

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
 Data File : BM050392.D
 Acq On : 10 Jul 2025 16:37
 Operator : RC/JU
 Sample : Q2529-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-89

Quant Time: Jul 10 17:13:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

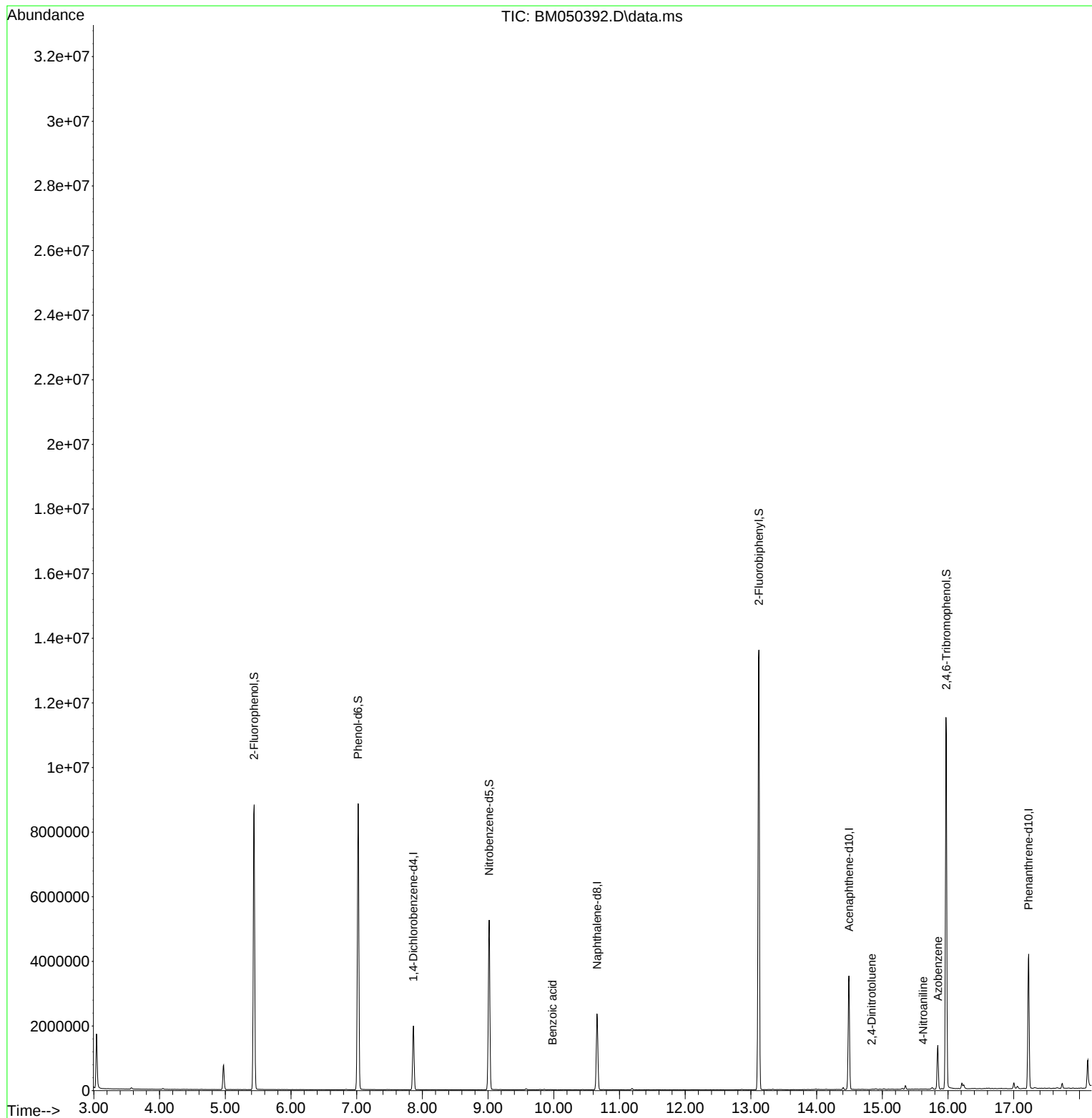
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	534860	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1946890	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1231743	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	2477433	20.000	ng	0.00
76) Chrysene-d12	21.450	240	2462748	20.000	ng	0.00
86) Perylene-d12	24.491	264	2316006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	3882822	124.959	ng	0.00
7) Phenol-d6	7.022	99	4959288	126.608	ng	0.00
23) Nitrobenzene-d5	9.016	82	2911700	76.301	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	2201990	147.135	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	7279925	72.988	ng	0.00
79) Terphenyl-d14	19.839	244	11587106	82.782	ng	0.00
Target Compounds						
32) Benzoic acid	9.980	122	61	5.977	ng	# 1
57) 2,4-Dinitrotoluene	14.839	165	478	2.743	ng	# 50
62) 4-Nitroaniline	15.621	138	77	2.590	ng	# 1
63) Azobenzene	15.845	77	360462	4.846	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050392.D
Acq On : 10 Jul 2025 16:37
Operator : RC/JU
Sample : Q2529-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-89

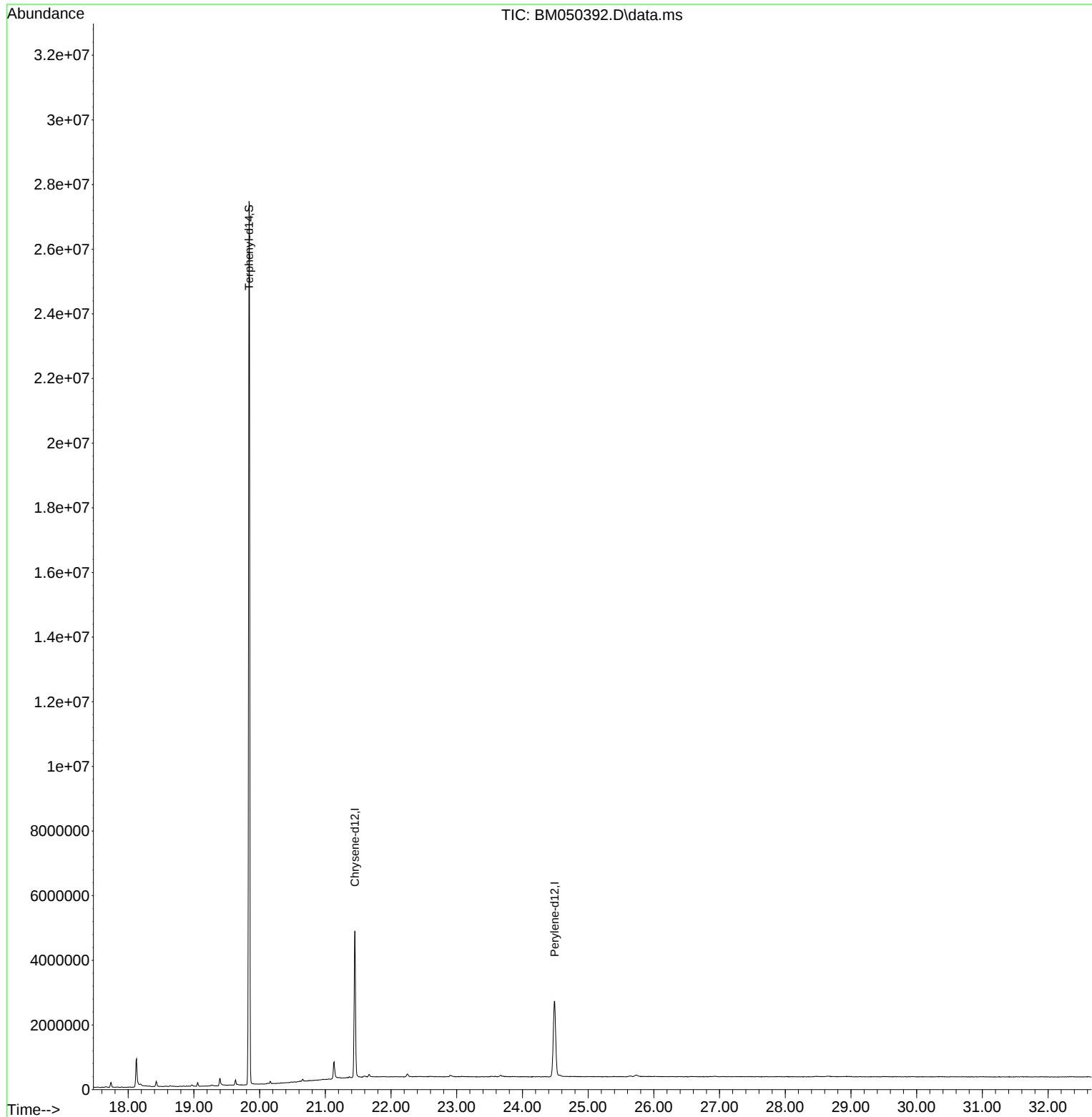
Quant Time: Jul 10 17:13:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

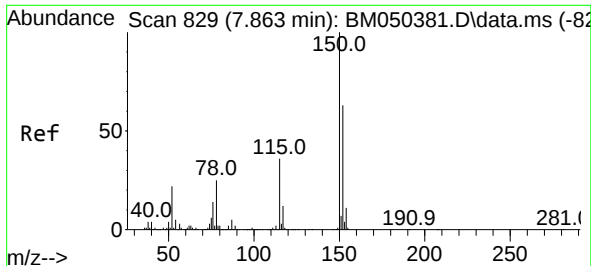


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050392.D
Acq On : 10 Jul 2025 16:37
Operator : RC/JU
Sample : Q2529-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-89

Quant Time: Jul 10 17:13:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

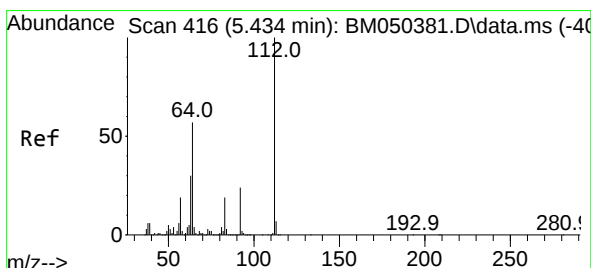
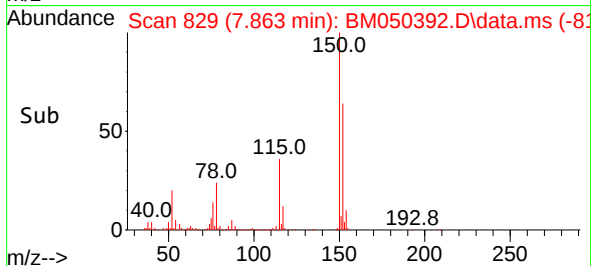
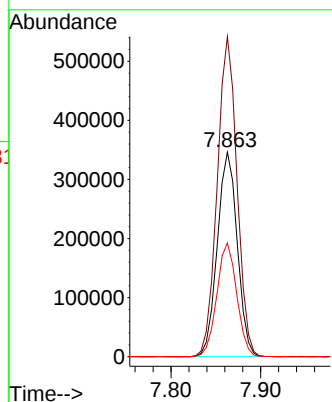
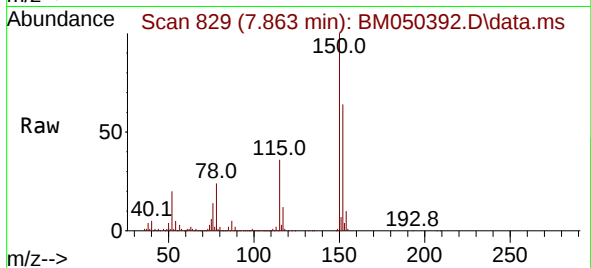




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM050392.D
 Acq: 10 Jul 2025 16:37

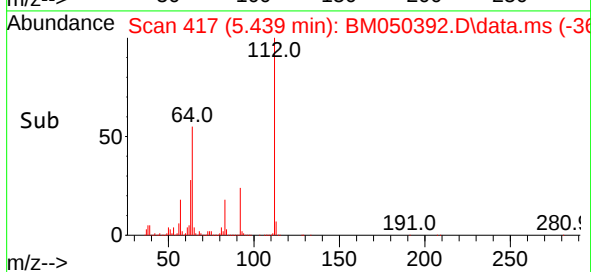
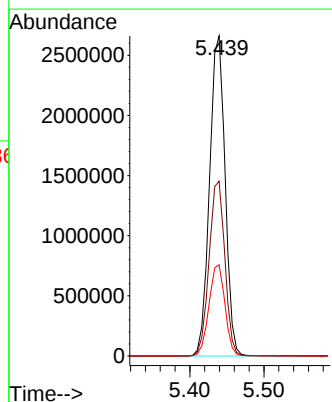
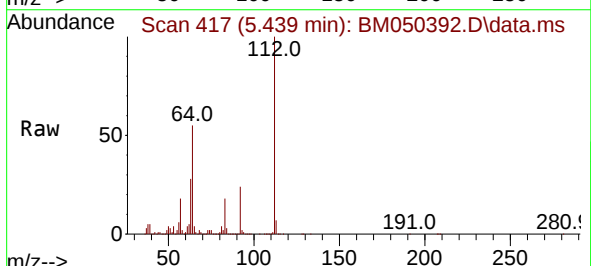
Instrument :
 BNA_M
 ClientSampleId :
 TP-89

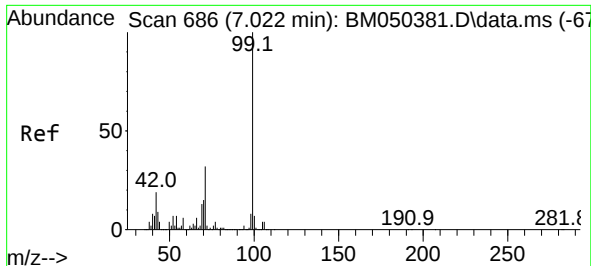
Tgt Ion:152 Resp: 534860
 Ion Ratio Lower Upper
 152 100
 150 156.4 126.2 189.4
 115 55.6 45.8 68.8



#5
 2-Fluorophenol
 Concen: 124.959 ng
 RT: 5.439 min Scan# 417
 Delta R.T. 0.006 min
 Lab File: BM050392.D
 Acq: 10 Jul 2025 16:37

Tgt Ion:112 Resp: 3882822
 Ion Ratio Lower Upper
 112 100
 64 54.6 45.5 68.3
 63 28.5 24.2 36.4



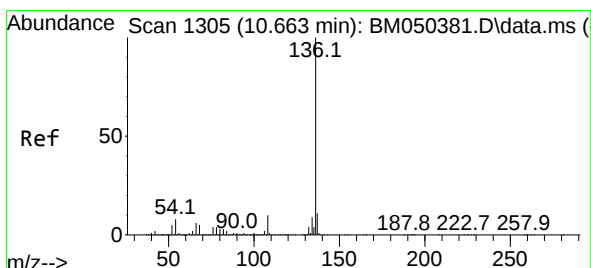
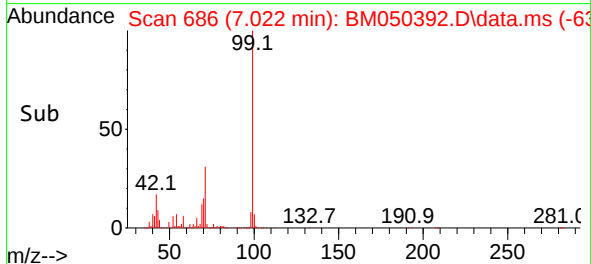
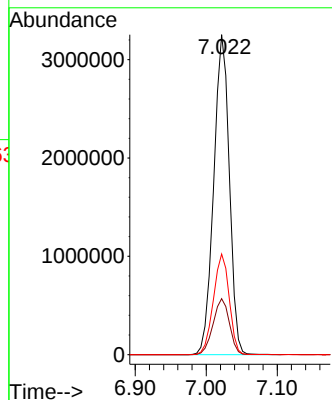
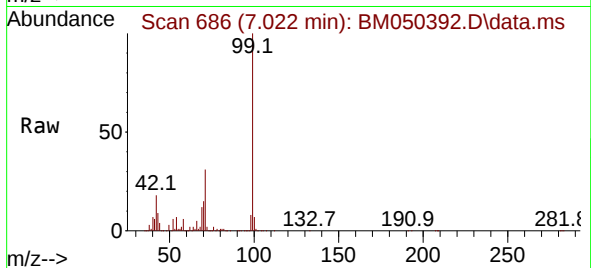


#7
Phenol-d6
Concen: 126.608 ng
RT: 7.022 min Scan# 686
Delta R.T. -0.000 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

Instrument :
BNA_M
ClientSampleId :
TP-89

Tgt Ion: 99 Resp: 4959288

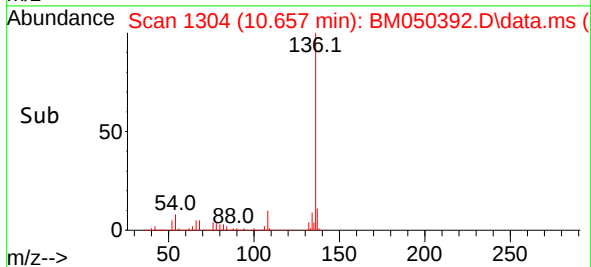
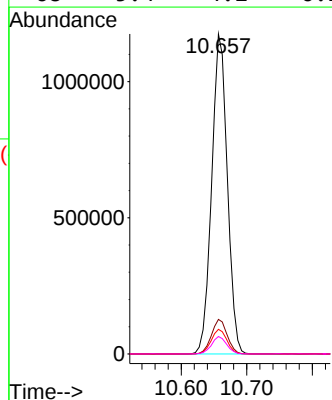
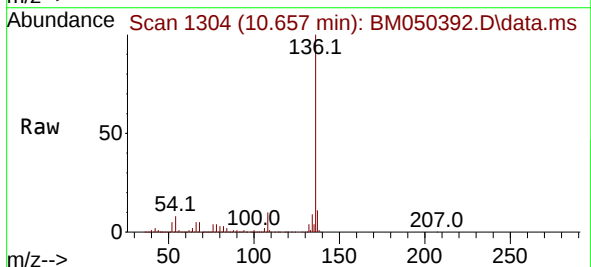
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.6
71	31.4	25.9	38.9

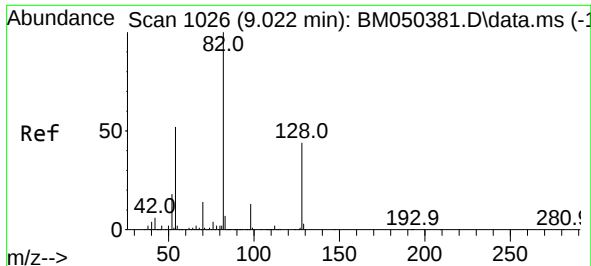


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

Tgt Ion: 136 Resp: 1946890

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.7	6.3	9.5
68	5.4	4.2	6.2

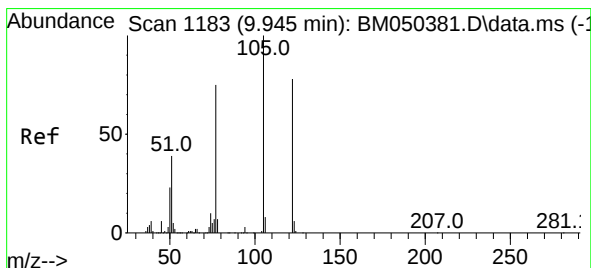
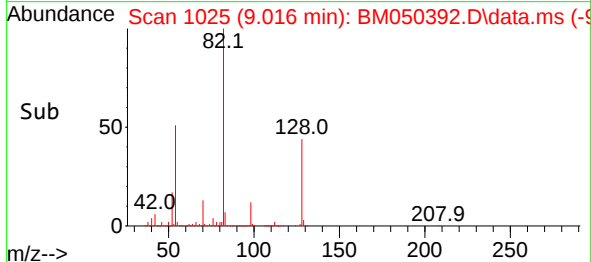
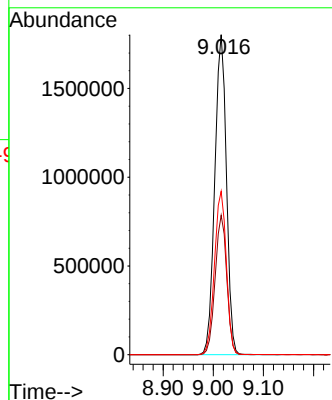
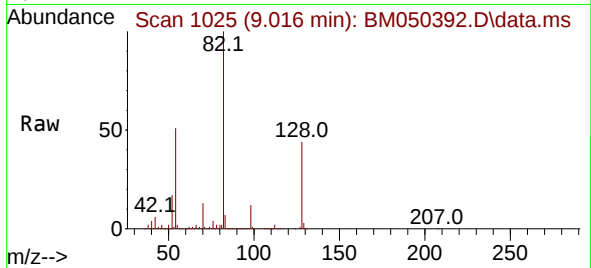




#23
Nitrobenzene-d5
Concen: 76.301 ng
RT: 9.016 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

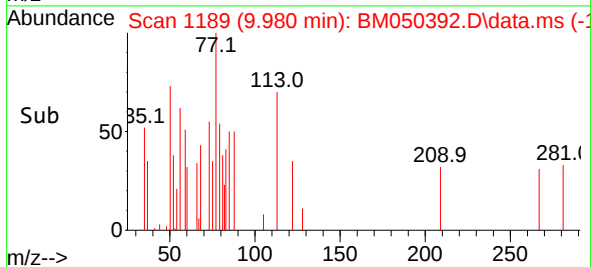
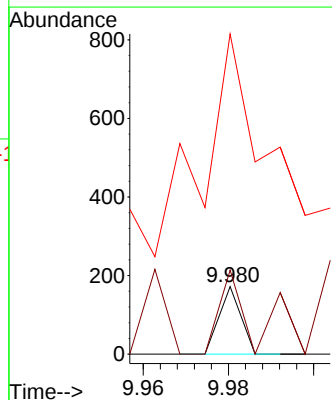
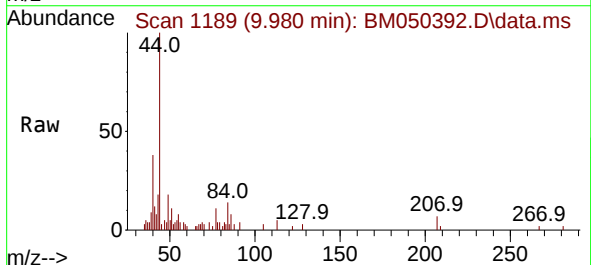
Instrument :
BNA_M
ClientSampleId :
TP-89

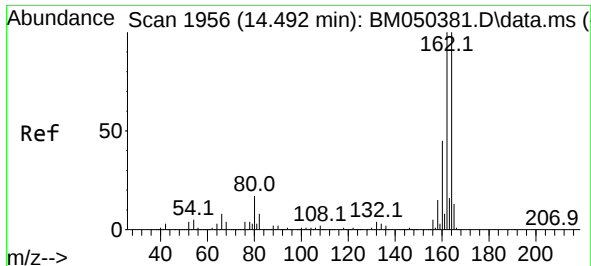
Tgt Ion: 82 Resp: 2911700
Ion Ratio Lower Upper
82 100
128 43.6 35.2 52.8
54 51.0 41.5 62.3



#32
Benzoic acid
Concen: 5.977 ng
RT: 9.980 min Scan# 1189
Delta R.T. 0.035 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 124.4 104.0 144.0
77 473.8 73.8 113.8#

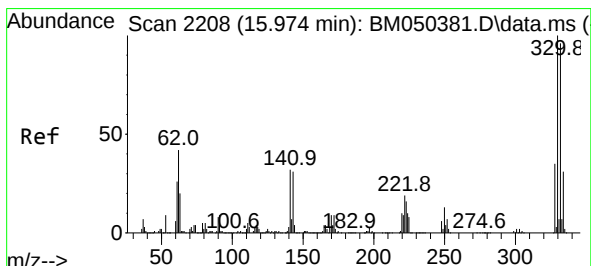
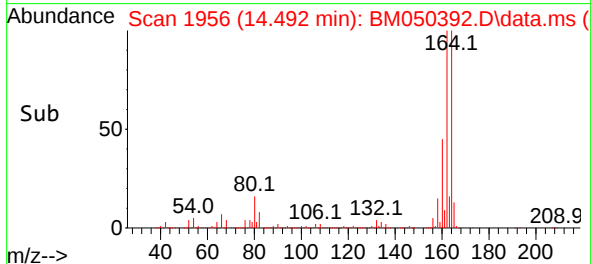
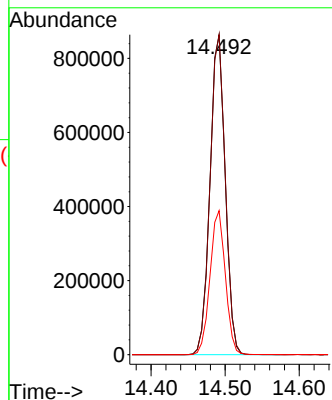
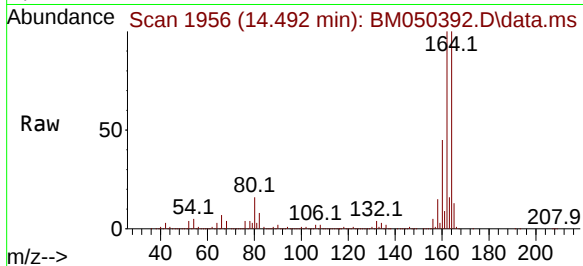




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

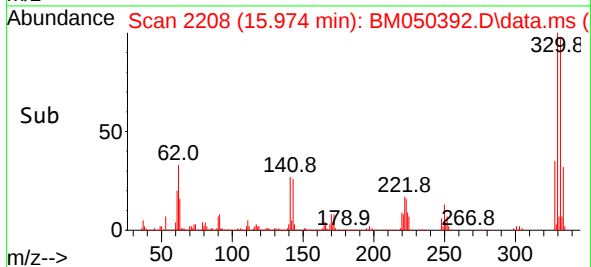
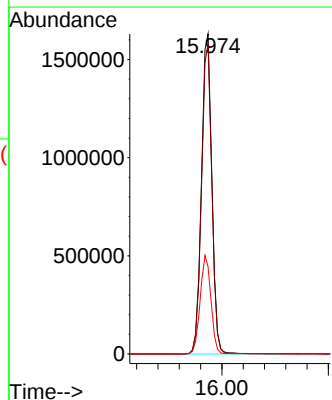
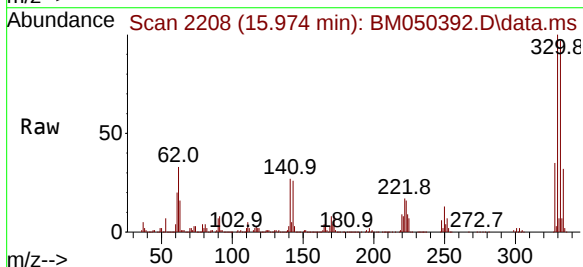
Instrument :
BNA_M
ClientSampleId :
TP-89

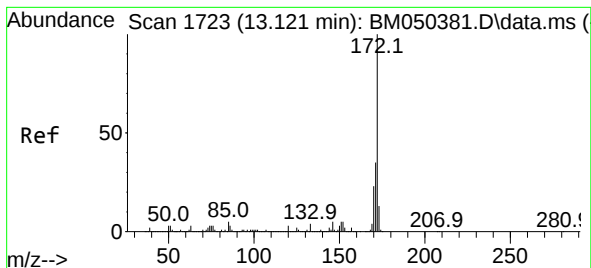
Tgt Ion:164 Resp: 1231743
Ion Ratio Lower Upper
164 100
162 100.1 79.9 119.9
160 45.1 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 147.135 ng
RT: 15.974 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

Tgt Ion:330 Resp: 2201990
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 32.0 27.4 41.0





#45

2-Fluorobiphenyl

Concen: 72.988 ng

RT: 13.121 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050392.D

Acq: 10 Jul 2025 16:37

Instrument :

BNA_M

ClientSampleId :

TP-89

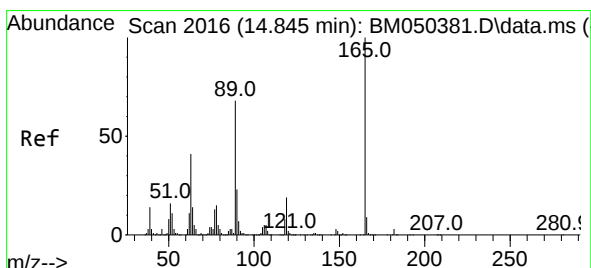
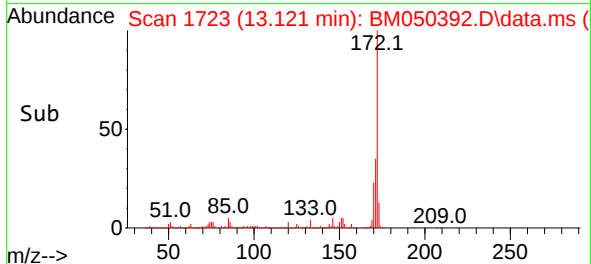
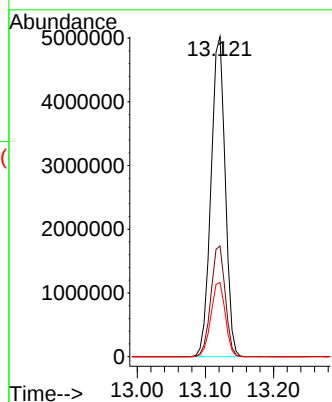
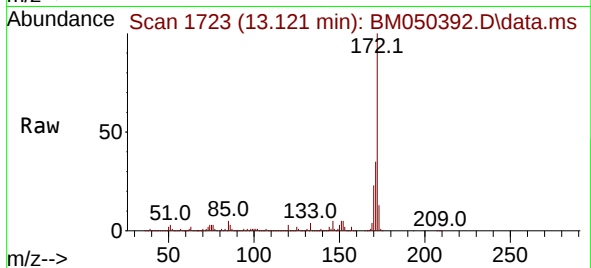
Tgt Ion:172 Resp: 7279925

Ion Ratio Lower Upper

172 100

171 34.6 27.7 41.5

170 23.2 18.8 28.2



#57

2,4-Dinitrotoluene

Concen: 2.743 ng

RT: 14.839 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BM050392.D

Acq: 10 Jul 2025 16:37

Tgt Ion:165 Resp: 478

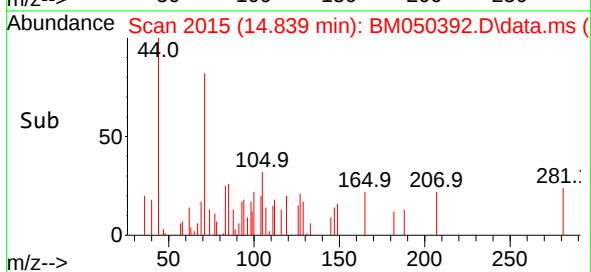
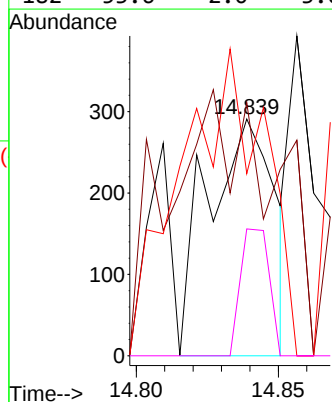
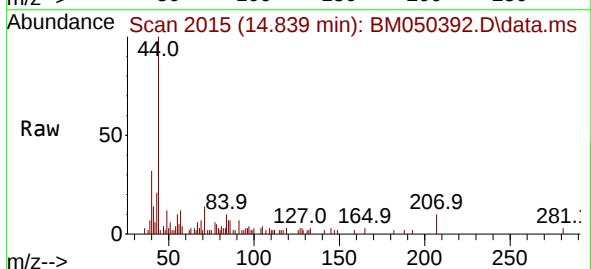
Ion Ratio Lower Upper

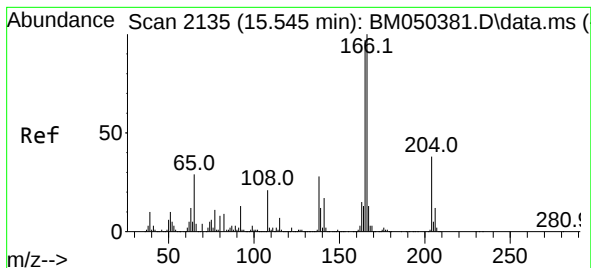
165 100

63 106.9 32.5 48.7#

89 77.0 54.0 81.0

182 53.6 2.0 3.0#

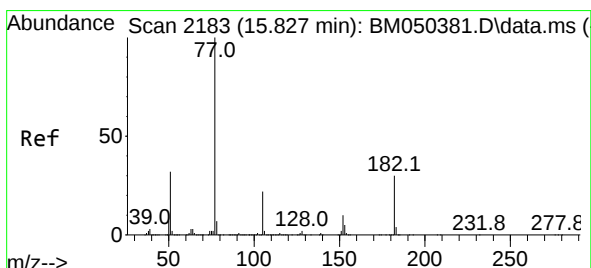
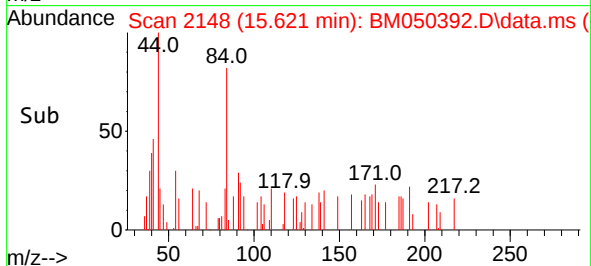
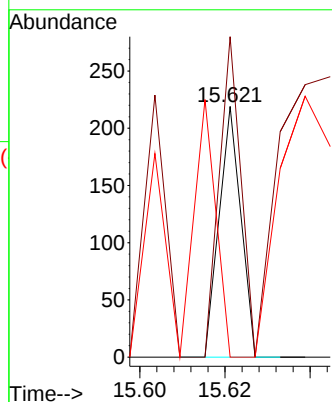
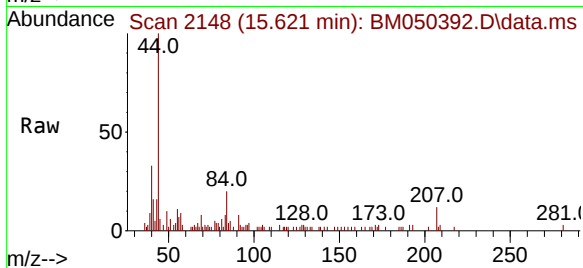




#62
4-Nitroaniline
Concen: 2.590 ng
RT: 15.621 min Scan# 2135
Delta R.T. 0.076 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

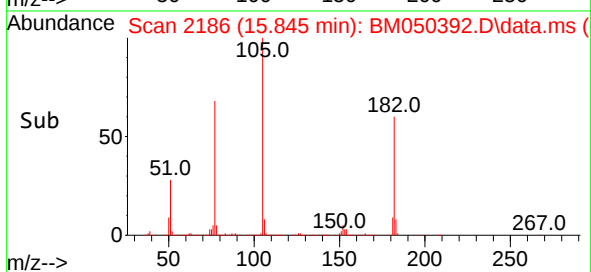
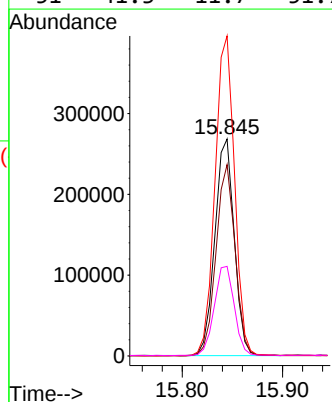
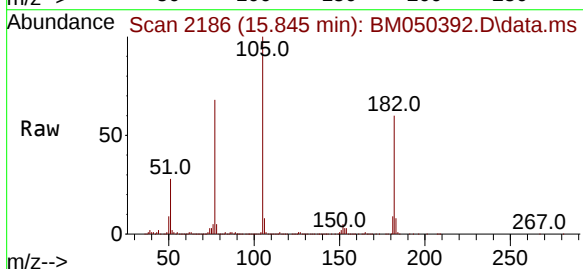
Instrument :
BNA_M
ClientSampleId :
TP-89

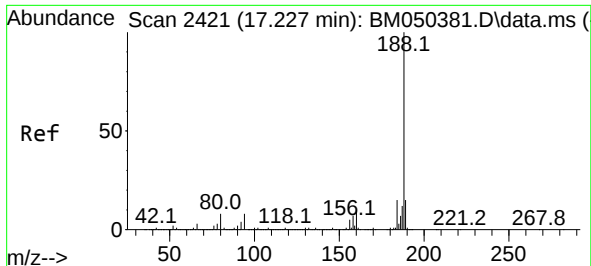
Tgt Ion:138 Resp: 77
Ion Ratio Lower Upper
138 100
92 127.9 24.5 64.5#
108 0.0 52.5 92.5#



#63
Azobenzene
Concen: 4.846 ng
RT: 15.845 min Scan# 2186
Delta R.T. 0.018 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

Tgt Ion: 77 Resp: 360462
Ion Ratio Lower Upper
77 100
182 88.2 10.0 50.0#
105 147.5 2.0 42.0#
51 41.3 11.7 51.7

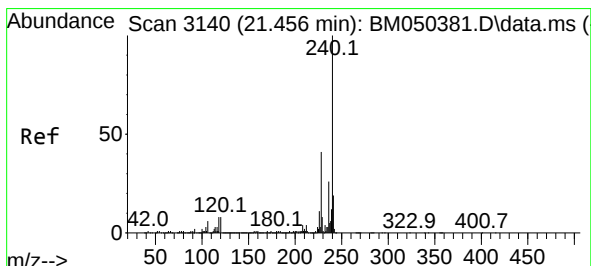
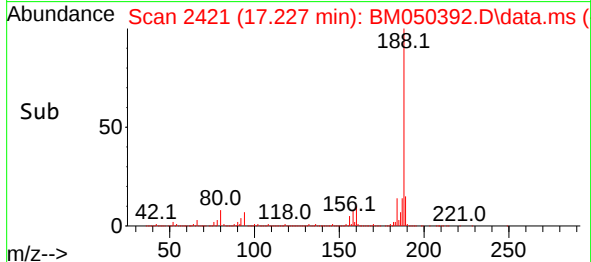
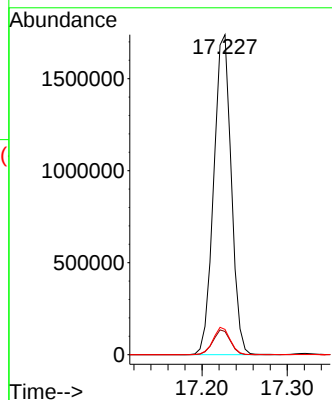
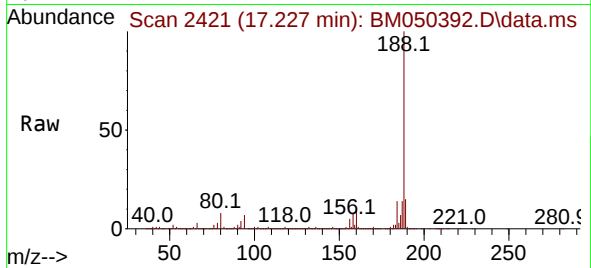




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

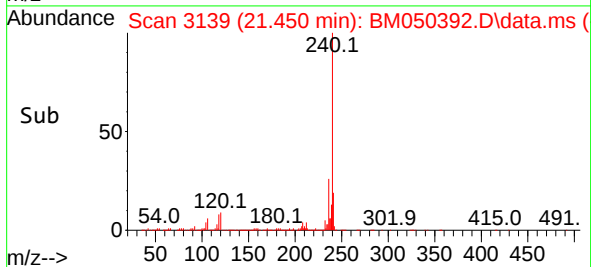
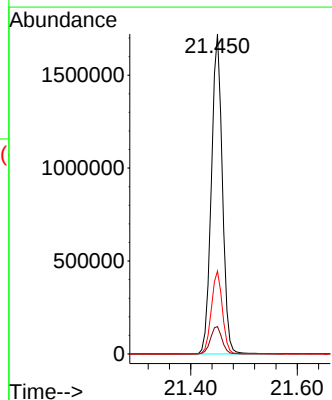
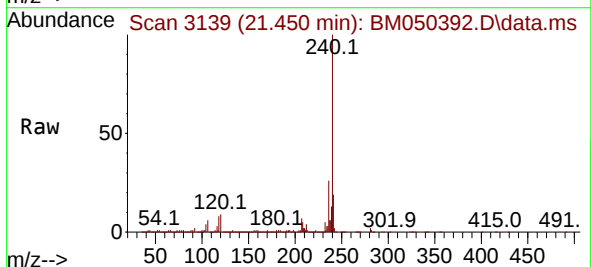
Instrument :
BNA_M
ClientSampleId :
TP-89

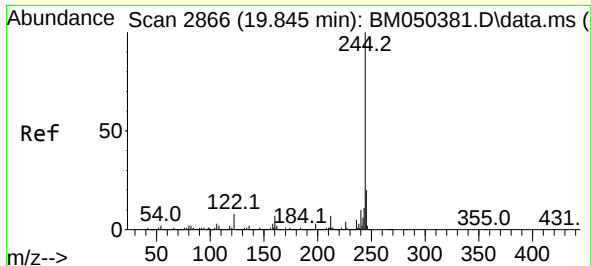
Tgt Ion:188 Resp: 2477433
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 7.9 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

Tgt Ion:240 Resp: 2462748
Ion Ratio Lower Upper
240 100
120 8.6 6.7 10.1
236 25.9 20.7 31.1

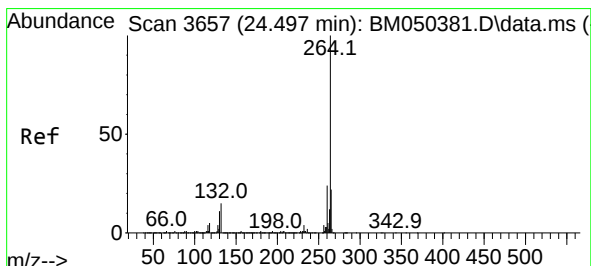
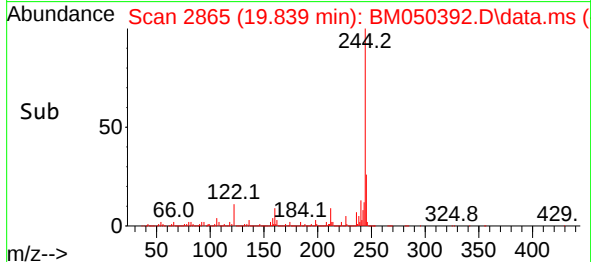
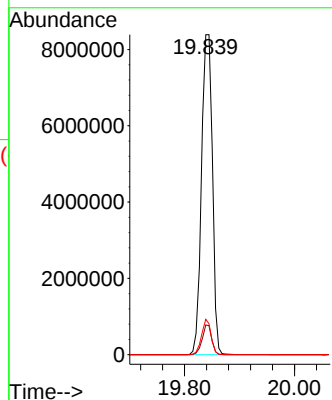
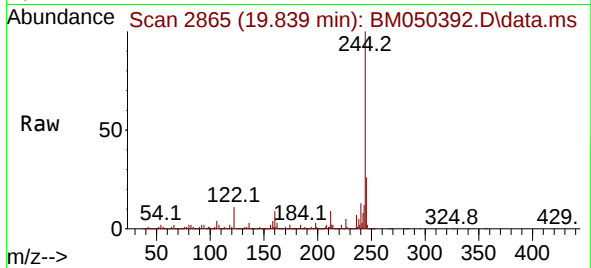




#79
 Terphenyl-d14
 Concen: 82.782 ng
 RT: 19.839 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050392.D
 Acq: 10 Jul 2025 16:37

Instrument :
 BNA_M
 ClientSampleId :
 TP-89

Tgt Ion:244 Resp:11587106
 Ion Ratio Lower Upper
 244 100
 212 9.3 5.7 8.5#
 122 11.0 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.491 min Scan# 3656
 Delta R.T. -0.006 min
 Lab File: BM050392.D
 Acq: 10 Jul 2025 16:37

Tgt Ion:264 Resp: 2316006
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.7 17.8 26.6

