

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
 Data File : BF143434.D
 Acq On : 18 Aug 2025 11:41
 Operator : RC/JU
 Sample : Q2832-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TG-S05

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/19/2025
 Supervised By :Jagrut Upadhyay 08/19/2025

Quant Time: Aug 18 12:23:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	115498	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	444901	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	246416	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	401400	20.000	ng	0.00
76) Chrysene-d12	14.086	240	273750	20.000	ng	0.00
86) Perylene-d12	15.574	264	259673	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	871355	131.145	ng	0.01
7) Phenol-d6	6.557	99	1039114	124.099	ng	0.00
23) Nitrobenzene-d5	7.481	82	765549	102.106	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	345175	157.378	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1382683	94.379	ng	0.00
79) Terphenyl-d14	13.027	244	1564193	95.986	ng	0.00
Target Compounds						
32) Benzoic acid	7.975	122	11065m	3.464	ng	Qvalue

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

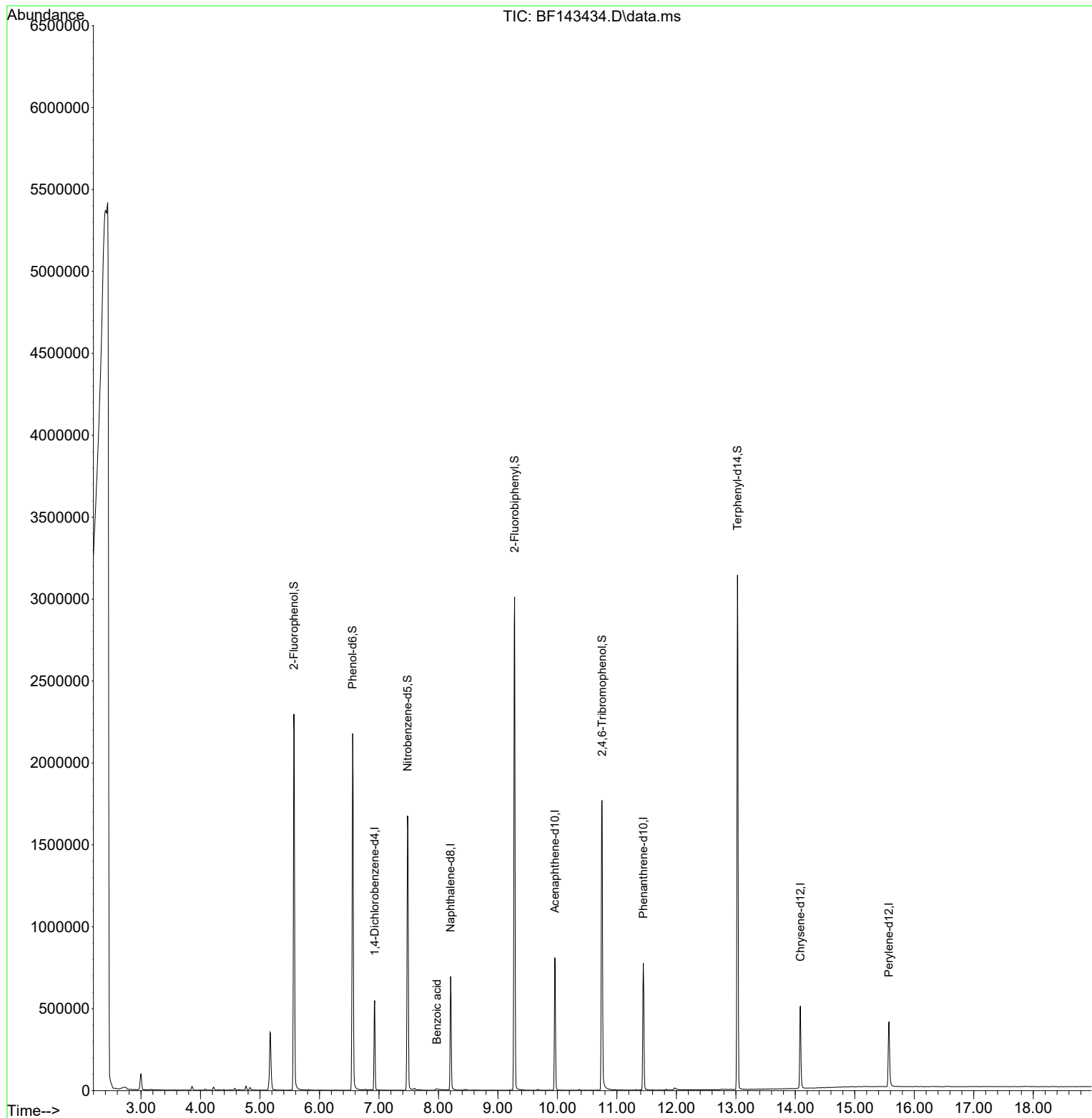
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
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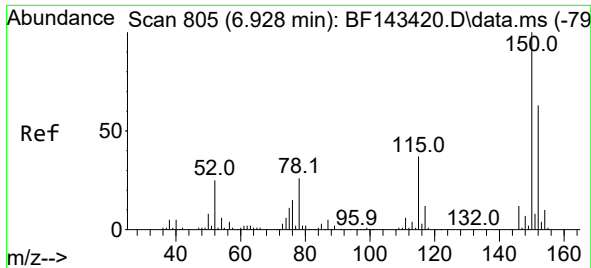
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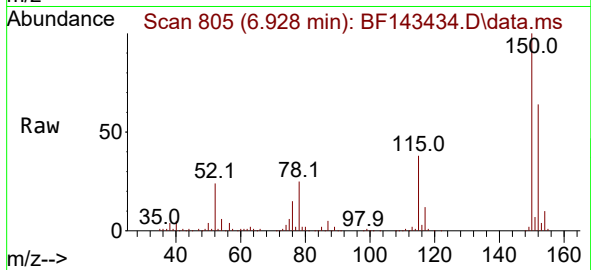
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Supervised By :Jagrut Upadhyay 08/19/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143434.D
Acq: 18 Aug 2025 11:41

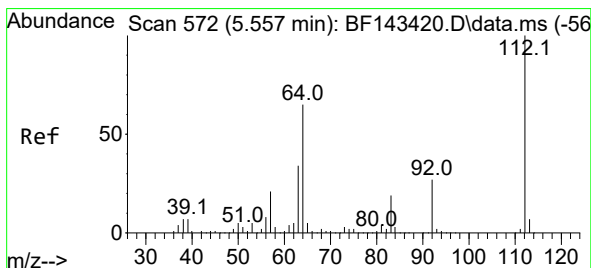
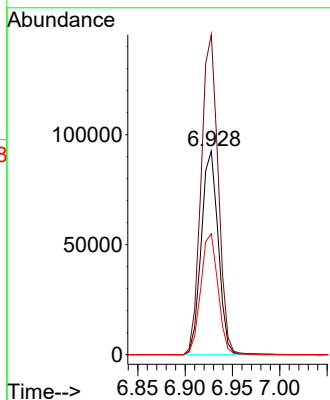
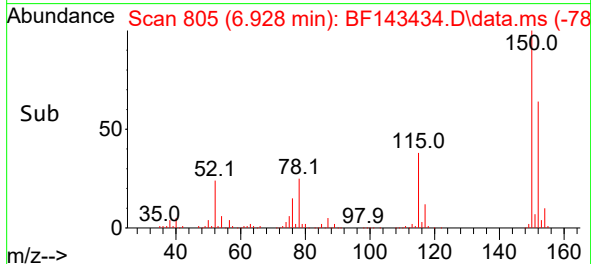
Instrument :
BNA_F
ClientSampleId :
TG-S05



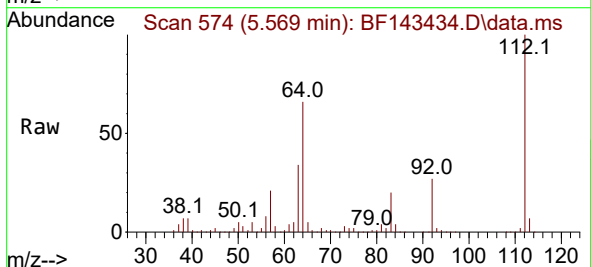
Tgt Ion:152 Resp: 115498
Ion Ratio Lower Upper
152 100
150 157.1 127.4 191.2
115 59.4 47.5 71.3

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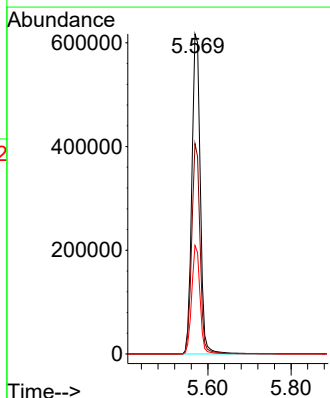
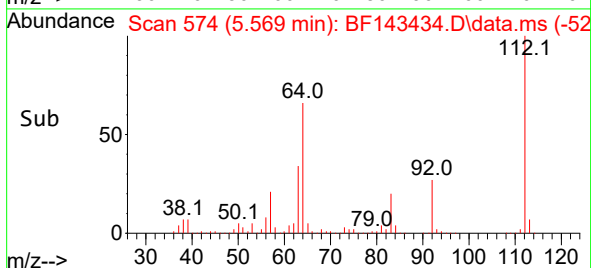
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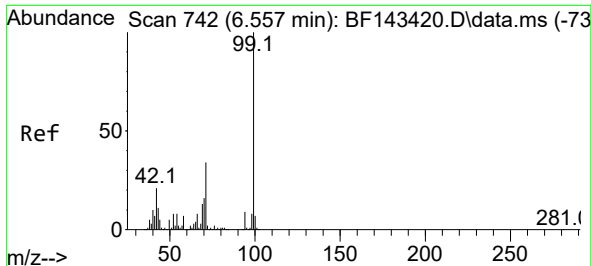


#5
2-Fluorophenol
Concen: 131.145 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF143434.D
Acq: 18 Aug 2025 11:41



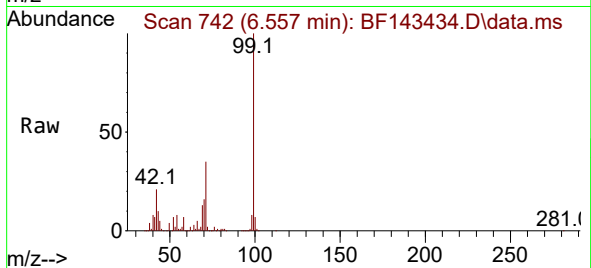
Tgt Ion:112 Resp: 871355
Ion Ratio Lower Upper
112 100
64 65.8 52.2 78.2
63 33.9 27.0 40.6





#7
Phenol-d6
Concen: 124.099 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF143434.D
Acq: 18 Aug 2025 11:41

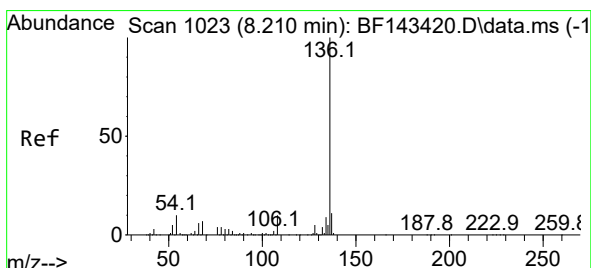
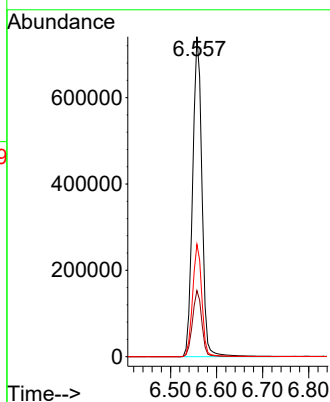
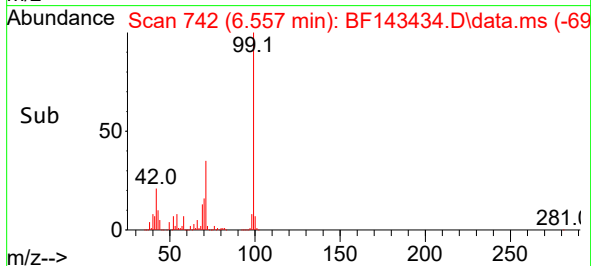
Instrument :
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TG-S05



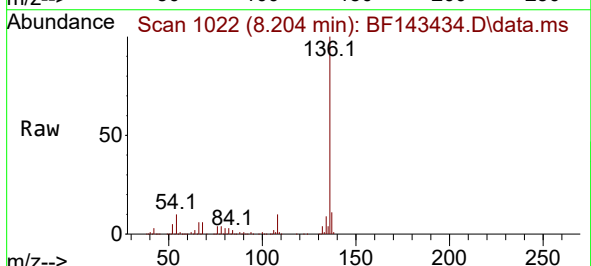
Tgt Ion: 99 Resp: 1039114
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 35.1 27.4 41.2

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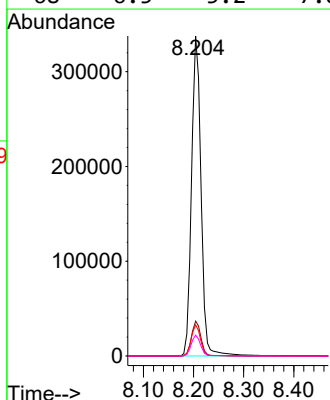
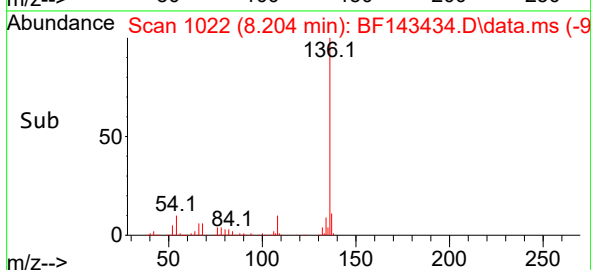
Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

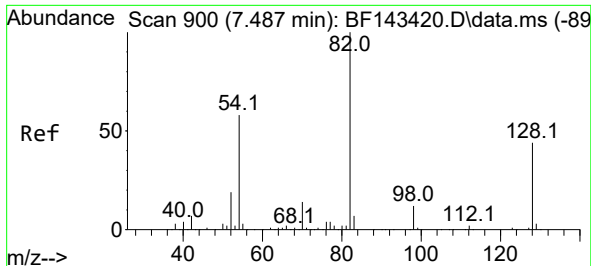


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143434.D
Acq: 18 Aug 2025 11:41



Tgt Ion:136 Resp: 444901
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.7 7.8 11.8
68 6.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 102.106 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF143434.D

Acq: 18 Aug 2025 11:41

Instrument :

BNA_F

ClientSampleId :

TG-S05

Tgt Ion: 82 Resp: 765549

Ion Ratio Lower Upper

82 100

128 43.0 34.6 52.0

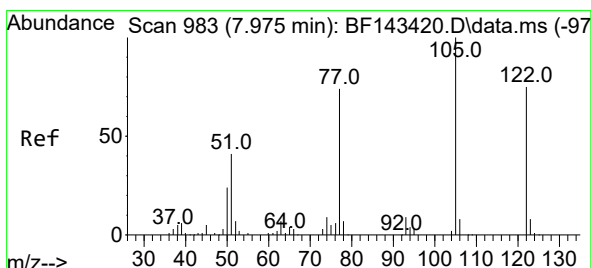
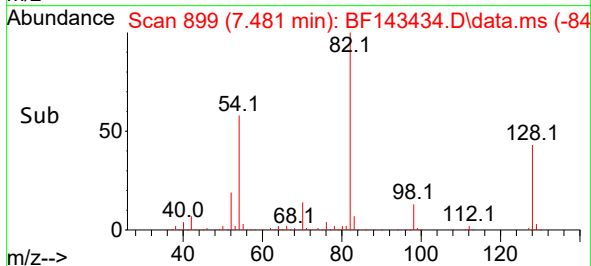
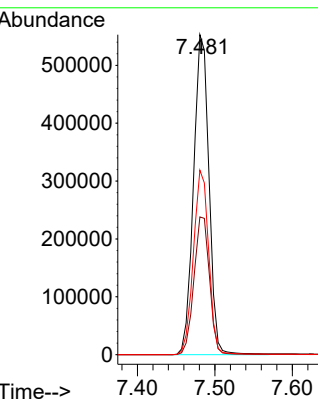
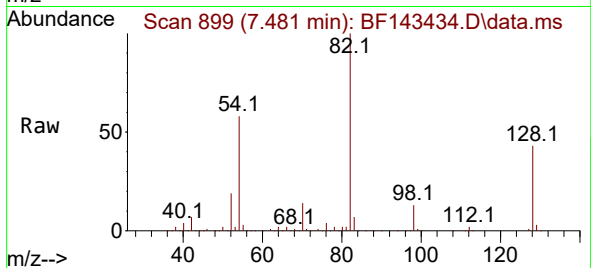
54 57.7 46.0 69.0

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#32

Benzoic acid

Concen: 3.464 ng m

RT: 7.975 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF143434.D

Acq: 18 Aug 2025 11:41

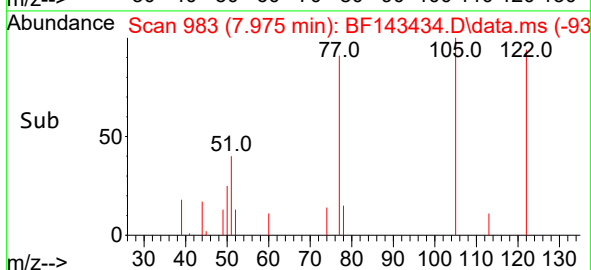
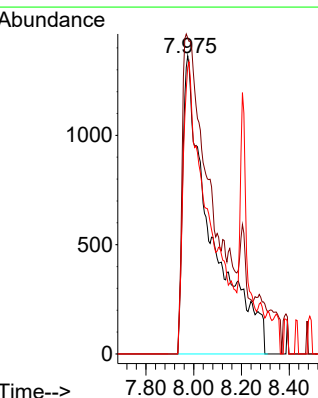
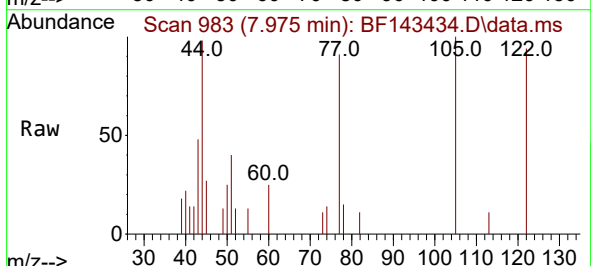
Tgt Ion:122 Resp: 11065

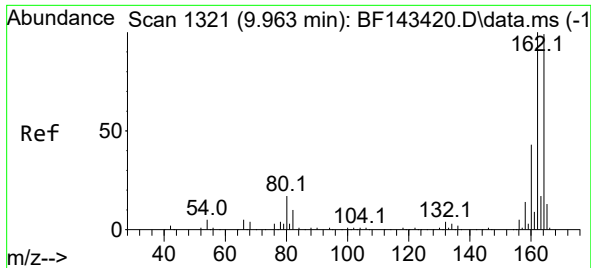
Ion Ratio Lower Upper

122 100

105 106.0 108.4 148.4#

77 96.2 75.9 115.9





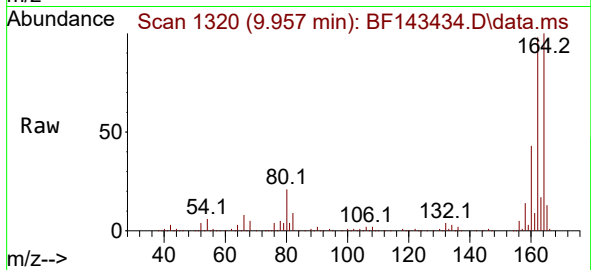
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143434.D
Acq: 18 Aug 2025 11:41

Instrument :

BNA_F

ClientSampleId :

TG-S05



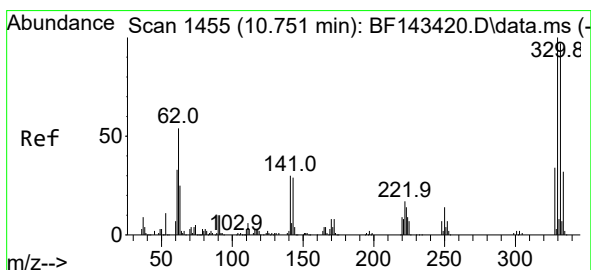
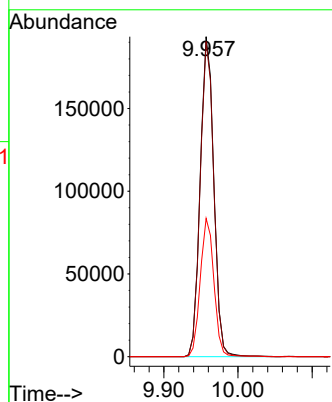
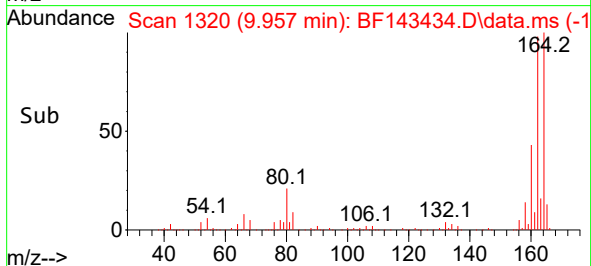
Tgt Ion:164 Resp: 246410
Ion Ratio Lower Upper
164 100
162 98.5 80.6 121.0
160 43.2 34.6 51.8

Manual Integrations

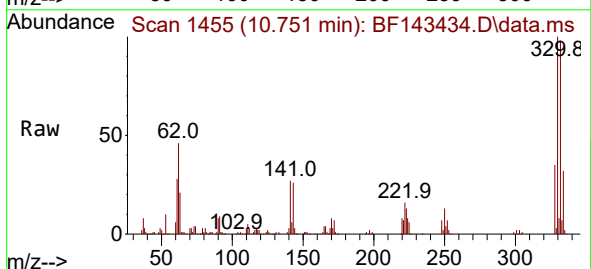
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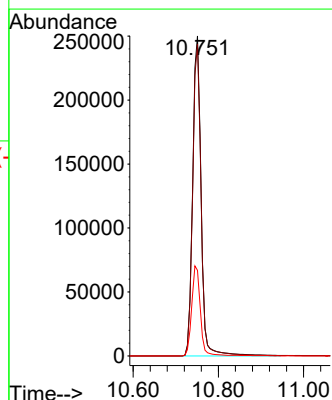
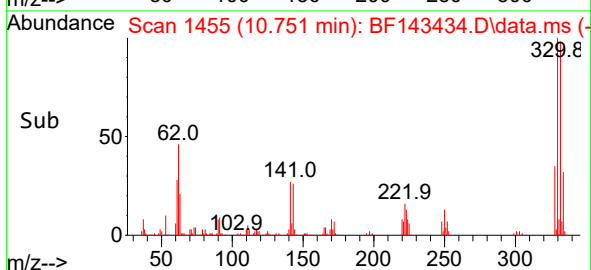
Supervised By :Jagrut Upadhyay 08/19/2025

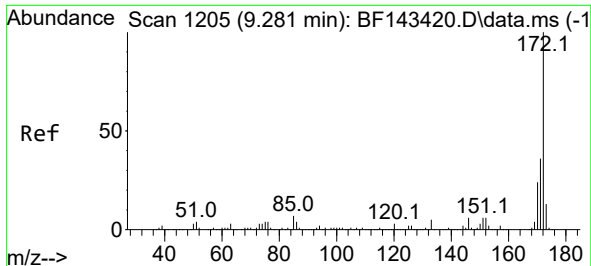


#42
2,4,6-Tribromophenol
Concen: 157.378 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF143434.D
Acq: 18 Aug 2025 11:41



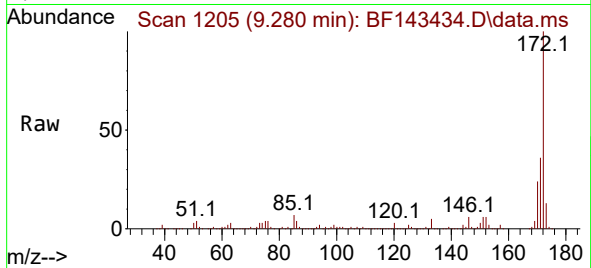
Tgt Ion:330 Resp: 345175
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.2
141 29.3 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 94.379 ng
RT: 9.280 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143434.D
Acq: 18 Aug 2025 11:41

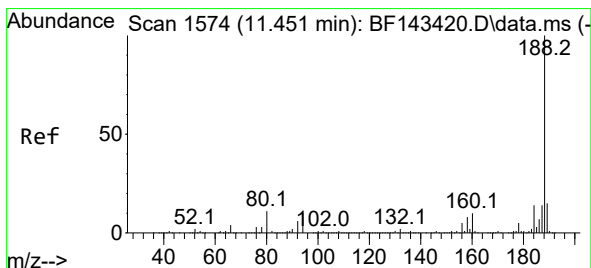
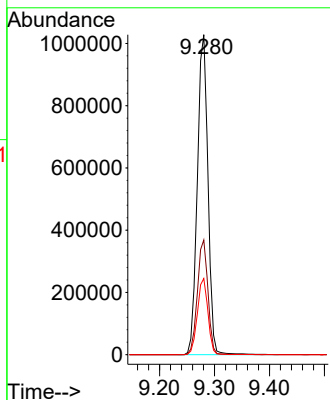
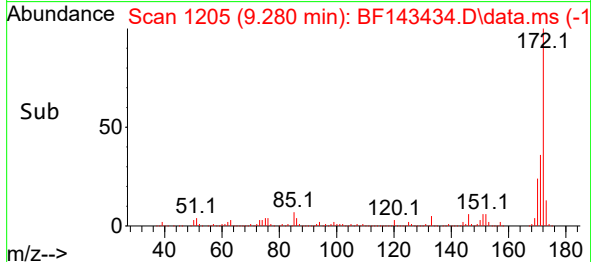
Instrument :
BNA_F
ClientSampleId :
TG-S05



Tgt Ion:172 Resp: 138268
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.8 19.0 28.6

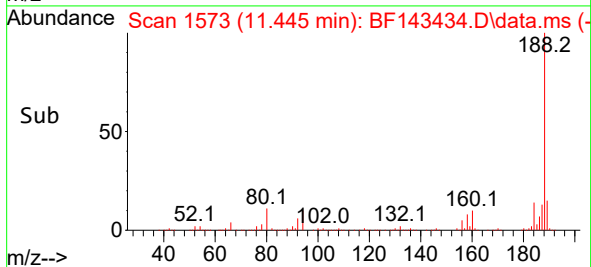
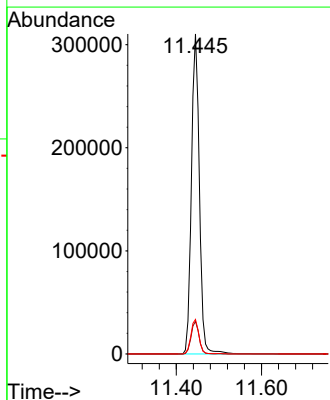
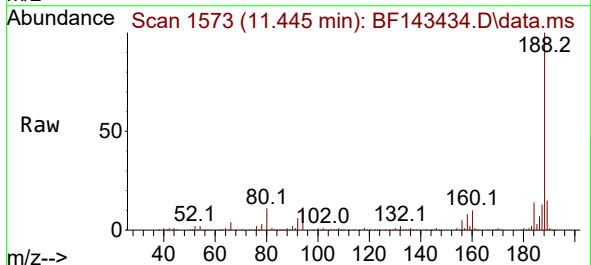
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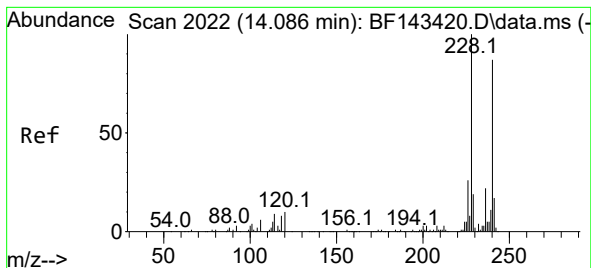
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF143434.D
Acq: 18 Aug 2025 11:41

Tgt Ion:188 Resp: 401400
Ion Ratio Lower Upper
188 100
94 10.2 8.0 12.0
80 10.8 8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF143434.D

Acq: 18 Aug 2025 11:41

Instrument :

BNA_F

ClientSampleId :

TG-S05

Tgt Ion:240 Resp: 273750

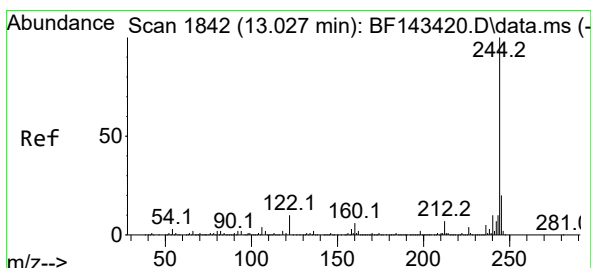
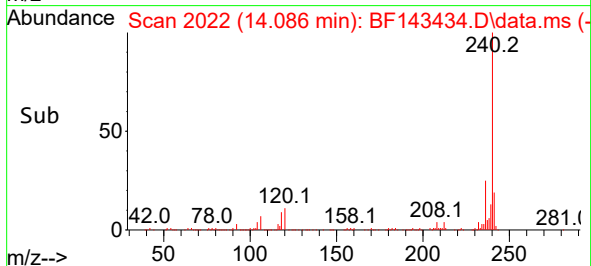
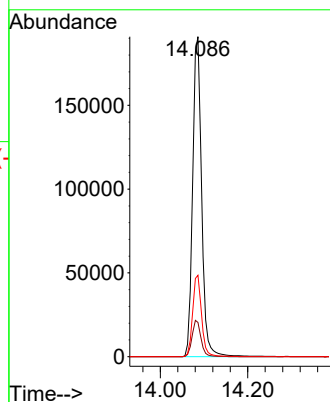
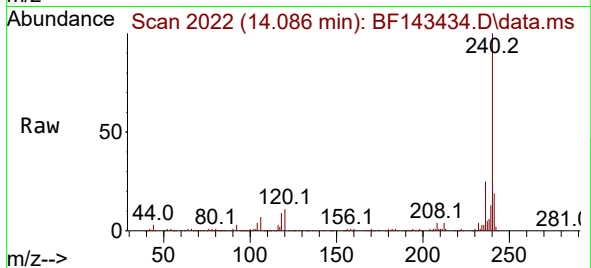
Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.4
236	25.4	20.2	30.2

Manual Integrations

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#79

Terphenyl-d14

Concen: 95.986 ng

RT: 13.027 min Scan# 1842

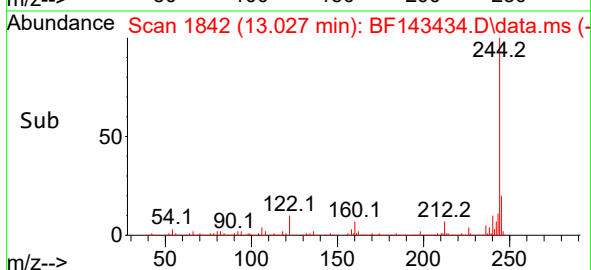
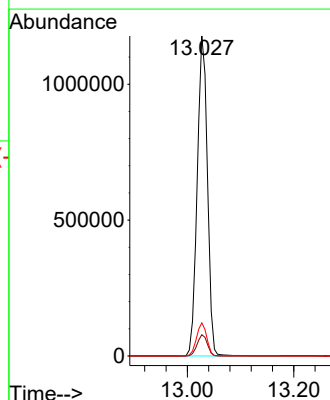
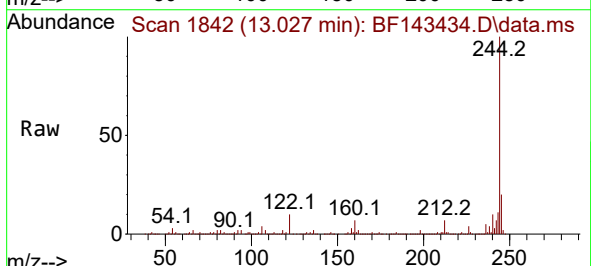
Delta R.T. -0.000 min

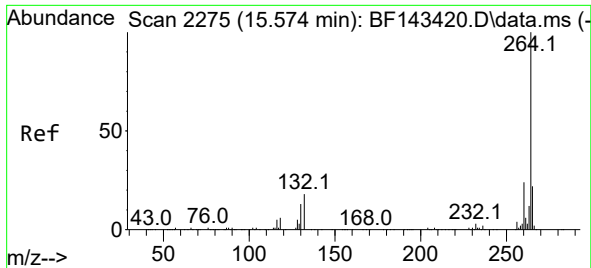
Lab File: BF143434.D

Acq: 18 Aug 2025 11:41

Tgt Ion:244 Resp: 1564193

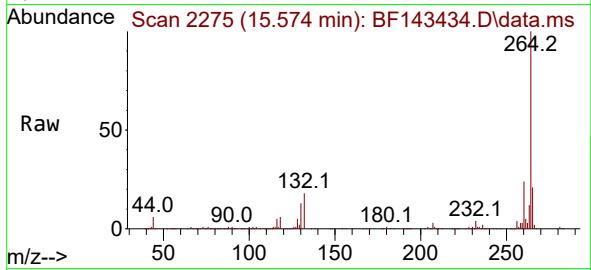
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	10.4	8.3	12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF143434.D
 Acq: 18 Aug 2025 11:41

Instrument :
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Tgt Ion:264 Resp: 25967
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.4 17.4 26.0

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