

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
 Data File : BM050097.D
 Acq On : 05 May 2025 12:57
 Operator : RC/JU
 Sample : PB167815TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167815TB

Quant Time: May 05 13:47:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	249102	20.000	ng	-0.02
21) Naphthalene-d8	10.545	136	868897	20.000	ng	-0.02
39) Acenaphthene-d10	14.398	164	612335	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1239625	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1109017	20.000	ng	-0.01
86) Perylene-d12	24.385	264	1185656	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1951278	137.166	ng	-0.02
7) Phenol-d6	6.934	99	2392669	133.819	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1436336	81.457	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1336109	147.568	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	4054520	78.330	ng	-0.02
79) Terphenyl-d14	19.768	244	7117518	94.968	ng	-0.01

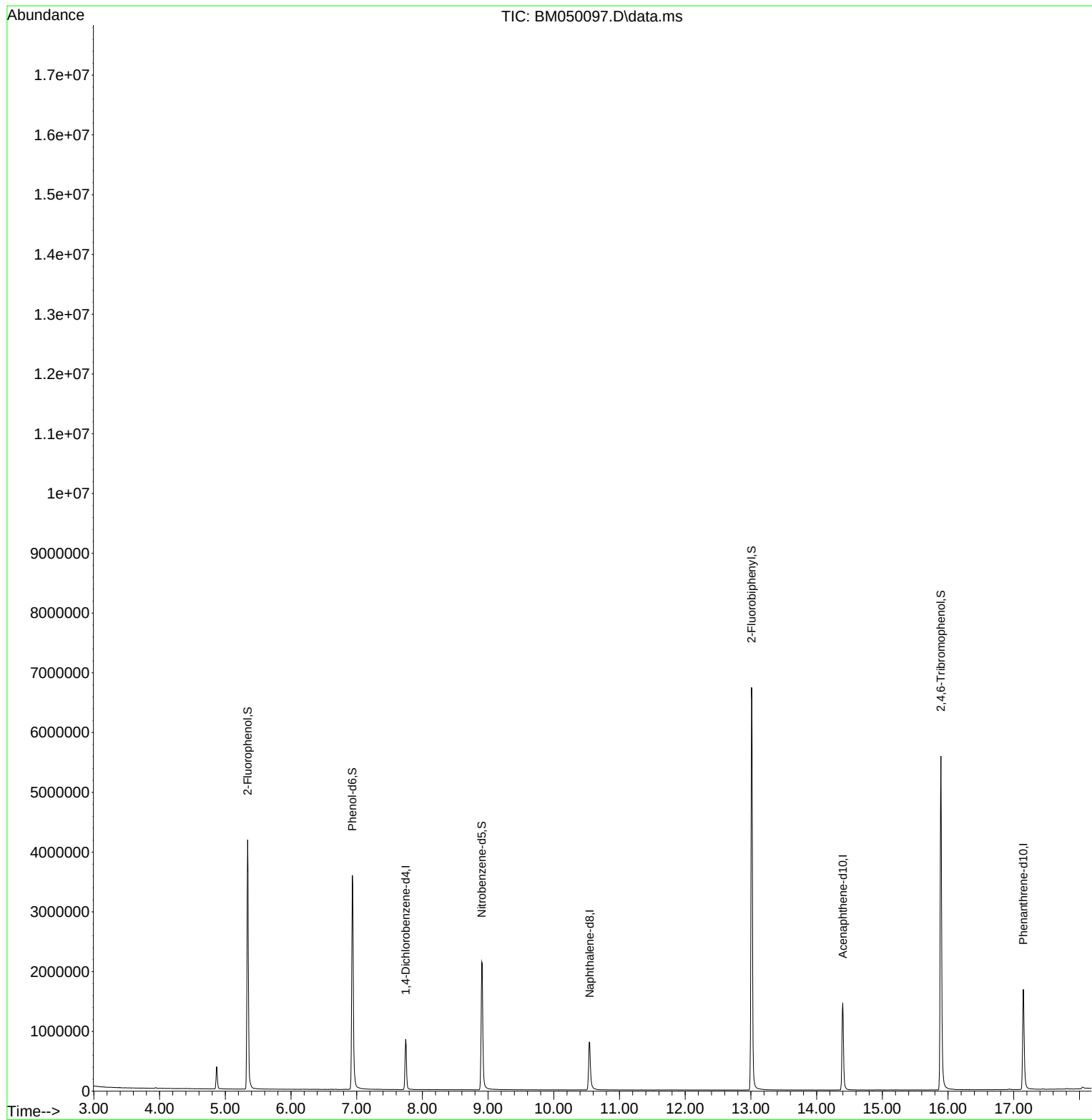
Target Compounds	Qvalue

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

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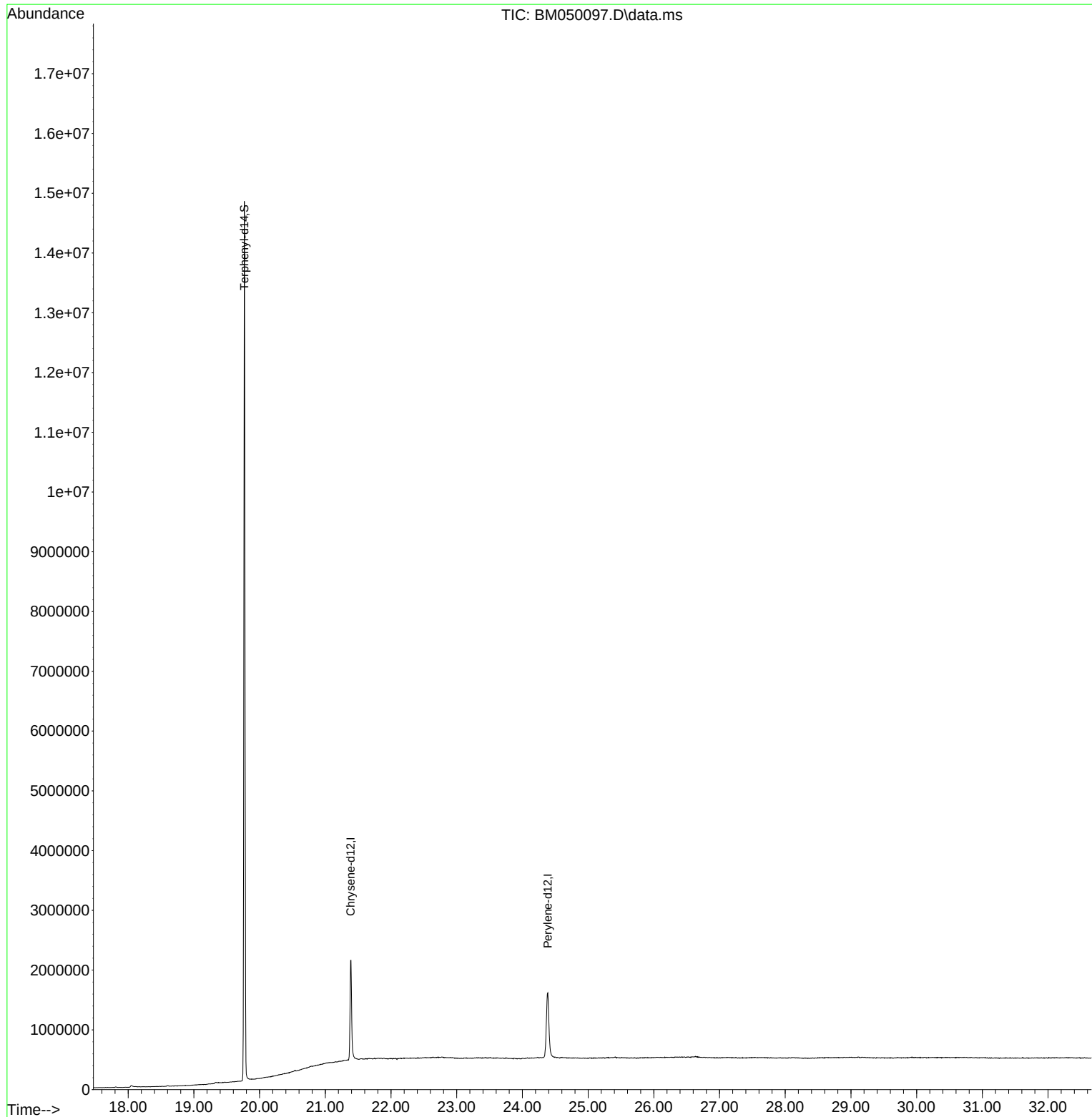
Quant Time: May 05 13:47:47 2025
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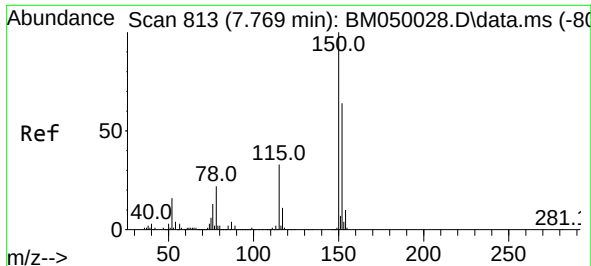


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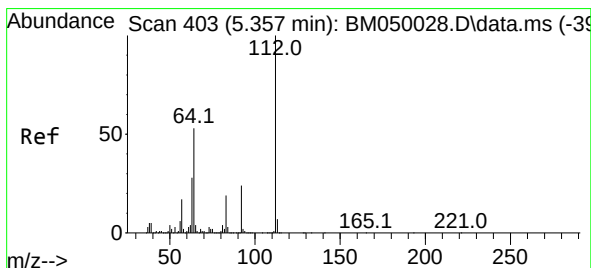
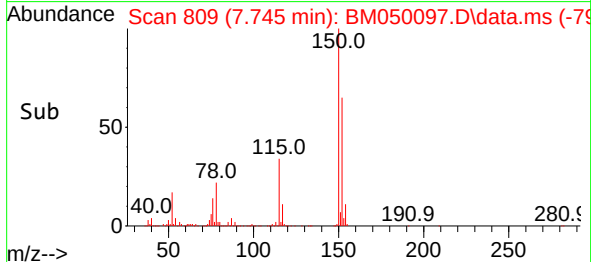
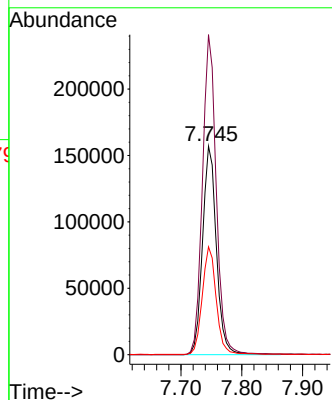
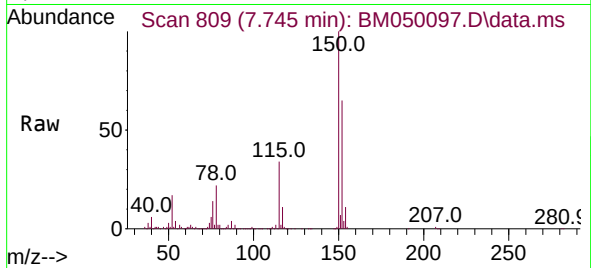




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

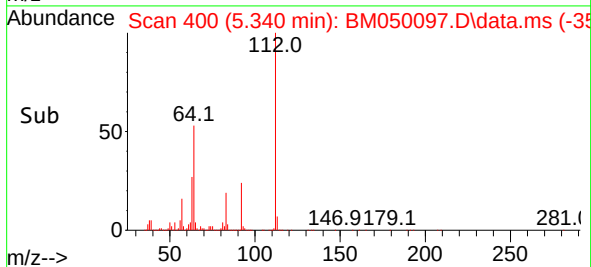
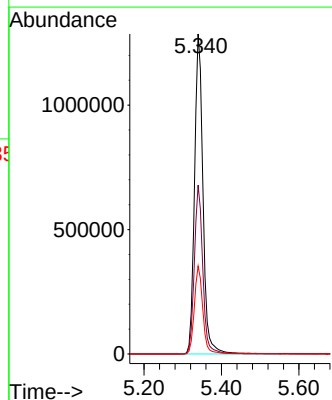
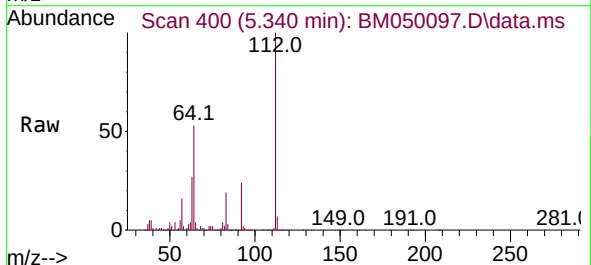
Instrument :
BNA_M
ClientSampleId :
PB167815TB

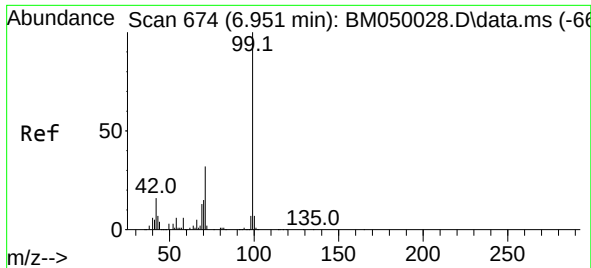
Tgt Ion:152 Resp: 249102
Ion Ratio Lower Upper
152 100
150 153.5 124.1 186.1
115 51.7 41.2 61.8



#5
2-Fluorophenol
Concen: 137.166 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

Tgt Ion:112 Resp: 1951278
Ion Ratio Lower Upper
112 100
64 52.7 42.6 64.0
63 27.5 22.2 33.4

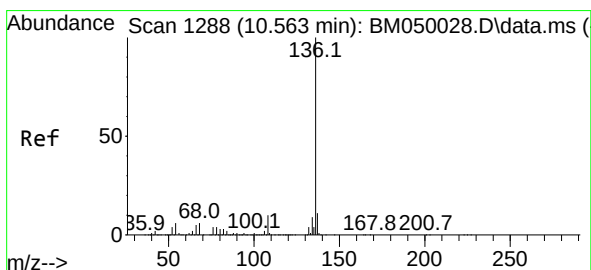
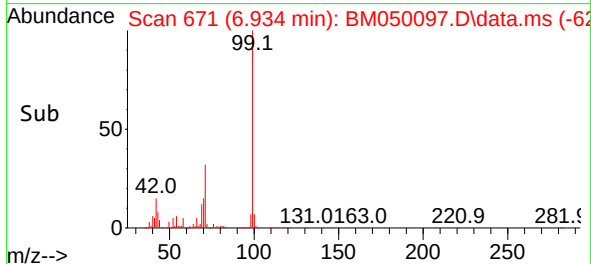
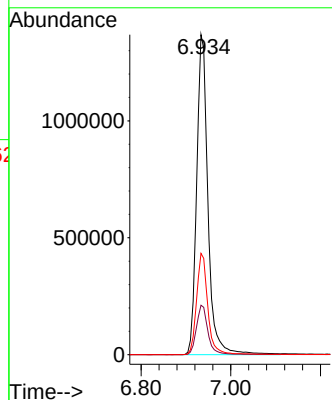
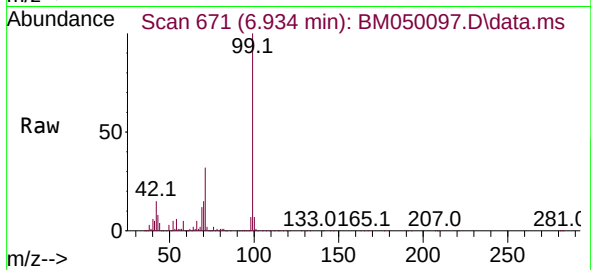




#7
Phenol-d6
Concen: 133.819 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

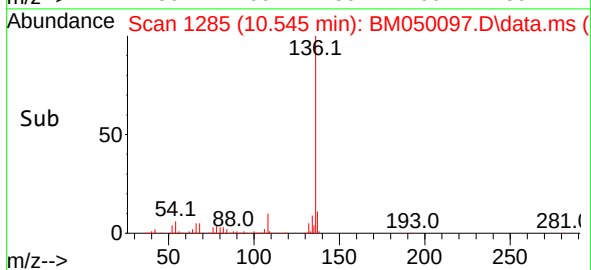
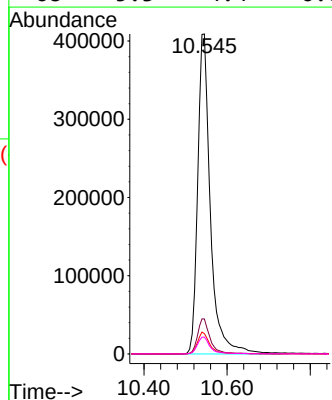
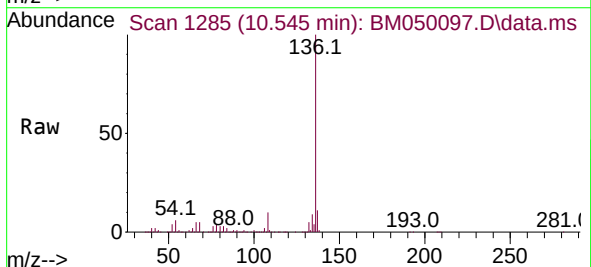
Instrument :
BNA_M
ClientSampleId :
PB167815TB

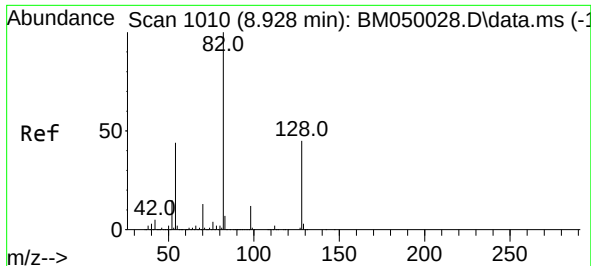
Tgt Ion: 99 Resp: 2392669
Ion Ratio Lower Upper
99 100
42 15.5 13.0 19.4
71 31.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

Tgt Ion: 136 Resp: 868897
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.4 5.1 7.7
68 5.3 4.4 6.6

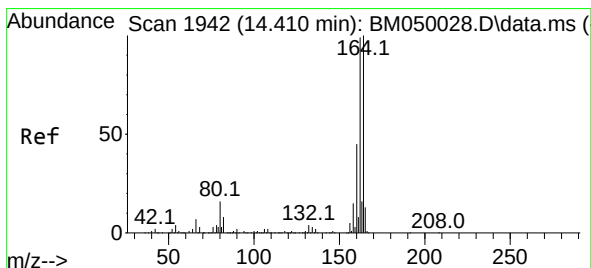
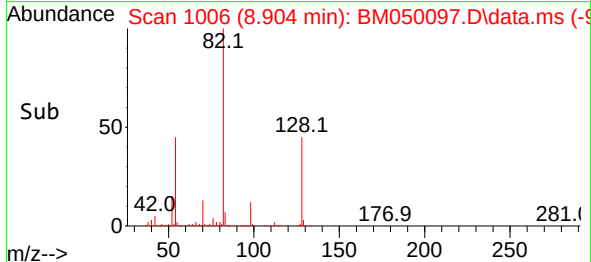
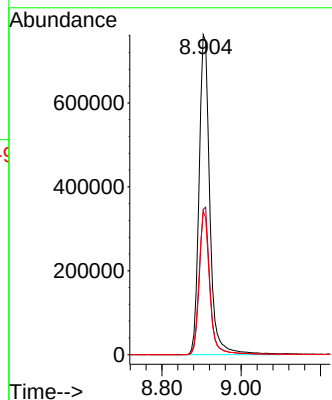
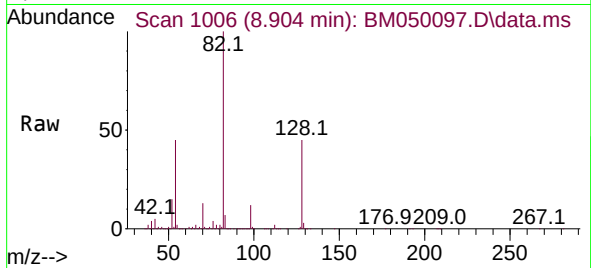




#23
Nitrobenzene-d5
Concen: 81.457 ng
RT: 8.904 min Scan# 1010
Delta R.T. -0.024 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

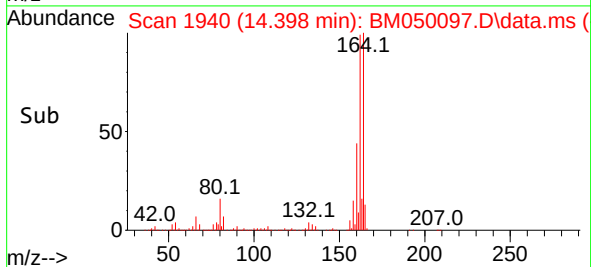
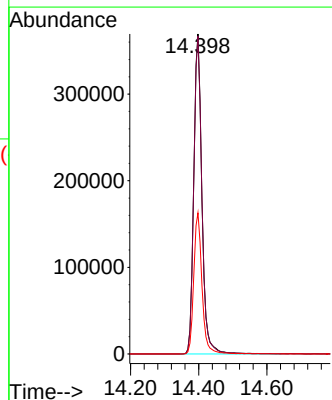
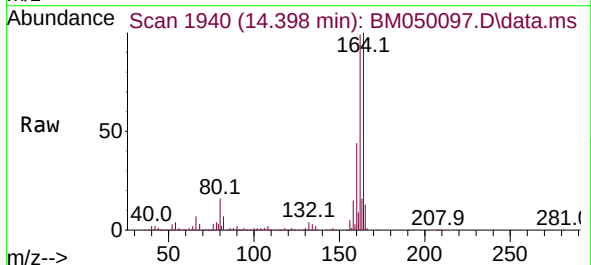
Instrument :
BNA_M
ClientSampleId :
PB167815TB

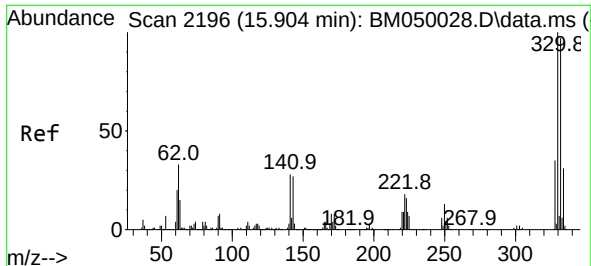
Tgt Ion: 82 Resp: 1436336
Ion Ratio Lower Upper
82 100
128 45.4 35.7 53.5
54 44.8 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

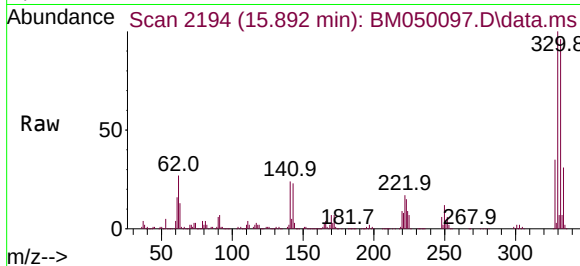
Tgt Ion:164 Resp: 612335
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 44.1 36.2 54.4



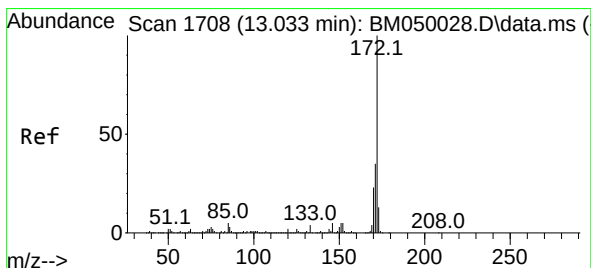
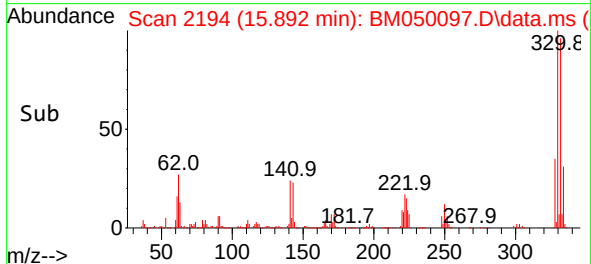
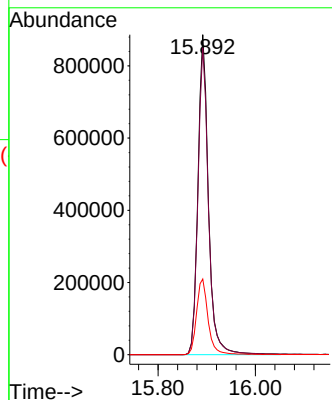


#42
2,4,6-Tribromophenol
Concen: 147.568 ng
RT: 15.892 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

Instrument :
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ClientSampleId :
PB167815TB

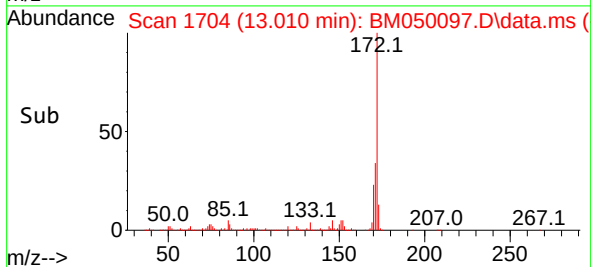
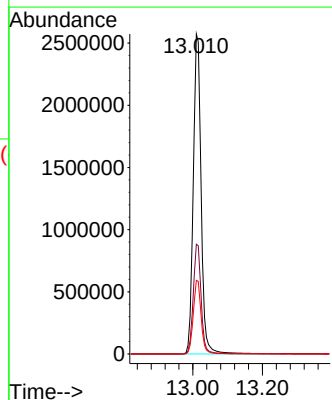
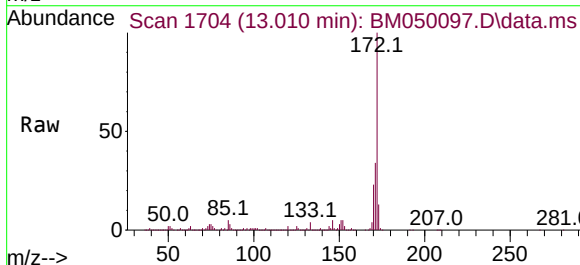


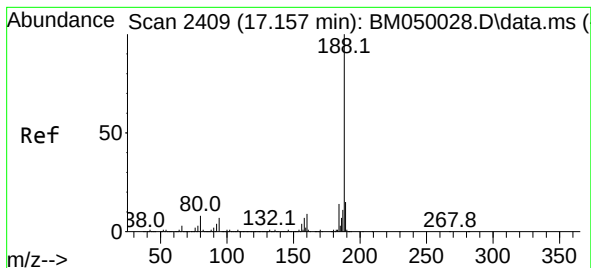
Tgt Ion:330 Resp: 1336109
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 25.8 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 78.330 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

Tgt Ion:172 Resp: 4054520
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 23.0 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM050097.D

Acq: 05 May 2025 12:57

Instrument :

BNA_M

ClientSampleId :

PB167815TB

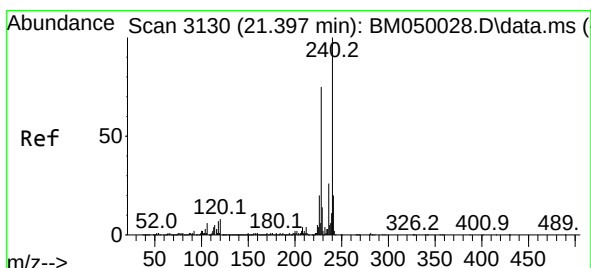
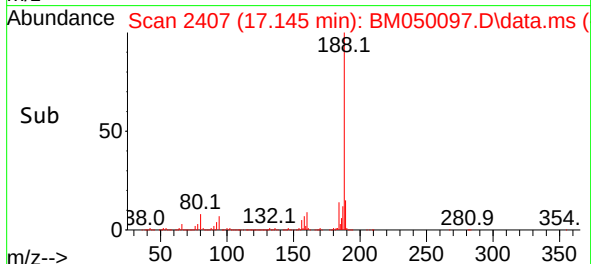
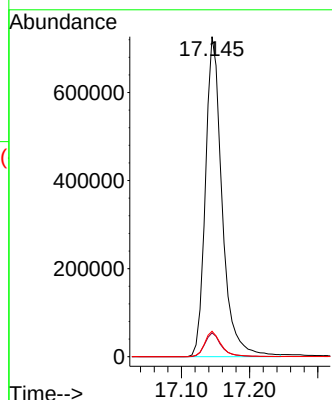
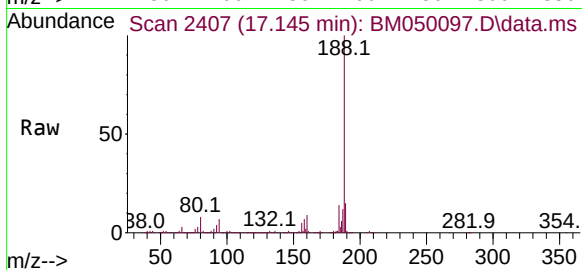
Tgt Ion:188 Resp: 1239625

Ion Ratio Lower Upper

188 100

94 7.4 5.7 8.5

80 7.9 6.2 9.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3128

Delta R.T. -0.011 min

Lab File: BM050097.D

Acq: 05 May 2025 12:57

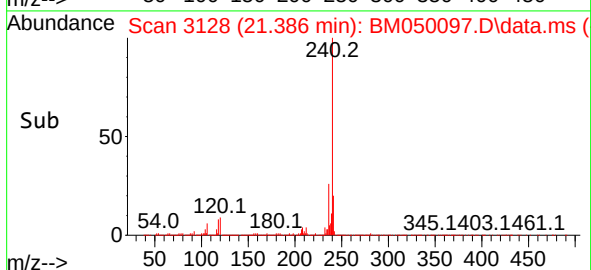
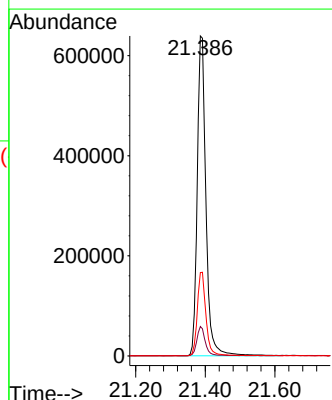
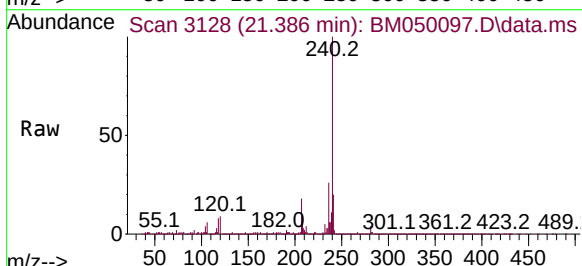
Tgt Ion:240 Resp: 1109017

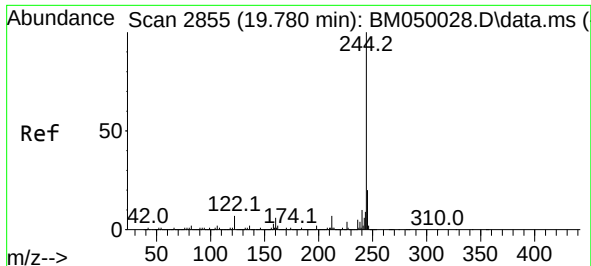
Ion Ratio Lower Upper

240 100

120 9.2 6.5 9.7

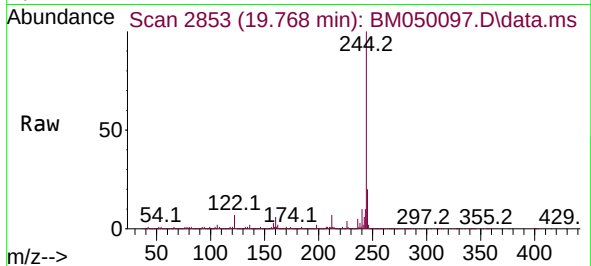
236 26.0 20.9 31.3



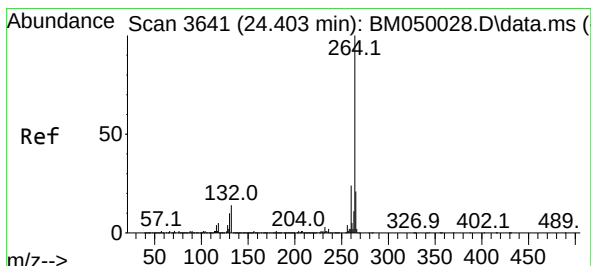
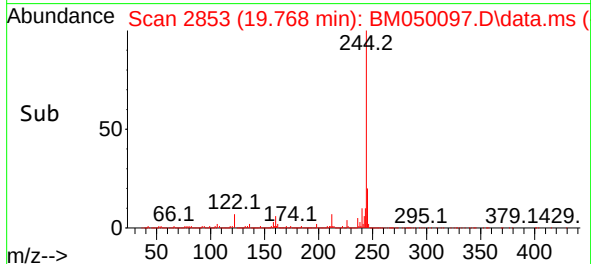
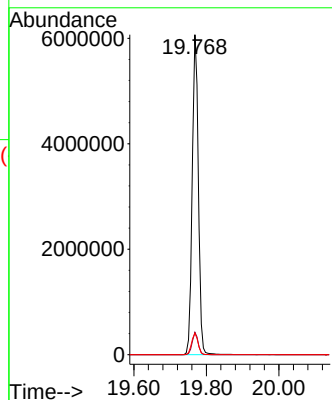


#79
Terphenyl-d14
Concen: 94.968 ng
RT: 19.768 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

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Tgt Ion:244 Resp: 7117518
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 6.7 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.385 min Scan# 3638
Delta R.T. -0.018 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

Tgt Ion:264 Resp: 1185656
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 22.2 17.0 25.4

