

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142442.D
 Acq On : 19 May 2025 10:38
 Operator : RC/JU
 Sample : PB168017BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168017BL

Quant Time: May 19 11:54:41 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	150098	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	566561	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	308083	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	540654	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	355225	20.000	ng	0.00
86) Perylene-d12	15.557	264	284185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1086971	123.622	ng	0.02
7) Phenol-d6	6.528	99	1303101	120.498	ng	0.00
23) Nitrobenzene-d5	7.463	82	810309	87.225	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	434689	146.139	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1658235	76.747	ng	0.00
79) Terphenyl-d14	13.016	244	1776122	74.005	ng	0.00

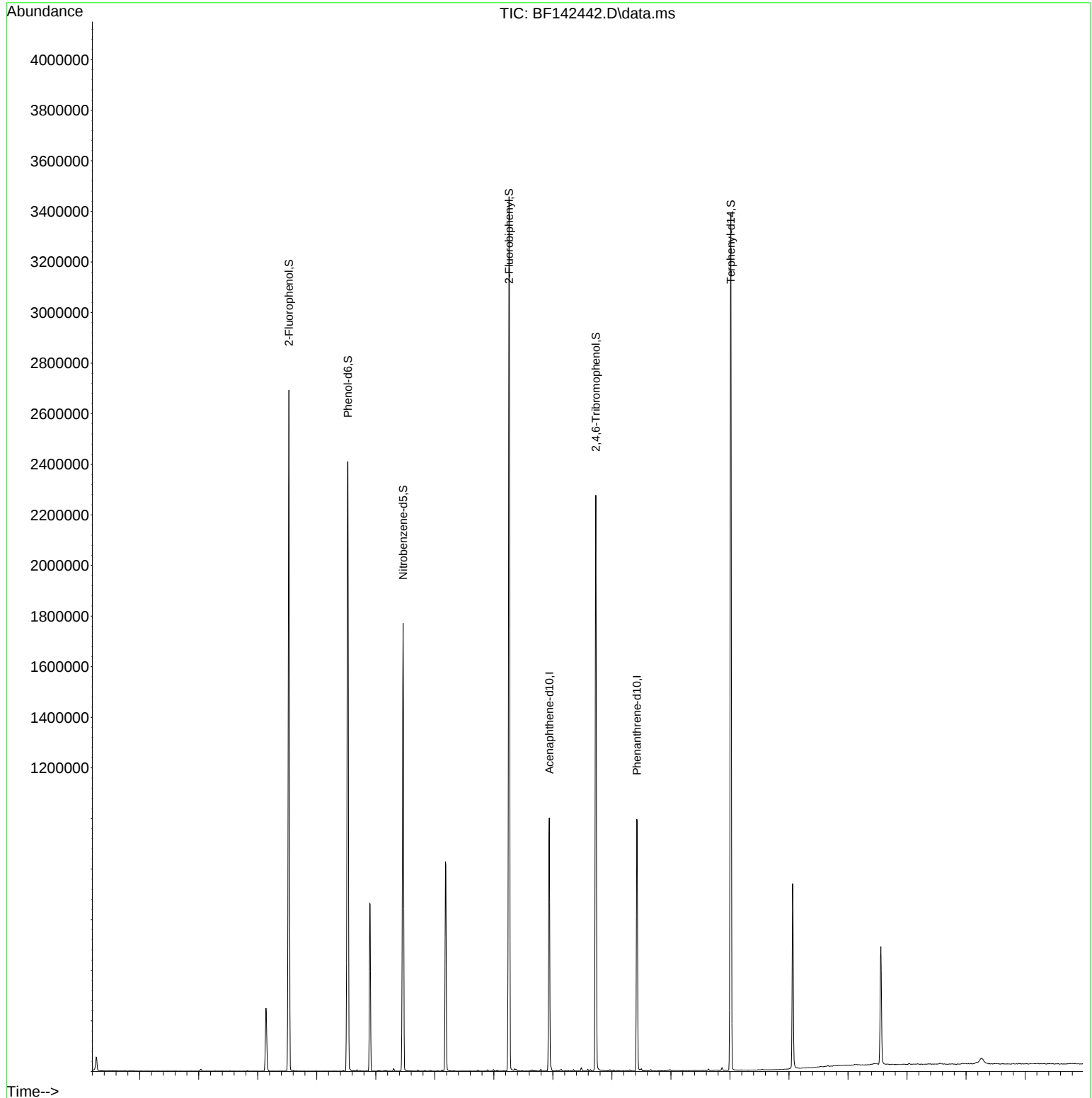
Target Compounds Qvalue

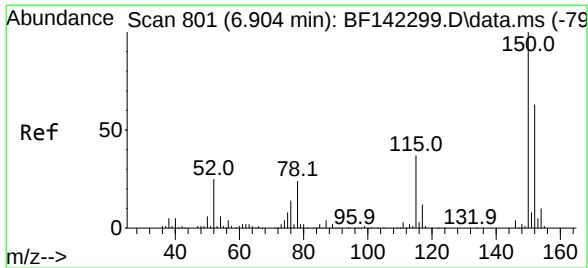
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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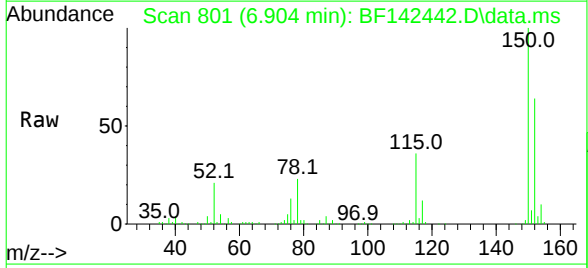
Quant Time: May 19 11:54:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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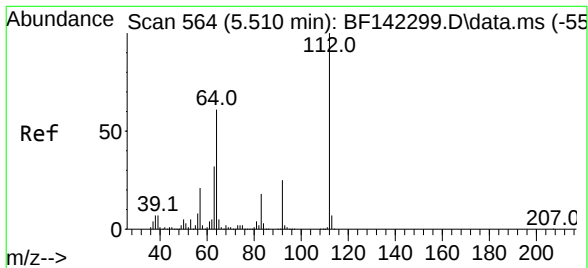
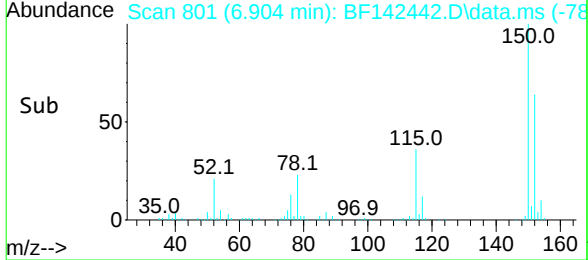
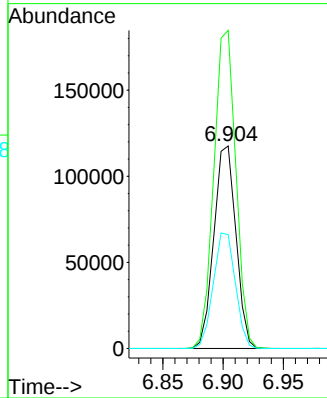


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142442.D
Acq: 19 May 2025 10:38

Instrument :
BNA_F
ClientSampleId :
PB168017BL

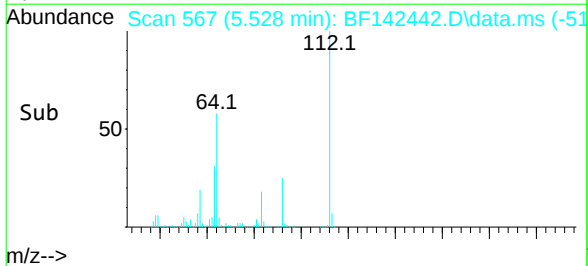
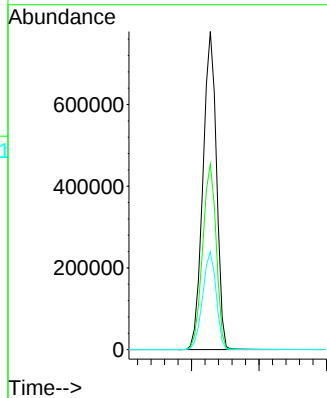
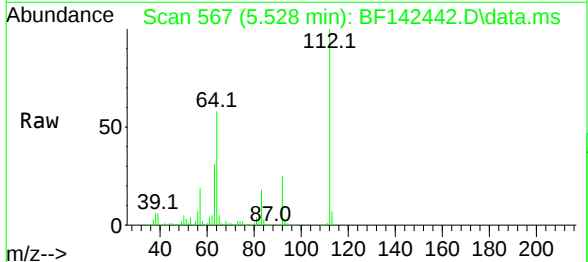


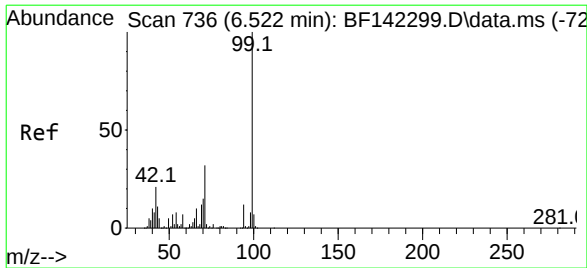
Tgt Ion:152 Resp: 150098
Ion Ratio Lower Upper
152 100
150 157.1 126.6 190.0
115 56.3 47.3 70.9



#5
2-Fluorophenol
Concen: 123.622 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142442.D
Acq: 19 May 2025 10:38

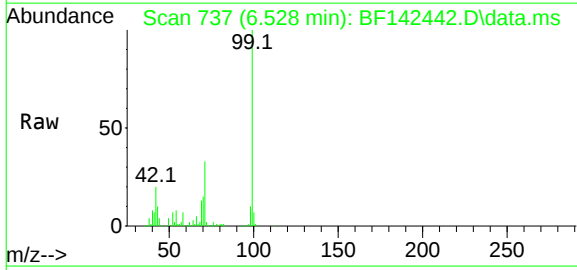
Tgt Ion:112 Resp: 1086971
Ion Ratio Lower Upper
112 100
64 58.3 48.9 73.3
63 30.8 25.6 38.4



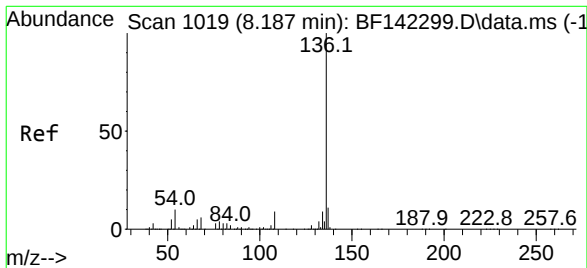
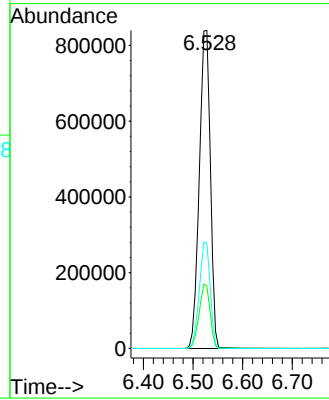
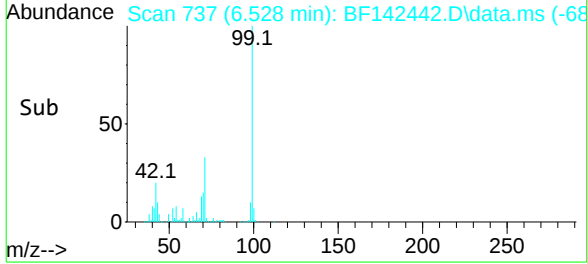


#7
Phenol-d6
Concen: 120.498 ng
RT: 6.528 min Scan# 73
Delta R.T. 0.006 min
Lab File: BF142442.D
Acq: 19 May 2025 10:38

Instrument :
BNA_F
ClientSampleId :
PB168017BL

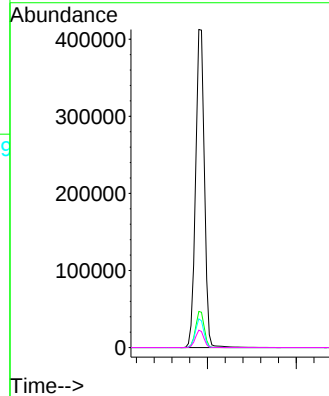
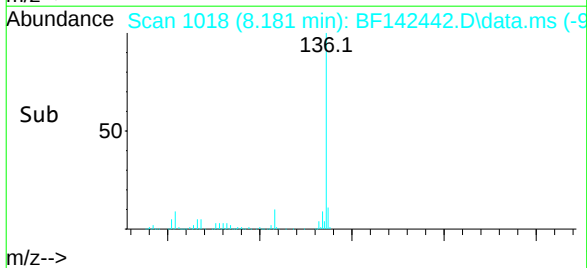
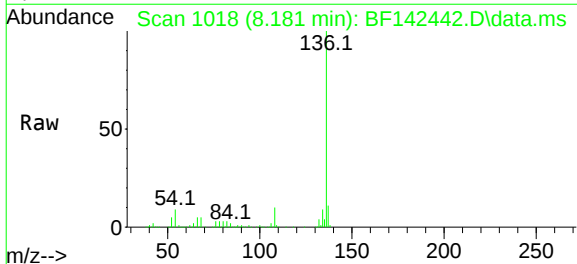


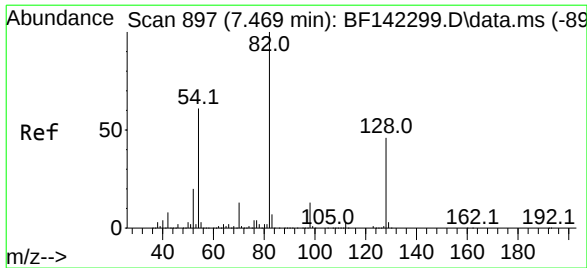
Tgt Ion: 99 Resp: 1303101
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.4
71 33.1 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142442.D
Acq: 19 May 2025 10:38

Tgt Ion: 136 Resp: 566561
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 9.0 7.7 11.5
68 5.5 4.9 7.3

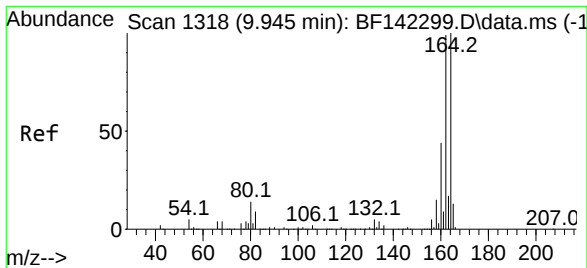
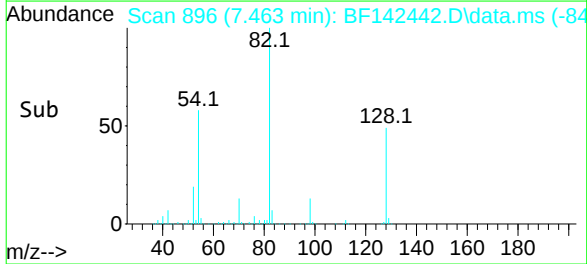
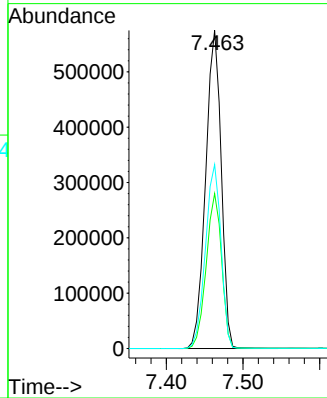
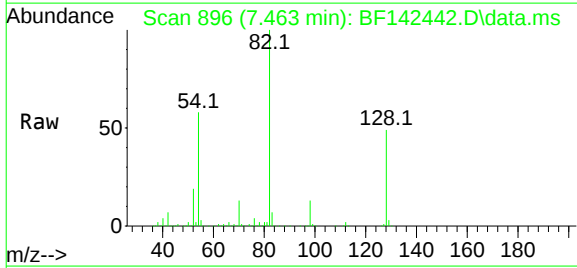




#23
 Nitrobenzene-d5
 Concen: 87.225 ng
 RT: 7.463 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BF142442.D
 Acq: 19 May 2025 10:38

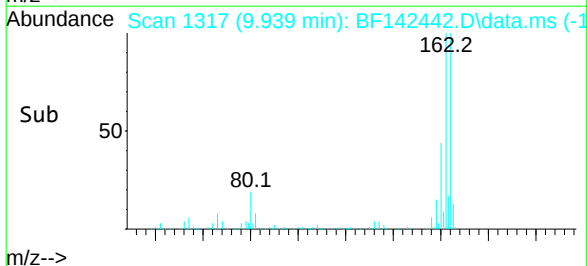
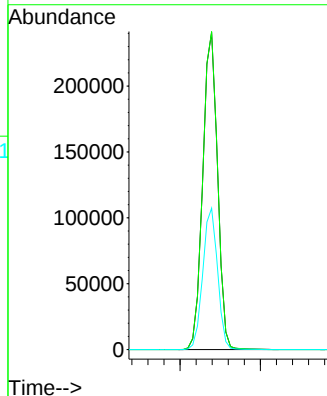
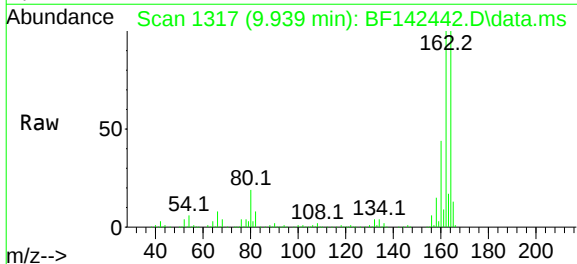
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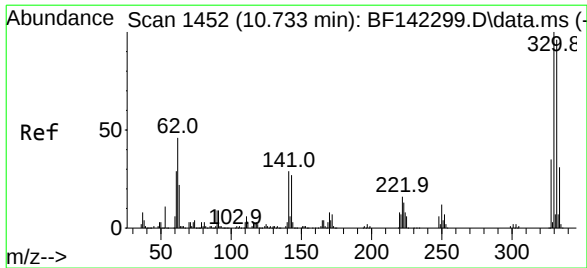
Tgt Ion: 82 Resp: 810309
 Ion Ratio Lower Upper
 82 100
 128 48.7 37.0 55.6
 54 57.8 48.6 73.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.939 min Scan# 1317
 Delta R.T. -0.006 min
 Lab File: BF142442.D
 Acq: 19 May 2025 10:38

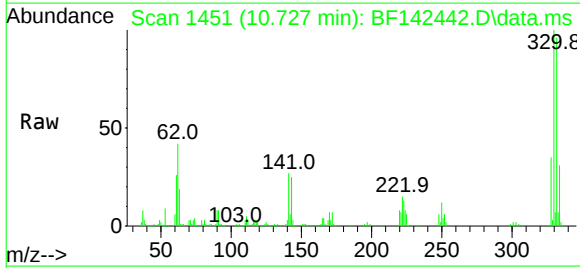
Tgt Ion: 164 Resp: 308083
 Ion Ratio Lower Upper
 164 100
 162 100.3 79.2 118.8
 160 44.6 35.3 52.9



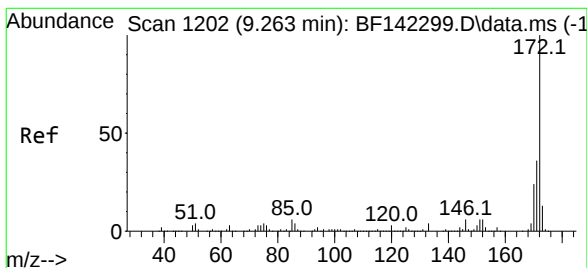
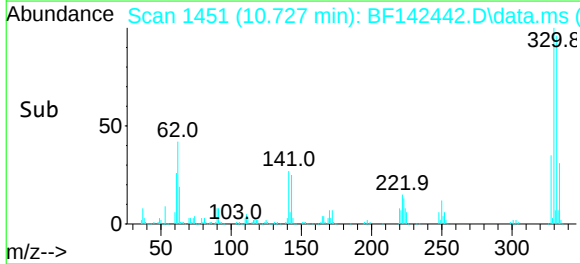
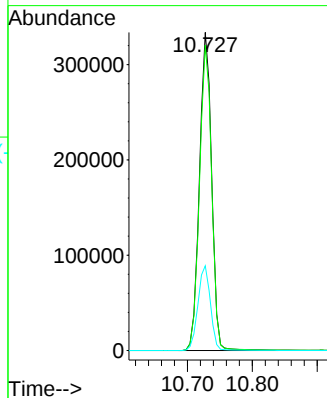


#42
2,4,6-Tribromophenol
Concen: 146.139 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142442.D
Acq: 19 May 2025 10:38

Instrument :
BNA_F
ClientSampleId :
PB168017BL

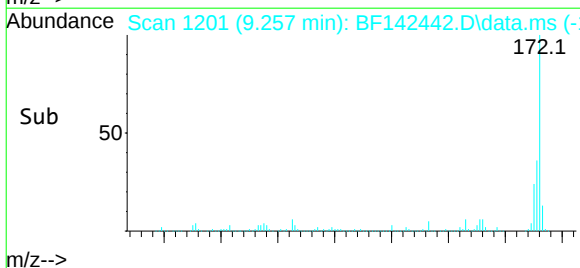
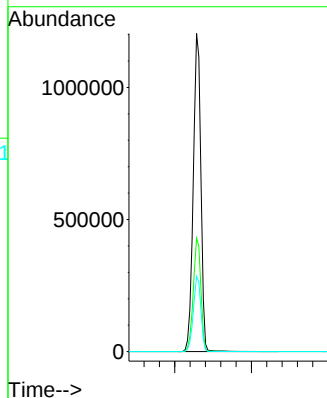
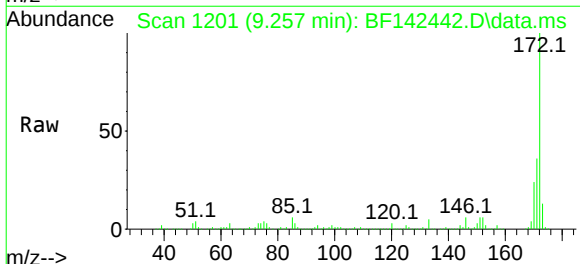


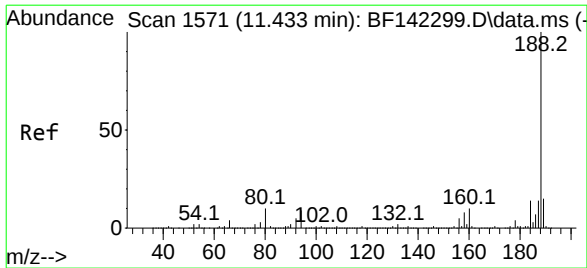
Tgt Ion: 330 Resp: 434689
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 27.5 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 76.747 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142442.D
Acq: 19 May 2025 10:38

Tgt Ion: 172 Resp: 1658235
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 15

Delta R.T. -0.012 min

Lab File: BF142442.D

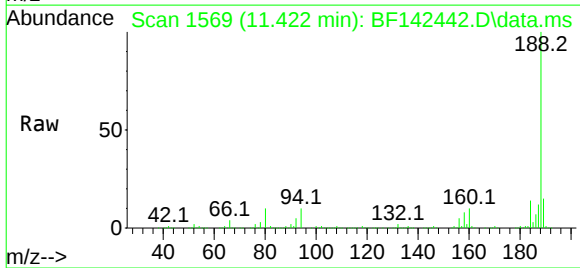
Acq: 19 May 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB168017BL



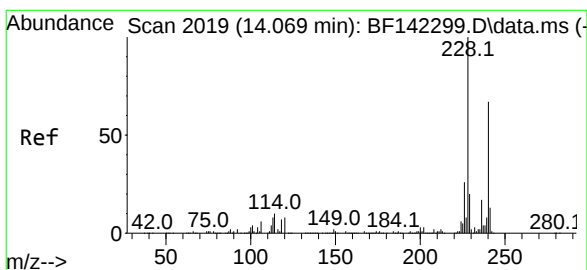
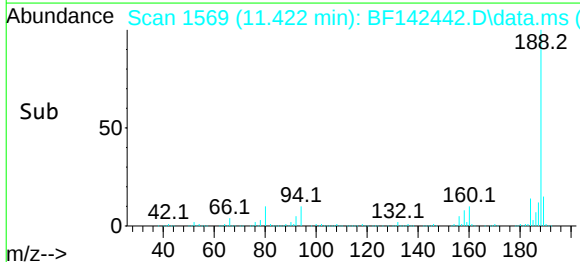
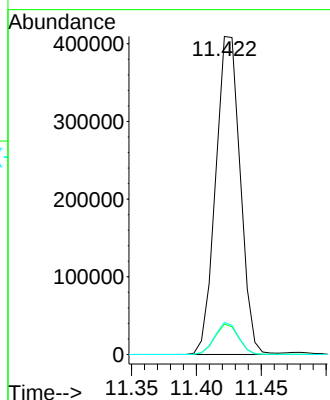
Tgt Ion:188 Resp: 540654

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 10.1 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142442.D

Acq: 19 May 2025 10:38

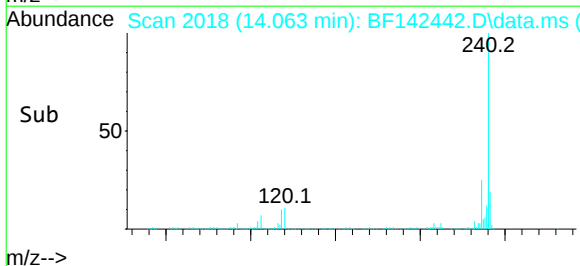
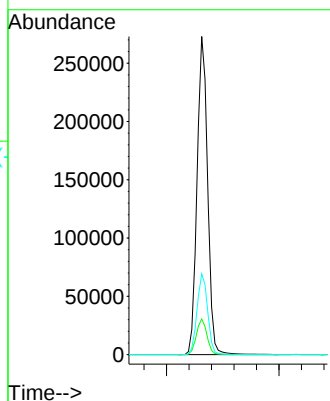
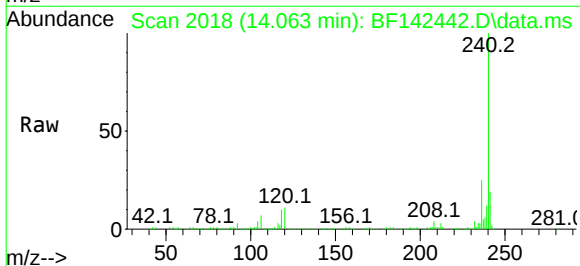
Tgt Ion:240 Resp: 355225

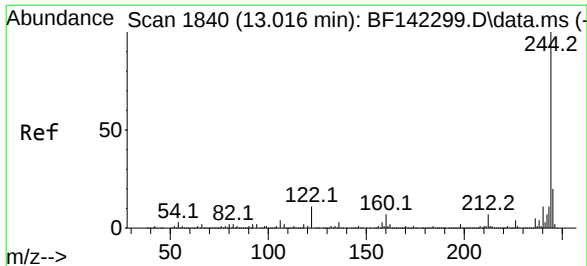
Ion Ratio Lower Upper

240 100

120 11.2 9.7 14.5

236 25.4 20.0 30.0





#79

Terphenyl-d14

Concen: 74.005 ng

RT: 13.016 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF142442.D

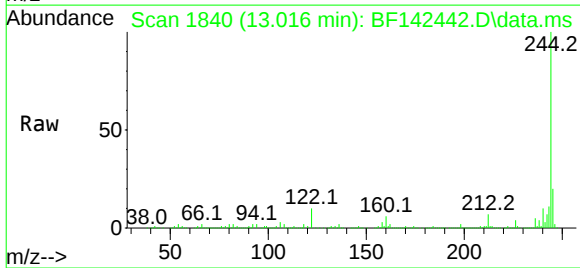
Acq: 19 May 2025 10:38

Instrument :

BNA_F

ClientSampleId :

PB168017BL



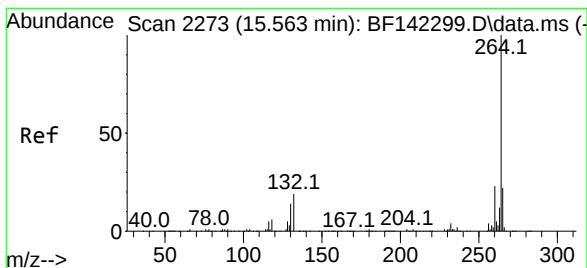
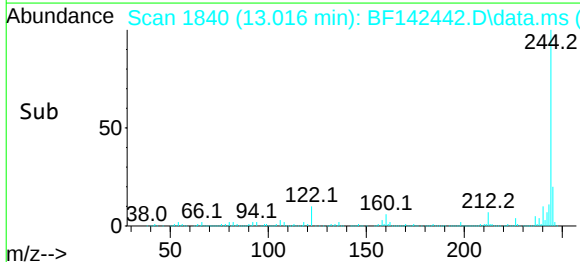
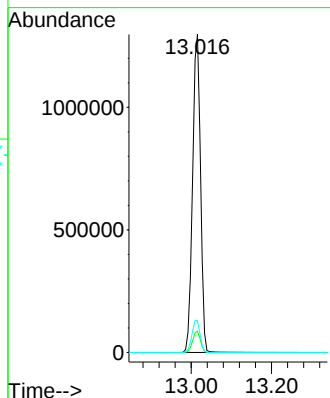
Tgt Ion:244 Resp: 1776122

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 9.9 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142442.D

Acq: 19 May 2025 10:38

Tgt Ion:264 Resp: 284185

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.0 17.5 26.3

