

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142345.D
 Acq On : 13 May 2025 15:45
 Operator : RC/JU
 Sample : Q2002-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-05092025

Quant Time: May 13 16:36:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

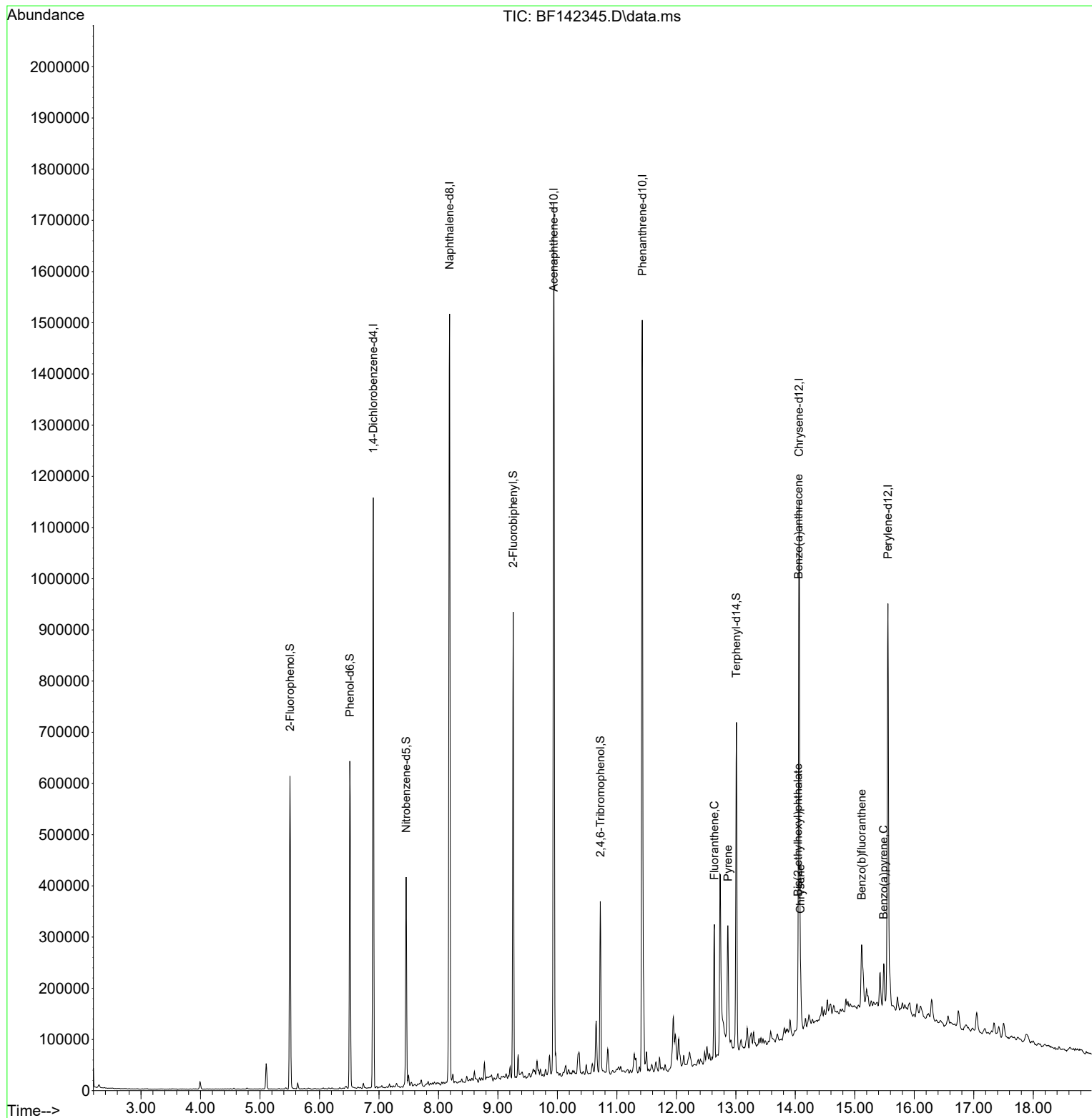
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	246113	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	947849	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	500202	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	767731	20.000	ng	0.00
76) Chrysene-d12	14.062	240	463809	20.000	ng	0.00
86) Perylene-d12	15.557	264	459871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	221875	15.390	ng	0.00
7) Phenol-d6	6.510	99	278330	15.696	ng	-0.01
23) Nitrobenzene-d5	7.457	82	156914	10.096	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	53661	11.111	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	392991	11.203	ng	0.00
79) Terphenyl-d14	13.010	244	303133	9.674	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.639	202	155311	3.861	ng	99
78) Pyrene	12.868	202	139113	3.370	ng	98
81) Benzo(a)anthracene	14.057	228	64458	2.146	ng	94
83) Chrysene	14.086	228	64544m	2.308	ng	
84) Bis(2-ethylhexyl)phtha...	14.045	149	14831	5.099	ng	# 99
88) Benzo(b)fluoranthene	15.115	252	80939m	2.906	ng	
90) Benzo(a)pyrene	15.486	252	53653	2.150	ng	# 95

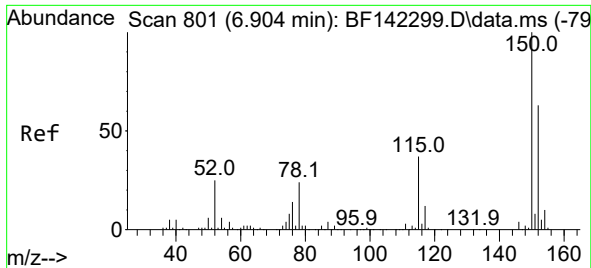
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
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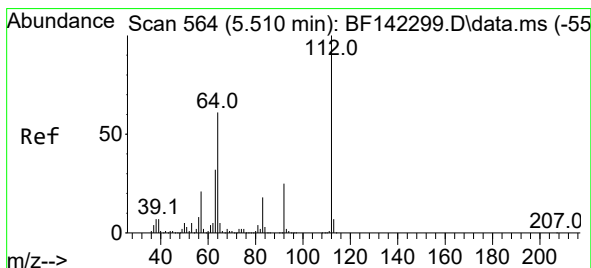
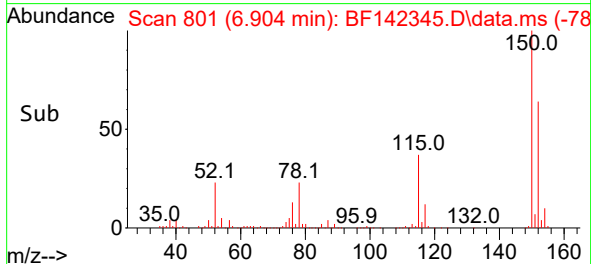
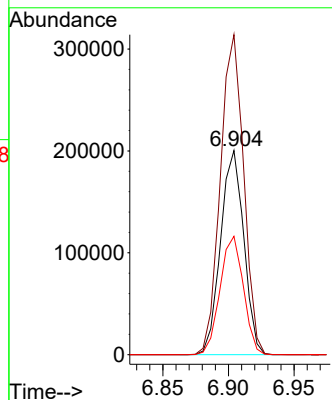
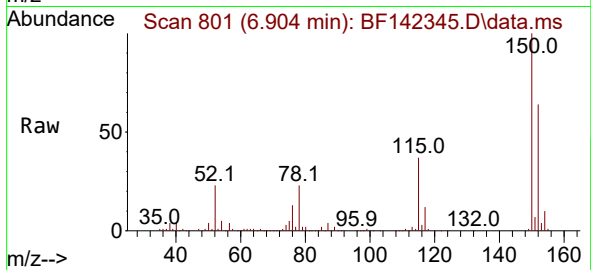




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142345.D
 Acq: 13 May 2025 15:45

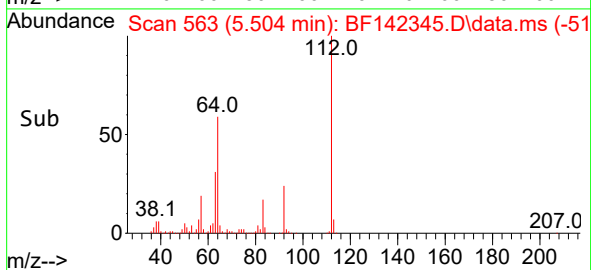
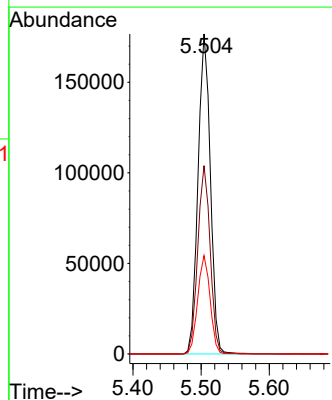
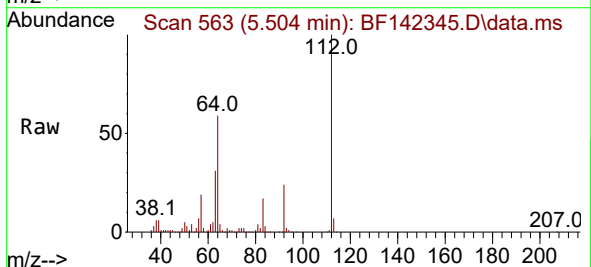
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-05092025

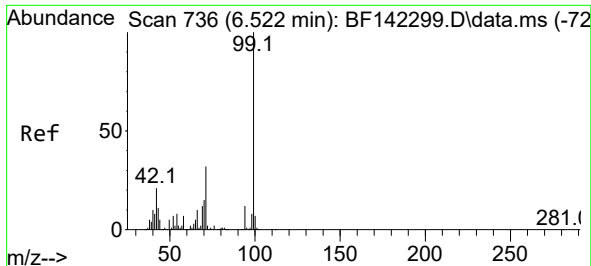
Tgt Ion:152 Resp: 246113
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.6 190.0
 115 57.9 47.3 70.9



#5
 2-Fluorophenol
 Concen: 15.390 ng
 RT: 5.504 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF142345.D
 Acq: 13 May 2025 15:45

Tgt Ion:112 Resp: 221875
 Ion Ratio Lower Upper
 112 100
 64 58.8 48.9 73.3
 63 30.7 25.6 38.4

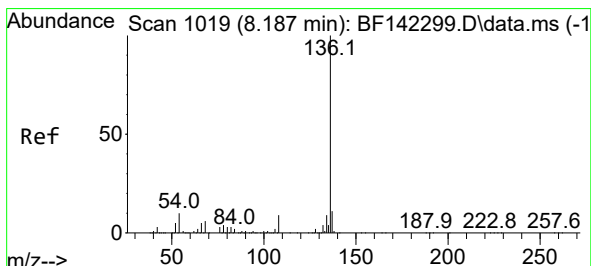
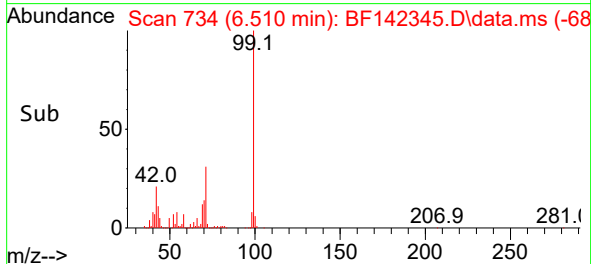
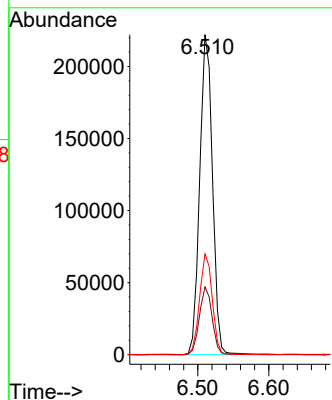
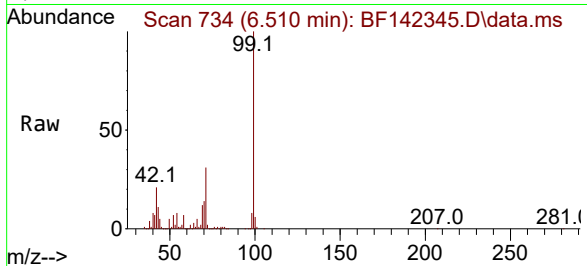




#7
Phenol-d6
Concen: 15.696 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142345.D
Acq: 13 May 2025 15:45

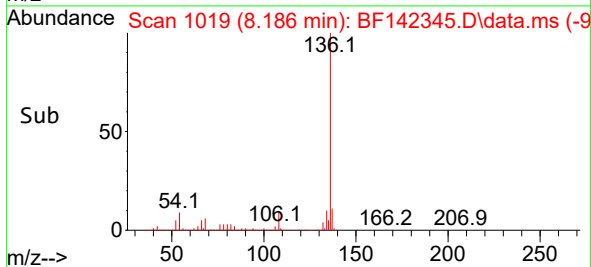
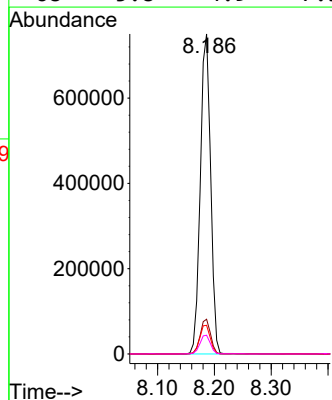
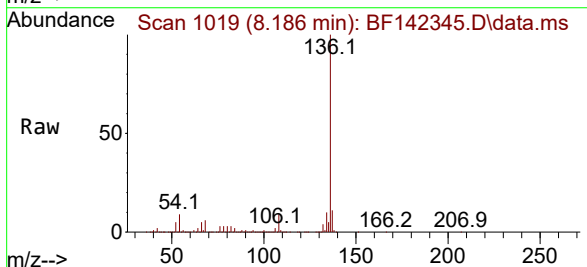
Instrument :
BNA_F
ClientSampleId :
EO-02-05092025

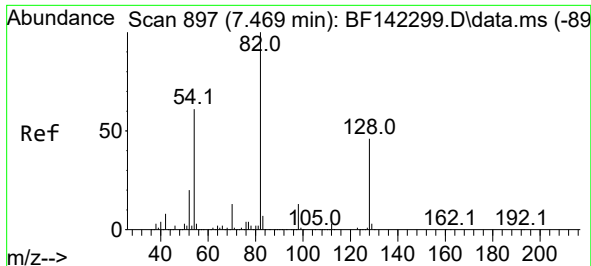
Tgt Ion: 99 Resp: 278330
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.4
71 31.4 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142345.D
Acq: 13 May 2025 15:45

Tgt Ion: 136 Resp: 947849
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.0 7.7 11.5
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 10.096 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142345.D

Acq: 13 May 2025 15:45

Instrument :

BNA_F

ClientSampleId :

EO-02-05092025

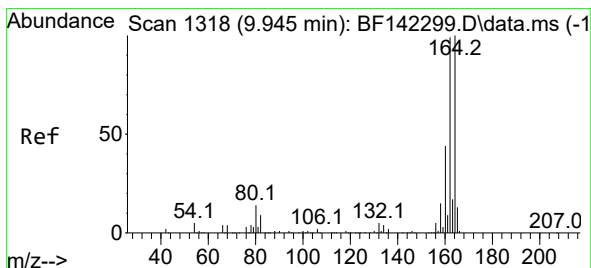
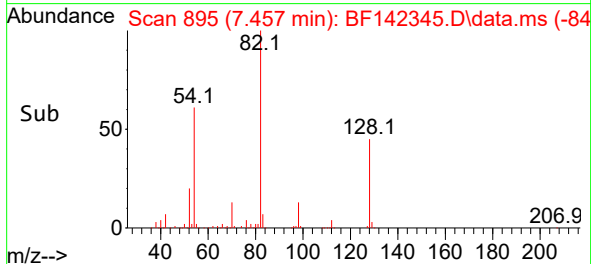
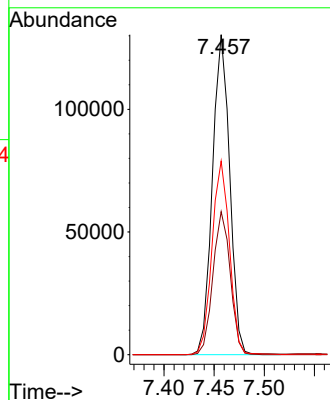
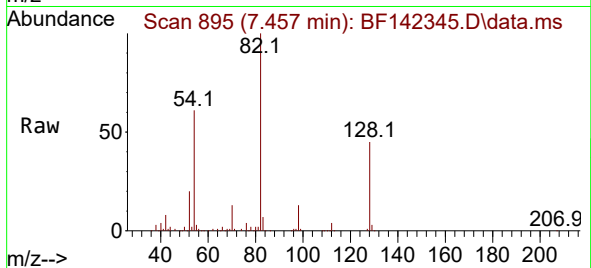
Tgt Ion: 82 Resp: 156914

Ion Ratio Lower Upper

82 100

128 44.7 37.0 55.6

54 60.5 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142345.D

Acq: 13 May 2025 15:45

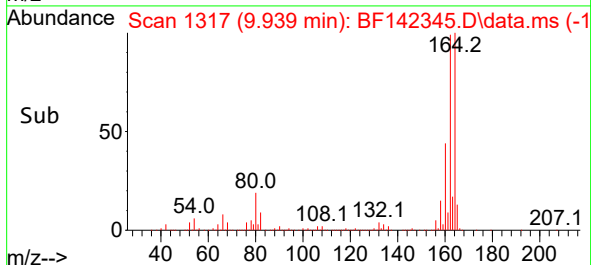
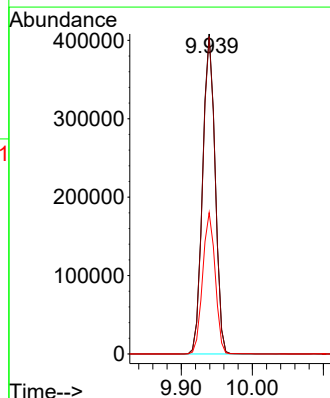
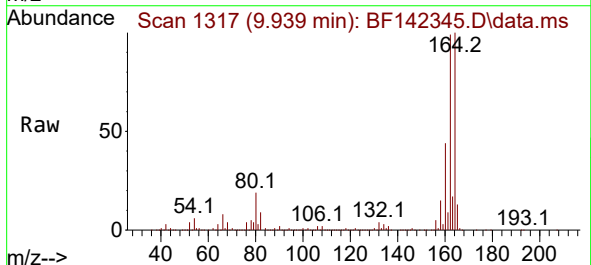
Tgt Ion:164 Resp: 500202

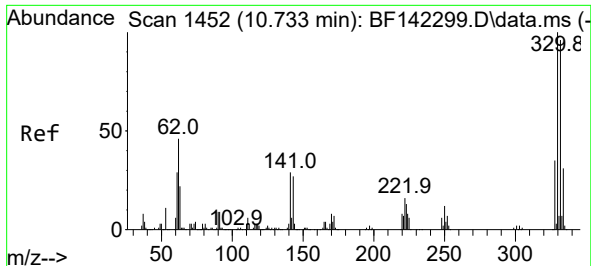
Ion Ratio Lower Upper

164 100

162 99.2 79.2 118.8

160 44.2 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 11.111 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF142345.D

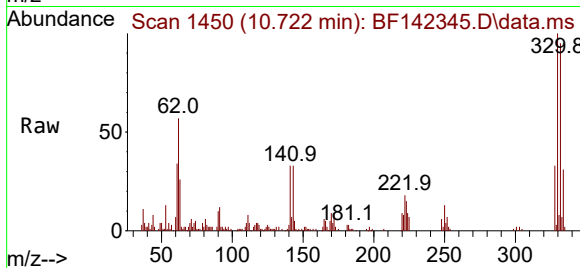
Acq: 13 May 2025 15:45

Instrument :

BNA_F

ClientSampleId :

EO-02-05092025



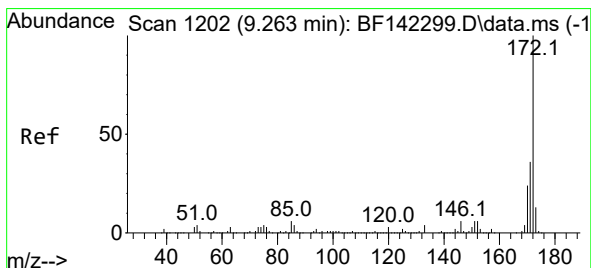
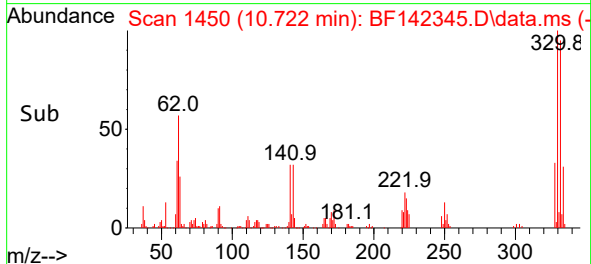
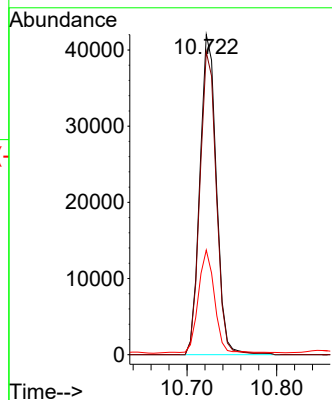
Tgt Ion:330 Resp: 53661

Ion Ratio Lower Upper

330 100

332 94.3 76.8 115.2

141 32.3 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 11.203 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142345.D

Acq: 13 May 2025 15:45

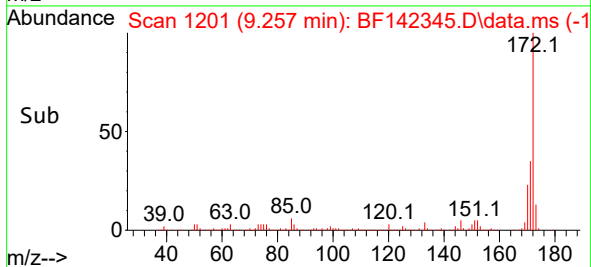
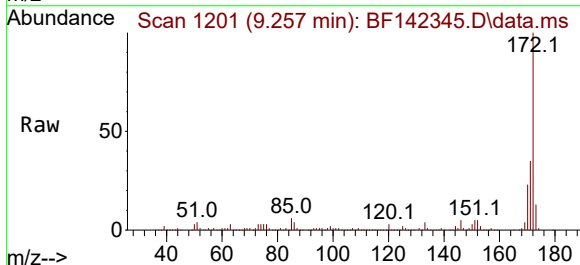
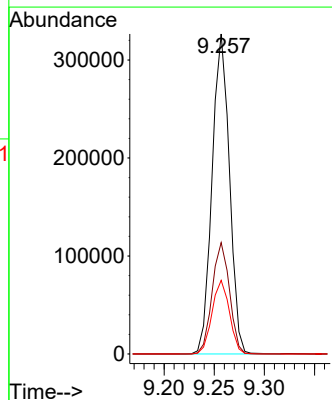
Tgt Ion:172 Resp: 392991

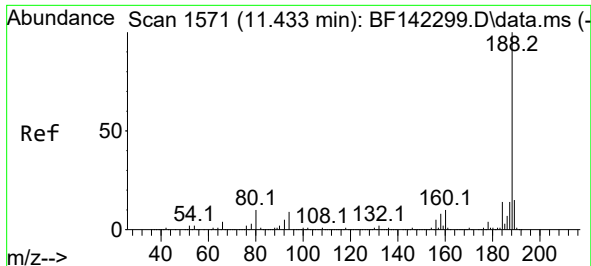
Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.0 19.0 28.4

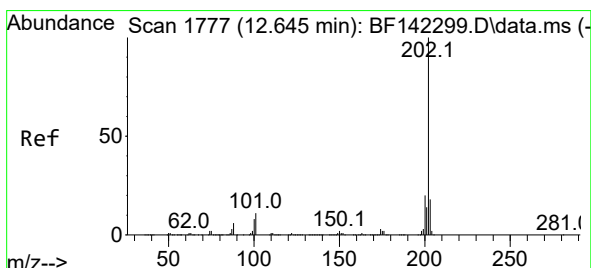
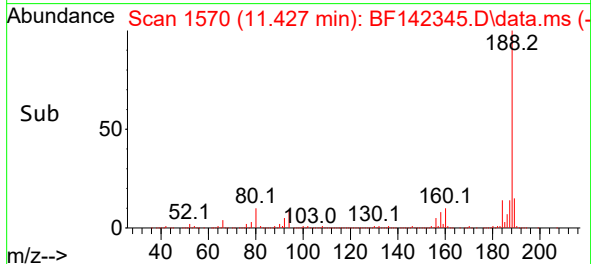
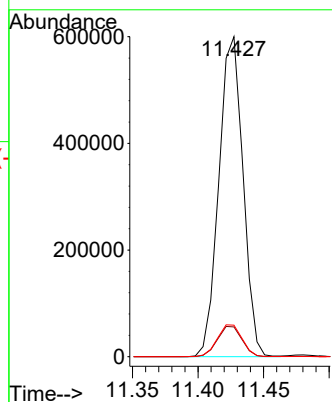
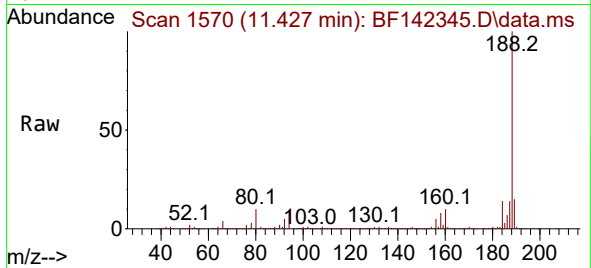




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142345.D
Acq: 13 May 2025 15:45

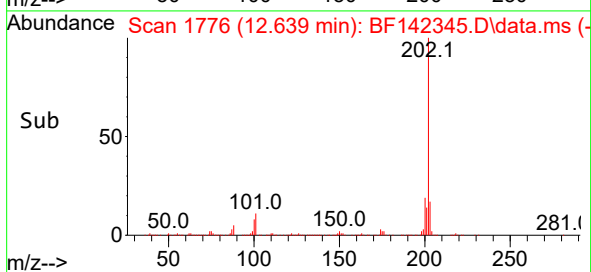
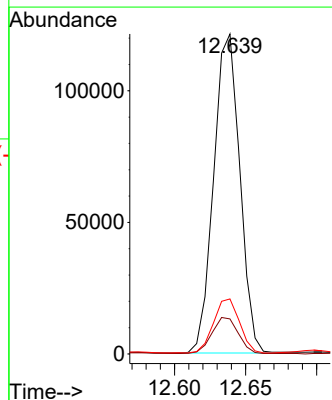
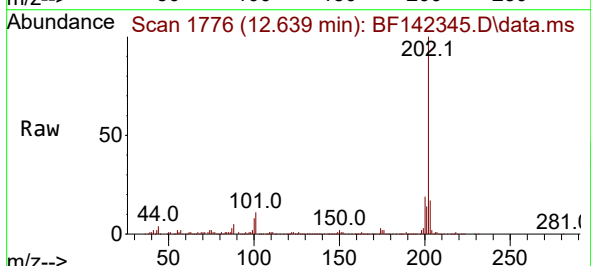
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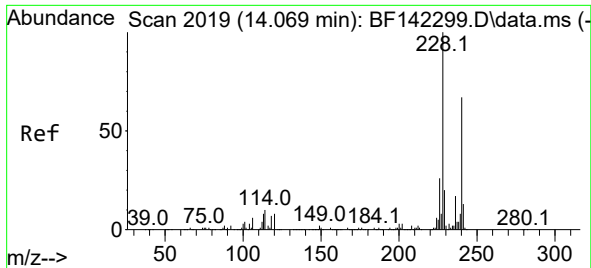
Tgt Ion:188 Resp: 767731
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.8 7.9 11.9



#75
Fluoranthene
Concen: 3.861 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142345.D
Acq: 13 May 2025 15:45

Tgt Ion:202 Resp: 155311
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.4
203 17.2 0.0 37.9

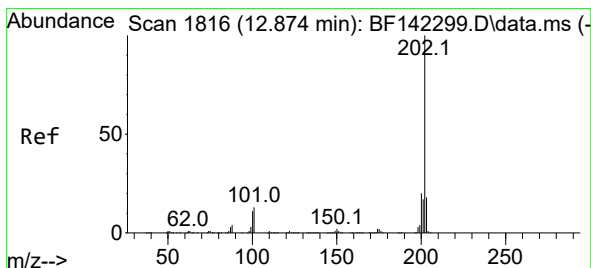
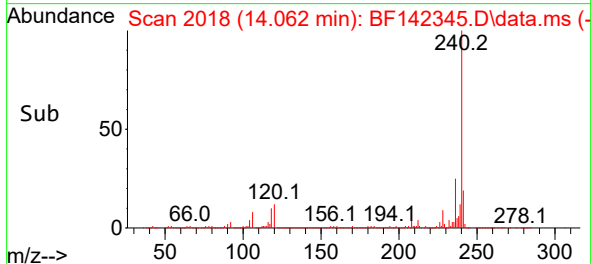
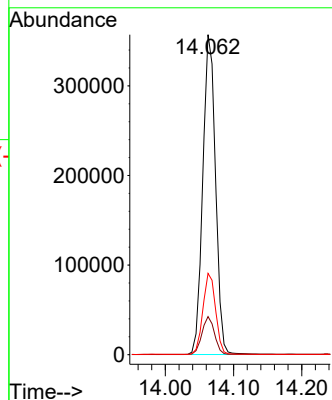
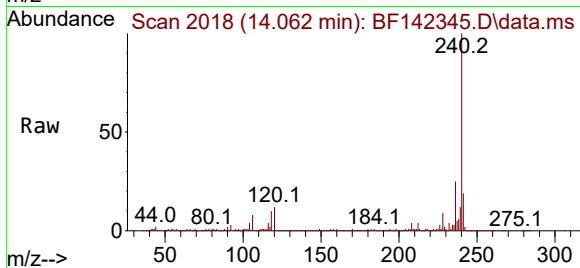




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142345.D
Acq: 13 May 2025 15:45

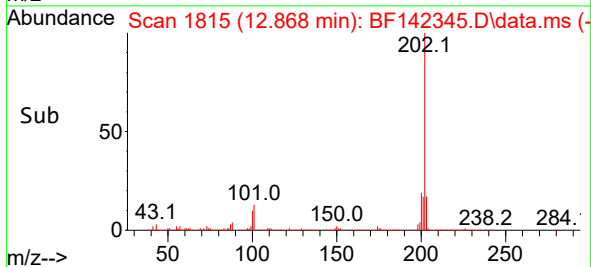
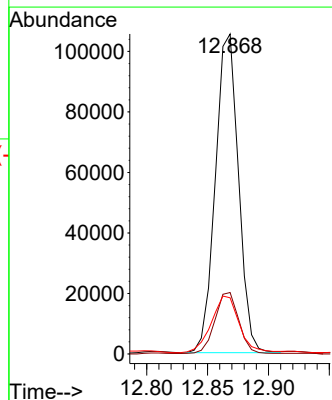
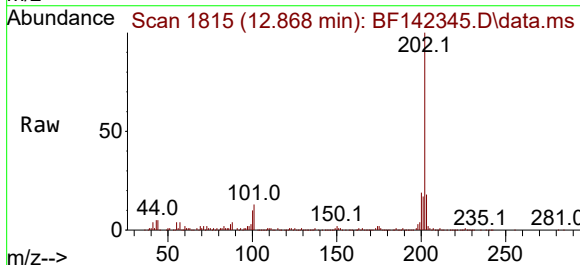
Instrument :
BNA_F
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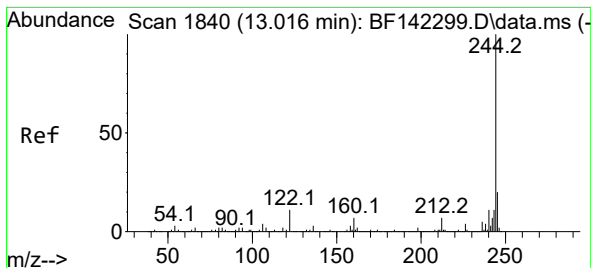
Tgt Ion:240 Resp: 463809
Ion Ratio Lower Upper
240 100
120 11.9 9.7 14.5
236 25.4 20.0 30.0



#78
Pyrene
Concen: 3.370 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142345.D
Acq: 13 May 2025 15:45

Tgt Ion:202 Resp: 139113
Ion Ratio Lower Upper
202 100
200 19.2 16.2 24.4
203 17.6 14.3 21.5





#79

Terphenyl-d14

Concen: 9.674 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142345.D

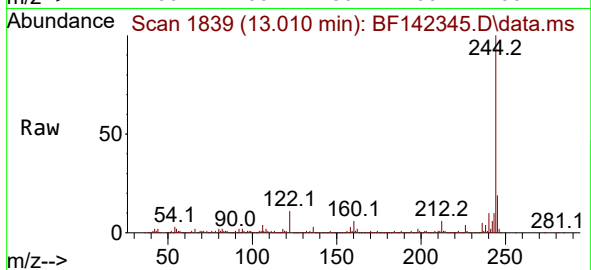
Acq: 13 May 2025 15:45

Instrument :

BNA_F

ClientSampleId :

EO-02-05092025



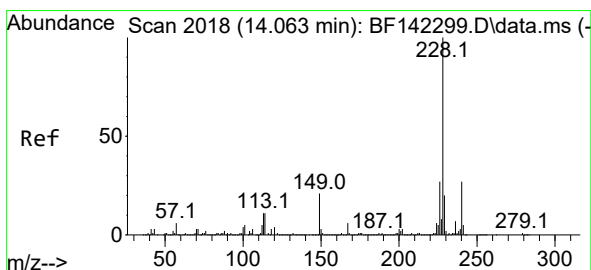
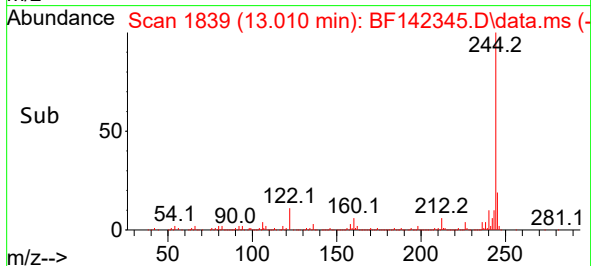
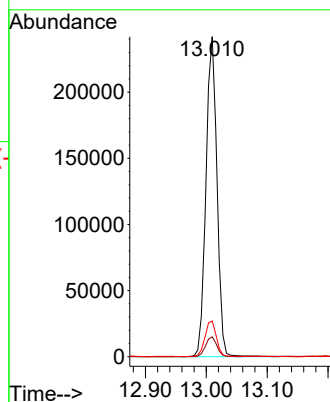
Tgt Ion:244 Resp: 303133

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.2

122 11.2 9.0 13.4



#81

Benzo(a)anthracene

Concen: 2.146 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142345.D

Acq: 13 May 2025 15:45

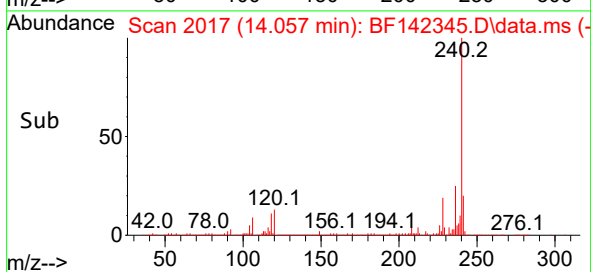
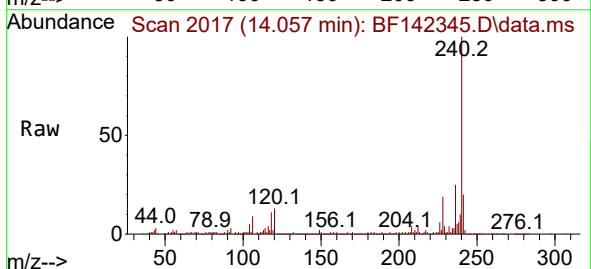
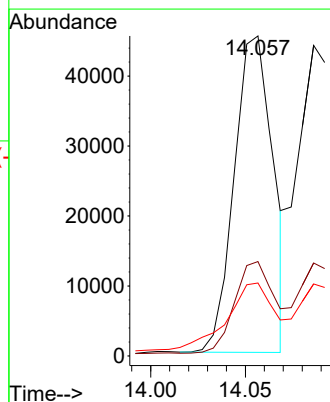
Tgt Ion:228 Resp: 64458

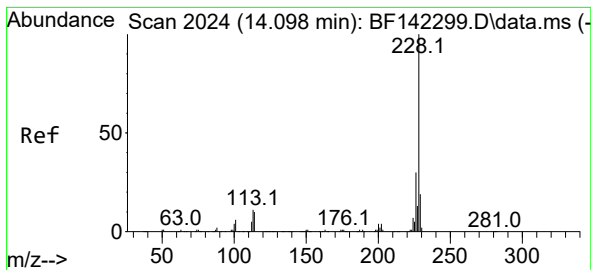
Ion Ratio Lower Upper

228 100

226 29.5 21.5 32.3

229 22.8 15.9 23.9





#83

Chrysene

Concen: 2.308 ng m

RT: 14.086 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142345.D

Acq: 13 May 2025 15:45

Instrument :

BNA_F

ClientSampleId :

EO-02-05092025

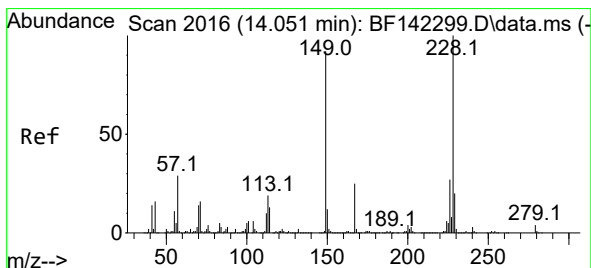
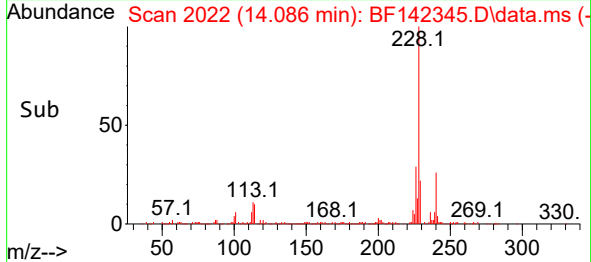
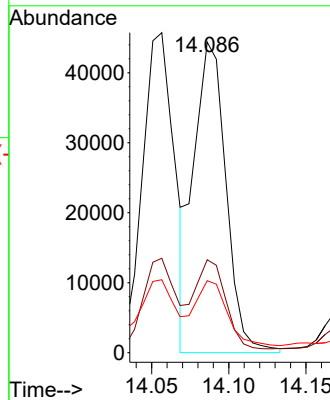
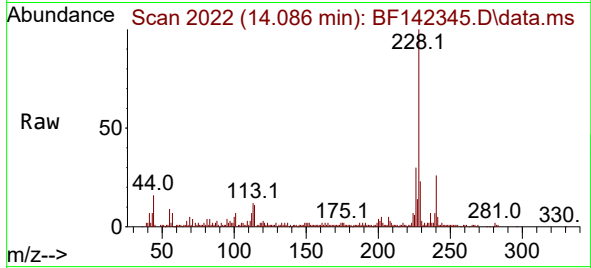
Tgt Ion:228 Resp: 64544

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 23.2 15.4 23.2#



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.099 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142345.D

Acq: 13 May 2025 15:45

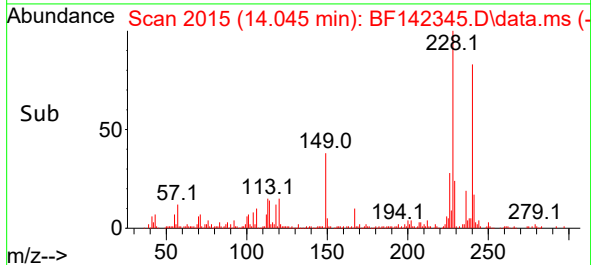
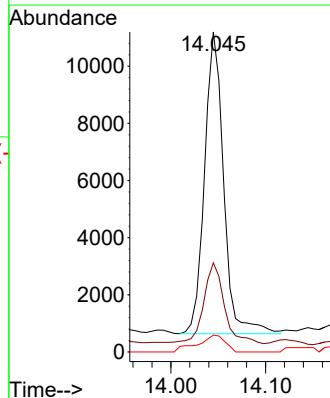
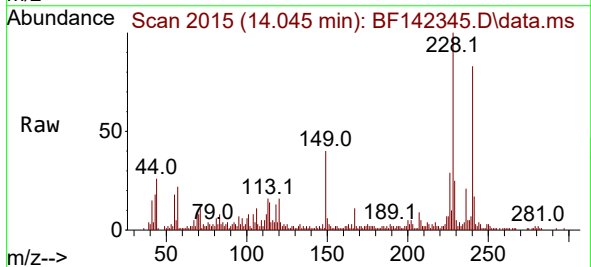
Tgt Ion:149 Resp: 14831

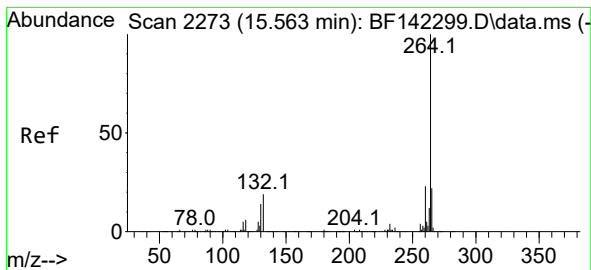
Ion Ratio Lower Upper

149 100

167 27.8 22.0 33.0

279 5.2 3.0 4.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142345.D

Acq: 13 May 2025 15:45

Instrument :

BNA_F

ClientSampleId :

EO-02-05092025

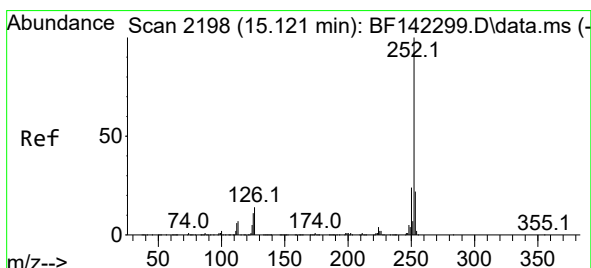
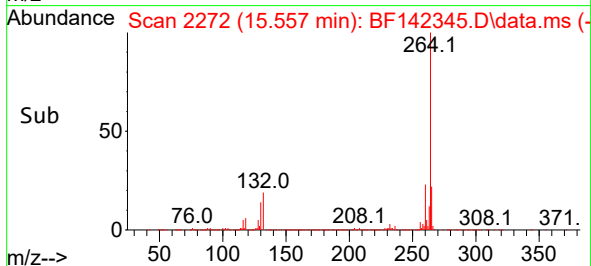
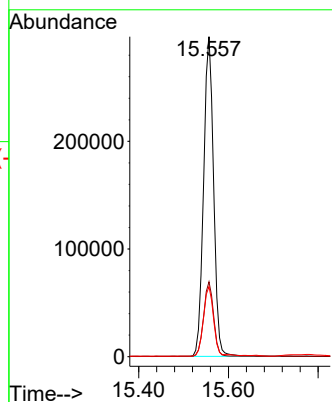
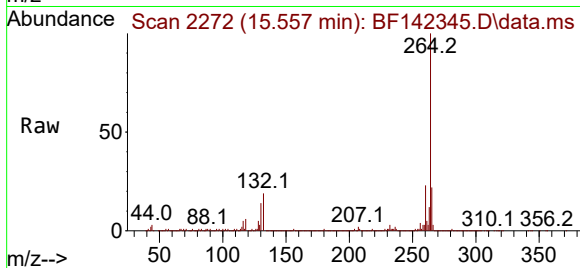
Tgt Ion:264 Resp: 459871

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.9 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 2.906 ng m

RT: 15.115 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF142345.D

Acq: 13 May 2025 15:45

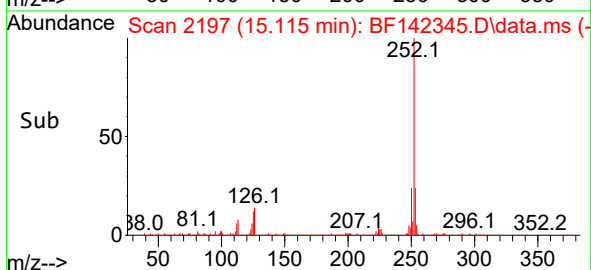
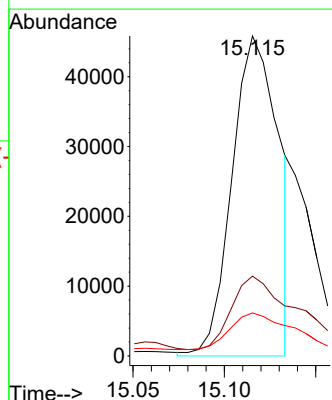
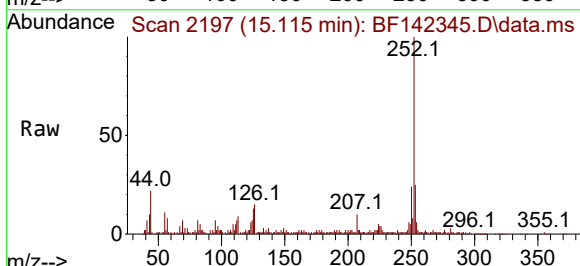
Tgt Ion:252 Resp: 80939

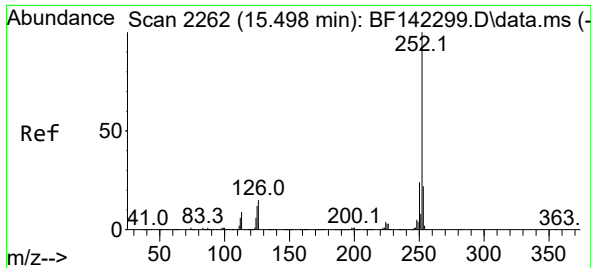
Ion Ratio Lower Upper

252 100

253 25.0 17.7 26.5

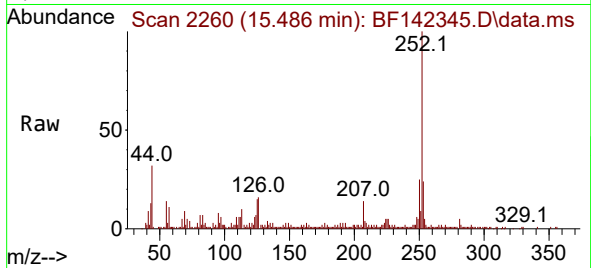
125 13.4 8.7 13.1#





#90
 Benzo(a)pyrene
 Concen: 2.150 ng
 RT: 15.486 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142345.D
 Acq: 13 May 2025 15:45

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-05092025



Tgt Ion:252 Resp: 53653
 Ion Ratio Lower Upper
 252 100
 253 24.2 17.8 26.6
 125 14.6 9.4 14.0#

