

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142333.D
 Acq On : 12 May 2025 21:31
 Operator : RC/JU
 Sample : Q2004-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-STOCK

Quant Time: May 13 01:05:52 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	199109	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	756995	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	392804	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	644271	20.000	ng	0.00
76) Chrysene-d12	14.063	240	388366	20.000	ng	0.00
86) Perylene-d12	15.557	264	282746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1302229	111.648	ng	0.02
7) Phenol-d6	6.522	99	1460835	101.832	ng	0.00
23) Nitrobenzene-d5	7.463	82	985837	79.424	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	484591	127.778	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1983511	72.001	ng	0.00
79) Terphenyl-d14	13.016	244	1970920	75.114	ng	0.00

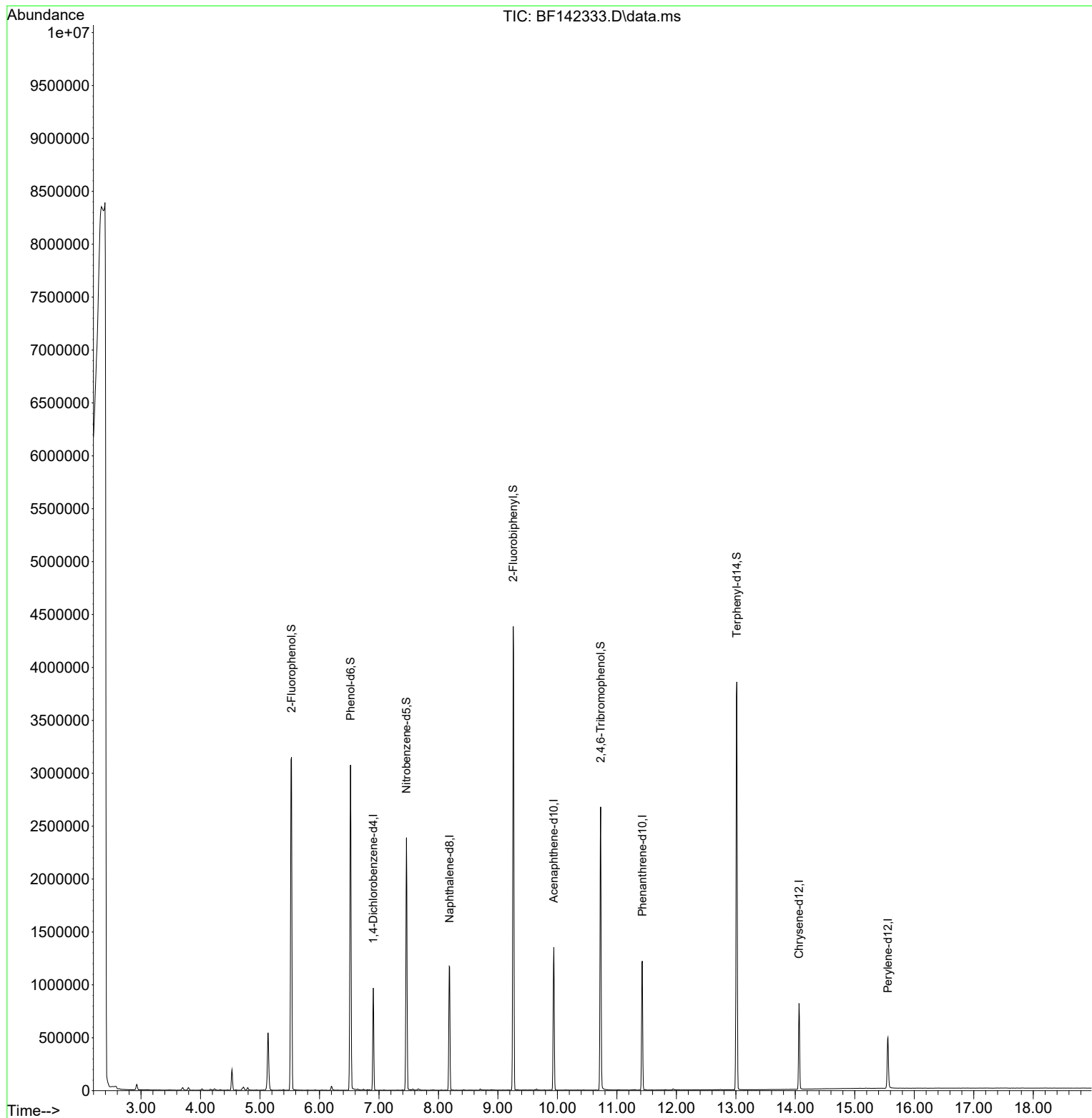
Target Compounds	Qvalue

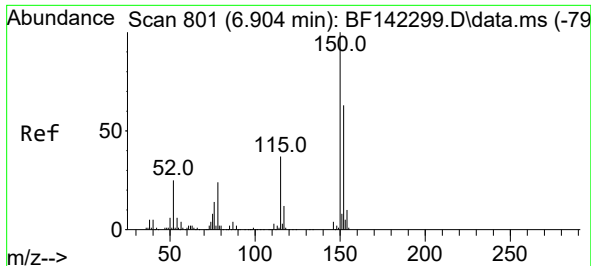
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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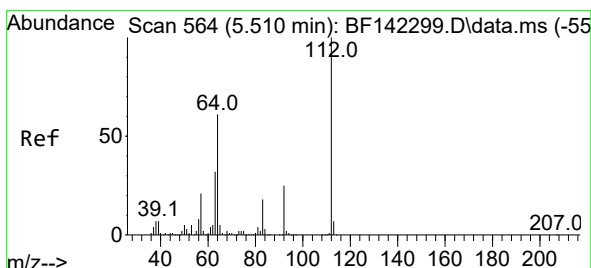
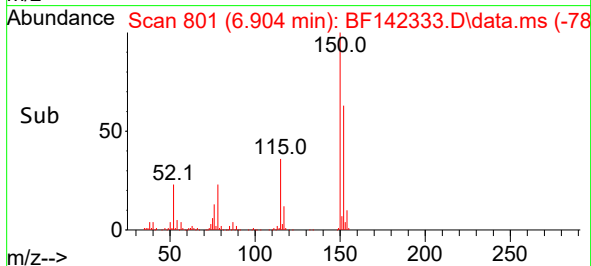
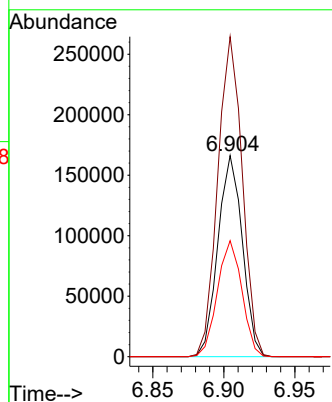
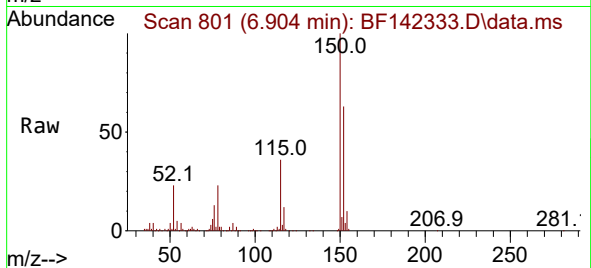




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142333.D
 Acq: 12 May 2025 21:31

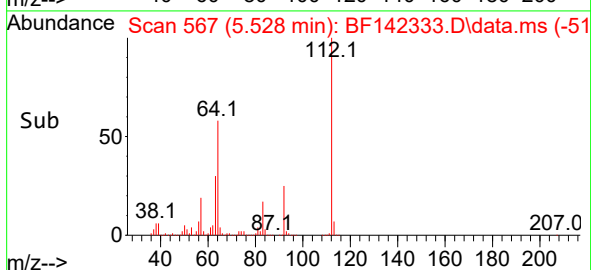
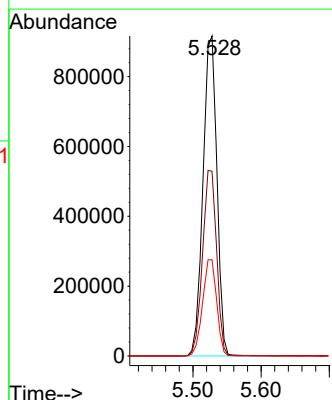
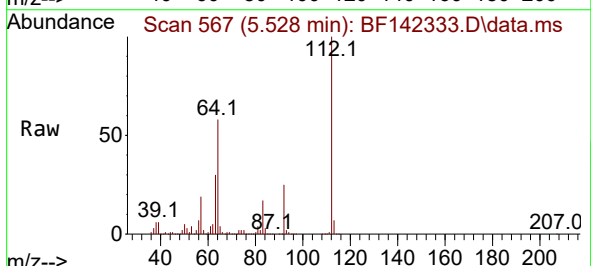
Instrument :
 BNA_F
 ClientSampleId :
 STONE-STOCK

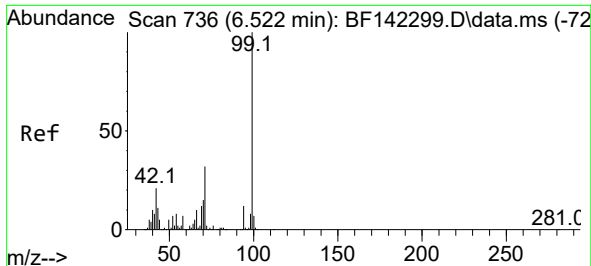
Tgt Ion:152 Resp: 199109
 Ion Ratio Lower Upper
 152 100
 150 159.1 126.6 190.0
 115 57.7 47.3 70.9



#5
 2-Fluorophenol
 Concen: 111.648 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.018 min
 Lab File: BF142333.D
 Acq: 12 May 2025 21:31

Tgt Ion:112 Resp: 1302229
 Ion Ratio Lower Upper
 112 100
 64 57.7 48.9 73.3
 63 30.1 25.6 38.4

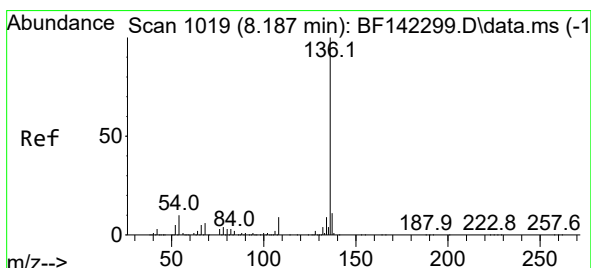
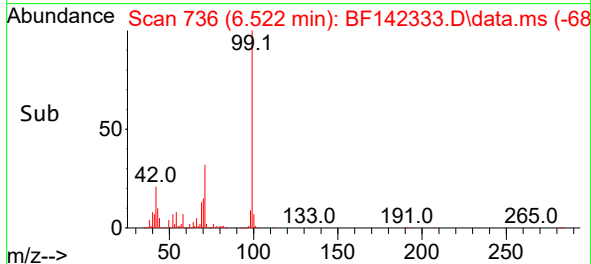
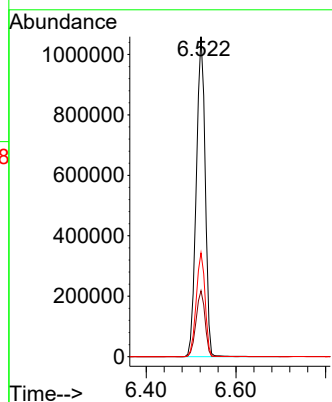
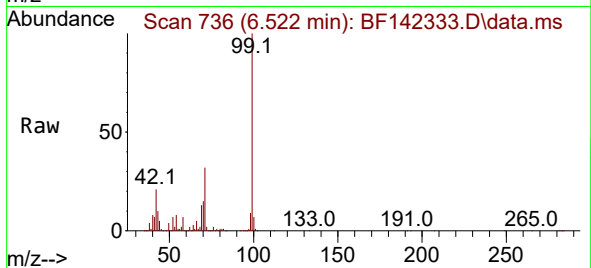




#7
Phenol-d6
Concen: 101.832 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142333.D
Acq: 12 May 2025 21:31

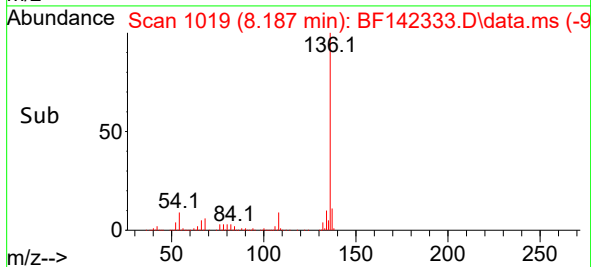
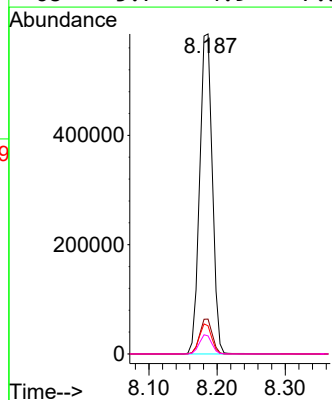
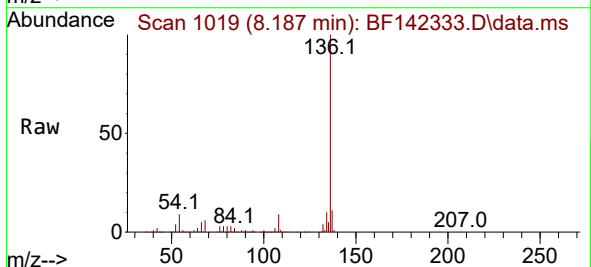
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ClientSampleId :
STONE-STOCK

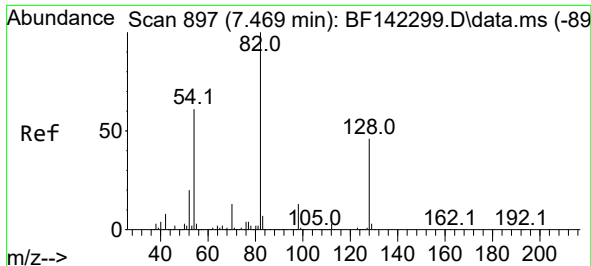
Tgt Ion: 99 Resp: 1460835
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.4
71 32.5 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142333.D
Acq: 12 May 2025 21:31

Tgt Ion:136 Resp: 756995
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.8 7.7 11.5
68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 79.424 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142333.D

Acq: 12 May 2025 21:31

Instrument :

BNA_F

ClientSampleId :

STONE-STOCK

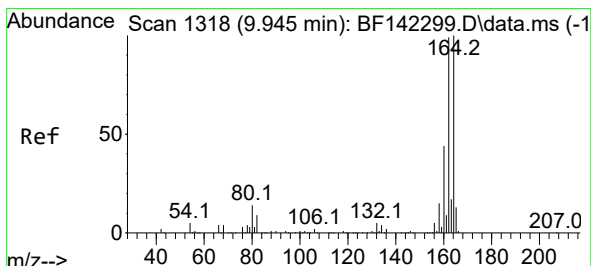
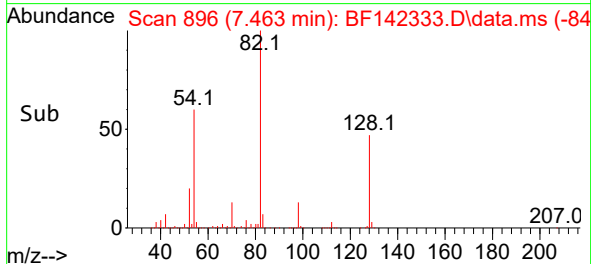
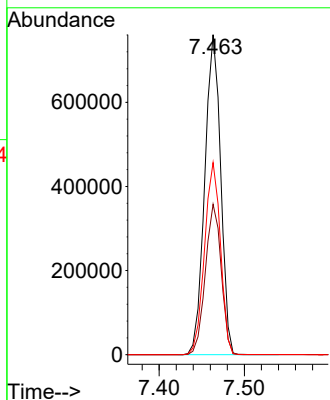
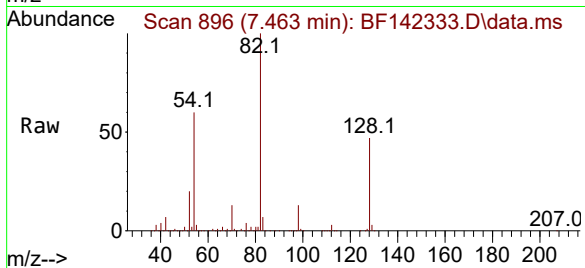
Tgt Ion: 82 Resp: 985837

Ion Ratio Lower Upper

82 100

128 47.0 37.0 55.6

54 60.0 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: BF142333.D

Acq: 12 May 2025 21:31

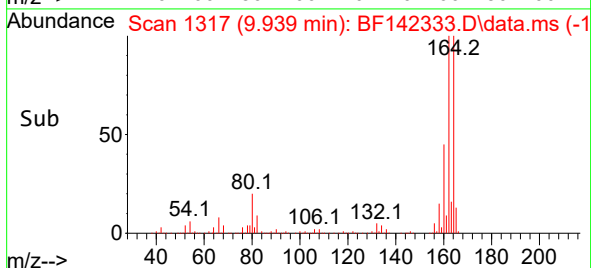
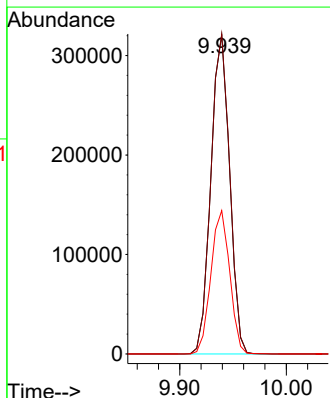
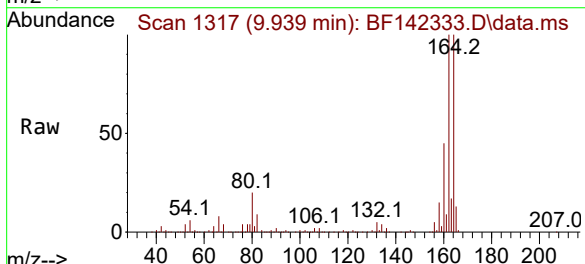
Tgt Ion:164 Resp: 392804

Ion Ratio Lower Upper

164 100

162 100.3 79.2 118.8

160 45.0 35.3 52.9

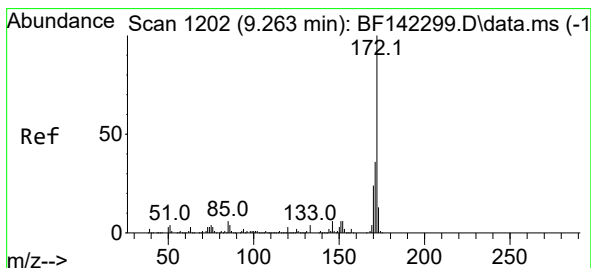
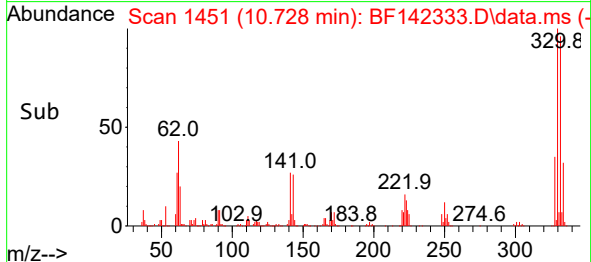
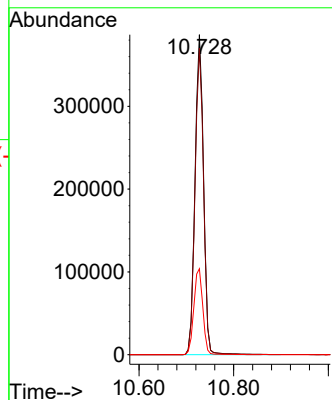
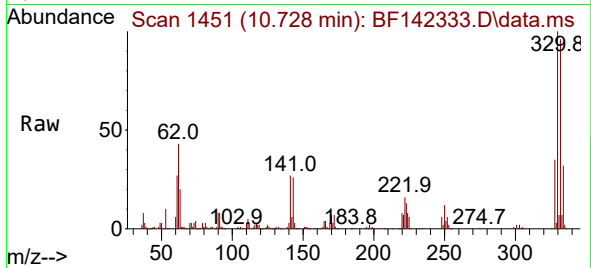




#42
2,4,6-Tribromophenol
Concen: 127.778 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142333.D
Acq: 12 May 2025 21:31

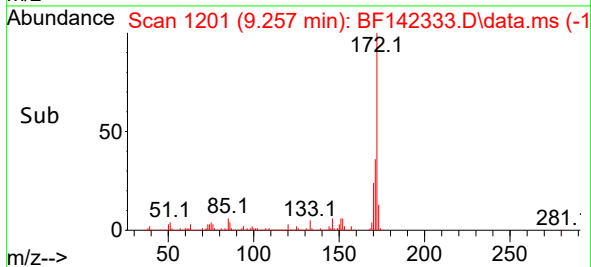
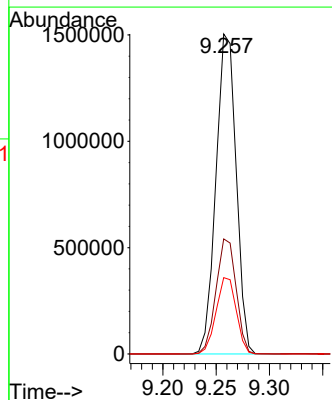
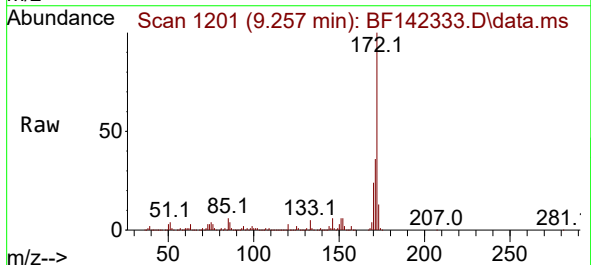
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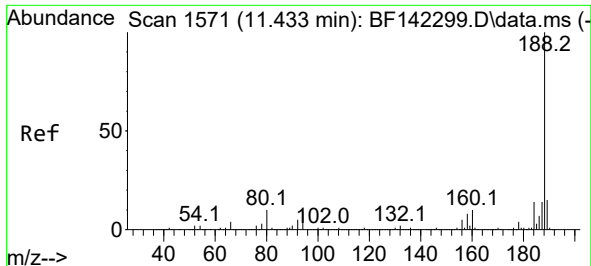
Tgt Ion:330 Resp: 484591
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 28.3 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 72.001 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142333.D
Acq: 12 May 2025 21:31

Tgt Ion:172 Resp: 1983511
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 23.9 19.0 28.4

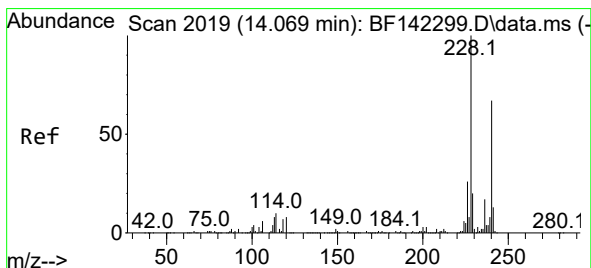
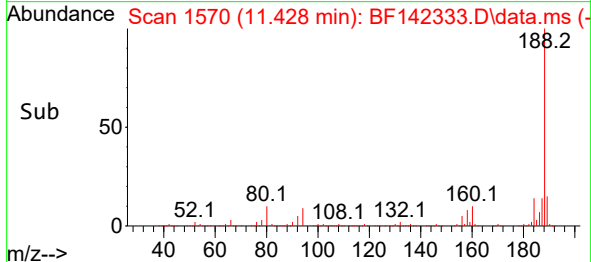
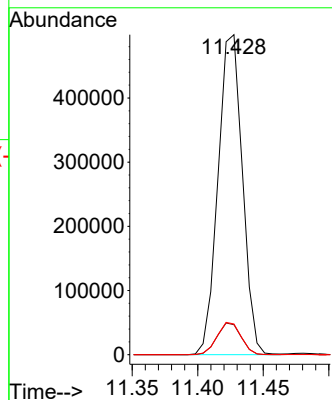
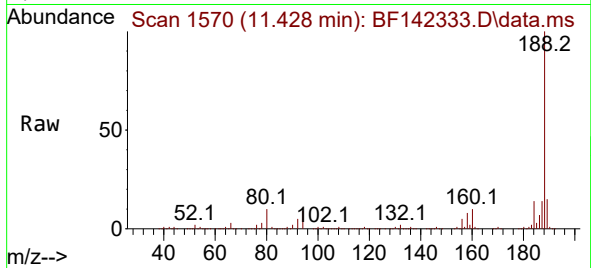




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142333.D
Acq: 12 May 2025 21:31

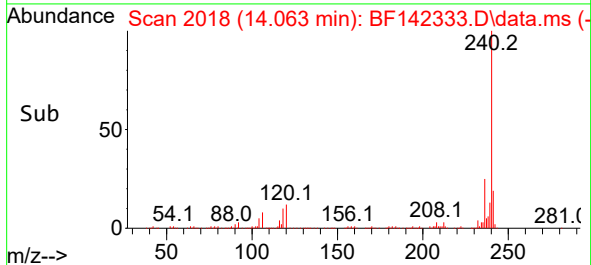
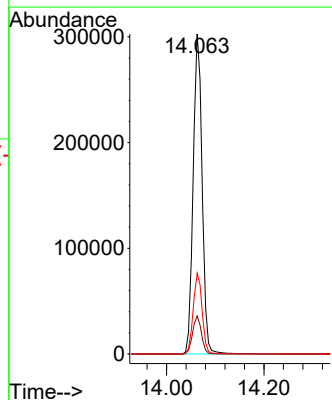
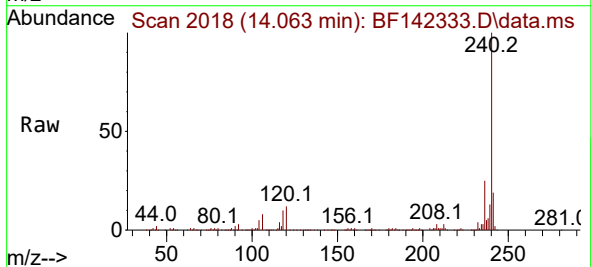
Instrument :
BNA_F
ClientSampleId :
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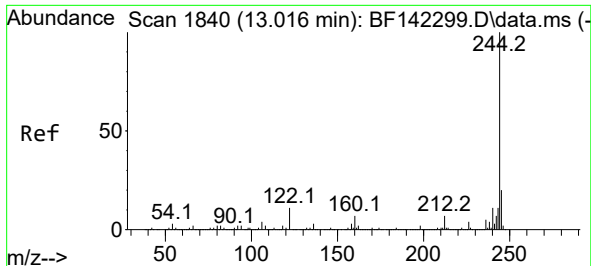
Tgt Ion:188 Resp: 644271
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142333.D
Acq: 12 May 2025 21:31

Tgt Ion:240 Resp: 388366
Ion Ratio Lower Upper
240 100
120 11.8 9.7 14.5
236 25.2 20.0 30.0

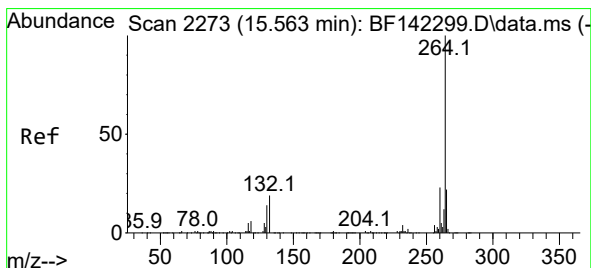
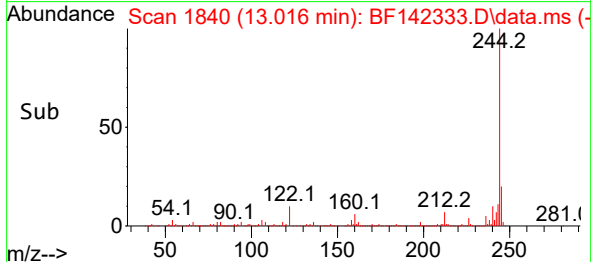
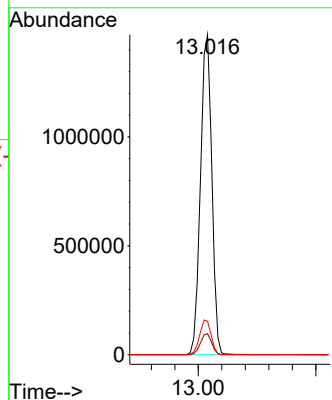
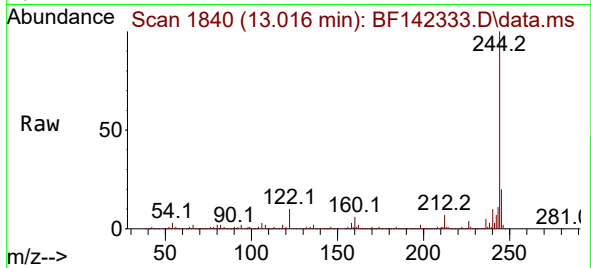




#79
 Terphenyl-d14
 Concen: 75.114 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF142333.D
 Acq: 12 May 2025 21:31

Instrument :
 BNA_F
 ClientSampleId :
 STONE-STOCK

Tgt Ion:244 Resp: 1970920
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.5 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: BF142333.D
 Acq: 12 May 2025 21:31

Tgt Ion:264 Resp: 282746
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 27.8
 265 20.9 17.5 26.3

