

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
 Data File : BM049863.D
 Acq On : 09 Apr 2025 11:50
 Operator : RC/JU
 Sample : Q1740-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-20

Quant Time: Apr 09 12:26:20 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)

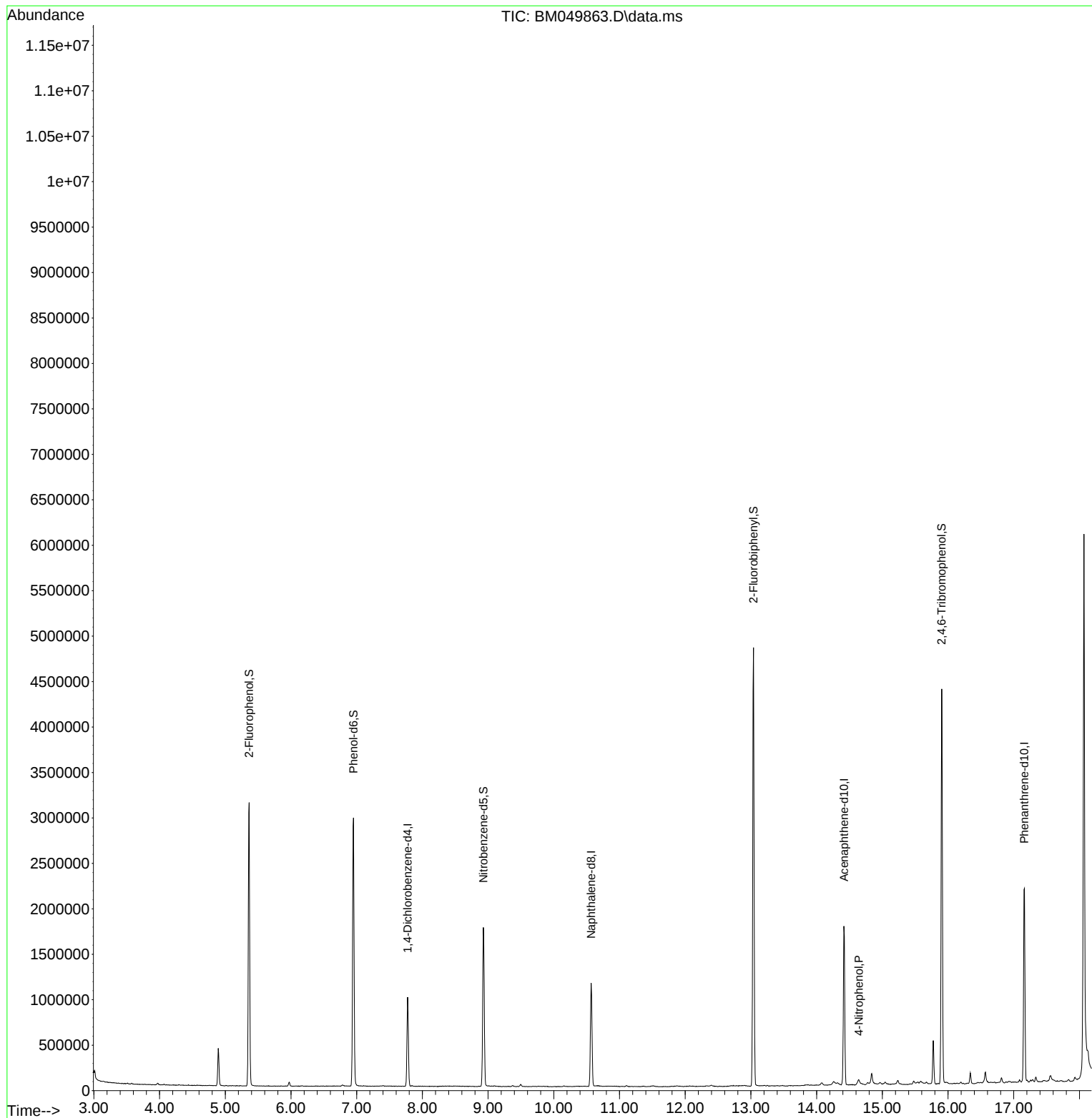
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	278919	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	958558	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	636618	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1324500	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1364425	20.000	ng	0.00
86) Perylene-d12	24.392	264	1455314	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1396077	84.994	ng	0.00
7) Phenol-d6	6.952	99	1729088	84.608	ng	0.00
23) Nitrobenzene-d5	8.928	82	1006910	58.494	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	840894	90.811	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	2522890	53.738	ng	0.00
79) Terphenyl-d14	19.786	244	4283343	58.832	ng	0.00
Target Compounds						
						Qvalue
56) 4-Nitrophenol	14.645	139	20670	2.550	ng	87
81) Benzo(a)anthracene	21.380	228	234031	2.581	ng	99
83) Chrysene	21.439	228	430942	4.999	ng	100
84) Bis(2-ethylhexyl)phtha...	21.304	149	127983	2.486	ng	96
88) Benzo(b)fluoranthene	23.445	252	405921	4.367	ng	99
89) Benzo(k)fluoranthene	23.509	252	403245	4.477	ng	99

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

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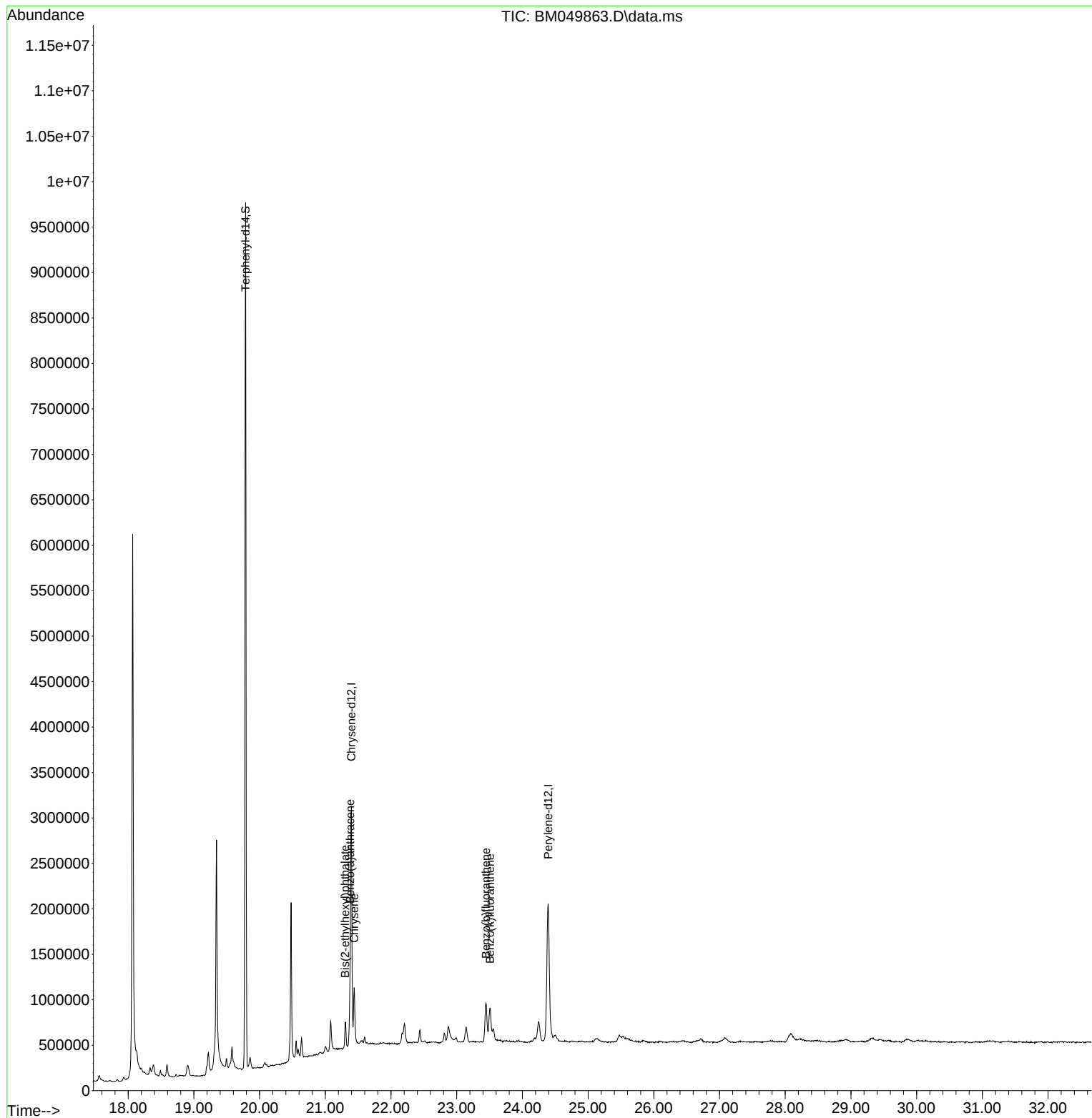
Quant Time: Apr 09 12:26:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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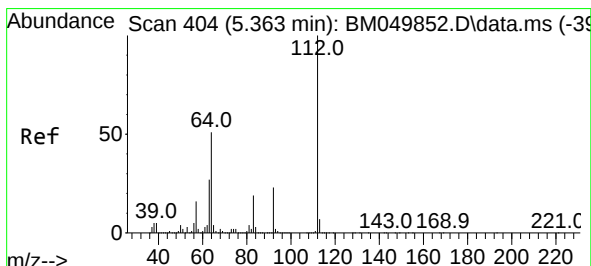
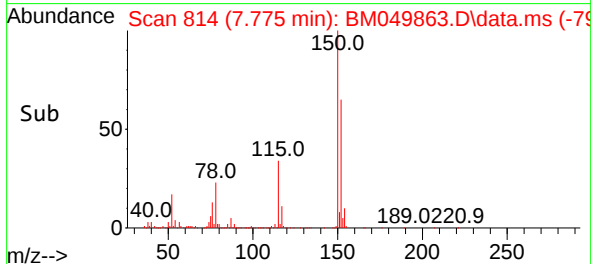
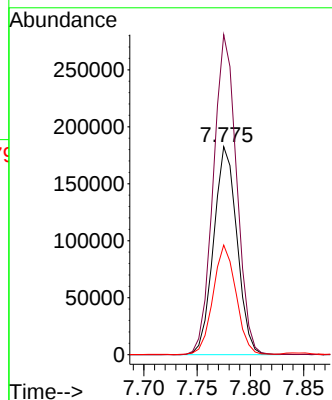
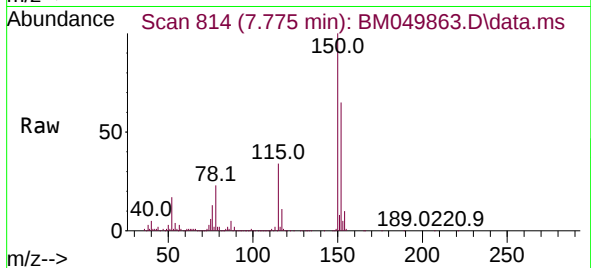




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM049863.D
Acq: 09 Apr 2025 11:50

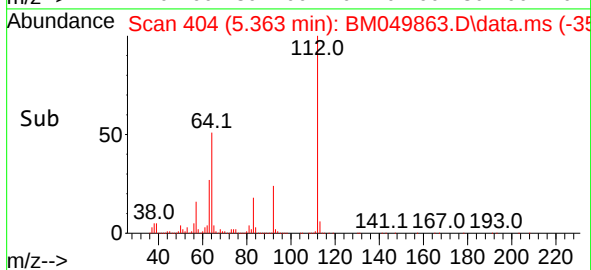
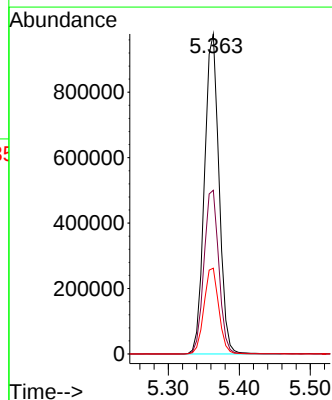
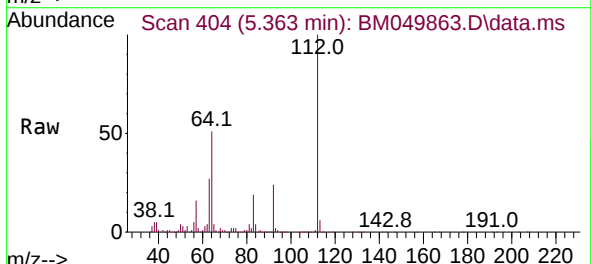
Instrument :
BNA_M
ClientSampleId :
TP-20

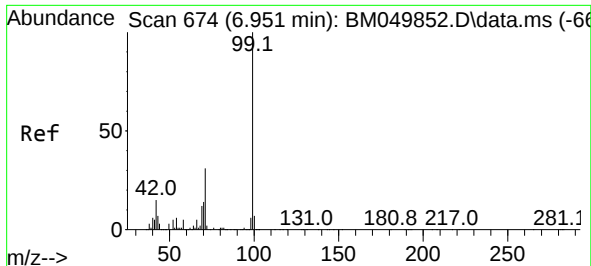
Tgt Ion:152 Resp: 278919
Ion Ratio Lower Upper
152 100
150 153.8 124.3 186.5
115 52.6 41.1 61.7



#5
2-Fluorophenol
Concen: 84.994 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049863.D
Acq: 09 Apr 2025 11:50

Tgt Ion:112 Resp: 1396077
Ion Ratio Lower Upper
112 100
64 51.1 41.0 61.6
63 26.8 21.5 32.3

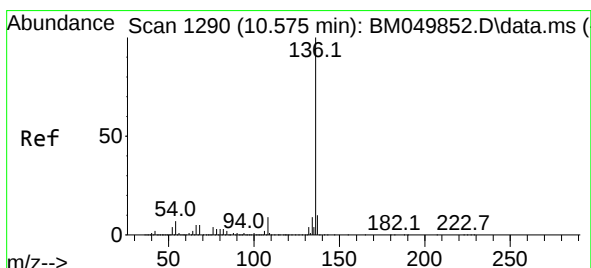
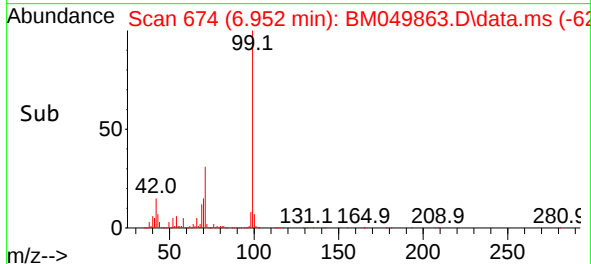
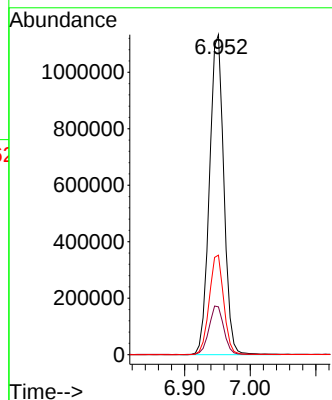
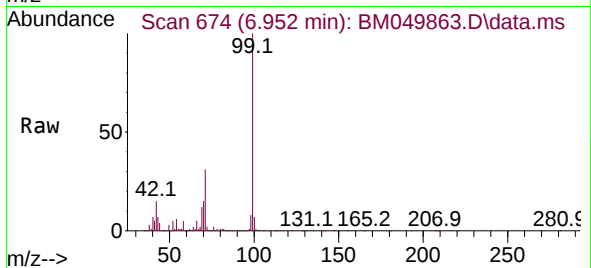




#7
Phenol-d6
Concen: 84.608 ng
RT: 6.952 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049863.D
Acq: 09 Apr 2025 11:50

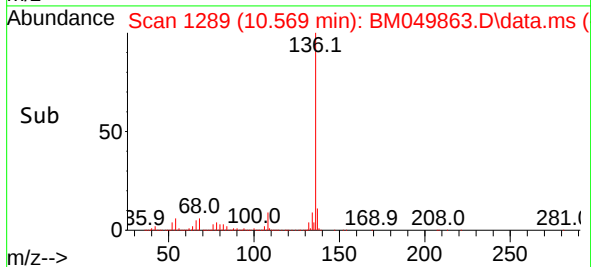
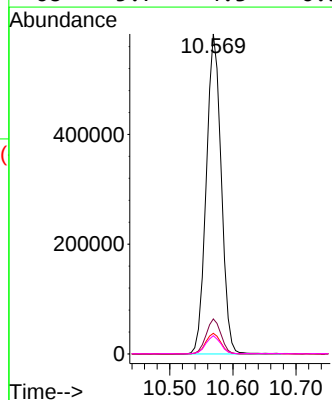
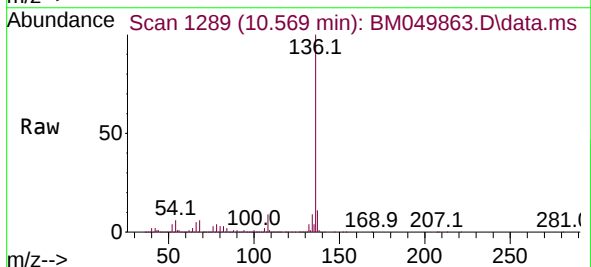
Instrument :
BNA_M
ClientSampleId :
TP-20

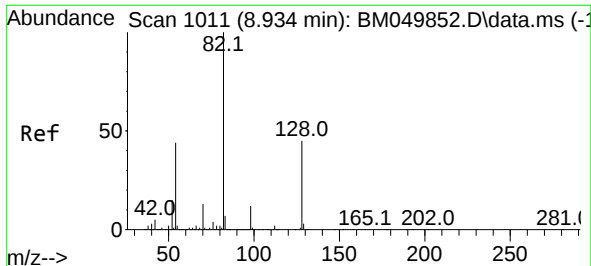
Tgt Ion: 99 Resp: 1729088
Ion Ratio Lower Upper
99 100
42 14.9 12.1 18.1
71 31.1 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049863.D
Acq: 09 Apr 2025 11:50

Tgt Ion:136 Resp: 958558
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.5 5.3 7.9
68 5.7 4.3 6.5

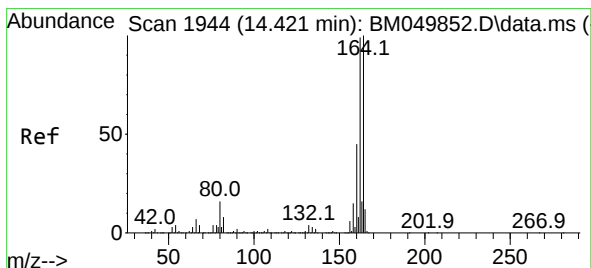
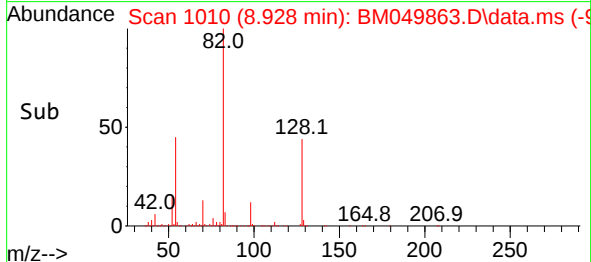
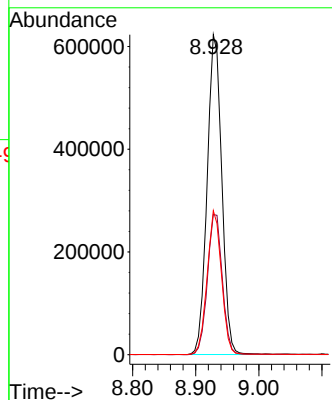
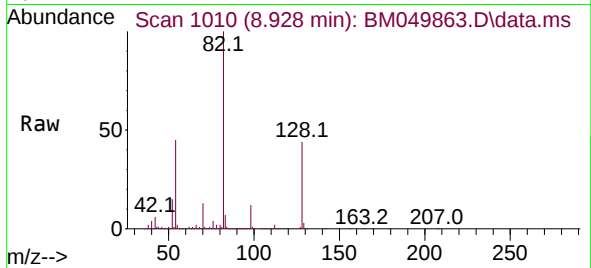




#23
Nitrobenzene-d5
Concen: 58.494 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM049863.D
Acq: 09 Apr 2025 11:50

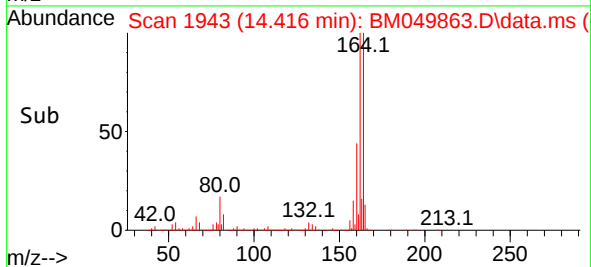
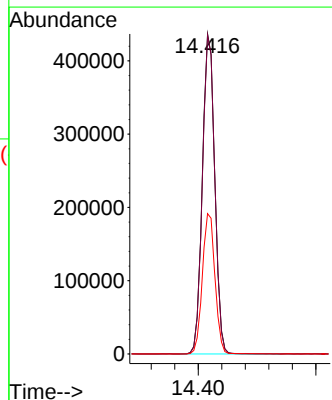
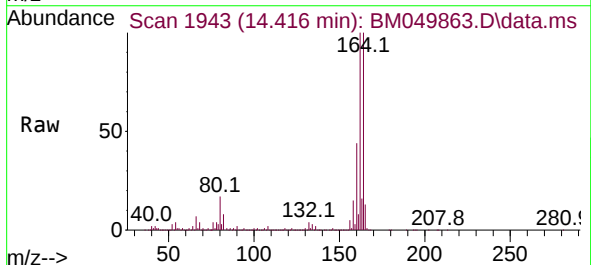
Instrument :
BNA_M
ClientSampleId :
TP-20

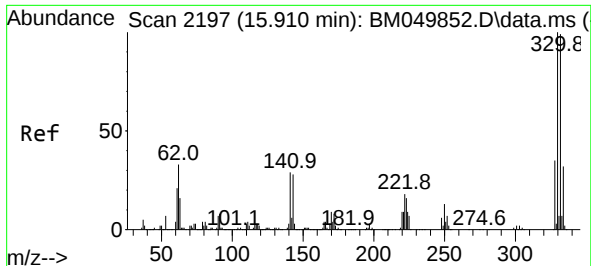
Tgt Ion: 82 Resp: 1006910
Ion Ratio Lower Upper
82 100
128 43.8 36.2 54.2
54 45.0 35.0 52.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049863.D
Acq: 09 Apr 2025 11:50

Tgt Ion:164 Resp: 636618
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.0
160 43.9 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 90.811 ng

RT: 15.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049863.D

Acq: 09 Apr 2025 11:50

Instrument :

BNA_M

ClientSampleId :

TP-20

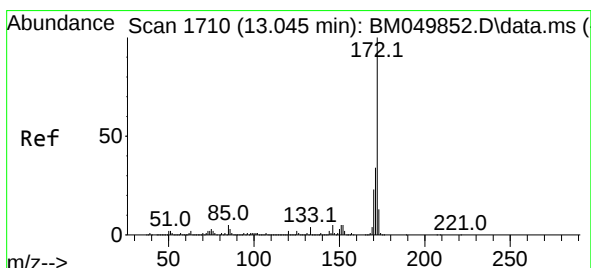
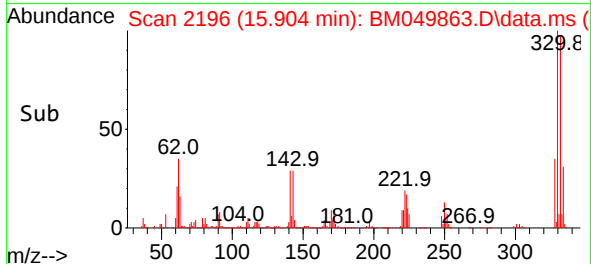
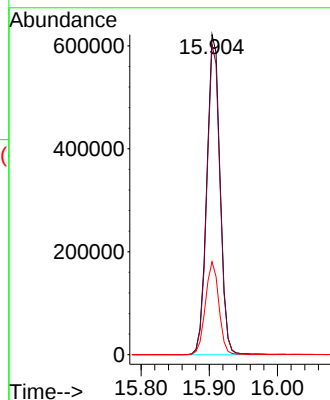
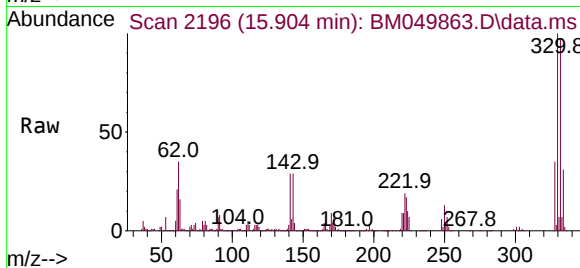
Tgt Ion:330 Resp: 840894

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 29.4 23.5 35.3



#45

2-Fluorobiphenyl

Concen: 53.738 ng

RT: 13.039 min Scan# 1709

Delta R.T. -0.006 min

Lab File: BM049863.D

Acq: 09 Apr 2025 11:50

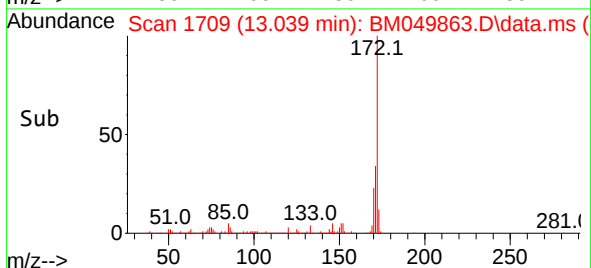
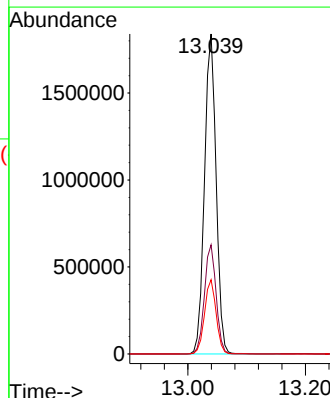
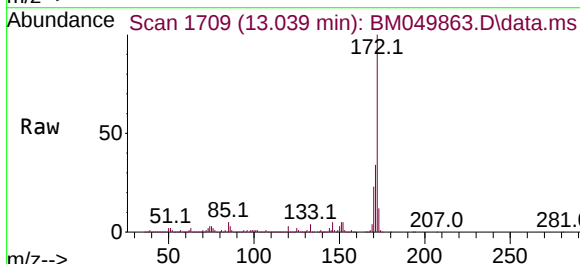
Tgt Ion:172 Resp: 2522890

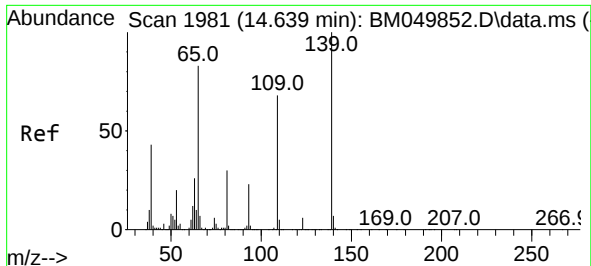
Ion Ratio Lower Upper

172 100

171 34.1 27.4 41.2

170 23.2 18.6 28.0

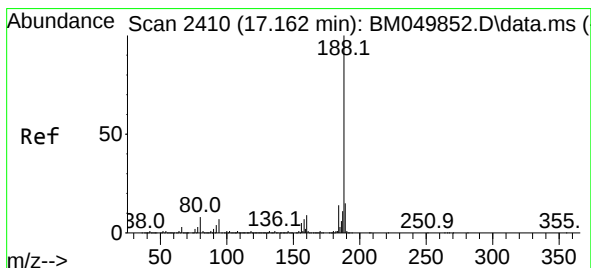
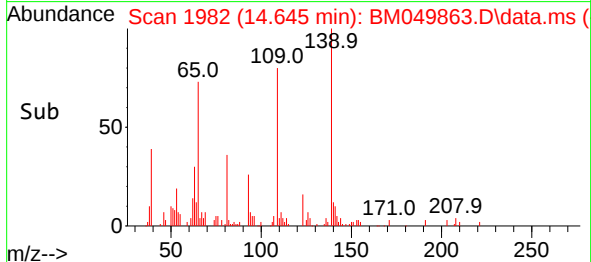
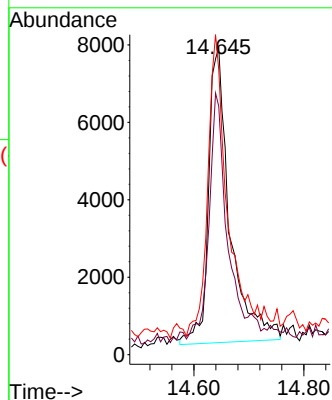
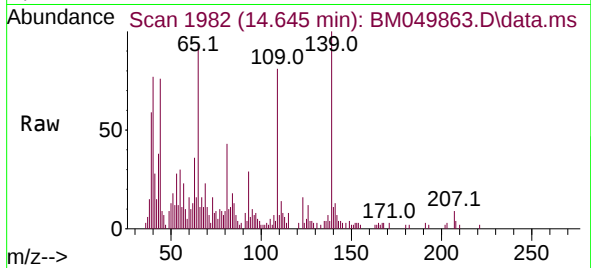




#56
4-Nitrophenol
Concen: 2.550 ng
RT: 14.645 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BM049863.D
Acq: 09 Apr 2025 11:50

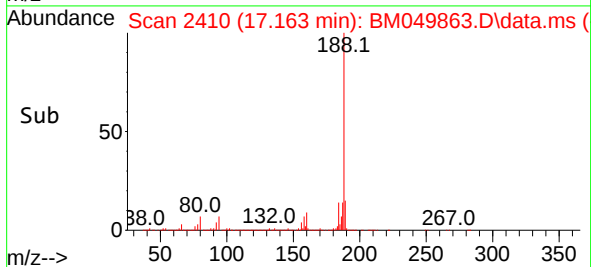
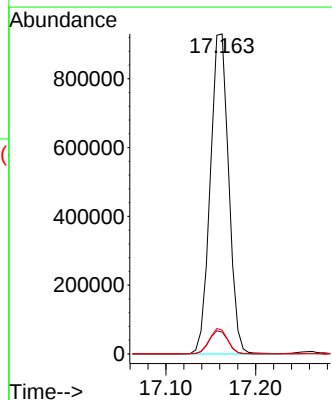
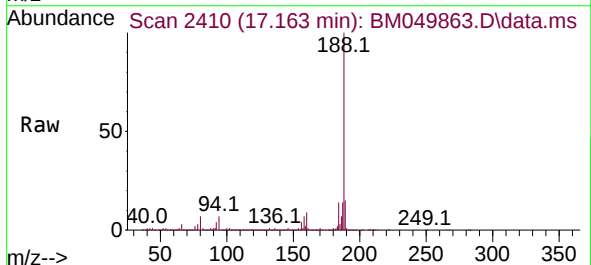
Instrument :
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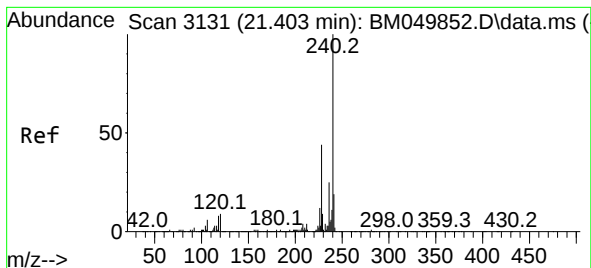
Tgt Ion:	139	Resp:	20670
Ion	Ratio	Lower	Upper
139	100		
109	80.8	47.9	87.9
65	92.7	62.7	102.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM049863.D
Acq: 09 Apr 2025 11:50

Tgt Ion:	188	Resp:	1324500
Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.8	8.6
80	7.4	6.4	9.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049863.D

Acq: 09 Apr 2025 11:50

Instrument :

BNA_M

ClientSampleId :

TP-20

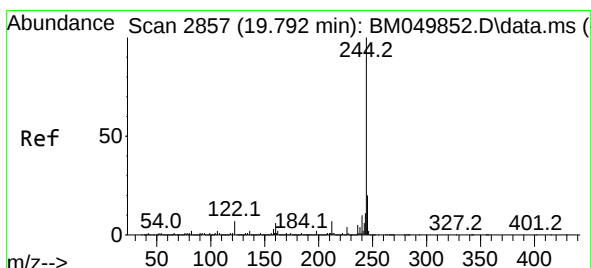
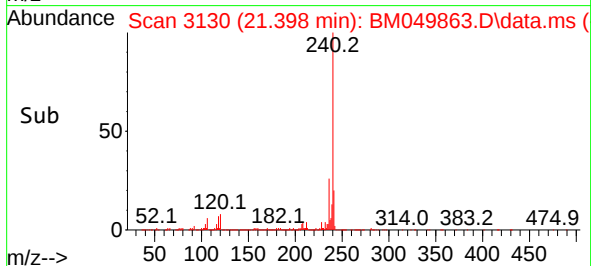
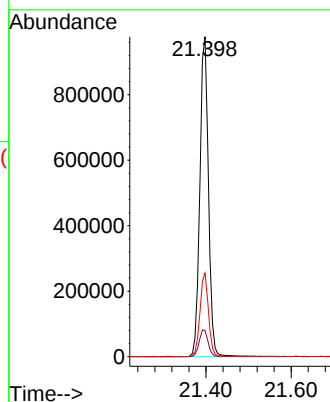
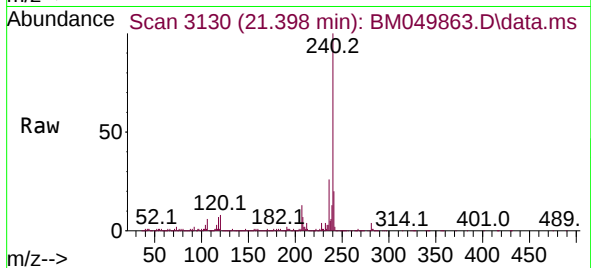
Tgt Ion:240 Resp: 1364425

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

236 26.1 20.4 30.6



#79

Terphenyl-d14

Concen: 58.832 ng

RT: 19.786 min Scan# 2856

Delta R.T. -0.006 min

Lab File: BM049863.D

Acq: 09 Apr 2025 11:50

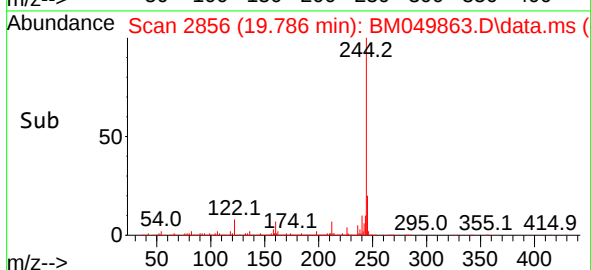
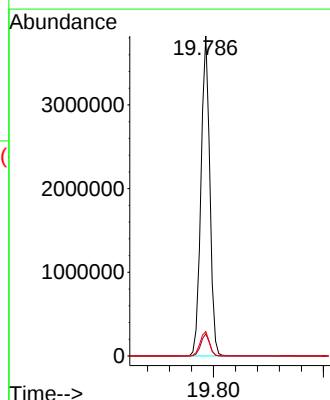
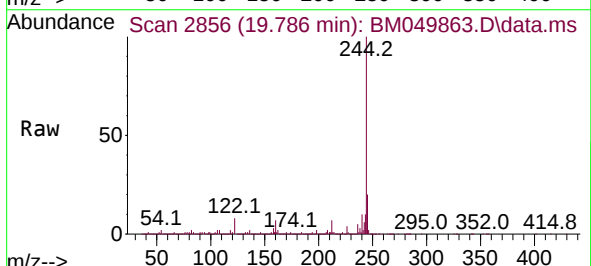
Tgt Ion:244 Resp: 4283343

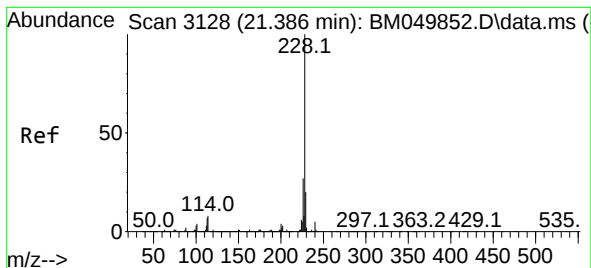
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 7.7 5.4 8.0





#81

Benzo(a)anthracene

Concen: 2.581 ng

RT: 21.380 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BM049863.D

Acq: 09 Apr 2025 11:50

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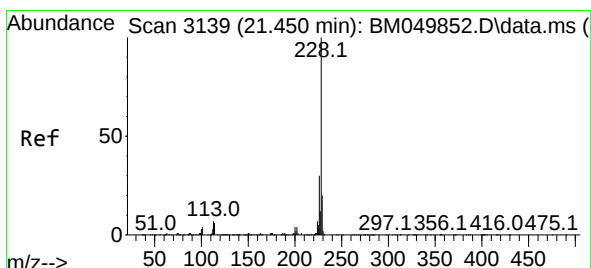
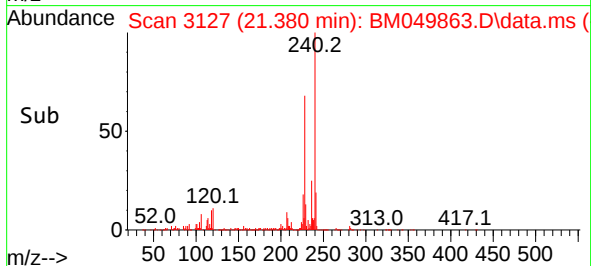
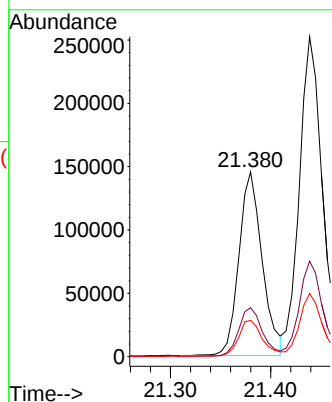
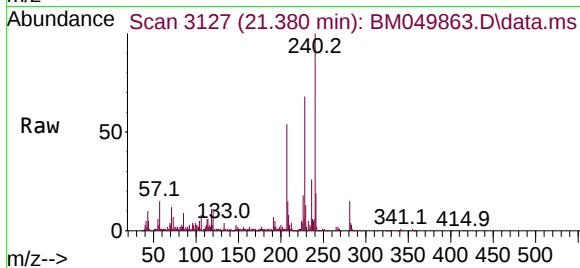
Tgt Ion:228 Resp: 234031

Ion Ratio Lower Upper

228 100

226 26.5 21.8 32.8

229 19.6 15.8 23.8



#83

Chrysene

Concen: 4.999 ng

RT: 21.439 min Scan# 3137

Delta R.T. -0.012 min

Lab File: BM049863.D

Acq: 09 Apr 2025 11:50

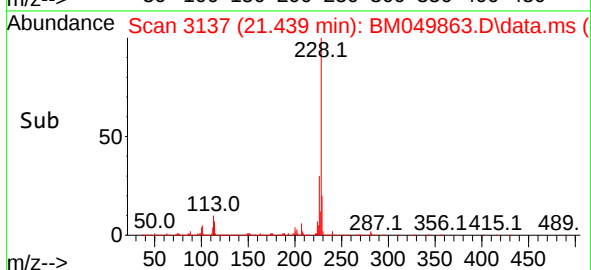
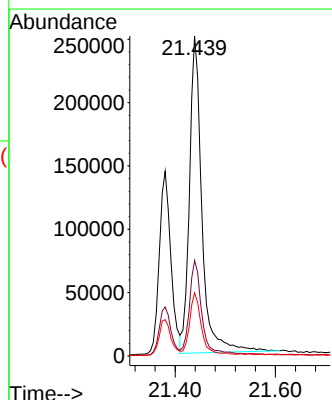
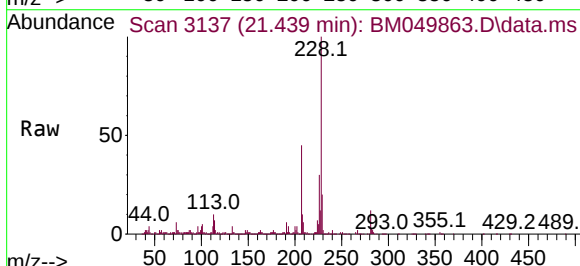
Tgt Ion:228 Resp: 430942

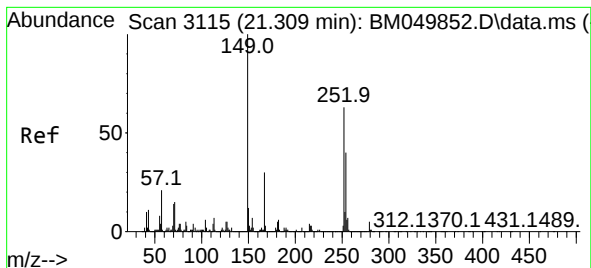
Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.7 15.8 23.6

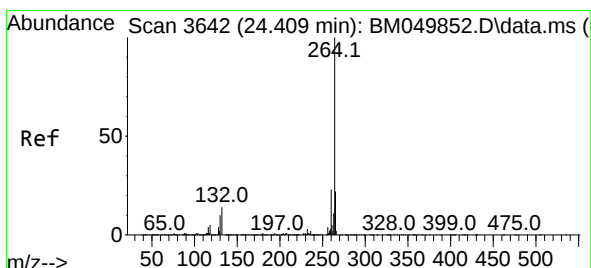
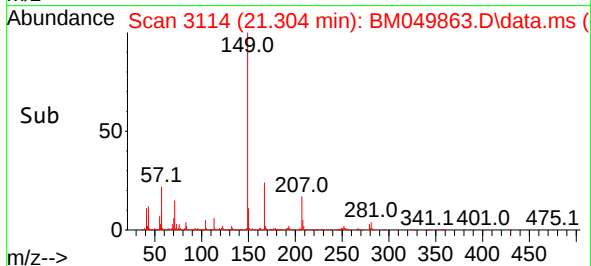
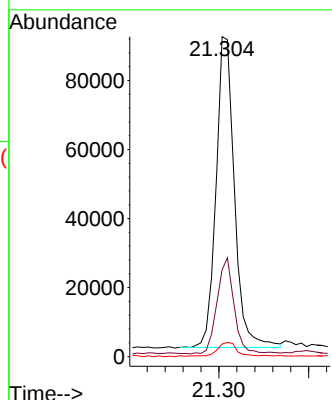
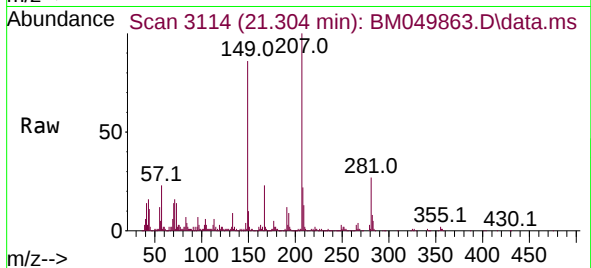




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.486 ng
RT: 21.304 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM049863.D
Acq: 09 Apr 2025 11:50

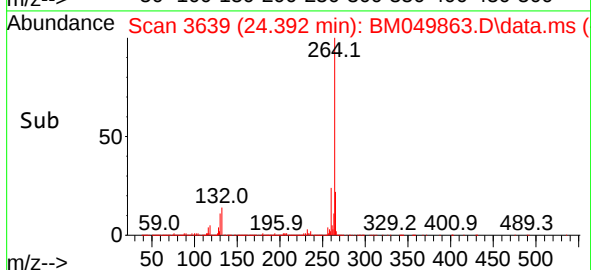
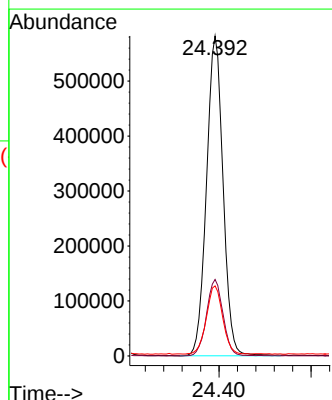
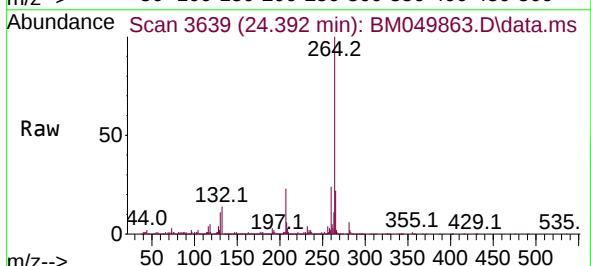
Instrument :
BNA_M
ClientSampleId :
TP-20

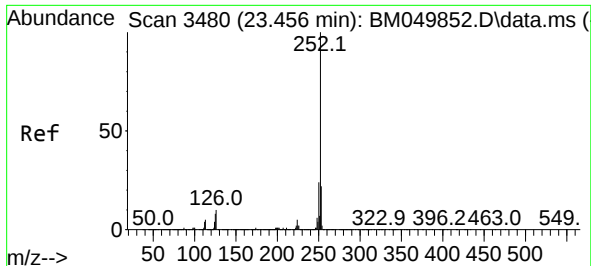
Tgt Ion:149 Resp: 127983
Ion Ratio Lower Upper
149 100
167 27.1 23.8 35.6
279 4.0 3.8 5.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.392 min Scan# 3639
Delta R.T. -0.017 min
Lab File: BM049863.D
Acq: 09 Apr 2025 11:50

Tgt Ion:264 Resp: 1455314
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 21.9 17.8 26.8

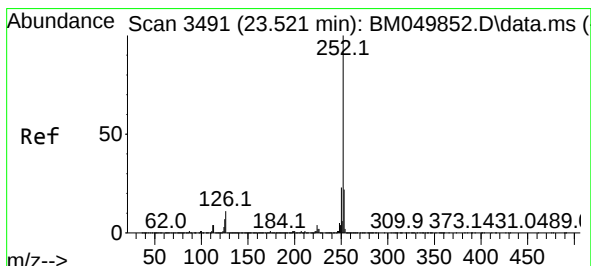
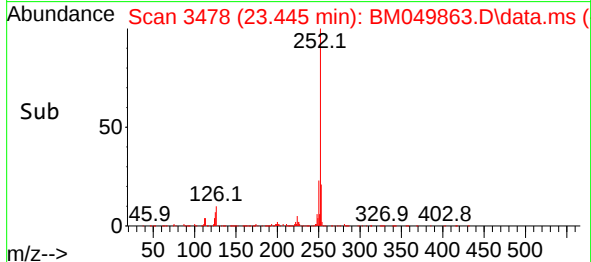
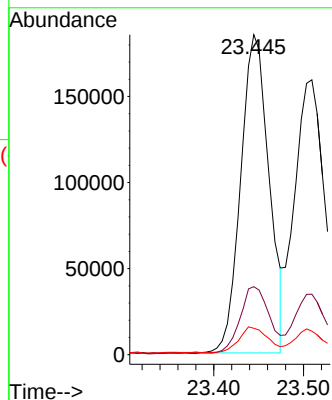
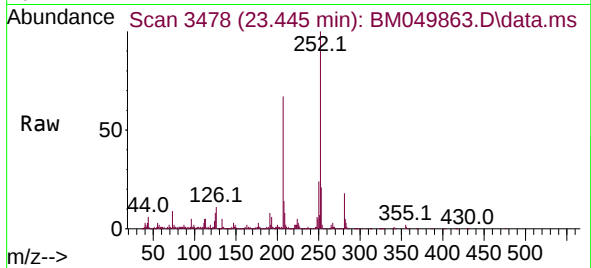




#88
Benzo(b)fluoranthene
Concen: 4.367 ng
RT: 23.445 min Scan# 3480
Delta R.T. -0.012 min
Lab File: BM049863.D
Acq: 09 Apr 2025 11:50

Instrument :
BNA_M
ClientSampleId :
TP-20

Tgt Ion:252 Resp: 405921
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 8.2 6.2 9.4



#89
Benzo(k)fluoranthene
Concen: 4.477 ng
RT: 23.509 min Scan# 3489
Delta R.T. -0.012 min
Lab File: BM049863.D
Acq: 09 Apr 2025 11:50

Tgt Ion:252 Resp: 403245
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.6 5.8 8.8

