

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
 Data File : BF143372.D
 Acq On : 13 Aug 2025 13:42
 Operator : RC/JU
 Sample : Q2827-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Aug 13 14:03:48 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)

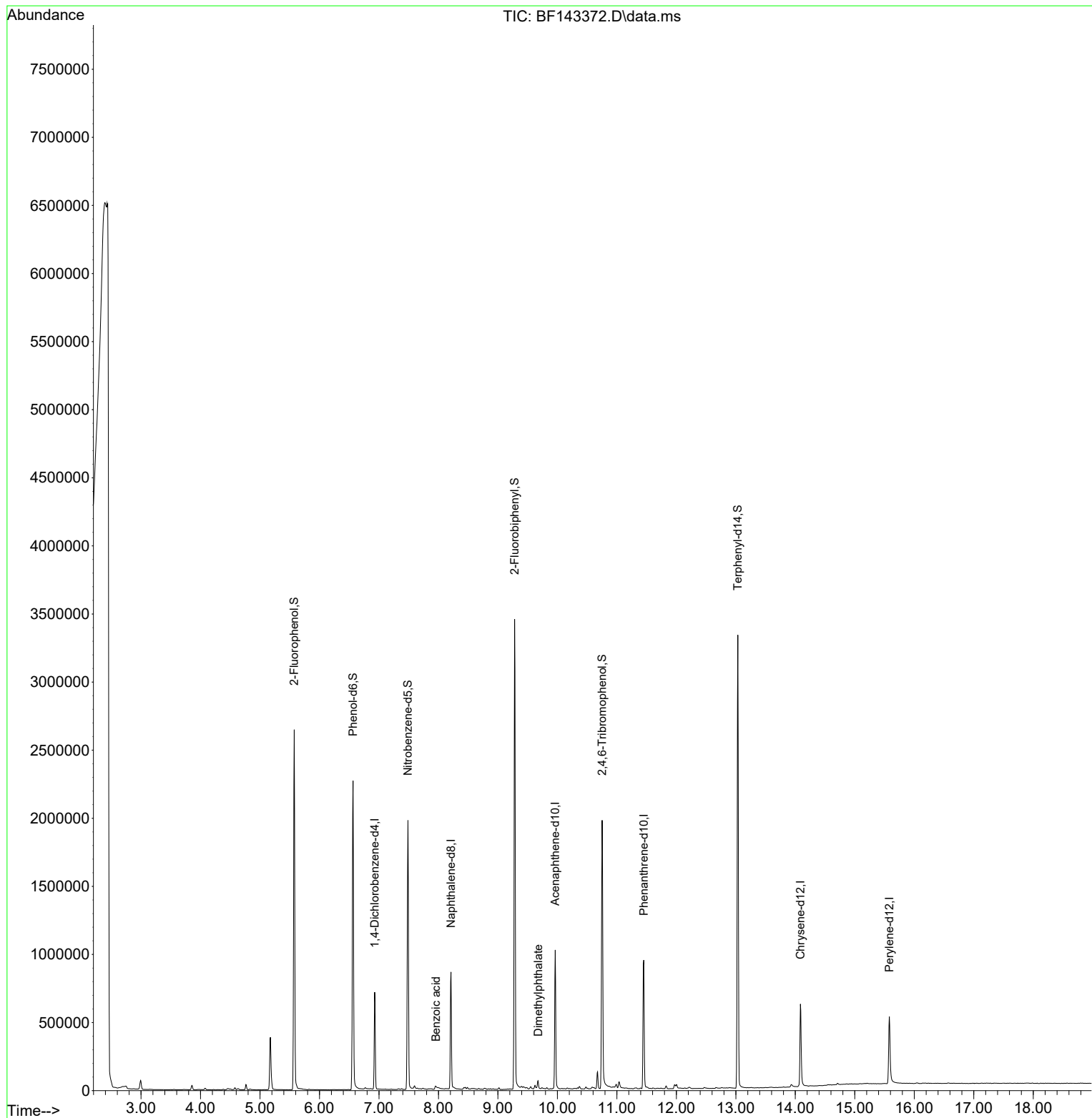
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	144248	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	555863	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	301686	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	483820	20.000	ng	0.00
76) Chrysene-d12	14.086	240	337160	20.000	ng	0.00
86) Perylene-d12	15.580	264	353417	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	975116	116.898	ng	0.01
7) Phenol-d6	6.563	99	1083469	101.287	ng	0.00
23) Nitrobenzene-d5	7.487	82	869136	97.370	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	360950	163.712	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1581692	88.906	ng	0.00
79) Terphenyl-d14	13.033	244	1683380	89.139	ng	0.00
Target Compounds						
32) Benzoic acid	7.957	122	16387	9.346	ng	93
50) Dimethylphthalate	9.675	163	35479	2.013	ng	99

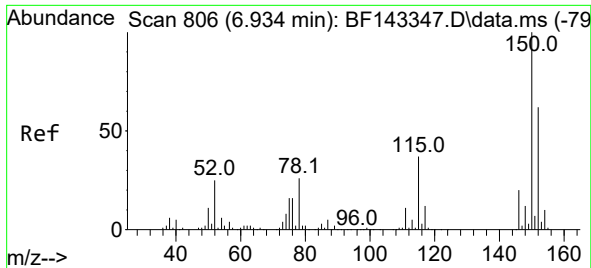
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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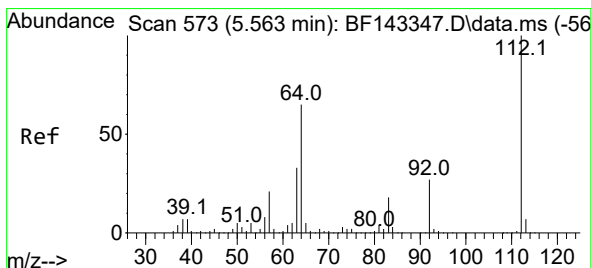
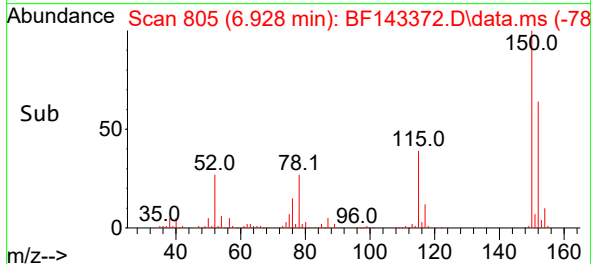
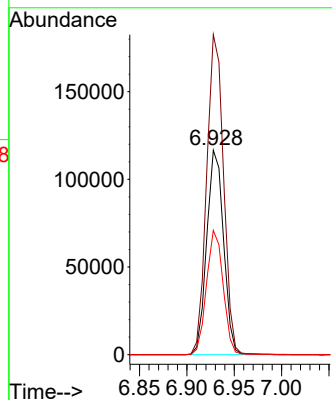
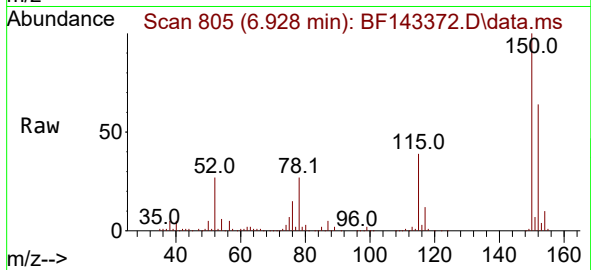




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF143372.D
Acq: 13 Aug 2025 13:42

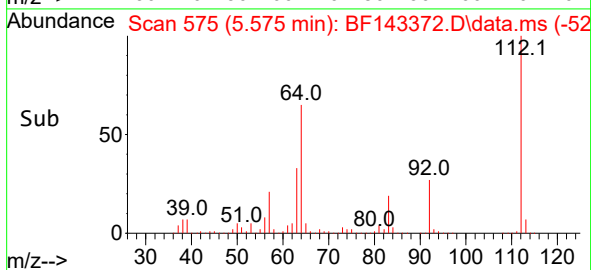
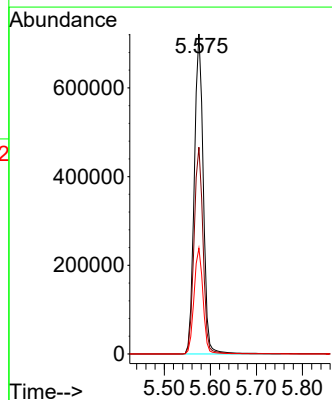
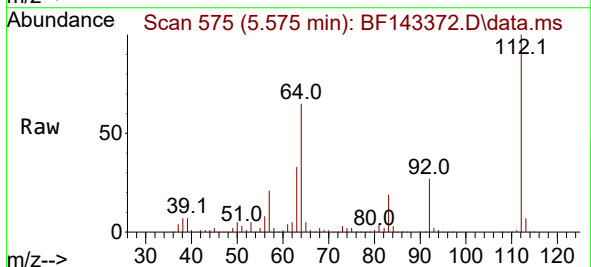
Instrument :
BNA_F
ClientSampleId :
TP-8

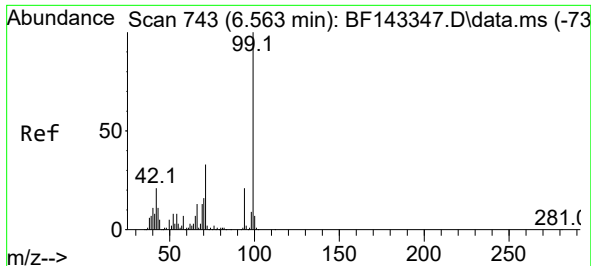
Tgt Ion:152 Resp: 144248
Ion Ratio Lower Upper
152 100
150 156.5 129.8 194.8
115 60.8 47.8 71.8



#5
2-Fluorophenol
Concen: 116.898 ng
RT: 5.575 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF143372.D
Acq: 13 Aug 2025 13:42

Tgt Ion:112 Resp: 975116
Ion Ratio Lower Upper
112 100
64 64.6 52.1 78.1
63 33.0 26.6 39.8





#7
Phenol-d6
Concen: 101.287 ng
RT: 6.563 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF143372.D
Acq: 13 Aug 2025 13:42

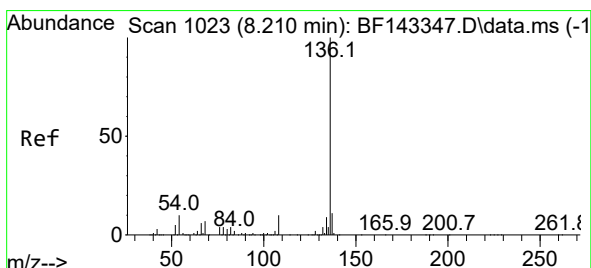
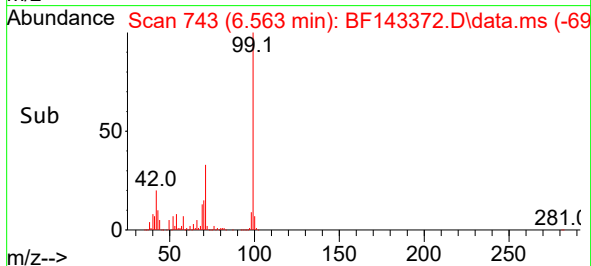
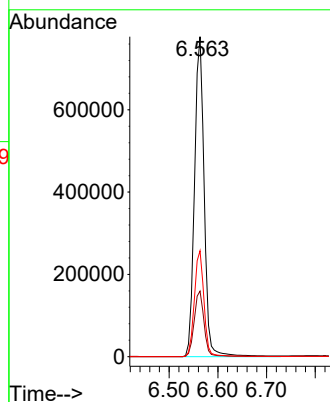
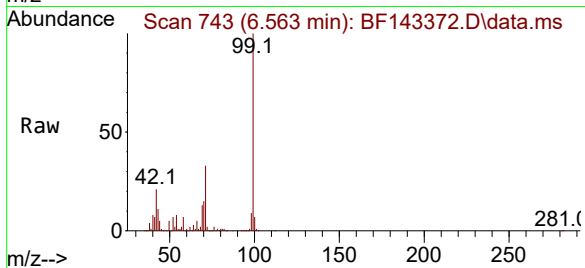
Instrument :

BNA_F

ClientSampleId :

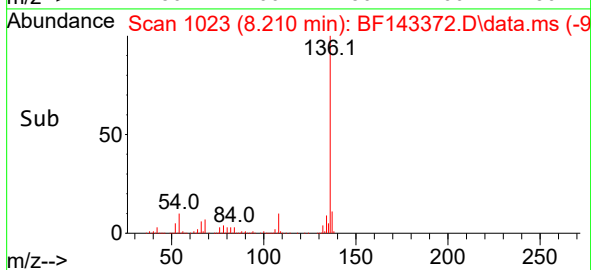
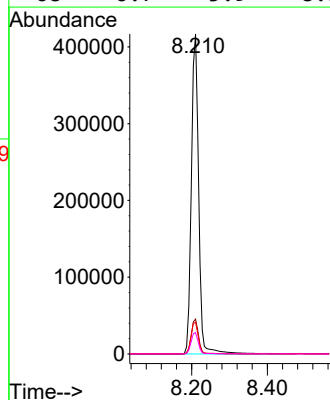
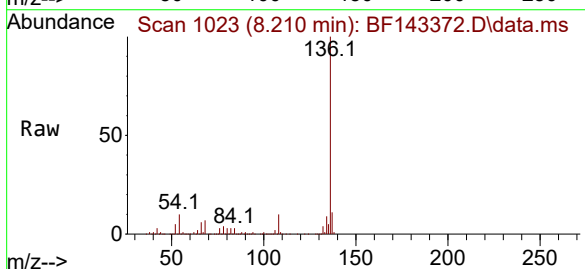
TP-8

Tgt Ion: 99 Resp: 1083469
Ion Ratio Lower Upper
99 100
42 20.5 16.6 25.0
71 33.1 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: BF143372.D
Acq: 13 Aug 2025 13:42

Tgt Ion: 136 Resp: 555863
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.9 8.4 12.6
68 6.7 5.9 8.9





#23

Nitrobenzene-d5

Concen: 97.370 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143372.D

Acq: 13 Aug 2025 13:42

Instrument :

BNA_F

ClientSampleId :

TP-8

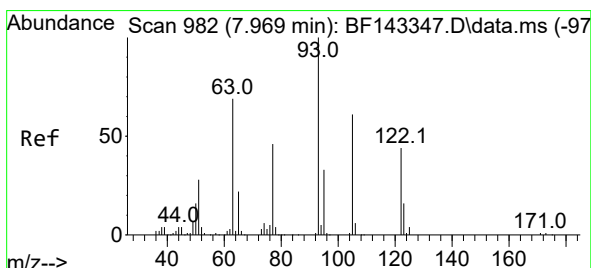
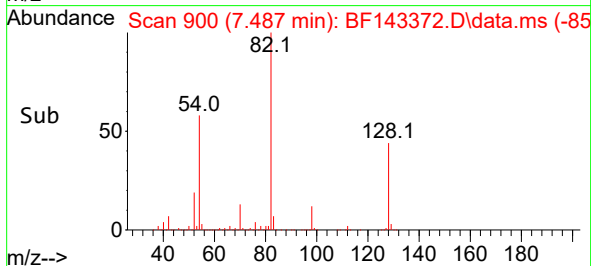
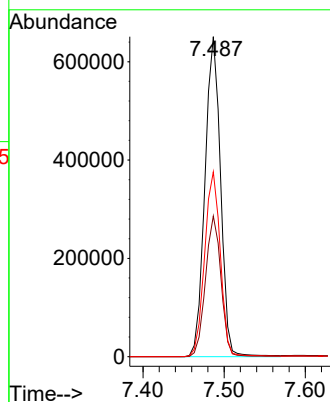
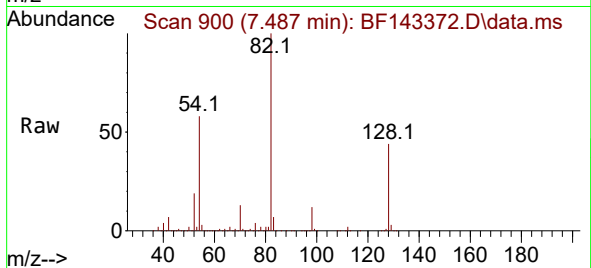
Tgt Ion: 82 Resp: 869136

Ion Ratio Lower Upper

82 100

128 44.0 33.5 50.3

54 57.8 46.7 70.1



#32

Benzoic acid

Concen: 9.346 ng

RT: 7.957 min Scan# 980

Delta R.T. -0.012 min

Lab File: BF143372.D

Acq: 13 Aug 2025 13:42

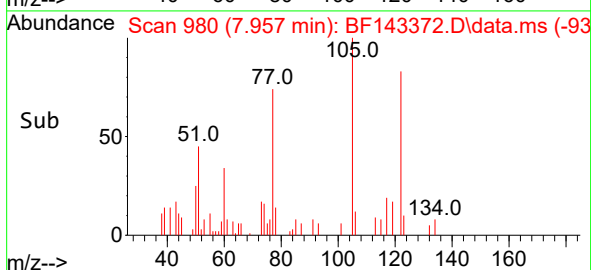
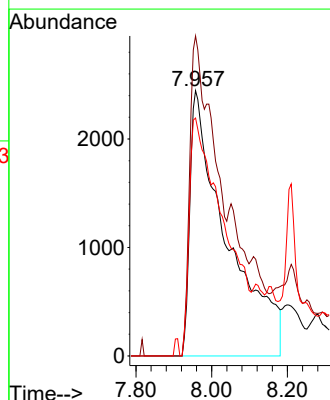
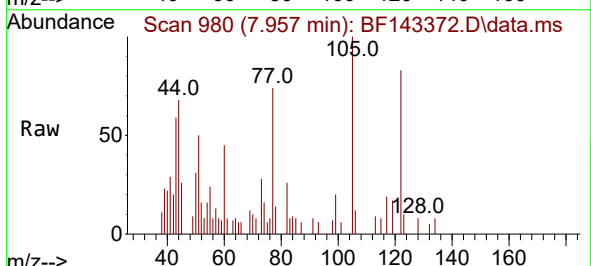
Tgt Ion: 122 Resp: 16387

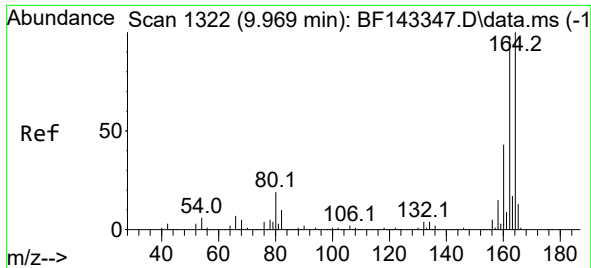
Ion Ratio Lower Upper

122 100

105 120.6 106.4 146.4

77 89.7 79.2 119.2

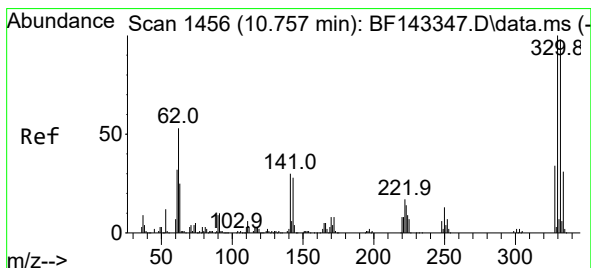
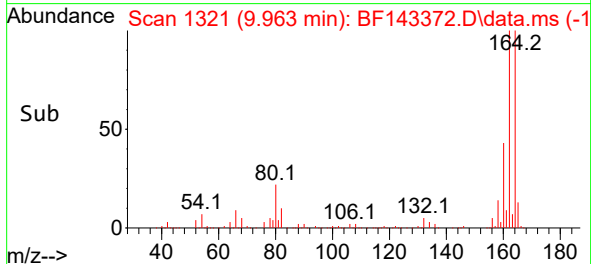
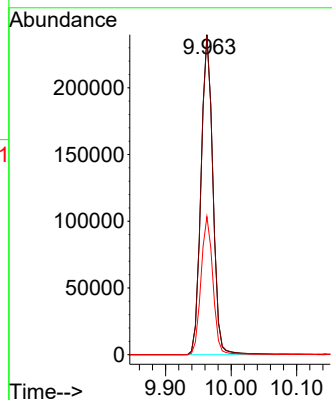
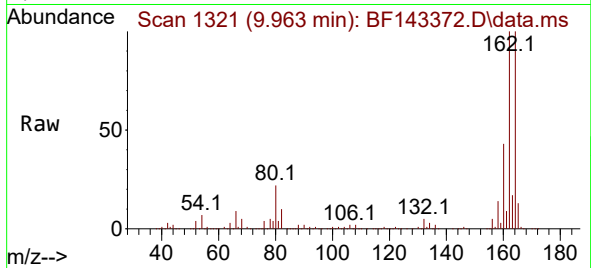




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143372.D
Acq: 13 Aug 2025 13:42

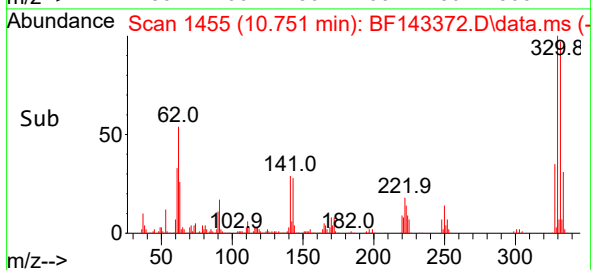
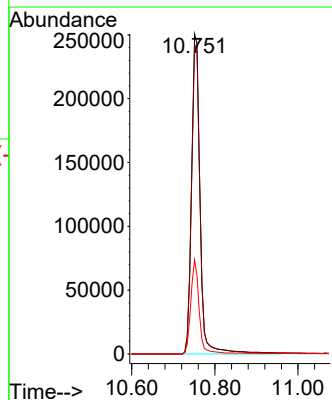
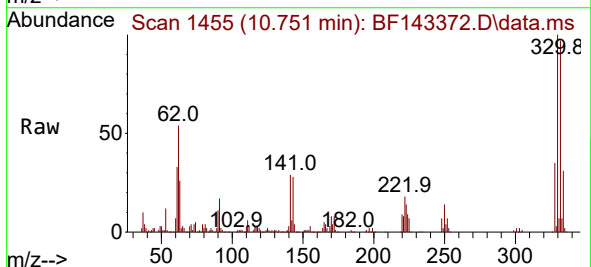
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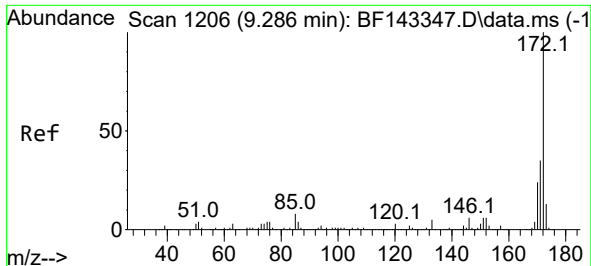
Tgt Ion:164 Resp: 301686
Ion Ratio Lower Upper
164 100
162 99.5 78.6 118.0
160 43.2 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 163.712 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF143372.D
Acq: 13 Aug 2025 13:42

Tgt Ion:330 Resp: 360950
Ion Ratio Lower Upper
330 100
332 97.5 78.1 117.1
141 28.8 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 88.906 ng

RT: 9.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143372.D

Acq: 13 Aug 2025 13:42

Instrument :

BNA_F

ClientSampleId :

TP-8

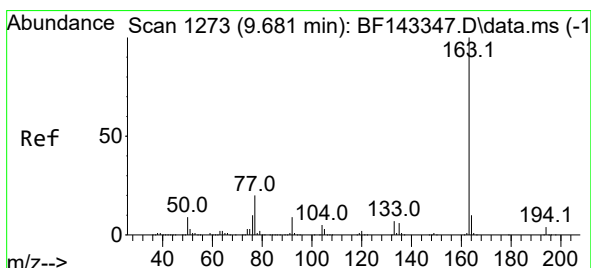
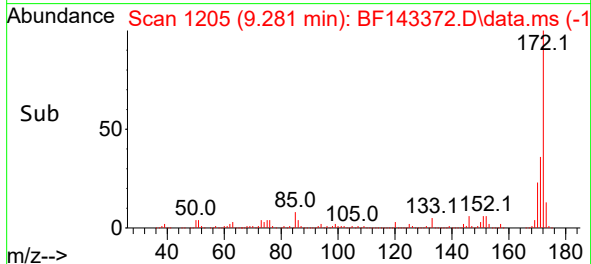
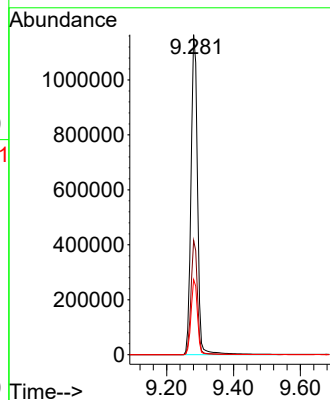
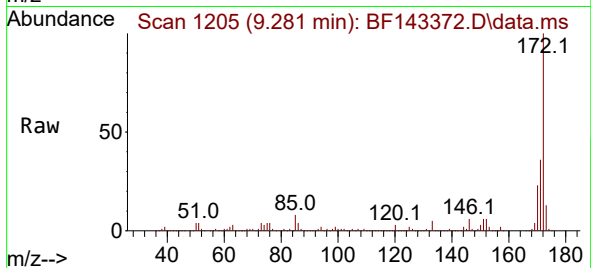
Tgt Ion:172 Resp: 1581692

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.4 19.1 28.7



#50

Dimethylphthalate

Concen: 2.013 ng

RT: 9.675 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF143372.D

Acq: 13 Aug 2025 13:42

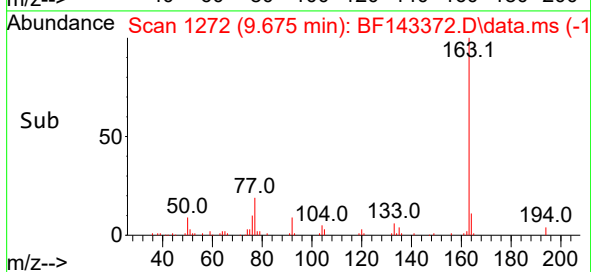
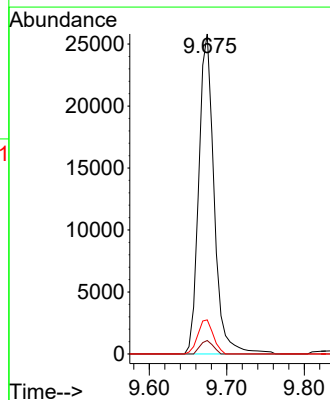
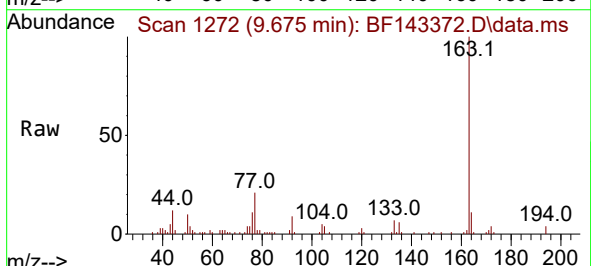
Tgt Ion:163 Resp: 35479

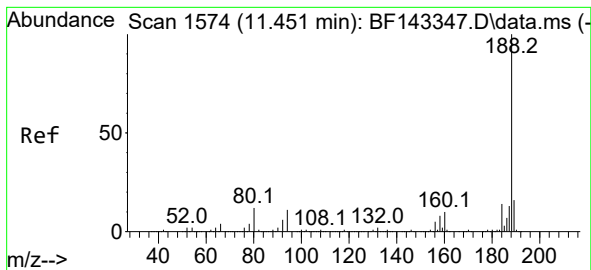
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.6 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143372.D

Acq: 13 Aug 2025 13:42

Instrument :

BNA_F

ClientSampleId :

TP-8

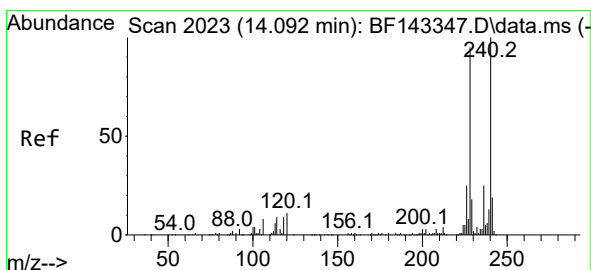
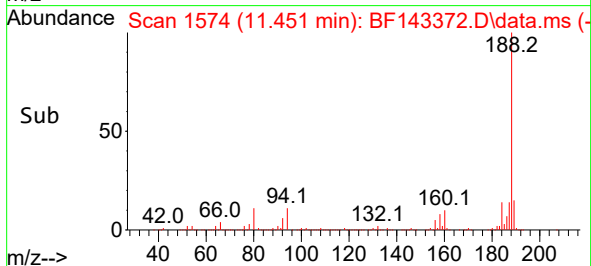
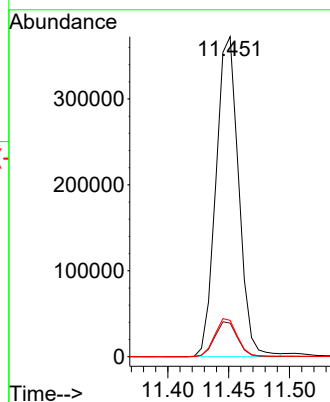
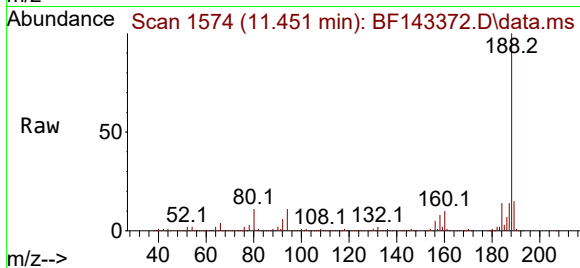
Tgt Ion:188 Resp: 483820

Ion Ratio Lower Upper

188 100

94 10.5 8.8 13.2

80 11.3 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: BF143372.D

Acq: 13 Aug 2025 13:42

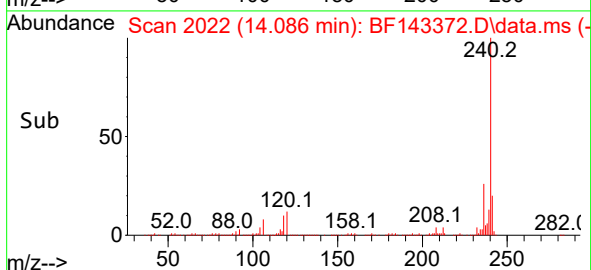
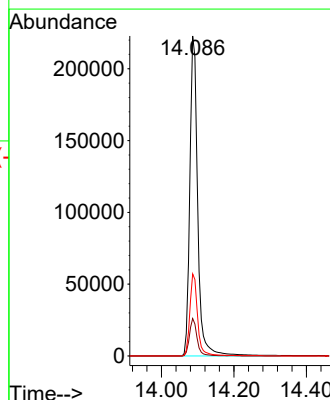
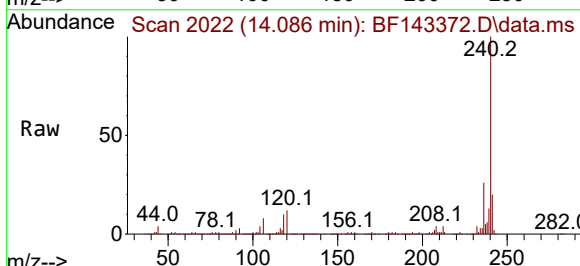
Tgt Ion:240 Resp: 337160

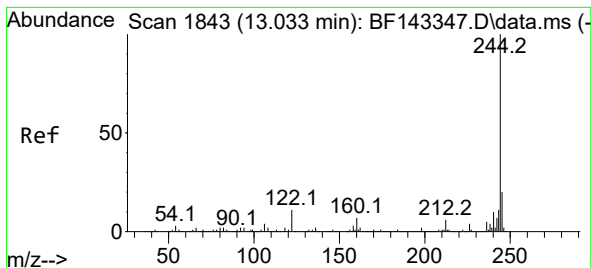
Ion Ratio Lower Upper

240 100

120 11.7 9.0 13.6

236 25.6 19.9 29.9





#79

Terphenyl-d14

Concen: 89.139 ng

RT: 13.033 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143372.D

Acq: 13 Aug 2025 13:42

Instrument :

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ClientSampleId :

TP-8

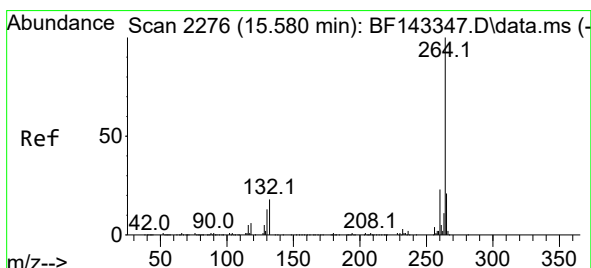
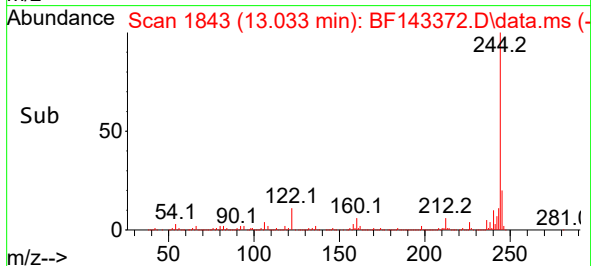
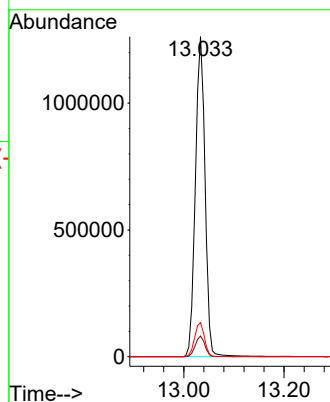
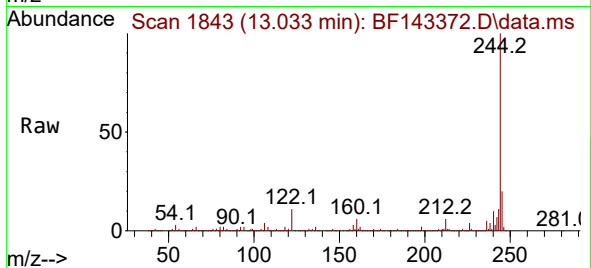
Tgt Ion:244 Resp: 1683380

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 10.6 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: BF143372.D

Acq: 13 Aug 2025 13:42

Tgt Ion:264 Resp: 353417

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.6 17.2 25.8

