

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040225\
 Data File : BM049785.D
 Acq On : 02 Apr 2025 11:25
 Operator : RC/JU
 Sample : PB167406BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167406BL

Quant Time: Apr 02 13:01:45 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	7.793	152	379769	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	1345477	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	873196	20.000	ng	-0.01
64) Phenanthrene-d10	17.168	188	1608837	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1016708	20.000	ng	-0.02
86) Perylene-d12	24.397	264	836755	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3633060	161.418	ng	-0.01
7) Phenol-d6	6.969	99	4592247	162.584	ng	-0.01
23) Nitrobenzene-d5	8.945	82	2741264	104.603	ng	-0.02
42) 2,4,6-Tribromophenol	15.922	330	1947386	190.989	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	7391911	106.018	ng	-0.01
79) Terphenyl-d14	19.798	244	9413891	156.029	ng	-0.01

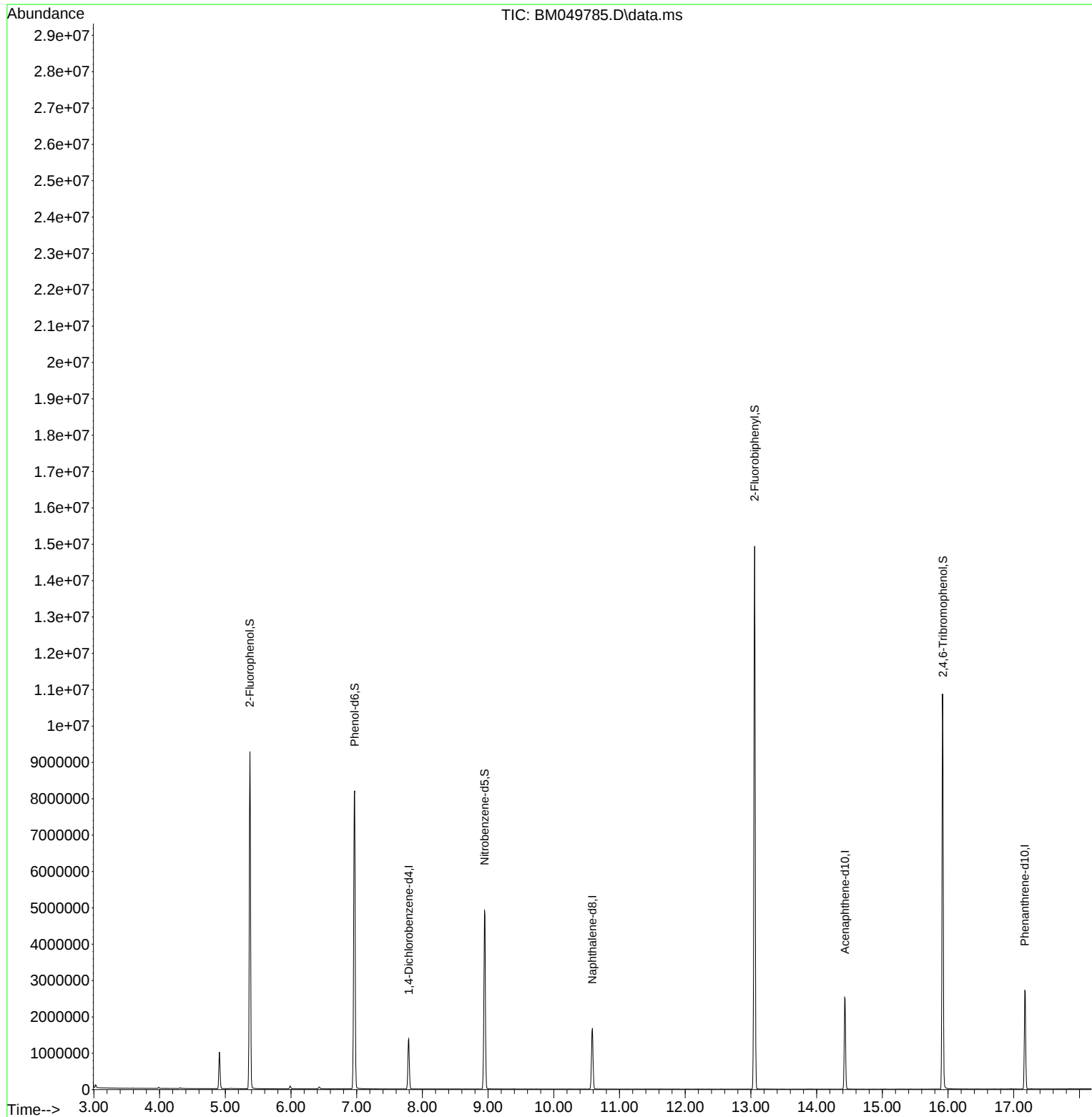
Target Compounds	Qvalue

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

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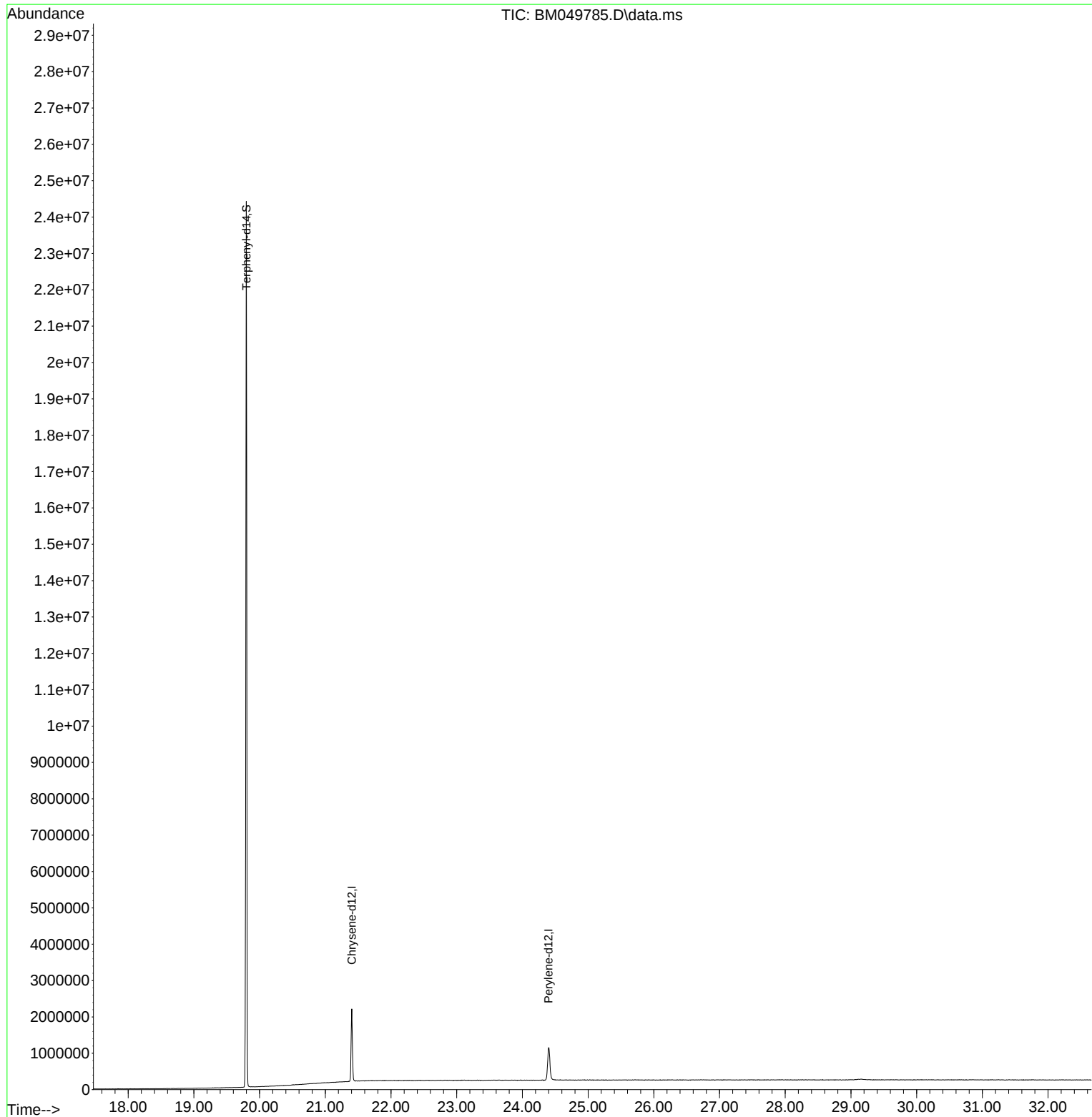
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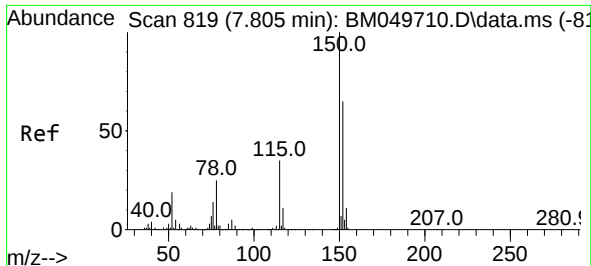


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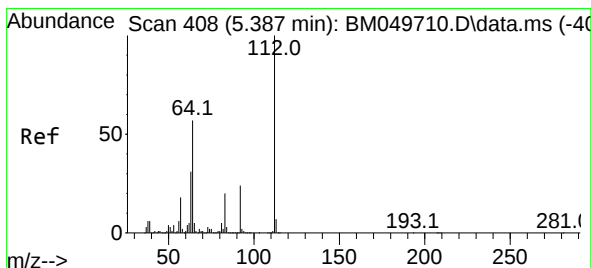
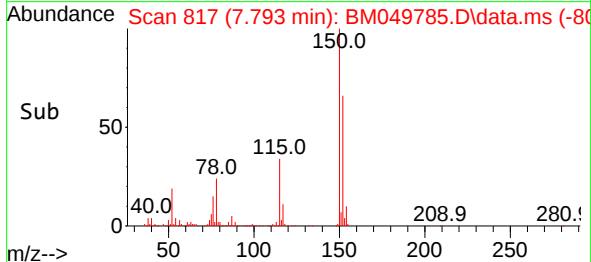
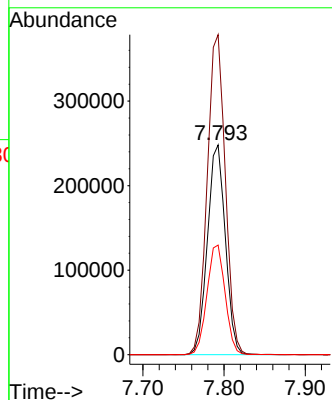
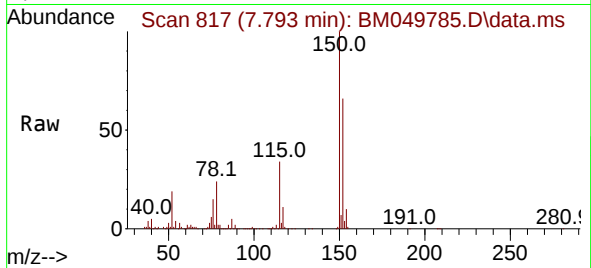




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.793 min Scan# 819
 Delta R.T. -0.012 min
 Lab File: BM049785.D
 Acq: 02 Apr 2025 11:25

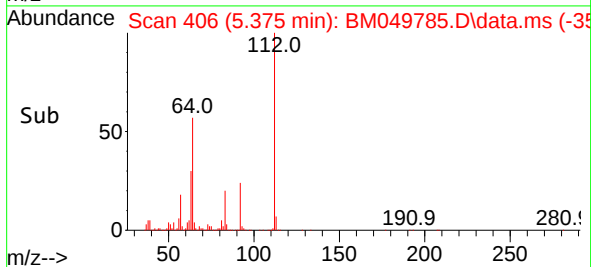
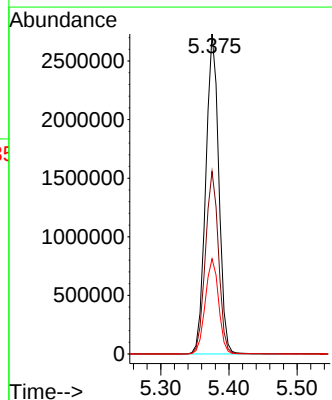
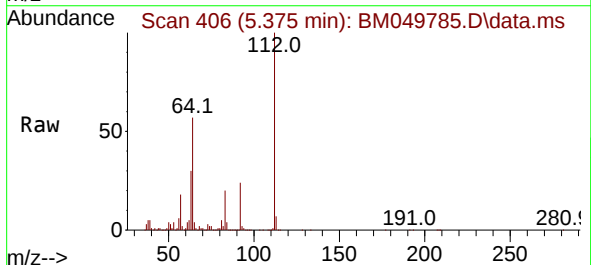
Instrument :
 BNA_M
 ClientSampleId :
 PB167406BL

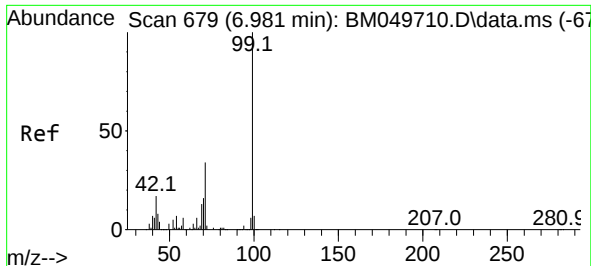
Tgt Ion:152 Resp: 379769
 Ion Ratio Lower Upper
 152 100
 150 152.5 123.8 185.8
 115 52.2 43.0 64.6



#5
 2-Fluorophenol
 Concen: 161.418 ng
 RT: 5.375 min Scan# 406
 Delta R.T. -0.012 min
 Lab File: BM049785.D
 Acq: 02 Apr 2025 11:25

Tgt Ion:112 Resp: 3633060
 Ion Ratio Lower Upper
 112 100
 64 57.0 45.3 67.9
 63 29.8 24.4 36.6

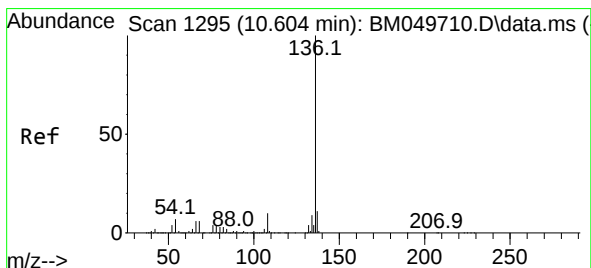
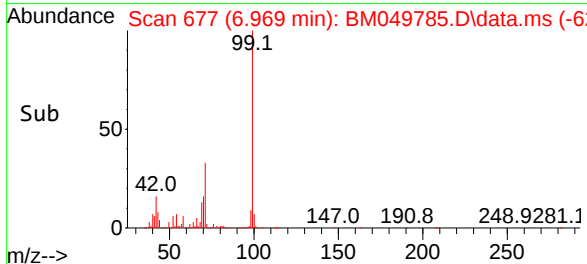
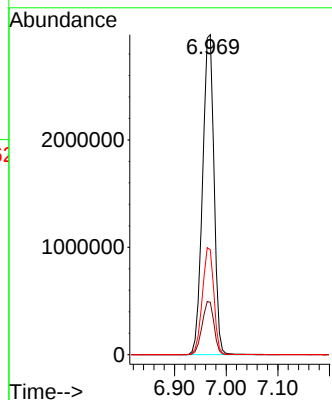
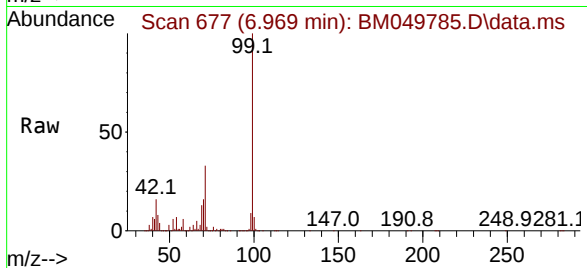




#7
Phenol-d6
Concen: 162.584 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM049785.D
Acq: 02 Apr 2025 11:25

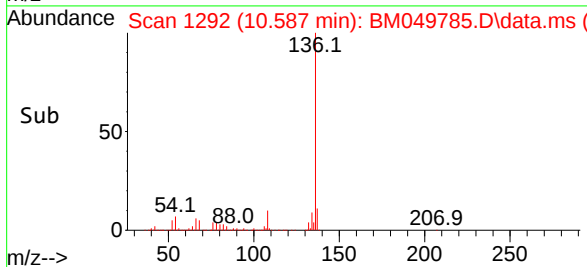
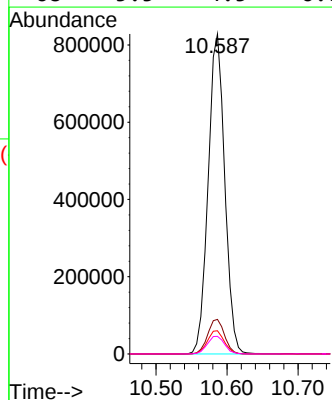
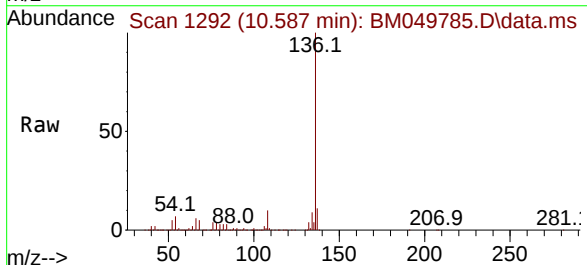
Instrument :
BNA_M
ClientSampleId :
PB167406BL

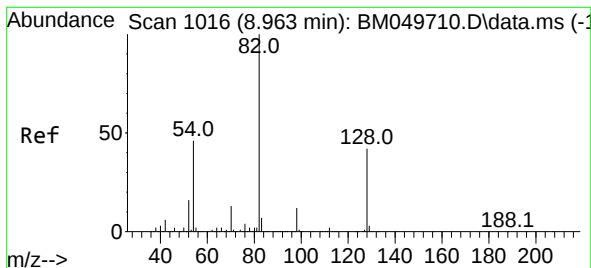
Tgt Ion: 99 Resp: 4592247
Ion Ratio Lower Upper
99 100
42 16.4 13.6 20.4
71 32.8 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.018 min
Lab File: BM049785.D
Acq: 02 Apr 2025 11:25

Tgt Ion: 136 Resp: 1345477
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: 104.603 ng

RT: 8.945 min Scan# 1013

Delta R.T. -0.018 min

Lab File: BM049785.D

Acq: 02 Apr 2025 11:25

Instrument :

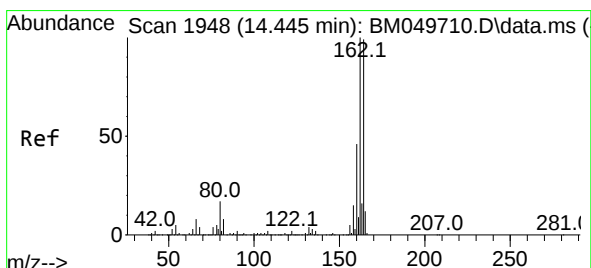
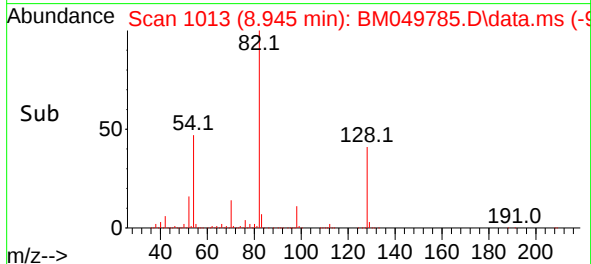
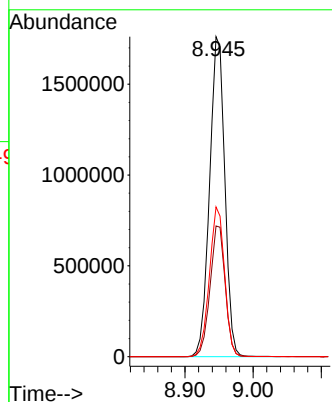
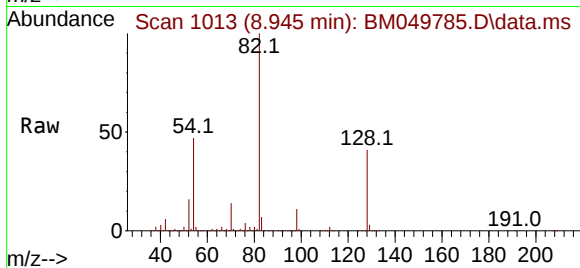
BNA_M

ClientSampleId :

PB167406BL

Tgt Ion: 82 Resp: 2741264

Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.4	50.0
54	46.8	36.4	54.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.433 min Scan# 1946

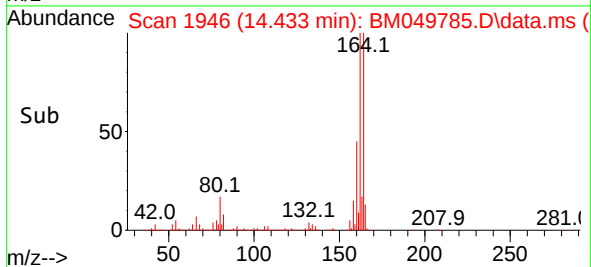
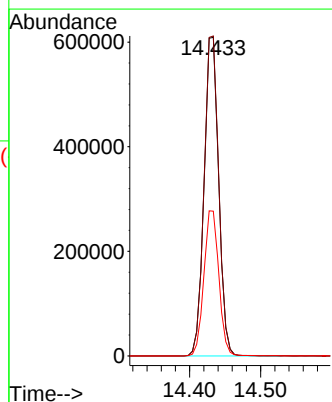
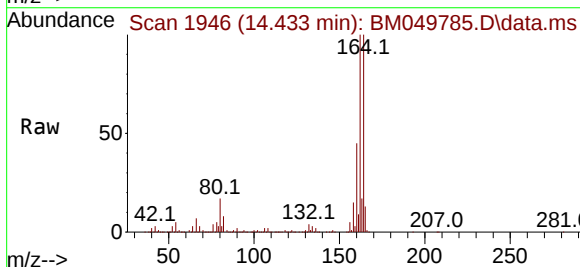
Delta R.T. -0.012 min

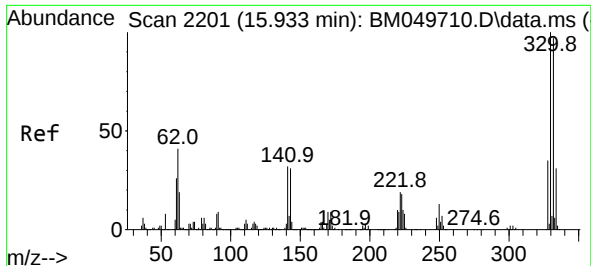
Lab File: BM049785.D

Acq: 02 Apr 2025 11:25

Tgt Ion: 164 Resp: 873196

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.5	120.7
160	45.5	36.9	55.3

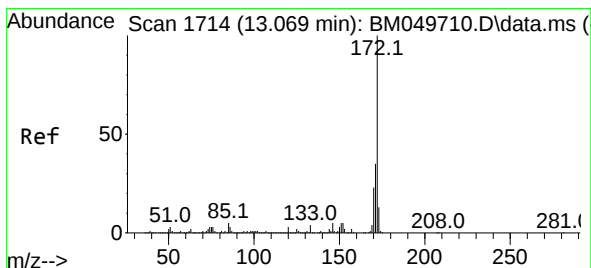
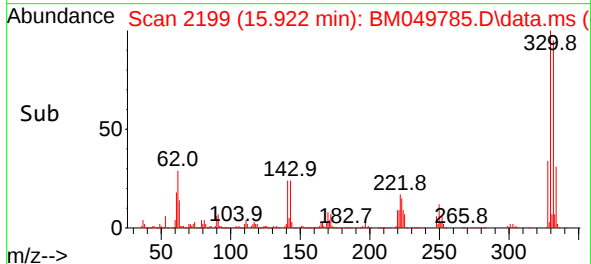
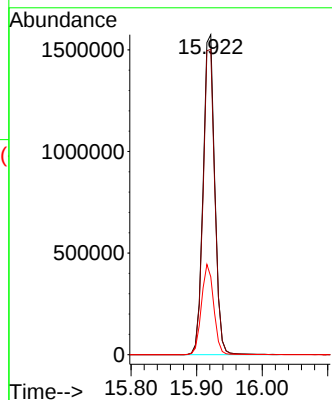
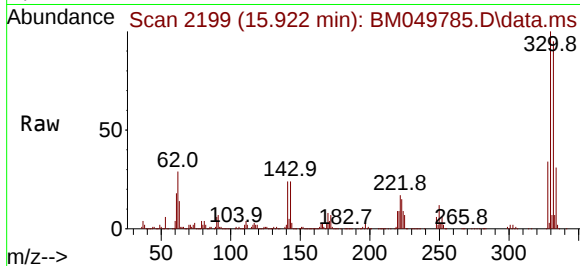




#42
2,4,6-Tribromophenol
Concen: 190.989 ng
RT: 15.922 min Scan# 2199
Delta R.T. -0.011 min
Lab File: BM049785.D
Acq: 02 Apr 2025 11:25

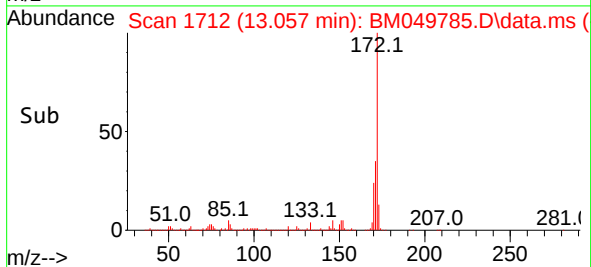
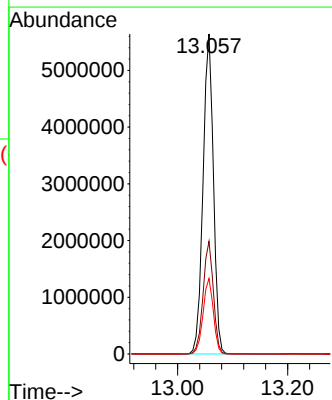
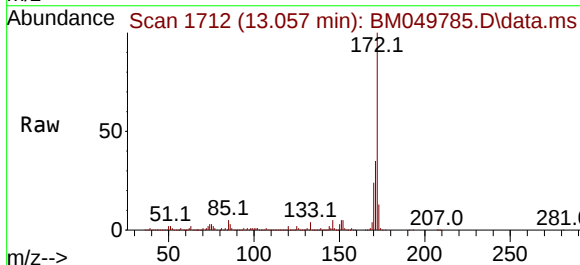
Instrument :
BNA_M
ClientSampleId :
PB167406BL

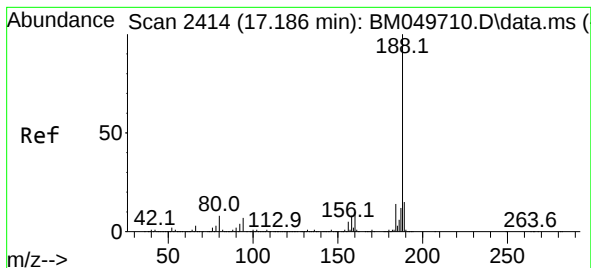
Tgt Ion:330 Resp: 1947386
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 29.7 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 106.018 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM049785.D
Acq: 02 Apr 2025 11:25

Tgt Ion:172 Resp: 7391911
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.6 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: BM049785.D

Acq: 02 Apr 2025 11:25

Instrument :

BNA_M

ClientSampleId :

PB167406BL

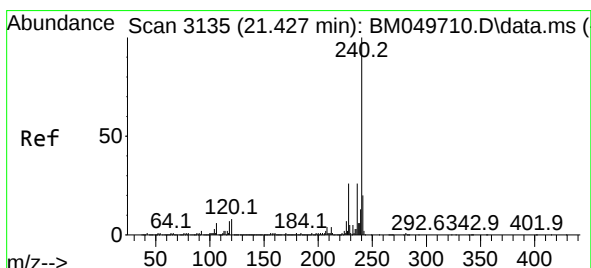
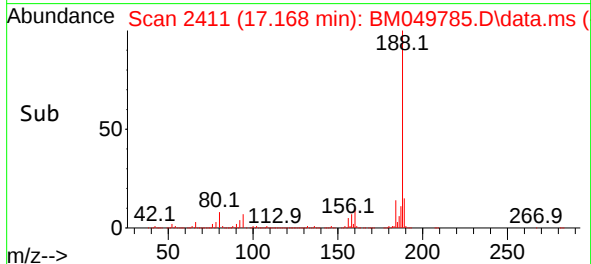
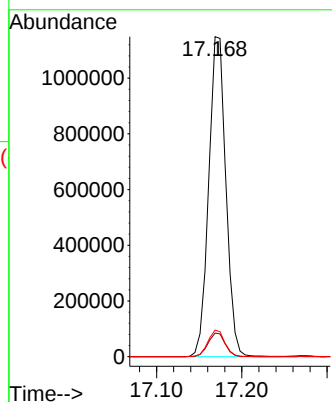
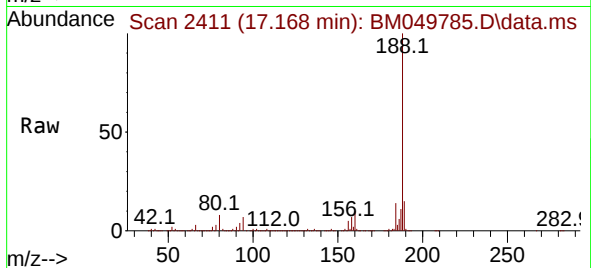
Tgt Ion:188 Resp: 1608837

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.6

80 8.3 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: BM049785.D

Acq: 02 Apr 2025 11:25

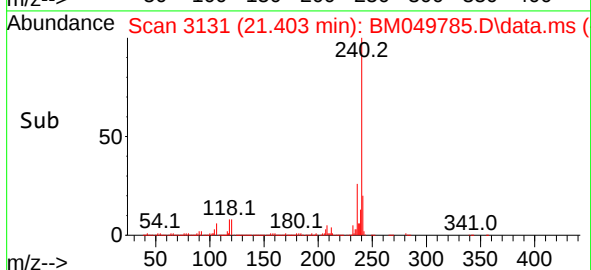
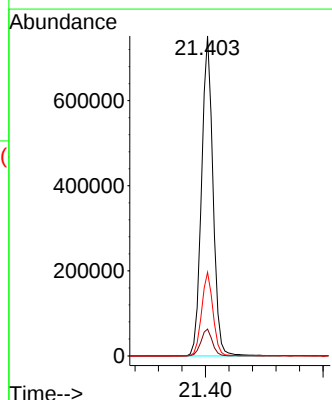
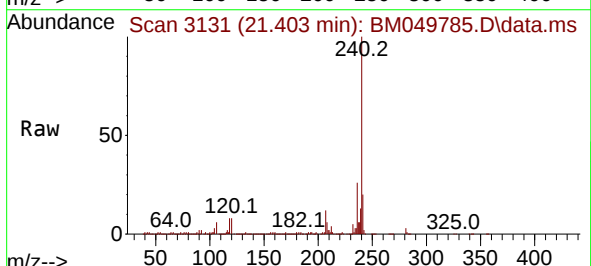
Tgt Ion:240 Resp: 1016708

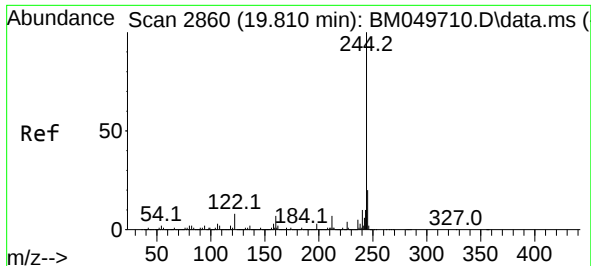
Ion Ratio Lower Upper

240 100

120 8.4 6.5 9.7

236 26.2 20.7 31.1

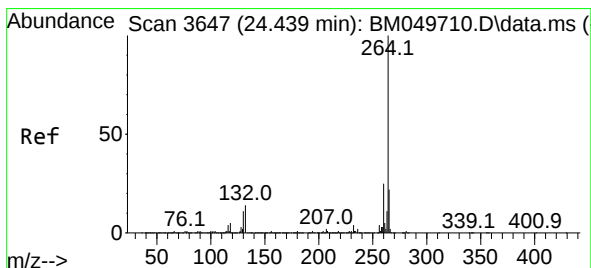
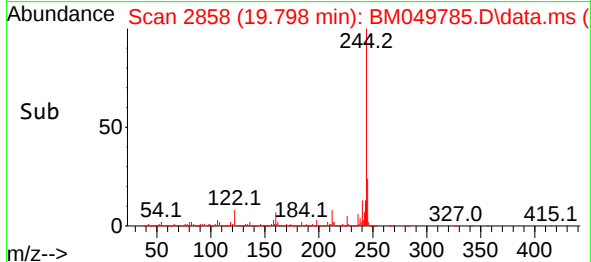
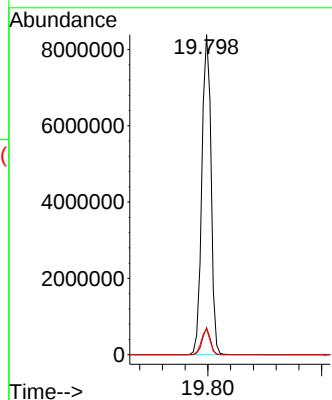
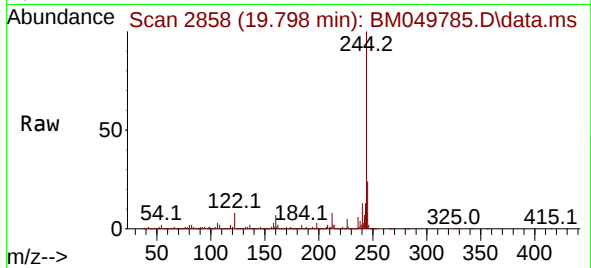




#79
 Terphenyl-d14
 Concen: 156.029 ng
 RT: 19.798 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM049785.D
 Acq: 02 Apr 2025 11:25

Instrument :
 BNA_M
 ClientSampleId :
 PB167406BL

Tgt Ion:244 Resp: 9413891
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.8 8.6
 122 8.1 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: BM049785.D
 Acq: 02 Apr 2025 11:25

Tgt Ion:264 Resp: 836755
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.6 29.4
 265 21.1 18.2 27.2

