

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143400.D
 Acq On : 15 Aug 2025 04:24
 Operator : RC/JU
 Sample : PB169230BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169230BL

Quant Time: Aug 15 05:15:46 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	149708	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	584249	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	324705	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	513466	20.000	ng	0.00
76) Chrysene-d12	14.098	240	314985	20.000	ng	0.00
86) Perylene-d12	15.592	264	355690	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1044609	120.661	ng	0.01
7) Phenol-d6	6.563	99	1319512	118.854	ng	0.00
23) Nitrobenzene-d5	7.486	82	878754	93.664	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	343104	144.586	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1615166	84.351	ng	0.00
79) Terphenyl-d14	13.039	244	1584305	89.799	ng	0.00

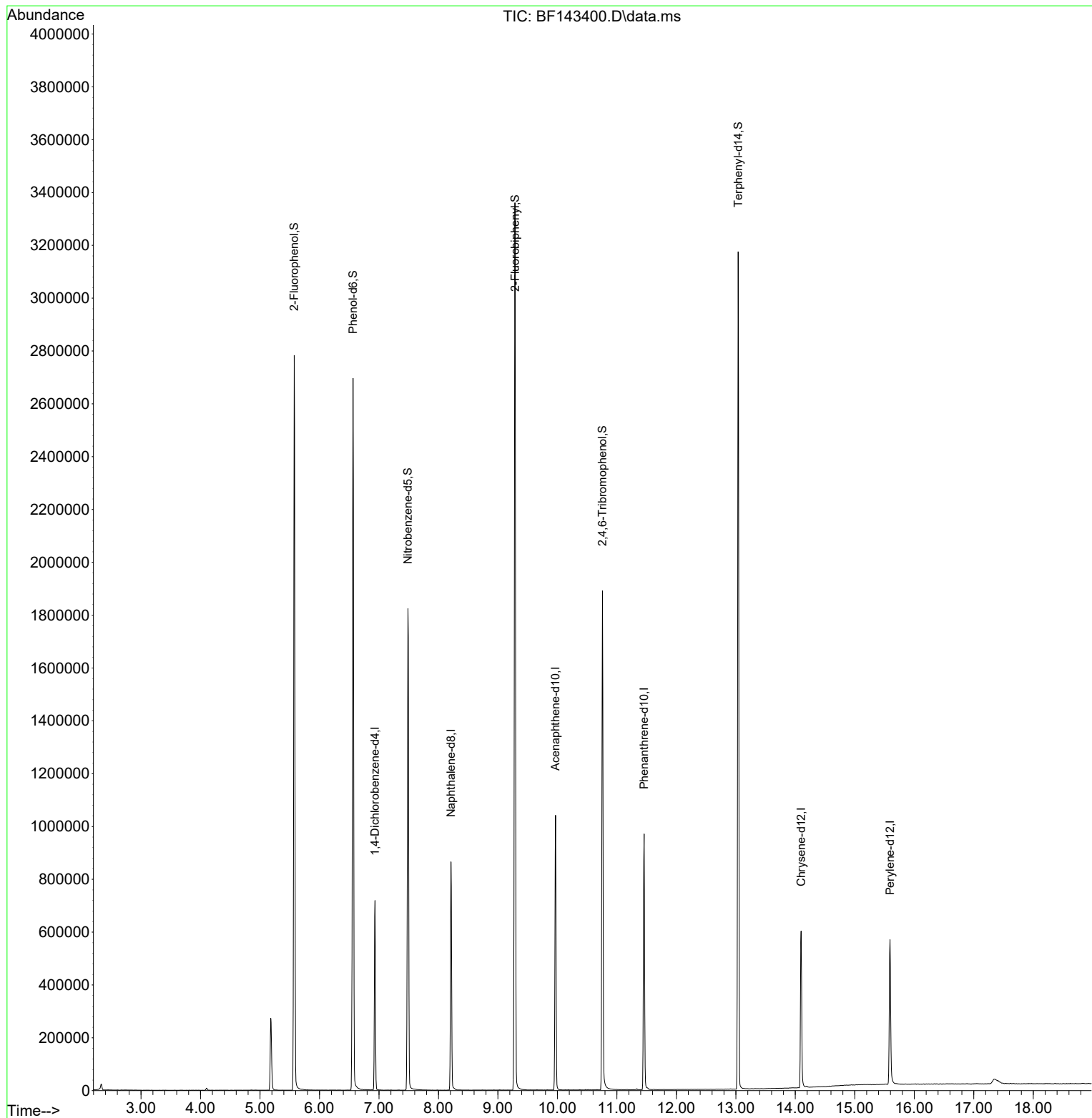
Target Compounds	Qvalue

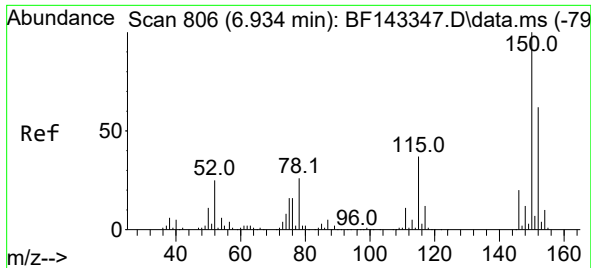
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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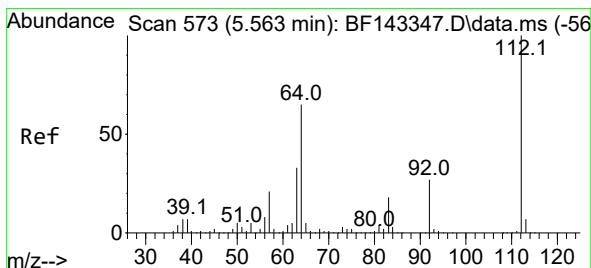
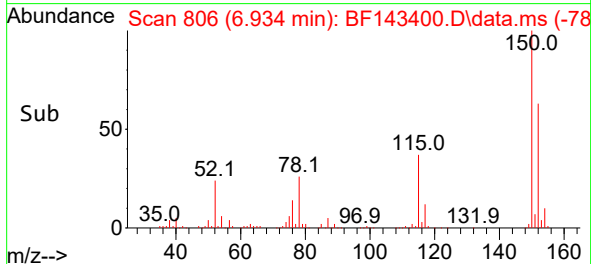
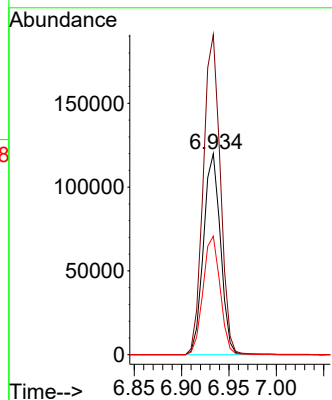
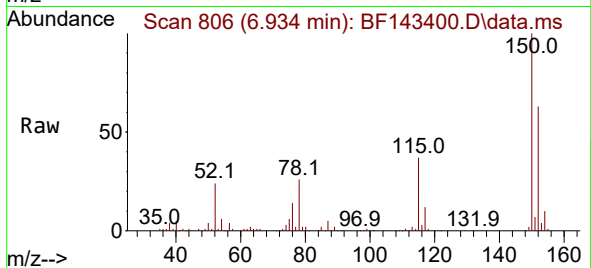




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 806
 Delta R.T. -0.000 min
 Lab File: BF143400.D
 Acq: 15 Aug 2025 04:24

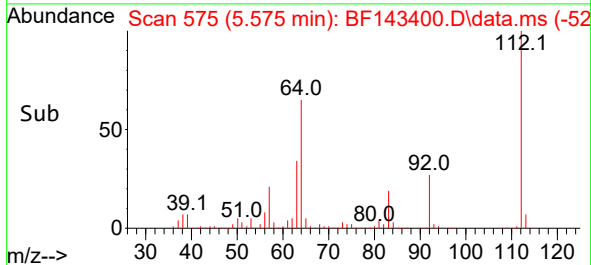
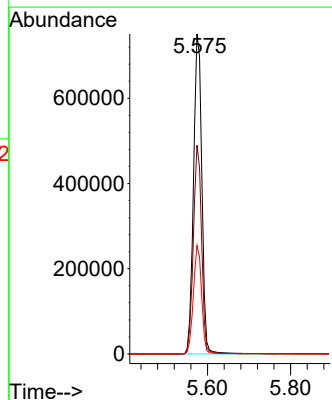
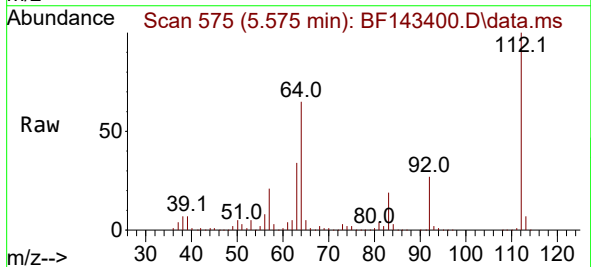
Instrument :
 BNA_F
 ClientSampleId :
 PB169230BL

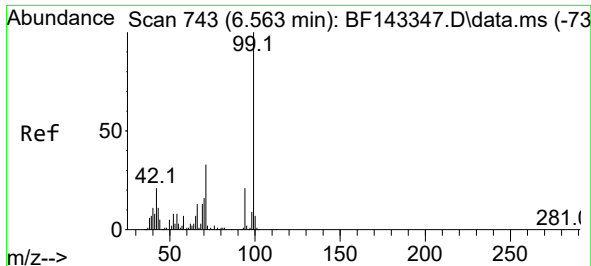
Tgt Ion:152 Resp: 149708
 Ion Ratio Lower Upper
 152 100
 150 159.2 129.8 194.8
 115 59.0 47.8 71.8



#5
 2-Fluorophenol
 Concen: 120.661 ng
 RT: 5.575 min Scan# 575
 Delta R.T. 0.012 min
 Lab File: BF143400.D
 Acq: 15 Aug 2025 04:24

Tgt Ion:112 Resp: 1044609
 Ion Ratio Lower Upper
 112 100
 64 65.2 52.1 78.1
 63 33.9 26.6 39.8

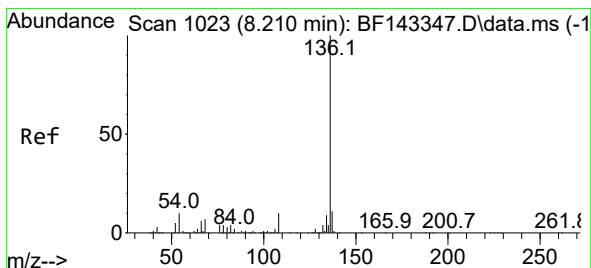
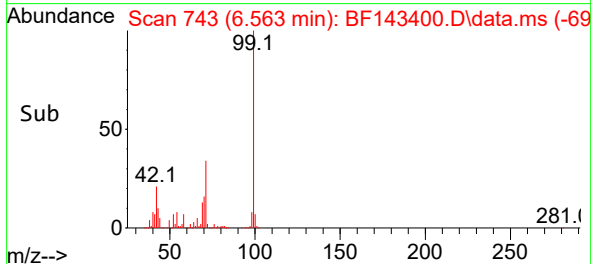
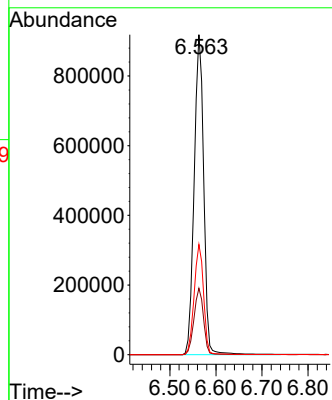
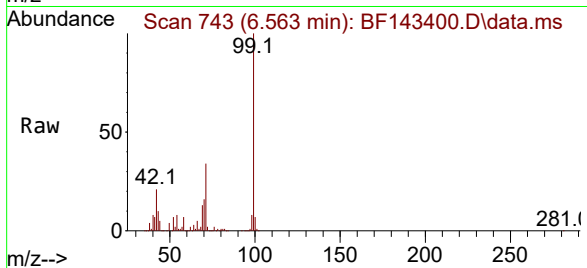




#7
Phenol-d6
Concen: 118.854 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF143400.D
Acq: 15 Aug 2025 04:24

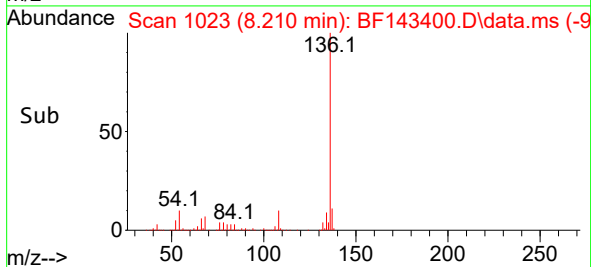
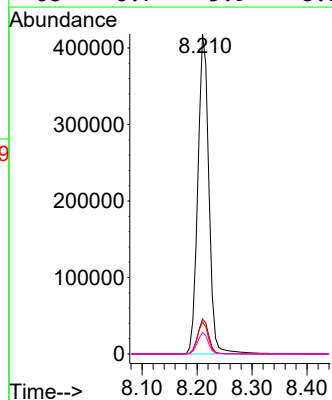
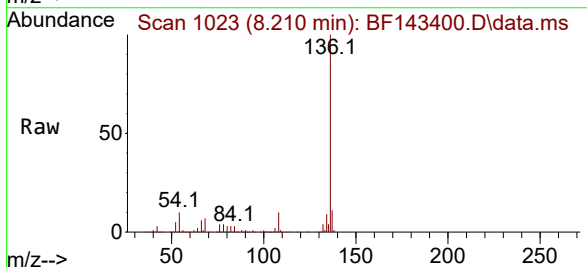
Instrument :
BNA_F
ClientSampleId :
PB169230BL

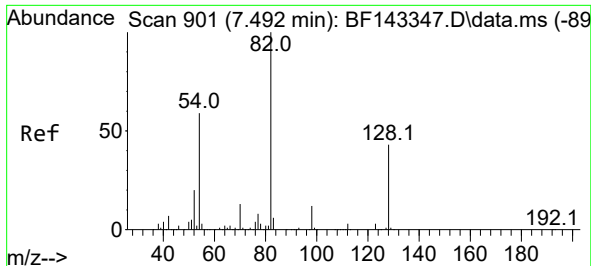
Tgt Ion: 99 Resp: 1319512
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 34.4 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143400.D
Acq: 15 Aug 2025 04:24

Tgt Ion: 136 Resp: 584249
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.0 8.4 12.6
68 6.7 5.9 8.9





#23

Nitrobenzene-d5

Concen: 93.664 ng

RT: 7.486 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143400.D

Acq: 15 Aug 2025 04:24

Instrument :

BNA_F

ClientSampleId :

PB169230BL

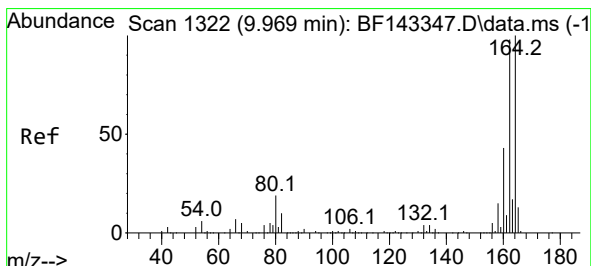
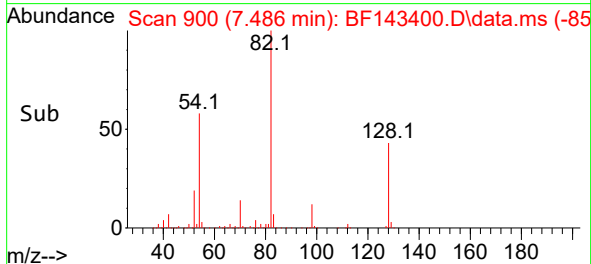
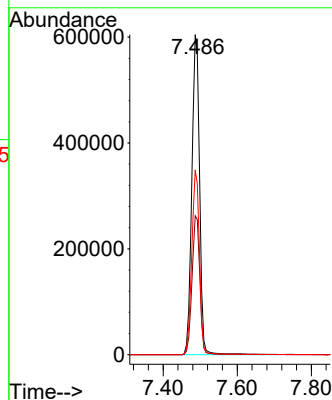
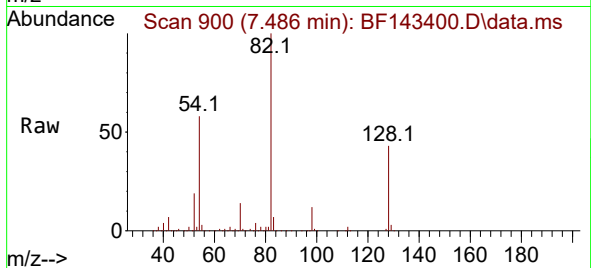
Tgt Ion: 82 Resp: 878754

Ion Ratio Lower Upper

82 100

128 43.4 33.5 50.3

54 57.7 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: BF143400.D

Acq: 15 Aug 2025 04:24

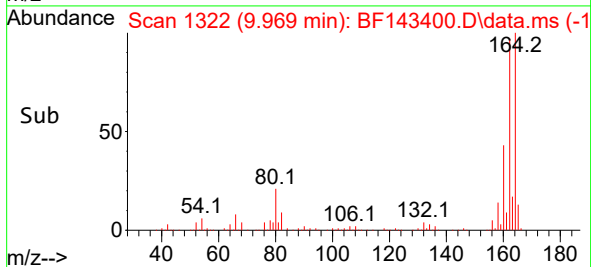
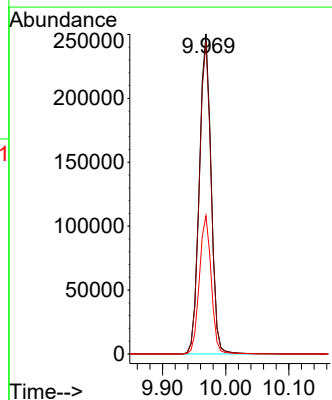
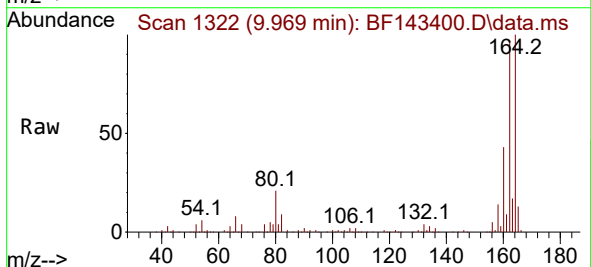
Tgt Ion:164 Resp: 324705

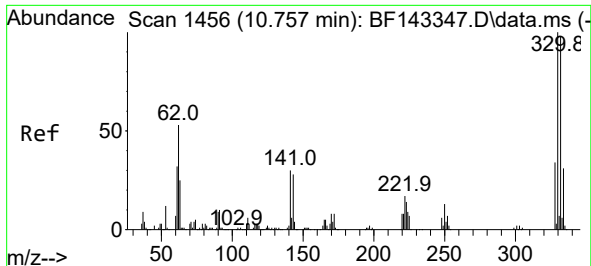
Ion Ratio Lower Upper

164 100

162 97.5 78.6 118.0

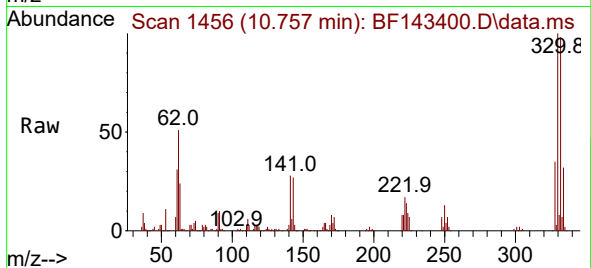
160 43.2 34.4 51.6



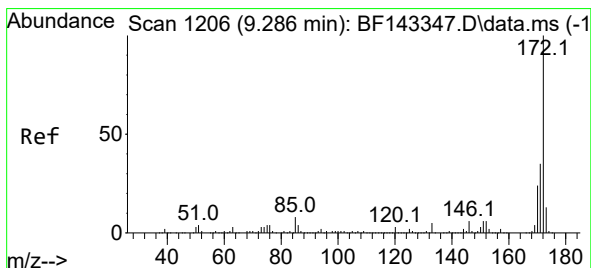
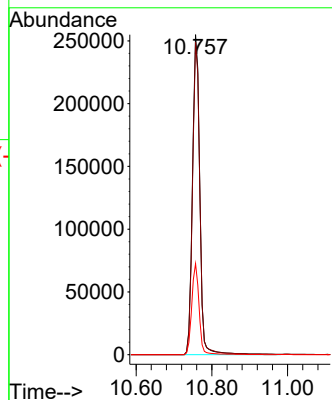
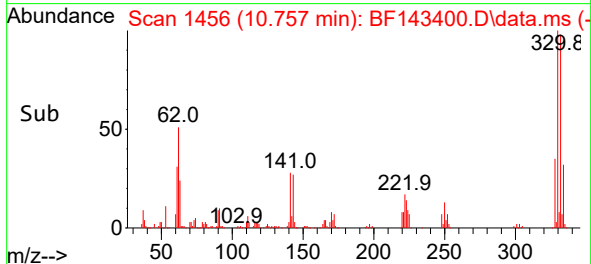


#42
2,4,6-Tribromophenol
Concen: 144.586 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF143400.D
Acq: 15 Aug 2025 04:24

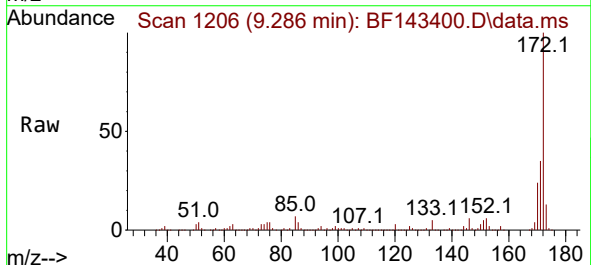
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PB169230BL



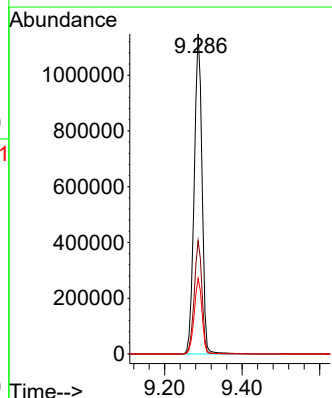
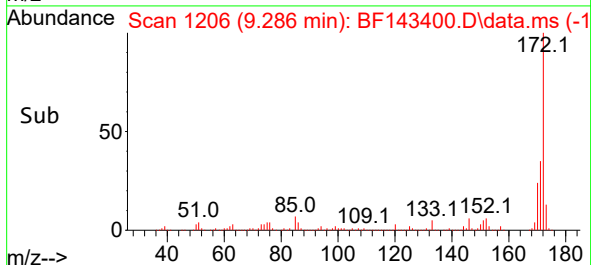
Tgt Ion:330 Resp: 343104
Ion Ratio Lower Upper
330 100
332 97.4 78.1 117.1
141 28.5 25.4 38.0

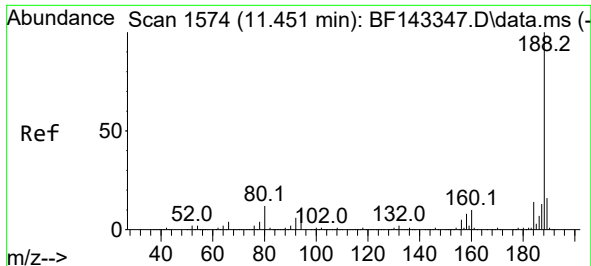


#45
2-Fluorobiphenyl
Concen: 84.351 ng
RT: 9.286 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF143400.D
Acq: 15 Aug 2025 04:24



Tgt Ion:172 Resp: 1615166
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.6 19.1 28.7

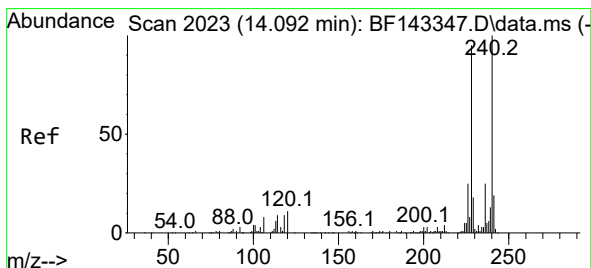
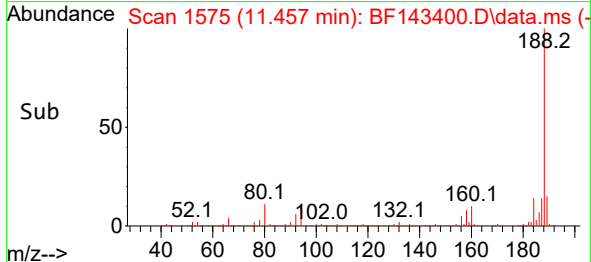
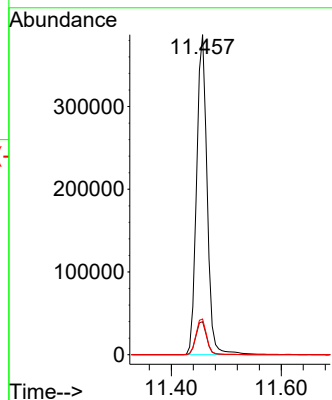
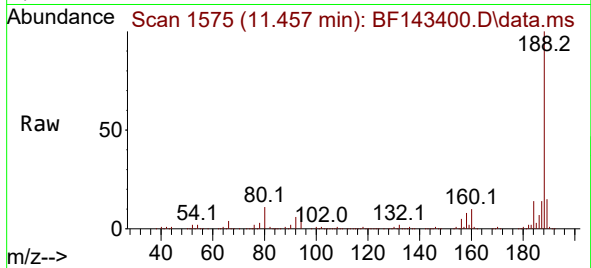




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143400.D
Acq: 15 Aug 2025 04:24

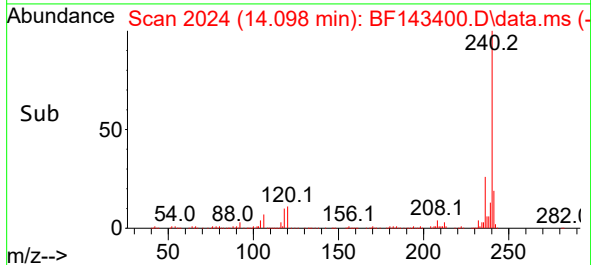
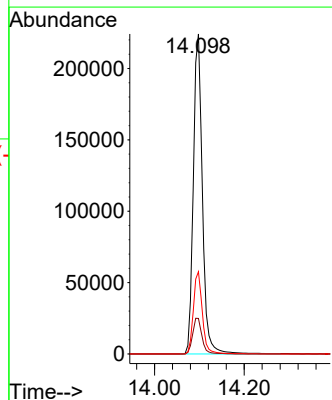
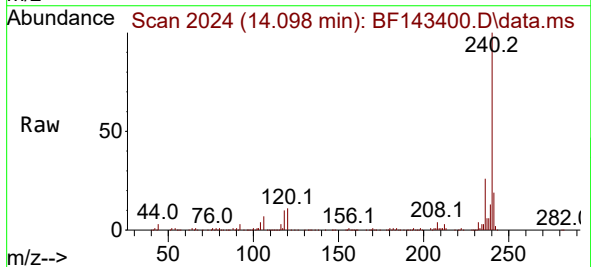
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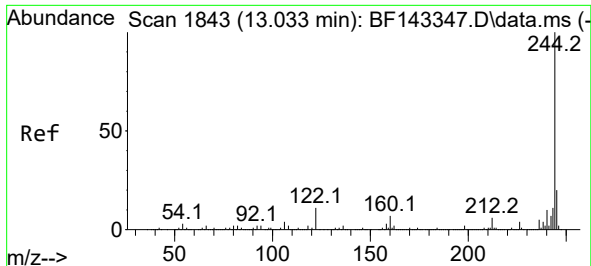
Tgt Ion:188 Resp: 513466
Ion Ratio Lower Upper
188 100
94 10.3 8.8 13.2
80 11.2 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF143400.D
Acq: 15 Aug 2025 04:24

Tgt Ion:240 Resp: 314985
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.6
236 25.7 19.9 29.9

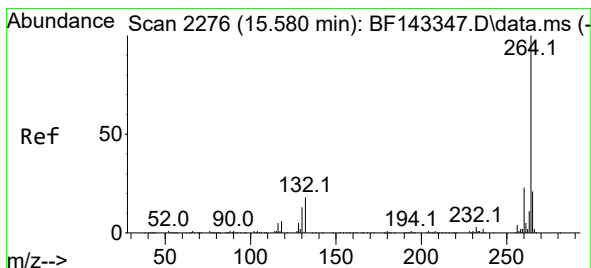
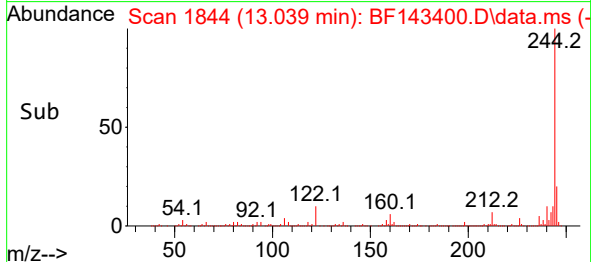
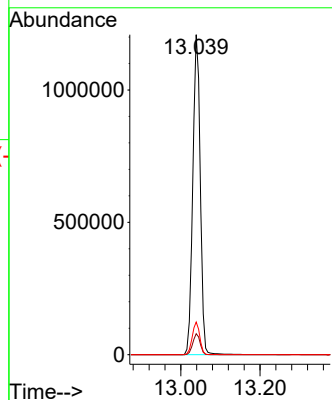
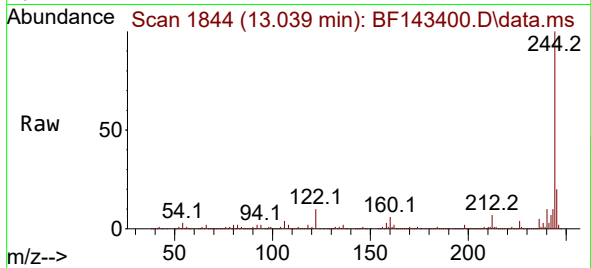




#79
 Terphenyl-d14
 Concen: 89.799 ng
 RT: 13.039 min Scan# 1844
 Delta R.T. 0.006 min
 Lab File: BF143400.D
 Acq: 15 Aug 2025 04:24

Instrument :
 BNA_F
 ClientSampleId :
 PB169230BL

Tgt Ion:244 Resp: 1584305
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.2 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: BF143400.D
 Acq: 15 Aug 2025 04:24

Tgt Ion:264 Resp: 355690
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.4 17.2 25.8

