

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
 Data File : BF143580.D
 Acq On : 22 Aug 2025 18:51
 Operator : RC/JU
 Sample : Q2915-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-EAST

Quant Time: Aug 25 02:39:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

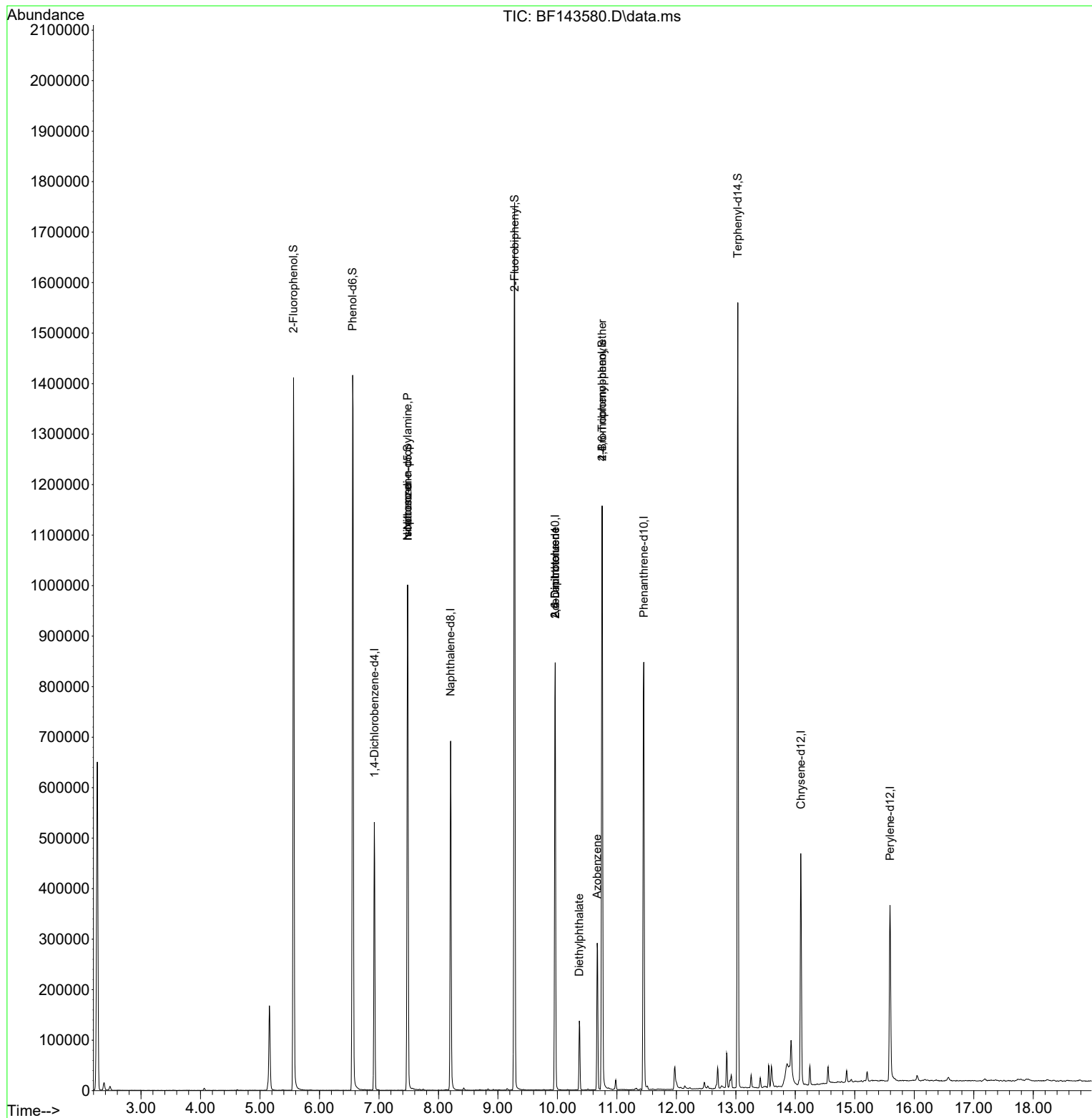
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	105842	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	419903	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	255938	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	428051	20.000	ng	0.00
76) Chrysene-d12	14.092	240	227586	20.000	ng	-0.01
86) Perylene-d12	15.592	264	208151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	479635	79.129	ng	0.00
7) Phenol-d6	6.557	99	625866	83.644	ng	-0.02
23) Nitrobenzene-d5	7.481	82	435931	60.582	ng	-0.02
42) 2,4,6-Tribromophenol	10.751	330	189073	79.362	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	766319	49.484	ng	0.00
79) Terphenyl-d14	13.033	244	721831	55.347	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	60936	13.324	ng	# 81
25) Isophorone	7.481	82	416345	31.564	ng	# 65
51) 2,6-Dinitrotoluene	9.963	165	32197	10.078	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	32197	7.548	ng	# 26
60) Diethylphthalate	10.369	149	67172	4.860	ng	98
63) Azobenzene	10.669	77	76072	5.309	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	13079	2.561	ng	# 1

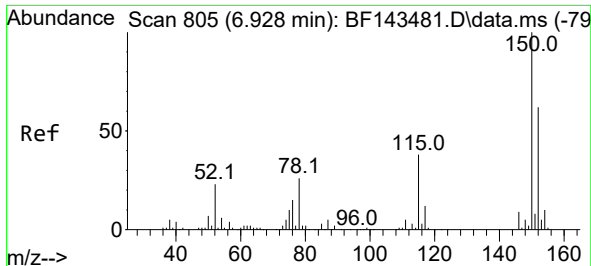
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
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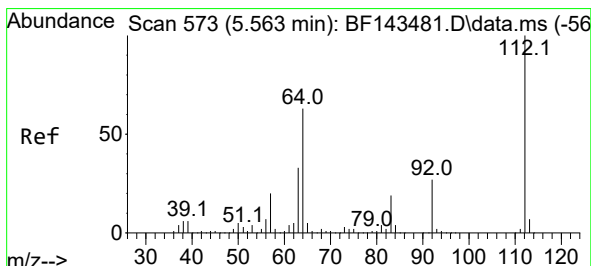
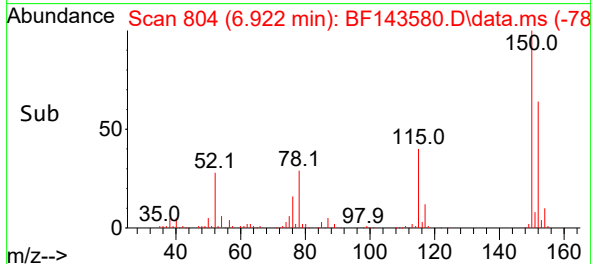
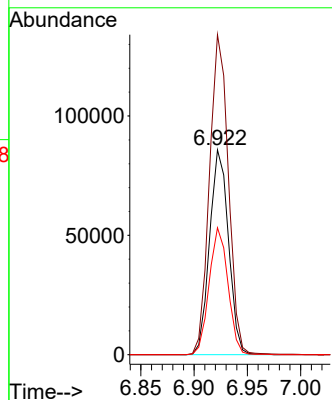
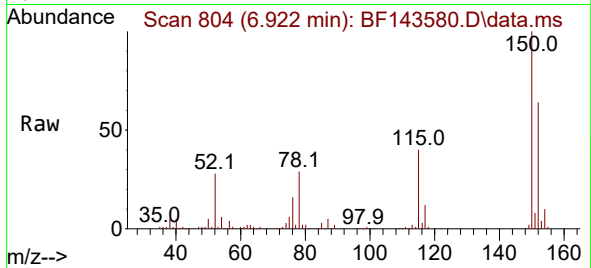




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF143580.D
Acq: 22 Aug 2025 18:51

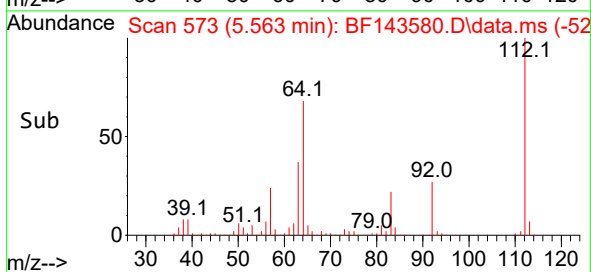
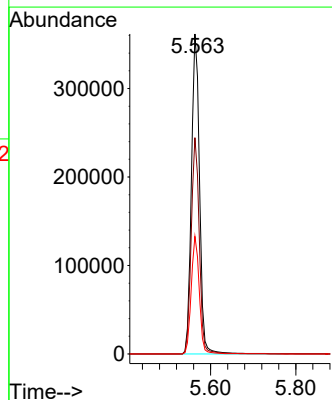
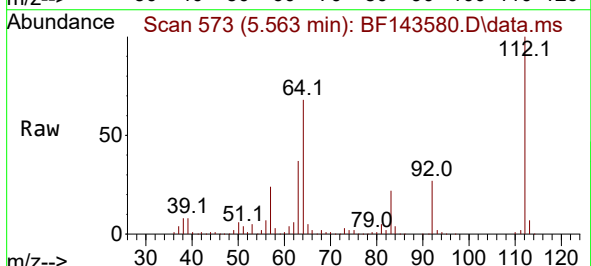
Instrument :
BNA_F
ClientSampleId :
BRIDGE-EAST

Tgt Ion:152 Resp: 105842
Ion Ratio Lower Upper
152 100
150 156.2 128.9 193.3
115 61.9 49.2 73.8



#5
2-Fluorophenol
Concen: 79.129 ng
RT: 5.563 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF143580.D
Acq: 22 Aug 2025 18:51

Tgt Ion:112 Resp: 479635
Ion Ratio Lower Upper
112 100
64 67.6 50.4 75.6
63 36.8 26.4 39.6

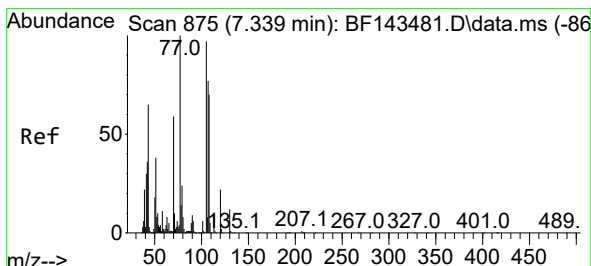
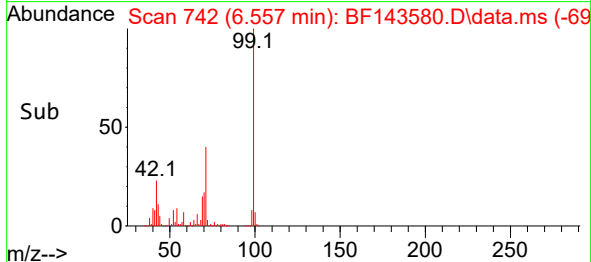
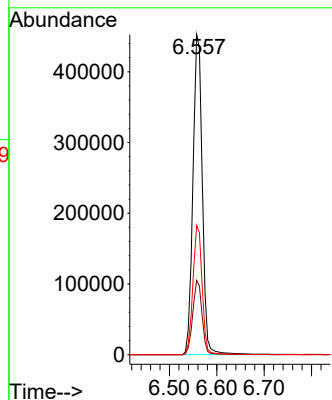
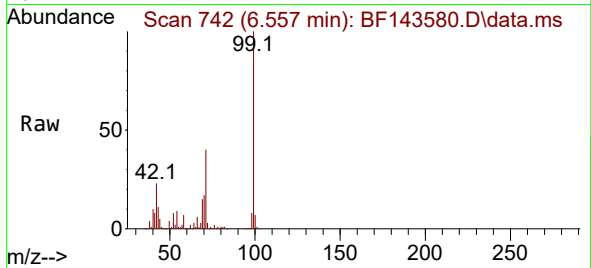




#7
Phenol-d6
Concen: 83.644 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143580.D
Acq: 22 Aug 2025 18:51

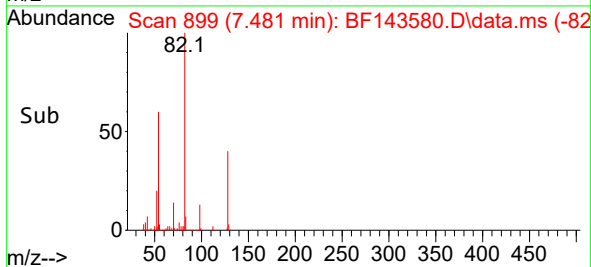
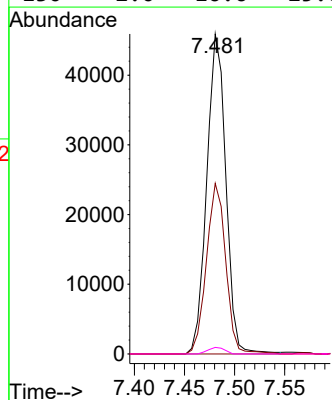
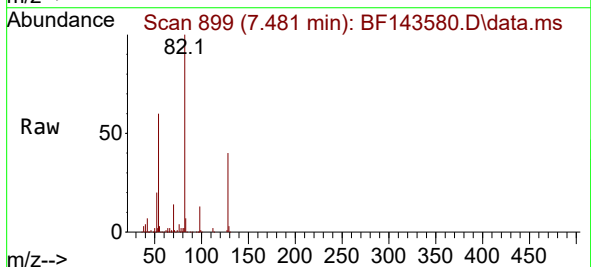
Instrument :
BNA_F
ClientSampleId :
BRIDGE-EAST

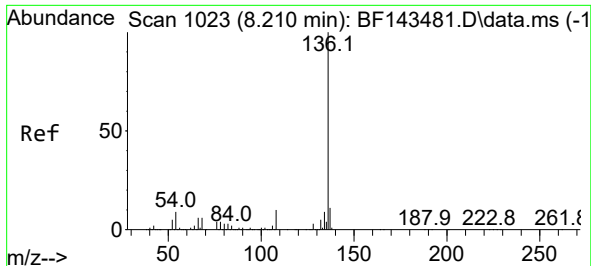
Tgt Ion: 99 Resp: 625866
Ion Ratio Lower Upper
99 100
42 23.3 16.3 24.5
71 40.4 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.324 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.129 min
Lab File: BF143580.D
Acq: 22 Aug 2025 18:51

Tgt Ion: 70 Resp: 60936
Ion Ratio Lower Upper
70 100
42 53.3 49.3 73.9
101 0.0 7.8 11.8#
130 2.0 16.6 25.0#



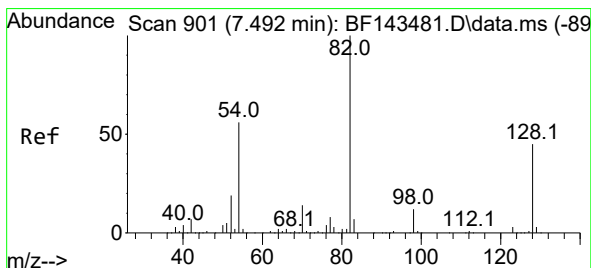
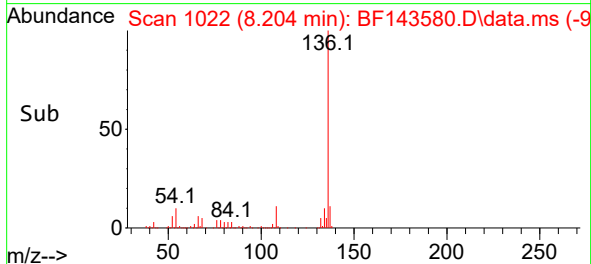
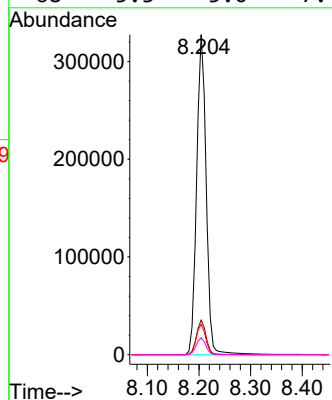
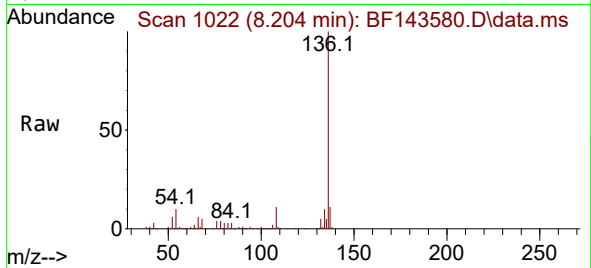


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF143580.D
Acq: 22 Aug 2025 18:51

Instrument :
BNA_F
ClientSampleId :
BRIDGE-EAST

Tgt Ion:136 Resp: 419903

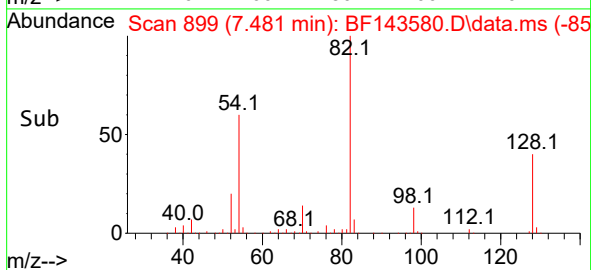
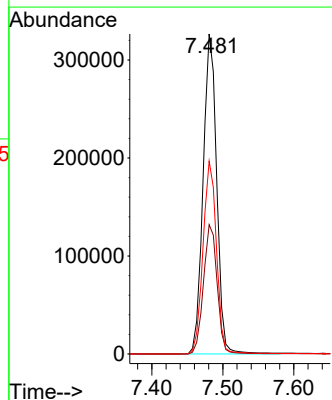
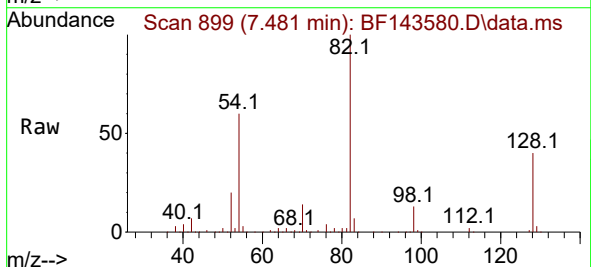
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	9.5	7.4	11.2
68	5.3	5.0	7.4

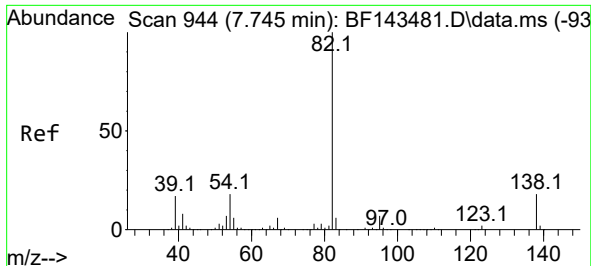


#23
Nitrobenzene-d5
Concen: 60.582 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF143580.D
Acq: 22 Aug 2025 18:51

Tgt Ion: 82 Resp: 435931

Ion	Ratio	Lower	Upper
82	100		
128	40.4	35.5	53.3
54	60.3	44.3	66.5

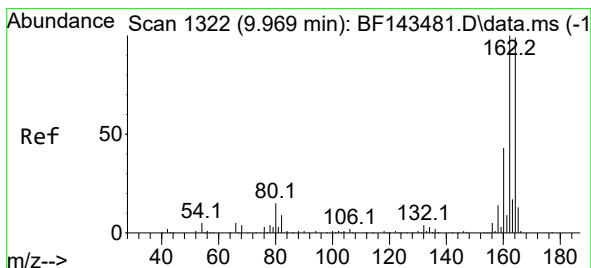
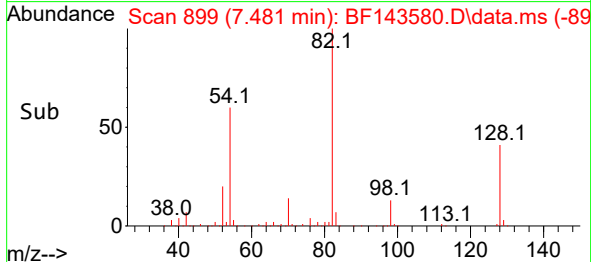
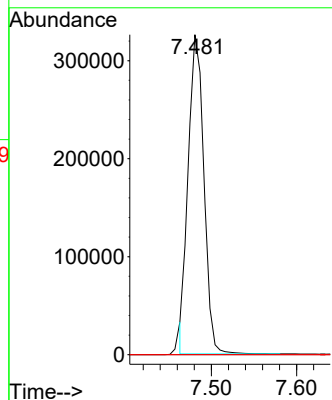
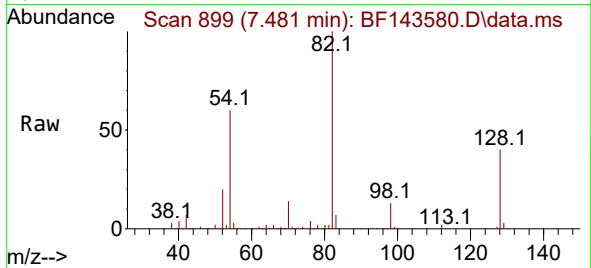




#25
Isophorone
Concen: 31.564 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.276 min
Lab File: BF143580.D
Acq: 22 Aug 2025 18:51

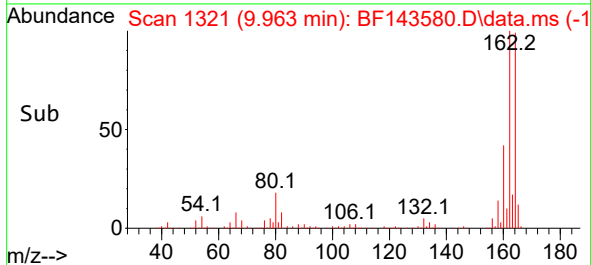
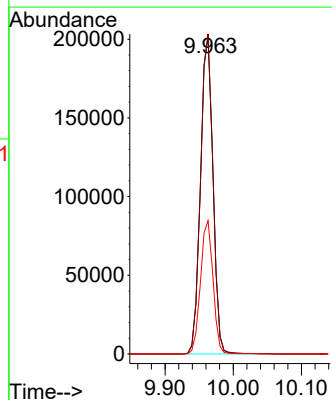
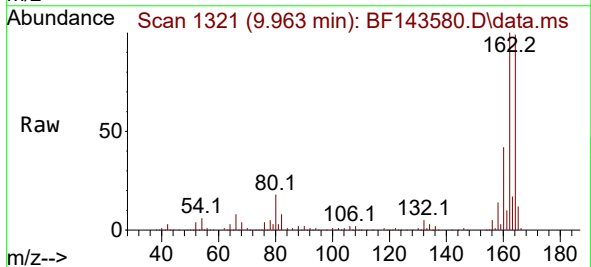
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ClientSampleId :
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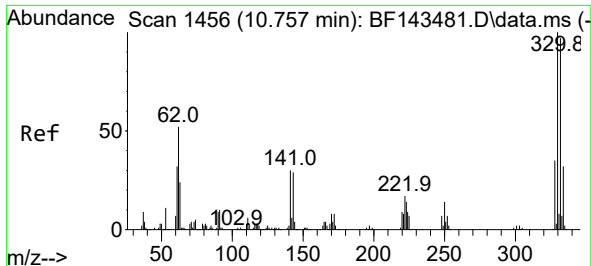
Tgt Ion: 82 Resp: 416345
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 14.2 21.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143580.D
Acq: 22 Aug 2025 18:51

Tgt Ion:164 Resp: 255938
Ion Ratio Lower Upper
164 100
162 100.7 80.5 120.7
160 41.9 34.3 51.5

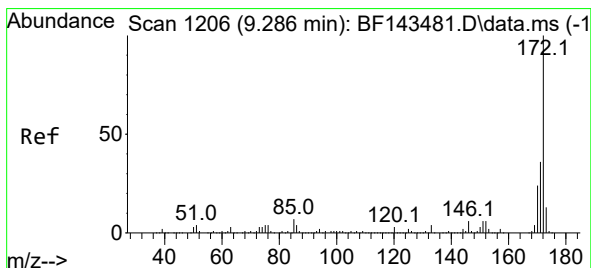
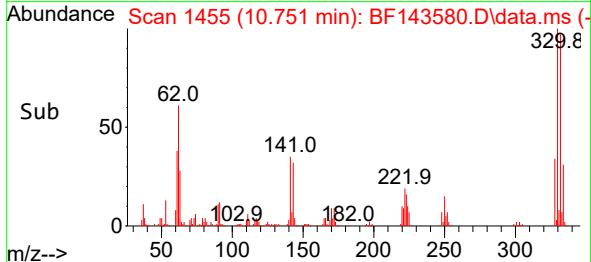
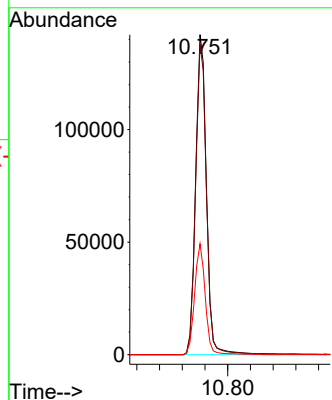
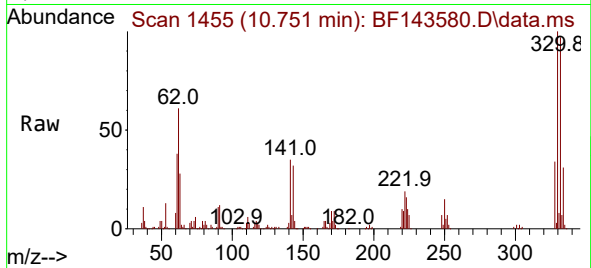




#42
2,4,6-Tribromophenol
Concen: 79.362 ng
RT: 10.751 min Scan# 1456
Delta R.T. -0.012 min
Lab File: BF143580.D
Acq: 22 Aug 2025 18:51

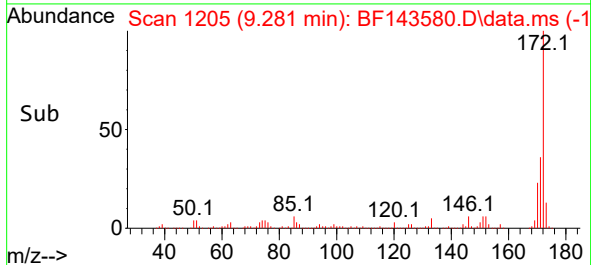
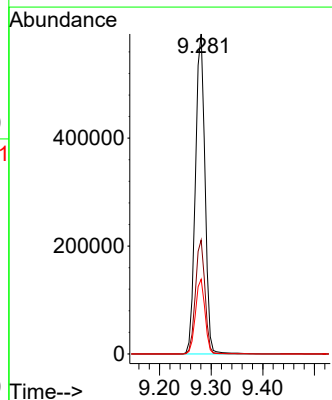
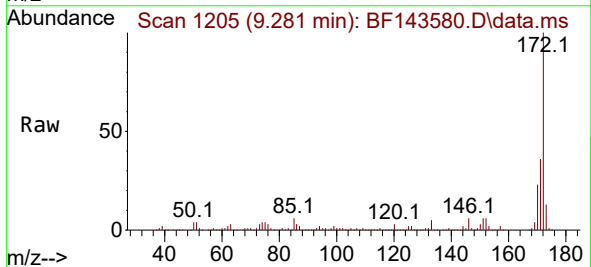
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ClientSampleId :
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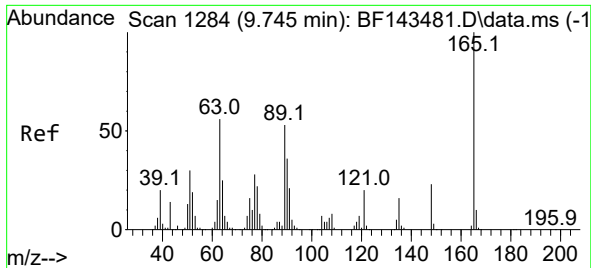
Tgt Ion: 330 Resp: 189073
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 34.1 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 49.484 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143580.D
Acq: 22 Aug 2025 18:51

Tgt Ion: 172 Resp: 766319
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.3 18.8 28.2

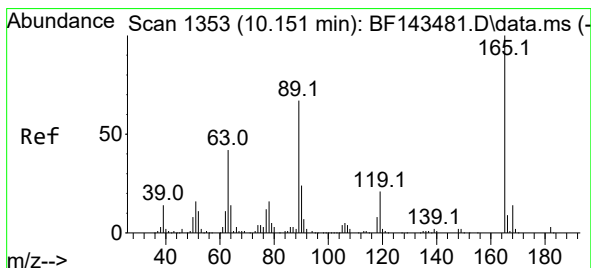
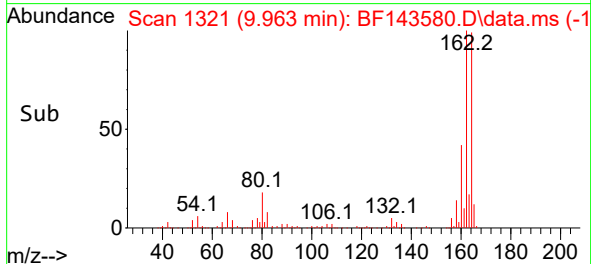
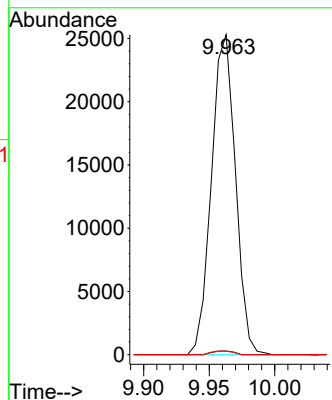
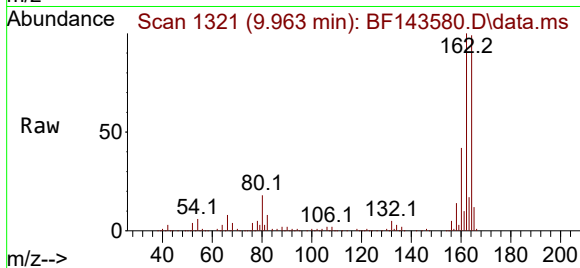




#51
2,6-Dinitrotoluene
Concen: 10.078 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF143580.D
Acq: 22 Aug 2025 18:51

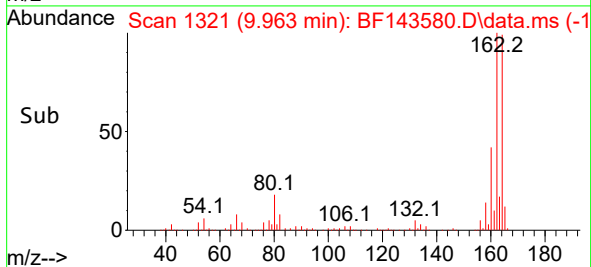
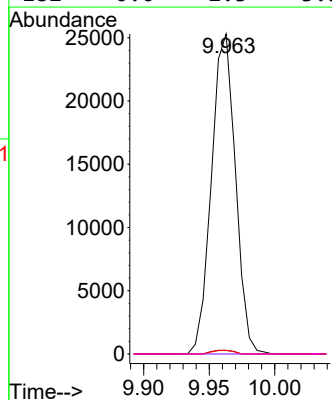
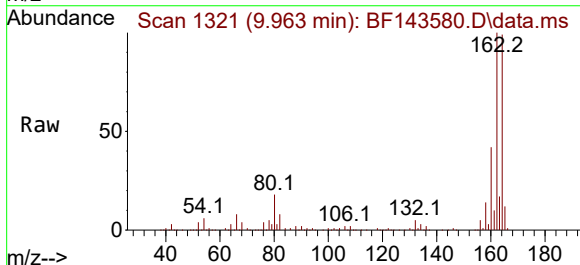
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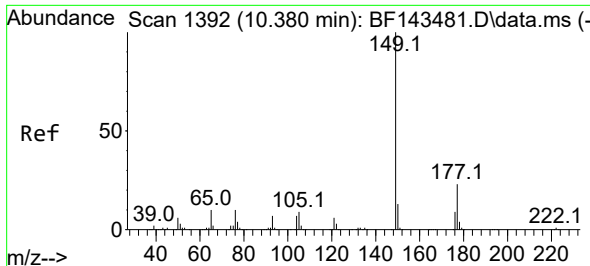
Tgt Ion:165 Resp: 32197
Ion Ratio Lower Upper
165 100
63 1.2 45.0 67.6#
89 1.1 42.5 63.7#



#57
2,4-Dinitrotoluene
Concen: 7.548 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF143580.D
Acq: 22 Aug 2025 18:51

Tgt Ion:165 Resp: 32197
Ion Ratio Lower Upper
165 100
63 1.2 34.9 52.3#
89 1.1 53.3 79.9#
182 0.0 2.3 3.5#

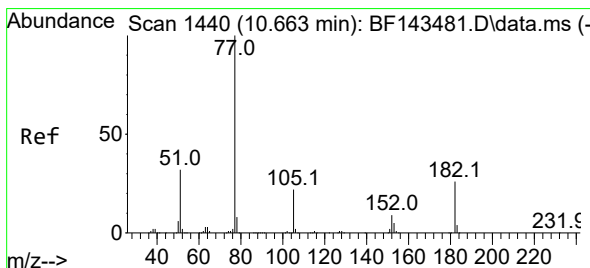
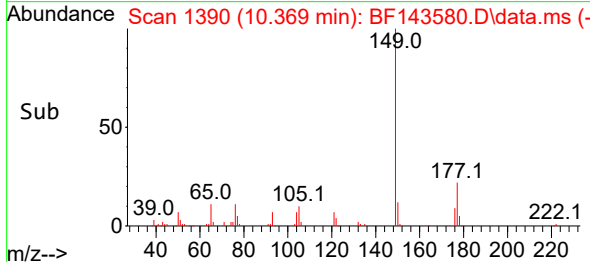
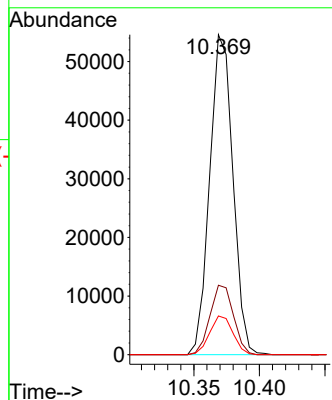
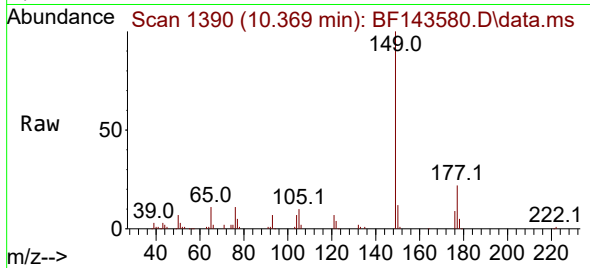




#60
Diethylphthalate
Concen: 4.860 ng
RT: 10.369 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF143580.D
Acq: 22 Aug 2025 18:51

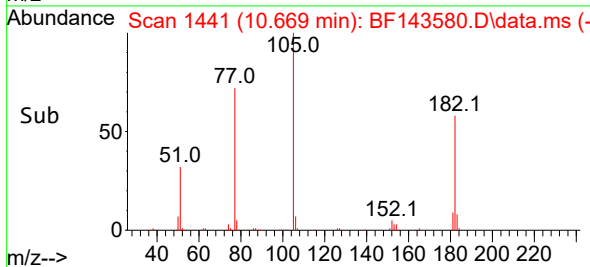
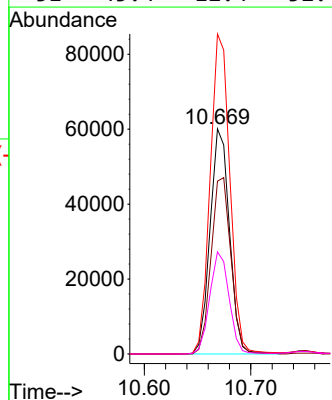
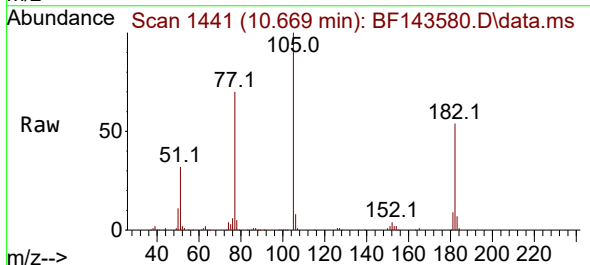
Instrument :
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ClientSampleId :
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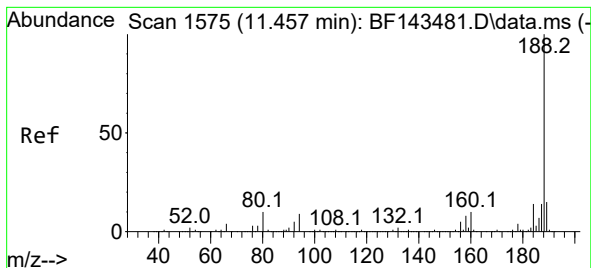
Tgt Ion:149 Resp: 67172
Ion Ratio Lower Upper
149 100
177 21.7 18.3 27.5
150 12.1 10.3 15.5



#63
Azobenzene
Concen: 5.309 ng
RT: 10.669 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF143580.D
Acq: 22 Aug 2025 18:51

Tgt Ion: 77 Resp: 76072
Ion Ratio Lower Upper
77 100
182 76.8 6.2 46.2#
105 142.2 2.2 42.2#
51 45.4 12.4 52.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143580.D

Acq: 22 Aug 2025 18:51

Instrument :

BNA_F

ClientSampleId :

BRIDGE-EAST

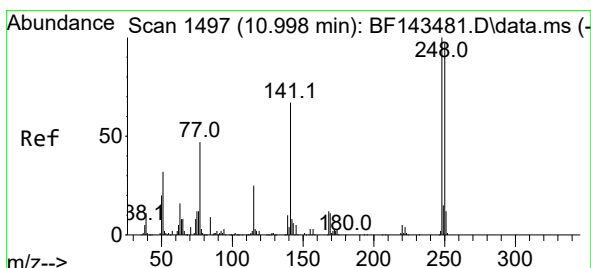
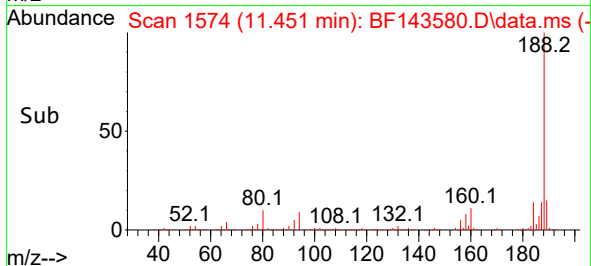
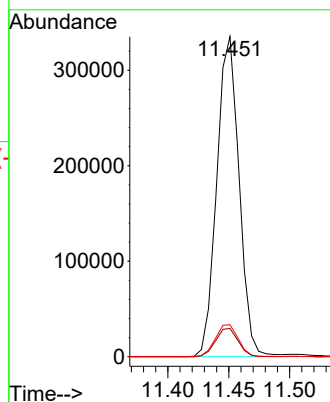
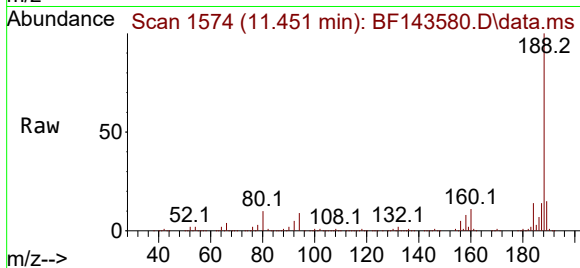
Tgt Ion:188 Resp: 428051

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 10.0 8.2 12.4



#67

4-Bromophenyl-phenylether

Concen: 2.561 ng

RT: 10.751 min Scan# 1455

Delta R.T. -0.247 min

Lab File: BF143580.D

Acq: 22 Aug 2025 18:51

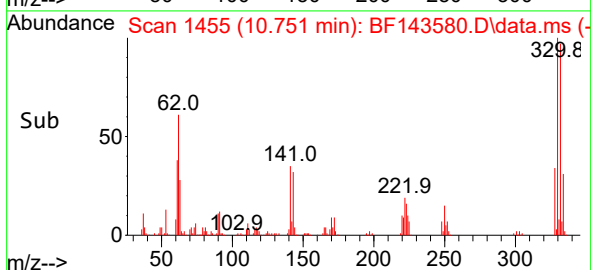
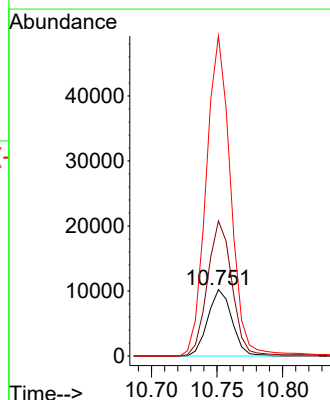
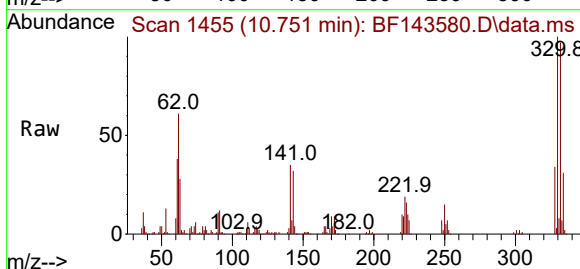
Tgt Ion:248 Resp: 13079

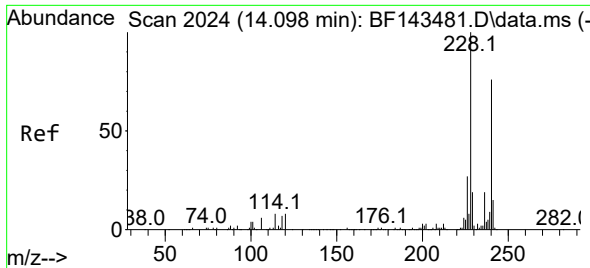
Ion Ratio Lower Upper

248 100

250 203.3 77.8 116.8#

141 481.8 54.0 81.0#

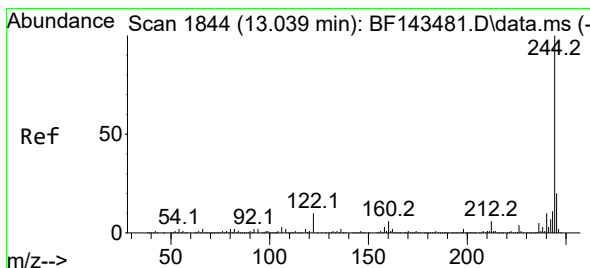
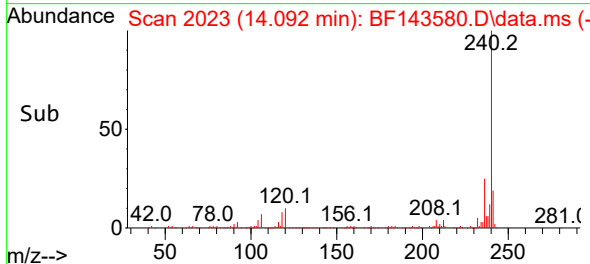
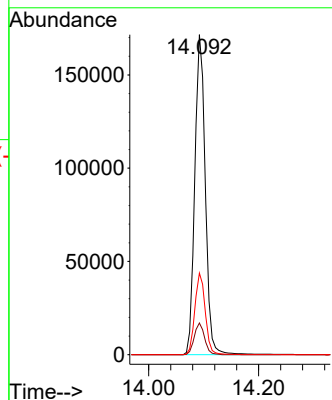
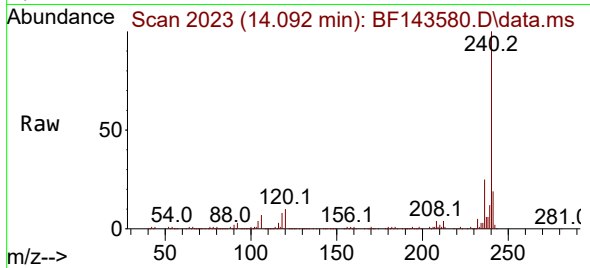




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF143580.D
Acq: 22 Aug 2025 18:51

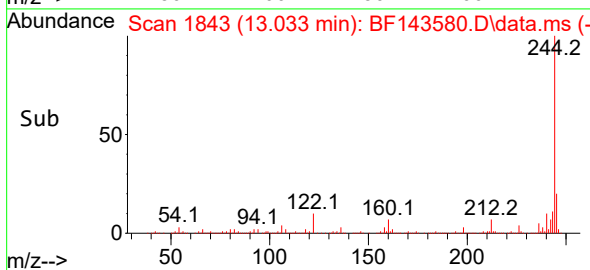
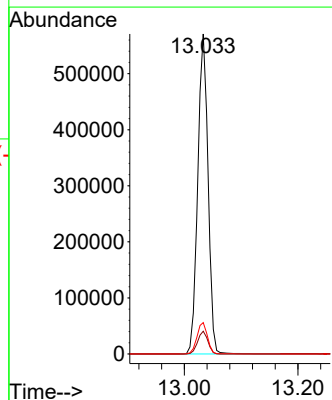
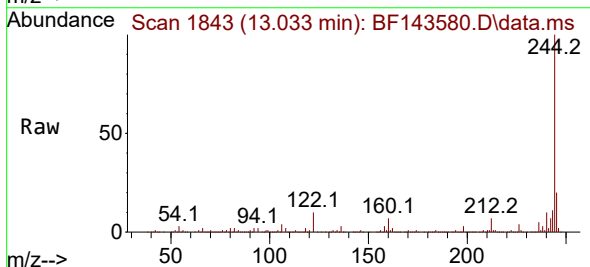
Instrument :
BNA_F
ClientSampleId :
BRIDGE-EAST

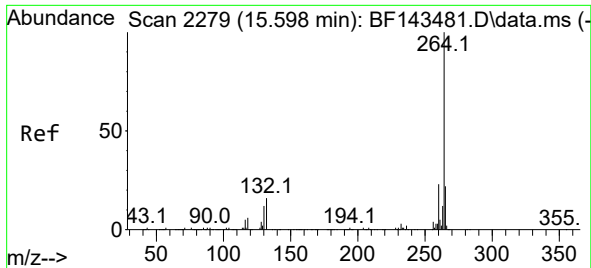
Tgt Ion:240 Resp: 227586
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 25.5 20.4 30.6



#79
Terphenyl-d14
Concen: 55.347 ng
RT: 13.033 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF143580.D
Acq: 22 Aug 2025 18:51

Tgt Ion:244 Resp: 721831
Ion Ratio Lower Upper
244 100
212 7.1 5.2 7.8
122 9.8 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143580.D
Acq: 22 Aug 2025 18:51

Instrument :
BNA_F
ClientSampleId :
BRIDGE-EAST

Tgt Ion:264 Resp: 208151
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.6 17.6 26.4

