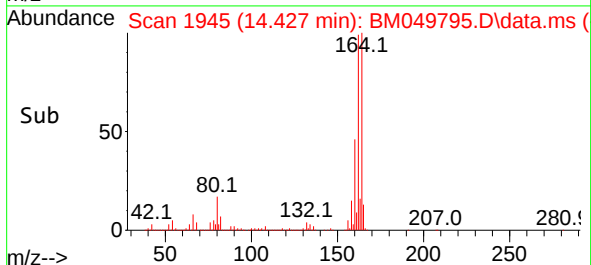
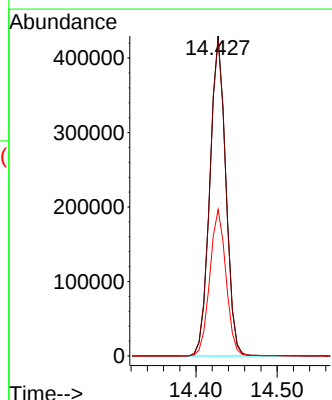
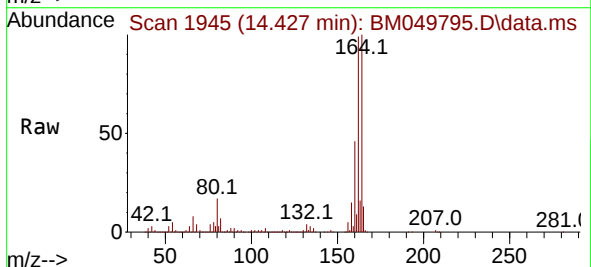
Delta R.T. -0.018 min

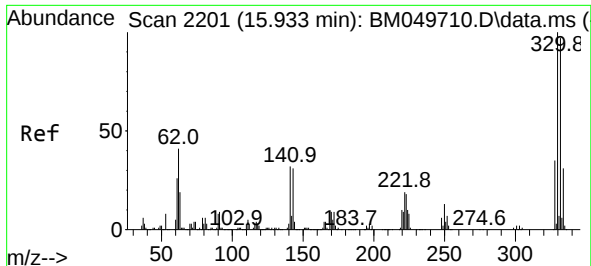
Lab File: BM049795.D

Acq: 02 Apr 2025 18:00

Tgt Ion: 164 Resp: 583290

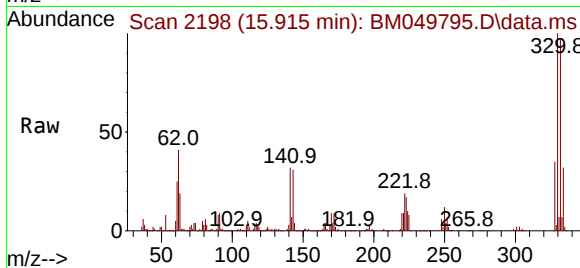
Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.5	120.7
160	45.8	36.9	55.3



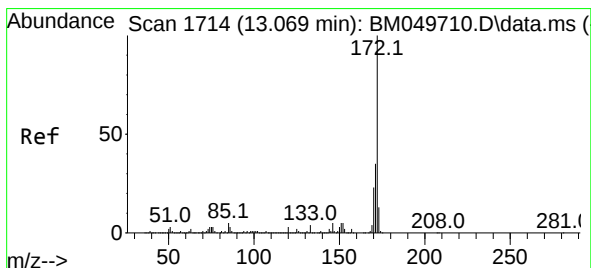
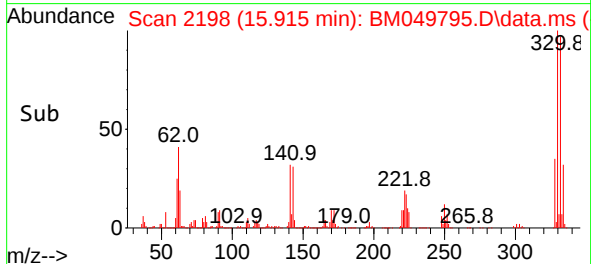
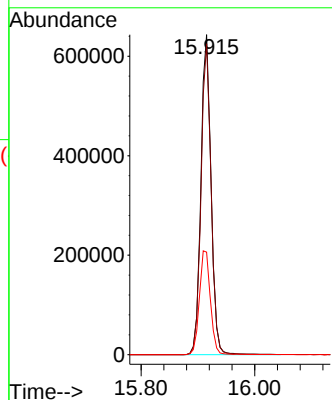


#42
2,4,6-Tribromophenol
Concen: 117.326 ng
RT: 15.915 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049795.D
Acq: 02 Apr 2025 18:00

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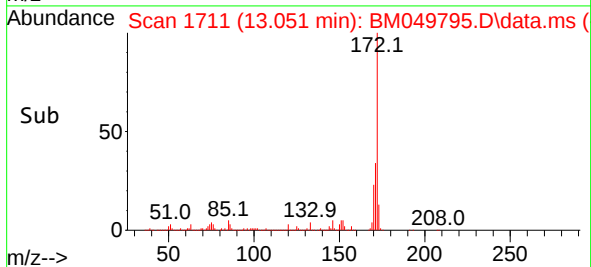
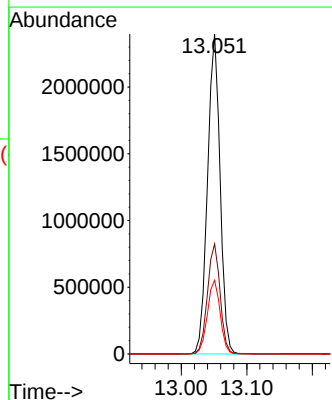
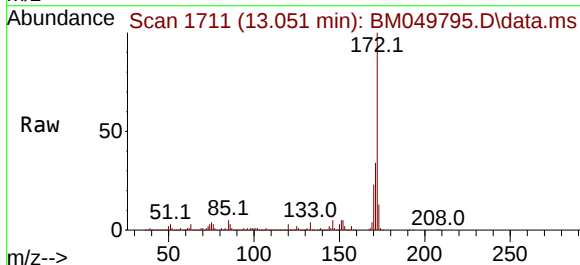


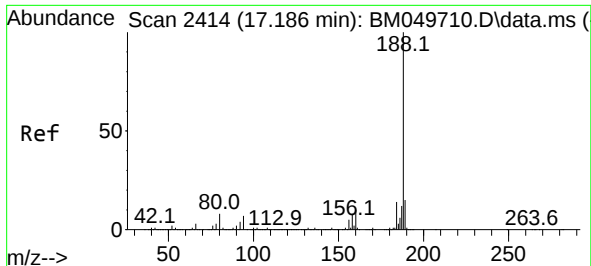
Tgt Ion:330 Resp: 799118
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 35.3 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 68.618 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049795.D
Acq: 02 Apr 2025 18:00

Tgt Ion:172 Resp: 3195833
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 23.1 18.6 28.0

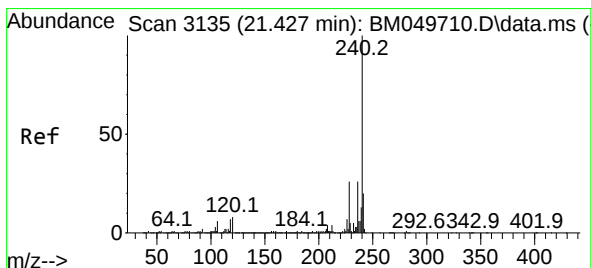
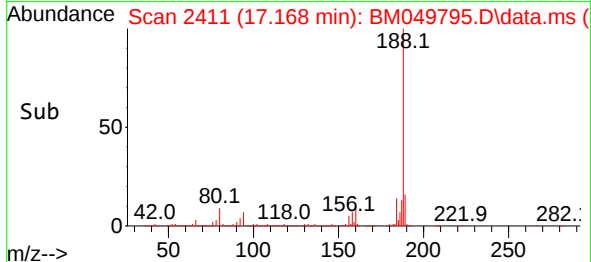
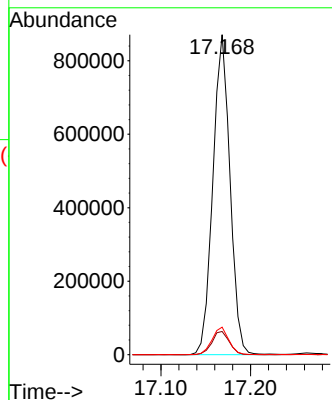
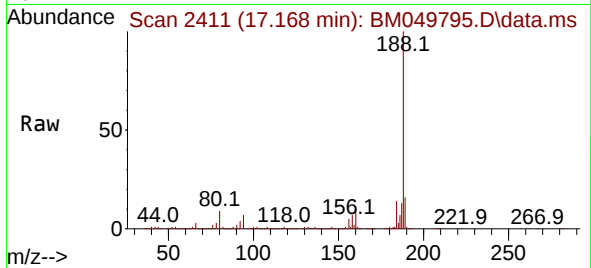




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BM049795.D
Acq: 02 Apr 2025 18:00

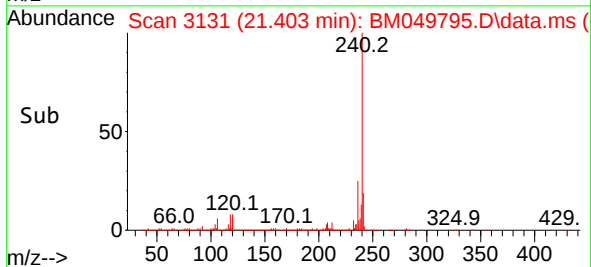
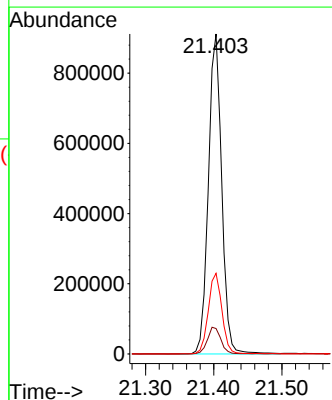
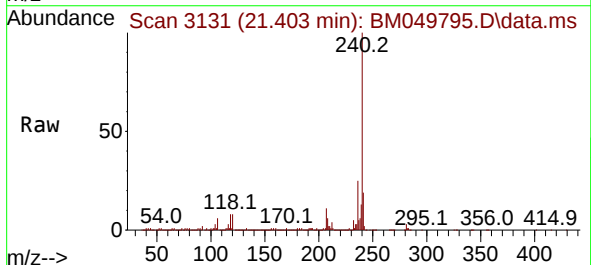
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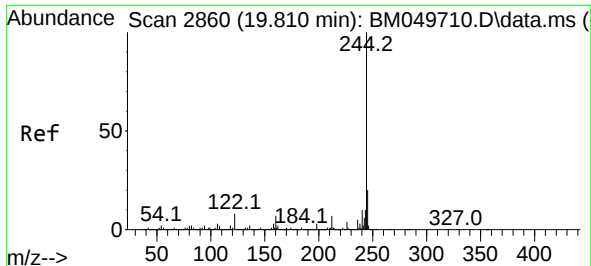
Tgt Ion:188 Resp: 1154414
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.6
80 8.6 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049795.D
Acq: 02 Apr 2025 18:00

Tgt Ion:240 Resp: 1240642
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 25.2 20.7 31.1

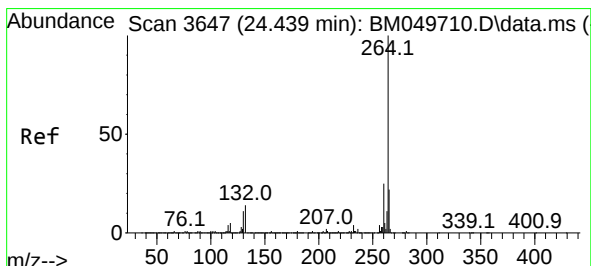
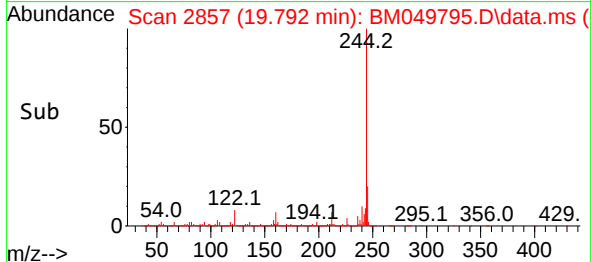
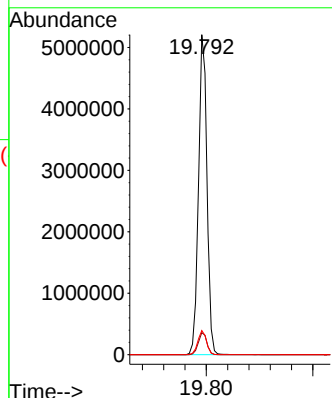
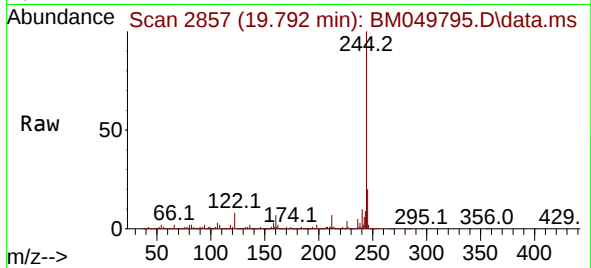




#79
 Terphenyl-d14
 Concen: 78.107 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM049795.D
 Acq: 02 Apr 2025 18:00

Instrument :
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 ClientSampleId :
 P001-BBDGA-005-01RE

Tgt Ion:244 Resp: 5750471
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 7.6 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: BM049795.D
 Acq: 02 Apr 2025 18:00

Tgt Ion:264 Resp: 1248572
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 22.1 18.2 27.2

