

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
 Data File : BM050067.D
 Acq On : 01 May 2025 16:44
 Operator : RC/JU
 Sample : Q1914-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS-91

Quant Time: May 01 18:06:39 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)

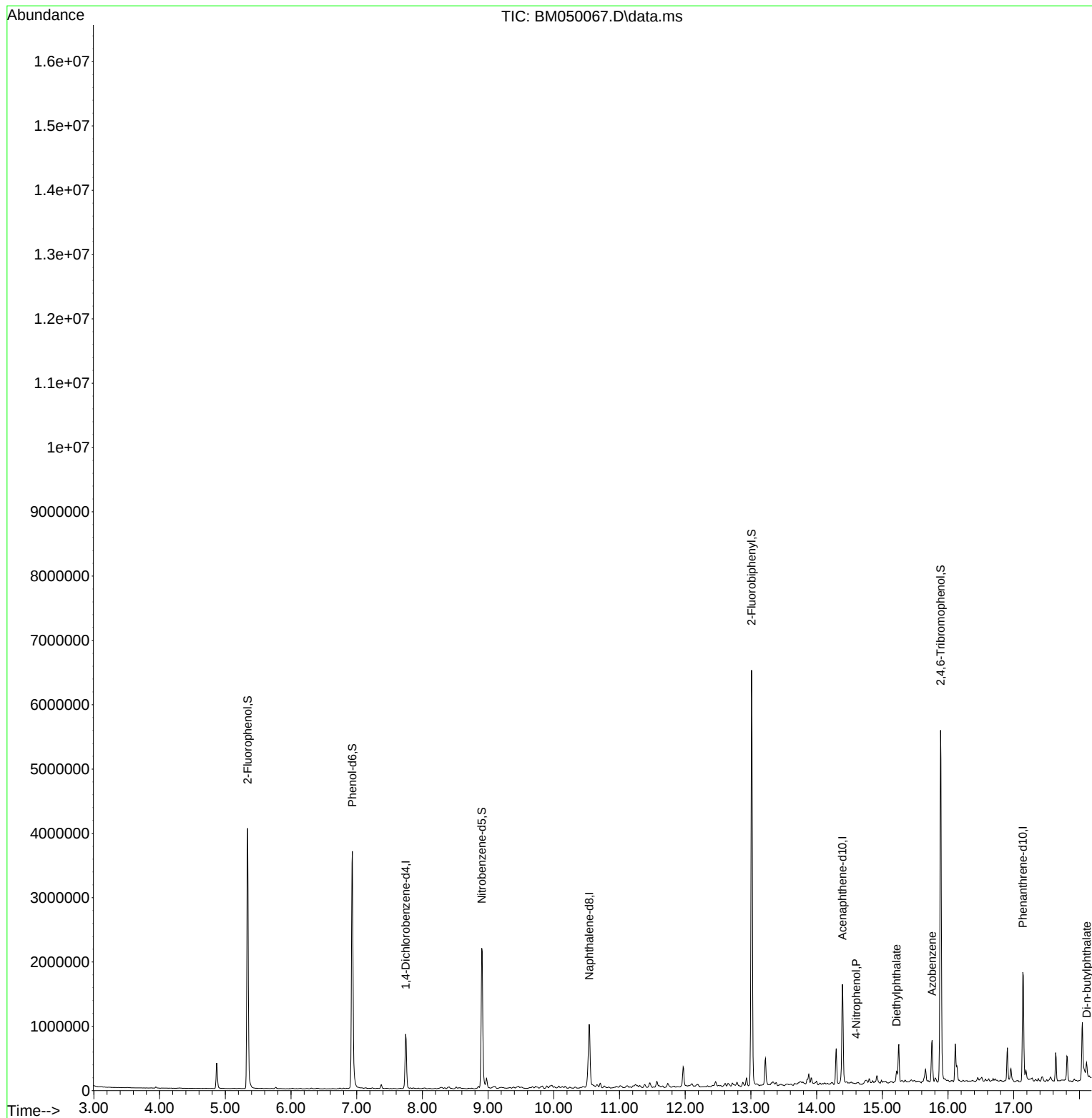
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	241297	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	826545	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	542720	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1075472	20.000	ng	-0.02
76) Chrysene-d12	21.380	240	1169707	20.000	ng	-0.02
86) Perylene-d12	24.374	264	1275485	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1842545	133.712	ng	-0.02
7) Phenol-d6	6.934	99	2344634	135.375	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1372632	81.833	ng	-0.02
42) 2,4,6-Tribromophenol	15.886	330	1143242	142.463	ng	-0.02
45) 2-Fluorobiphenyl	13.010	172	3546344	77.301	ng	-0.02
79) Terphenyl-d14	19.768	244	6306366	79.779	ng	-0.01
Target Compounds						
						Qvalue
56) 4-Nitrophenol	14.604	139	1329	4.730	ng	# 10
60) Diethylphthalate	15.215	149	137565	3.681	ng	98
63) Azobenzene	15.757	77	169916	5.425	ng	# 1
74) Di-n-butylphthalate	18.109	149	225196	3.550	ng	99
75) Fluoranthene	19.203	202	152568	2.142	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050067.D
Acq On : 01 May 2025 16:44
Operator : RC/JU
Sample : Q1914-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-91

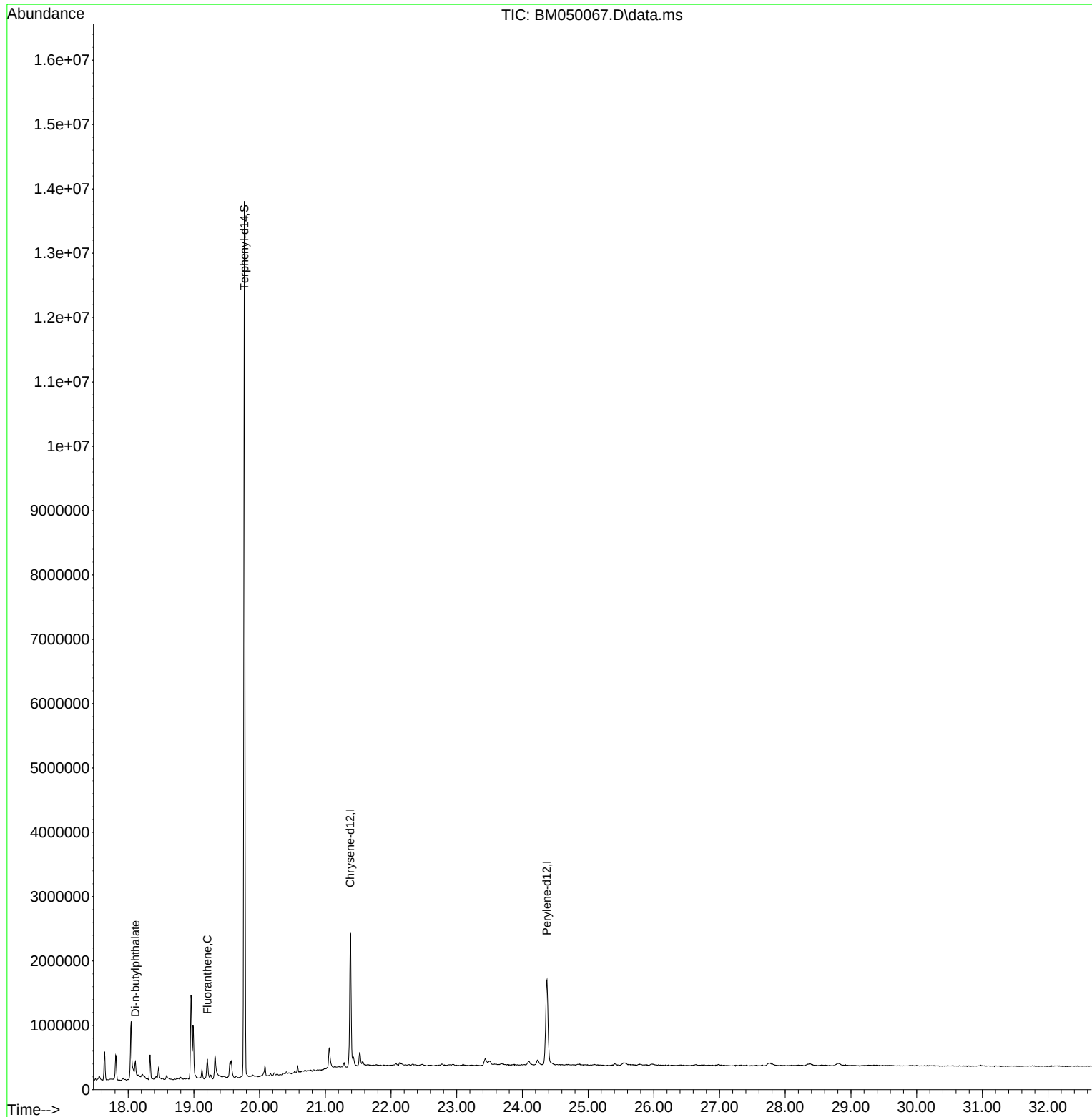
Quant Time: May 01 18:06:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

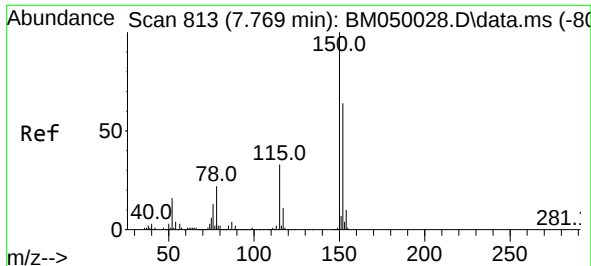


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050067.D
Acq On : 01 May 2025 16:44
Operator : RC/JU
Sample : Q1914-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-91

Quant Time: May 01 18:06:39 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

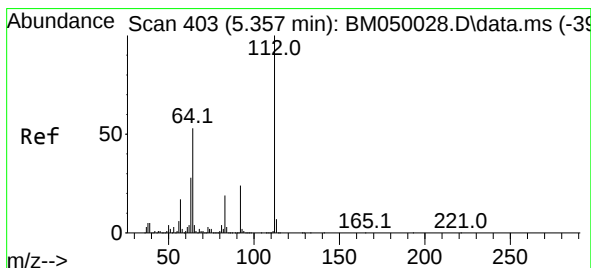
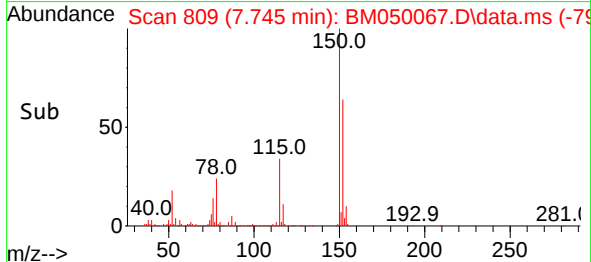
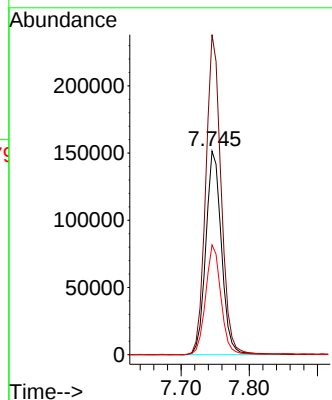
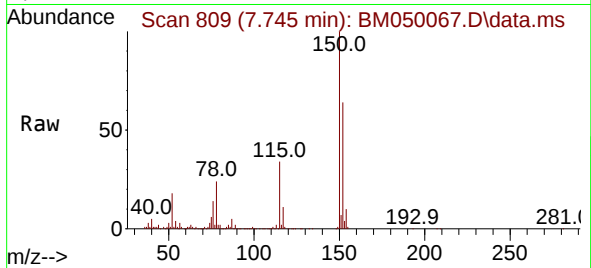




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

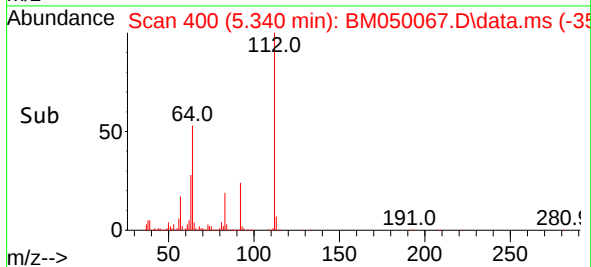
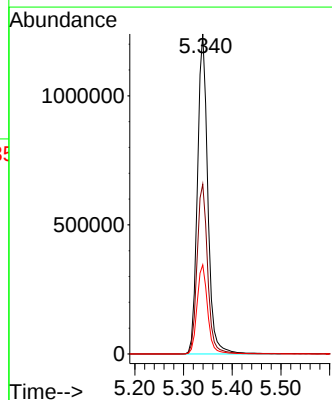
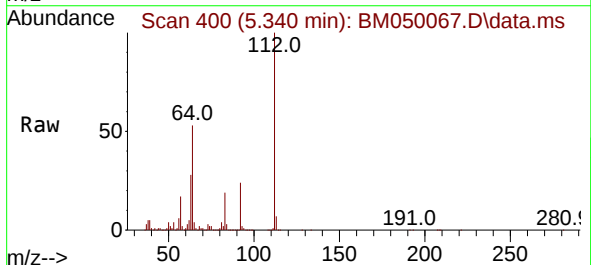
Instrument :
BNA_M
ClientSampleId :
SS-91

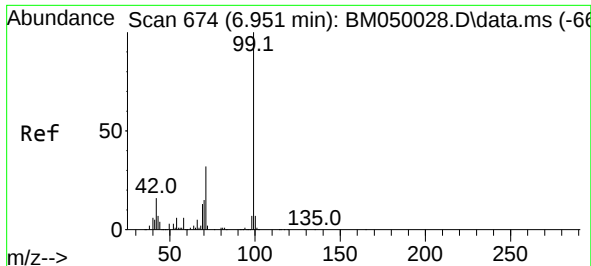
Tgt Ion:152 Resp: 241297
Ion Ratio Lower Upper
152 100
150 157.3 124.1 186.1
115 53.9 41.2 61.8



#5
2-Fluorophenol
Concen: 133.712 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Tgt Ion:112 Resp: 1842545
Ion Ratio Lower Upper
112 100
64 53.1 42.6 64.0
63 27.8 22.2 33.4

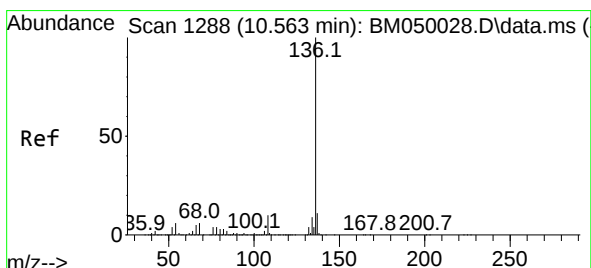
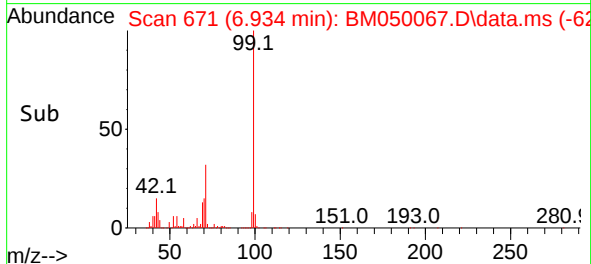
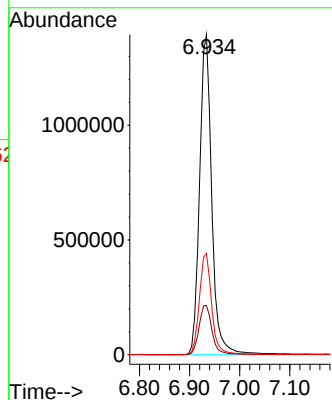
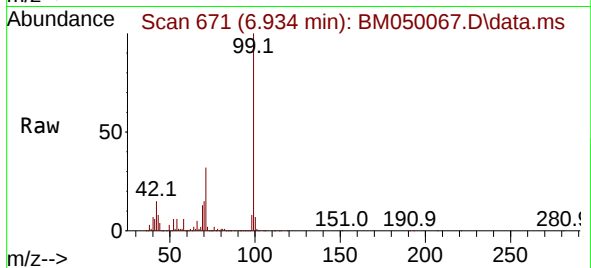




#7
Phenol-d6
Concen: 135.375 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

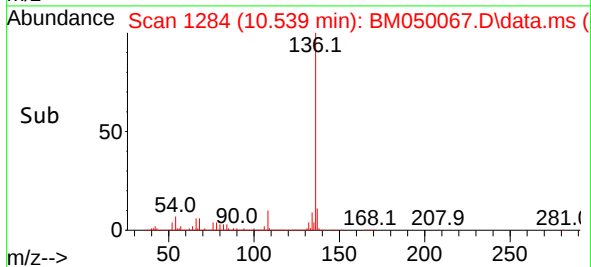
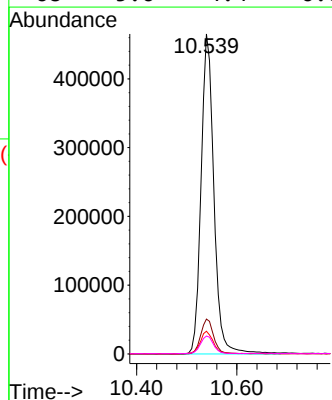
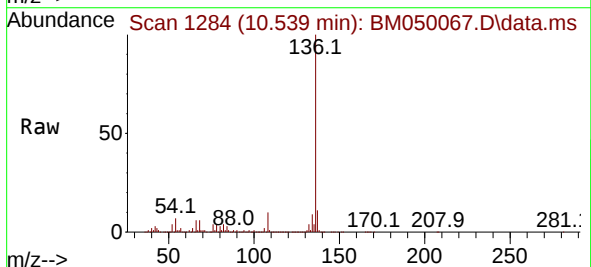
Instrument :
BNA_M
ClientSampleId :
SS-91

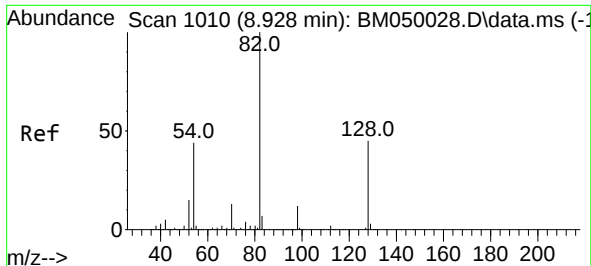
Tgt Ion: 99 Resp: 2344634
Ion Ratio Lower Upper
99 100
42 15.4 13.0 19.4
71 31.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Tgt Ion: 136 Resp: 826545
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.1 5.1 7.7
68 5.6 4.4 6.6

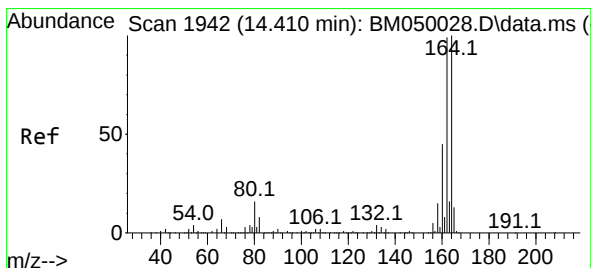
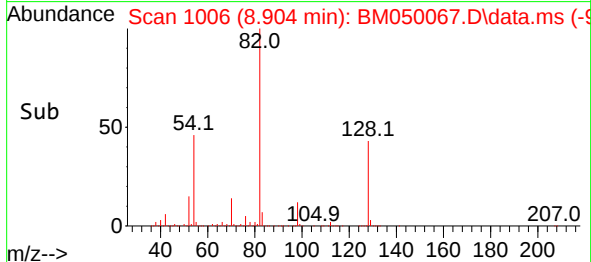
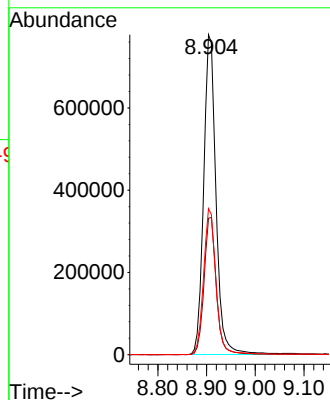
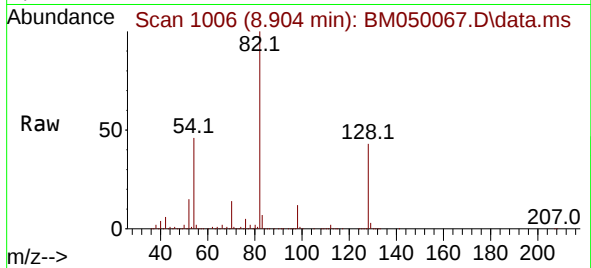




#23
Nitrobenzene-d5
Concen: 81.833 ng
RT: 8.904 min Scan# 1010
Delta R.T. -0.024 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

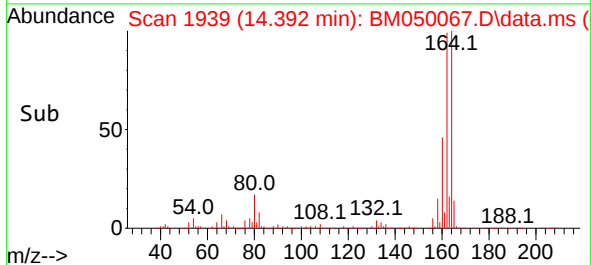
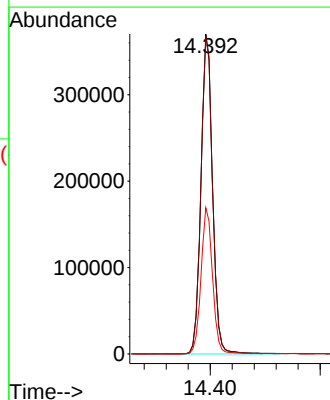
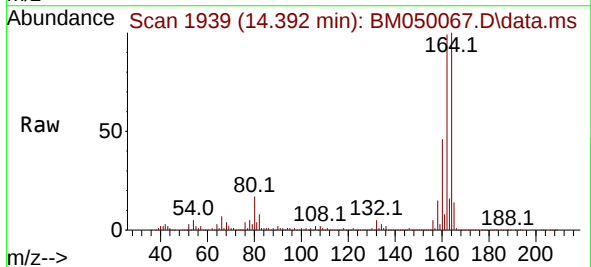
Instrument :
BNA_M
ClientSampleId :
SS-91

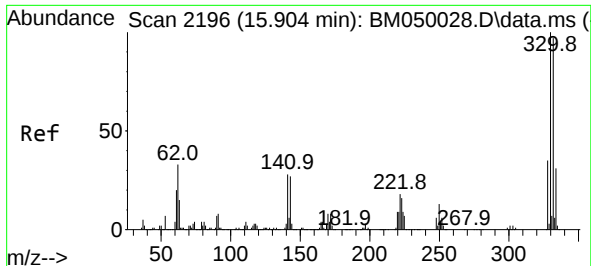
Tgt Ion: 82 Resp: 1372632
Ion Ratio Lower Upper
82 100
128 42.6 35.7 53.5
54 45.6 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Tgt Ion: 164 Resp: 542720
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 45.7 36.2 54.4

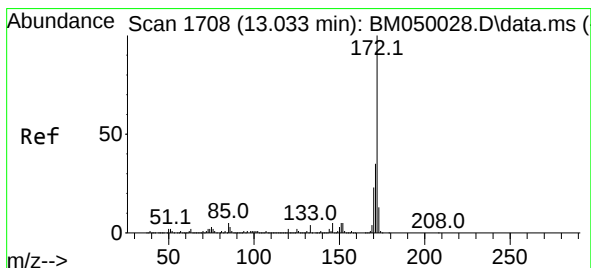
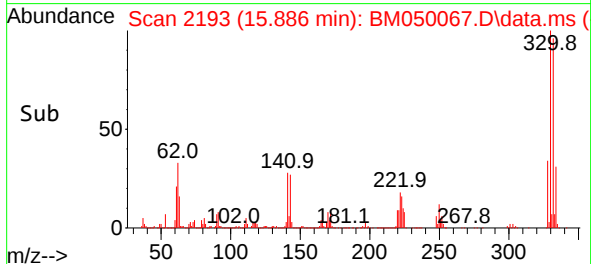
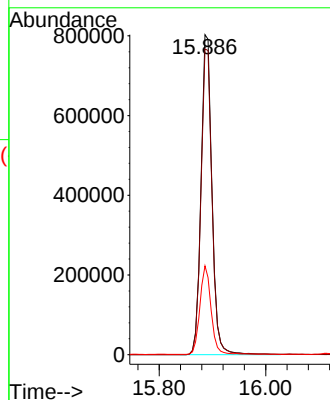
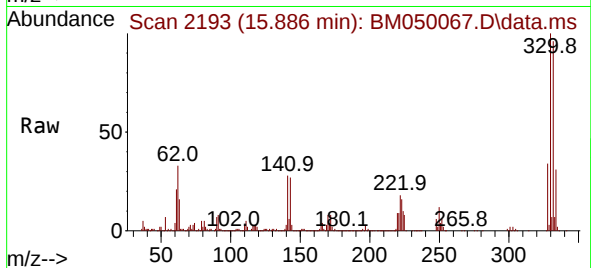




#42
2,4,6-Tribromophenol
Concen: 142.463 ng
RT: 15.886 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

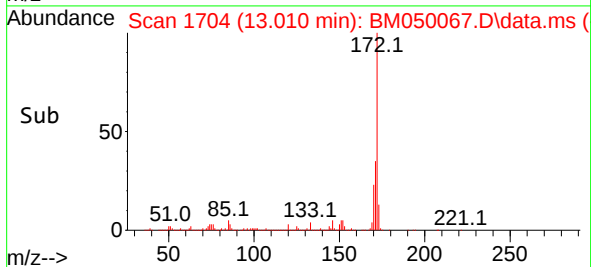
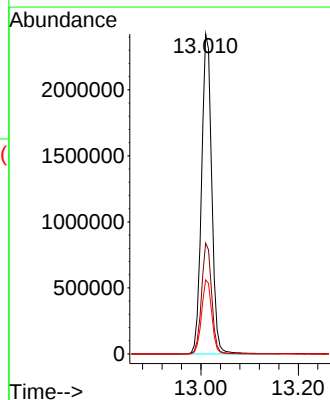
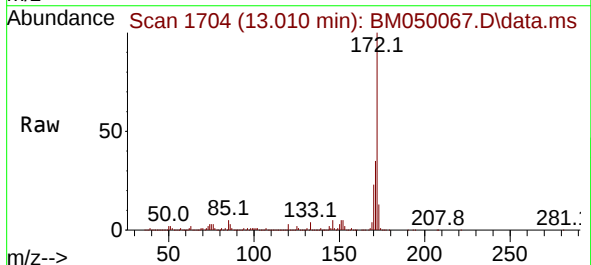
Instrument :
BNA_M
ClientSampleId :
SS-91

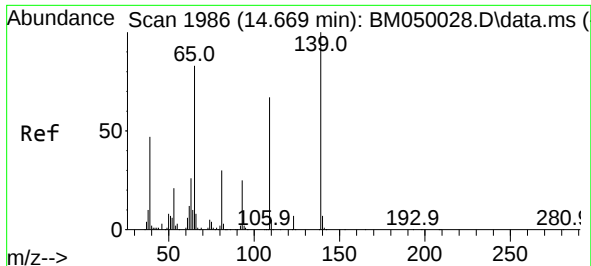
Tgt Ion:330 Resp: 1143242
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 28.4 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 77.301 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Tgt Ion:172 Resp: 3546344
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.6 28.0

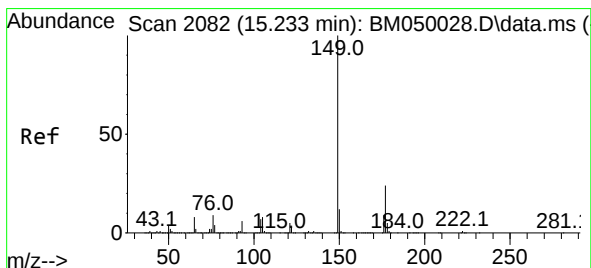
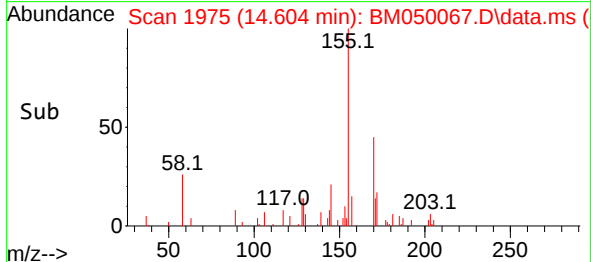
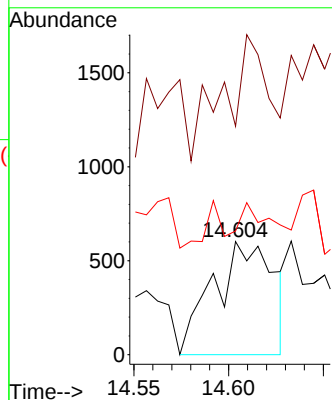
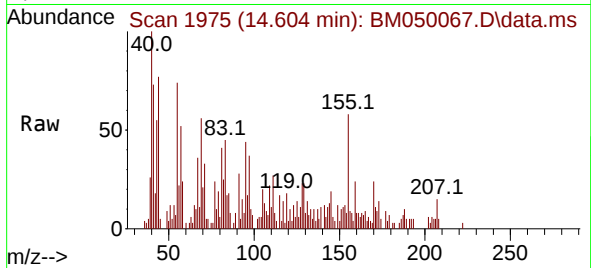




#56
4-Nitrophenol
Concen: 4.730 ng
RT: 14.604 min Scan# 1986
Delta R.T. -0.065 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

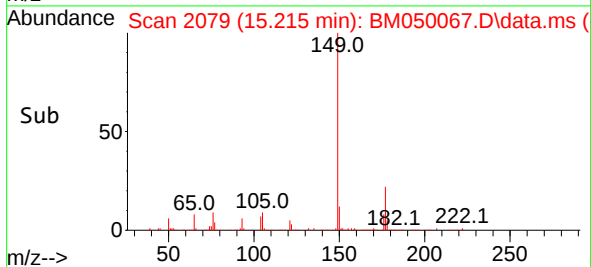
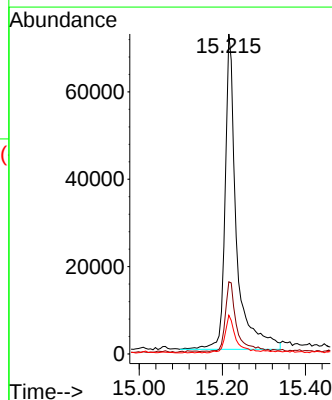
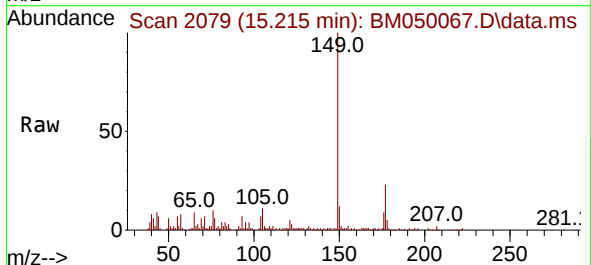
Instrument :
BNA_M
ClientSampleId :
SS-91

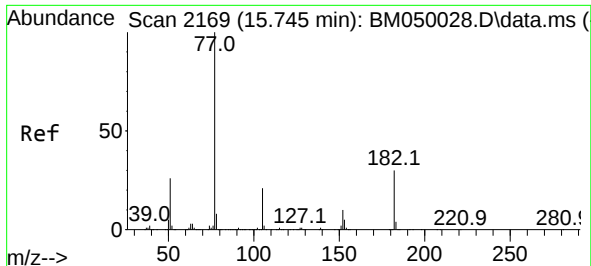
Tgt Ion:139 Resp: 1329
Ion Ratio Lower Upper
139 100
109 202.0 47.0 87.0#
65 109.3 64.3 104.3#



#60
Diethylphthalate
Concen: 3.681 ng
RT: 15.215 min Scan# 2079
Delta R.T. -0.018 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Tgt Ion:149 Resp: 137565
Ion Ratio Lower Upper
149 100
177 22.5 19.1 28.7
150 12.1 9.6 14.4

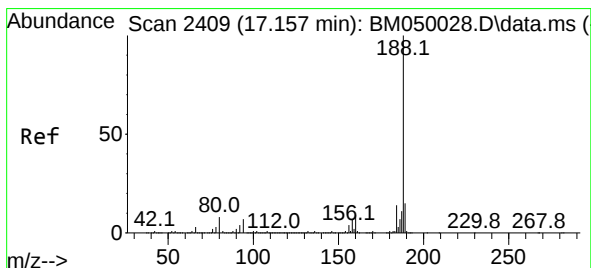
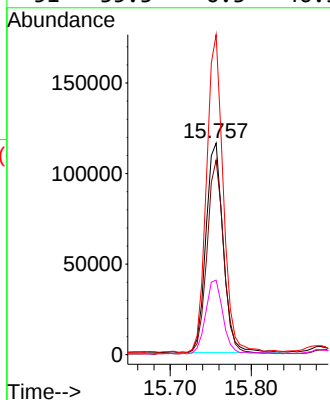
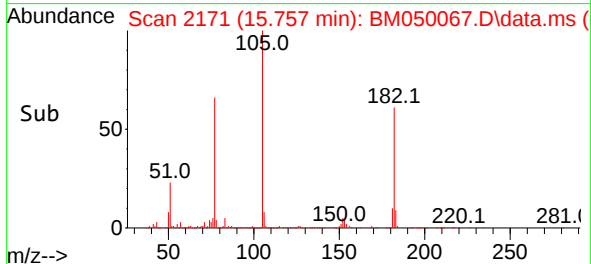
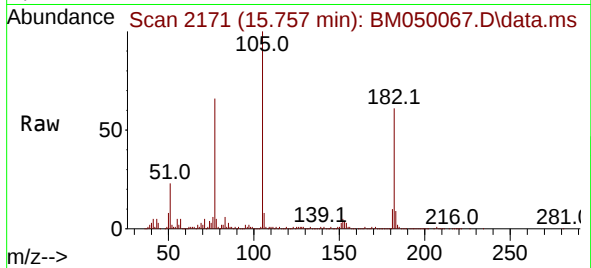




#63
Azobenzene
Concen: 5.425 ng
RT: 15.757 min Scan# 2169
Delta R.T. 0.012 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

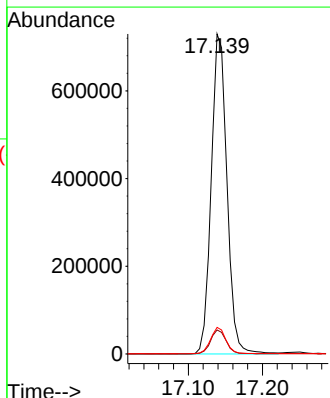
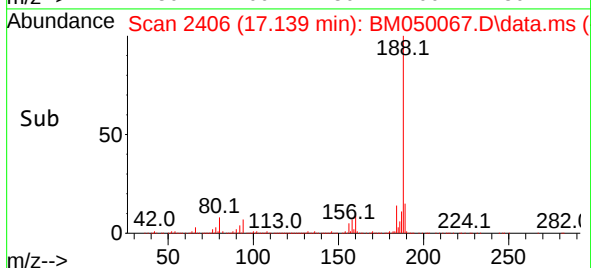
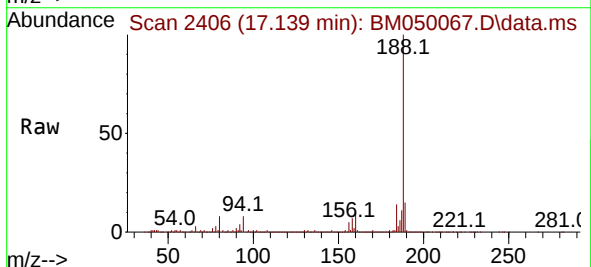
Instrument :
BNA_M
ClientSampleId :
SS-91

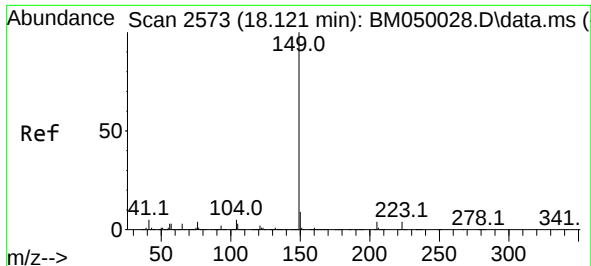
Tgt Ion: 77 Resp: 169916
Ion Ratio Lower Upper
77 100
182 92.0 10.5 50.5#
105 151.3 1.1 41.1#
51 35.3 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Tgt Ion:188 Resp: 1075472
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 8.3 6.2 9.4

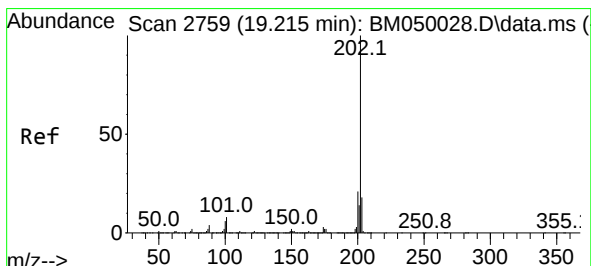
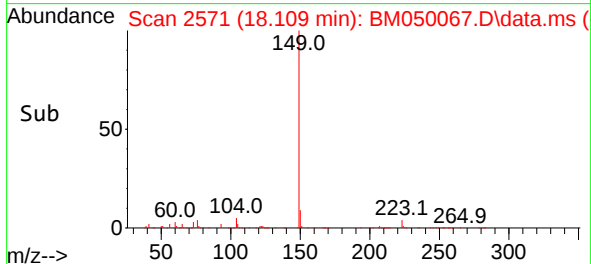
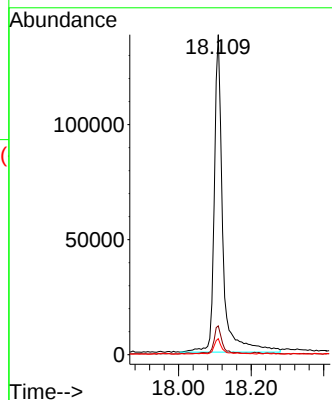
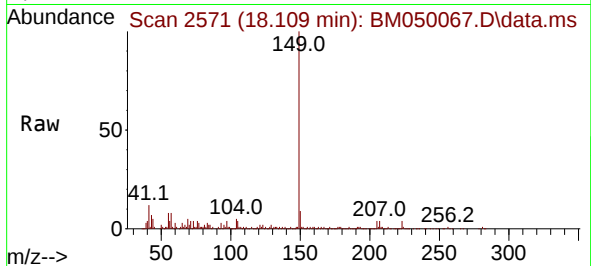




#74
Di-n-butylphthalate
Concen: 3.550 ng
RT: 18.109 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

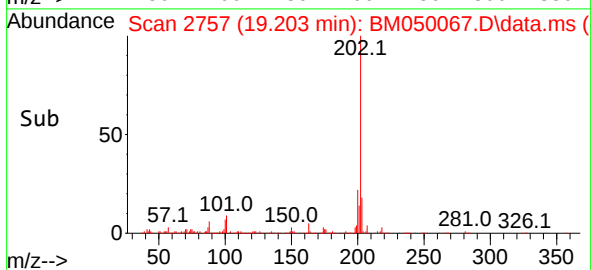
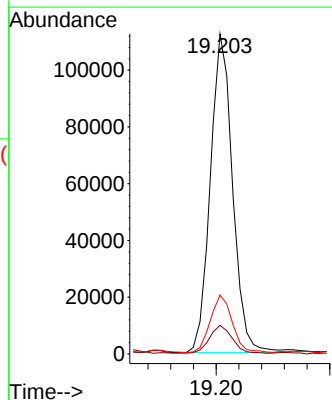
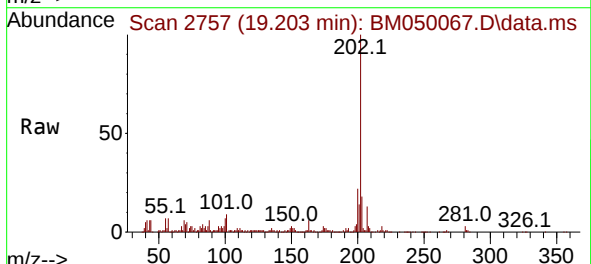
Instrument :
BNA_M
ClientSampleId :
SS-91

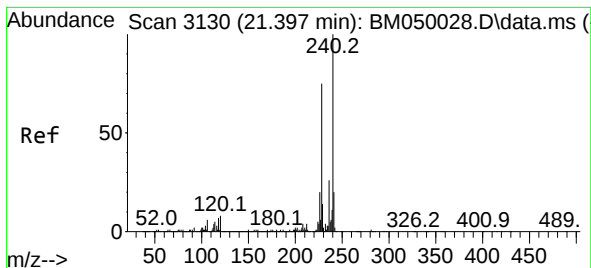
Tgt Ion:149 Resp: 225196
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 5.0 3.8 5.6



#75
Fluoranthene
Concen: 2.142 ng
RT: 19.203 min Scan# 2757
Delta R.T. -0.012 min
Lab File: BM050067.D
Acq: 01 May 2025 16:44

Tgt Ion:202 Resp: 152568
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.0
203 18.4 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 31

Delta R.T. -0.017 min

Lab File: BM050067.D

Acq: 01 May 2025 16:44

Instrument :

BNA_M

ClientSampleId :

SS-91

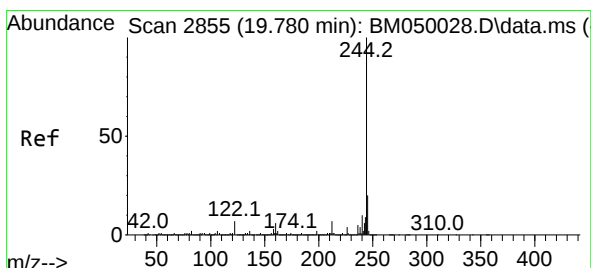
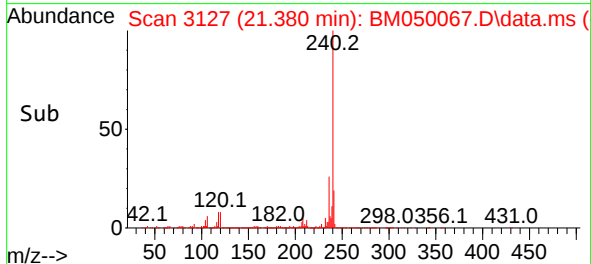
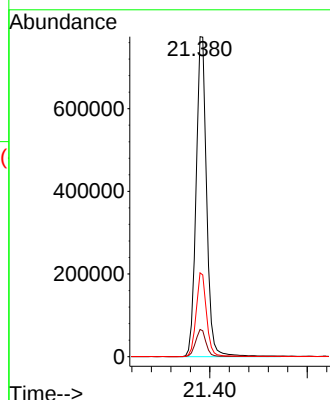
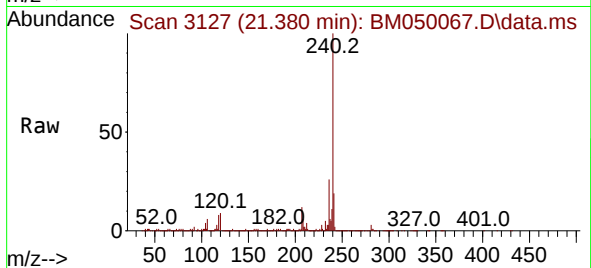
Tgt Ion:240 Resp: 1169707

Ion Ratio Lower Upper

240 100

120 8.5 6.5 9.7

236 26.2 20.9 31.3



#79

Terphenyl-d14

Concen: 79.779 ng

RT: 19.768 min Scan# 2853

Delta R.T. -0.012 min

Lab File: BM050067.D

Acq: 01 May 2025 16:44

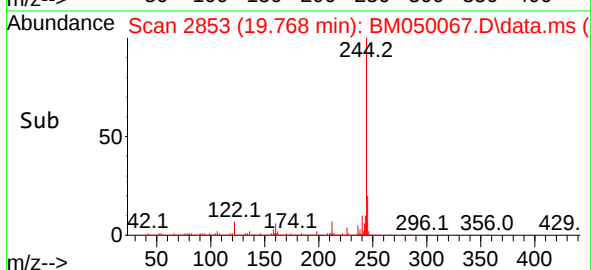
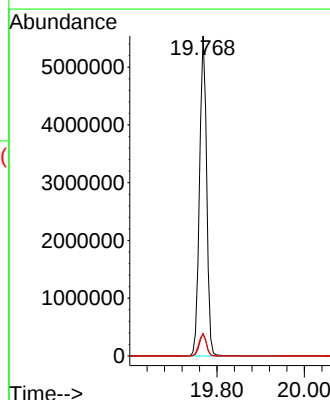
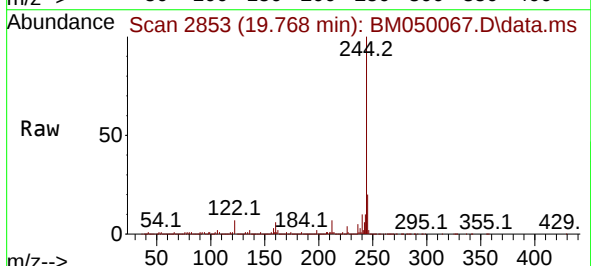
Tgt Ion:244 Resp: 6306366

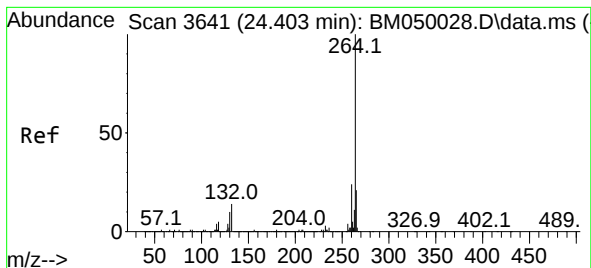
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 6.9 5.6 8.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.374 min Scan# 3

Delta R.T. -0.030 min

Lab File: BM050067.D

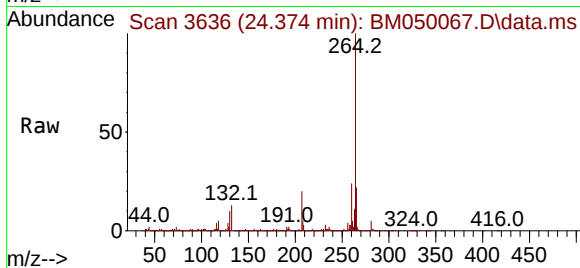
Acq: 01 May 2025 16:44

Instrument :

BNA_M

ClientSampleId :

SS-91



Tgt Ion:264 Resp: 1275485

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.1 17.0 25.4

