

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
 Data File : BM049918.D
 Acq On : 14 Apr 2025 17:48
 Operator : RC/JU
 Sample : Q1760-05DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-15DL

Quant Time: Apr 15 02:27:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

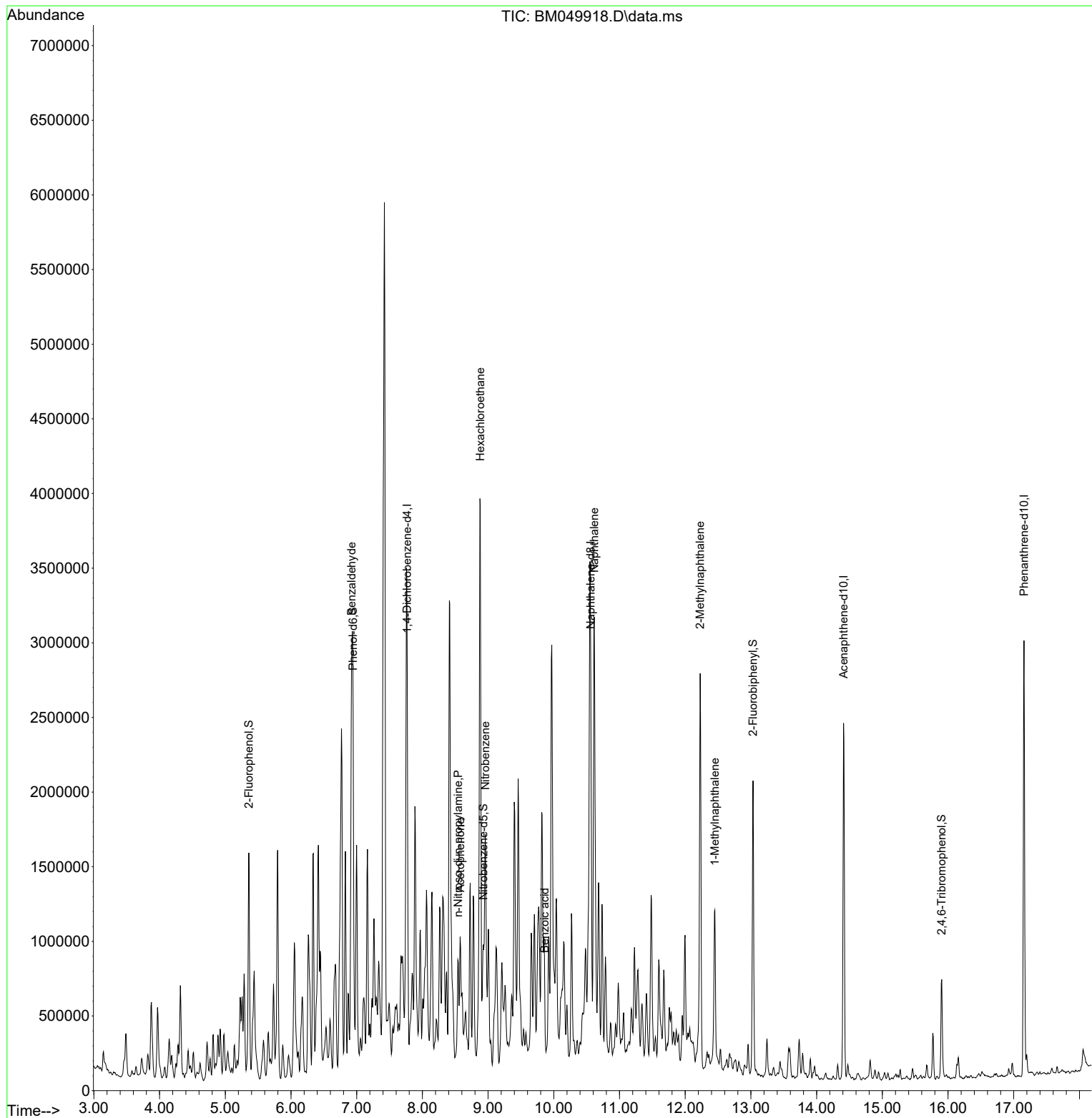
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	372955	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1313910	20.000	ng	-0.01
39) Acenaphthene-d10	14.410	164	877744	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1740077	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1790517	20.000	ng	-0.01
86) Perylene-d12	24.386	264	1938740	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	392648	17.877	ng	0.00
7) Phenol-d6	6.945	99	643141	23.535	ng	0.00
23) Nitrobenzene-d5	8.928	82	397550	16.849	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	141229	11.062	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	1061320	16.396	ng	-0.01
79) Terphenyl-d14	19.780	244	1646261	17.231	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.922	77	109290	7.794	ng	# 1
18) Hexachloroethane	8.881	117	379068	40.692	ng	# 1
19) n-Nitroso-di-n-propyla...	8.545	70	31197	2.061	ng	# 66
22) Acetophenone	8.575	105	476732	14.930	ng	# 60
24) Nitrobenzene	8.957	77	50140	2.207	ng	# 11
31) Naphthalene	10.616	128	1475583	21.856	ng	# 98
32) Benzoic acid	9.863	122	282	8.552	ng	# 1
37) 2-Methylnaphthalene	12.227	142	1253263	26.347	ng	100
38) 1-Methylnaphthalene	12.451	142	495029	10.682	ng	99

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

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-15DL

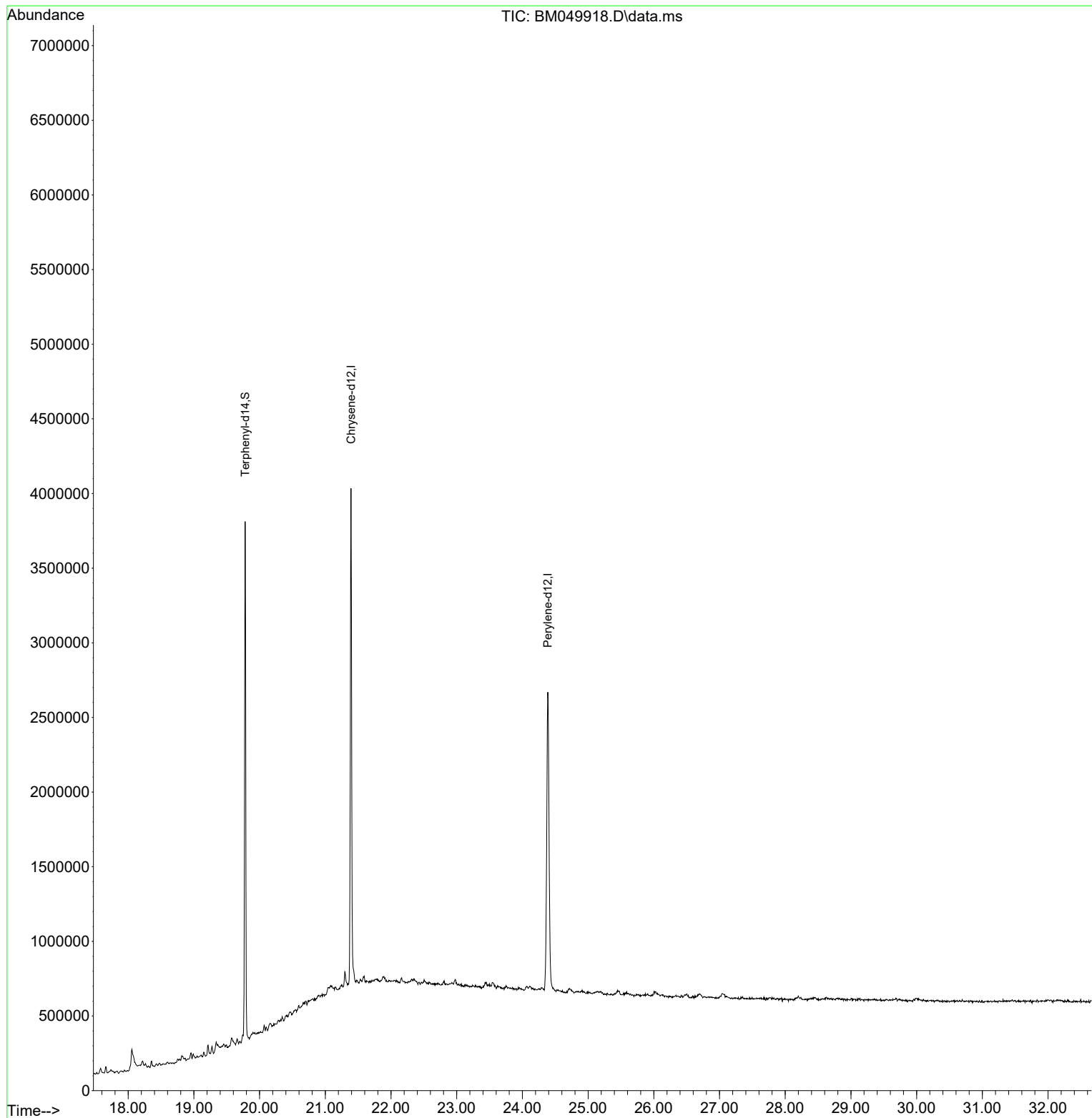
Quant Time: Apr 15 02:27:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
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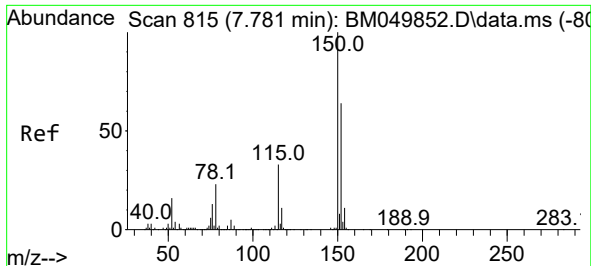


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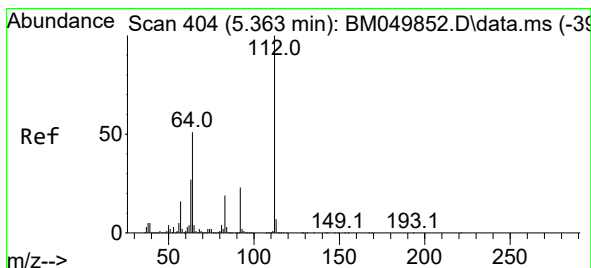
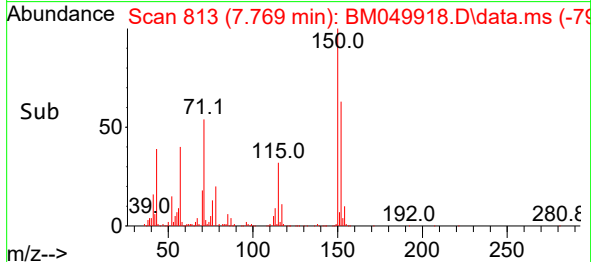
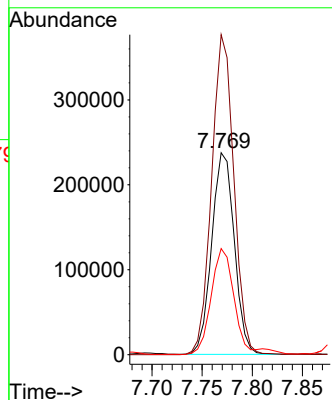
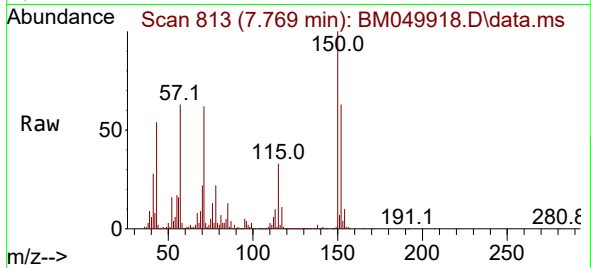




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049918.D
Acq: 14 Apr 2025 17:48

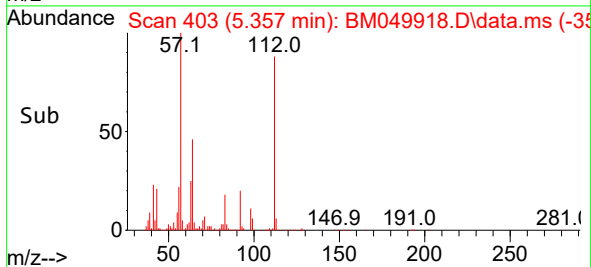
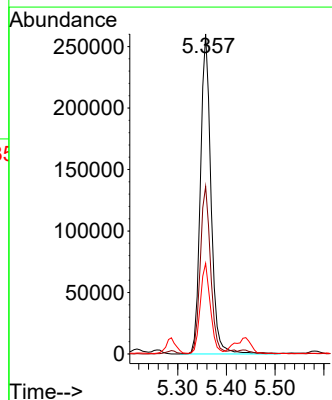
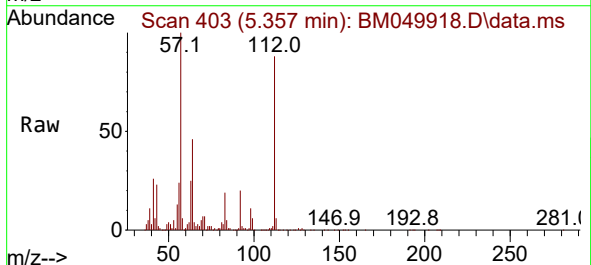
Instrument :
BNA_M
ClientSampleId :
TP-15DL

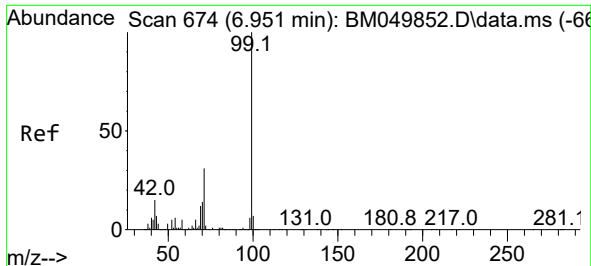
Tgt Ion:152 Resp: 372955
Ion Ratio Lower Upper
152 100
150 158.5 124.3 186.5
115 52.6 41.1 61.7



#5
2-Fluorophenol
Concen: 17.877 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049918.D
Acq: 14 Apr 2025 17:48

Tgt Ion:112 Resp: 392648
Ion Ratio Lower Upper
112 100
64 52.4 41.0 61.6
63 28.3 21.5 32.3

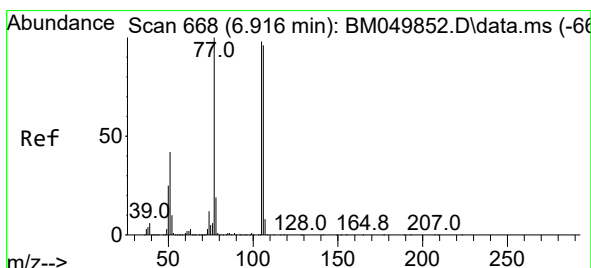
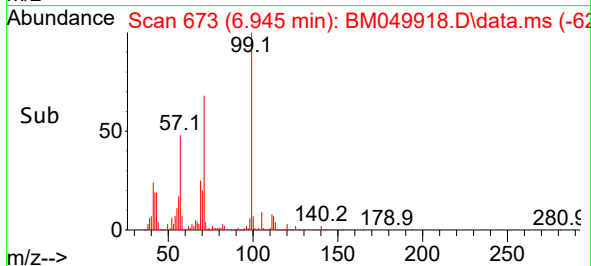
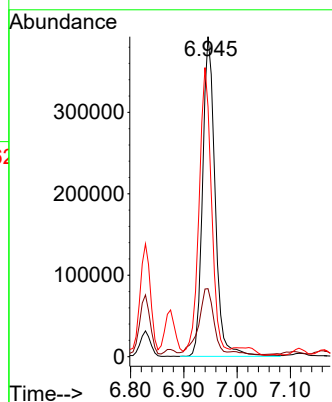
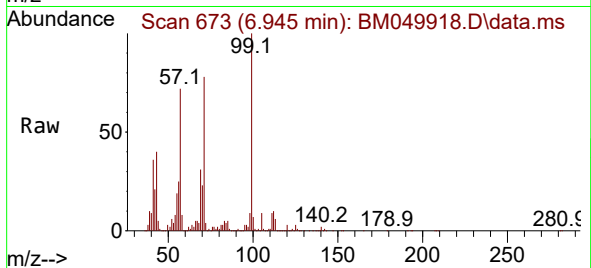




#7
Phenol-d6
Concen: 23.535 ng
RT: 6.945 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM049918.D
Acq: 14 Apr 2025 17:48

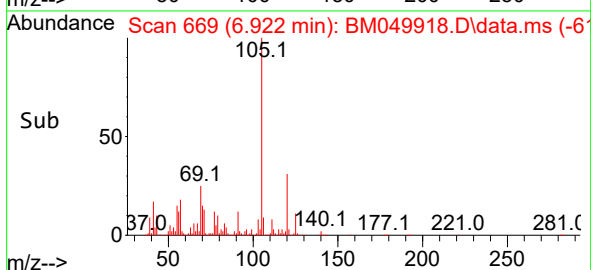
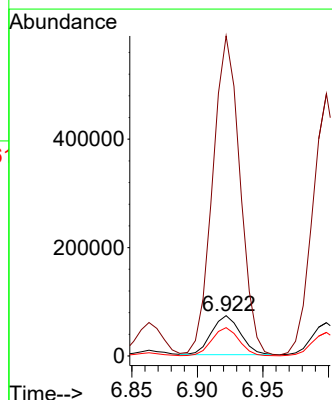
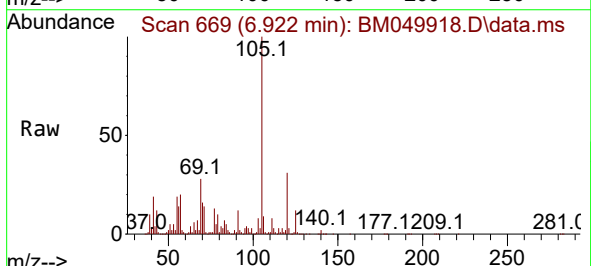
Instrument :
BNA_M
ClientSampleId :
TP-15DL

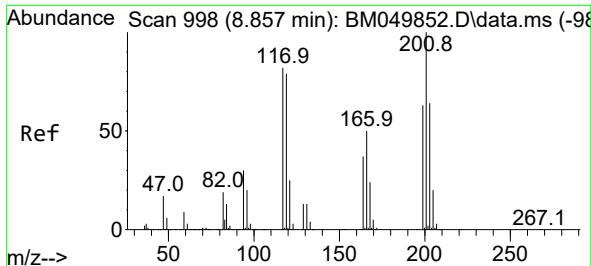
Tgt Ion: 99 Resp: 643141
Ion Ratio Lower Upper
99 100
42 21.3 12.1 18.1#
71 78.1 24.9 37.3#



#9
Benzaldehyde
Concen: 7.794 ng
RT: 6.922 min Scan# 669
Delta R.T. 0.006 min
Lab File: BM049918.D
Acq: 14 Apr 2025 17:48

Tgt Ion: 77 Resp: 109290
Ion Ratio Lower Upper
77 100
105 794.7 78.3 118.3#
106 70.2 76.0 116.0#

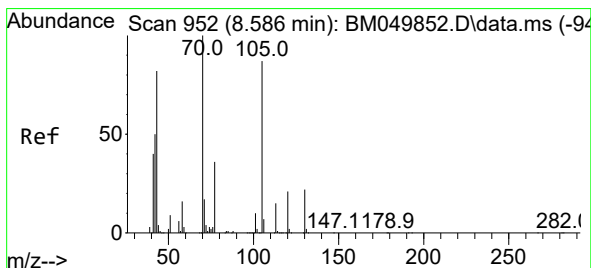
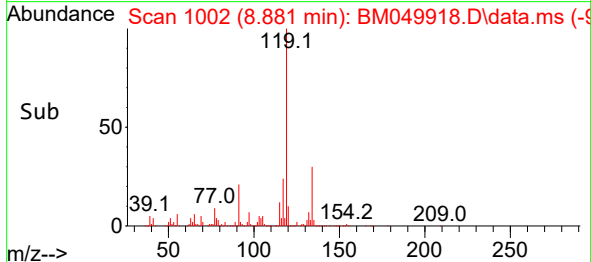
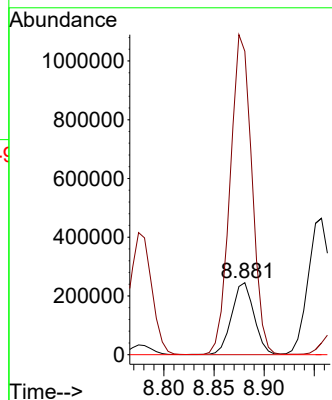
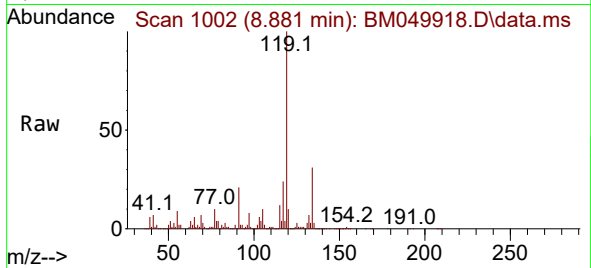




#18
Hexachloroethane
Concen: 40.692 ng
RT: 8.881 min Scan# 1002
Delta R.T. 0.024 min
Lab File: BM049918.D
Acq: 14 Apr 2025 17:48

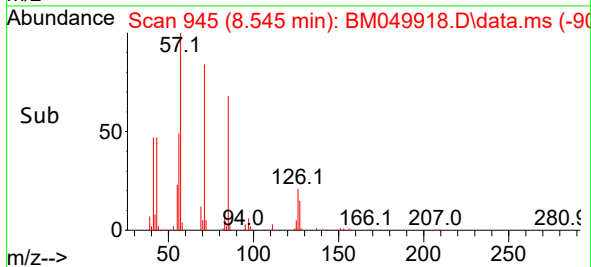
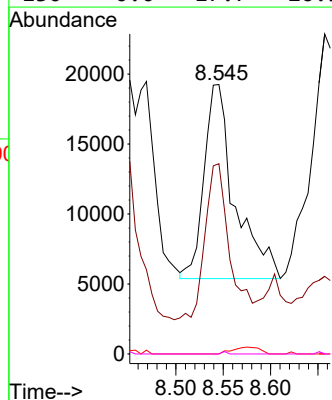
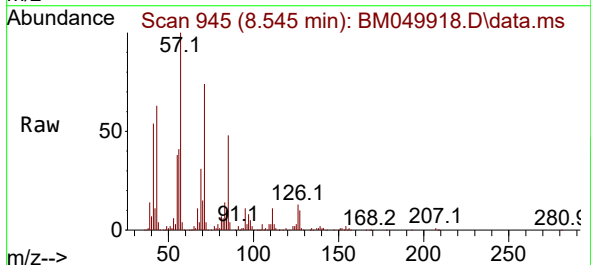
Instrument :
BNA_M
ClientSampleId :
TP-15DL

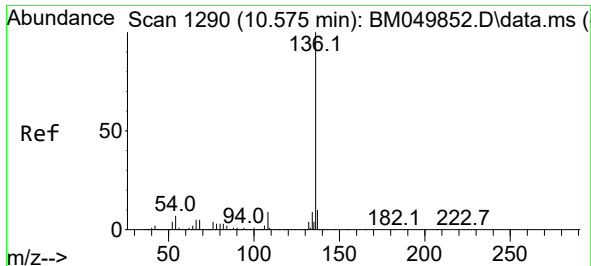
Tgt Ion:117 Resp: 379068
Ion Ratio Lower Upper
117 100
119 421.5 77.5 116.3#
201 0.0 97.7 146.5#



#19
n-Nitroso-di-n-propylamine
Concen: 2.061 ng
RT: 8.545 min Scan# 945
Delta R.T. -0.041 min
Lab File: BM049918.D
Acq: 14 Apr 2025 17:48

Tgt Ion: 70 Resp: 31197
Ion Ratio Lower Upper
70 100
42 70.6 40.2 60.2#
101 0.0 7.9 11.9#
130 0.0 17.7 26.5#

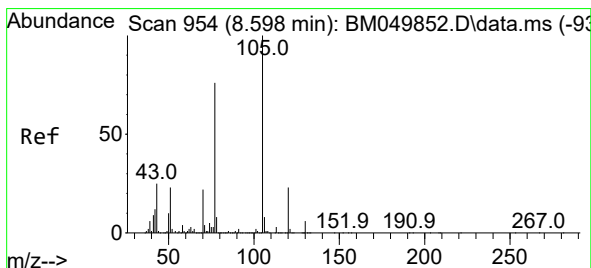
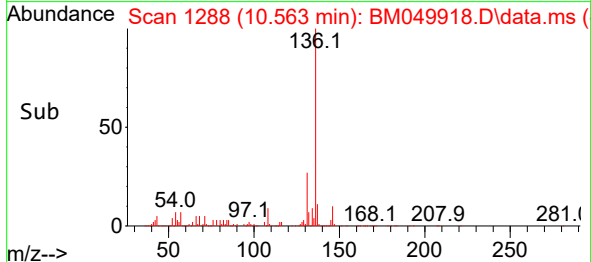
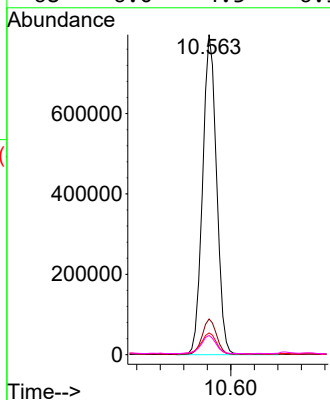
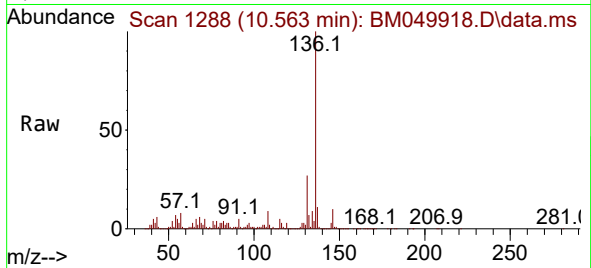




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049918.D
Acq: 14 Apr 2025 17:48

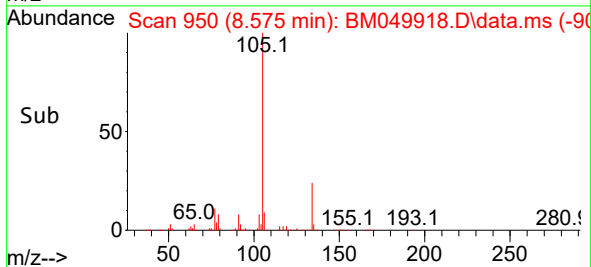
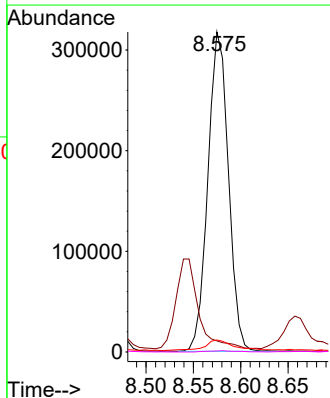
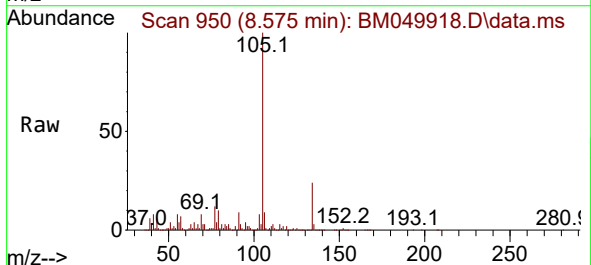
Instrument :
BNA_M
ClientSampleId :
TP-15DL

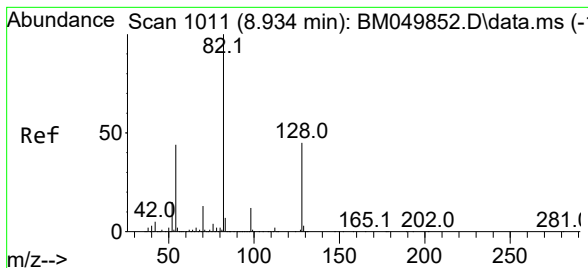
Tgt Ion:136 Resp: 1313910
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.8 5.3 7.9
68 6.0 4.3 6.5



#22
Acetophenone
Concen: 14.930 ng
RT: 8.575 min Scan# 950
Delta R.T. -0.023 min
Lab File: BM049918.D
Acq: 14 Apr 2025 17:48

Tgt Ion:105 Resp: 476732
Ion Ratio Lower Upper
105 100
71 3.4 3.0 4.4
51 3.7 18.6 27.8#
120 0.3 18.5 27.7#

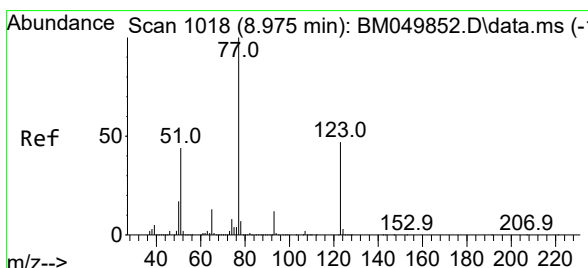
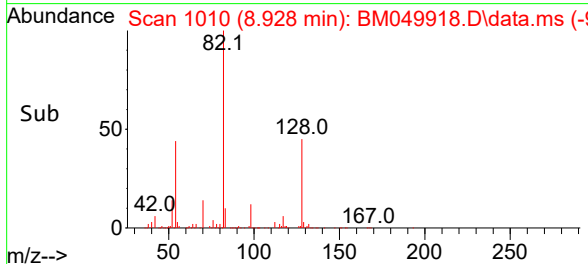
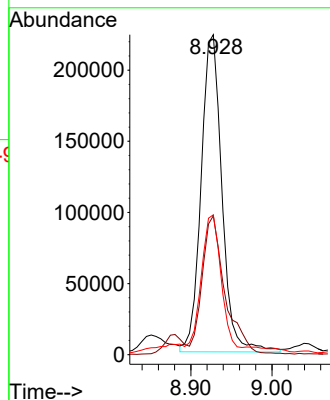
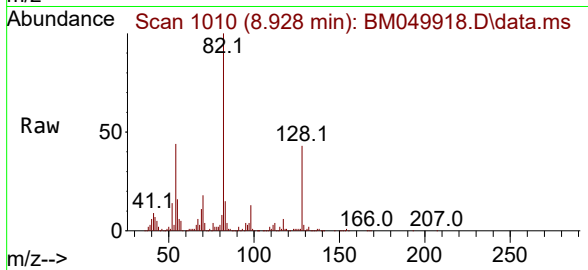




#23
Nitrobenzene-d5
Concen: 16.849 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM049918.D
Acq: 14 Apr 2025 17:48

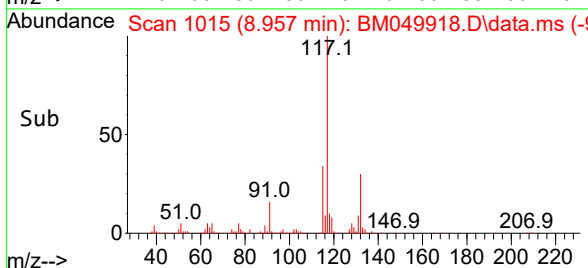
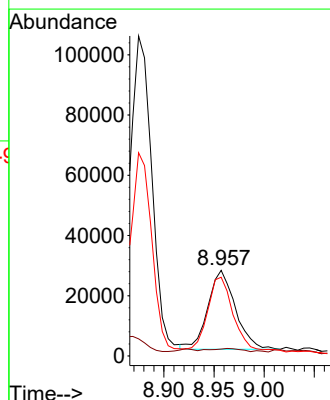
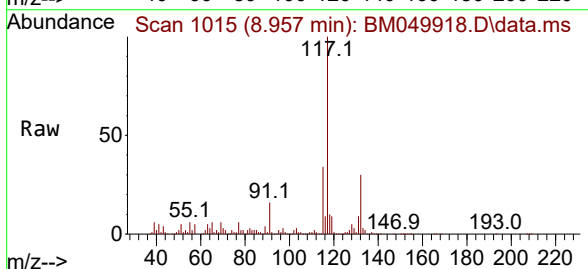
Instrument :
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ClientSampleId :
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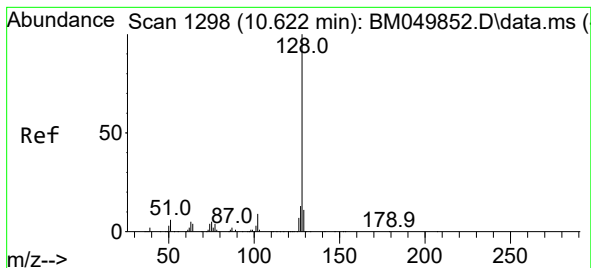
Tgt Ion: 82 Resp: 397550
Ion Ratio Lower Upper
82 100
128 43.4 36.2 54.2
54 43.7 35.0 52.6



#24
Nitrobenzene
Concen: 2.207 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.018 min
Lab File: BM049918.D
Acq: 14 Apr 2025 17:48

Tgt Ion: 77 Resp: 50140
Ion Ratio Lower Upper
77 100
123 8.0 37.4 56.2#
65 92.0 10.1 15.1#





#31

Naphthalene

Concen: 21.856 ng

RT: 10.616 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BM049918.D

Acq: 14 Apr 2025 17:48

Instrument :

BNA_M

ClientSampleId :

TP-15DL

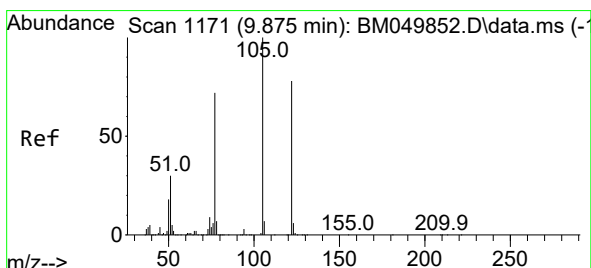
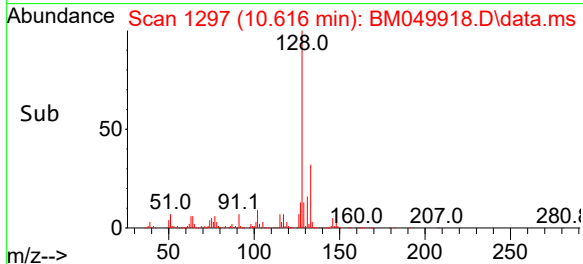
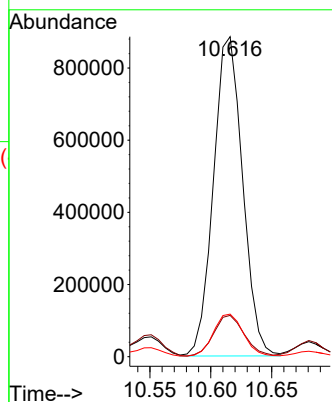
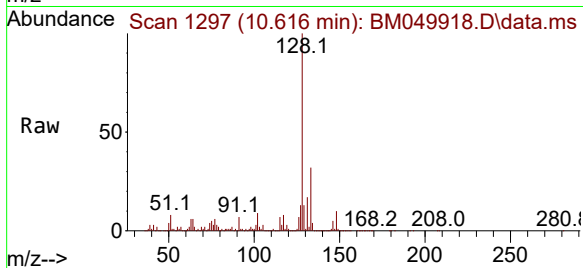
Tgt Ion:128 Resp: 1475583

Ion Ratio Lower Upper

128 100

129 12.9 8.8 13.2

127 13.3 10.6 15.8



#32

Benzoic acid

Concen: 8.552 ng

RT: 9.863 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BM049918.D

Acq: 14 Apr 2025 17:48

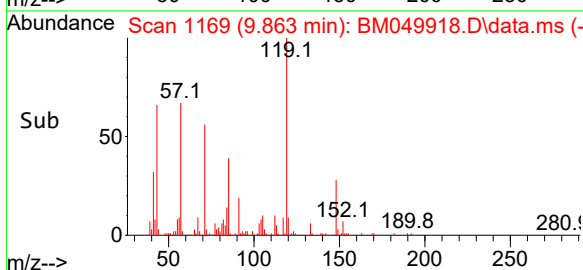
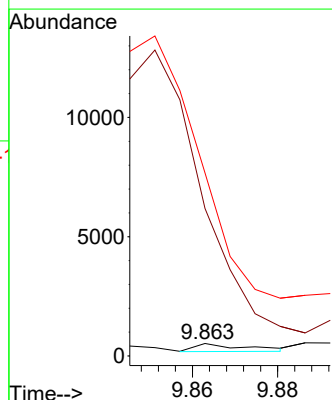
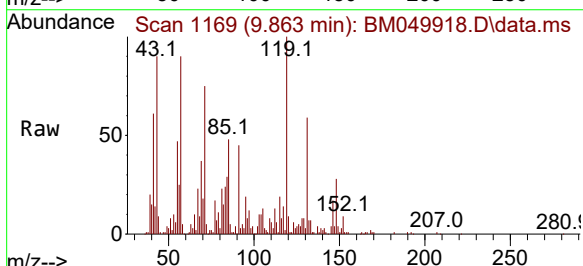
Tgt Ion:122 Resp: 282

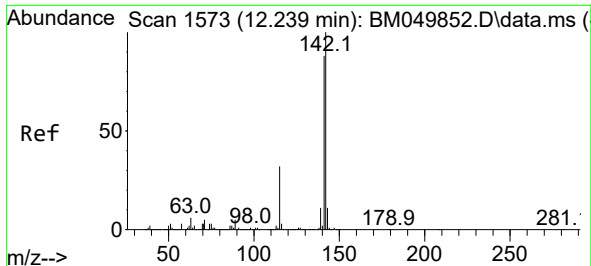
Ion Ratio Lower Upper

122 100

105 1186.9 103.8 143.8#

77 1472.9 70.7 110.7#

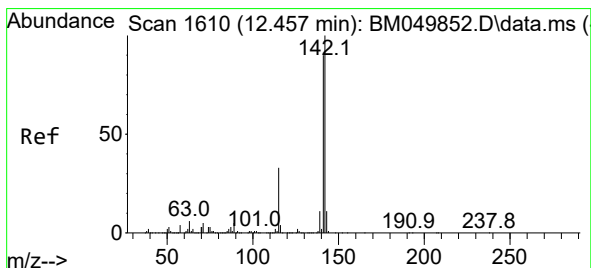
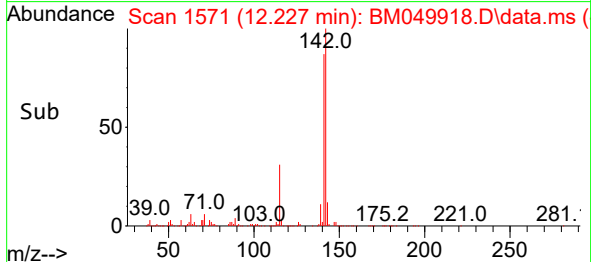
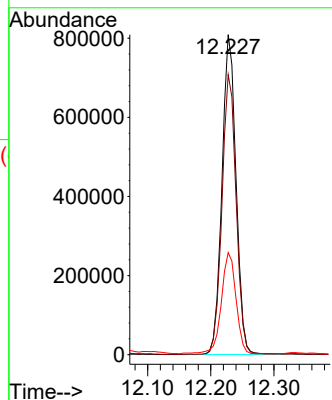
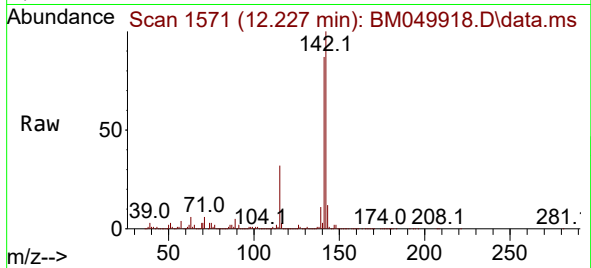




#37
2-Methylnaphthalene
Concen: 26.347 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049918.D
Acq: 14 Apr 2025 17:48

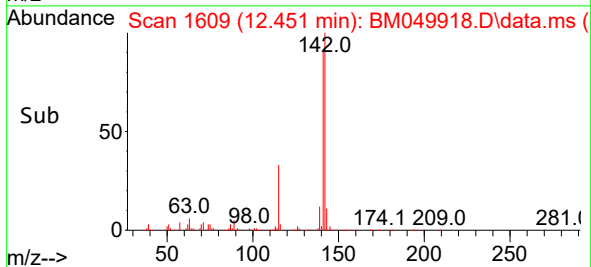
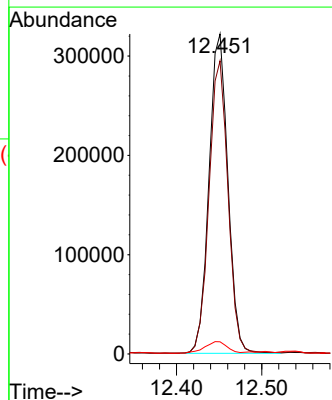
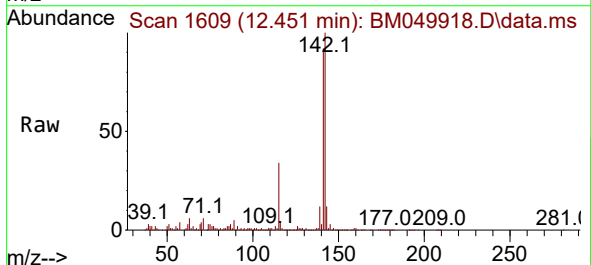
Instrument :
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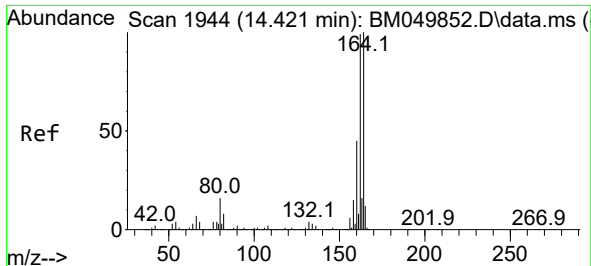
Tgt Ion:142 Resp: 1253263
Ion Ratio Lower Upper
142 100
141 87.5 70.2 105.2
115 31.9 25.4 38.2



#38
1-Methylnaphthalene
Concen: 10.682 ng
RT: 12.451 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM049918.D
Acq: 14 Apr 2025 17:48

Tgt Ion:142 Resp: 495029
Ion Ratio Lower Upper
142 100
141 91.6 72.2 108.2
116 3.8 2.9 4.3

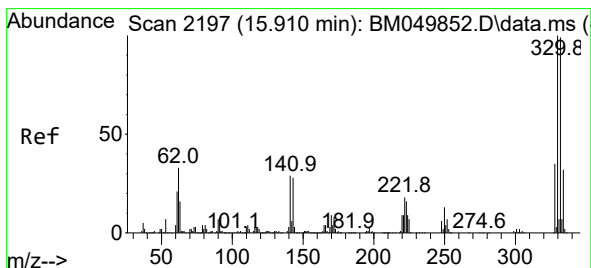
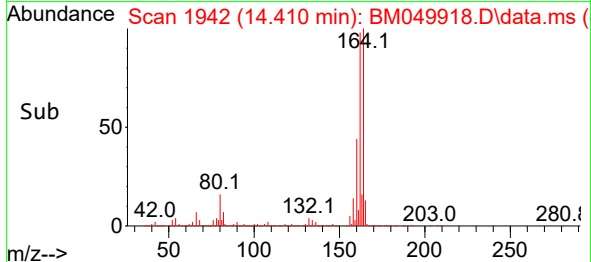
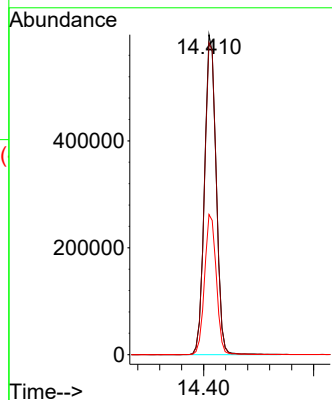
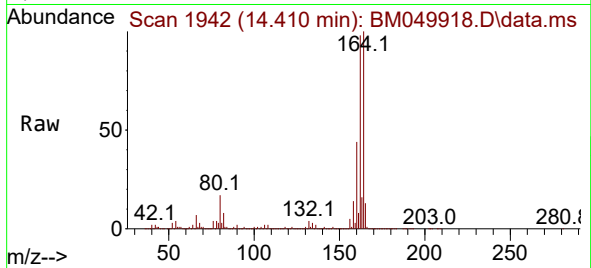




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM049918.D
Acq: 14 Apr 2025 17:48

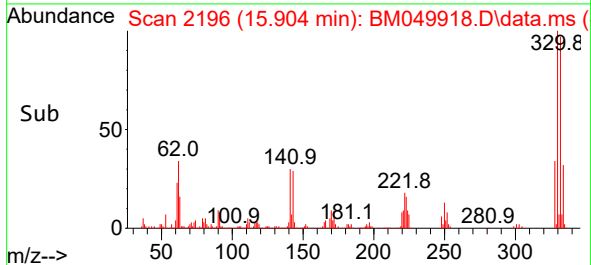
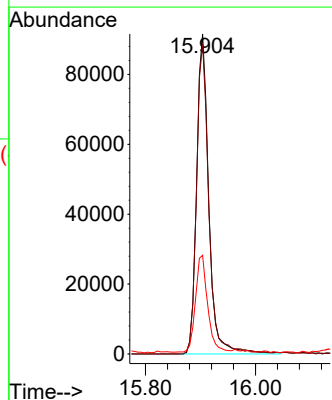
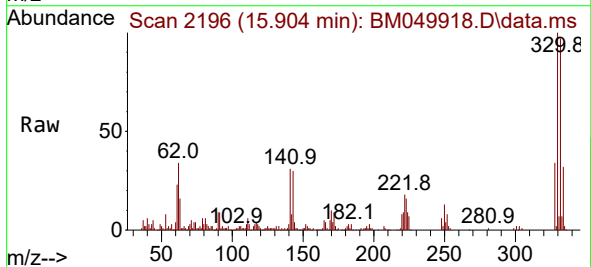
Instrument :
BNA_M
ClientSampleId :
TP-15DL

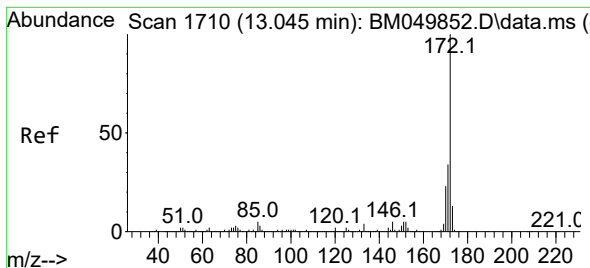
Tgt Ion:164 Resp: 877744
Ion Ratio Lower Upper
164 100
162 97.5 79.4 119.0
160 43.8 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 11.062 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049918.D
Acq: 14 Apr 2025 17:48

Tgt Ion:330 Resp: 141229
Ion Ratio Lower Upper
330 100
332 97.9 78.0 117.0
141 30.1 23.5 35.3

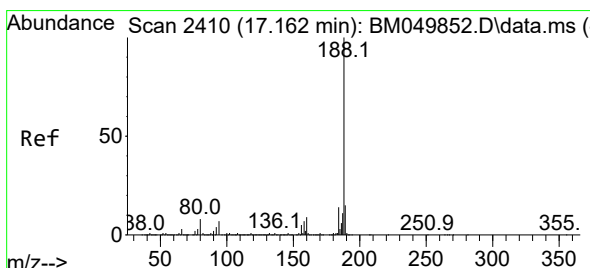
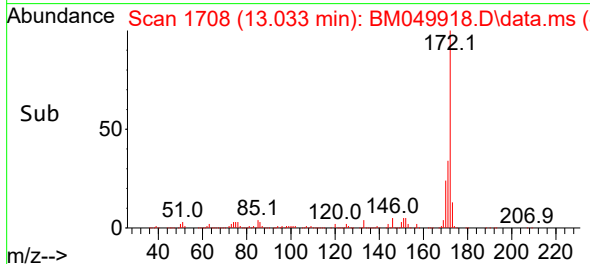
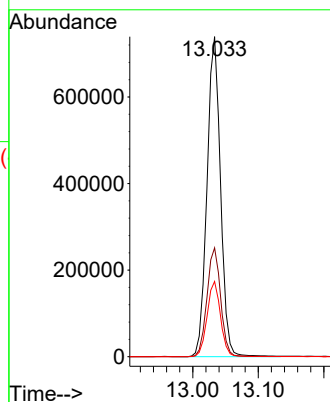
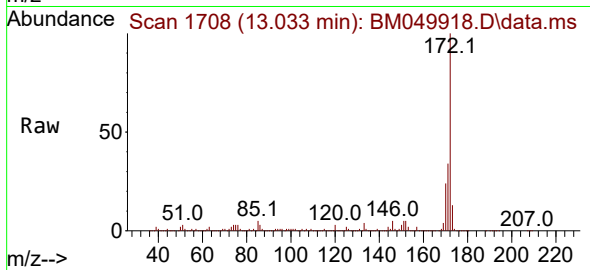




#45
2-Fluorobiphenyl
Concen: 16.396 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049918.D
Acq: 14 Apr 2025 17:48

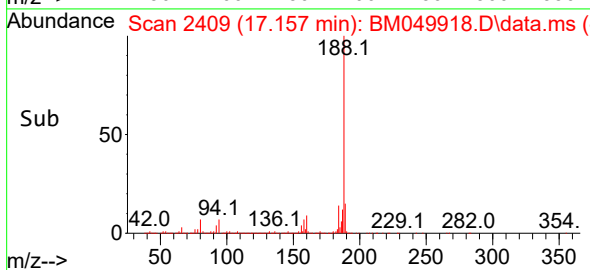
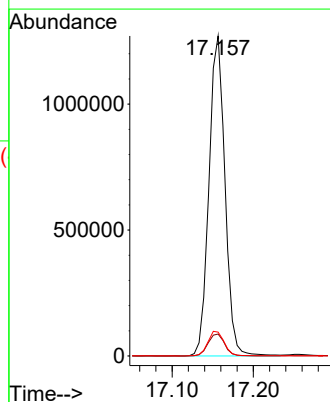
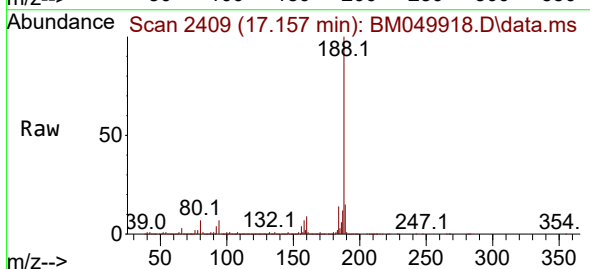
Instrument :
BNA_M
ClientSampleId :
TP-15DL

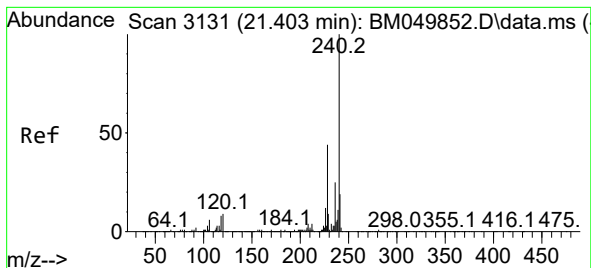
Tgt Ion:172 Resp: 1061320
Ion Ratio Lower Upper
172 100
171 34.0 27.4 41.2
170 23.5 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM049918.D
Acq: 14 Apr 2025 17:48

Tgt Ion:188 Resp: 1740077
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.6
80 7.5 6.4 9.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM049918.D

Acq: 14 Apr 2025 17:48

Instrument :

BNA_M

ClientSampleId :

TP-15DL

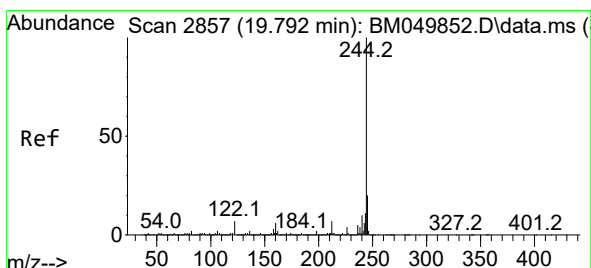
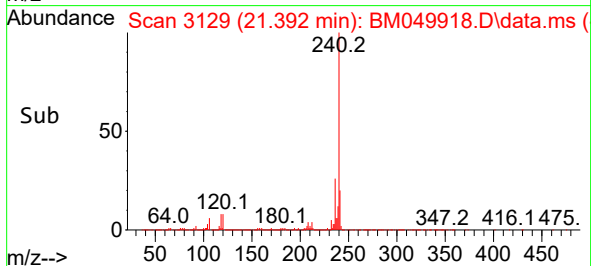
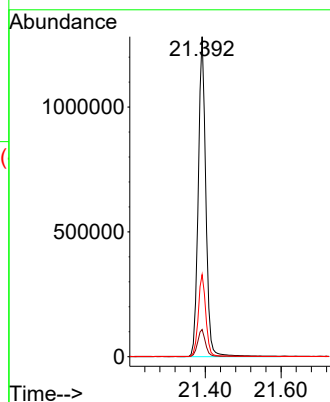
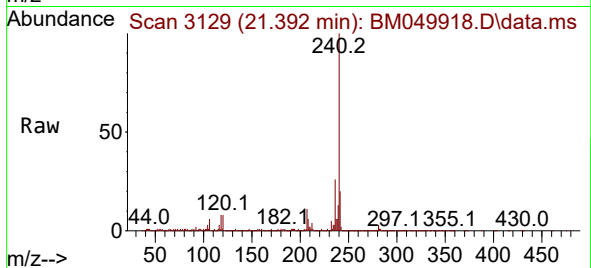
Tgt Ion:240 Resp: 1790517

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

236 25.7 20.4 30.6



#79

Terphenyl-d14

Concen: 17.231 ng

RT: 19.780 min Scan# 2855

Delta R.T. -0.012 min

Lab File: BM049918.D

Acq: 14 Apr 2025 17:48

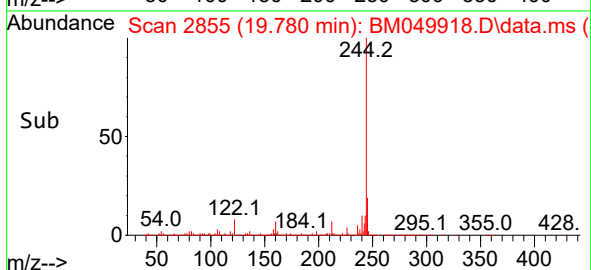
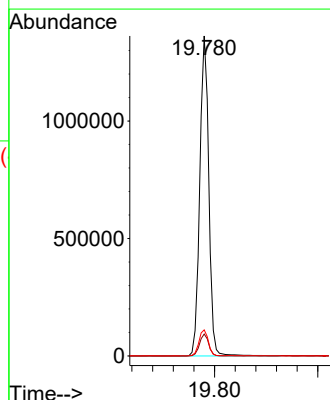
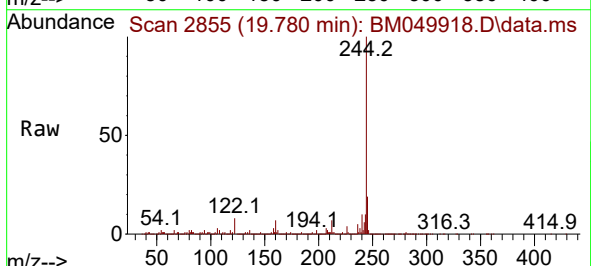
Tgt Ion:244 Resp: 1646261

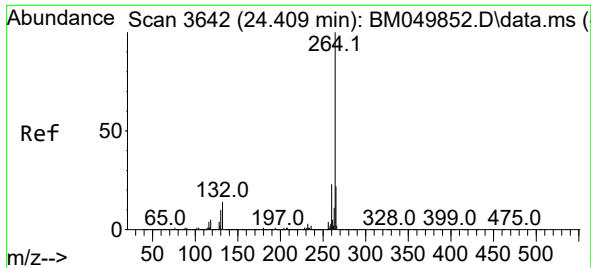
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 8.2 5.4 8.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.386 min Scan# 30
Delta R.T. -0.023 min
Lab File: BM049918.D
Acq: 14 Apr 2025 17:48

Instrument :
BNA_M
ClientSampleId :
TP-15DL

Tgt Ion:264 Resp: 1938740
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.0 17.8 26.8

