

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142543.D
 Acq On : 23 May 2025 18:58
 Operator : RC/JU
 Sample : Q2102-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAW-25-0078

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025

Quant Time: May 23 22:53:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	101819	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	339360	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	143047	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	189633	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	217875	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	195613	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	351902	58.228	ng	0.00
7) Phenol-d6	6.534	99	269190	37.002	ng	0.00
23) Nitrobenzene-d5	7.457	82	487267	78.295	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	165980	104.545	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	887578	83.260	ng	-0.01
79) Terphenyl-d14	13.027	244	746909	46.847	ng	0.01
Target Compounds						Qvalue
46) 1,1'-Biphenyl	9.357	154	102270	9.215	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	101962m	14.182	ng	

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

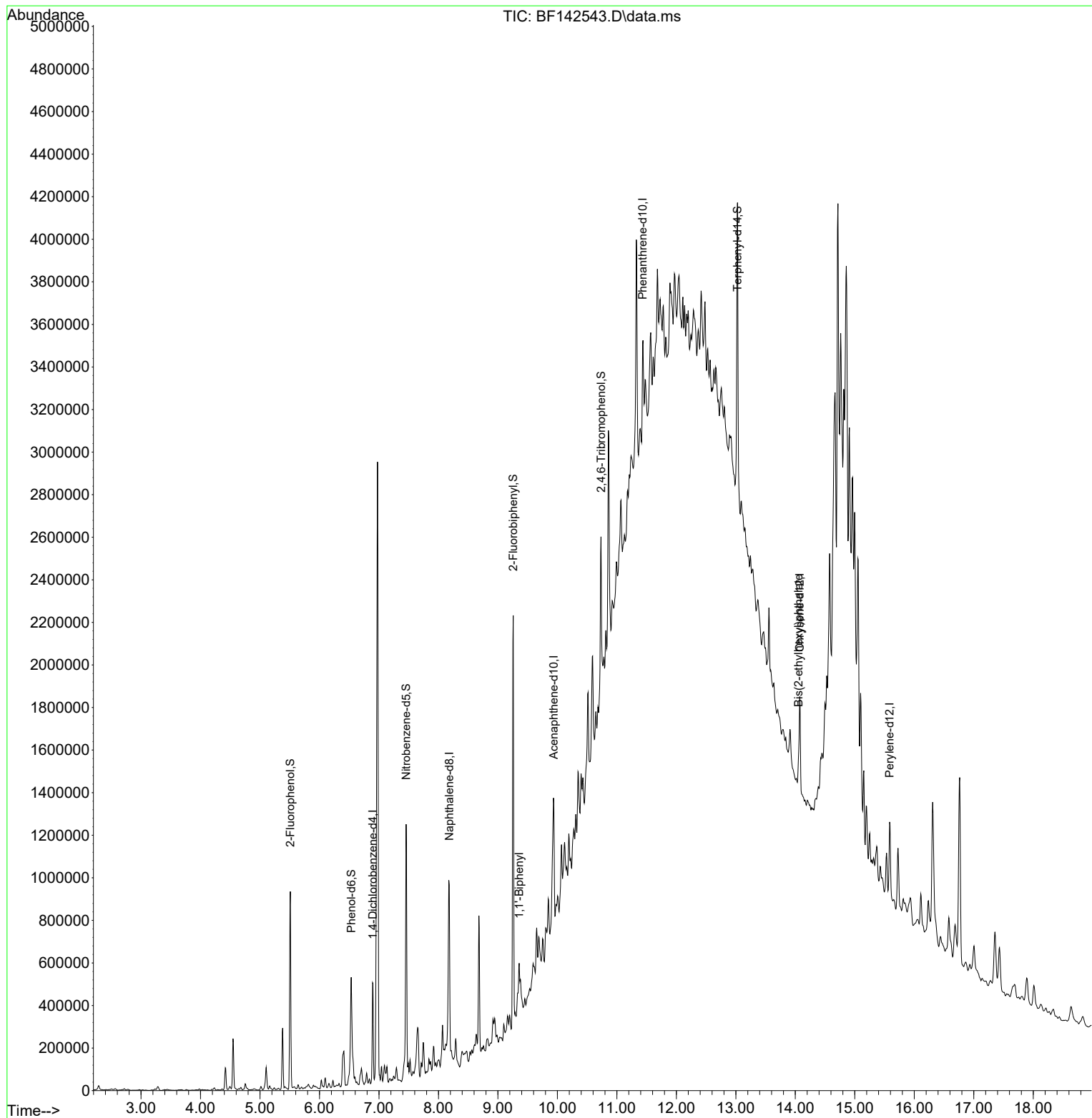
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142543.D
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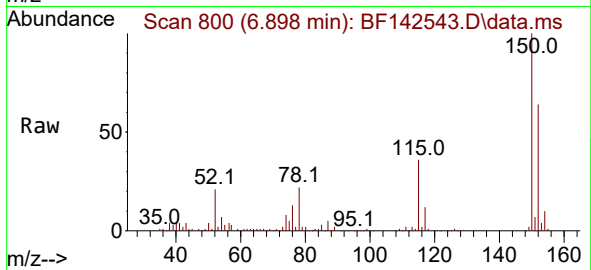
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142543.D
Acq: 23 May 2025 18:58

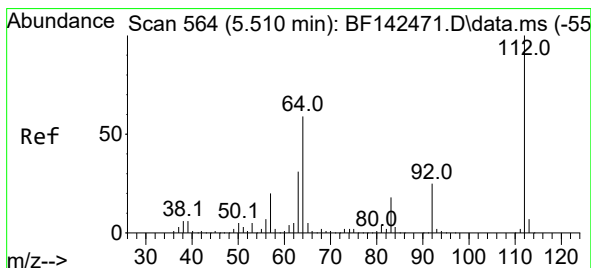
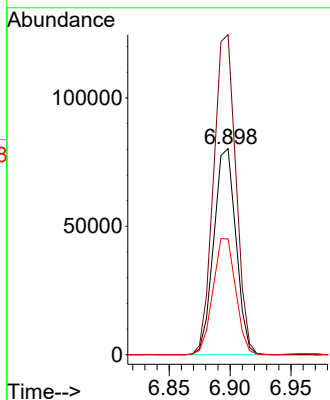
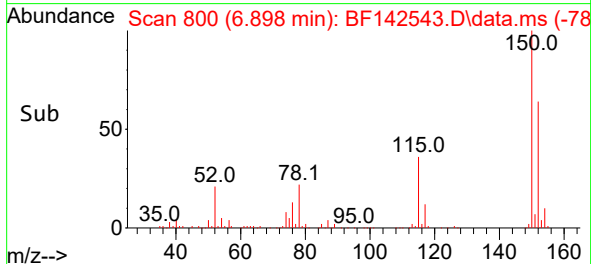
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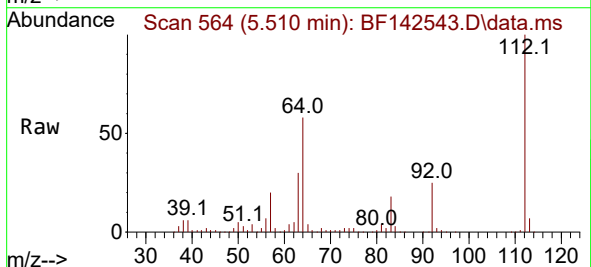
Tgt Ion:152 Resp: 101819
Ion Ratio Lower Upper
152 100
150 155.3 128.2 192.4
115 56.1 48.3 72.5

Manual Integrations
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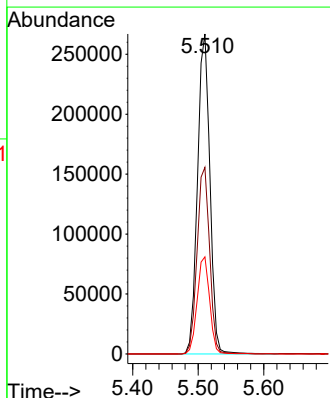
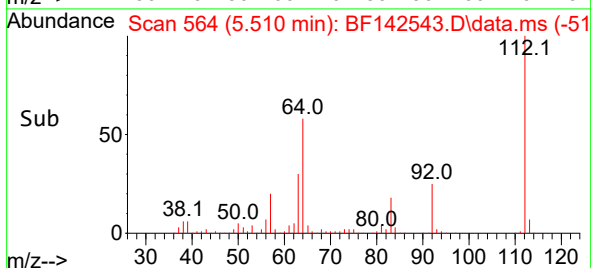
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

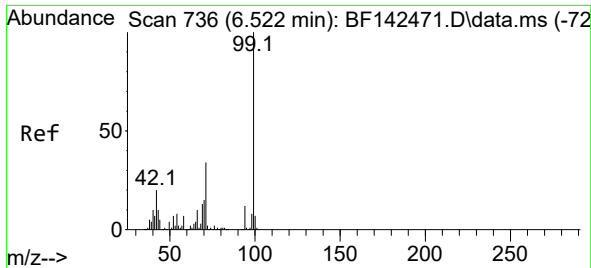


#5
2-Fluorophenol
Concen: 58.228 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142543.D
Acq: 23 May 2025 18:58



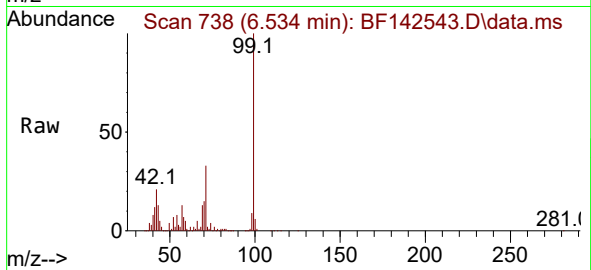
Tgt Ion:112 Resp: 351902
Ion Ratio Lower Upper
112 100
64 58.3 47.5 71.3
63 30.4 24.9 37.3





#7
Phenol-d6
Concen: 37.002 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142543.D
Acq: 23 May 2025 18:58

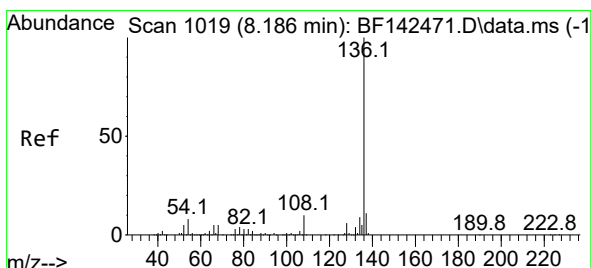
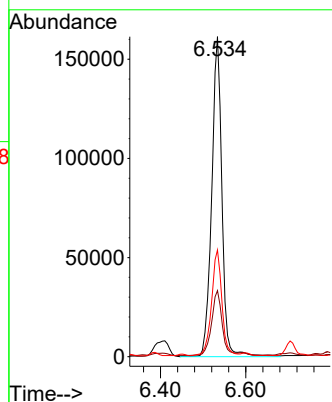
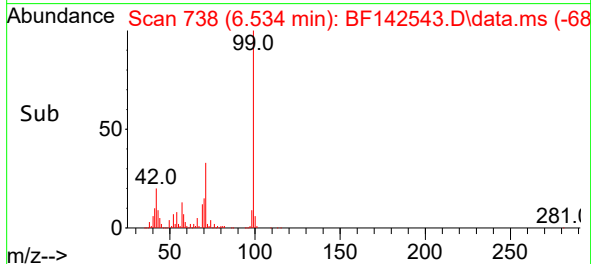
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LAW-25-0078



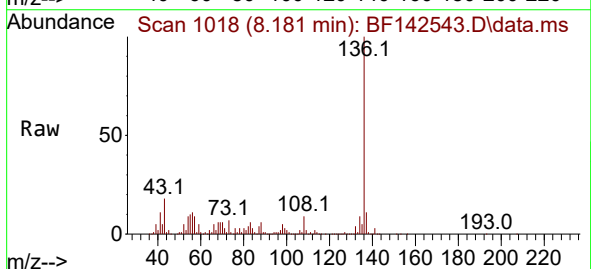
Tgt Ion: 99 Resp: 269190
Ion Ratio Lower Upper
99 100
42 20.6 16.2 24.2
71 33.3 27.3 40.9

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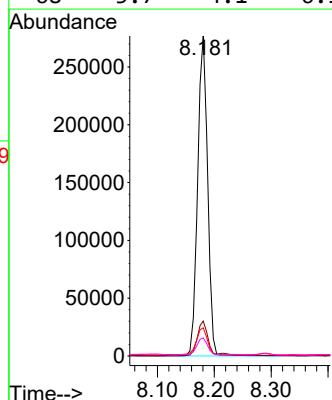
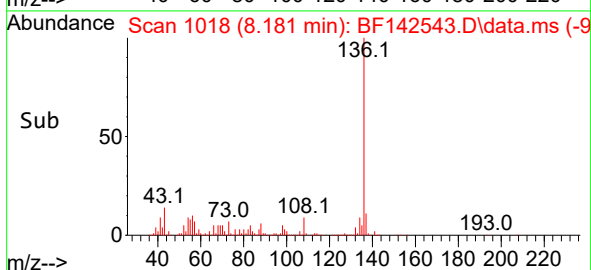
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

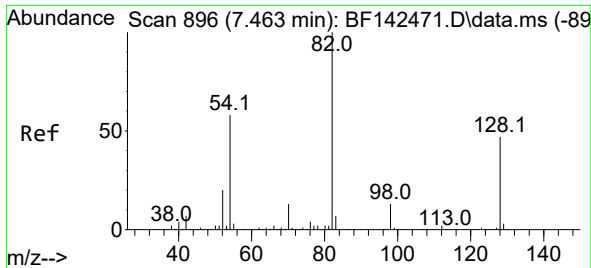


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142543.D
Acq: 23 May 2025 18:58



Tgt Ion:136 Resp: 339360
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 6.6 10.0
68 5.7 4.1 6.1





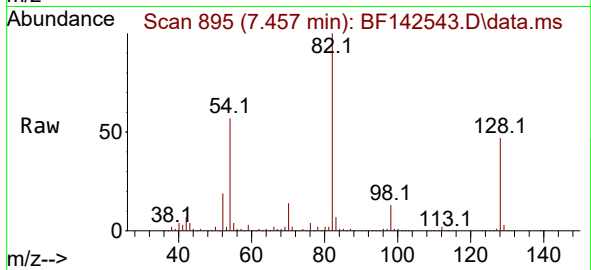
#23
Nitrobenzene-d5
Concen: 78.295 ng
RT: 7.457 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF142543.D
Acq: 23 May 2025 18:58

Instrument :

BNA_F

ClientSampleId :

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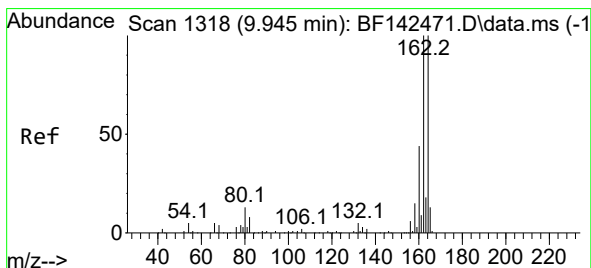
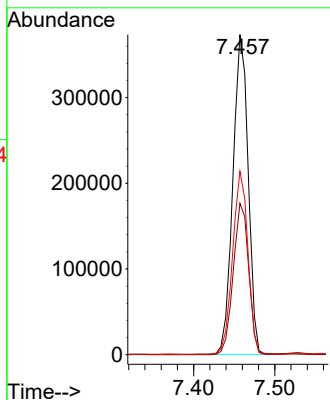
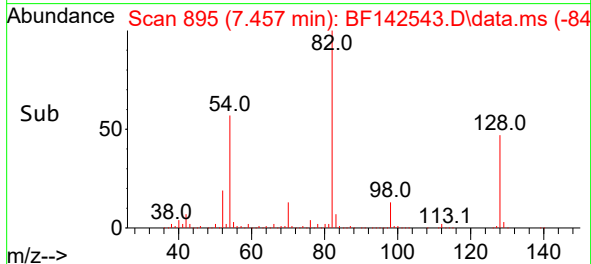


Tgt Ion: 82 Resp: 48726
Ion Ratio Lower Upper
82 100
128 47.3 37.4 56.2
54 57.3 46.6 70.0

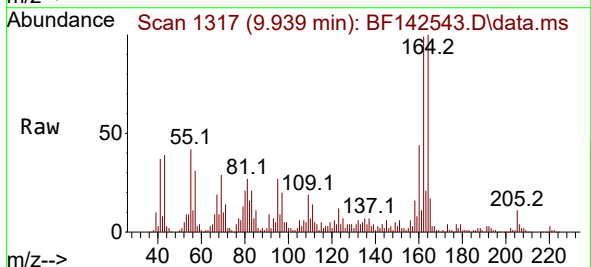
Manual Integrations

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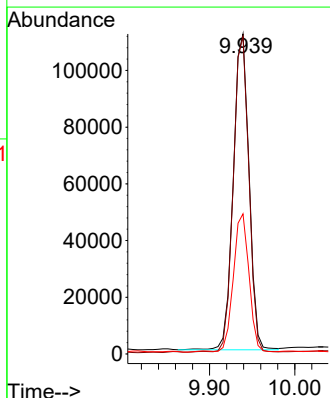
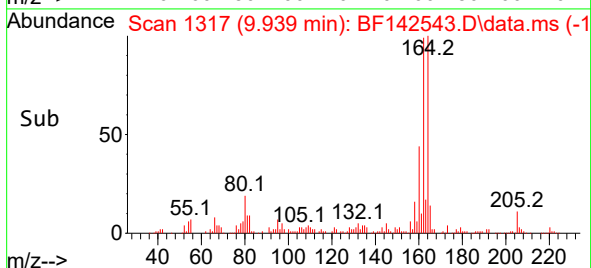
Reviewed By :Rahul Chavli 05/27/2025
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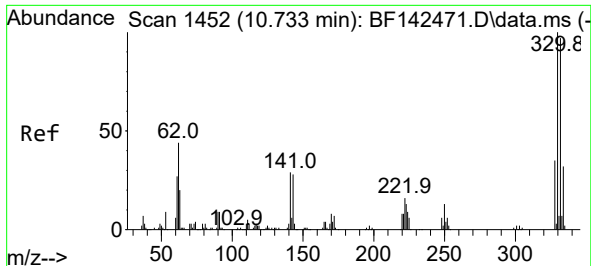


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142543.D
Acq: 23 May 2025 18:58



Tgt Ion:164 Resp: 143047
Ion Ratio Lower Upper
164 100
162 99.2 80.2 120.4
160 43.8 35.6 53.4





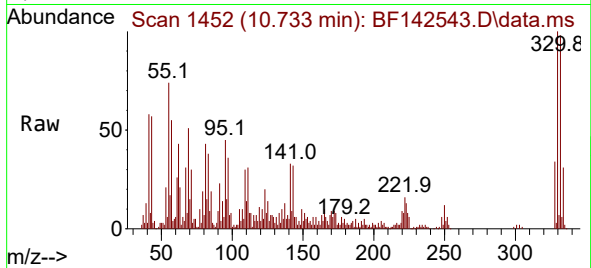
#42
2,4,6-Tribromophenol
Concen: 104.545 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142543.D
Acq: 23 May 2025 18:58

Instrument :

BNA_F

ClientSampleId :

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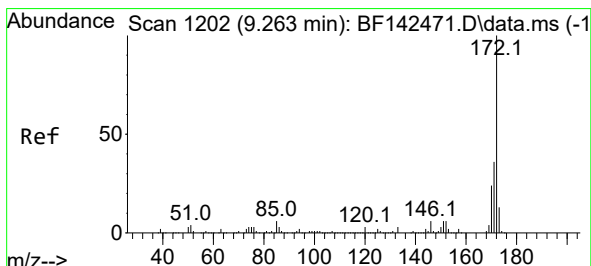
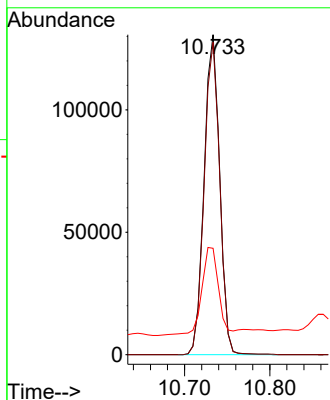
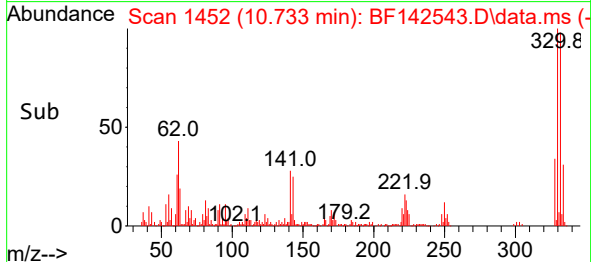
Tgt Ion:330 Resp: 165980
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 29.6 24.6 36.8

Manual Integrations

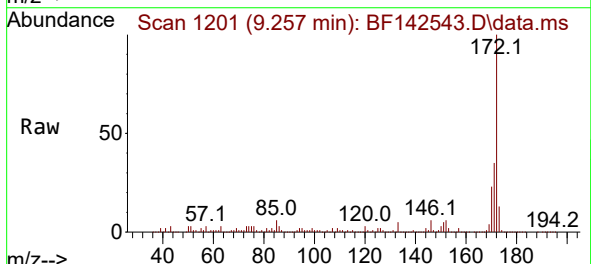
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Reviewed By :Rahul Chavli 05/27/2025

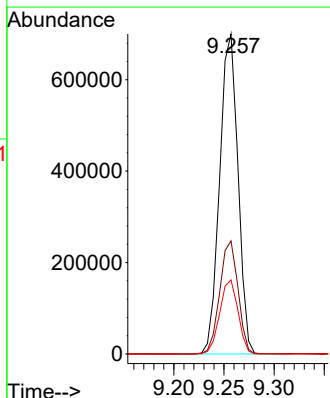
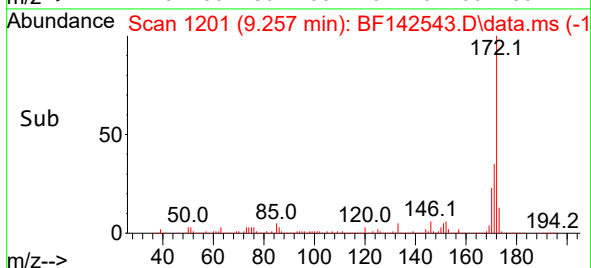
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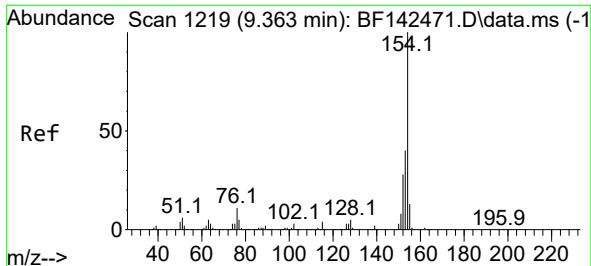


#45
2-Fluorobiphenyl
Concen: 83.260 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142543.D
Acq: 23 May 2025 18:58



Tgt Ion:172 Resp: 887578
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.2 18.9 28.3





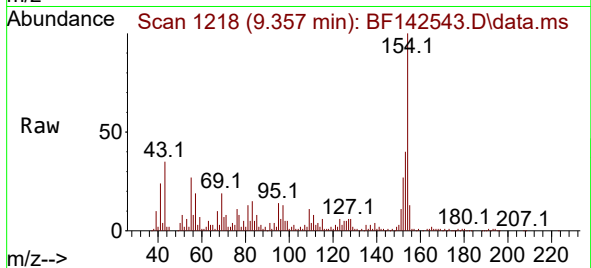
#46
1,1'-Biphenyl
Concen: 9.215 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142543.D
Acq: 23 May 2025 18:58

Instrument :

BNA_F

ClientSampleId :

LAW-25-0078



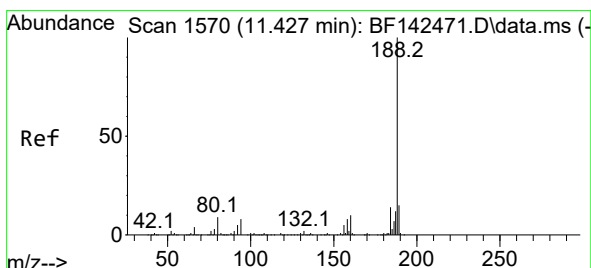
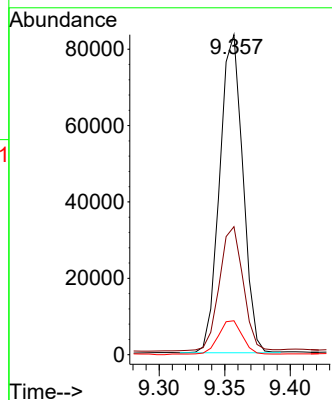
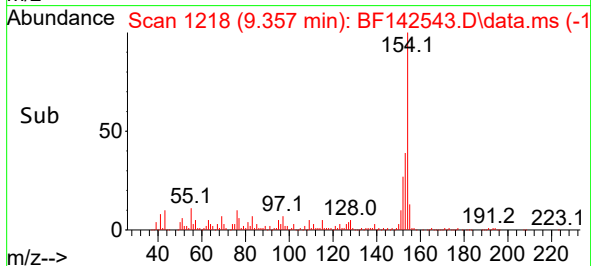
Tgt Ion:154 Resp: 102270
Ion Ratio Lower Upper
154 100
153 40.0 20.4 60.4
76 10.6 0.0 30.8

Manual Integrations

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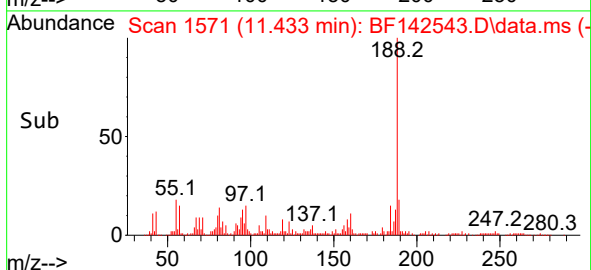
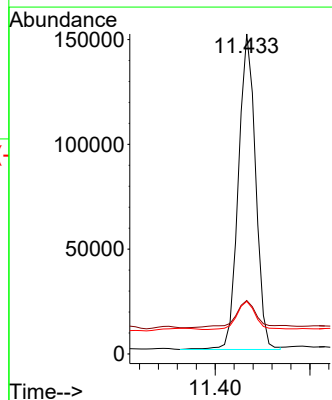
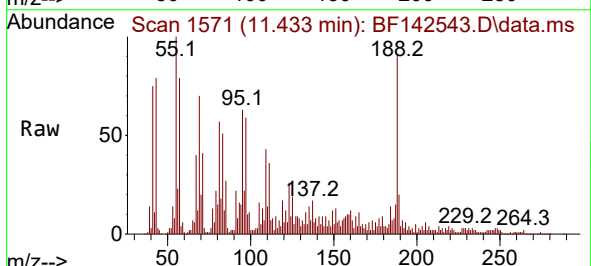
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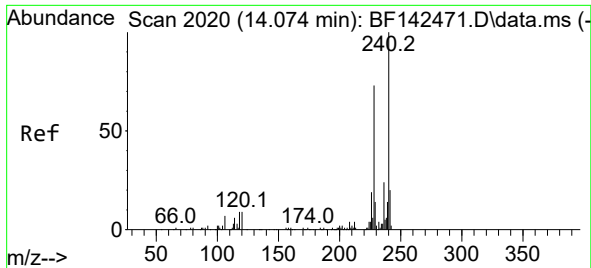
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142543.D
Acq: 23 May 2025 18:58

Tgt Ion:188 Resp: 189633
Ion Ratio Lower Upper
188 100
94 16.7 6.6 10.0#
80 16.5 7.4 11.0#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142543.D
Acq: 23 May 2025 18:58

Instrument :

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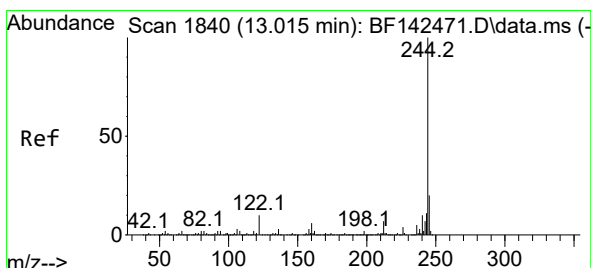
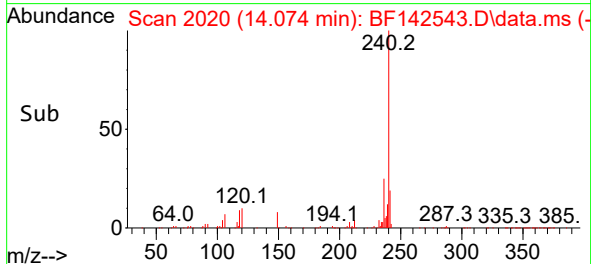
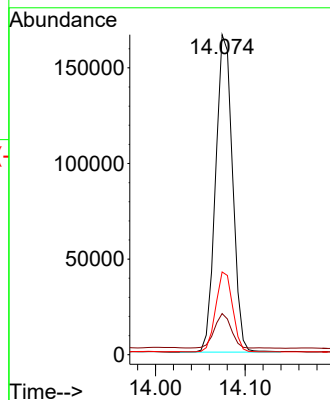
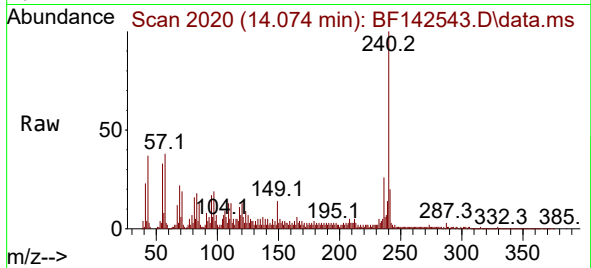
Tgt Ion:240 Resp: 217875
Ion Ratio Lower Upper
240 100
120 12.8 7.5 11.3
236 25.9 19.6 29.4

Manual Integrations

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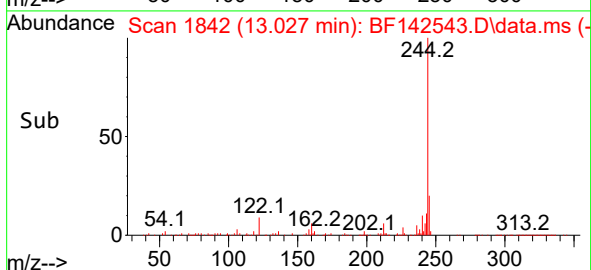
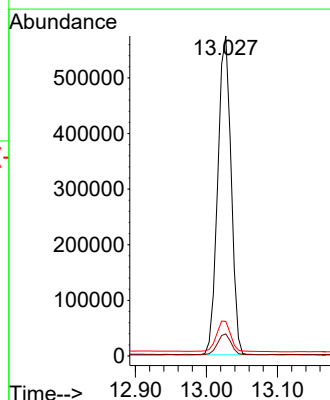
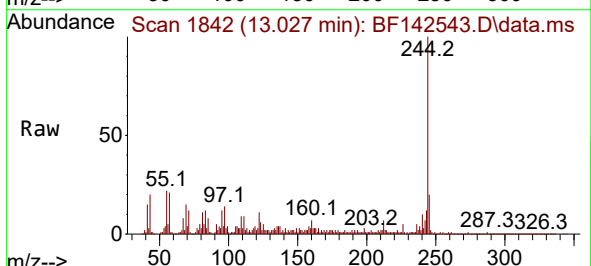
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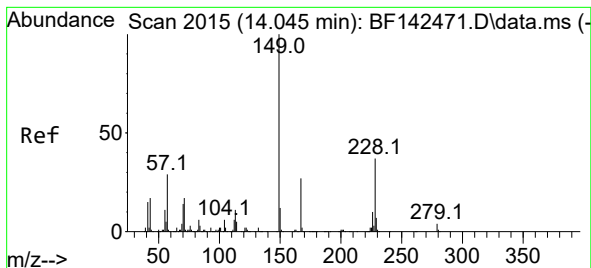
Supervised By :Jagrut Upadhyay 05/27/2025



#79
Terphenyl-d14
Concen: 46.847 ng
RT: 13.027 min Scan# 1842
Delta R.T. 0.012 min
Lab File: BF142543.D
Acq: 23 May 2025 18:58

Tgt Ion:244 Resp: 746909
Ion Ratio Lower Upper
244 100
212 6.9 5.3 7.9
122 10.8 8.2 12.2





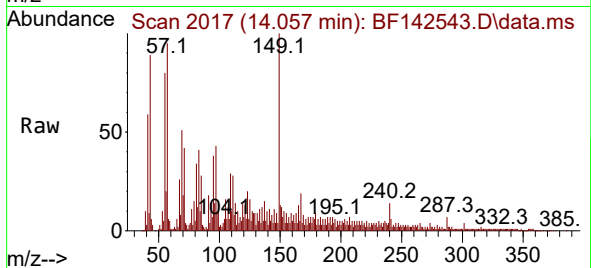
#84
Bis(2-ethylhexyl)phthalate
Concen: 14.182 ng m
RT: 14.057 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF142543.D
Acq: 23 May 2025 18:58

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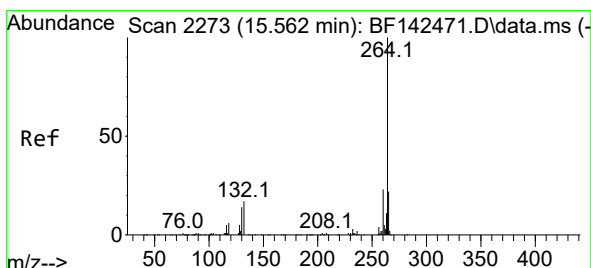
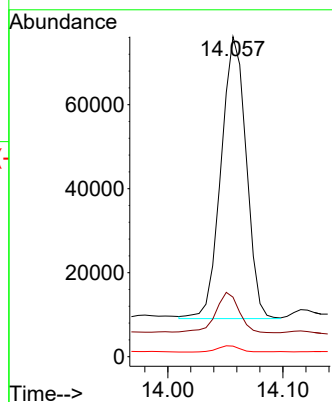
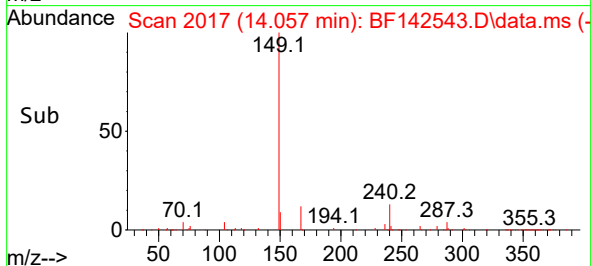
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Ion Ratio Lower Upper
149 100
167 18.6 21.5 32.3
279 3.3 3.2 4.8

Manual Integrations

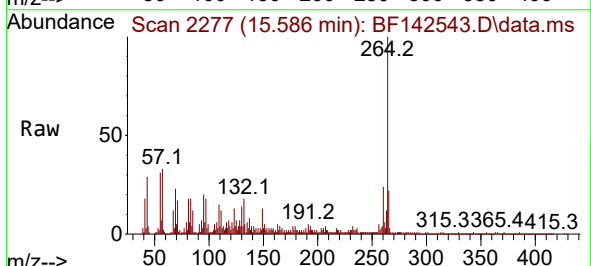
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Supervised By :Jagrut Upadhyay 05/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2277
Delta R.T. 0.018 min
Lab File: BF142543.D
Acq: 23 May 2025 18:58



Tgt Ion:264 Resp: 195613
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 21.8 17.7 26.5

