

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061325\
 Data File : BM050320.D
 Acq On : 14 Jun 2025 04:58
 Operator : RC/JU
 Sample : Q2297-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TP-3

Quant Time: Jun 14 06:01:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	383319	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1438578	20.000	ng	#-0.01
39) Acenaphthene-d10	14.392	164	750545	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	1359180	20.000	ng	-0.01
76) Chrysene-d12	21.350	240	1389476	20.000	ng	-0.02
86) Perylene-d12	24.321	264	1477350	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3539115	154.017	ng	0.00
7) Phenol-d6	6.928	99	3977687	131.496	ng	0.00
23) Nitrobenzene-d5	8.910	82	2881913	104.188	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	1289990	151.107	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	5441372	98.153	ng	-0.01
79) Terphenyl-d14	19.756	244	6972810	95.098	ng	-0.01

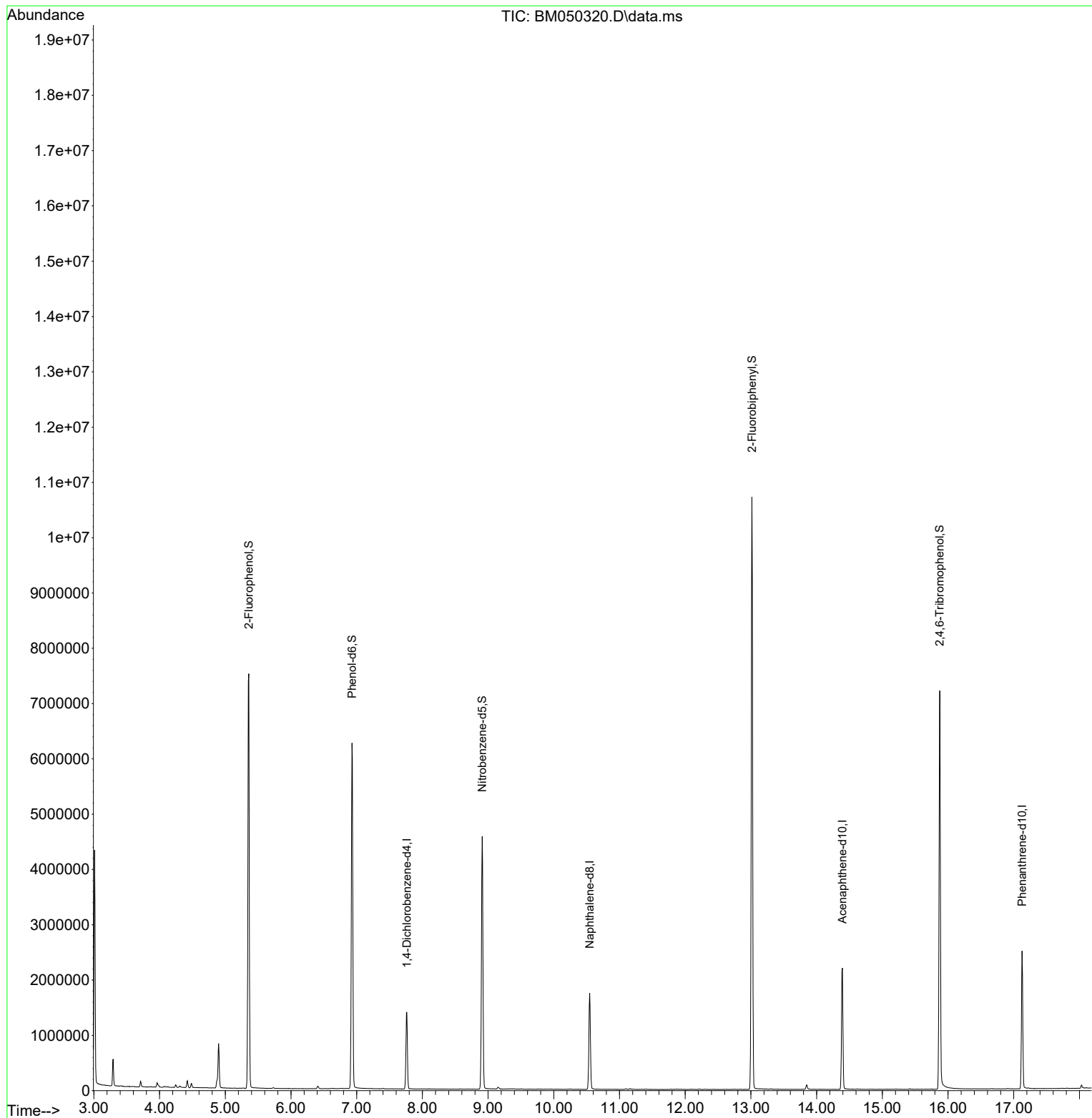
Target Compounds	Qvalue

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

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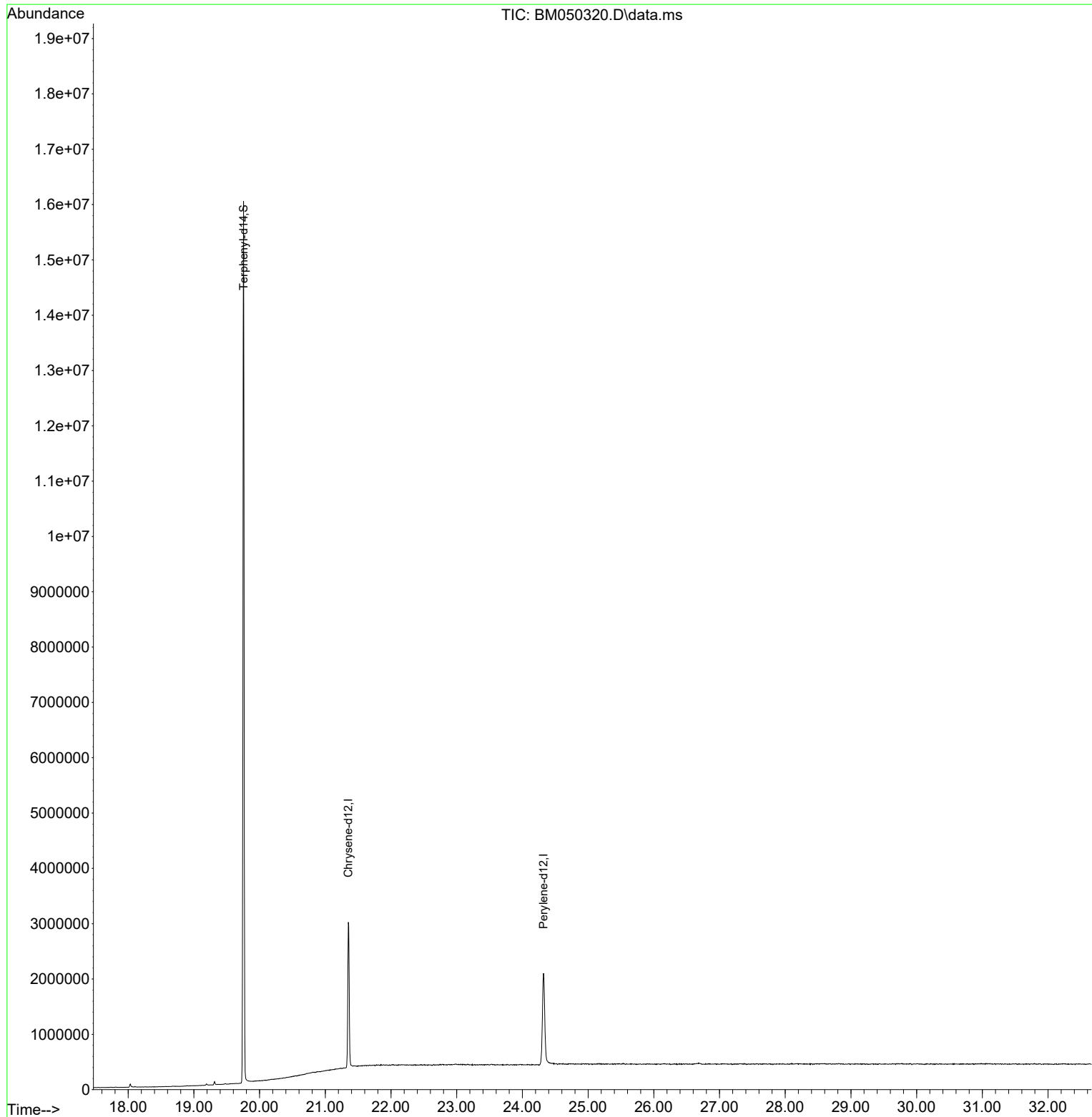
Quant Time: Jun 14 06:01:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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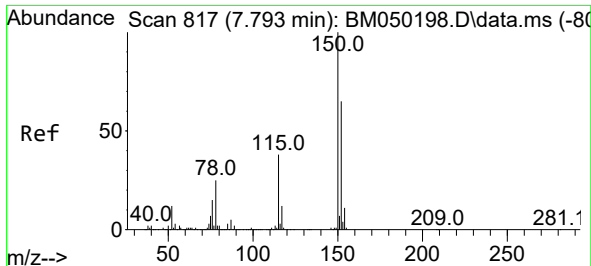


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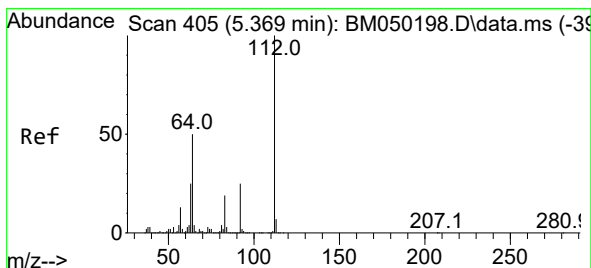
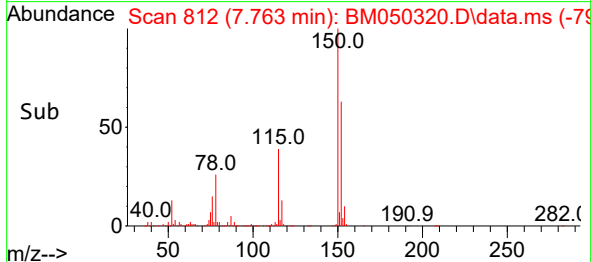
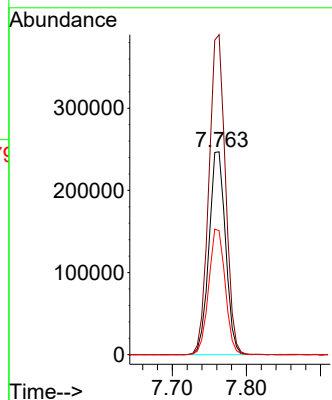
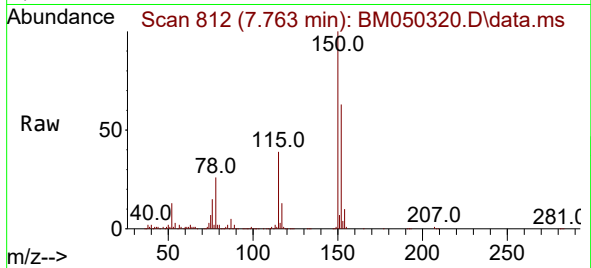




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050320.D
Acq: 14 Jun 2025 04:58

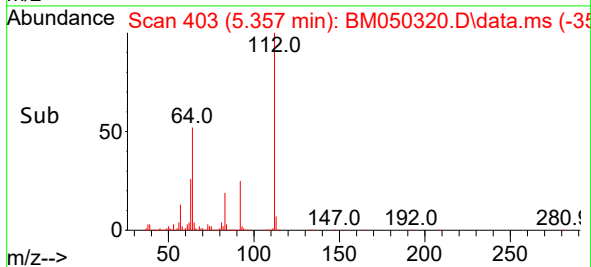
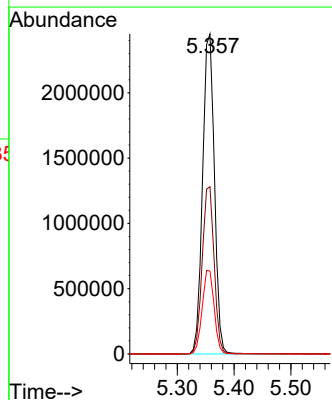
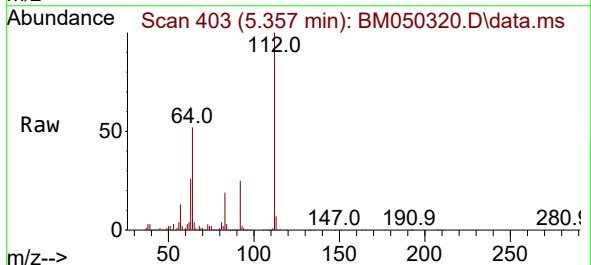
Instrument :
BNA_N
ClientSampleId :
TP-3

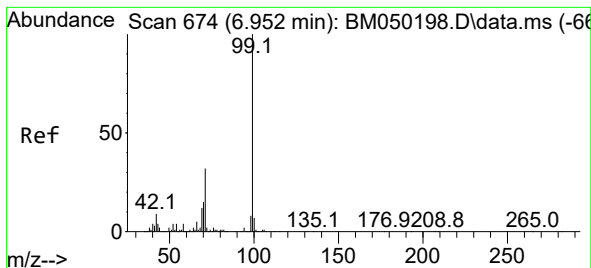
Tgt Ion:152 Resp: 383319
Ion Ratio Lower Upper
152 100
150 157.7 122.2 183.4
115 61.1 46.3 69.5



#5
2-Fluorophenol
Concen: 154.017 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050320.D
Acq: 14 Jun 2025 04:58

Tgt Ion:112 Resp: 3539115
Ion Ratio Lower Upper
112 100
64 52.3 39.8 59.6
63 25.9 19.8 29.8





#7

Phenol-d6

Concen: 131.496 ng

RT: 6.928 min Scan# 61

Delta R.T. -0.006 min

Lab File: BM050320.D

Acq: 14 Jun 2025 04:58

Instrument :

BNA_N

ClientSampleId :

TP-3

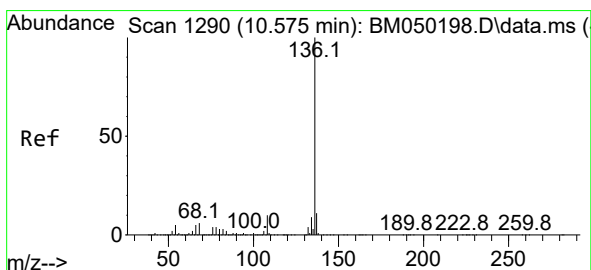
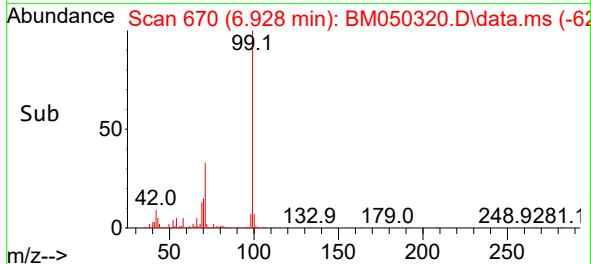
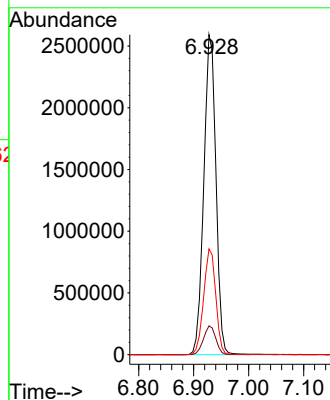
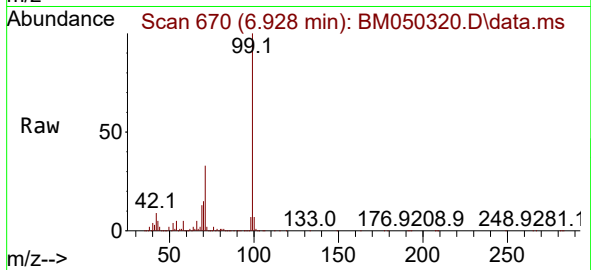
Tgt Ion: 99 Resp: 3977687

Ion Ratio Lower Upper

99 100

42 9.0 6.9 10.3

71 33.1 25.3 37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.545 min Scan# 1285

Delta R.T. -0.012 min

Lab File: BM050320.D

Acq: 14 Jun 2025 04:58

Tgt Ion: 136 Resp: 1438578

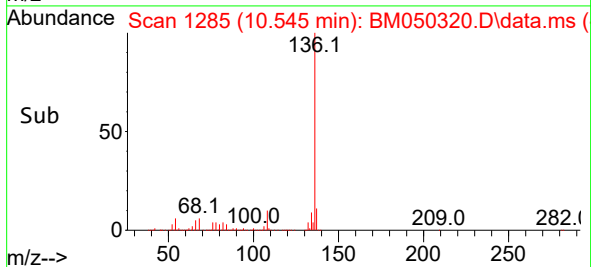
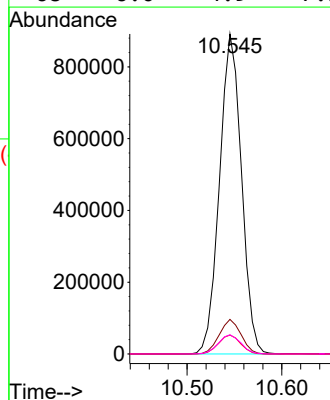
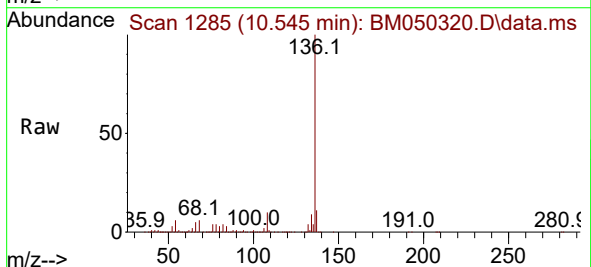
Ion Ratio Lower Upper

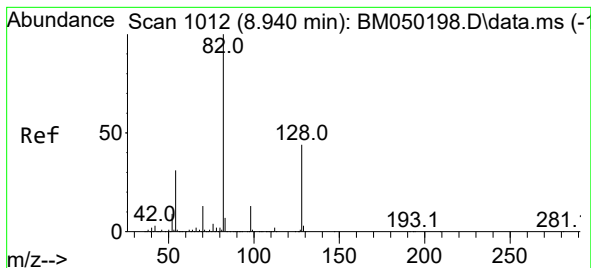
136 100

137 10.8 8.6 13.0

54 5.9 3.8 5.8#

68 6.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 104.188 ng

RT: 8.910 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM050320.D

Acq: 14 Jun 2025 04:58

Instrument :

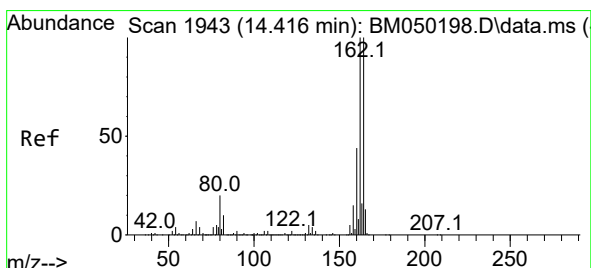
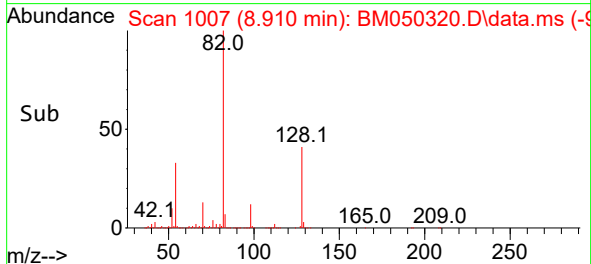
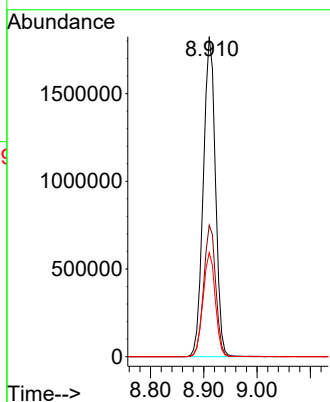
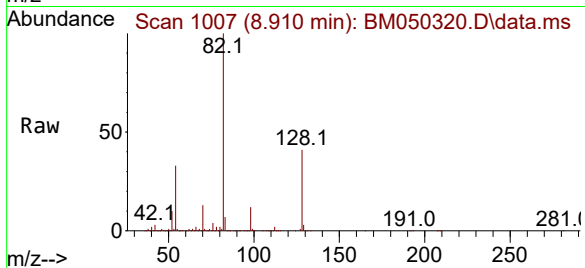
BNA_N

ClientSampleId :

TP-3

Tgt Ion: 82 Resp: 2881913

Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.2	52.8
54	32.5	24.5	36.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

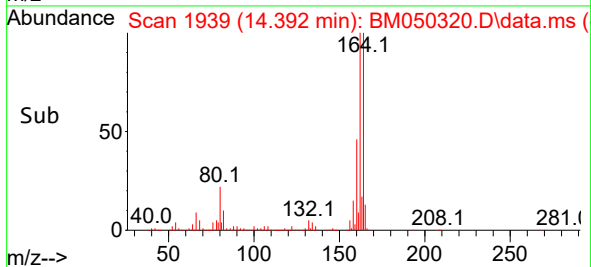
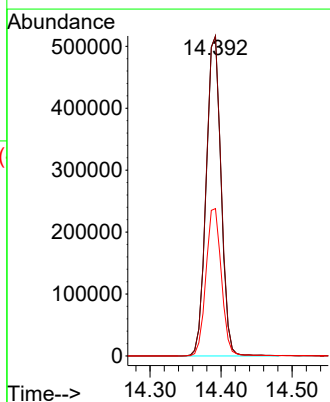
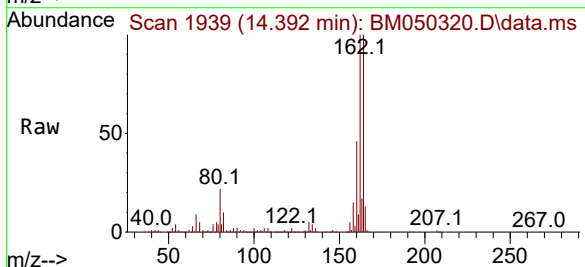
Delta R.T. -0.006 min

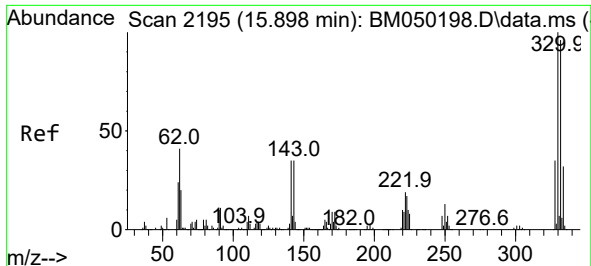
Lab File: BM050320.D

Acq: 14 Jun 2025 04:58

Tgt Ion: 164 Resp: 750545

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.4
160	46.1	35.7	53.5

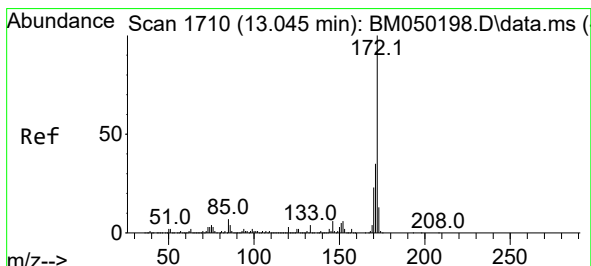
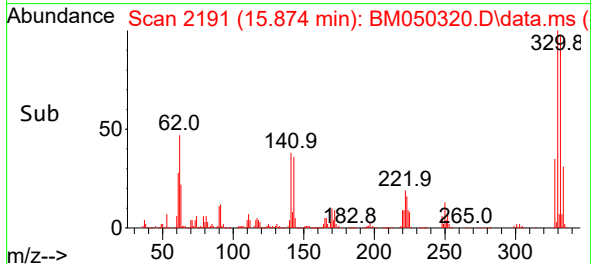
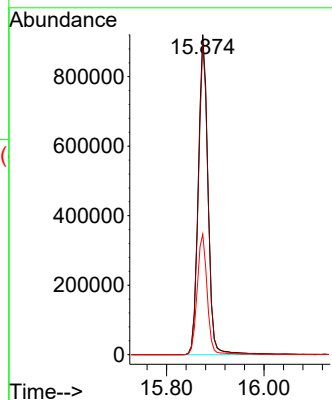
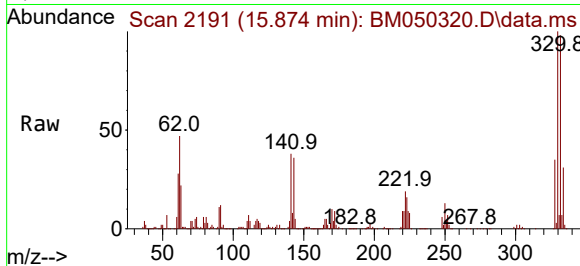




#42
2,4,6-Tribromophenol
Concen: 151.107 ng
RT: 15.874 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050320.D
Acq: 14 Jun 2025 04:58

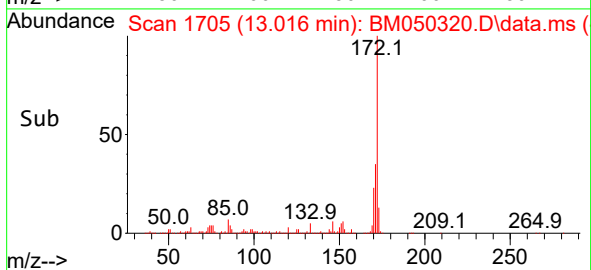
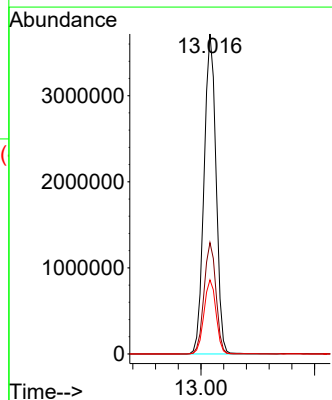
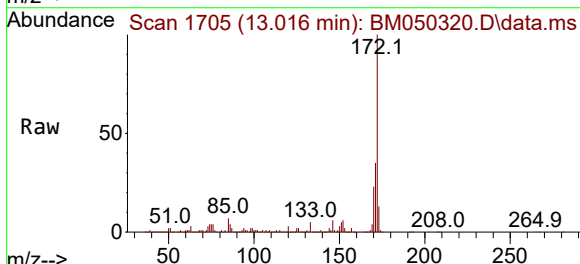
Instrument :
BNA_N
ClientSampleId :
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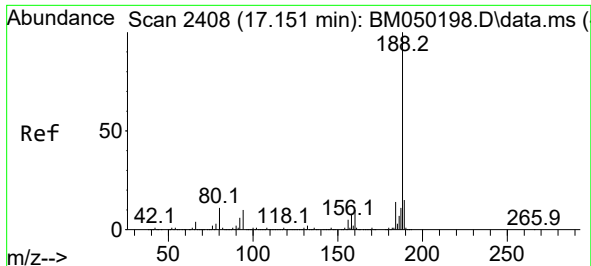
Tgt Ion:330 Resp: 1289990
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 38.7 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 98.153 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BM050320.D
Acq: 14 Jun 2025 04:58

Tgt Ion:172 Resp: 5441372
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.1 18.6 27.8

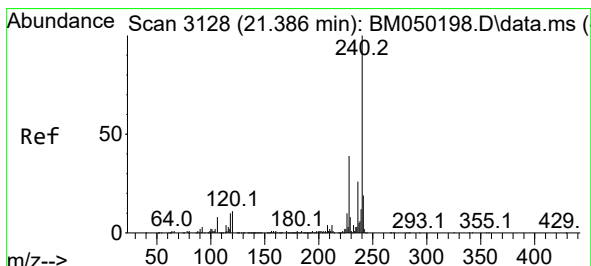
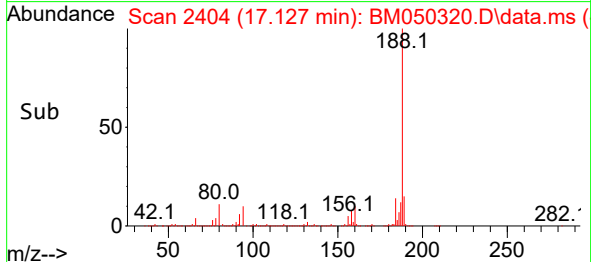
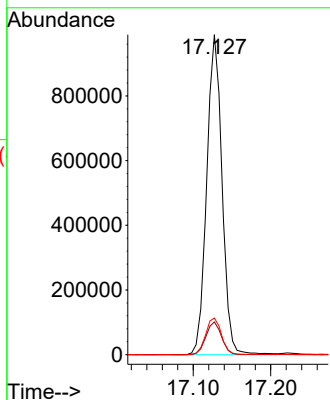
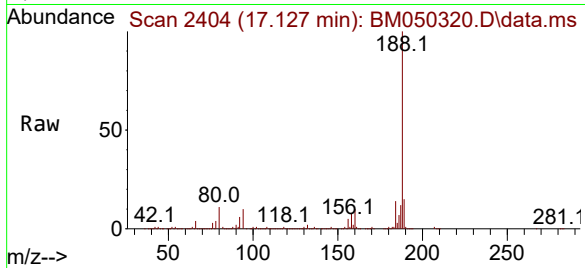




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.127 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BM050320.D
Acq: 14 Jun 2025 04:58

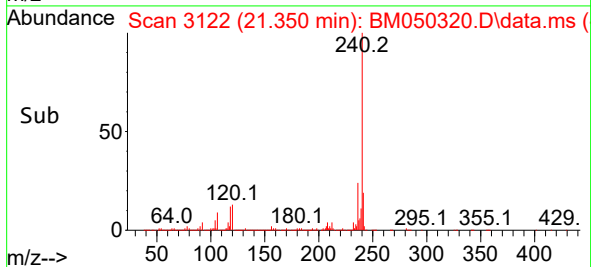
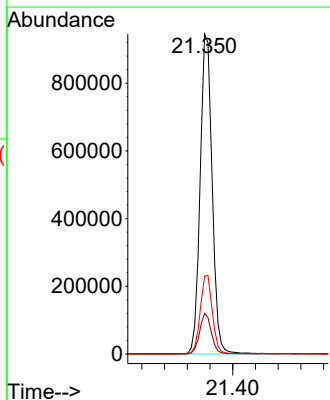
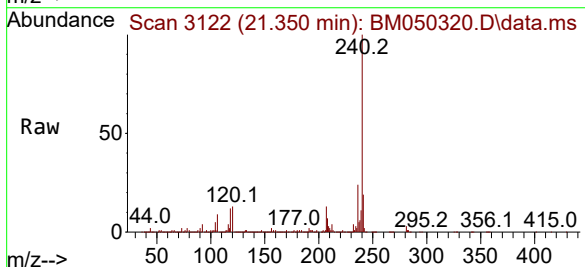
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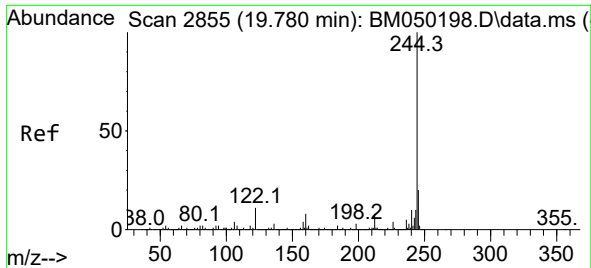
Tgt Ion:188 Resp: 1359180
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 11.5 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.350 min Scan# 3122
Delta R.T. -0.023 min
Lab File: BM050320.D
Acq: 14 Jun 2025 04:58

Tgt Ion:240 Resp: 1389476
Ion Ratio Lower Upper
240 100
120 12.7 9.0 13.4
236 24.4 20.7 31.1

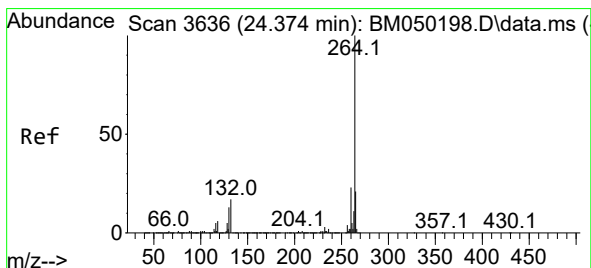
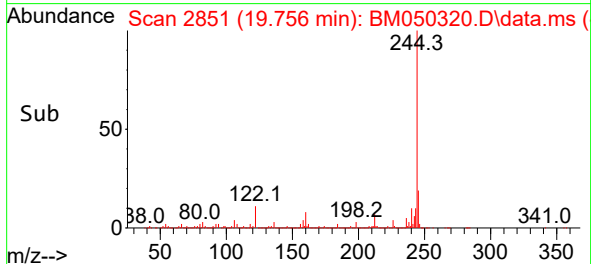
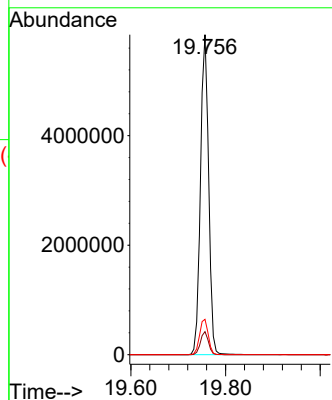
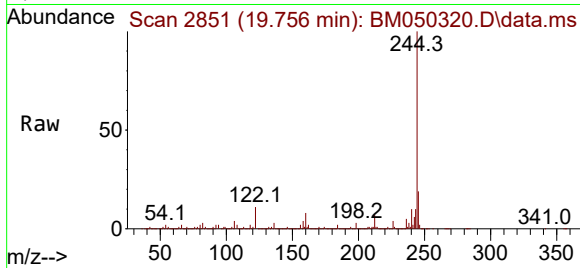




#79
 Terphenyl-d14
 Concen: 95.098 ng
 RT: 19.756 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050320.D
 Acq: 14 Jun 2025 04:58

Instrument :
 BNA_N
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 6972810
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.321 min Scan# 3627
 Delta R.T. -0.023 min
 Lab File: BM050320.D
 Acq: 14 Jun 2025 04:58

Tgt Ion:264 Resp: 1477350
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.6 16.8 25.2

