

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
 Data File : BM049589.D
 Acq On : 06 Feb 2025 21:36
 Operator : RC/JU
 Sample : PB166339BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB166339BL

Quant Time: Feb 07 01:31:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 04:55:28 2025
 Response via : Initial Calibration

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

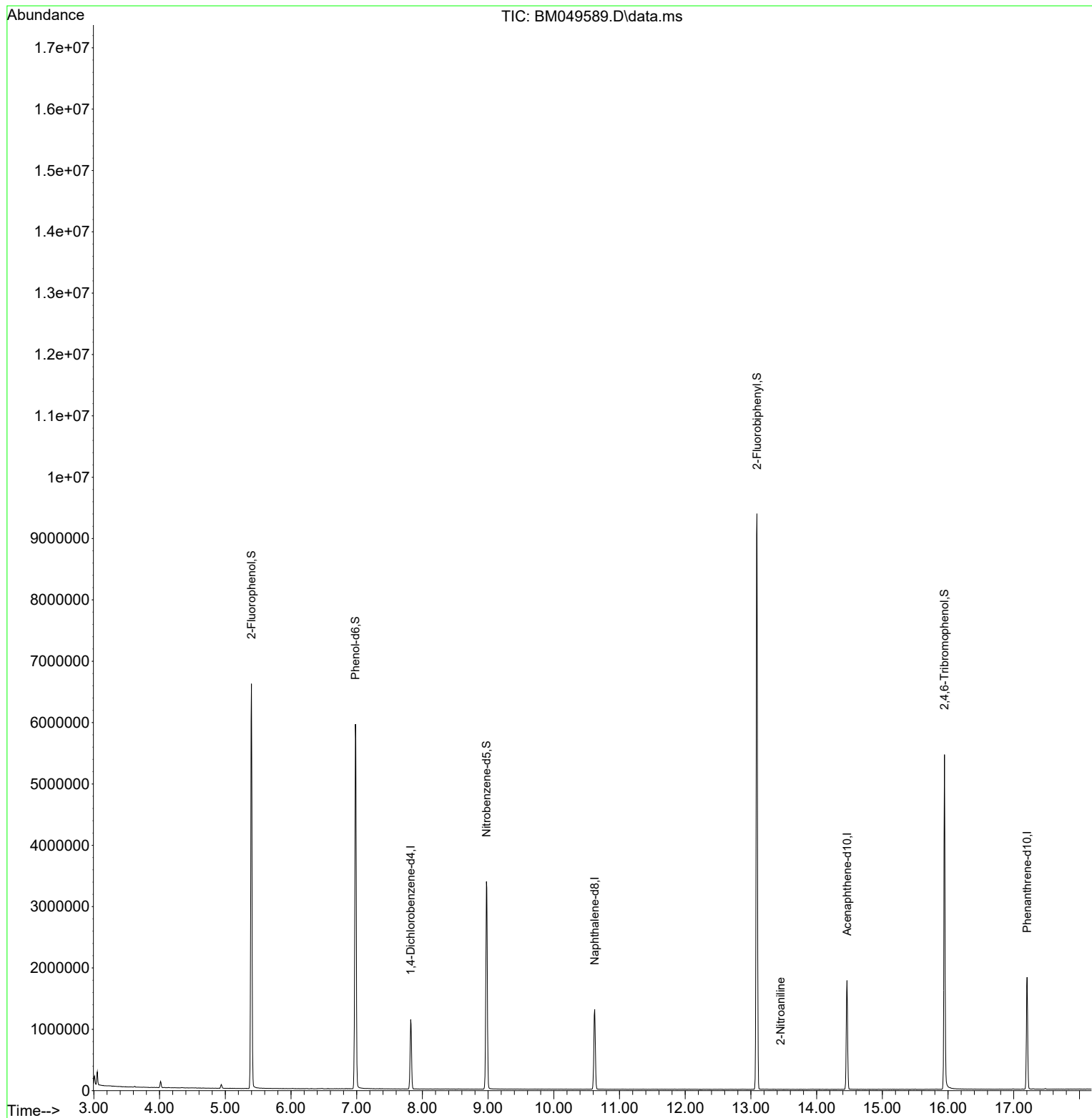
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	283332	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	984021	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	559062	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	984652	20.000	ng	0.00
76) Chrysene-d12	21.439	240	607178	20.000	ng	0.00
86) Perylene-d12	24.468	264	486136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2512073	142.576	ng	0.00
7) Phenol-d6	6.981	99	3055343	132.362	ng	0.00
23) Nitrobenzene-d5	8.975	82	1873446	97.930	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	825688	124.643	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	4488226	104.001	ng	0.00
79) Terphenyl-d14	19.833	244	6183994	155.526	ng	0.00
Target Compounds						
48) 2-Nitroaniline	13.451	65	54	4.133	ng	Qvalue # 6

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

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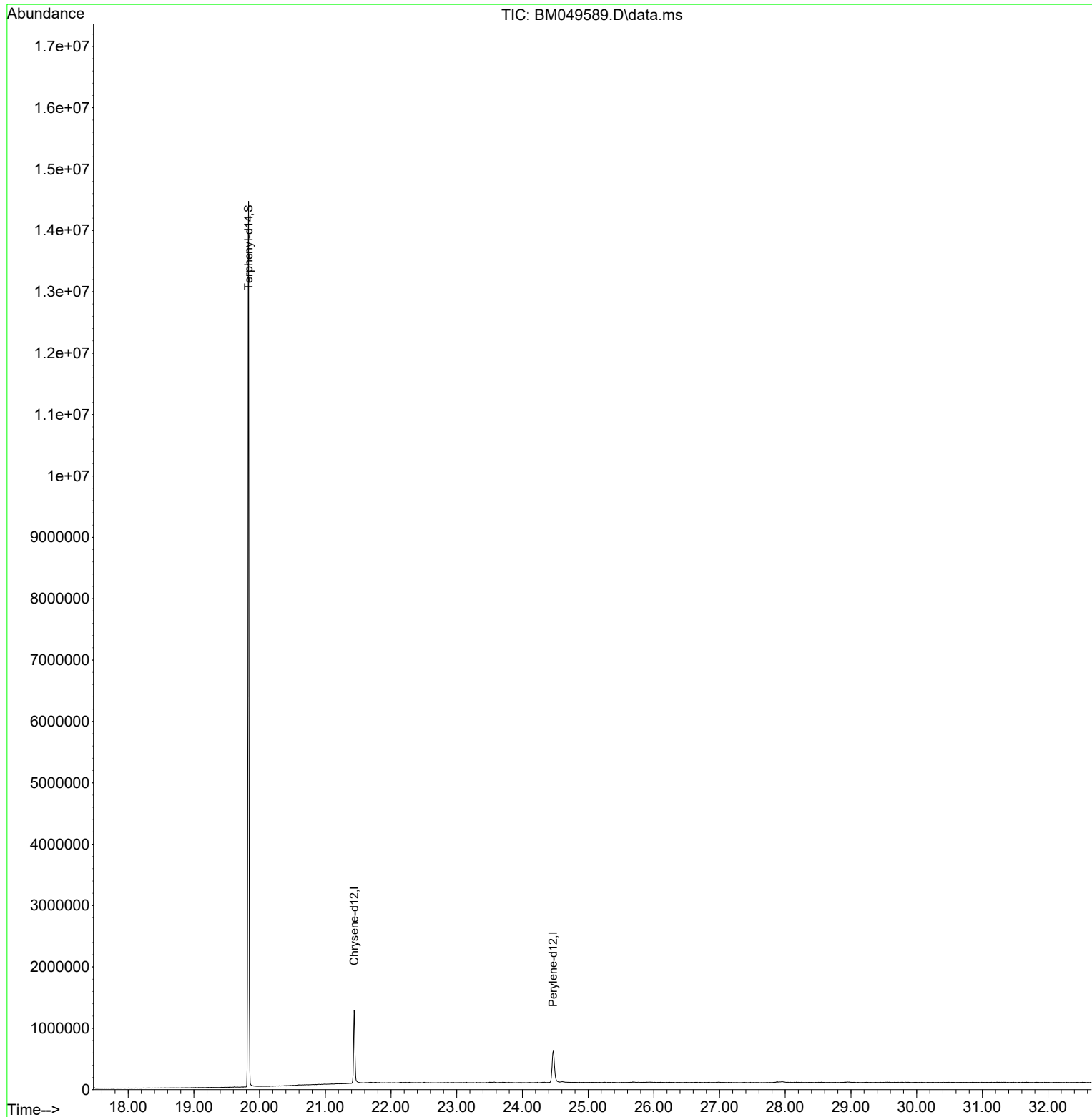
Quant Time: Feb 07 01:31:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
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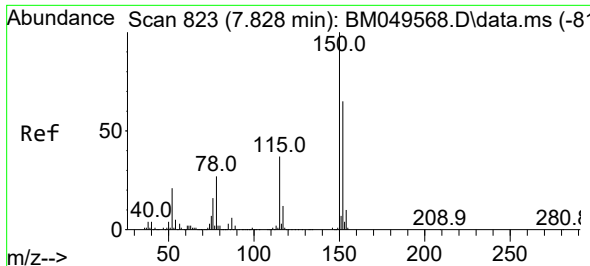


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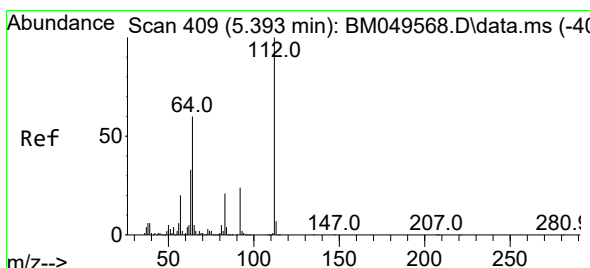
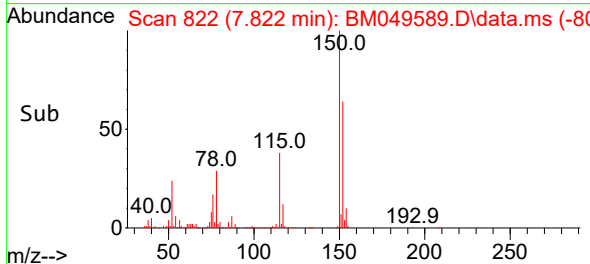
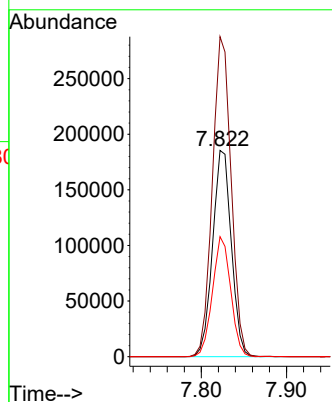
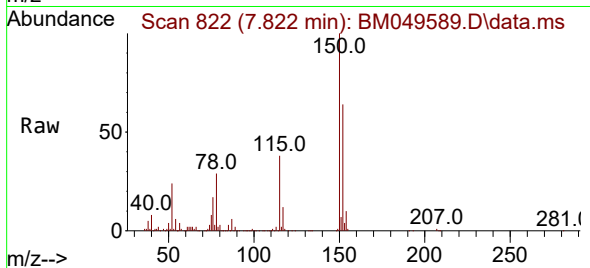




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.822 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM049589.D
 Acq: 06 Feb 2025 21:36

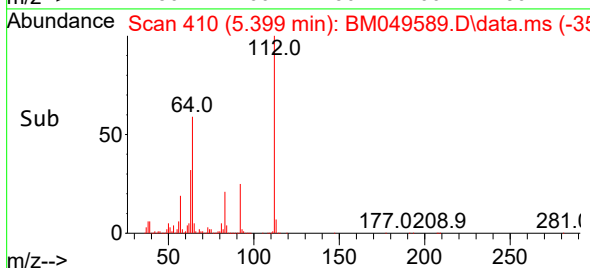
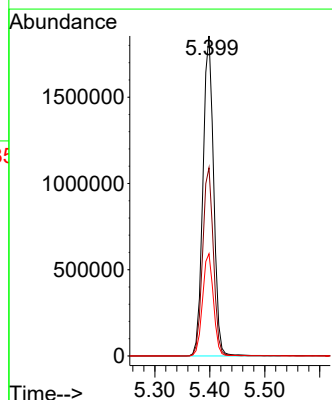
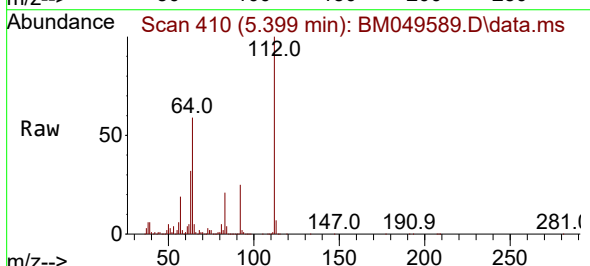
Instrument :
 BNA_M
 ClientSampleId :
 PB166339BL

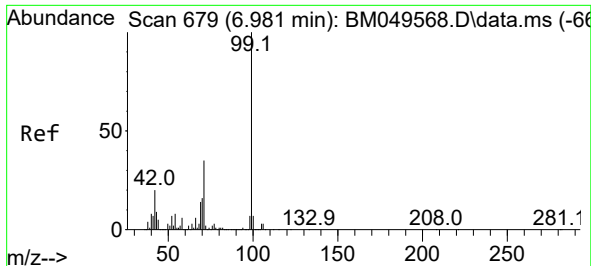
Tgt Ion:152 Resp: 283332
 Ion Ratio Lower Upper
 152 100
 150 155.2 122.6 184.0
 115 58.2 45.4 68.0



#5
 2-Fluorophenol
 Concen: 142.576 ng
 RT: 5.399 min Scan# 410
 Delta R.T. 0.006 min
 Lab File: BM049589.D
 Acq: 06 Feb 2025 21:36

Tgt Ion:112 Resp: 2512073
 Ion Ratio Lower Upper
 112 100
 64 58.8 47.8 71.8
 63 31.9 26.2 39.4

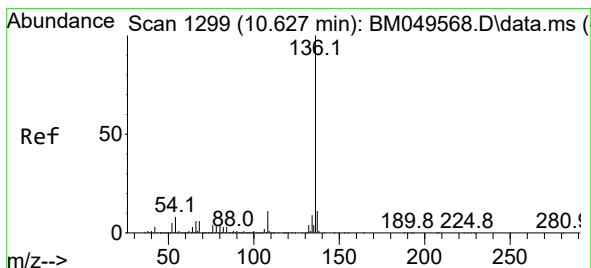
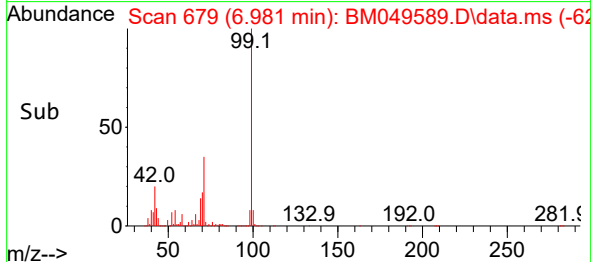
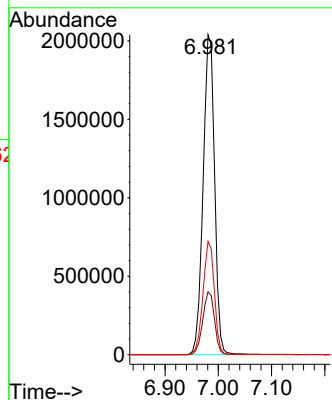
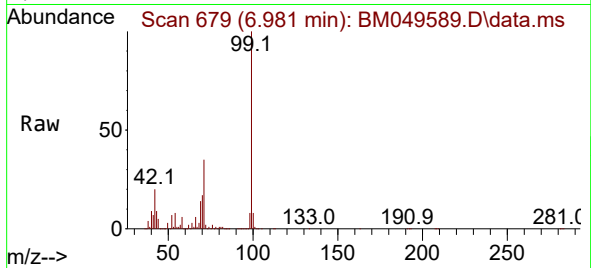




#7
Phenol-d6
Concen: 132.362 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049589.D
Acq: 06 Feb 2025 21:36

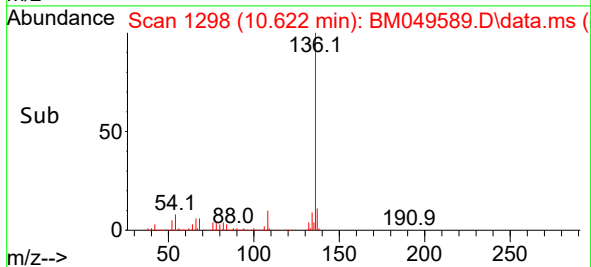
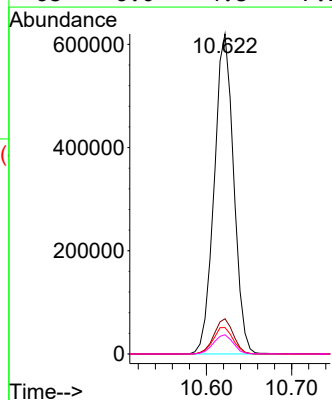
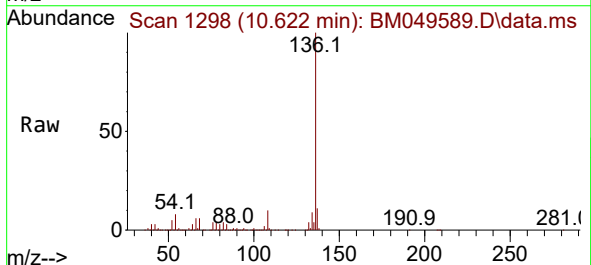
Instrument :
BNA_M
ClientSampleId :
PB166339BL

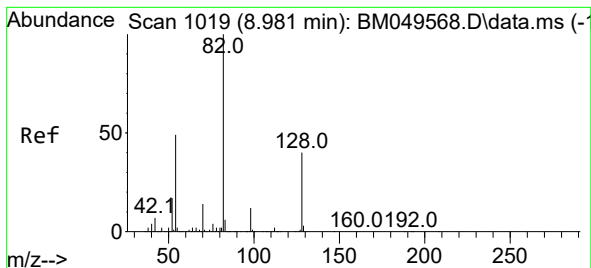
Tgt Ion: 99 Resp: 3055343
Ion Ratio Lower Upper
99 100
42 19.7 16.0 24.0
71 35.4 27.8 41.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BM049589.D
Acq: 06 Feb 2025 21:36

Tgt Ion: 136 Resp: 984021
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.2 6.6 10.0
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 97.930 ng

RT: 8.975 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BM049589.D

Acq: 06 Feb 2025 21:36

Instrument :

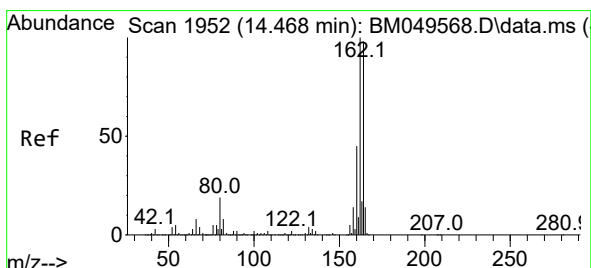
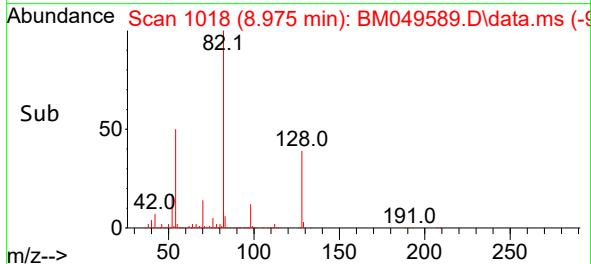
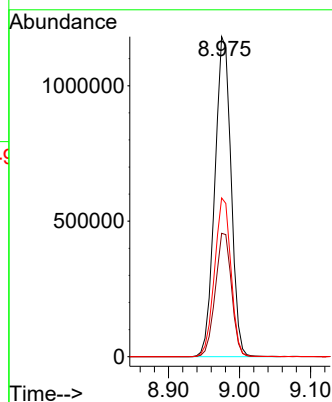
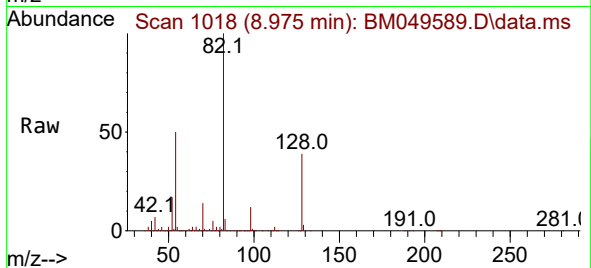
BNA_M

ClientSampleId :

PB166339BL

Tgt Ion: 82 Resp: 1873446

Ion	Ratio	Lower	Upper
82	100		
128	38.6	31.6	47.4
54	49.6	39.4	59.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1951

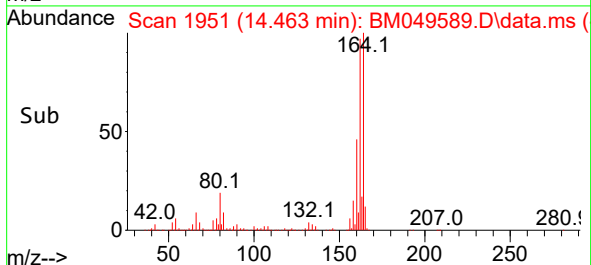
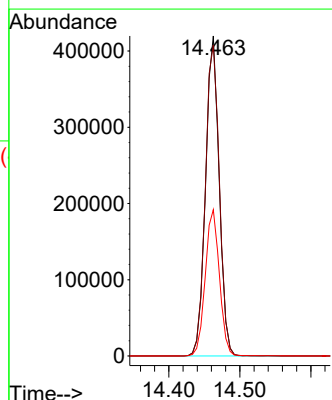
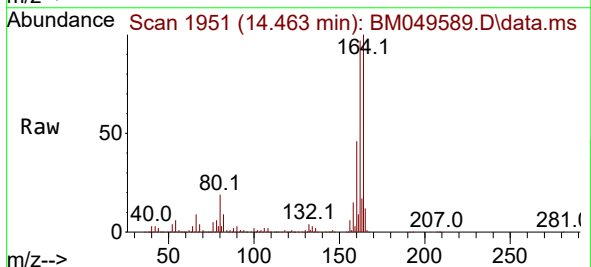
Delta R.T. -0.006 min

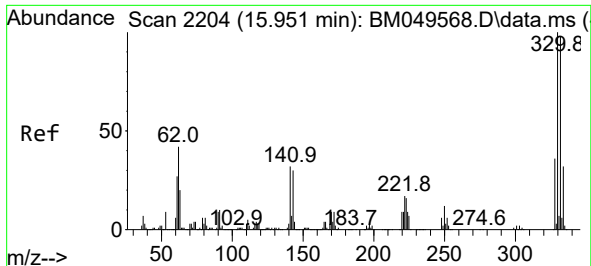
Lab File: BM049589.D

Acq: 06 Feb 2025 21:36

Tgt Ion: 164 Resp: 559062

Ion	Ratio	Lower	Upper
164	100		
162	97.1	81.4	122.0
160	45.7	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 124.643 ng

RT: 15.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049589.D

Acq: 06 Feb 2025 21:36

Instrument :

BNA_M

ClientSampleId :

PB166339BL

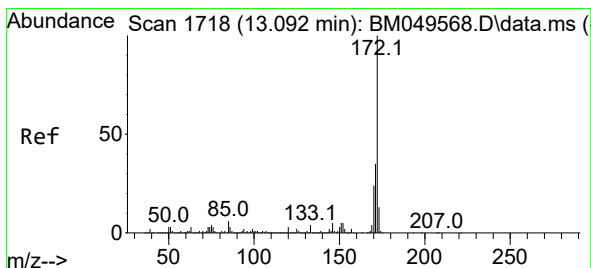
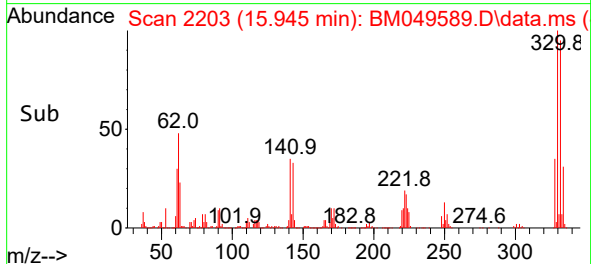
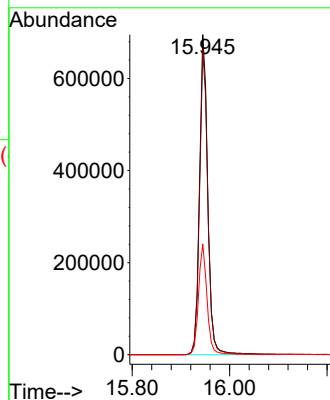
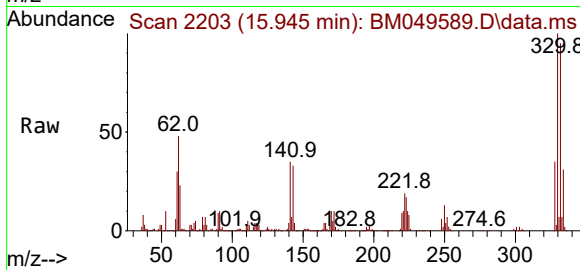
Tgt Ion:330 Resp: 825688

Ion Ratio Lower Upper

330 100

332 95.6 77.3 115.9

141 35.7 28.2 42.2



#45

2-Fluorobiphenyl

Concen: 104.001 ng

RT: 13.092 min Scan# 1718

Delta R.T. 0.000 min

Lab File: BM049589.D

Acq: 06 Feb 2025 21:36

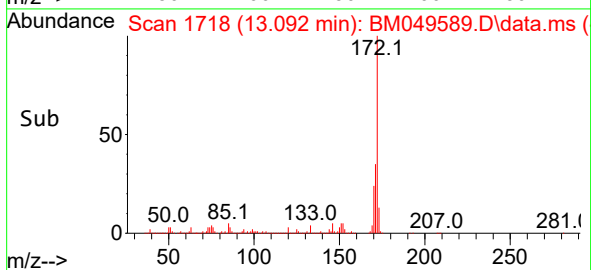
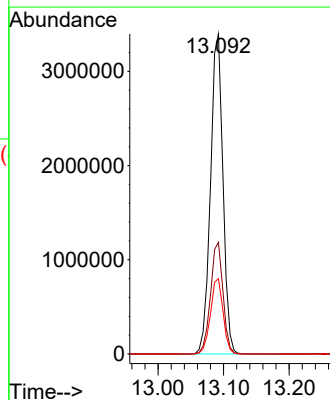
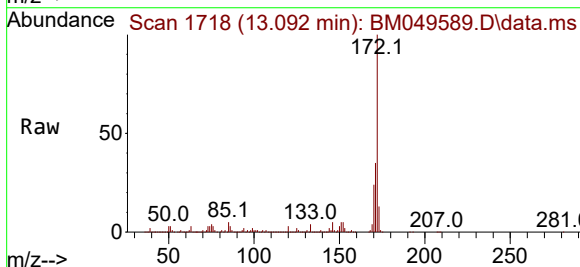
Tgt Ion:172 Resp: 4488226

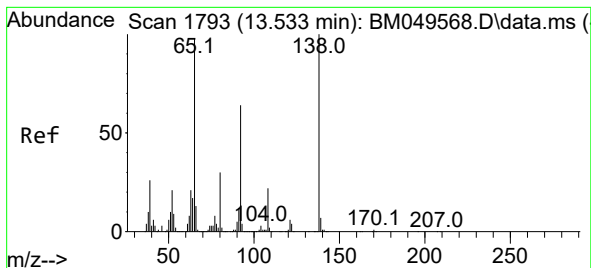
Ion Ratio Lower Upper

172 100

171 34.9 28.0 42.0

170 23.5 19.0 28.4





#48

2-Nitroaniline

Concen: 4.133 ng

RT: 13.451 min Scan# 1

Delta R.T. -0.082 min

Lab File: BM049589.D

Acq: 06 Feb 2025 21:36

Instrument :

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PB166339BL

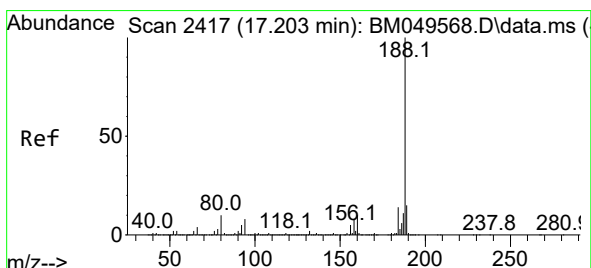
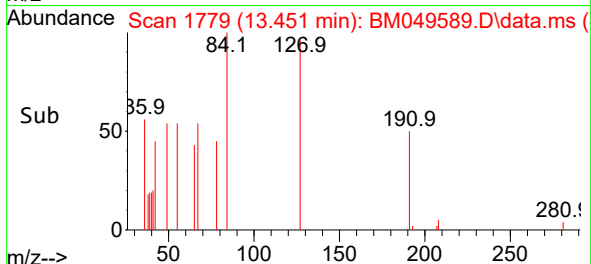
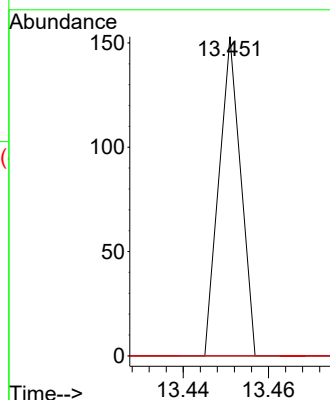
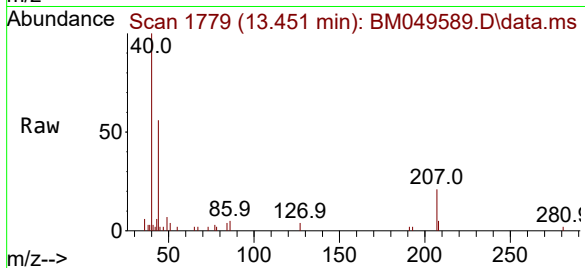
Tgt Ion: 65 Resp: 54

Ion Ratio Lower Upper

65 100

92 0.0 52.0 78.0#

138 0.0 81.6 122.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BM049589.D

Acq: 06 Feb 2025 21:36

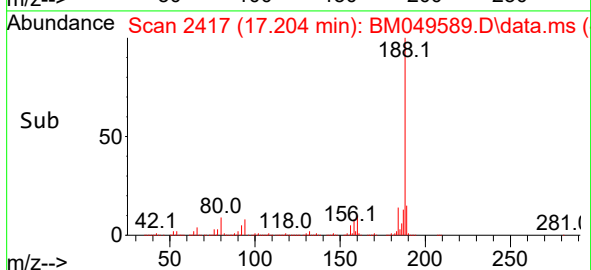
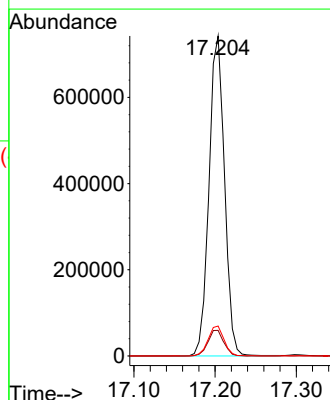
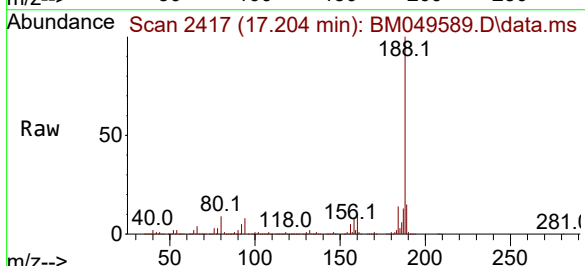
Tgt Ion:188 Resp: 984652

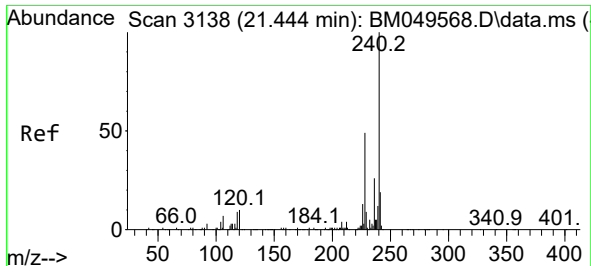
Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

80 9.4 7.7 11.5

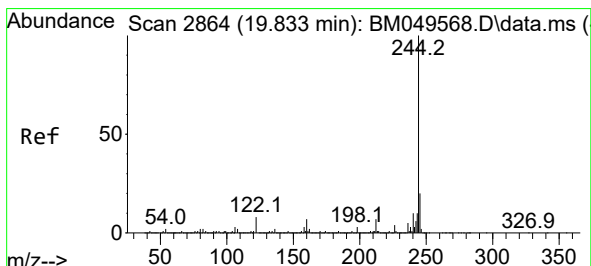
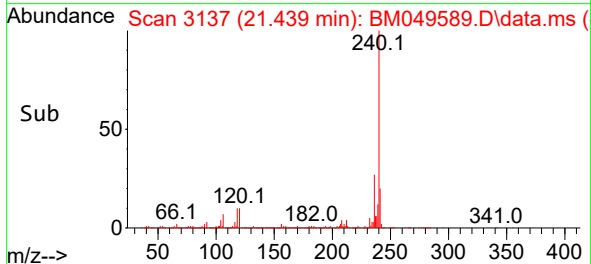
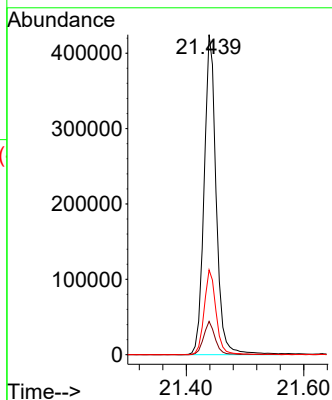
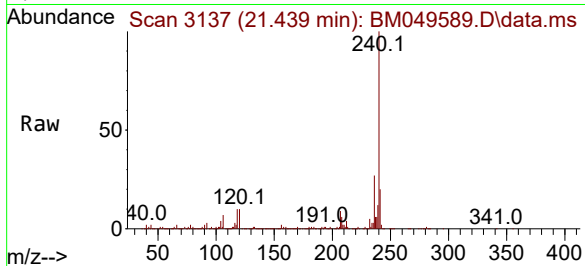




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BM049589.D
Acq: 06 Feb 2025 21:36

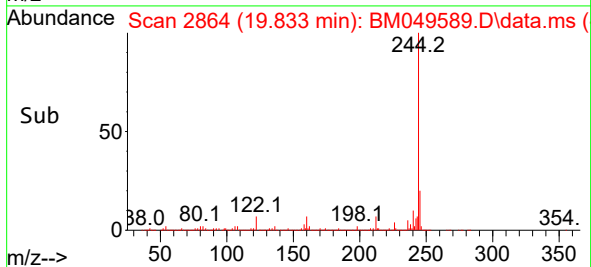
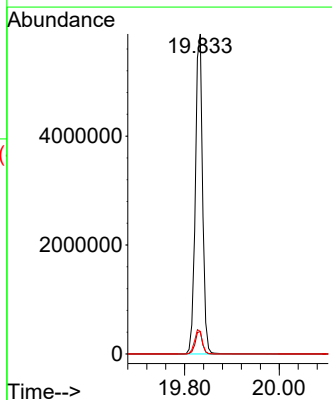
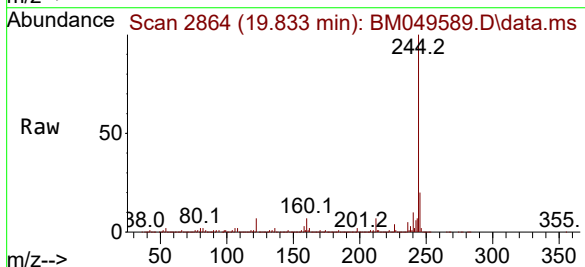
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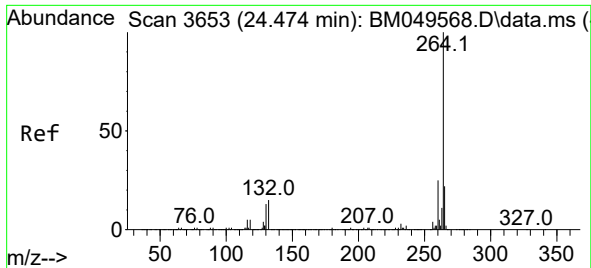
Tgt Ion:240 Resp: 607178
Ion Ratio Lower Upper
240 100
120 10.4 7.8 11.8
236 26.5 20.6 31.0



#79
Terphenyl-d14
Concen: 155.526 ng
RT: 19.833 min Scan# 2864
Delta R.T. 0.000 min
Lab File: BM049589.D
Acq: 06 Feb 2025 21:36

Tgt Ion:244 Resp: 6183994
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 7.0 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM049589.D
Acq: 06 Feb 2025 21:36

Instrument :
BNA_M
ClientSampleId :
PB166339BL

Tgt Ion:264 Resp: 486136
Ion Ratio Lower Upper
264 100
260 23.5 19.8 29.6
265 21.5 17.5 26.3

