

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143410.D
 Acq On : 15 Aug 2025 09:17
 Operator : RC/JU
 Sample : Q2815-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-88H-N

Quant Time: Aug 15 11:05:02 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)

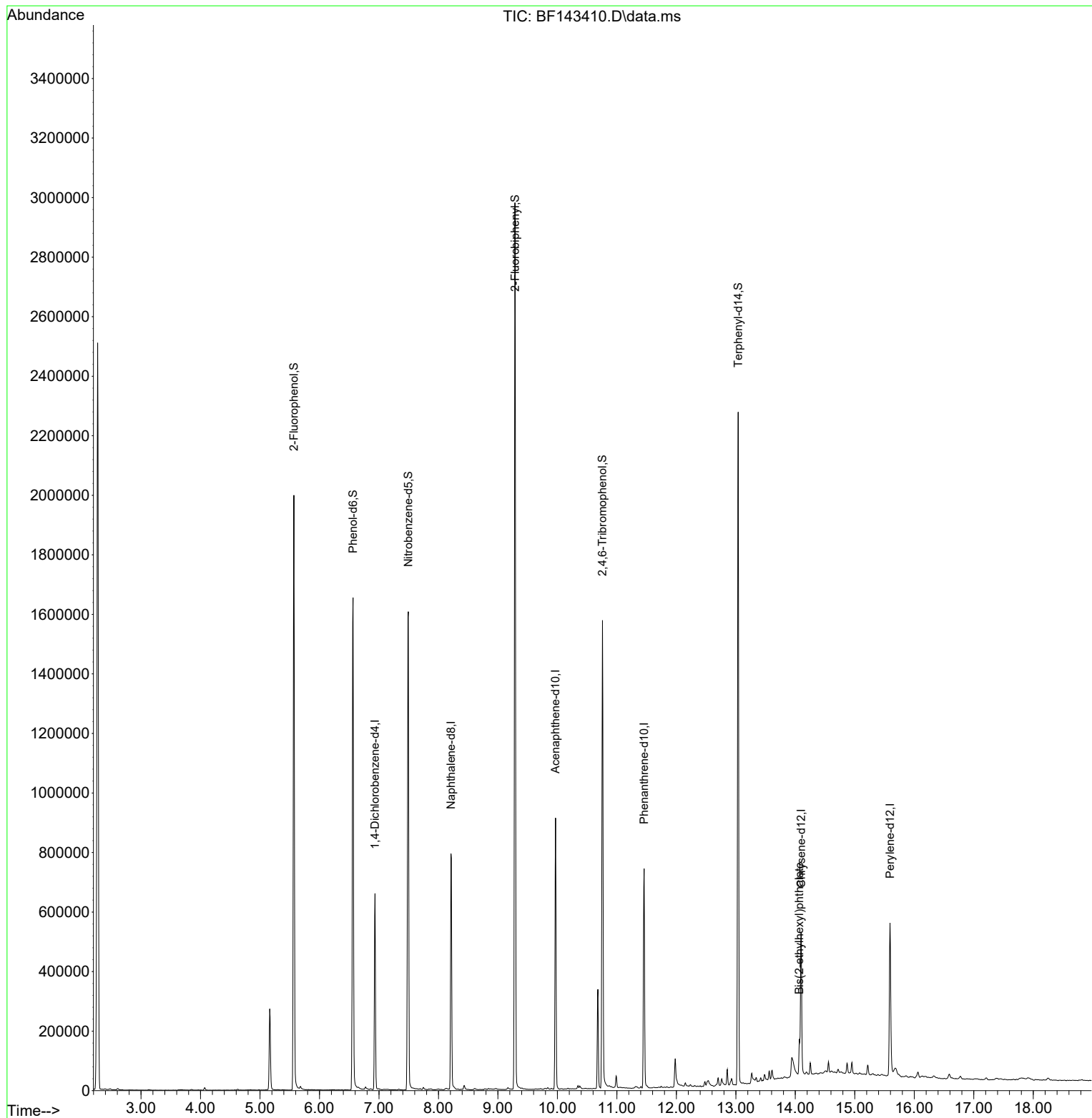
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	138807	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	524623	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	272374	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	390437	20.000	ng	0.00
76) Chrysene-d12	14.098	240	242841	20.000	ng	0.00
86) Perylene-d12	15.592	264	314030	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	722769	90.043	ng	0.00
7) Phenol-d6	6.563	99	775664	75.354	ng	0.00
23) Nitrobenzene-d5	7.492	82	754787	89.594	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	279070	140.196	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1324614	82.468	ng	0.00
79) Terphenyl-d14	13.039	244	1102839	81.079	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.068	149	43682	10.754	ng	Qvalue 98

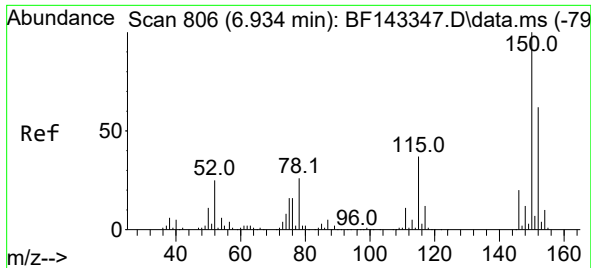
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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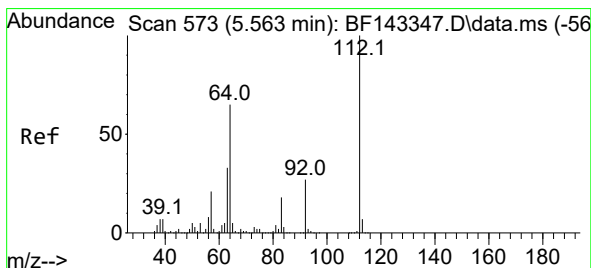
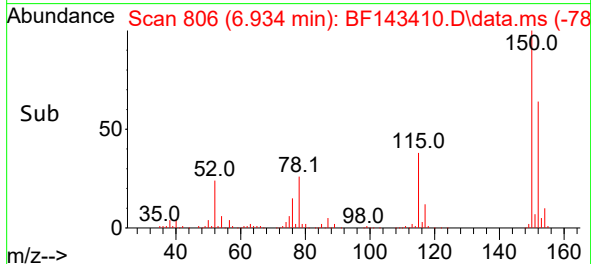
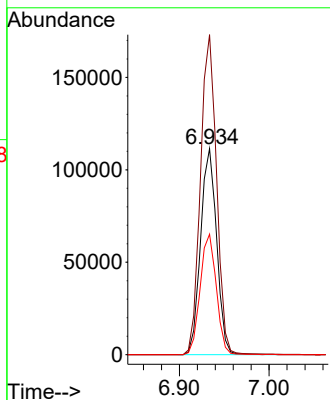
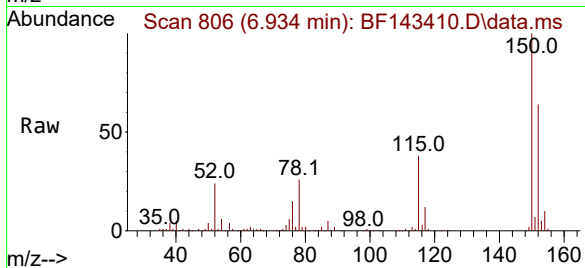




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF143410.D
Acq: 15 Aug 2025 09:17

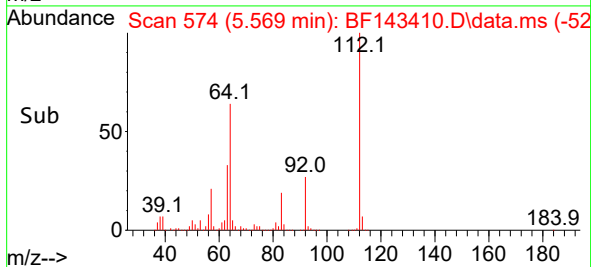
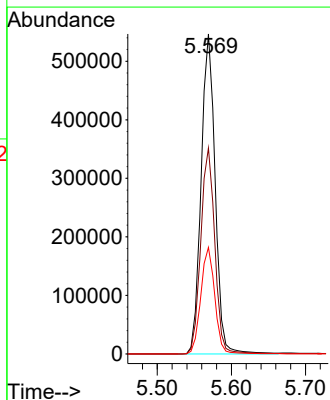
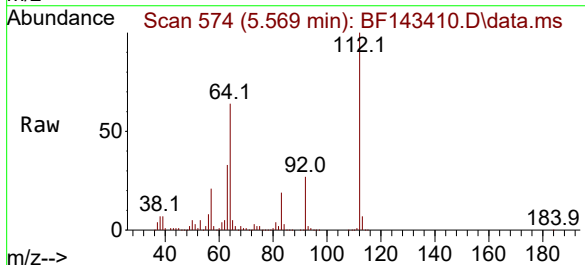
Instrument :
BNA_F
ClientSampleId :
TW-88H-N

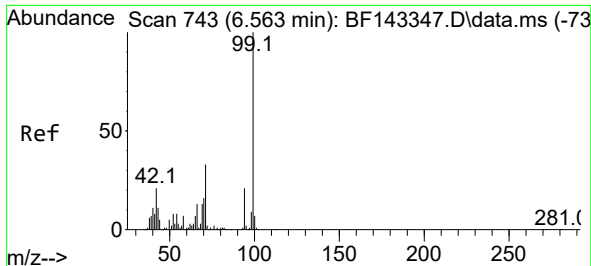
Tgt Ion:152 Resp: 138807
Ion Ratio Lower Upper
152 100
150 155.3 129.8 194.8
115 58.5 47.8 71.8



#5
2-Fluorophenol
Concen: 90.043 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF143410.D
Acq: 15 Aug 2025 09:17

Tgt Ion:112 Resp: 722769
Ion Ratio Lower Upper
112 100
64 64.3 52.1 78.1
63 33.3 26.6 39.8

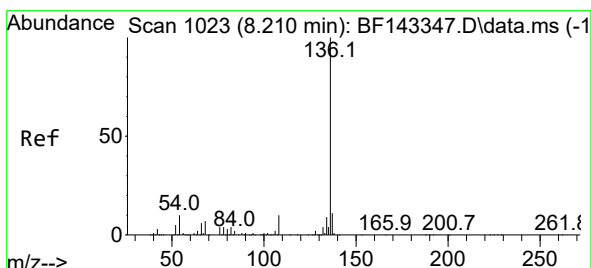
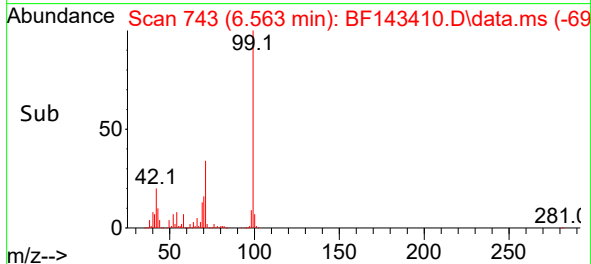
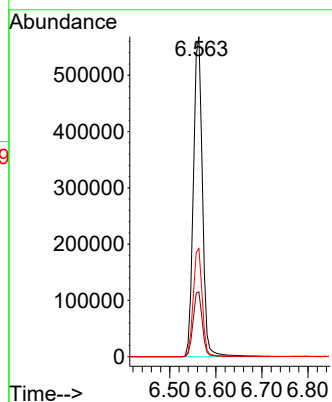
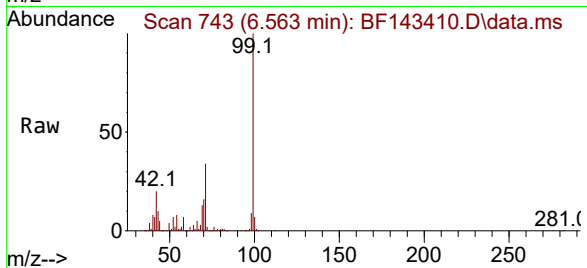




#7
Phenol-d6
Concen: 75.354 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF143410.D
Acq: 15 Aug 2025 09:17

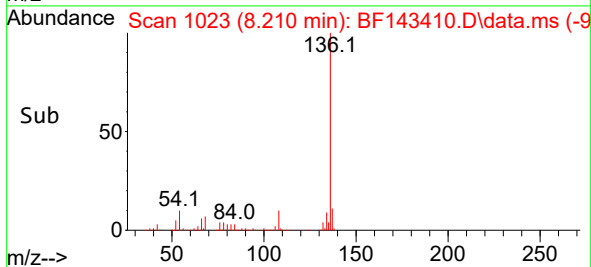
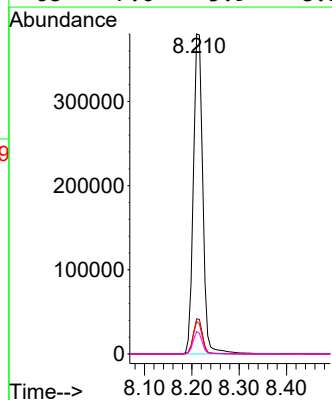
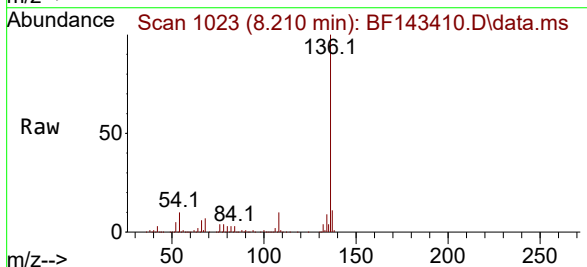
Instrument :
BNA_F
ClientSampleId :
TW-88H-N

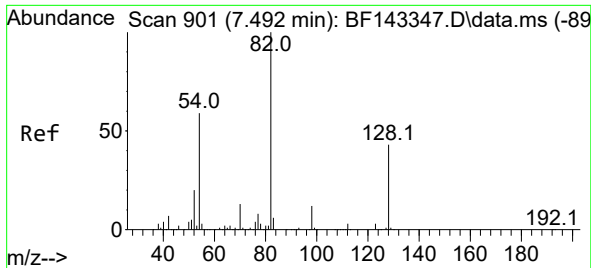
Tgt Ion: 99 Resp: 775664
Ion Ratio Lower Upper
99 100
42 20.3 16.6 25.0
71 33.8 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143410.D
Acq: 15 Aug 2025 09:17

Tgt Ion: 136 Resp: 524623
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.1 8.4 12.6
68 7.0 5.9 8.9





#23

Nitrobenzene-d5

Concen: 89.594 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF143410.D

Acq: 15 Aug 2025 09:17

Instrument :

BNA_F

ClientSampleId :

TW-88H-N

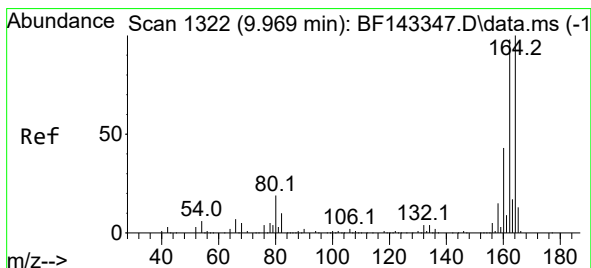
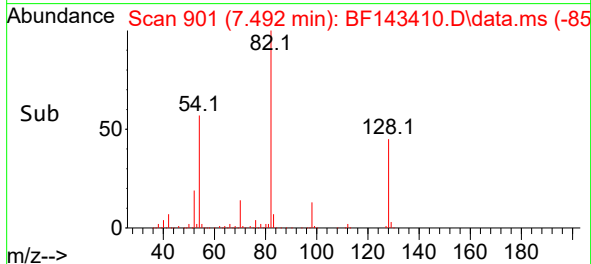
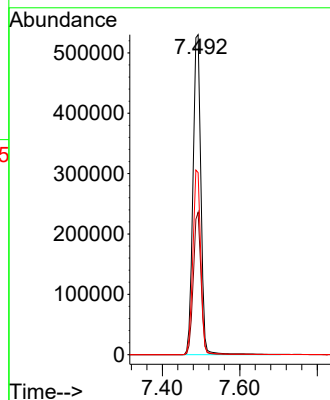
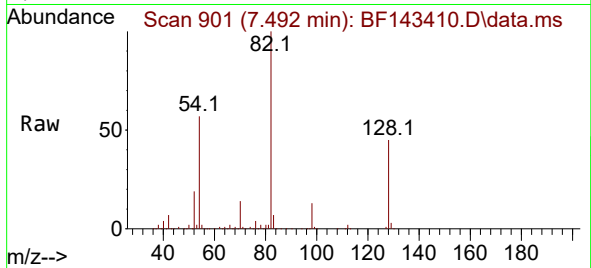
Tgt Ion: 82 Resp: 754787

Ion Ratio Lower Upper

82 100

128 44.5 33.5 50.3

54 56.9 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: BF143410.D

Acq: 15 Aug 2025 09:17

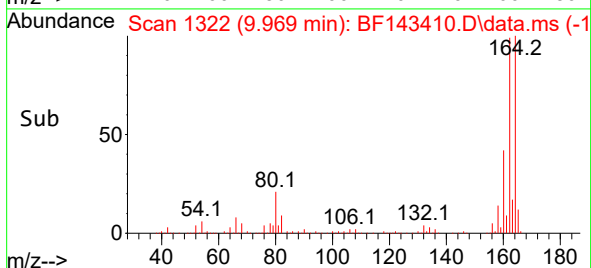
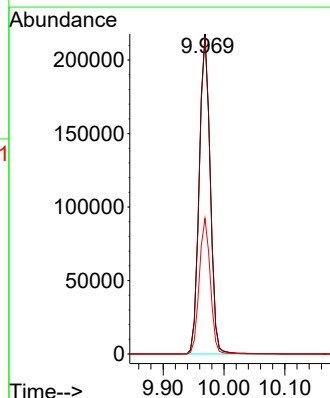
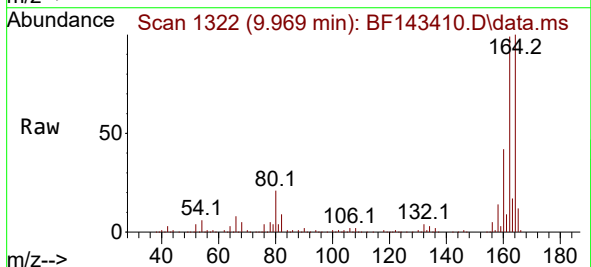
Tgt Ion:164 Resp: 272374

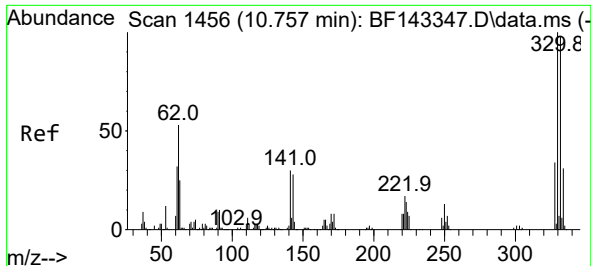
Ion Ratio Lower Upper

164 100

162 99.1 78.6 118.0

160 42.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 140.196 ng

RT: 10.757 min Scan# 1456

Delta R.T. -0.000 min

Lab File: BF143410.D

Acq: 15 Aug 2025 09:17

Instrument :

BNA_F

ClientSampleId :

TW-88H-N

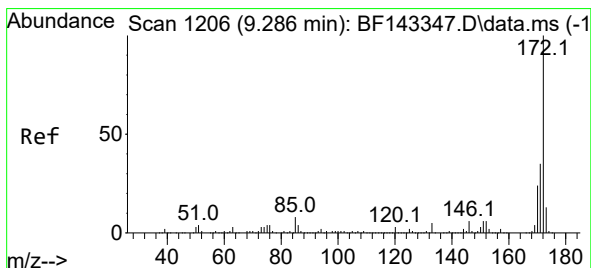
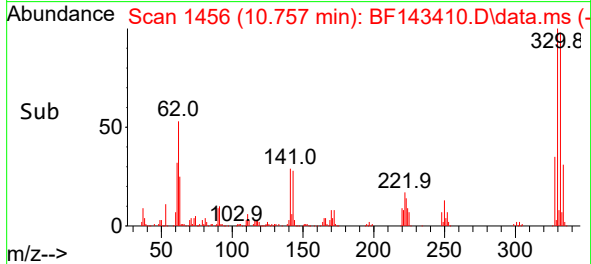
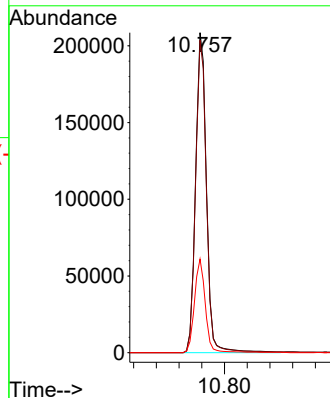
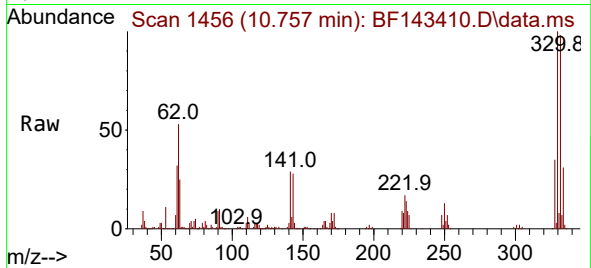
Tgt Ion:330 Resp: 279070

Ion Ratio Lower Upper

330 100

332 97.6 78.1 117.1

141 29.3 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 82.468 ng

RT: 9.286 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF143410.D

Acq: 15 Aug 2025 09:17

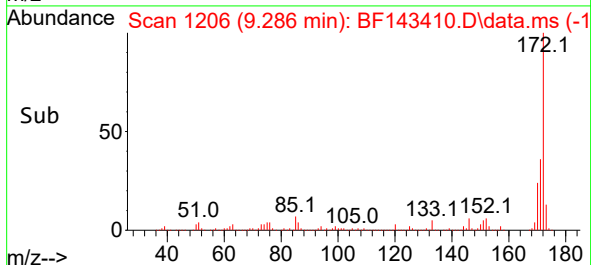
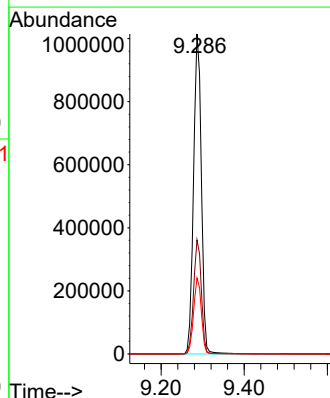
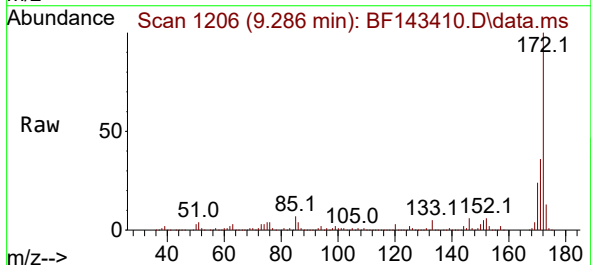
Tgt Ion:172 Resp: 1324614

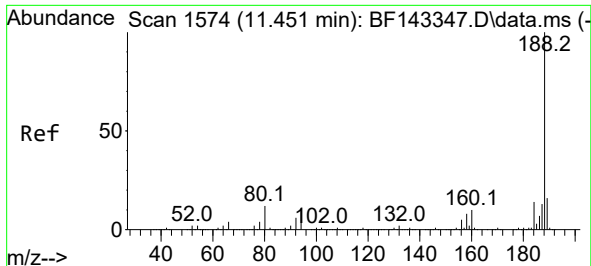
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.8 19.1 28.7

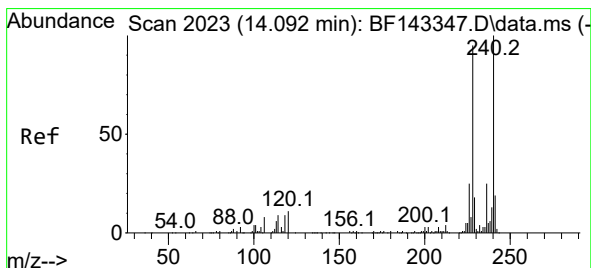
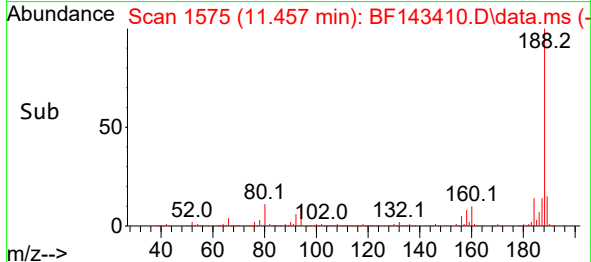
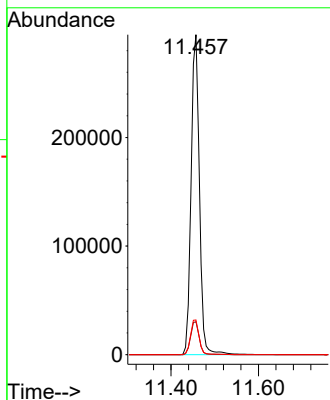
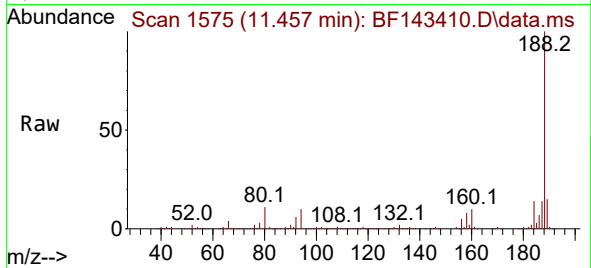




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143410.D
Acq: 15 Aug 2025 09:17

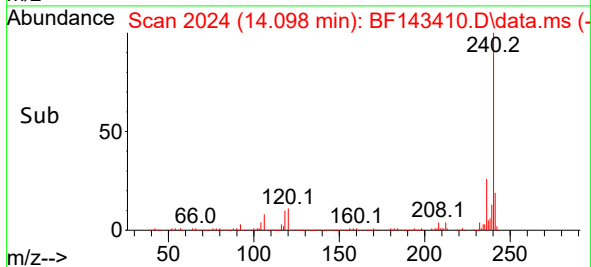
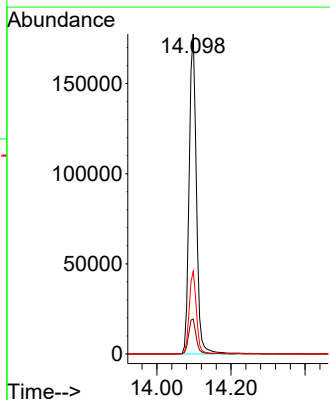
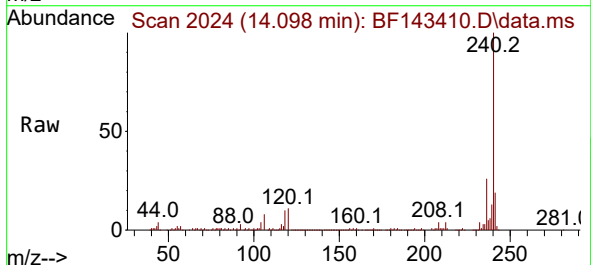
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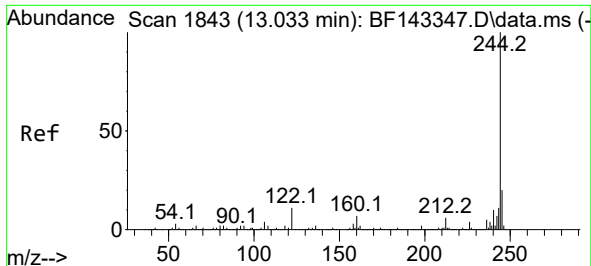
Tgt Ion:188 Resp: 390437
Ion Ratio Lower Upper
188 100
94 10.3 8.8 13.2
80 10.9 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF143410.D
Acq: 15 Aug 2025 09:17

Tgt Ion:240 Resp: 242841
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.6
236 25.9 19.9 29.9

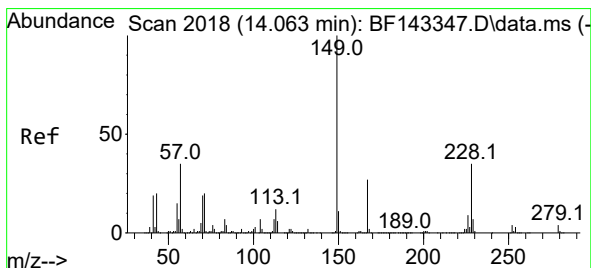
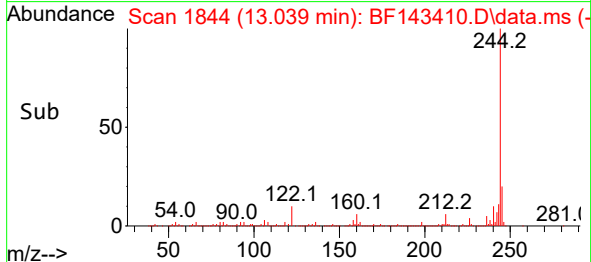
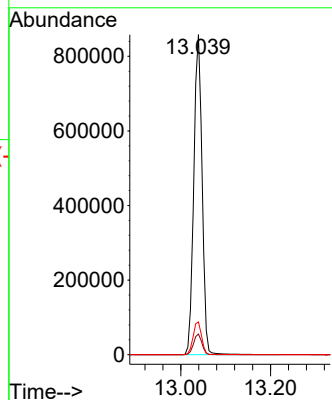
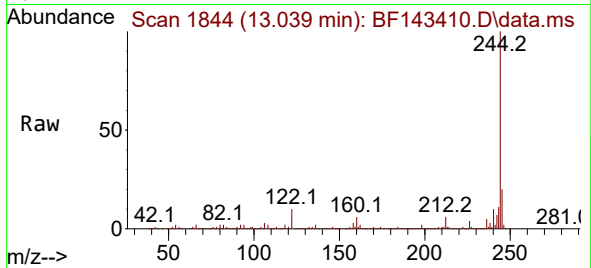




#79
 Terphenyl-d14
 Concen: 81.079 ng
 RT: 13.039 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF143410.D
 Acq: 15 Aug 2025 09:17

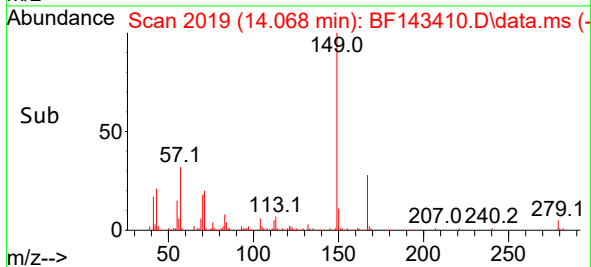
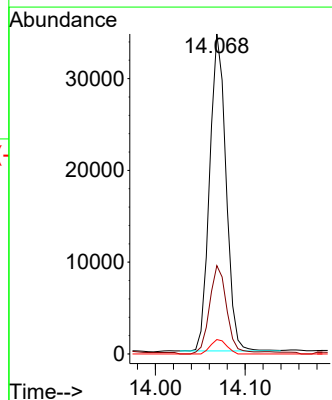
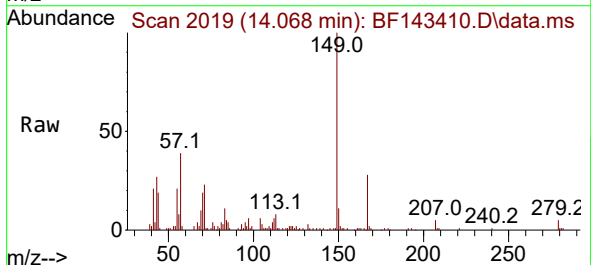
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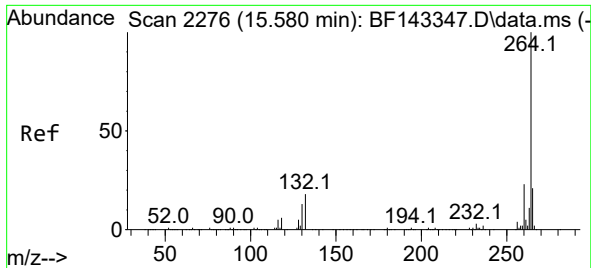
Tgt Ion:244 Resp: 1102839
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.3 8.9 13.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.754 ng
 RT: 14.068 min Scan# 2019
 Delta R.T. 0.005 min
 Lab File: BF143410.D
 Acq: 15 Aug 2025 09:17

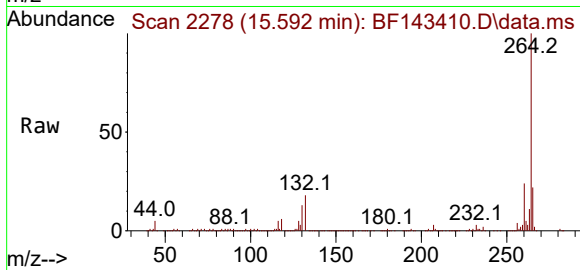
Tgt Ion:149 Resp: 43682
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.4 32.0
 279 4.5 3.2 4.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF143410.D
 Acq: 15 Aug 2025 09:17

Instrument :
 BNA_F
 ClientSampleId :
 TW-88H-N



Tgt Ion:264 Resp: 314030
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.7 17.2 25.8

