

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
 Data File : BF143035.D
 Acq On : 08 Jul 2025 16:05
 Operator : RC/JU
 Sample : Q2514-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-81

Quant Time: Jul 08 17:00:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	49332	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	187293	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	91194	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	135239	20.000	ng	0.00
76) Chrysene-d12	14.051	240	94806	20.000	ng	0.00
86) Perylene-d12	15.551	264	119948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	233910	78.943	ng	0.00
7) Phenol-d6	6.504	99	277453	79.368	ng	0.00
23) Nitrobenzene-d5	7.434	82	175210	51.312	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	48886	52.092	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	358484	51.641	ng	-0.01
79) Terphenyl-d14	12.992	244	243143	35.436	ng	0.00

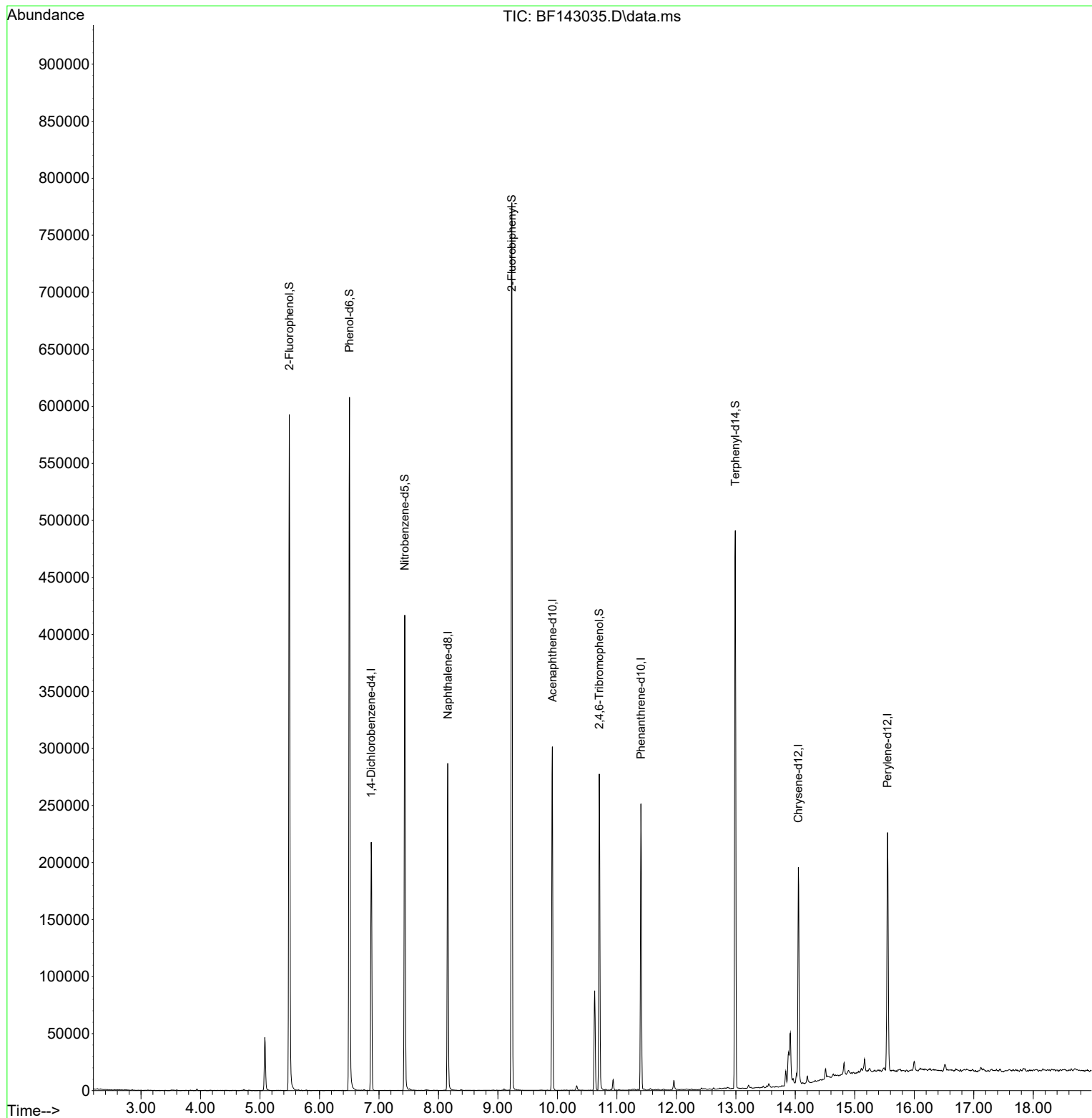
Target Compounds	Qvalue

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

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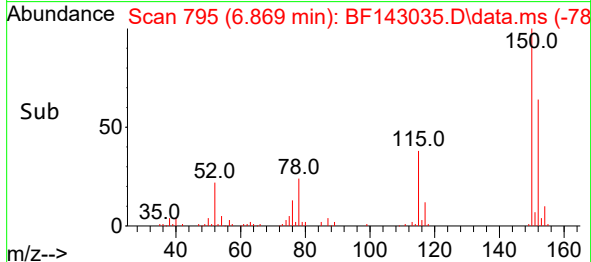
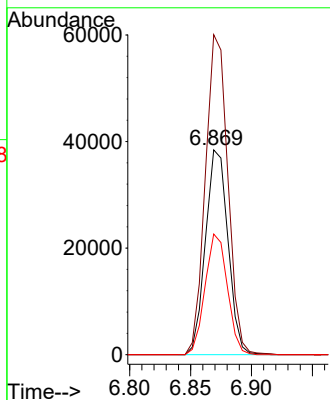
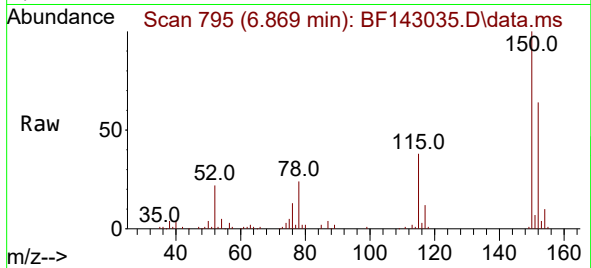




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 797
Delta R.T. -0.012 min
Lab File: BF143035.D
Acq: 08 Jul 2025 16:05

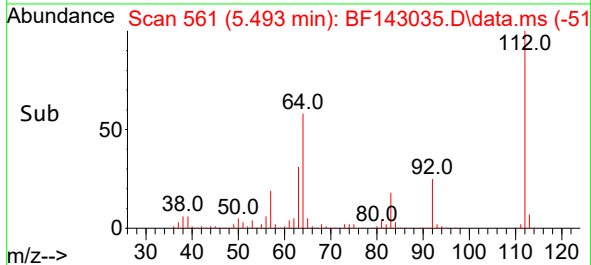
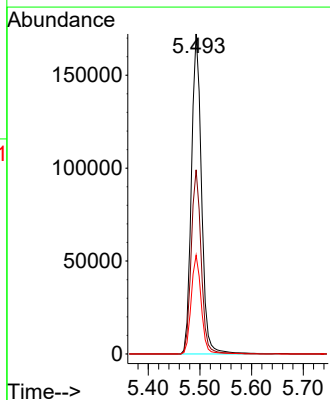
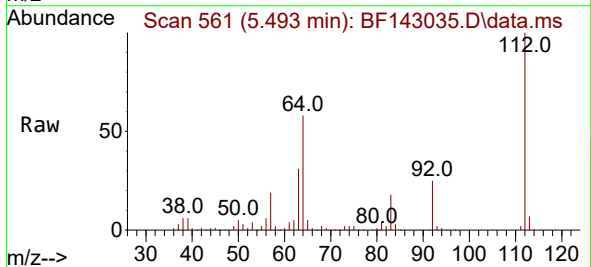
Instrument :
BNA_F
ClientSampleId :
TP-81

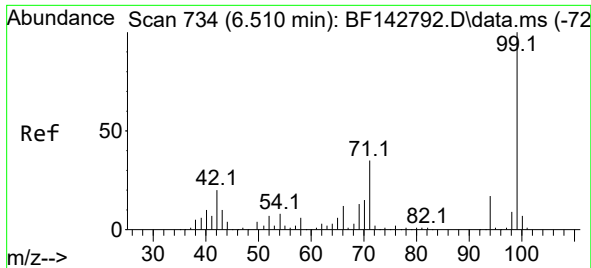
Tgt Ion:152 Resp: 49332
Ion Ratio Lower Upper
152 100
150 156.2 127.2 190.8
115 58.9 46.6 69.8



#5
2-Fluorophenol
Concen: 78.943 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF143035.D
Acq: 08 Jul 2025 16:05

Tgt Ion:112 Resp: 233910
Ion Ratio Lower Upper
112 100
64 57.6 48.2 72.2
63 30.9 25.7 38.5

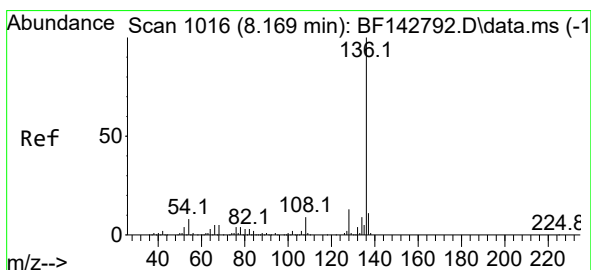
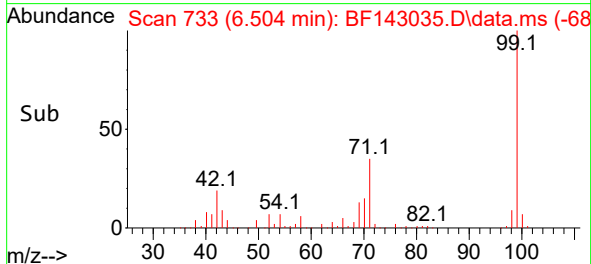
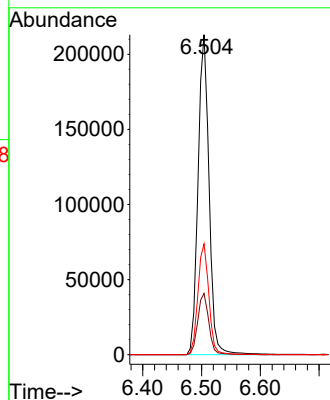
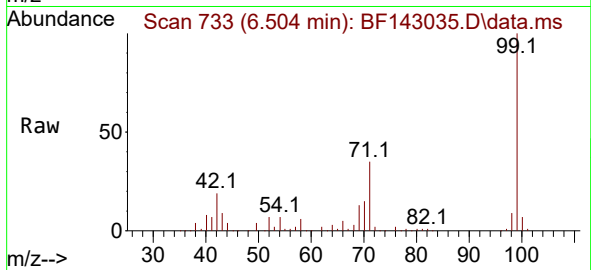




#7
Phenol-d6
Concen: 79.368 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143035.D
Acq: 08 Jul 2025 16:05

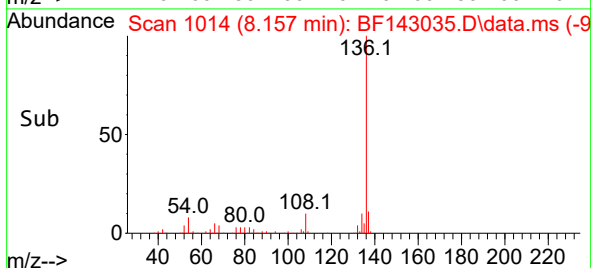
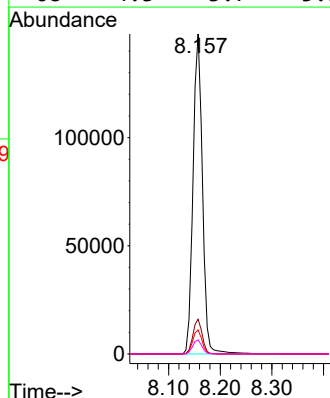
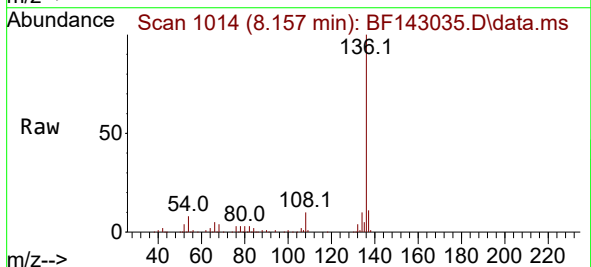
Instrument :
BNA_F
ClientSampleId :
TP-81

Tgt Ion: 99 Resp: 277453
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 34.6 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143035.D
Acq: 08 Jul 2025 16:05

Tgt Ion: 136 Resp: 187293
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.5 6.3 9.5
68 4.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 51.312 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF143035.D

Acq: 08 Jul 2025 16:05

Instrument :

BNA_F

ClientSampleId :

TP-81

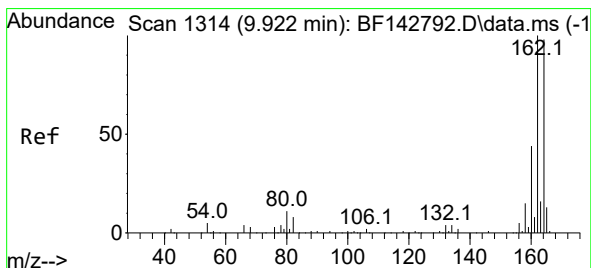
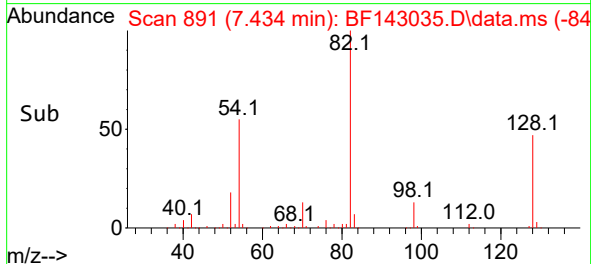
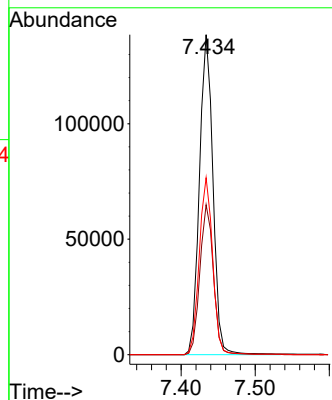
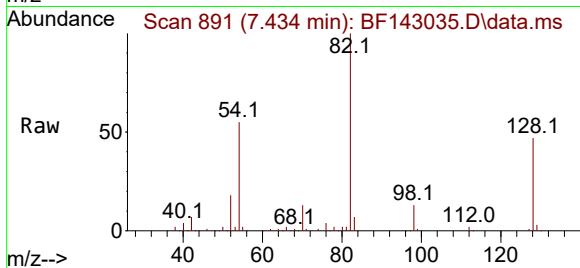
Tgt Ion: 82 Resp: 175210

Ion Ratio Lower Upper

82 100

128 46.9 37.7 56.5

54 55.3 45.7 68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF143035.D

Acq: 08 Jul 2025 16:05

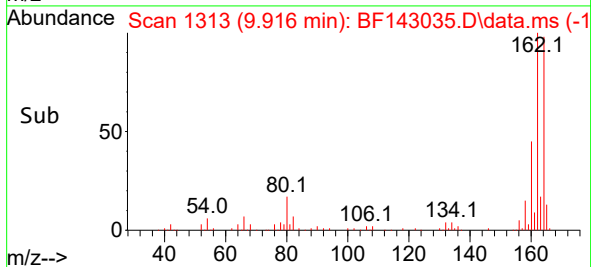
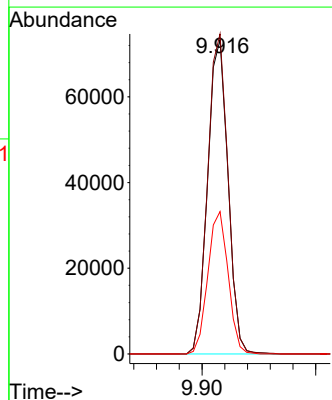
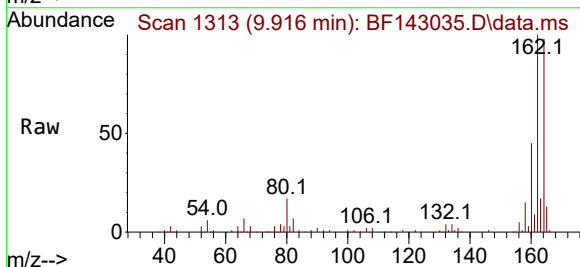
Tgt Ion:164 Resp: 91194

Ion Ratio Lower Upper

164 100

162 101.8 81.8 122.8

160 45.3 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 52.092 ng

RT: 10.704 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF143035.D

Acq: 08 Jul 2025 16:05

Instrument :

BNA_F

ClientSampleId :

TP-81

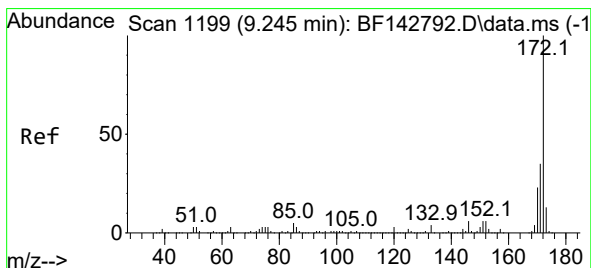
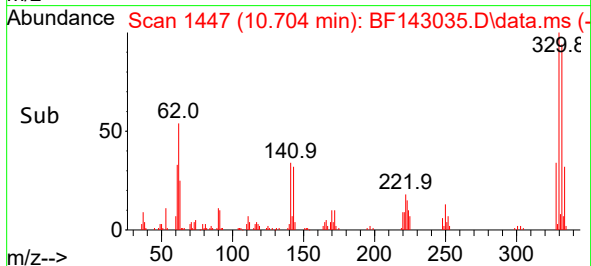
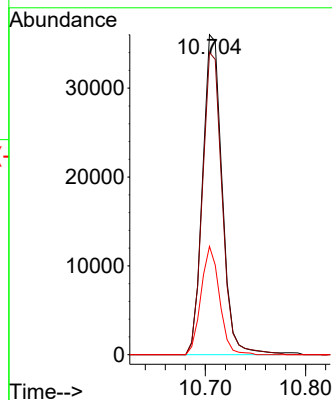
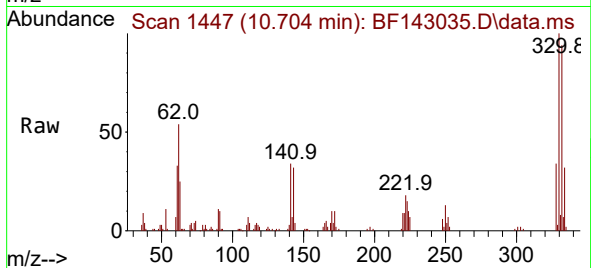
Tgt Ion:330 Resp: 48886

Ion Ratio Lower Upper

330 100

332 95.2 75.0 112.6

141 31.9 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 51.641 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.011 min

Lab File: BF143035.D

Acq: 08 Jul 2025 16:05

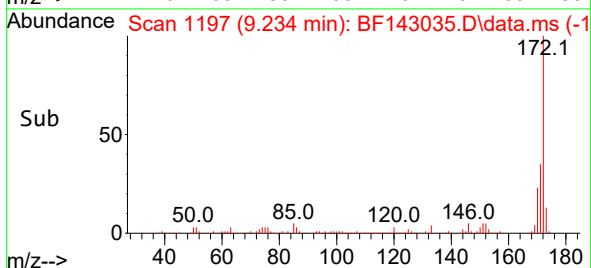
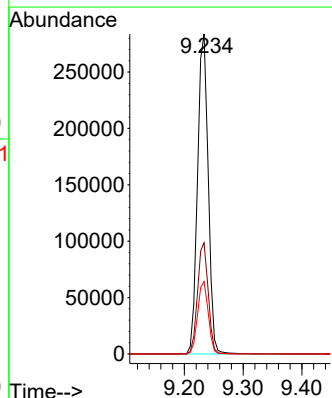
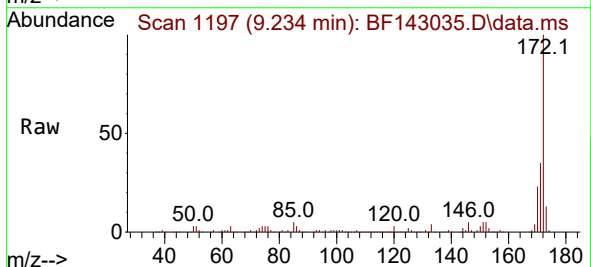
Tgt Ion:172 Resp: 358484

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 22.7 18.5 27.7

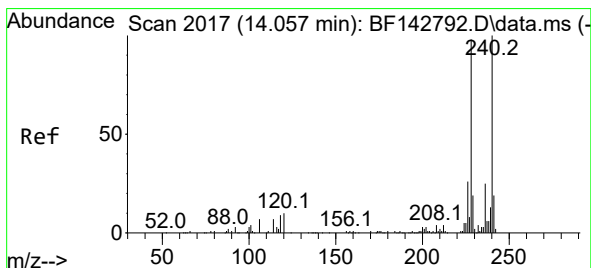
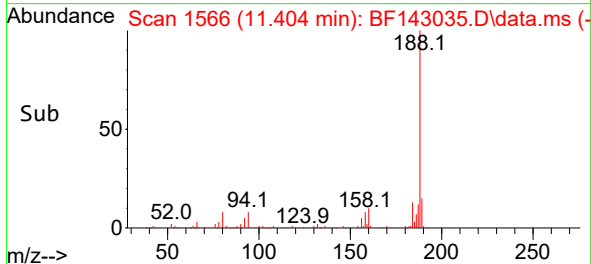
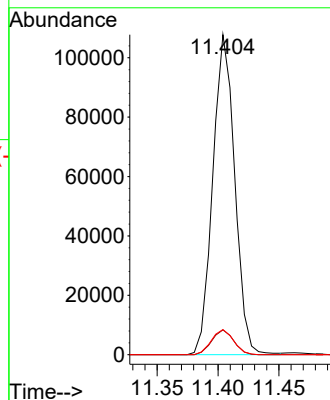
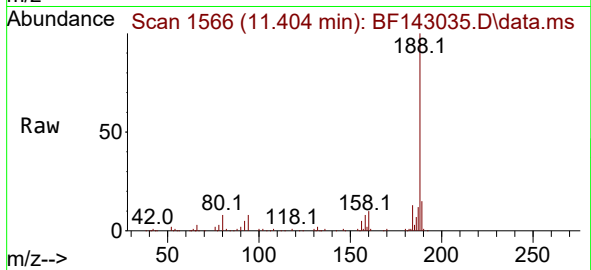




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143035.D
Acq: 08 Jul 2025 16:05

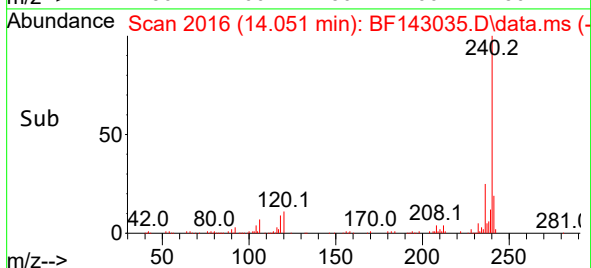
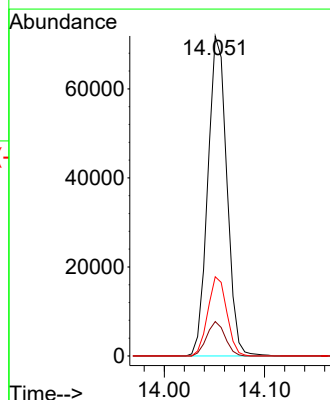
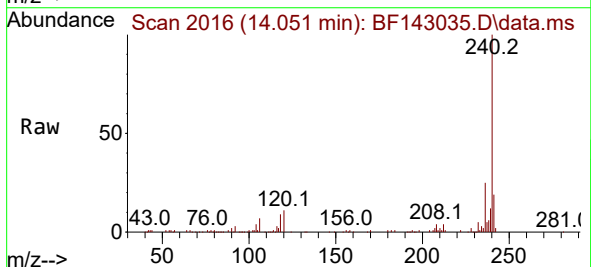
Instrument :
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TP-81

Tgt Ion:188 Resp: 135239
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 7.9 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143035.D
Acq: 08 Jul 2025 16:05

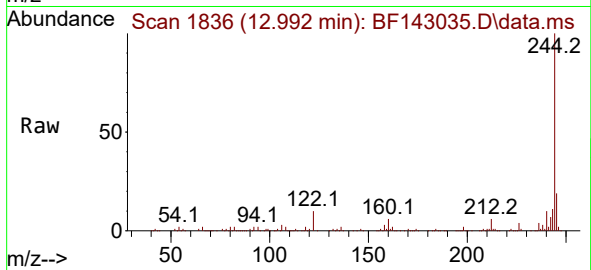
Tgt Ion:240 Resp: 94806
Ion Ratio Lower Upper
240 100
120 10.8 8.2 12.2
236 24.7 19.8 29.8



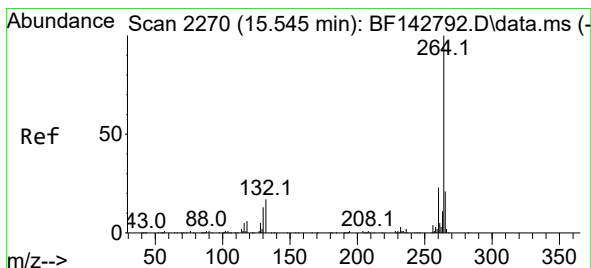
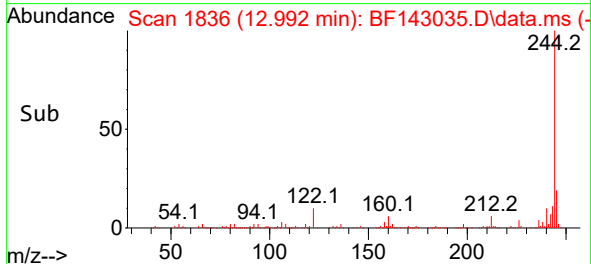
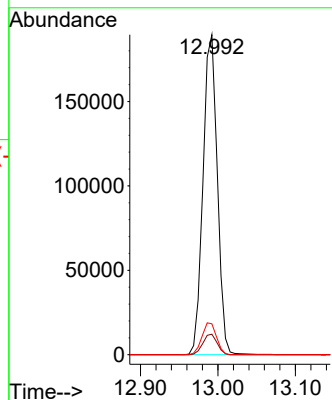


#79
Terphenyl-d14
Concen: 35.436 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF143035.D
Acq: 08 Jul 2025 16:05

Instrument :
BNA_F
ClientSampleId :
TP-81



Tgt Ion:244 Resp: 243143
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 9.7 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF143035.D
Acq: 08 Jul 2025 16:05

Tgt Ion:264 Resp: 119948
Ion Ratio Lower Upper
264 100
260 22.5 18.1 27.1
265 20.9 16.6 25.0

