

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143352.D
 Acq On : 12 Aug 2025 14:22
 Operator : RC/JU
 Sample : PB169189BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169189BL

Quant Time: Aug 12 15:10:52 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	6.928	152	164595	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	636089	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	350207	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	576646	20.000	ng	0.00
76) Chrysene-d12	14.086	240	343112	20.000	ng	0.00
86) Perylene-d12	15.580	264	274972	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1191036	125.132	ng	0.00
7) Phenol-d6	6.557	99	1531883	125.503	ng	0.00
23) Nitrobenzene-d5	7.487	82	975908	95.542	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	404753	158.144	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1748683	84.674	ng	0.00
79) Terphenyl-d14	13.033	244	1875902	97.610	ng	0.00

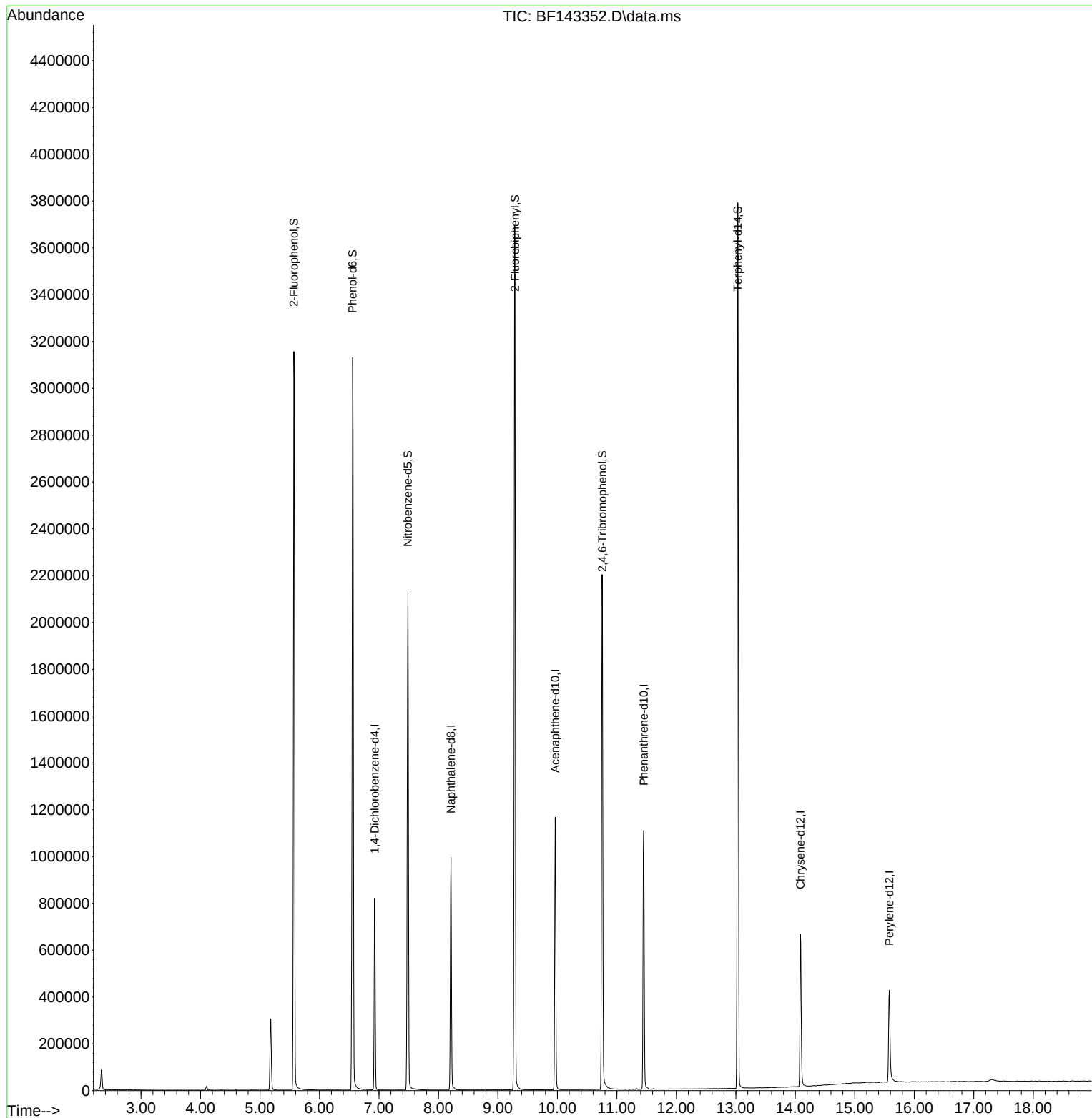
Target Compounds	Qvalue

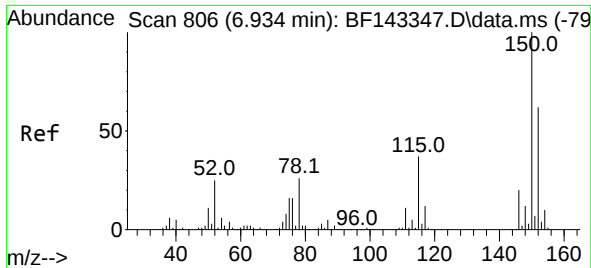
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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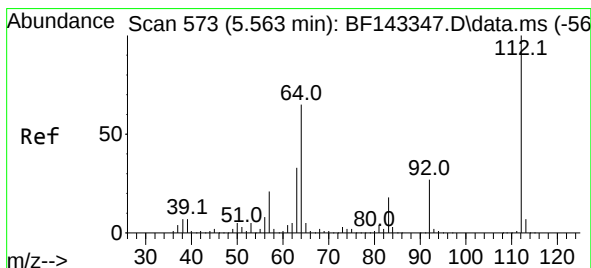
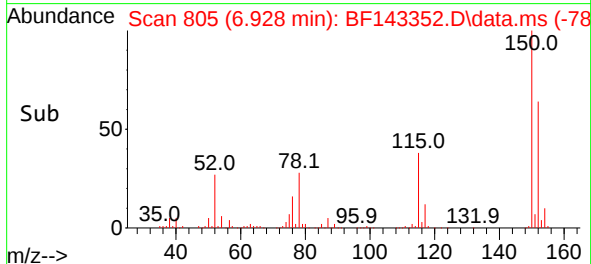
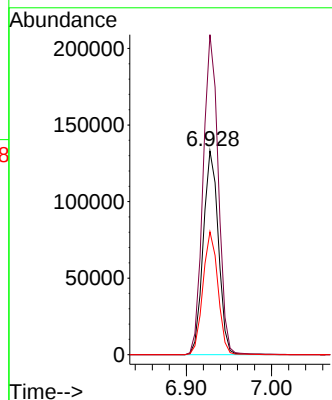
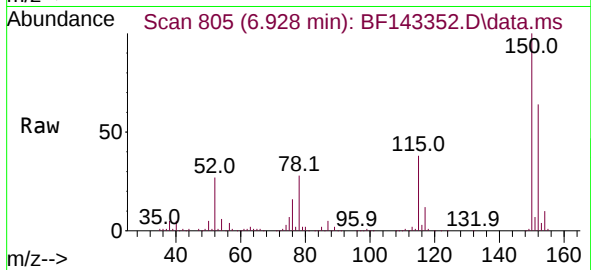




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF143352.D
Acq: 12 Aug 2025 14:22

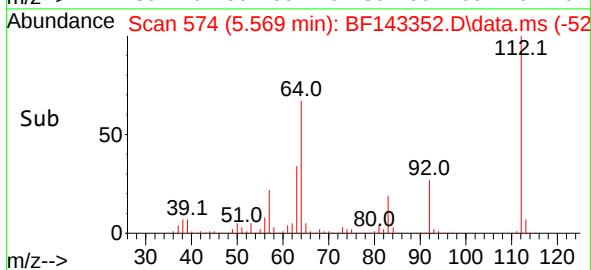
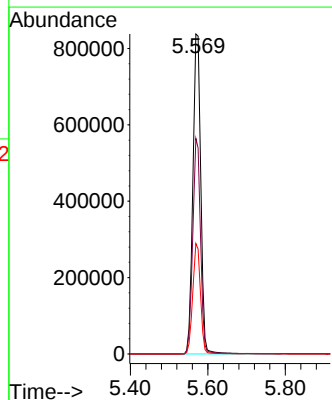
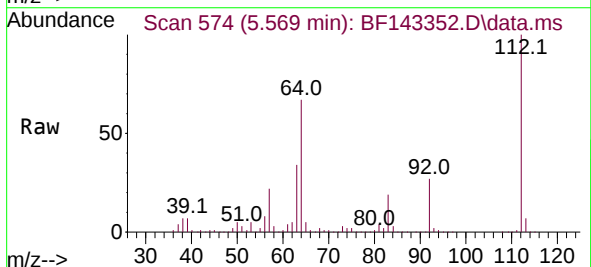
Instrument :
BNA_F
ClientSampleId :
PB169189BL

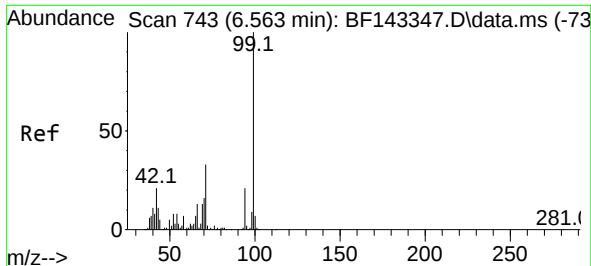
Tgt Ion:152 Resp: 164595
Ion Ratio Lower Upper
152 100
150 157.1 129.8 194.8
115 60.3 47.8 71.8



#5
2-Fluorophenol
Concen: 125.132 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF143352.D
Acq: 12 Aug 2025 14:22

Tgt Ion:112 Resp: 1191036
Ion Ratio Lower Upper
112 100
64 67.3 52.1 78.1
63 34.5 26.6 39.8

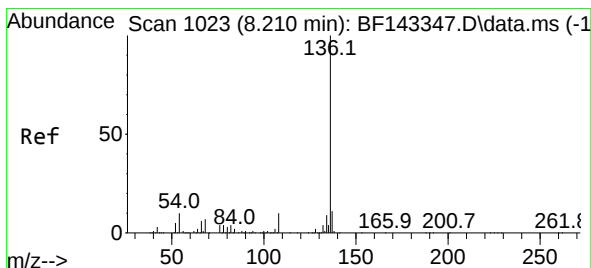
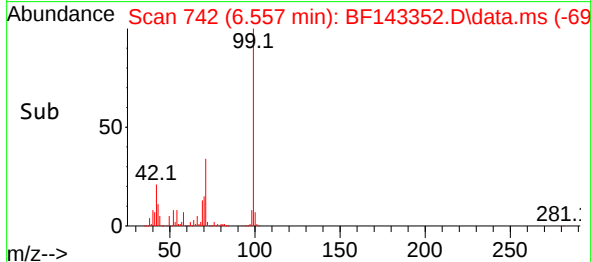
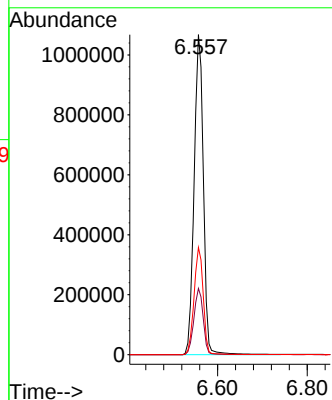
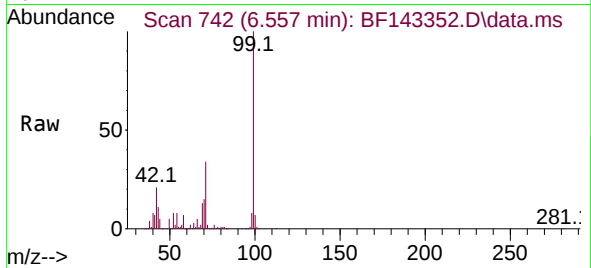




#7
Phenol-d6
Concen: 125.503 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF143352.D
Acq: 12 Aug 2025 14:22

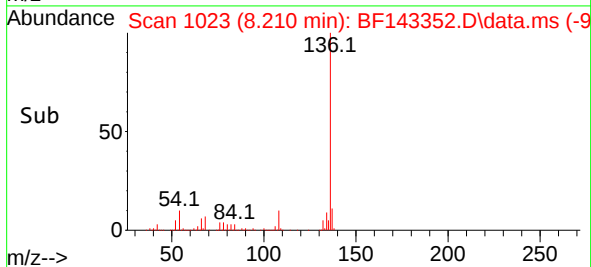
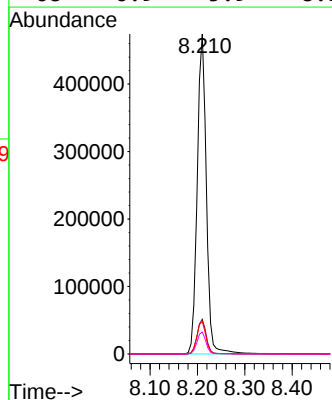
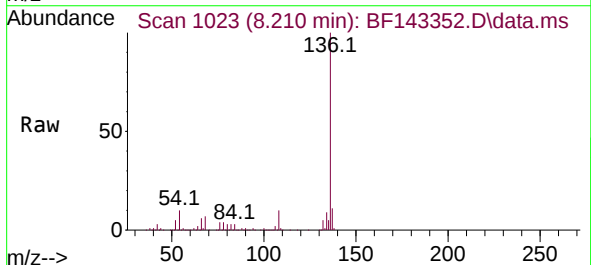
Instrument :
BNA_F
ClientSampleId :
PB169189BL

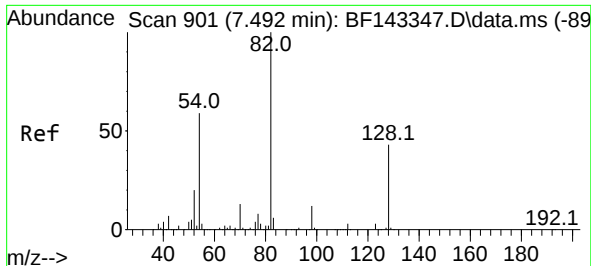
Tgt Ion: 99 Resp: 1531883
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 33.5 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143352.D
Acq: 12 Aug 2025 14:22

Tgt Ion: 136 Resp: 636089
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.2 8.4 12.6
68 6.9 5.9 8.9





#23

Nitrobenzene-d5

Concen: 95.542 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143352.D

Acq: 12 Aug 2025 14:22

Instrument :

BNA_F

ClientSampleId :

PB169189BL

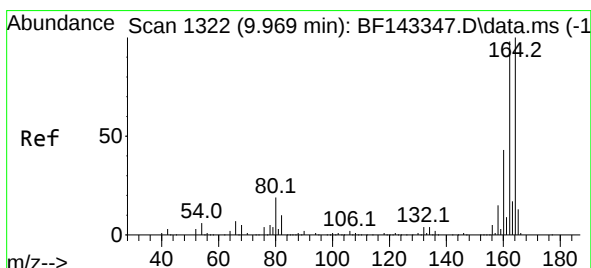
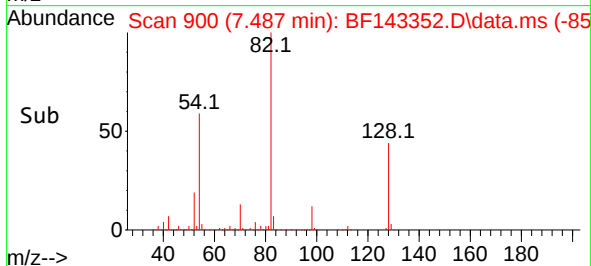
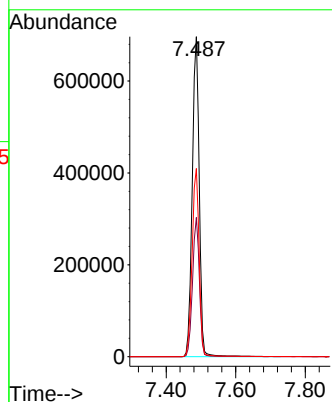
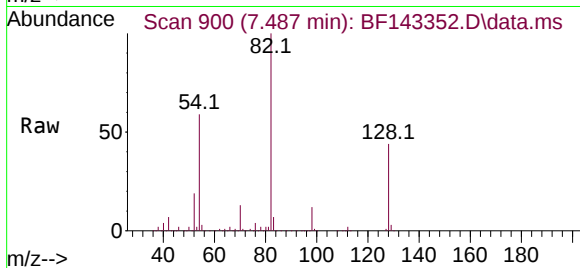
Tgt Ion: 82 Resp: 975908

Ion Ratio Lower Upper

82 100

128 43.5 33.5 50.3

54 58.8 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF143352.D

Acq: 12 Aug 2025 14:22

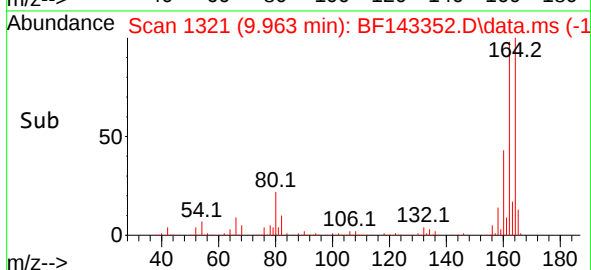
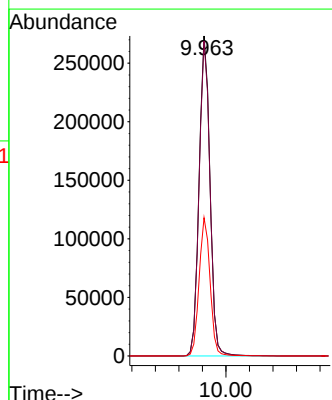
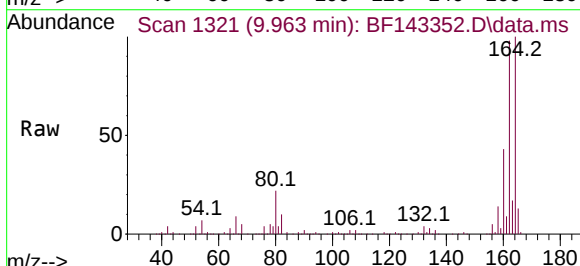
Tgt Ion:164 Resp: 350207

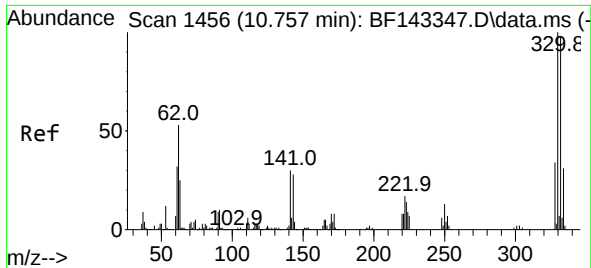
Ion Ratio Lower Upper

164 100

162 98.5 78.6 118.0

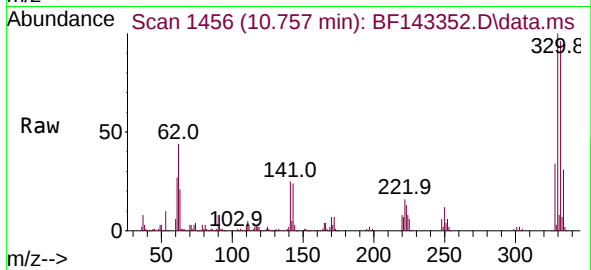
160 43.2 34.4 51.6



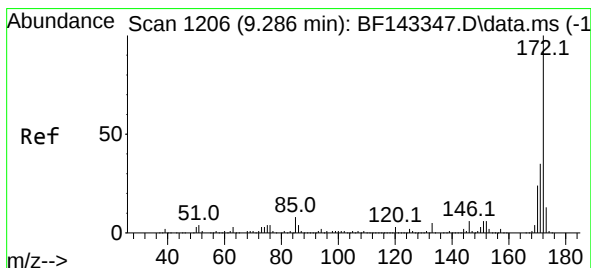
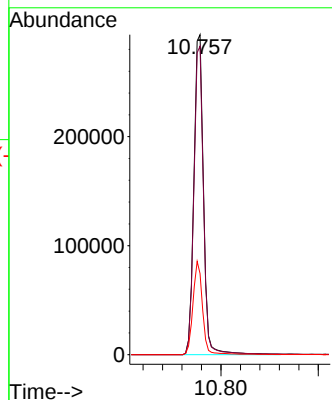
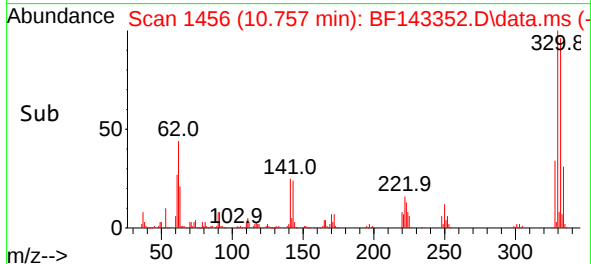


#42
 2,4,6-Tribromophenol
 Concen: 158.144 ng
 RT: 10.757 min Scan# 1456
 Delta R.T. -0.000 min
 Lab File: BF143352.D
 Acq: 12 Aug 2025 14:22

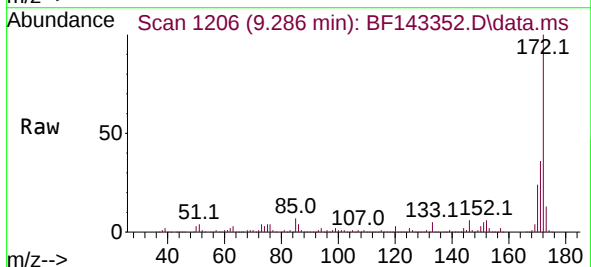
Instrument :
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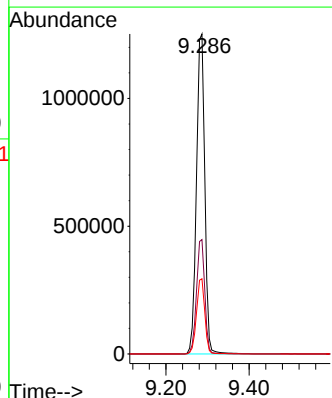
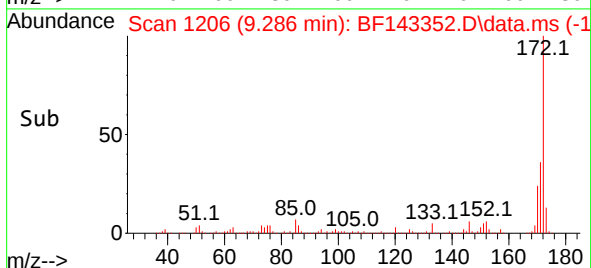
Tgt Ion:330 Resp: 404753
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.1 117.1
 141 29.2 25.4 38.0

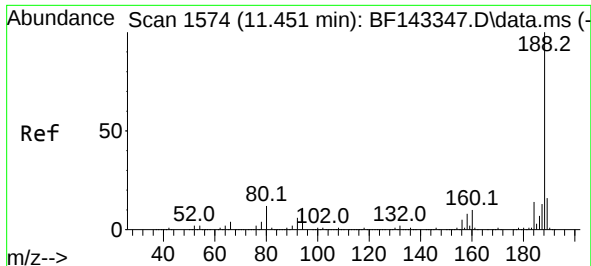


#45
 2-Fluorobiphenyl
 Concen: 84.674 ng
 RT: 9.286 min Scan# 1206
 Delta R.T. -0.000 min
 Lab File: BF143352.D
 Acq: 12 Aug 2025 14:22



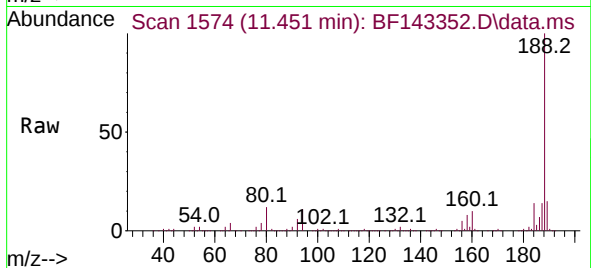
Tgt Ion:172 Resp: 1748683
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.4 42.6
 170 23.5 19.1 28.7



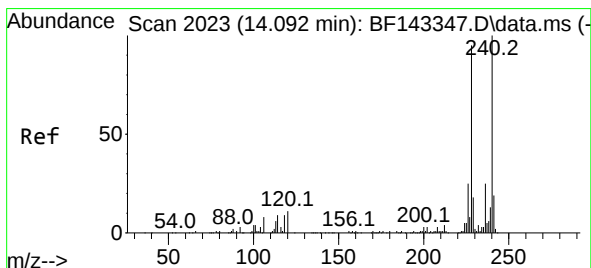
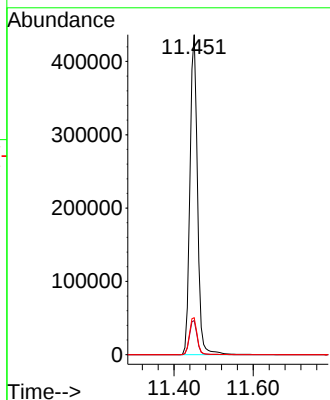
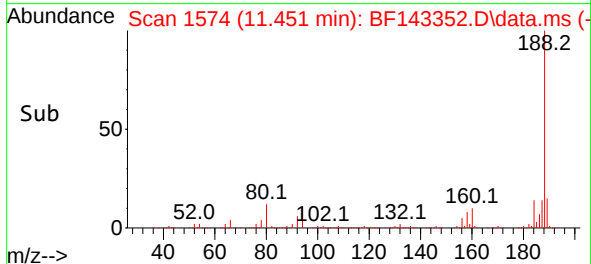


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143352.D
Acq: 12 Aug 2025 14:22

Instrument :
BNA_F
ClientSampleId :
PB169189BL

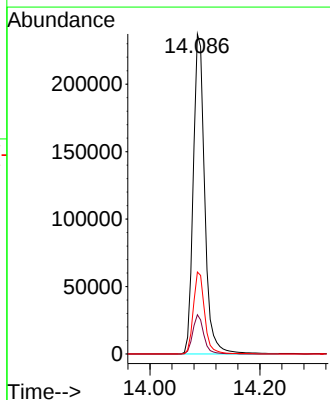
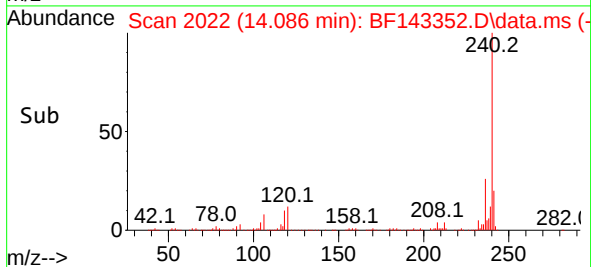
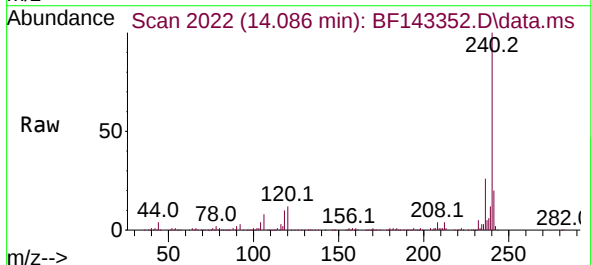


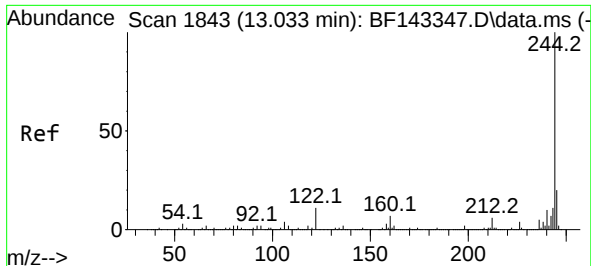
Tgt Ion:188 Resp: 576646
Ion Ratio Lower Upper
188 100
94 10.6 8.8 13.2
80 11.6 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143352.D
Acq: 12 Aug 2025 14:22

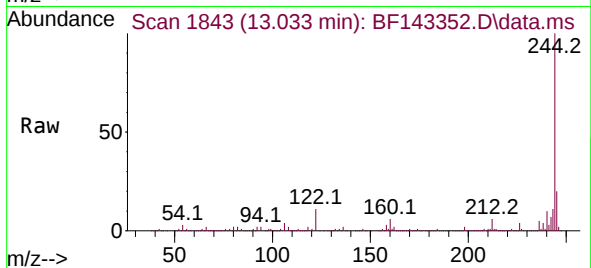
Tgt Ion:240 Resp: 343112
Ion Ratio Lower Upper
240 100
120 12.3 9.0 13.6
236 25.6 19.9 29.9



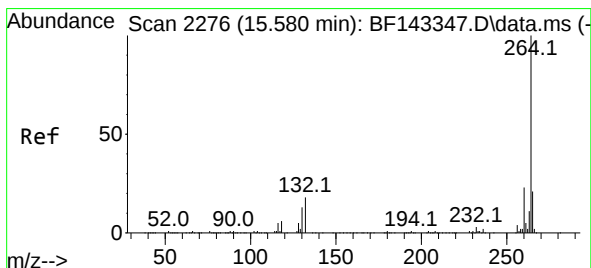
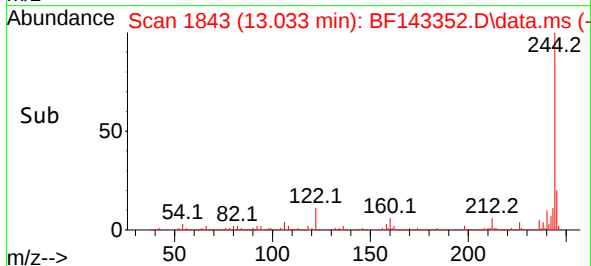
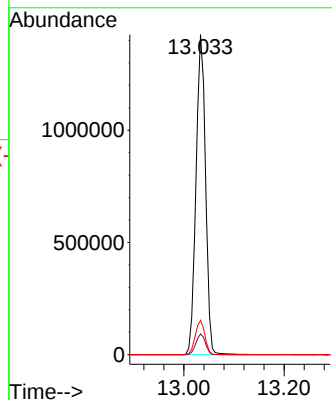


#79
 Terphenyl-d14
 Concen: 97.610 ng
 RT: 13.033 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF143352.D
 Acq: 12 Aug 2025 14:22

Instrument :
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Tgt Ion:244 Resp: 1875902
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.7 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2276
 Delta R.T. -0.000 min
 Lab File: BF143352.D
 Acq: 12 Aug 2025 14:22

Tgt Ion:264 Resp: 274972
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 22.1 17.2 25.8

