

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142352.D
 Acq On : 13 May 2025 19:06
 Operator : RC/JU
 Sample : Q2004-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-STOCK

Quant Time: May 14 00:56:49 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)

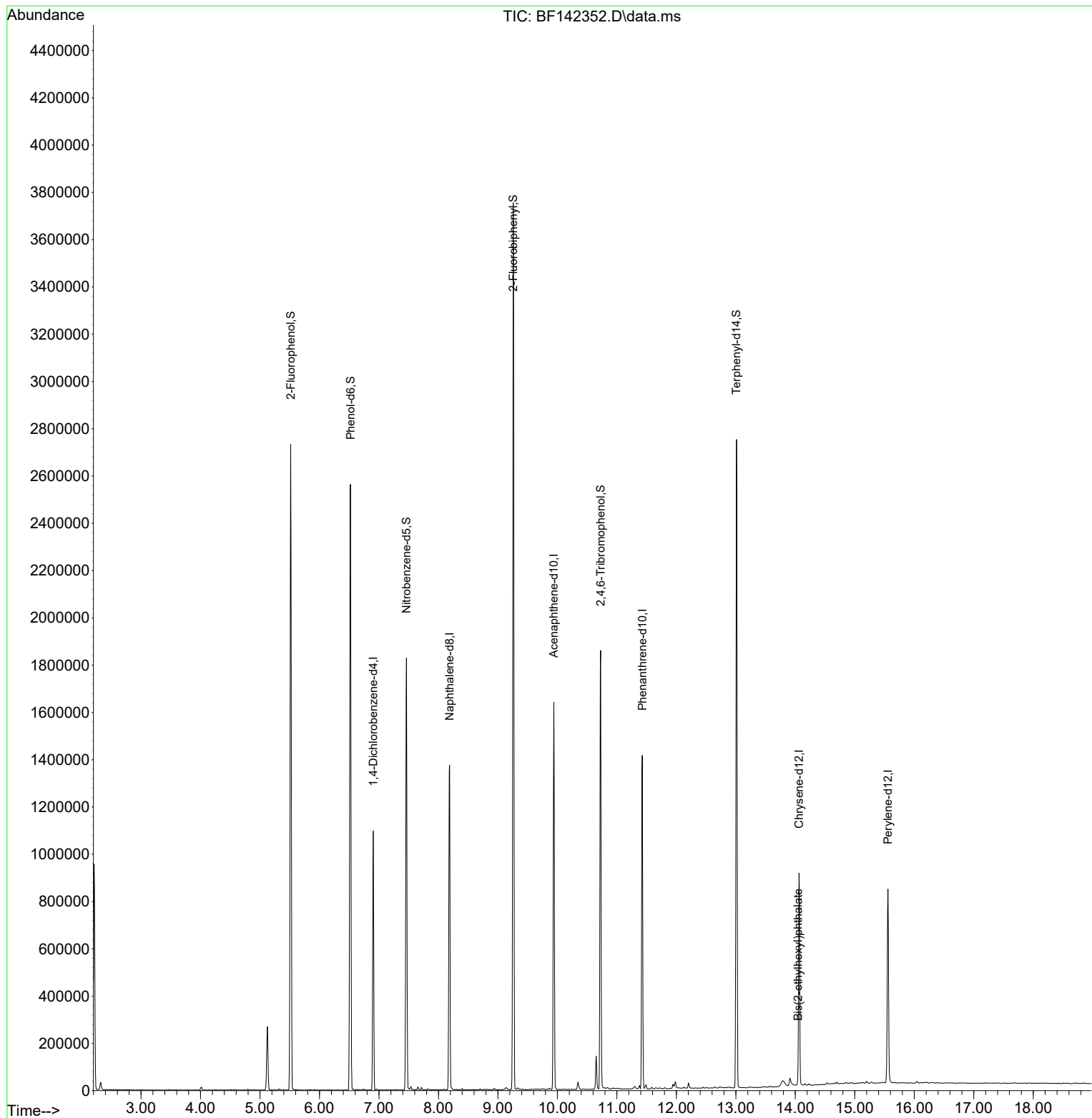
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	232518	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	894716	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	477624	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	733596	20.000	ng	0.00
76) Chrysene-d12	14.063	240	434596	20.000	ng	0.00
86) Perylene-d12	15.557	264	480795	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1037781	76.191	ng	0.00
7) Phenol-d6	6.522	99	1271974	75.927	ng	0.00
23) Nitrobenzene-d5	7.463	82	771171	52.566	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	331262	71.836	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1687997	50.393	ng	0.00
79) Terphenyl-d14	13.010	244	1340914	45.668	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	9331	4.816	ng	Qvalue 98

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

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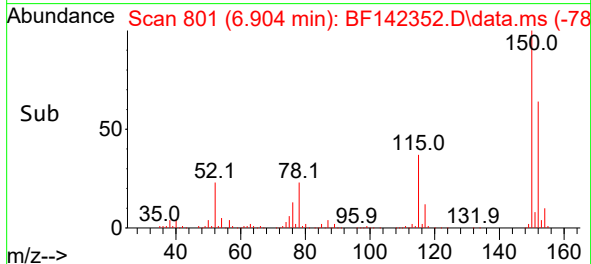
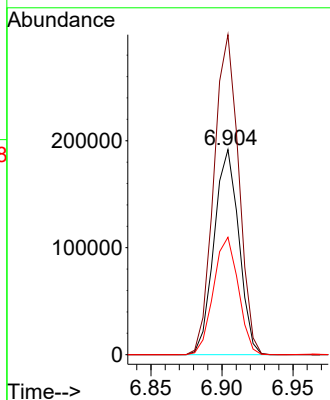
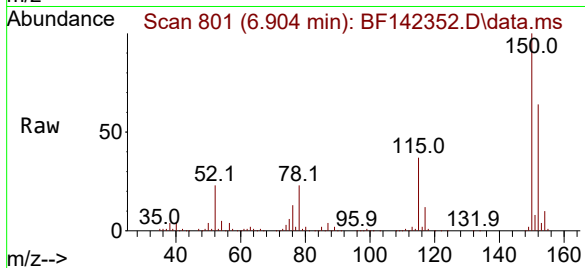




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142352.D
Acq: 13 May 2025 19:06

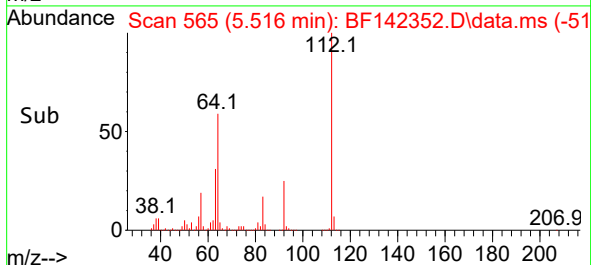
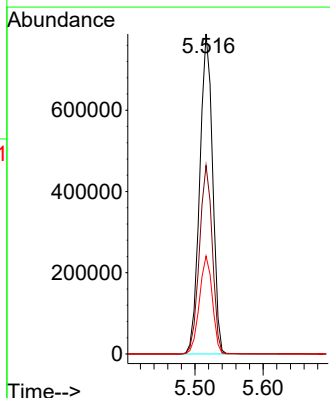
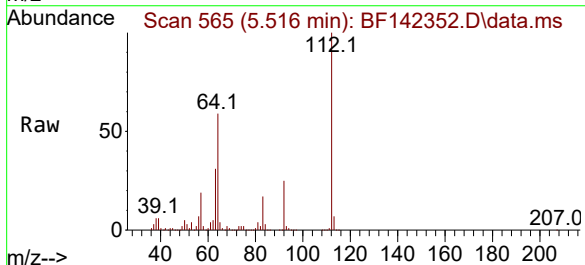
Instrument :
BNA_F
ClientSampleId :
STONE-STOCK

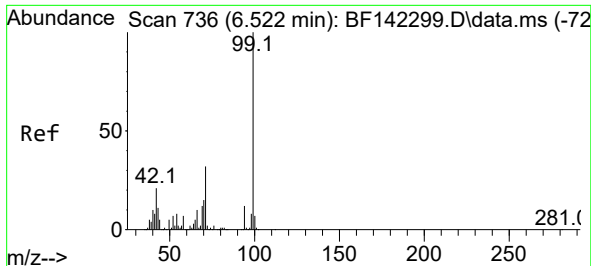
Tgt Ion:152 Resp: 232518
Ion Ratio Lower Upper
152 100
150 156.0 126.6 190.0
115 57.2 47.3 70.9



#5
2-Fluorophenol
Concen: 76.191 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142352.D
Acq: 13 May 2025 19:06

Tgt Ion:112 Resp: 1037781
Ion Ratio Lower Upper
112 100
64 58.9 48.9 73.3
63 30.6 25.6 38.4

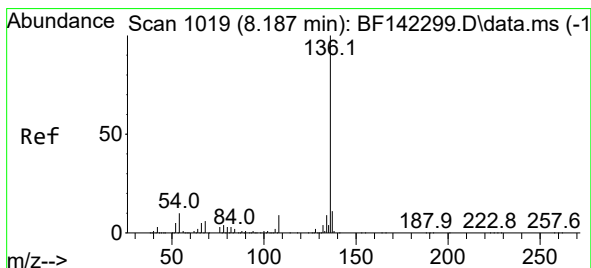
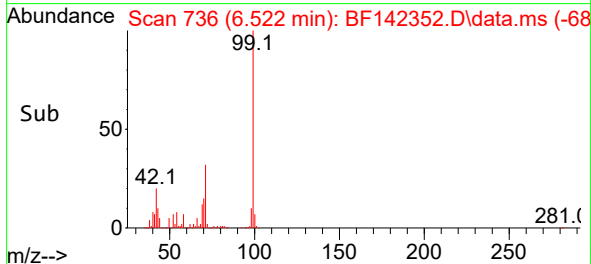
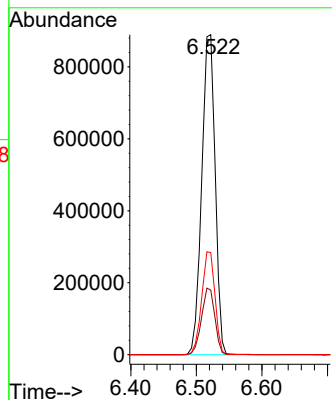
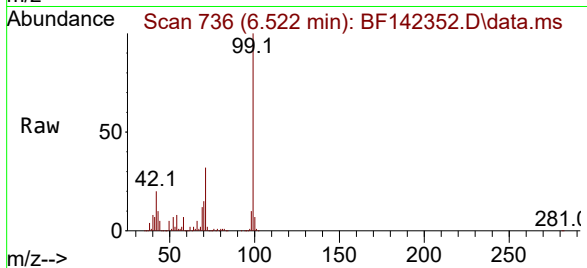




#7
Phenol-d6
Concen: 75.927 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142352.D
Acq: 13 May 2025 19:06

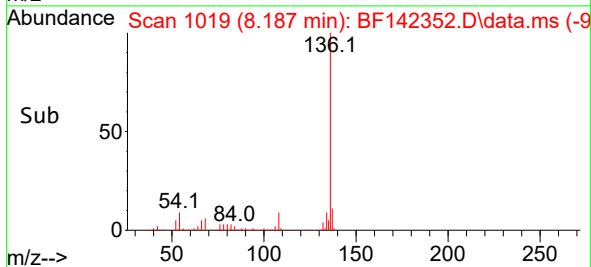
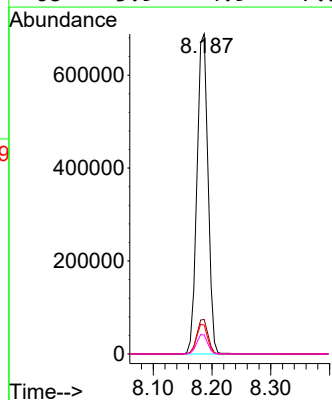
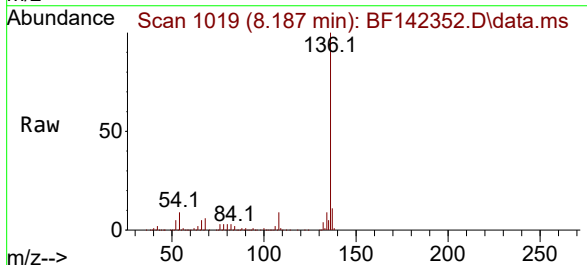
Instrument :
BNA_F
ClientSampleId :
STONE-STOCK

Tgt Ion: 99 Resp: 1271974
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.4
71 31.9 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142352.D
Acq: 13 May 2025 19:06

Tgt Ion: 136 Resp: 894716
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.0 7.7 11.5
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 52.566 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142352.D

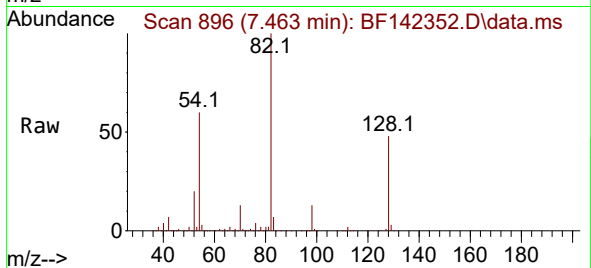
Acq: 13 May 2025 19:06

Instrument :

BNA_F

ClientSampleId :

STONE-STOCK



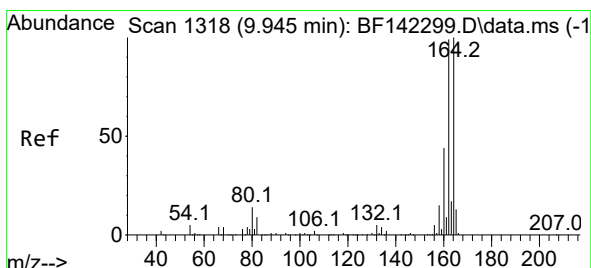
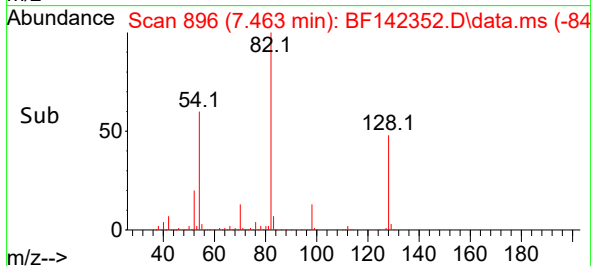
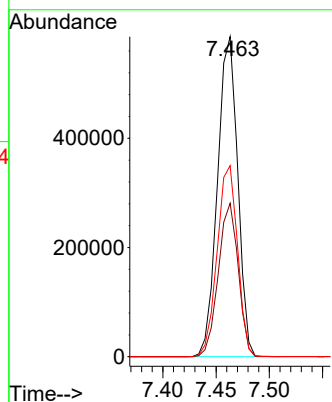
Tgt Ion: 82 Resp: 771171

Ion Ratio Lower Upper

82 100

128 48.0 37.0 55.6

54 59.7 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: BF142352.D

Acq: 13 May 2025 19:06

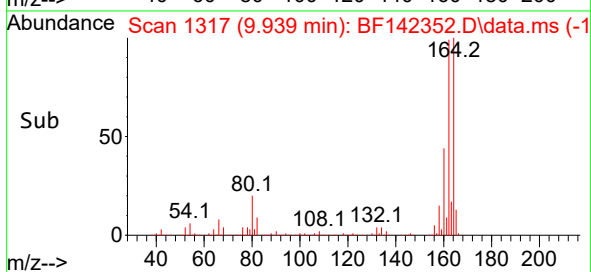
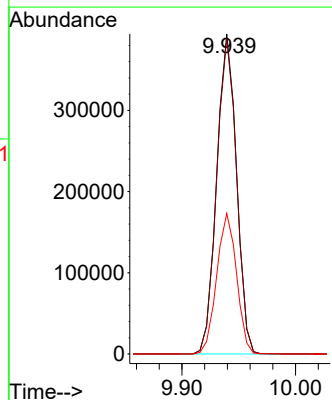
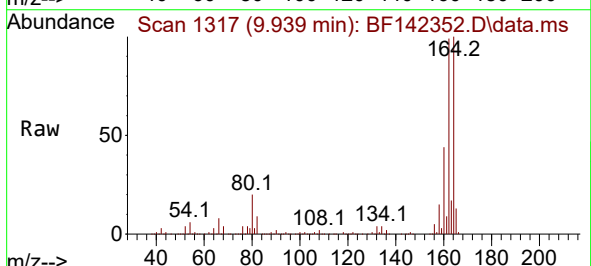
Tgt Ion:164 Resp: 477624

Ion Ratio Lower Upper

164 100

162 98.6 79.2 118.8

160 43.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 71.836 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142352.D

Acq: 13 May 2025 19:06

Instrument :

BNA_F

ClientSampleId :

STONE-STOCK

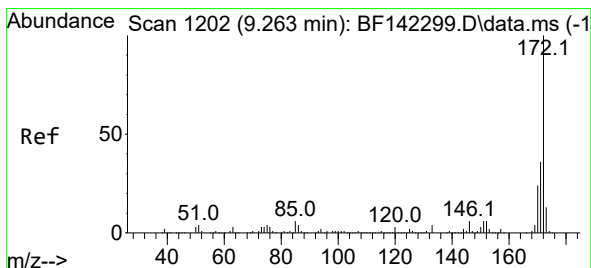
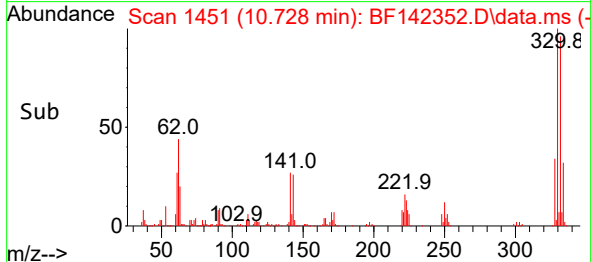
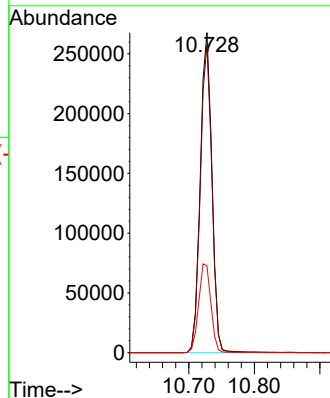
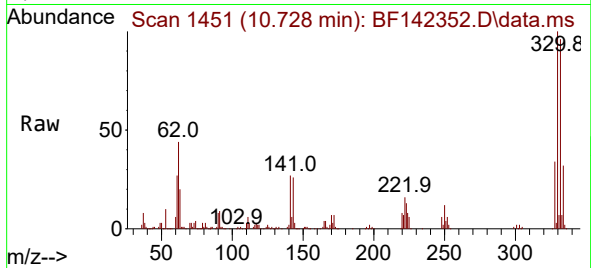
Tgt Ion:330 Resp: 331262

Ion Ratio Lower Upper

330 100

332 95.7 76.8 115.2

141 29.4 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 50.393 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142352.D

Acq: 13 May 2025 19:06

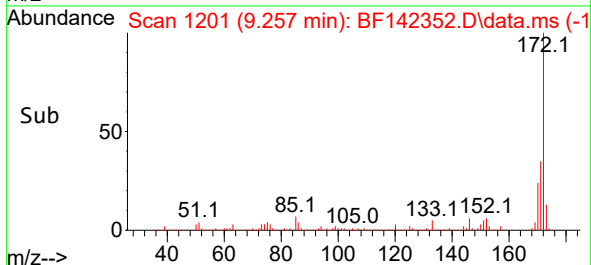
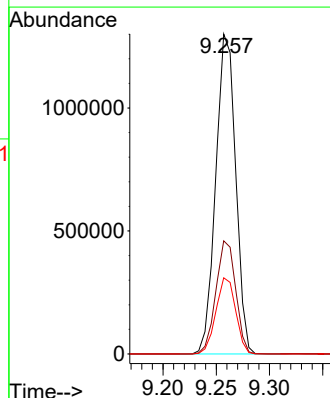
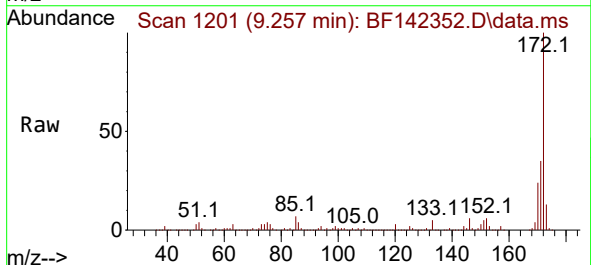
Tgt Ion:172 Resp: 1687997

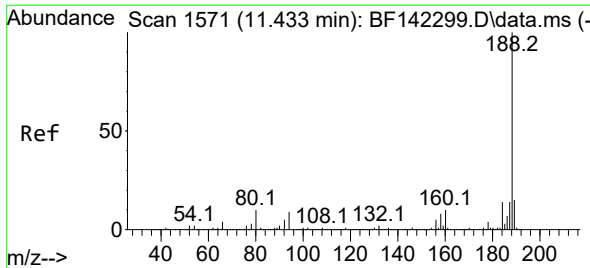
Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.8 19.0 28.4

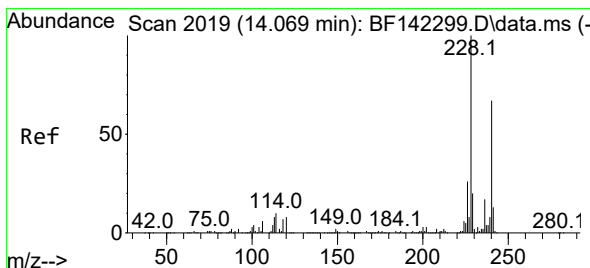
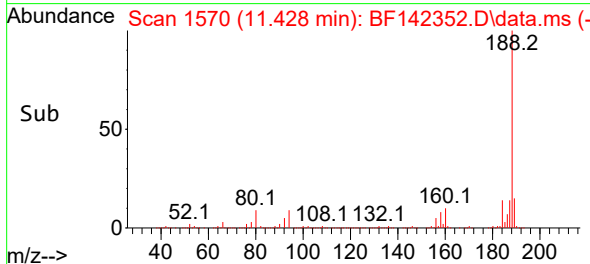
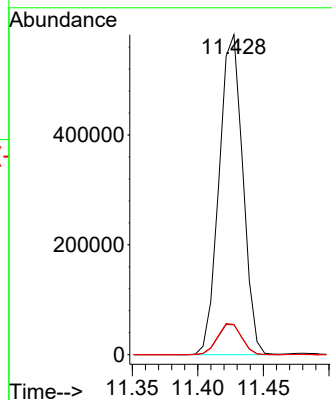
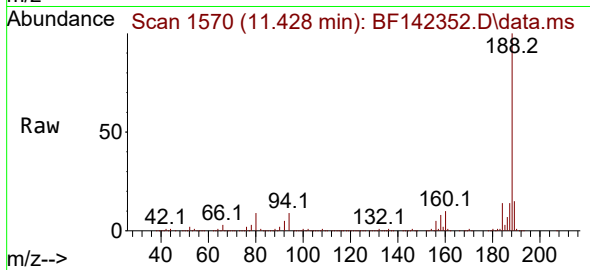




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142352.D
Acq: 13 May 2025 19:06

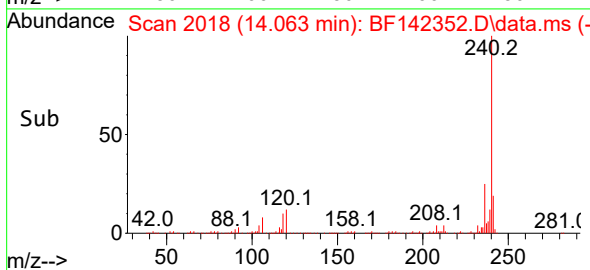
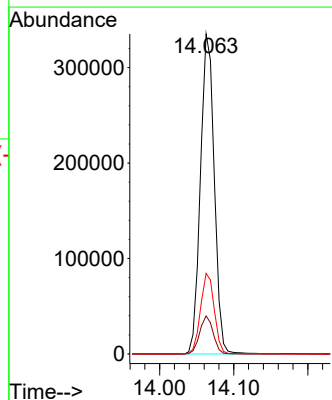
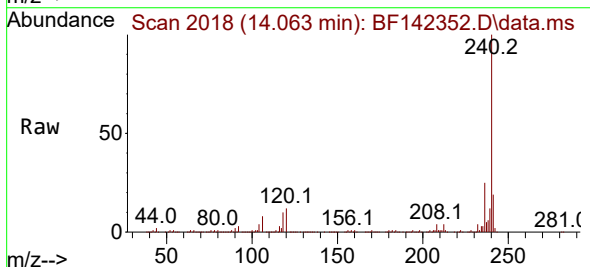
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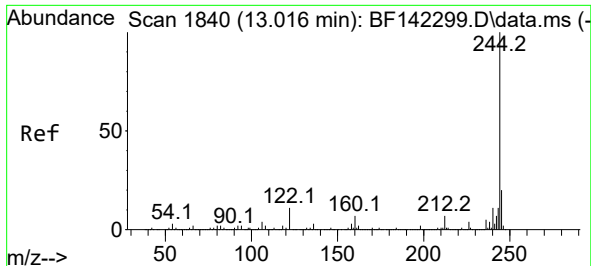
Tgt Ion:188 Resp: 733596
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142352.D
Acq: 13 May 2025 19:06

Tgt Ion:240 Resp: 434596
Ion Ratio Lower Upper
240 100
120 11.9 9.7 14.5
236 25.1 20.0 30.0

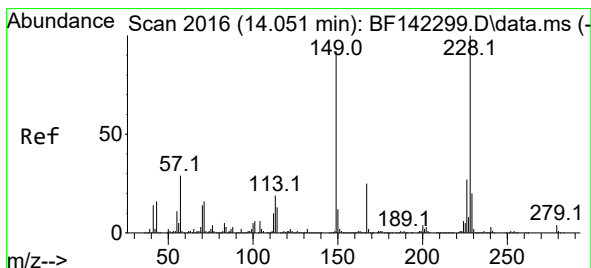
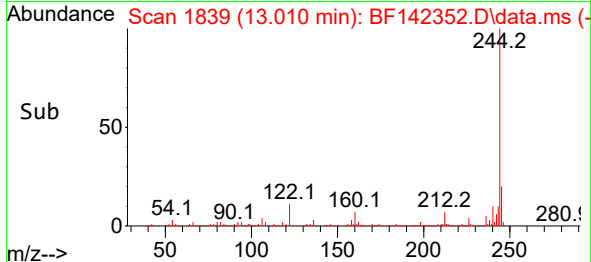
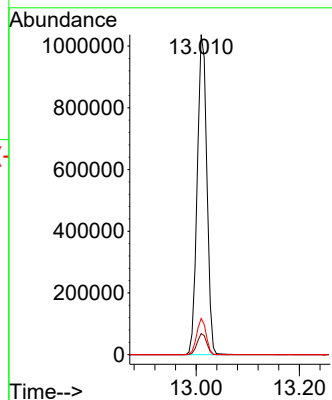
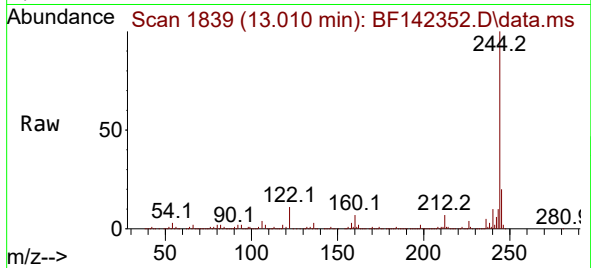




#79
 Terphenyl-d14
 Concen: 45.668 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142352.D
 Acq: 13 May 2025 19:06

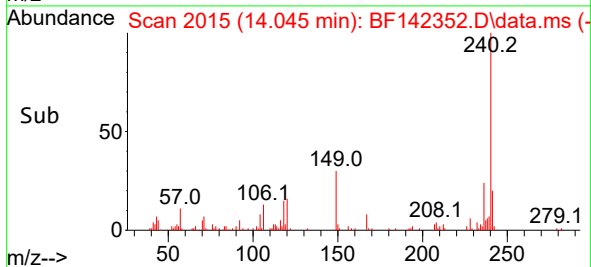
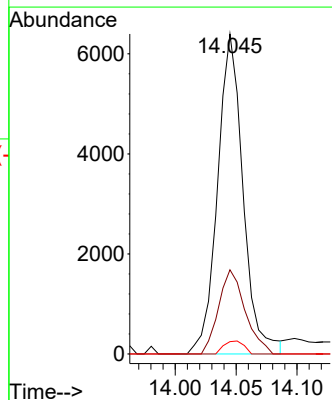
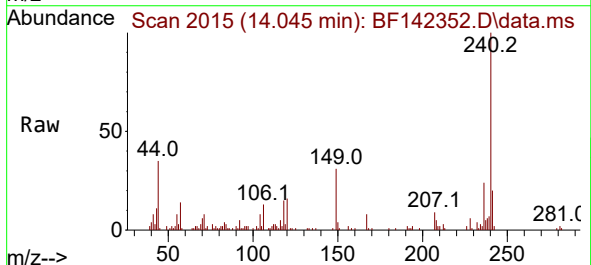
Instrument :
 BNA_F
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 STONE-STOCK

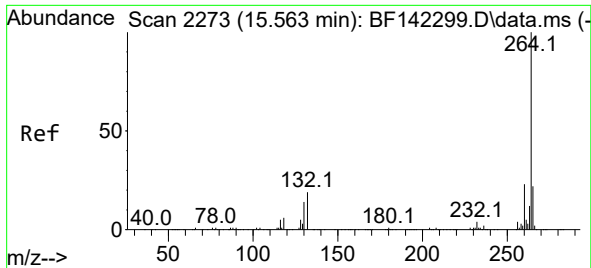
Tgt Ion:244 Resp: 1340914
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 11.3 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.816 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142352.D
 Acq: 13 May 2025 19:06

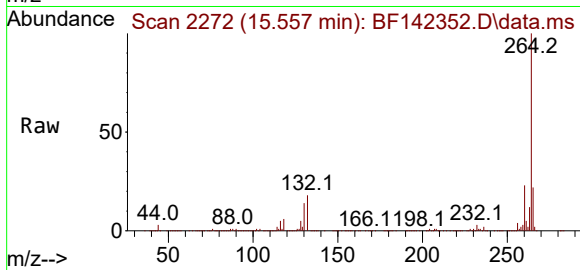
Tgt Ion:149 Resp: 9331
 Ion Ratio Lower Upper
 149 100
 167 26.3 22.0 33.0
 279 3.9 3.0 4.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142352.D
Acq: 13 May 2025 19:06

Instrument :
BNA_F
ClientSampleId :
STONE-STOCK



Tgt Ion:264 Resp: 480795
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 21.7 17.5 26.3

