

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
 Data File : BM049904.D
 Acq On : 11 Apr 2025 16:55
 Operator : RC/JU
 Sample : Q1760-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-15

Quant Time: Apr 11 17:40:25 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)

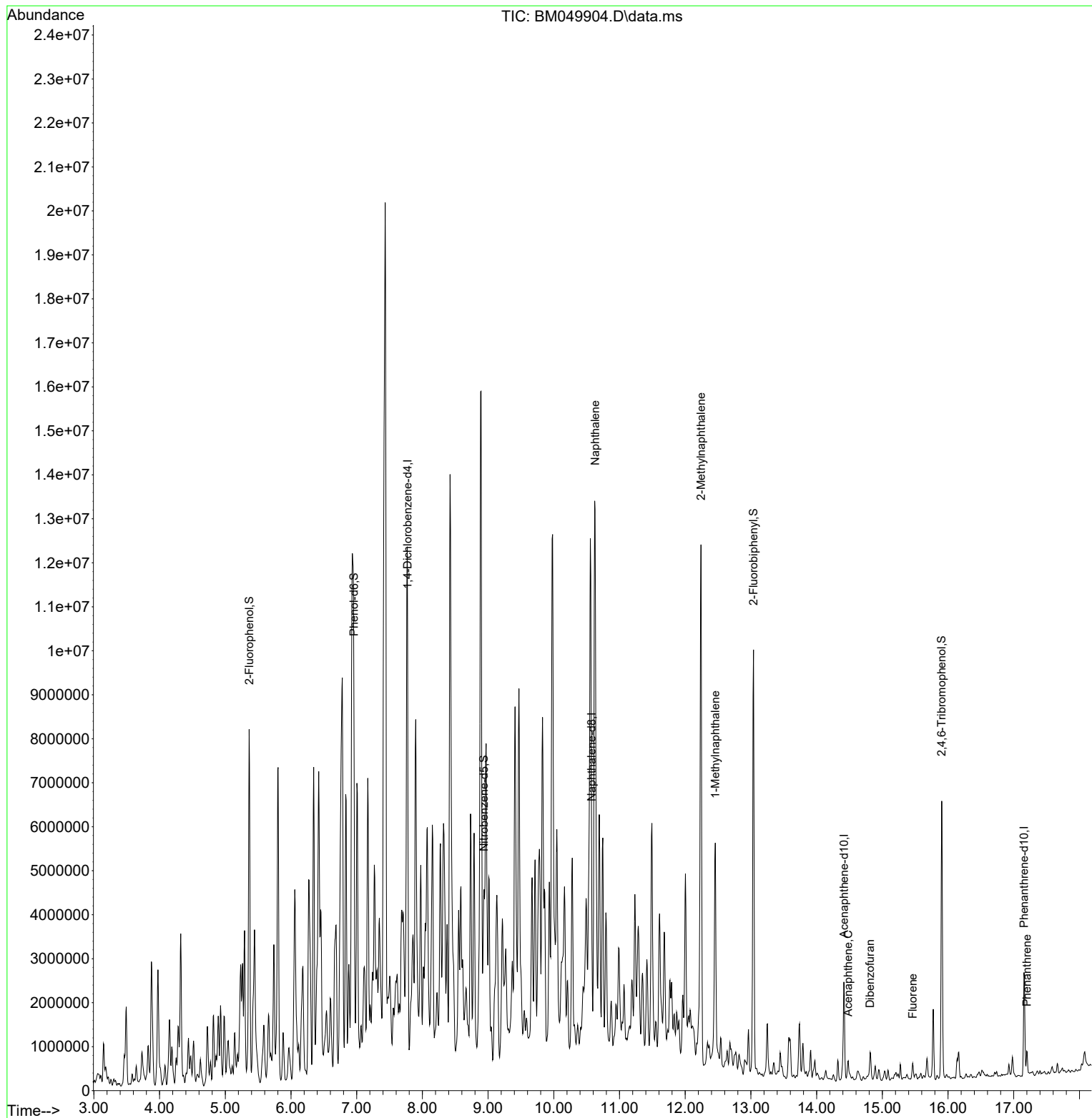
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	332371	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1124671	20.000	ng	# 0.00
39) Acenaphthene-d10	14.416	164	772812	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1443699	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1321801	20.000	ng	0.00
86) Perylene-d12	24.391	264	1443556	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2233635	114.116	ng	0.00
7) Phenol-d6	6.957	99	2992848	122.895	ng	0.00
23) Nitrobenzene-d5	8.934	82	1912978	94.716	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1278611	113.747	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	5125402	89.933	ng	0.00
79) Terphenyl-d14	19.786	244	7549110	107.031	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.628	128	6550666	113.353	ng	# 97
37) 2-Methylnaphthalene	12.239	142	5768495	141.674	ng	99
38) 1-Methylnaphthalene	12.457	142	2331833	58.784	ng	100
52) Acenaphthene	14.480	154	143767	3.436	ng	98
55) Dibenzofuran	14.815	168	189789	2.714	ng	# 89
58) Fluorene	15.463	166	127615	2.296	ng	# 96
71) Phenanthrene	17.198	178	346983	4.384	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	141968	2.847	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049904.D
Acq On : 11 Apr 2025 16:55
Operator : RC/JU
Sample : Q1760-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-15

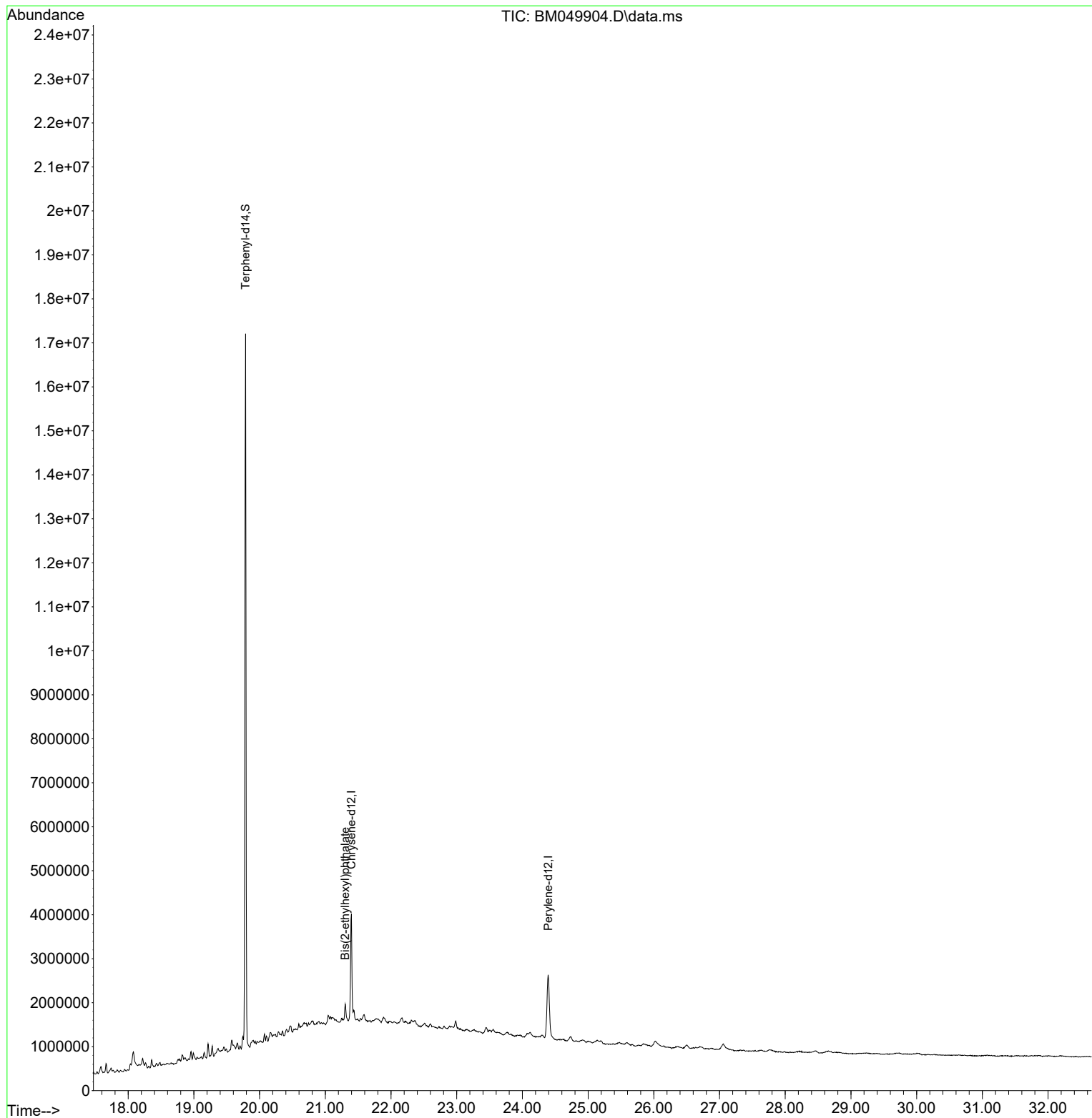
Quant Time: Apr 11 17:40:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

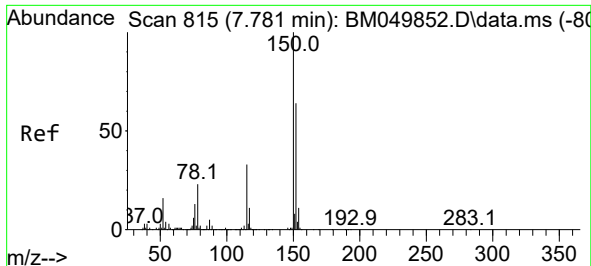


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049904.D
Acq On : 11 Apr 2025 16:55
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Misc :
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Quant Time: Apr 11 17:40:25 2025
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Response via : Initial Calibration

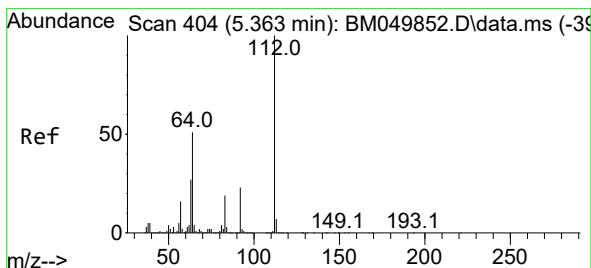
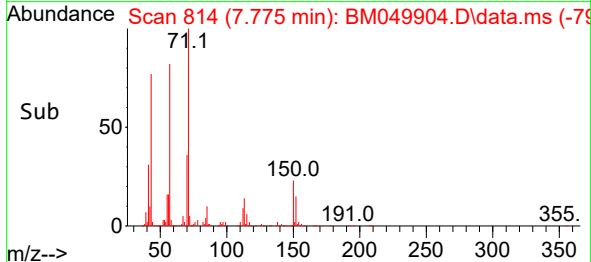
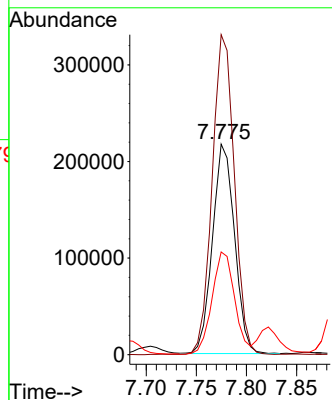
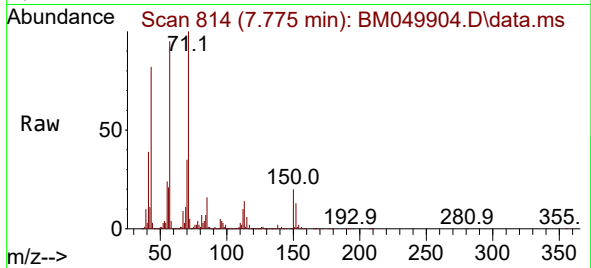




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM049904.D
Acq: 11 Apr 2025 16:55

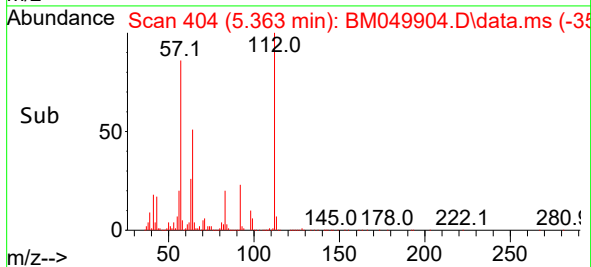
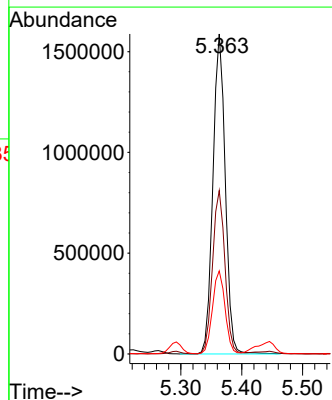
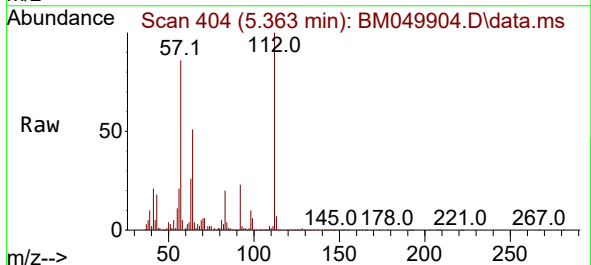
Instrument :
BNA_M
ClientSampleId :
TP-15

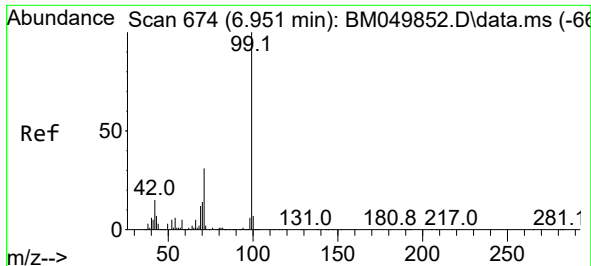
Tgt Ion:152 Resp: 332371
Ion Ratio Lower Upper
152 100
150 151.9 124.3 186.5
115 48.8 41.1 61.7



#5
2-Fluorophenol
Concen: 114.116 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BM049904.D
Acq: 11 Apr 2025 16:55

Tgt Ion:112 Resp: 2233635
Ion Ratio Lower Upper
112 100
64 51.1 41.0 61.6
63 25.9 21.5 32.3

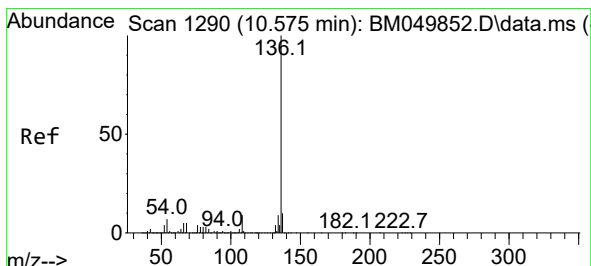
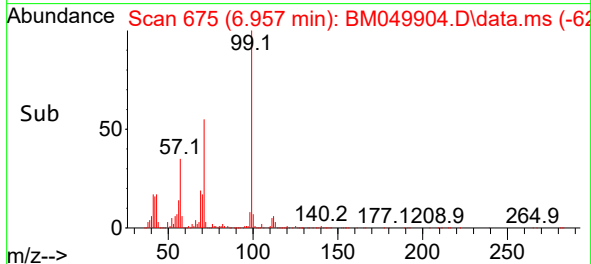
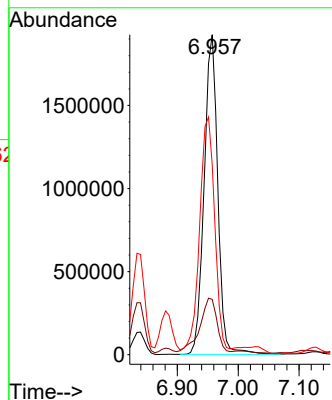
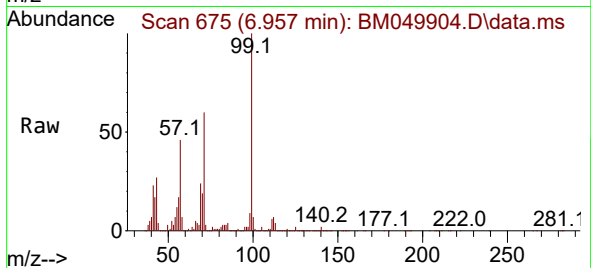




#7
Phenol-d6
Concen: 122.895 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM049904.D
Acq: 11 Apr 2025 16:55

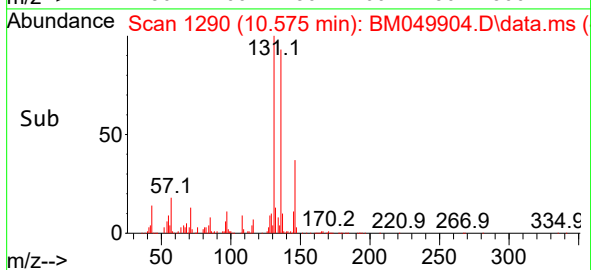
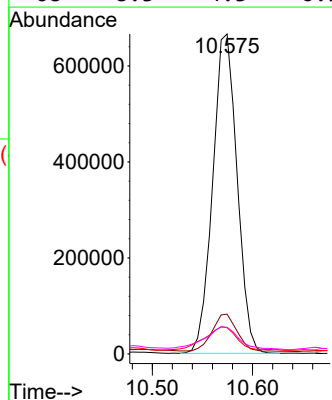
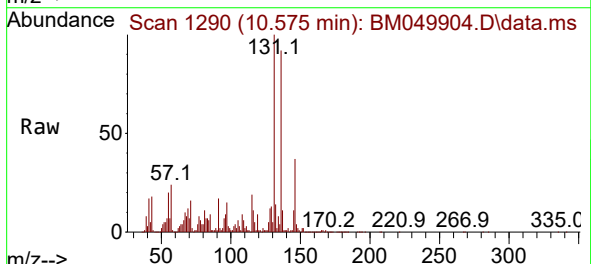
Instrument :
BNA_M
ClientSampleId :
TP-15

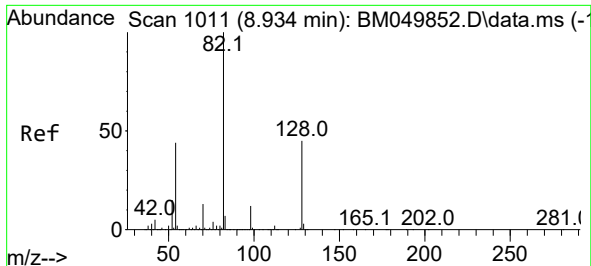
Tgt Ion: 99 Resp: 2992848
Ion Ratio Lower Upper
99 100
42 17.3 12.1 18.1
71 59.6 24.9 37.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BM049904.D
Acq: 11 Apr 2025 16:55

Tgt Ion: 136 Resp: 1124671
Ion Ratio Lower Upper
136 100
137 12.5 8.4 12.6
54 8.2 5.3 7.9#
68 8.3 4.3 6.5#





#23

Nitrobenzene-d5

Concen: 94.716 ng

RT: 8.934 min Scan# 1011

Delta R.T. -0.000 min

Lab File: BM049904.D

Acq: 11 Apr 2025 16:55

Instrument :

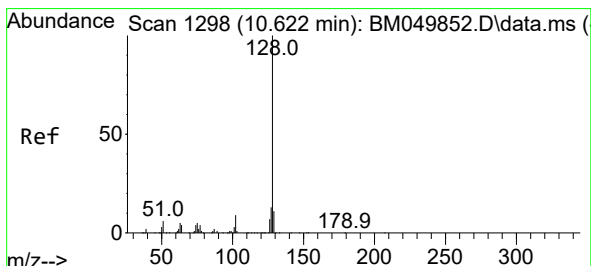
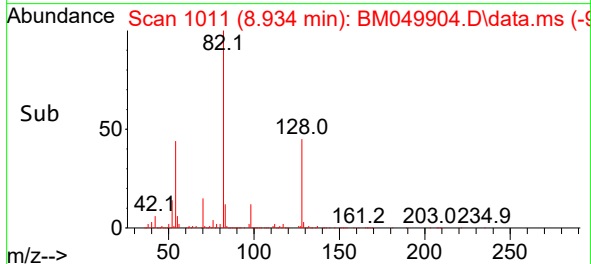
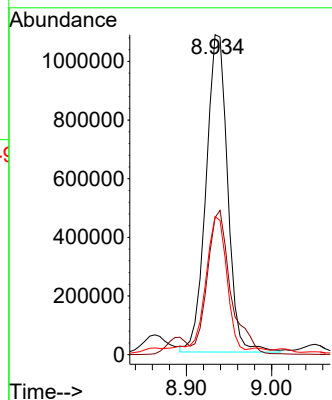
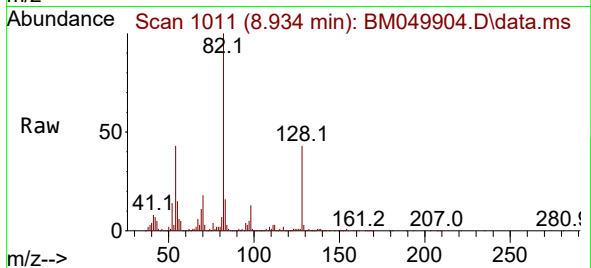
BNA_M

ClientSampleId :

TP-15

Tgt Ion: 82 Resp: 1912978

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.2	54.2
54	43.1	35.0	52.6



#31

Naphthalene

Concen: 113.353 ng

RT: 10.628 min Scan# 1299

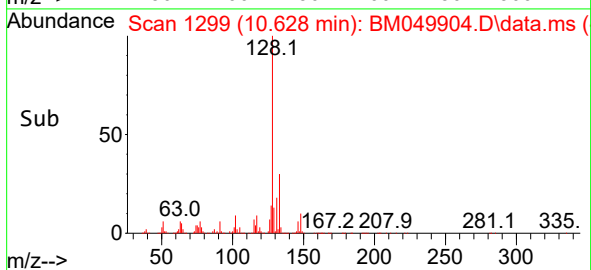
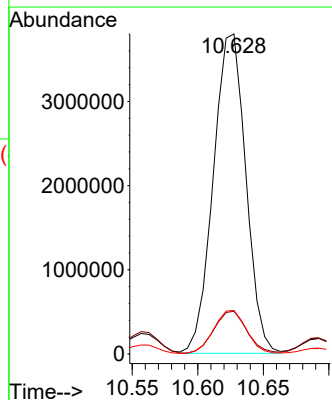
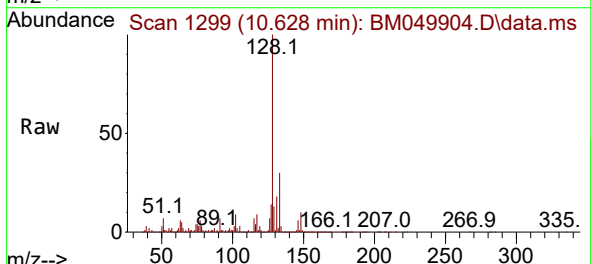
Delta R.T. 0.006 min

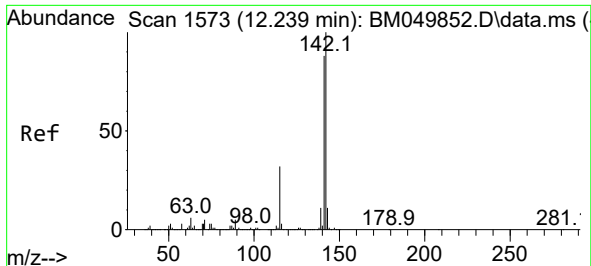
Lab File: BM049904.D

Acq: 11 Apr 2025 16:55

Tgt Ion: 128 Resp: 6550666

Ion	Ratio	Lower	Upper
128	100		
129	13.4	8.8	13.2#
127	13.6	10.6	15.8

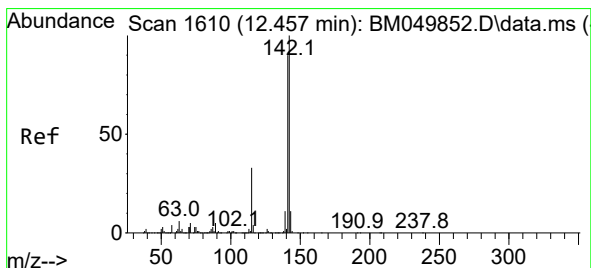
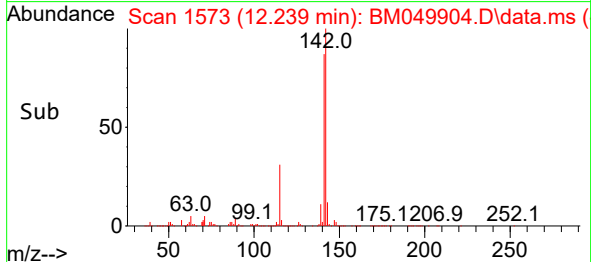
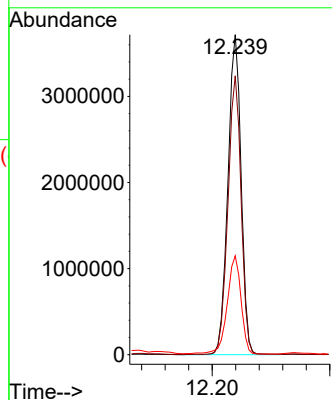
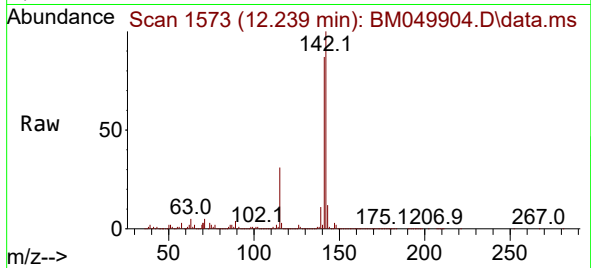




#37
2-Methylnaphthalene
Concen: 141.674 ng
RT: 12.239 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM049904.D
Acq: 11 Apr 2025 16:55

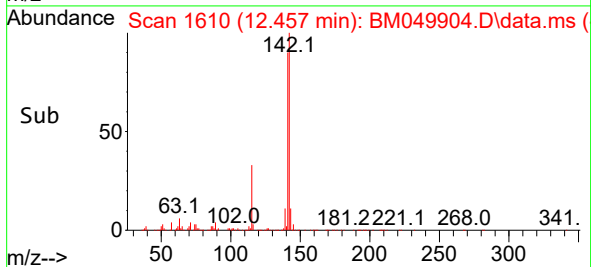
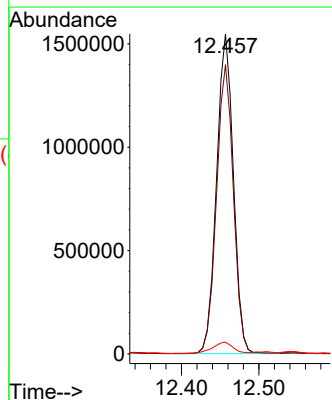
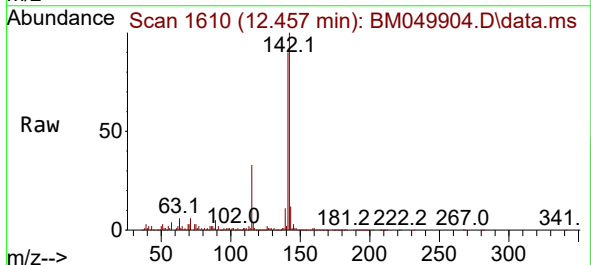
Instrument :
BNA_M
ClientSampleId :
TP-15

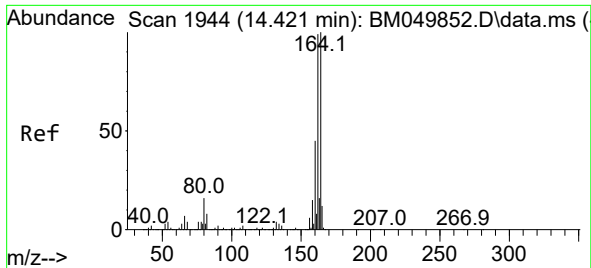
Tgt Ion:142 Resp: 5768495
Ion Ratio Lower Upper
142 100
141 87.2 70.2 105.2
115 30.9 25.4 38.2



#38
1-Methylnaphthalene
Concen: 58.784 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BM049904.D
Acq: 11 Apr 2025 16:55

Tgt Ion:142 Resp: 2331833
Ion Ratio Lower Upper
142 100
141 90.4 72.2 108.2
116 3.7 2.9 4.3

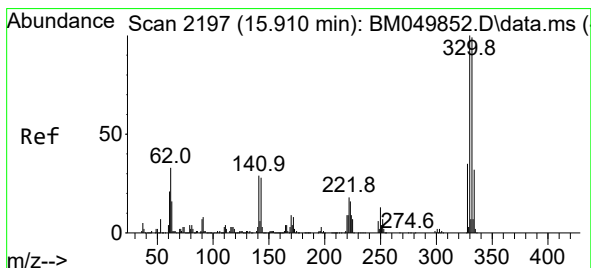
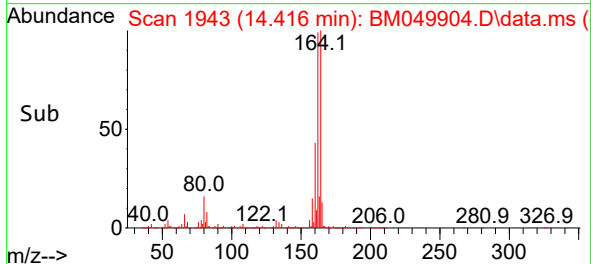
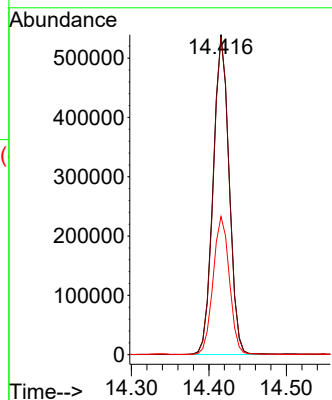
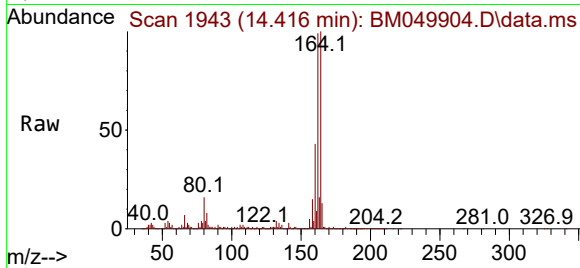




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049904.D
Acq: 11 Apr 2025 16:55

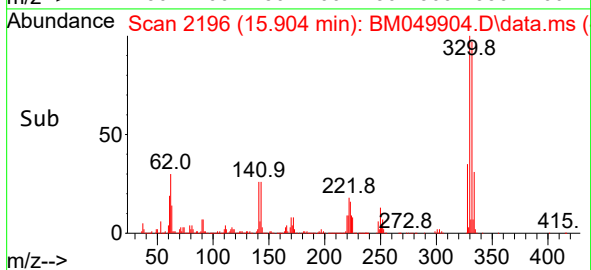
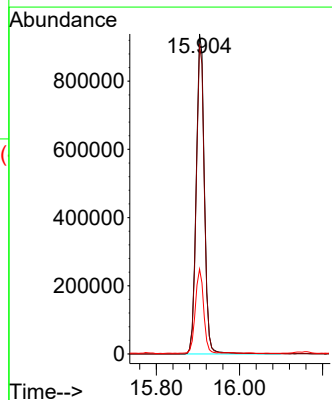
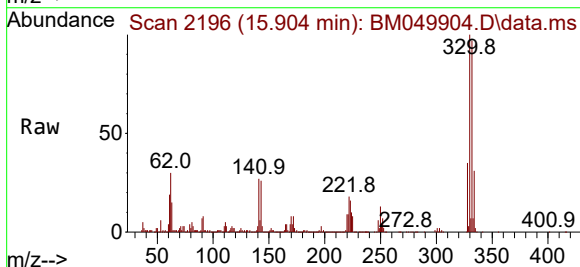
Instrument :
BNA_M
ClientSampleId :
TP-15

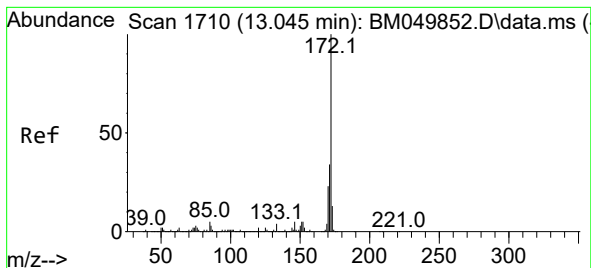
Tgt Ion:164 Resp: 772812
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 43.2 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 113.747 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049904.D
Acq: 11 Apr 2025 16:55

Tgt Ion:330 Resp: 1278611
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 26.7 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 89.933 ng

RT: 13.039 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049904.D

Acq: 11 Apr 2025 16:55

Instrument :

BNA_M

ClientSampleId :

TP-15

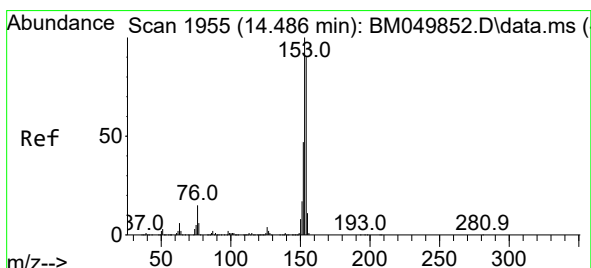
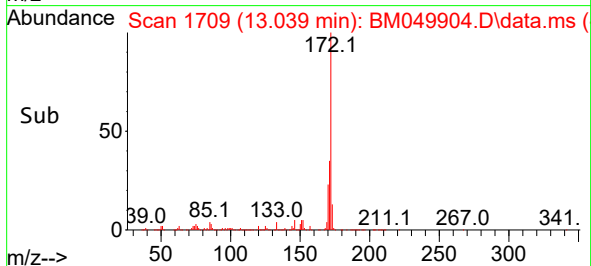
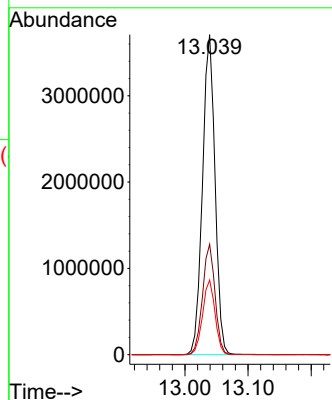
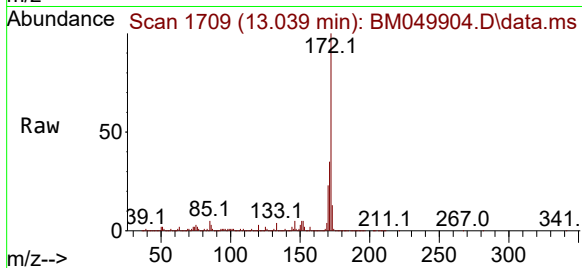
Tgt Ion:172 Resp: 5125402

Ion Ratio Lower Upper

172 100

171 34.5 27.4 41.2

170 23.3 18.6 28.0



#52

Acenaphthene

Concen: 3.436 ng

RT: 14.480 min Scan# 1954

Delta R.T. -0.006 min

Lab File: BM049904.D

Acq: 11 Apr 2025 16:55

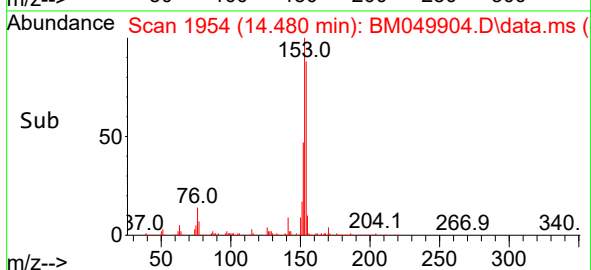
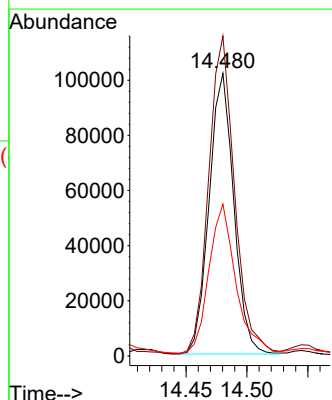
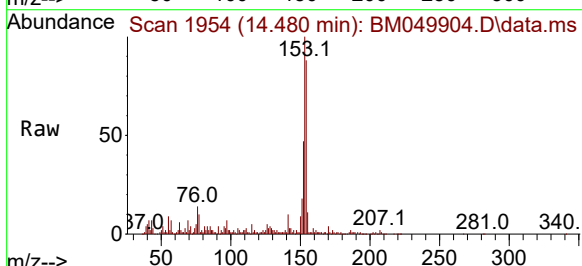
Tgt Ion:154 Resp: 143767

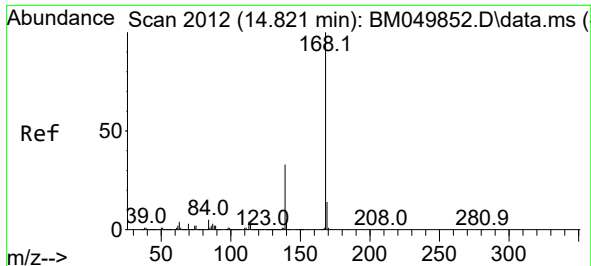
Ion Ratio Lower Upper

154 100

153 113.2 89.3 133.9

152 53.7 42.2 63.2

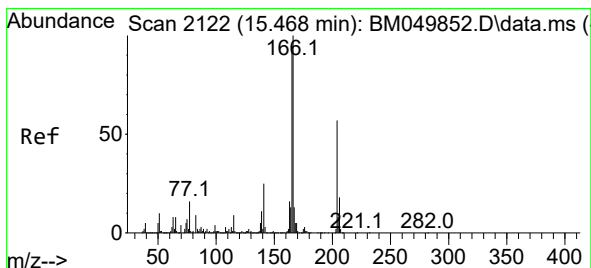
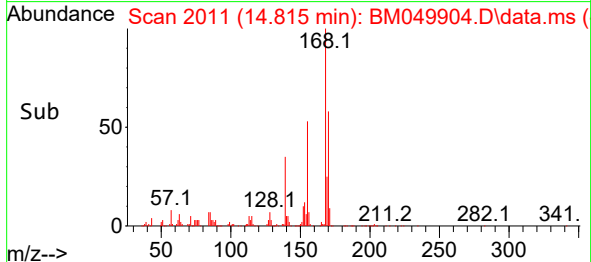
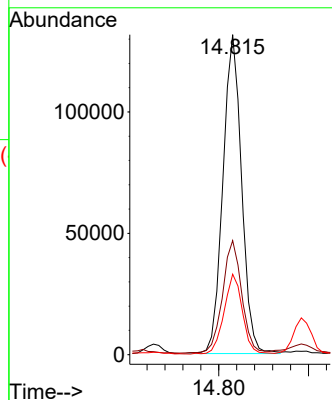
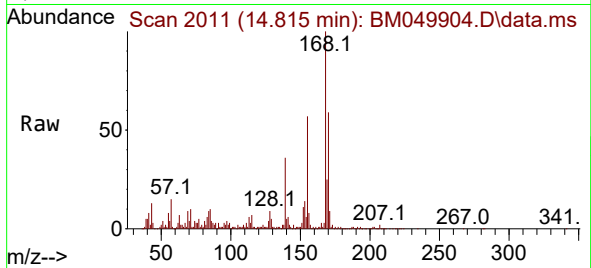




#55
 Dibenzenofuran
 Concen: 2.714 ng
 RT: 14.815 min Scan# 2011
 Delta R.T. -0.006 min
 Lab File: BM049904.D
 Acq: 11 Apr 2025 16:55

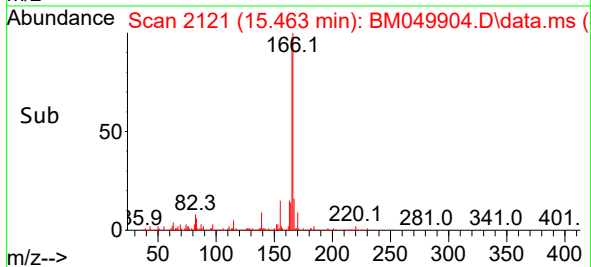
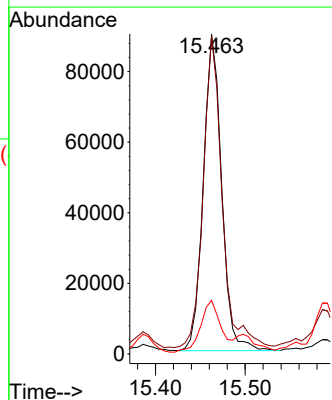
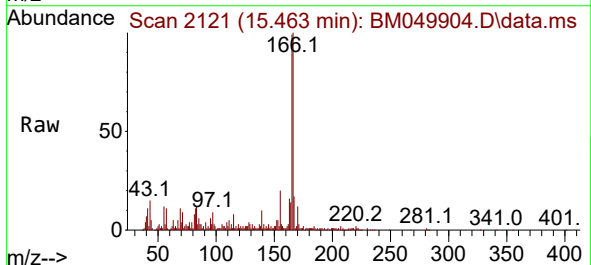
Instrument :
 BNA_M
 ClientSampleId :
 TP-15

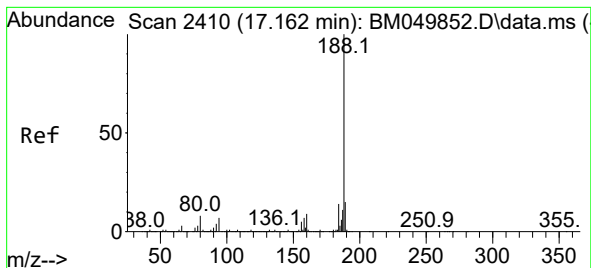
Tgt Ion:168 Resp: 189789
 Ion Ratio Lower Upper
 168 100
 139 35.6 26.6 39.8
 169 25.2 11.0 16.4#



#58
 Fluorene
 Concen: 2.296 ng
 RT: 15.463 min Scan# 2121
 Delta R.T. -0.006 min
 Lab File: BM049904.D
 Acq: 11 Apr 2025 16:55

Tgt Ion:166 Resp: 127615
 Ion Ratio Lower Upper
 166 100
 165 99.2 76.3 114.5
 167 16.8 10.7 16.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM049904.D

Acq: 11 Apr 2025 16:55

Instrument :

BNA_M

ClientSampleId :

TP-15

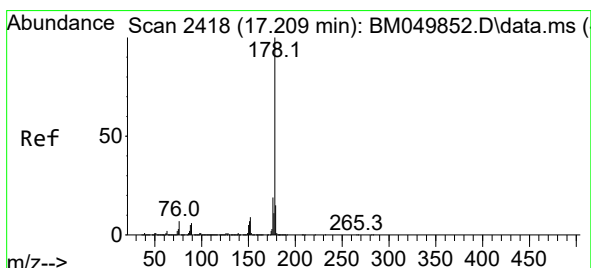
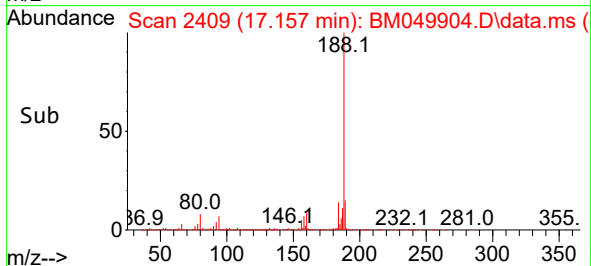
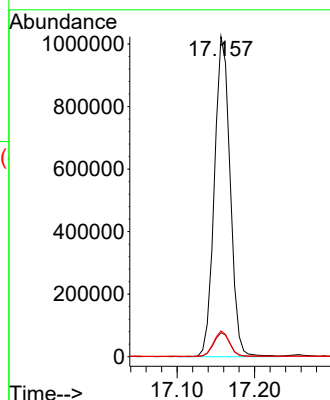
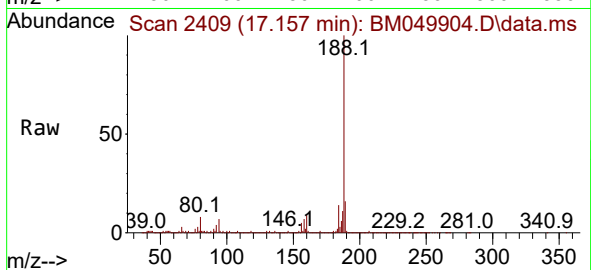
Tgt Ion:188 Resp: 1443699

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

80 8.1 6.4 9.6



#71

Phenanthrene

Concen: 4.384 ng

RT: 17.198 min Scan# 2416

Delta R.T. -0.012 min

Lab File: BM049904.D

Acq: 11 Apr 2025 16:55

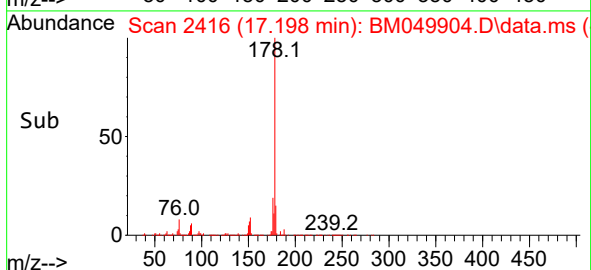
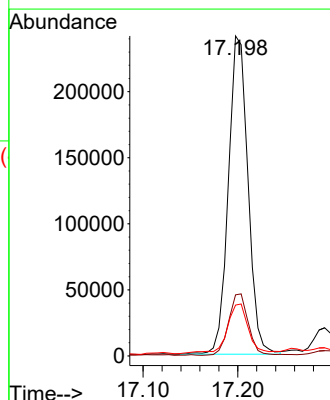
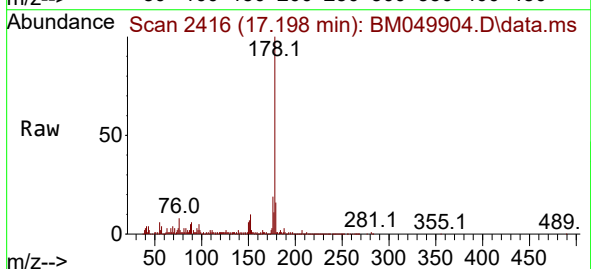
Tgt Ion:178 Resp: 346983

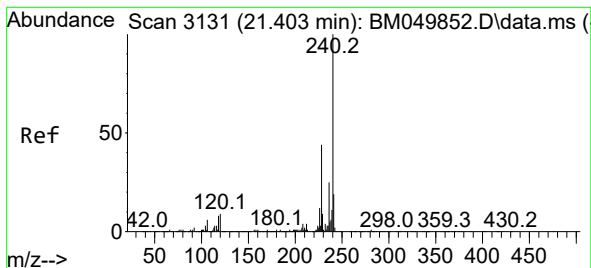
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.9 12.3 18.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049904.D

Acq: 11 Apr 2025 16:55

Instrument :

BNA_M

ClientSampleId :

TP-15

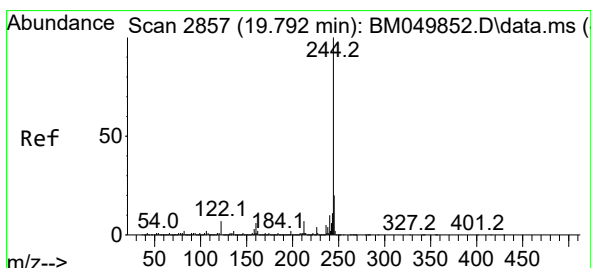
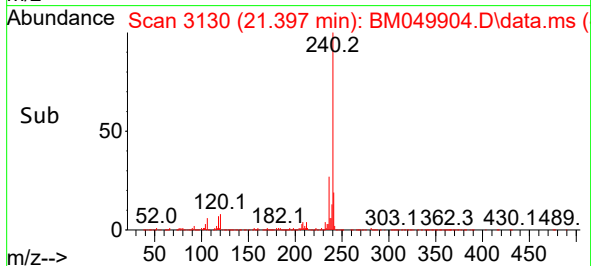
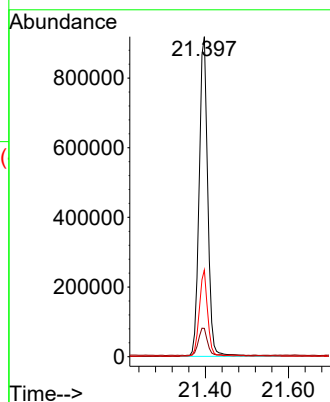
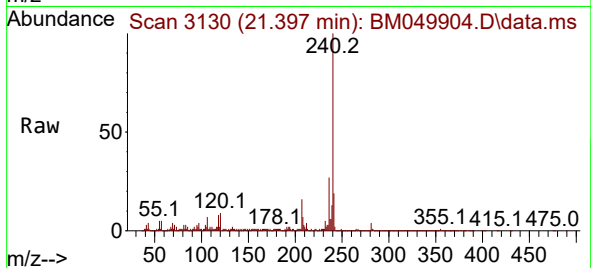
Tgt Ion:240 Resp: 1321801

Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

236 27.1 20.4 30.6



#79

Terphenyl-d14

Concen: 107.031 ng

RT: 19.786 min Scan# 2856

Delta R.T. -0.006 min

Lab File: BM049904.D

Acq: 11 Apr 2025 16:55

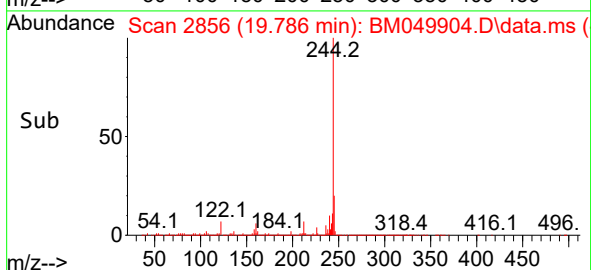
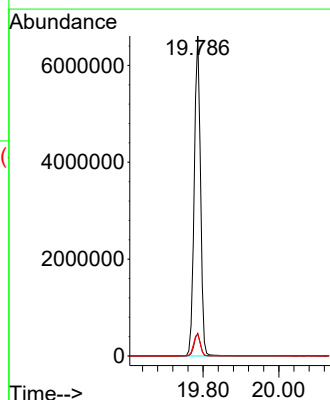
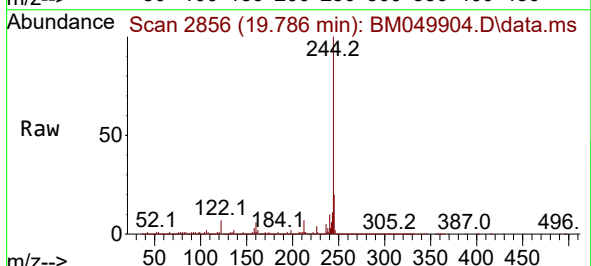
Tgt Ion:244 Resp: 7549110

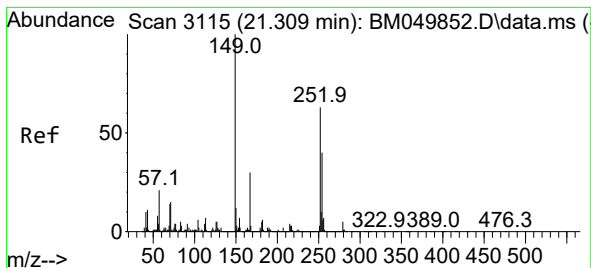
Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 6.8 5.4 8.0

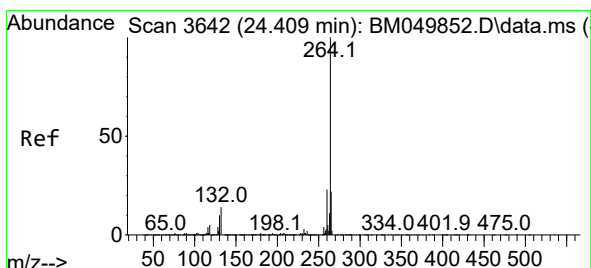
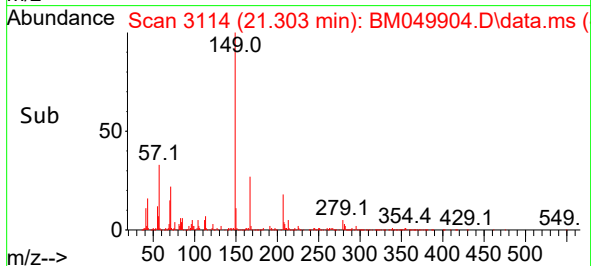
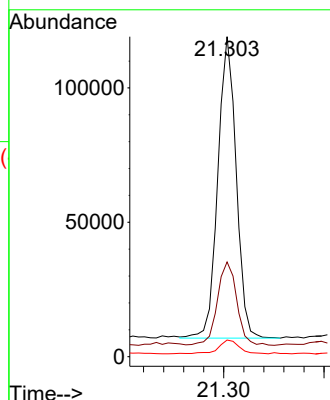
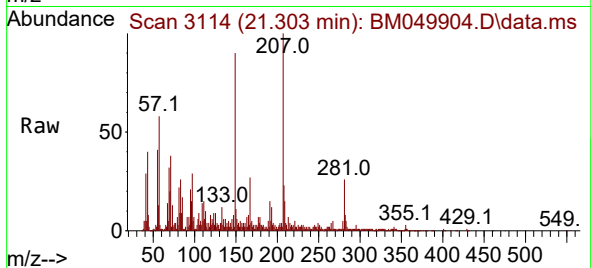




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.847 ng
RT: 21.303 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM049904.D
Acq: 11 Apr 2025 16:55

Instrument :
BNA_M
ClientSampleId :
TP-15

Tgt Ion:149 Resp: 141968
Ion Ratio Lower Upper
149 100
167 29.6 23.8 35.6
279 5.2 3.8 5.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.391 min Scan# 3639
Delta R.T. -0.018 min
Lab File: BM049904.D
Acq: 11 Apr 2025 16:55

Tgt Ion:264 Resp: 1443556
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.4 17.8 26.8

