

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143729.D
 Acq On : 12 Sep 2025 13:15
 Operator : RC/JU
 Sample : Q3075-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0261-0263

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/15/2025
 Supervised By :Jagrut Upadhyay 09/15/2025

Quant Time: Sep 12 13:59:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	25095	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	86344	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	45917	20.000	ng	0.02
64) Phenanthrene-d10	11.492	188	58306	20.000	ng	# 0.08
76) Chrysene-d12	14.110	240	94775	20.000	ng	# 0.06
86) Perylene-d12	15.563	264	105471	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	136984	93.132	ng	0.00
7) Phenol-d6	6.510	99	158987	88.774	ng	0.00
23) Nitrobenzene-d5	7.451	82	89995	64.831	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	39302	84.933	ng	0.05
45) 2-Fluorobiphenyl	9.257	172	170887	56.220	ng	0.01
79) Terphenyl-d14	13.092	244	194114	33.191	ng	0.10

Target Compounds	Qvalue

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

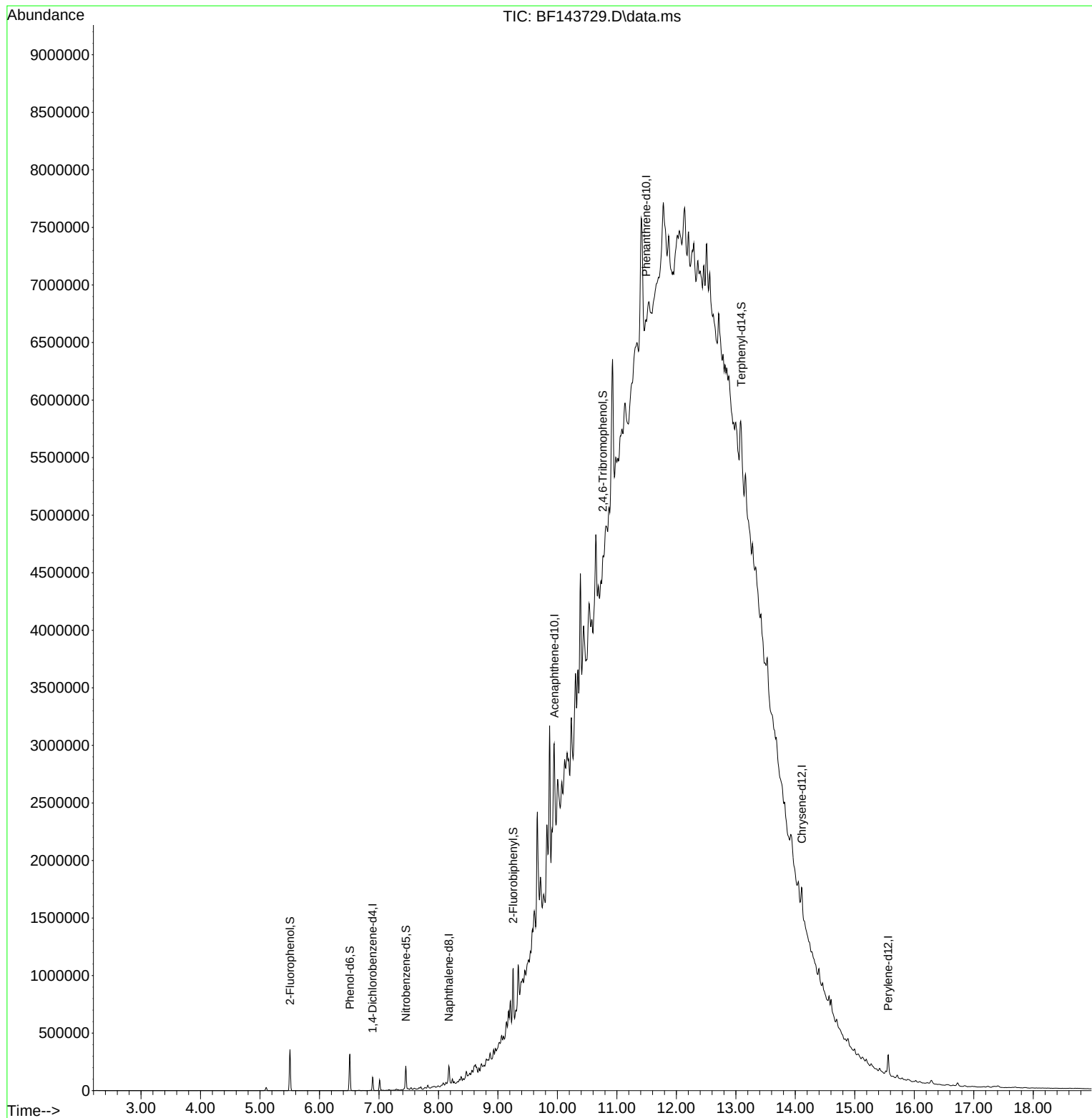
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143729.D
Acq On : 12 Sep 2025 13:15
Operator : RC/JU
Sample : Q3075-11
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ALS Vial : 7 Sample Multiplier: 1

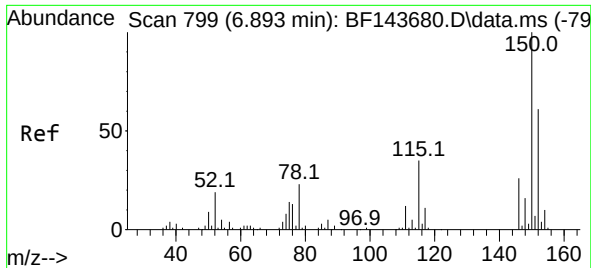
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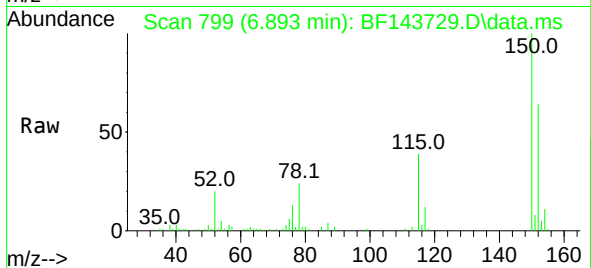
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Supervised By :Jagrut Upadhyay 09/15/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF143729.D
Acq: 12 Sep 2025 13:15

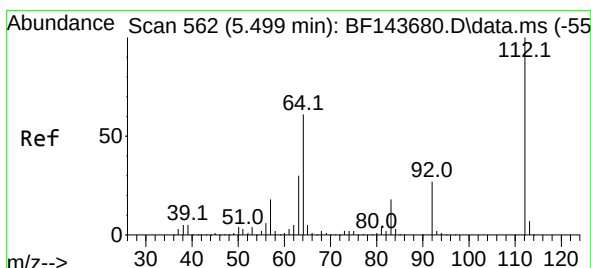
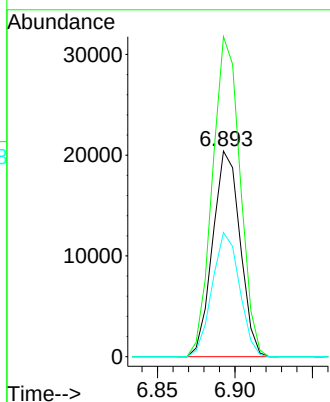
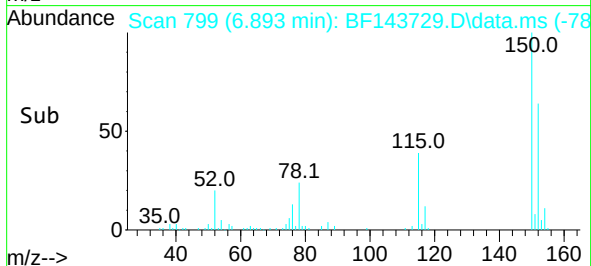
Instrument :
BNA_F
ClientSampleId :
MOO-25-0261-0263



Tgt Ion:152 Resp: 25099
Ion Ratio Lower Upper
152 100
150 155.7 130.7 196.1
115 60.4 45.9 68.9

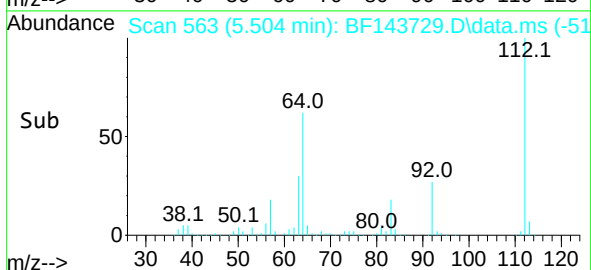
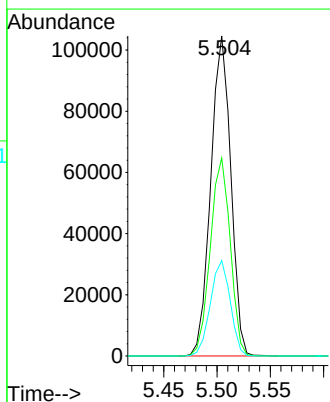
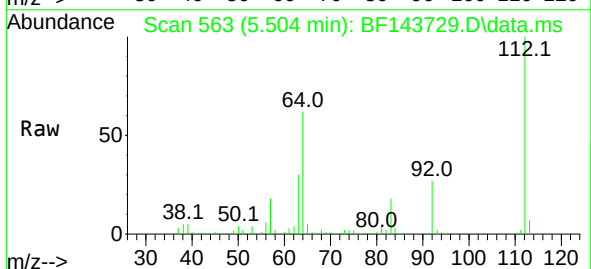
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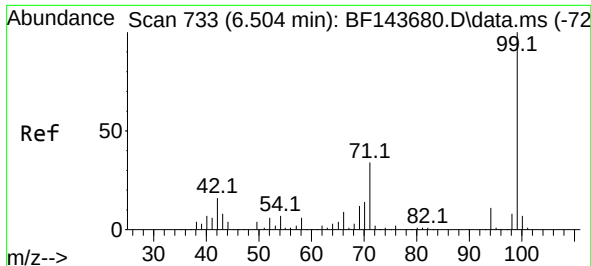
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#5
2-Fluorophenol
Concen: 93.132 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143729.D
Acq: 12 Sep 2025 13:15

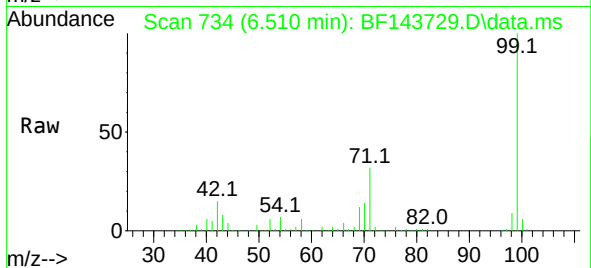
Tgt Ion:112 Resp: 136984
Ion Ratio Lower Upper
112 100
64 61.9 49.0 73.4
63 29.8 24.3 36.5





#7
Phenol-d6
Concen: 88.774 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143729.D
Acq: 12 Sep 2025 13:15

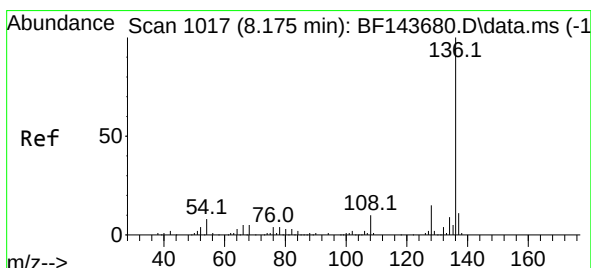
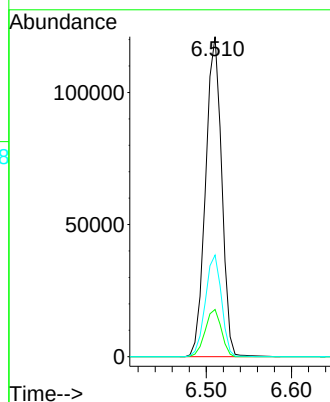
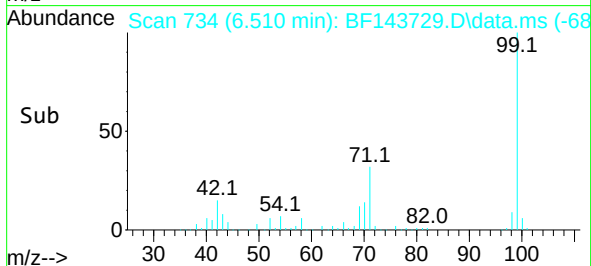
Instrument :
BNA_F
ClientSampleId :
MOO-25-0261-0263



Tgt Ion: 99 Resp: 15898
Ion Ratio Lower Upper
99 100
42 14.8 13.0 19.4
71 31.8 27.4 41.2

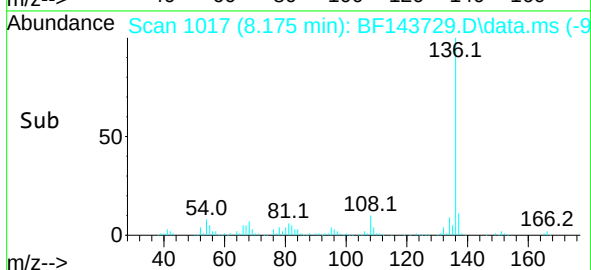
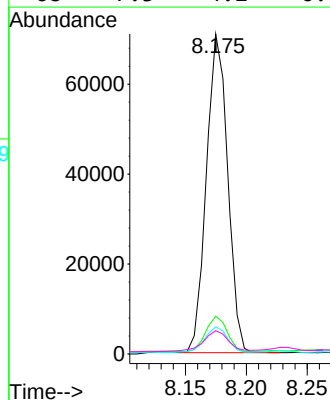
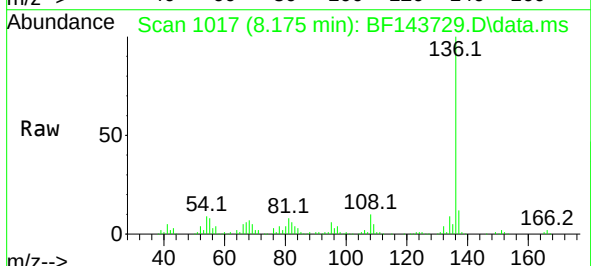
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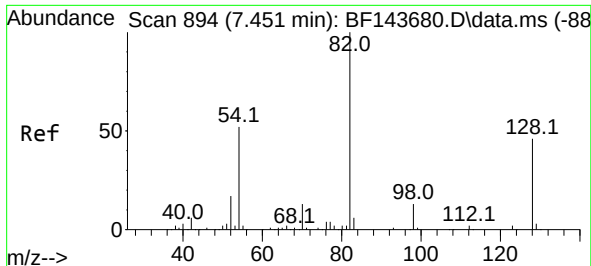
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Supervised By :Jagrut Upadhyay 09/15/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143729.D
Acq: 12 Sep 2025 13:15

Tgt Ion:136 Resp: 86344
Ion Ratio Lower Upper
136 100
137 11.8 8.7 13.1
54 8.5 6.2 9.2
68 7.3 4.2 6.4





#23

Nitrobenzene-d5

Concen: 64.831 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143729.D

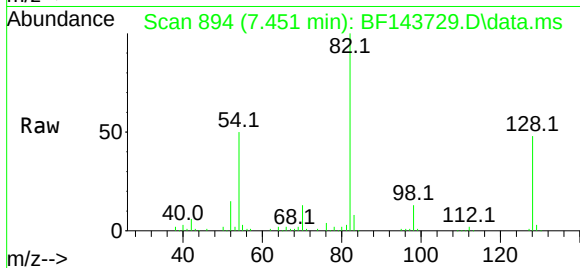
Acq: 12 Sep 2025 13:15

Instrument :

BNA_F

ClientSampleId :

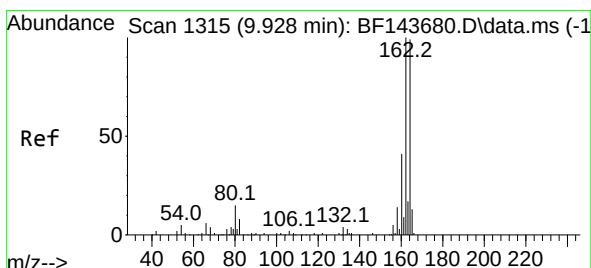
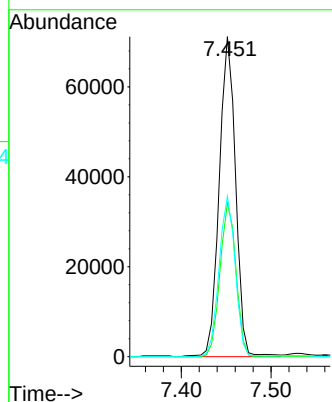
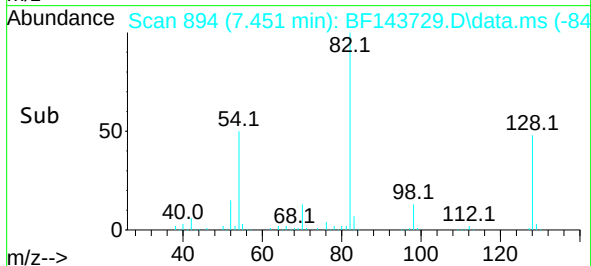
MOO-25-0261-0263



Tgt Ion: 82	Resp: 8999
Ion Ratio	Lower Upper
82	100
128	48.0 37.0 55.4
54	50.1 41.8 62.8

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#39

Acenaphthene-d10

Concen: 20.000 ng

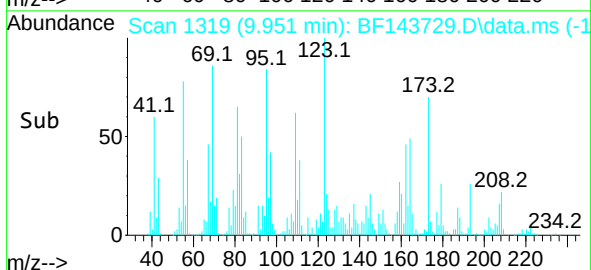
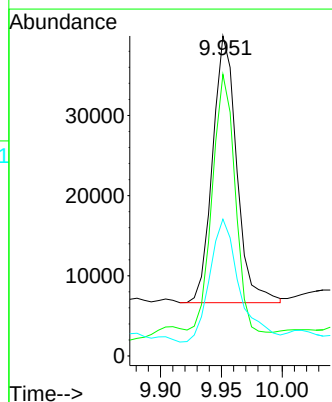
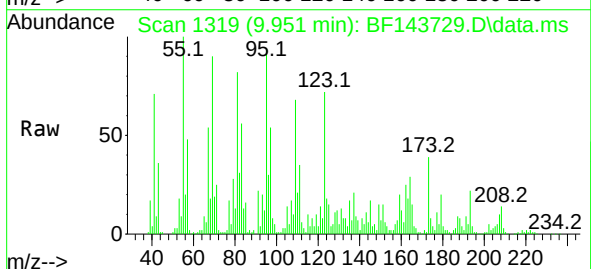
RT: 9.951 min Scan# 1319

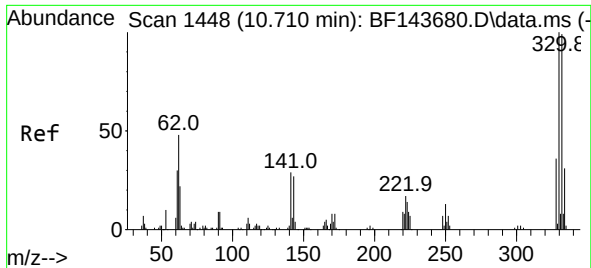
Delta R.T. 0.023 min

Lab File: BF143729.D

Acq: 12 Sep 2025 13:15

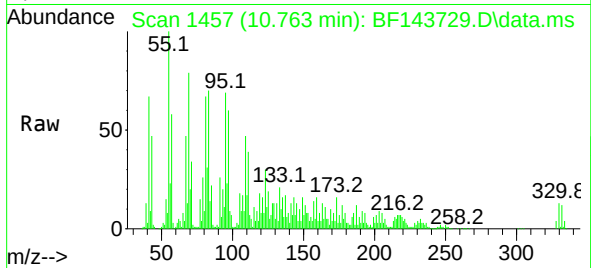
Tgt Ion:164	Resp: 45917
Ion Ratio	Lower Upper
164	100
162	88.0 80.6 121.0
160	42.8 33.0 49.4





#42
2,4,6-Tribromophenol
Concen: 84.933 ng
RT: 10.763 min Scan# 1448
Delta R.T. 0.053 min
Lab File: BF143729.D
Acq: 12 Sep 2025 13:15

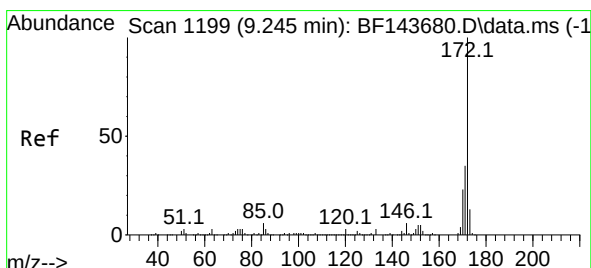
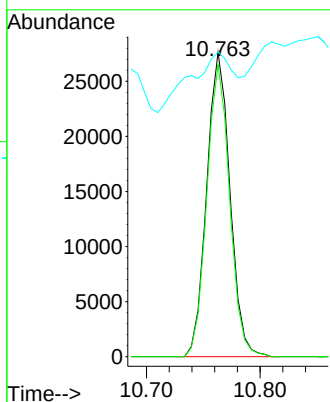
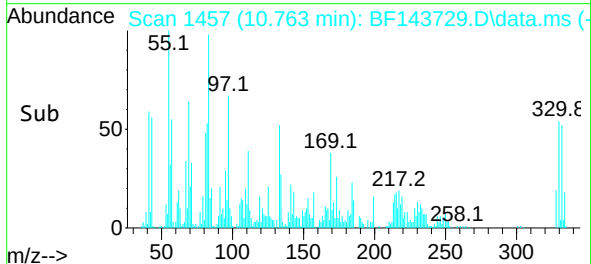
Instrument :
BNA_F
ClientSampleId :
MOO-25-0261-0263



Tgt Ion: 330 Resp: 3930
Ion Ratio Lower Upper
330 100
332 94.2 79.2 118.8
141 36.4 22.2 33.4

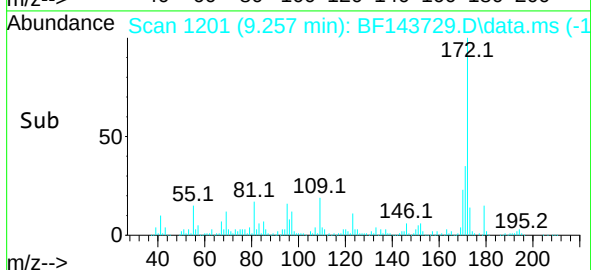
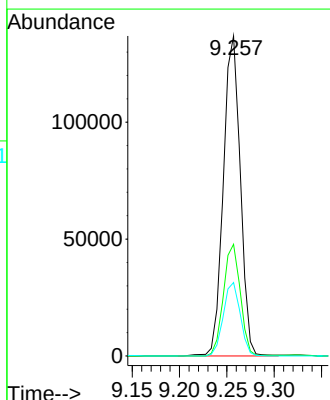
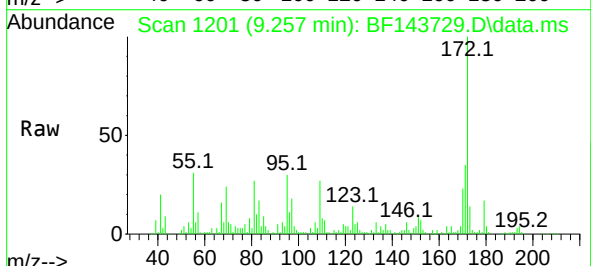
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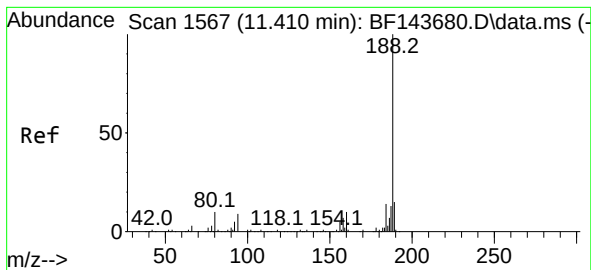
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Supervised By :Jagrut Upadhyay 09/15/2025



#45
2-Fluorobiphenyl
Concen: 56.220 ng
RT: 9.257 min Scan# 1201
Delta R.T. 0.012 min
Lab File: BF143729.D
Acq: 12 Sep 2025 13:15

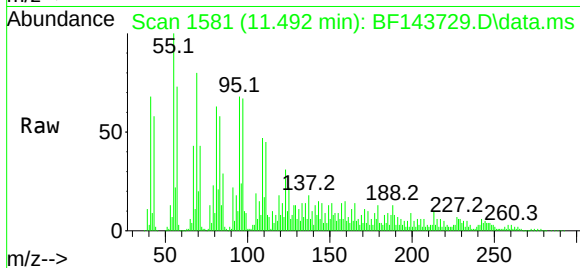
Tgt Ion: 172 Resp: 170887
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.0 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11492
Delta R.T. 0.082 min
Lab File: BF143729.D
Acq: 12 Sep 2025 13:15

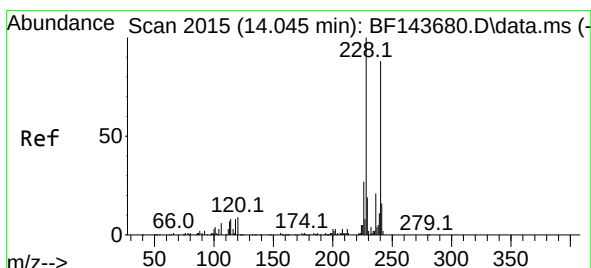
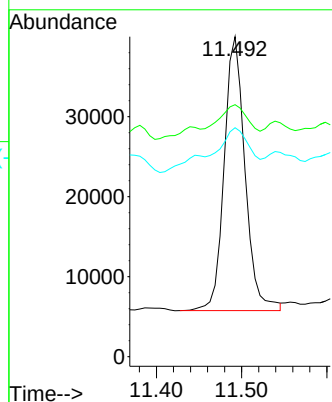
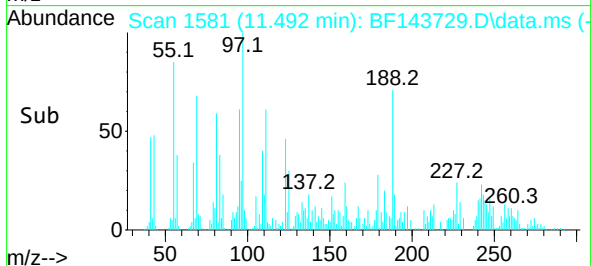
Instrument :
BNA_F
ClientSampleId :
MOO-25-0261-0263



Tgt Ion:188 Resp: 58300
Ion Ratio Lower Upper
188 100
94 78.8 7.4 11.0
80 71.6 7.7 11.5

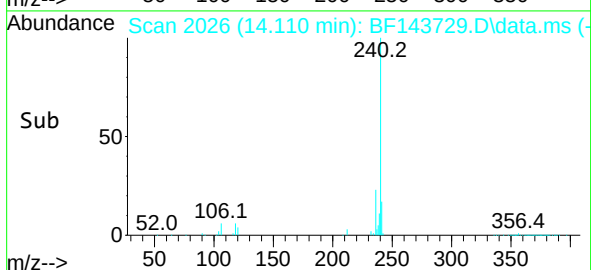
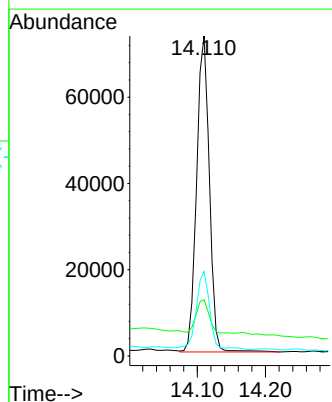
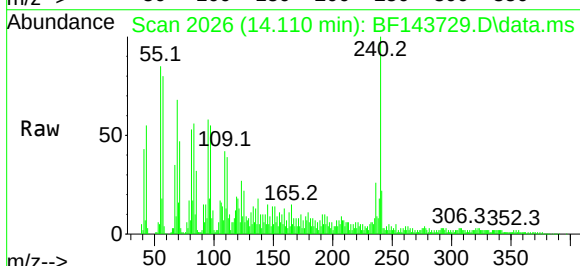
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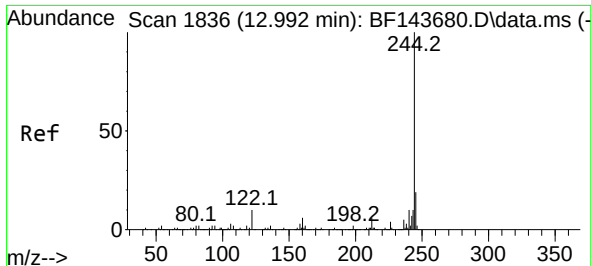
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2026
Delta R.T. 0.065 min
Lab File: BF143729.D
Acq: 12 Sep 2025 13:15

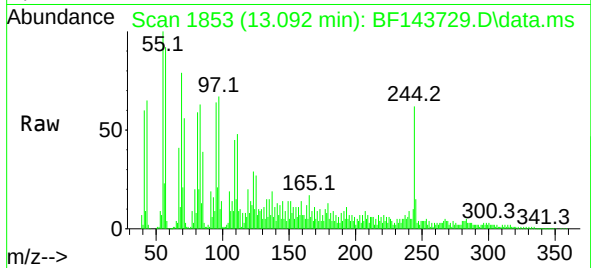
Tgt Ion:240 Resp: 94775
Ion Ratio Lower Upper
240 100
120 17.6 8.4 12.6
236 26.4 18.6 28.0





#79
 Terphenyl-d14
 Concen: 33.191 ng
 RT: 13.092 min Scan# 1836
 Delta R.T. 0.100 min
 Lab File: BF143729.D
 Acq: 12 Sep 2025 13:15

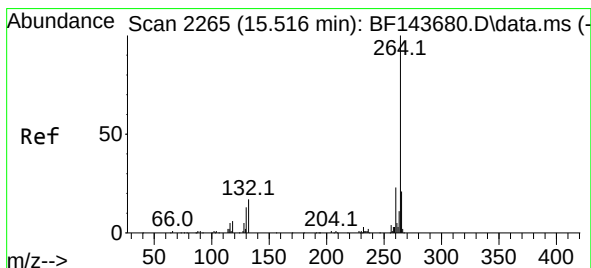
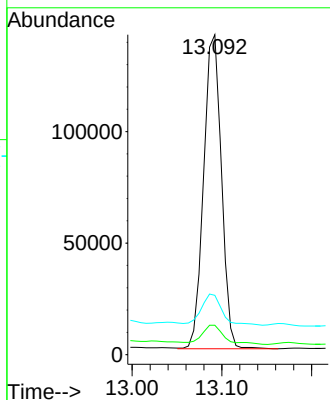
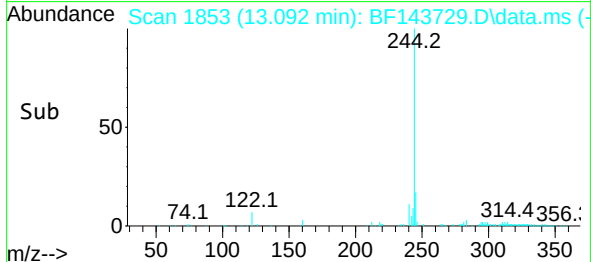
Instrument :
 BNA_F
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 MOO-25-0261-0263



Tgt Ion:244 Resp: 194114
 Ion Ratio Lower Upper
 244 100
 212 9.2 5.0 7.6
 122 18.6 7.9 11.9

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2273
 Delta R.T. 0.047 min
 Lab File: BF143729.D
 Acq: 12 Sep 2025 13:15

Tgt Ion:264 Resp: 105471
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.5 17.1 25.7

