

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143408.D
 Acq On : 15 Aug 2025 08:18
 Operator : RC/JU
 Sample : Q2815-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-10P-N

Quant Time: Aug 15 11:04:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	137416	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	517426	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	279031	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	403823	20.000	ng	0.00
76) Chrysene-d12	14.098	240	244621	20.000	ng	0.00
86) Perylene-d12	15.592	264	304602	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	770773	96.995	ng	0.01
7) Phenol-d6	6.563	99	768070	75.372	ng	0.00
23) Nitrobenzene-d5	7.492	82	993177	119.531	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	267970	131.408	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1695733	103.055	ng	0.00
79) Terphenyl-d14	13.039	244	1427221	104.164	ng	0.00

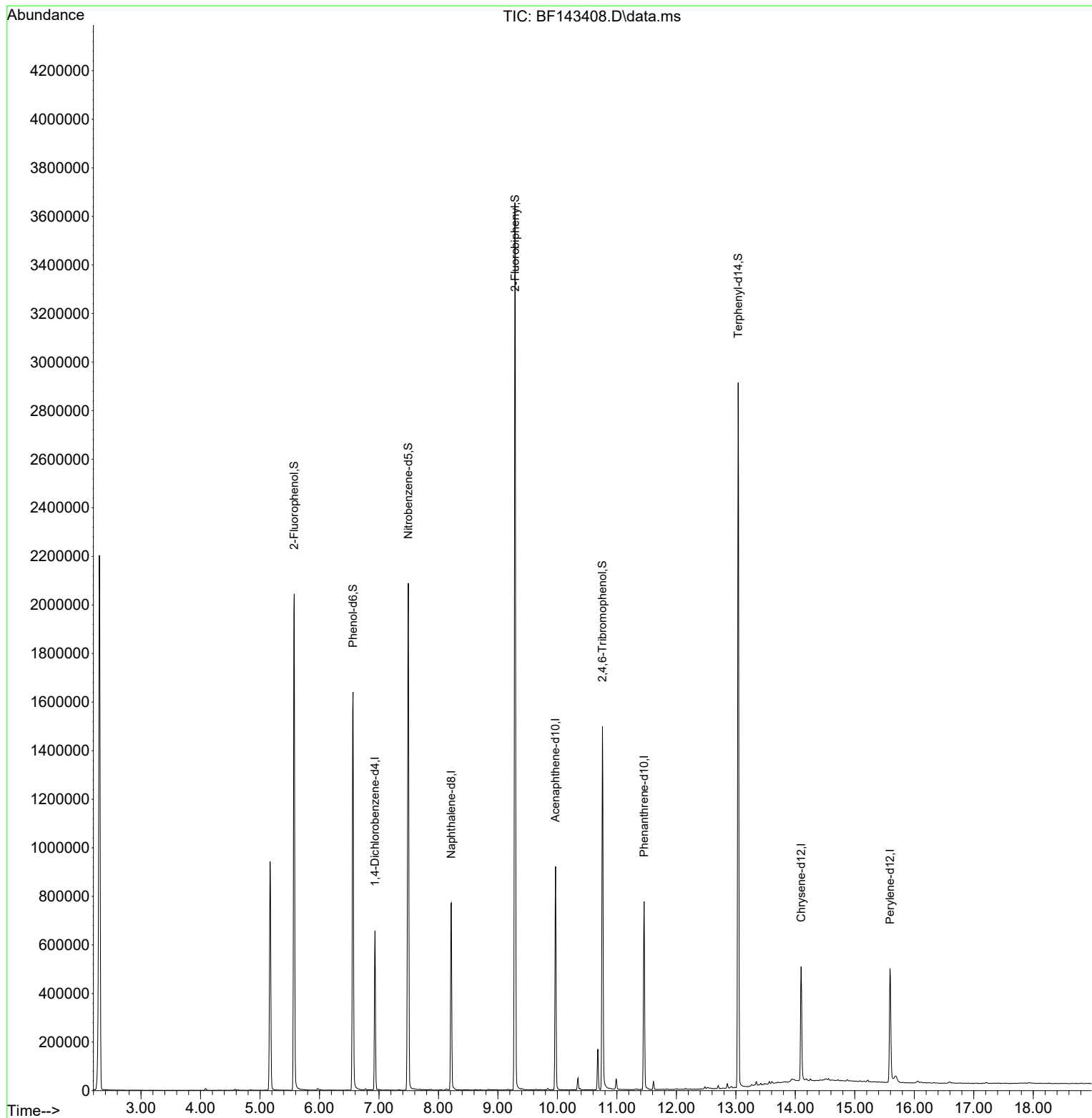
Target Compounds	Qvalue

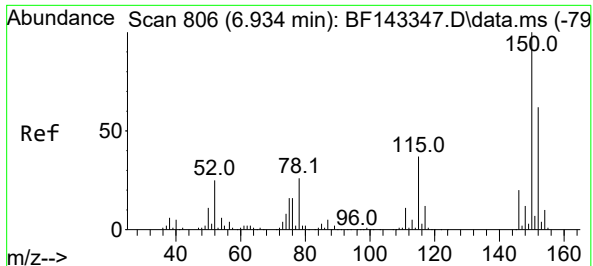
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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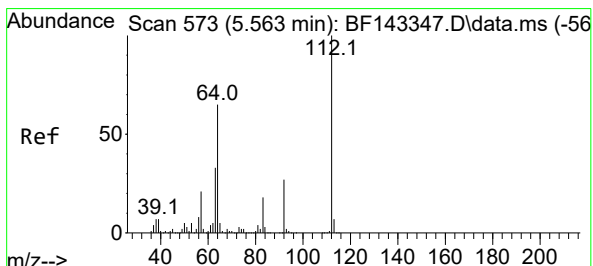
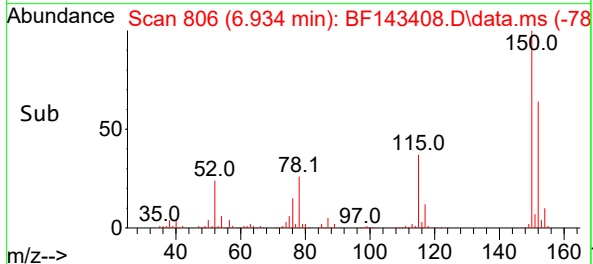
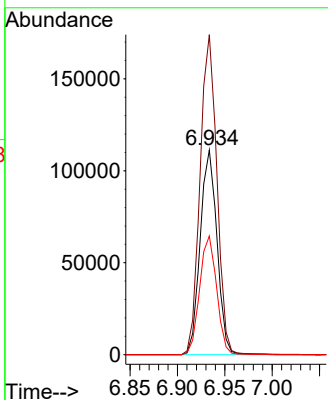
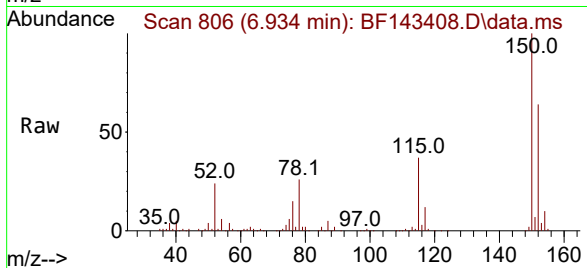




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF143408.D
Acq: 15 Aug 2025 08:18

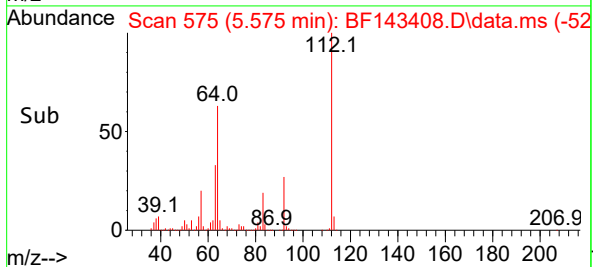
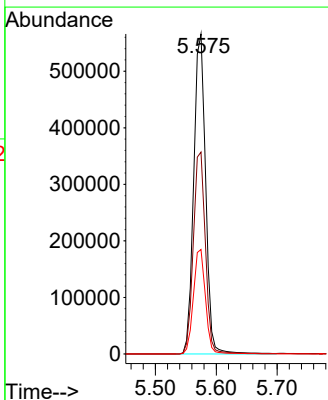
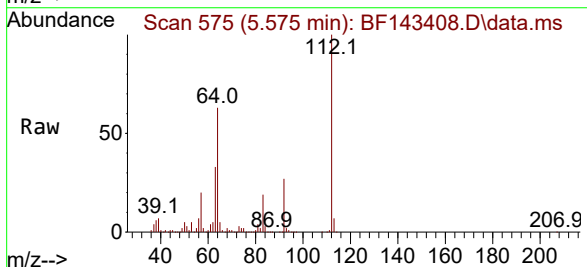
Instrument :
BNA_F
ClientSampleId :
TW-10P-N

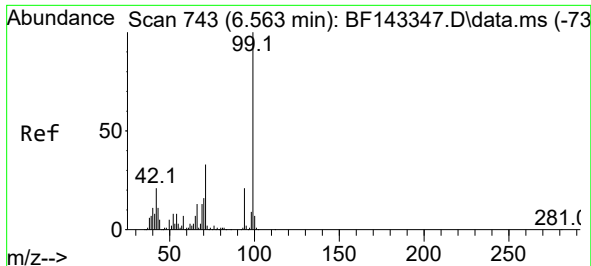
Tgt Ion:152 Resp: 137416
Ion Ratio Lower Upper
152 100
150 156.4 129.8 194.8
115 58.0 47.8 71.8



#5
2-Fluorophenol
Concen: 96.995 ng
RT: 5.575 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF143408.D
Acq: 15 Aug 2025 08:18

Tgt Ion:112 Resp: 770773
Ion Ratio Lower Upper
112 100
64 63.1 52.1 78.1
63 32.7 26.6 39.8

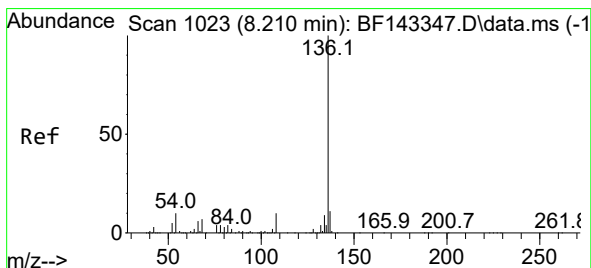
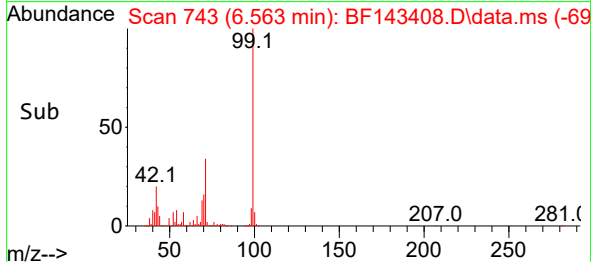
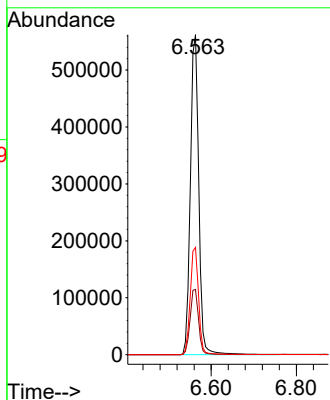
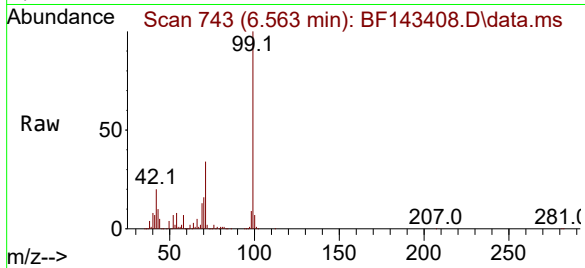




#7
Phenol-d6
Concen: 75.372 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF143408.D
Acq: 15 Aug 2025 08:18

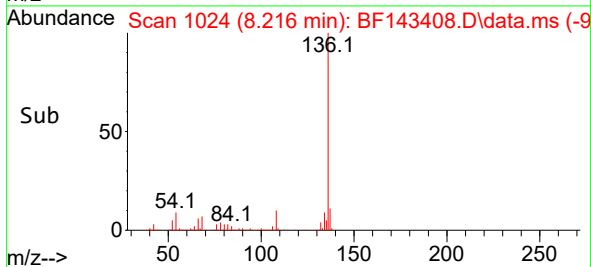
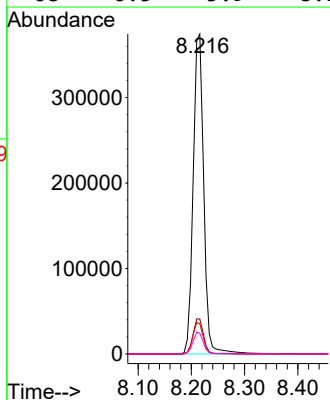
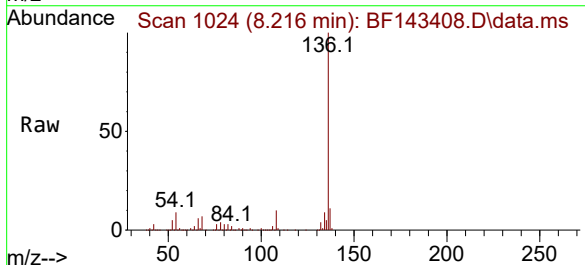
Instrument :
BNA_F
ClientSampleId :
TW-10P-N

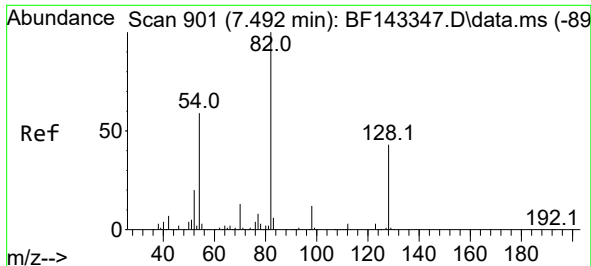
Tgt Ion: 99 Resp: 768070
Ion Ratio Lower Upper
99 100
42 20.4 16.6 25.0
71 33.5 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF143408.D
Acq: 15 Aug 2025 08:18

Tgt Ion: 136 Resp: 517426
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.4 8.4 12.6
68 6.5 5.9 8.9





#23

Nitrobenzene-d5

Concen: 119.531 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF143408.D

Acq: 15 Aug 2025 08:18

Instrument :

BNA_F

ClientSampleId :

TW-10P-N

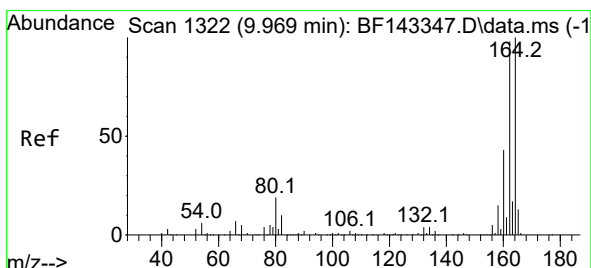
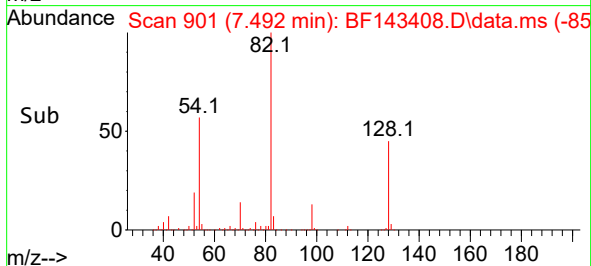
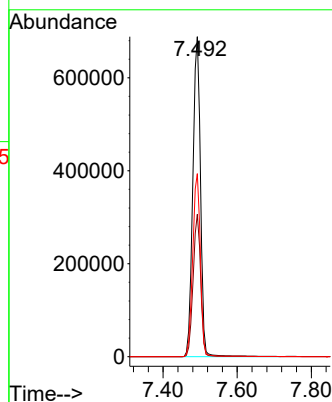
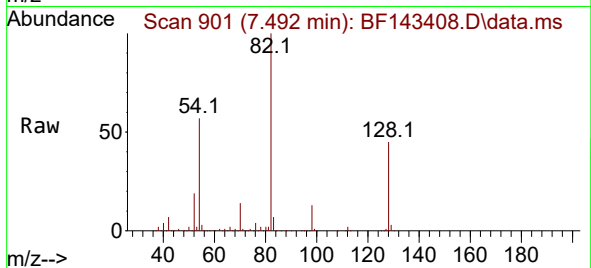
Tgt Ion: 82 Resp: 993177

Ion Ratio Lower Upper

82 100

128 44.5 33.5 50.3

54 57.2 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF143408.D

Acq: 15 Aug 2025 08:18

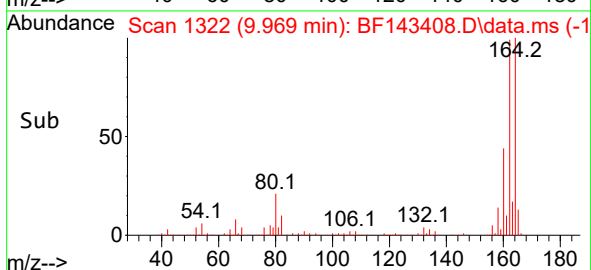
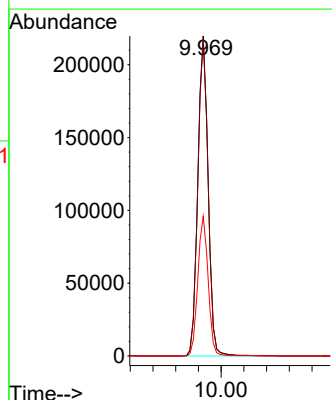
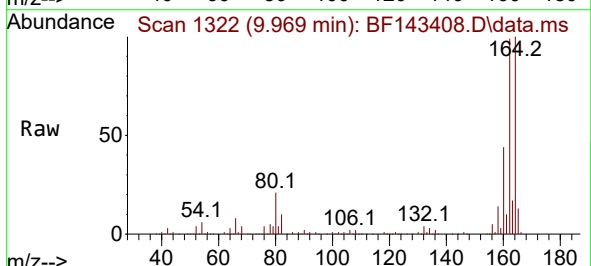
Tgt Ion: 164 Resp: 279031

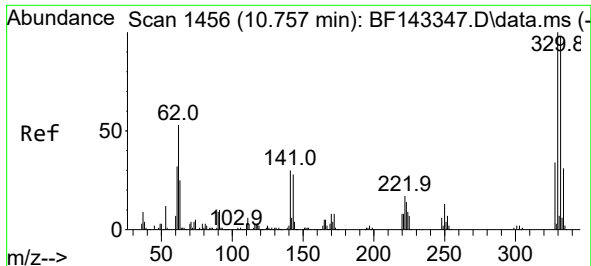
Ion Ratio Lower Upper

164 100

162 98.8 78.6 118.0

160 43.7 34.4 51.6

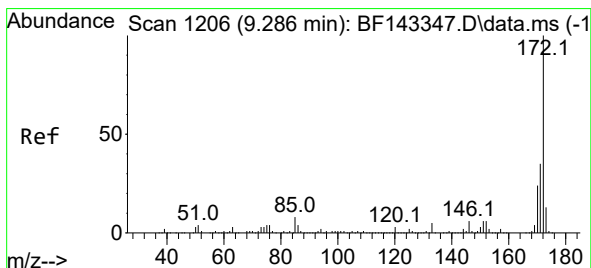
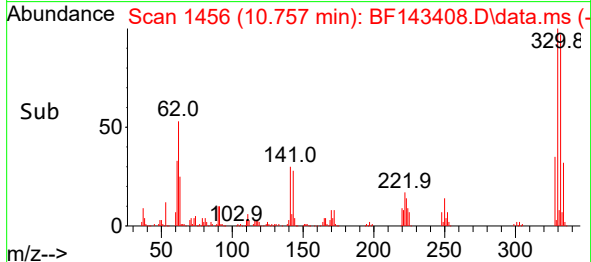
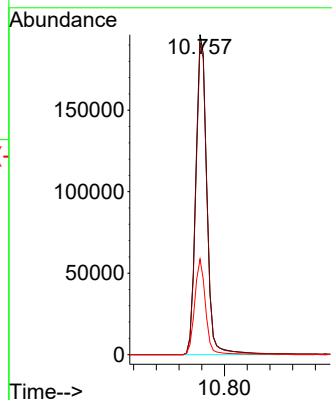
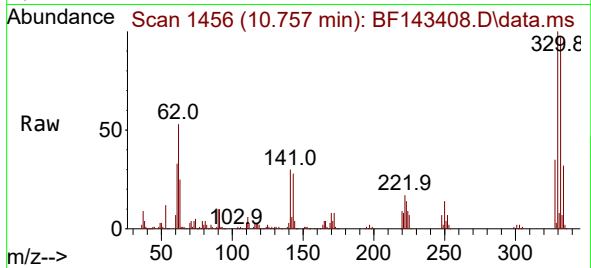




#42
 2,4,6-Tribromophenol
 Concen: 131.408 ng
 RT: 10.757 min Scan# 1456
 Delta R.T. -0.000 min
 Lab File: BF143408.D
 Acq: 15 Aug 2025 08:18

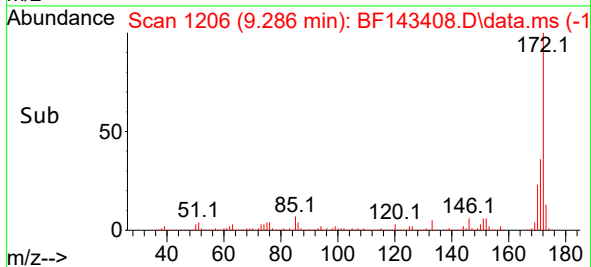
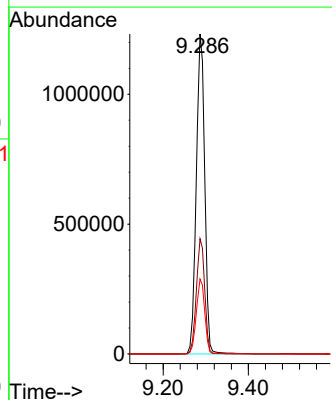
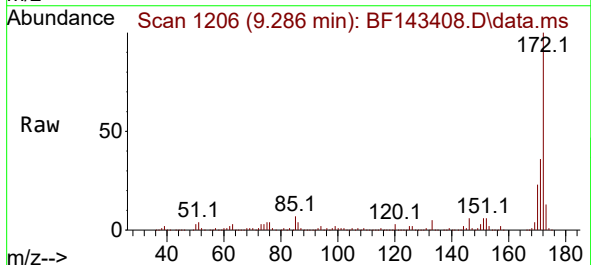
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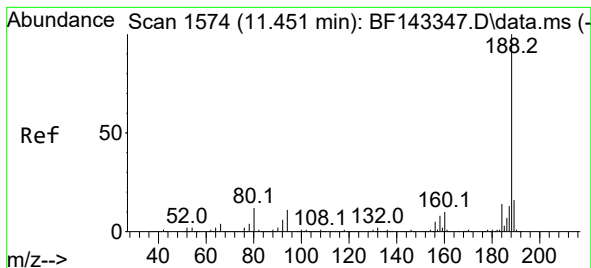
Tgt Ion:330 Resp: 267970
 Ion Ratio Lower Upper
 330 100
 332 98.3 78.1 117.1
 141 29.7 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 103.055 ng
 RT: 9.286 min Scan# 1206
 Delta R.T. -0.000 min
 Lab File: BF143408.D
 Acq: 15 Aug 2025 08:18

Tgt Ion:172 Resp: 1695733
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.4 42.6
 170 23.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143408.D

Acq: 15 Aug 2025 08:18

Instrument :

BNA_F

ClientSampleId :

TW-10P-N

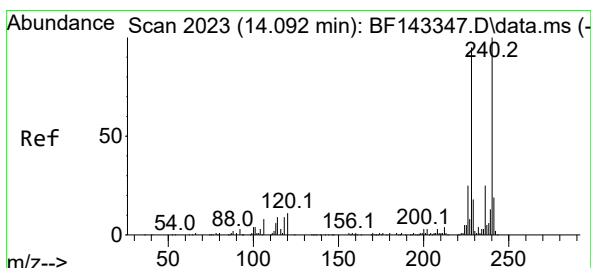
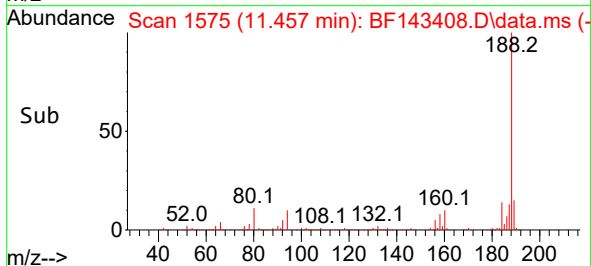
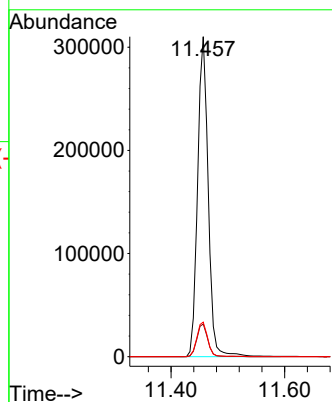
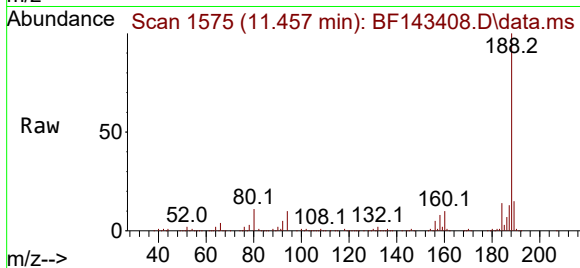
Tgt Ion:188 Resp: 403823

Ion Ratio Lower Upper

188 100

94 10.2 8.8 13.2

80 10.8 9.7 14.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.006 min

Lab File: BF143408.D

Acq: 15 Aug 2025 08:18

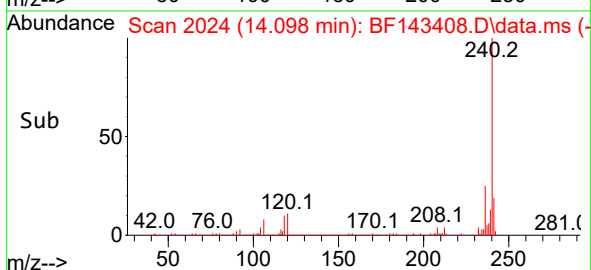
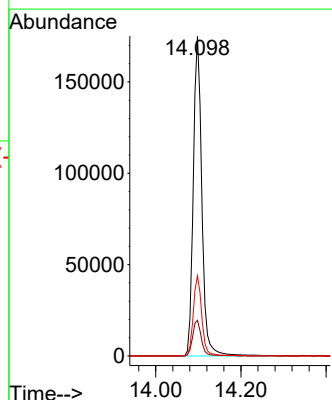
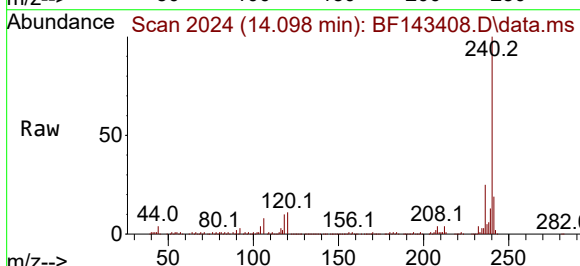
Tgt Ion:240 Resp: 244621

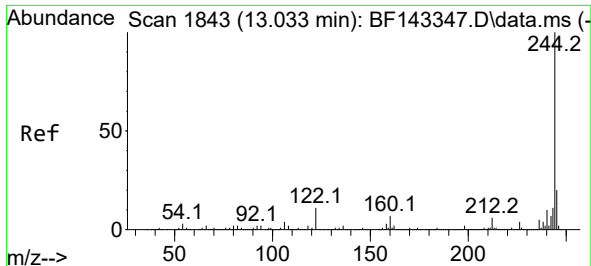
Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.6

236 25.0 19.9 29.9

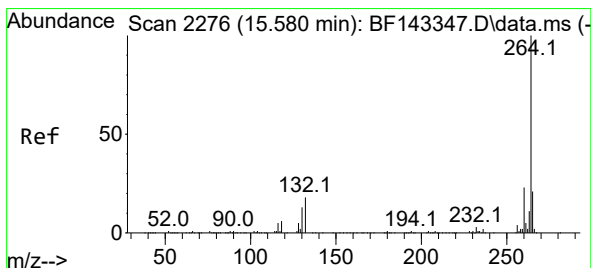
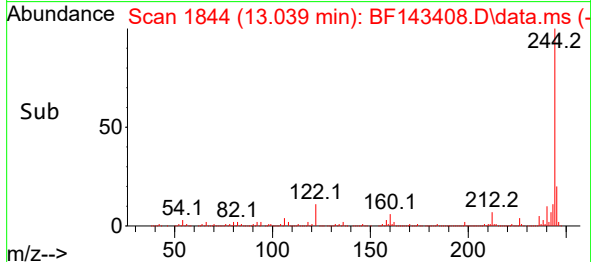
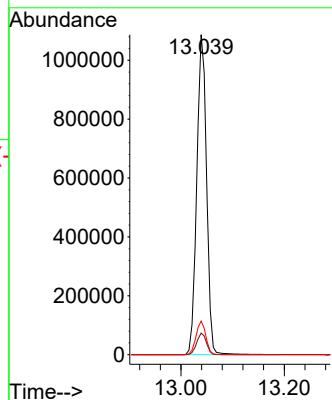
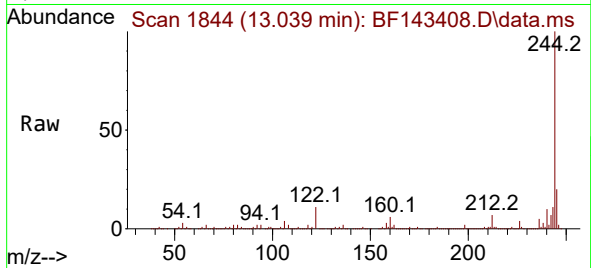




#79
 Terphenyl-d14
 Concen: 104.164 ng
 RT: 13.039 min Scan# 1844
 Delta R.T. 0.006 min
 Lab File: BF143408.D
 Acq: 15 Aug 2025 08:18

Instrument :
 BNA_F
 ClientSampleId :
 TW-10P-N

Tgt Ion:244 Resp: 1427221
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 10.5 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2278
 Delta R.T. 0.012 min
 Lab File: BF143408.D
 Acq: 15 Aug 2025 08:18

Tgt Ion:264 Resp: 304602
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 22.3 17.2 25.8

