

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142599.D
 Acq On : 02 Jun 2025 16:03
 Operator : RC/JU
 Sample : Q2149-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILTER-CAKE

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/03/2025
 Supervised By :Jagrut Upadhyay 06/03/2025

Quant Time: Jun 02 16:53:56 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	124508	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	456228	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	209752	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	288264	20.000	ng	0.00
76) Chrysene-d12	14.074	240	250895	20.000	ng	0.00
86) Perylene-d12	15.568	264	269491	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	750355	101.533	ng	0.02
7) Phenol-d6	6.533	99	810952	91.158	ng	0.00
23) Nitrobenzene-d5	7.463	82	618911	73.973	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	226107	97.126	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1148116	73.449	ng	-0.01
79) Terphenyl-d14	13.015	244	829246	45.166	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.545	94	34596	3.456	ng	# 62
15) Benzyl Alcohol	7.051	79	88954	13.531	ng	97
20) 3+4-Methylphenols	7.310	107	985246	122.420	ng	# 56
32) Benzoic acid	8.022	122	58420m	13.497	ng	
50) Dimethylphthalate	9.651	163	37087	2.680	ng	# 99
84) Bis(2-ethylhexyl)phtha...	14.051	149	33631	4.062	ng	# 93

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

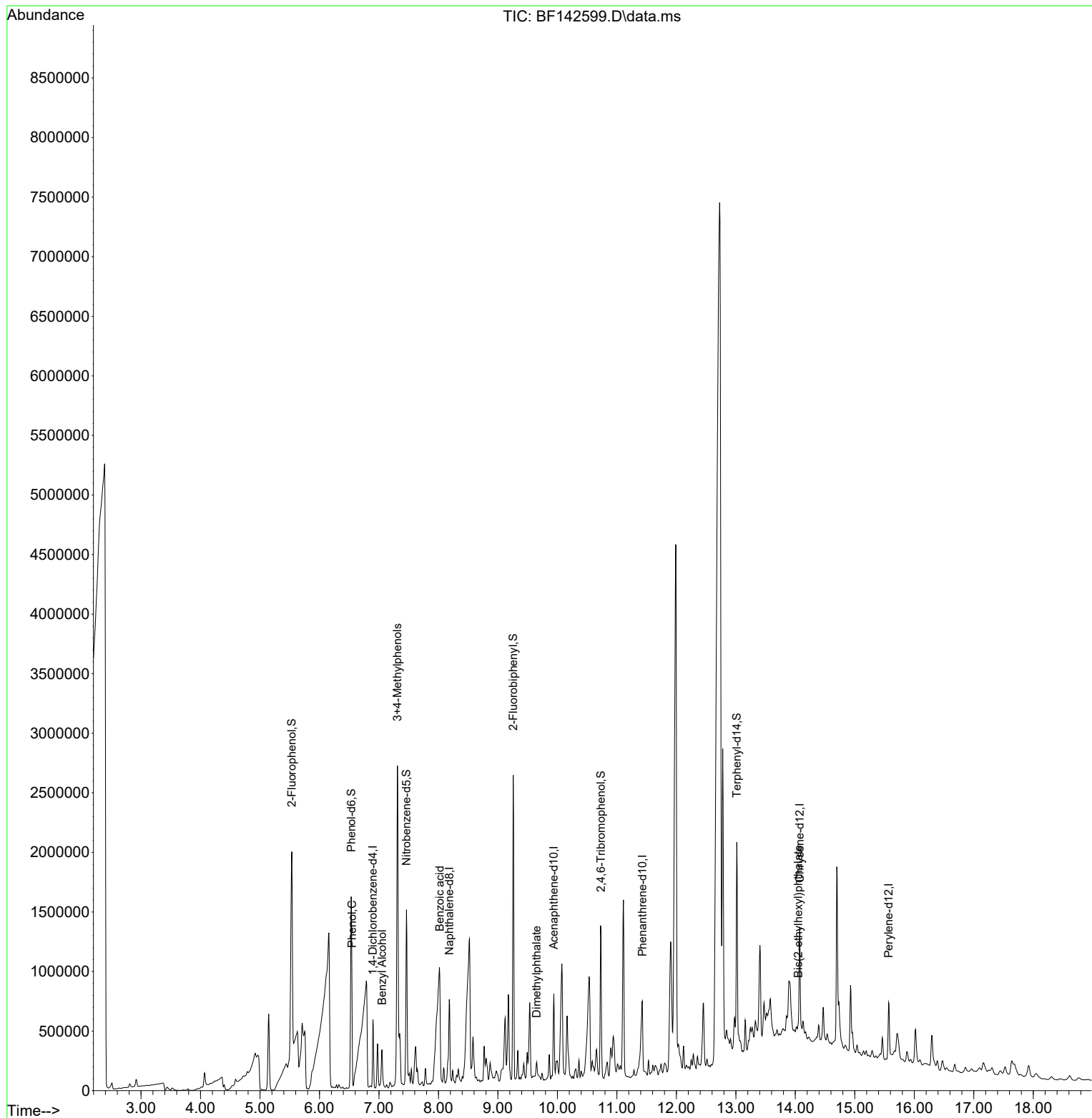
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142599.D
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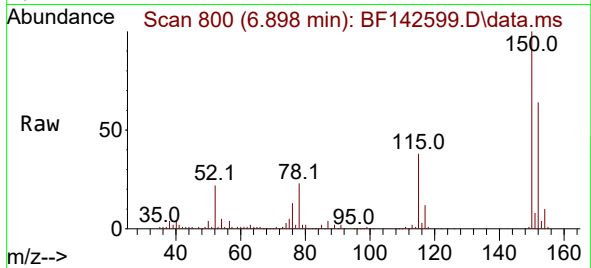
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142599.D
Acq: 02 Jun 2025 16:03

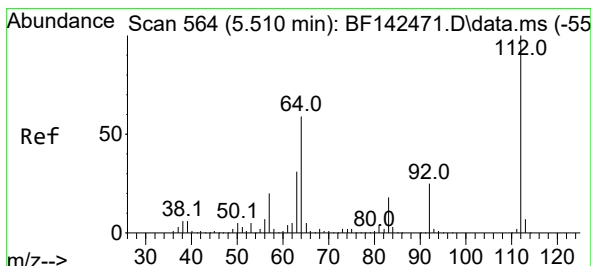
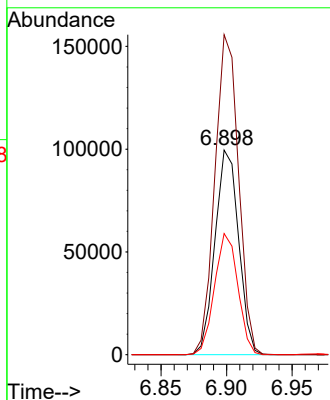
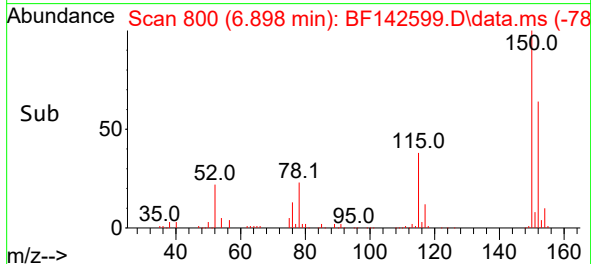
Instrument :
BNA_F
Client SampleId :
FILTER-CAKE



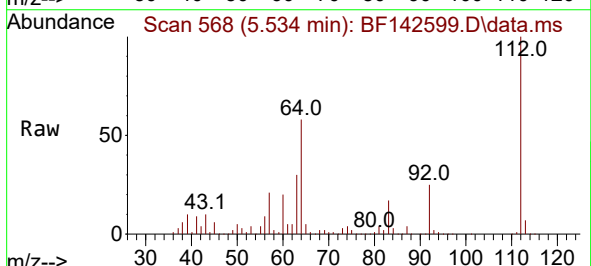
Tgt Ion:152 Resp: 124508
Ion Ratio Lower Upper
152 100
150 156.4 128.2 192.4
115 59.2 48.3 72.5

Manual Integrations
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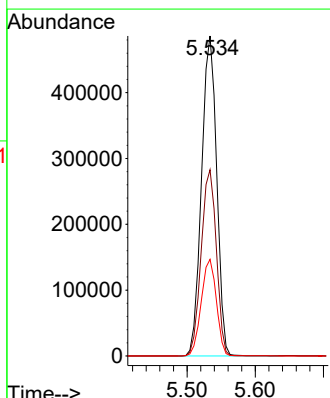
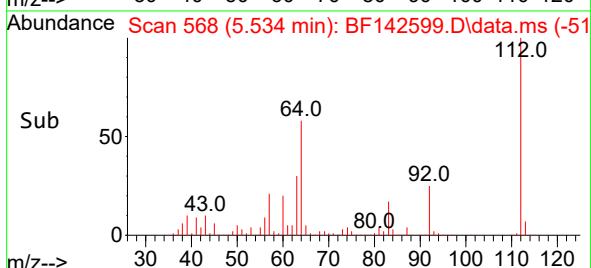
Reviewed By :Rahul Chavli 06/03/2025
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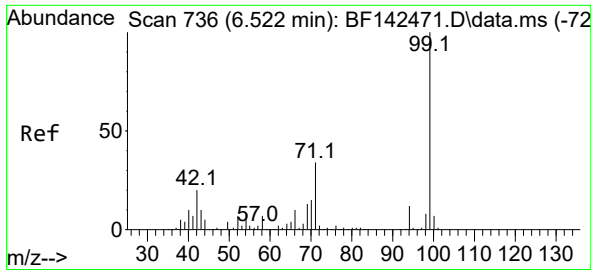


#5
2-Fluorophenol
Concen: 101.533 ng
RT: 5.534 min Scan# 568
Delta R.T. 0.018 min
Lab File: BF142599.D
Acq: 02 Jun 2025 16:03



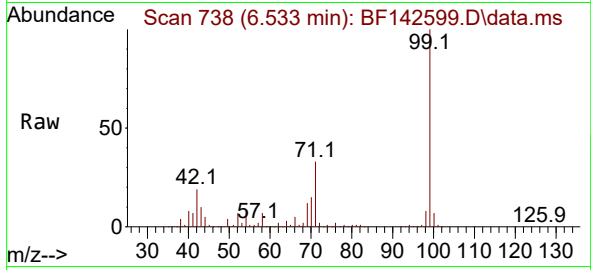
Tgt Ion:112 Resp: 750355
Ion Ratio Lower Upper
112 100
64 58.2 47.5 71.3
63 30.2 24.9 37.3





#7
Phenol-d6
Concen: 91.158 ng
RT: 6.533 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142599.D
Acq: 02 Jun 2025 16:03

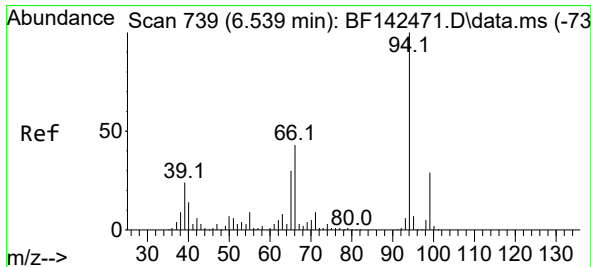
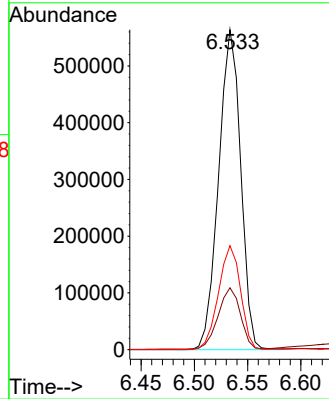
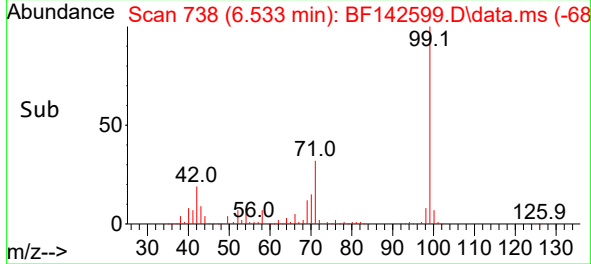
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 810952
Ion Ratio Lower Upper
99 100
42 19.4 16.2 24.2
71 32.5 27.3 40.9

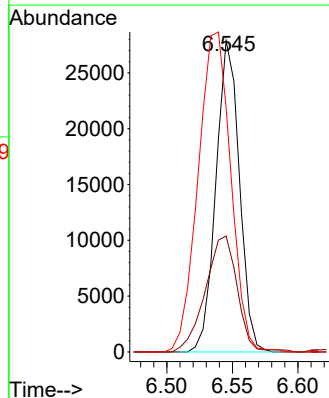
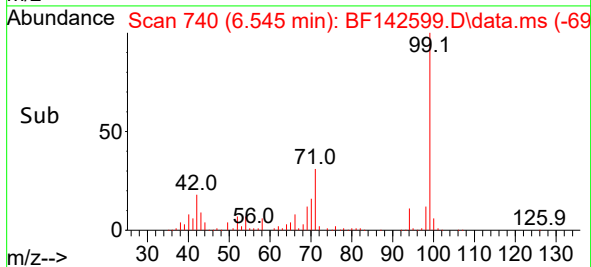
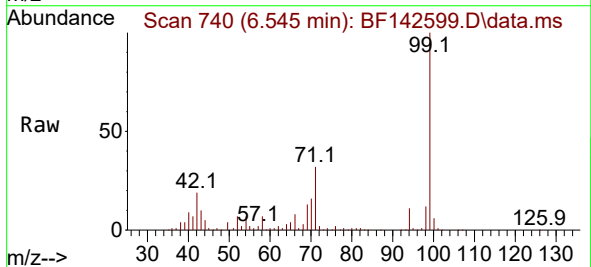
Manual Integrations
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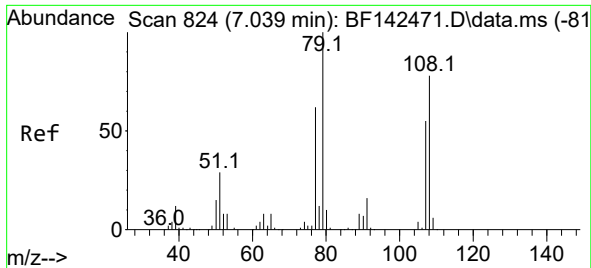
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#10
Phenol
Concen: 3.456 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF142599.D
Acq: 02 Jun 2025 16:03

Tgt Ion: 94 Resp: 34596
Ion Ratio Lower Upper
94 100
65 37.3 10.3 50.3
66 78.5 22.6 62.6#





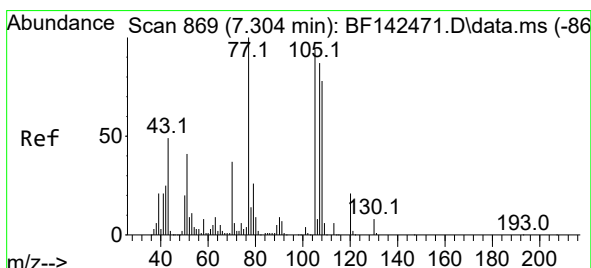
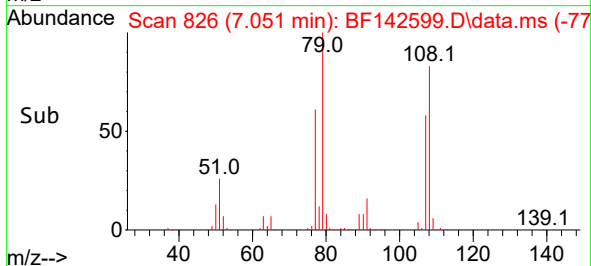
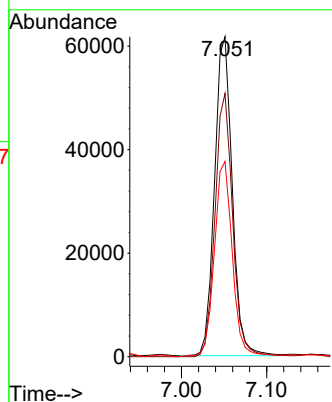
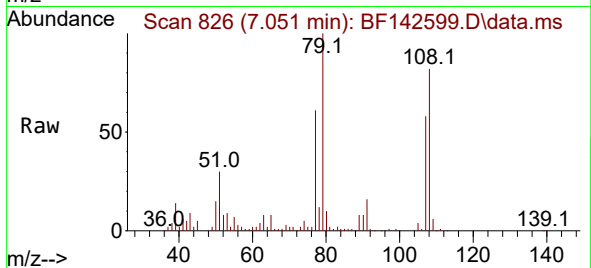
#15
Benzyl Alcohol
Concen: 13.531 ng
RT: 7.051 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142599.D
Acq: 02 Jun 2025 16:03

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 79 Resp: 88954
Ion Ratio Lower Upper
79 100
108 82.2 62.1 93.1
77 61.0 49.5 74.3

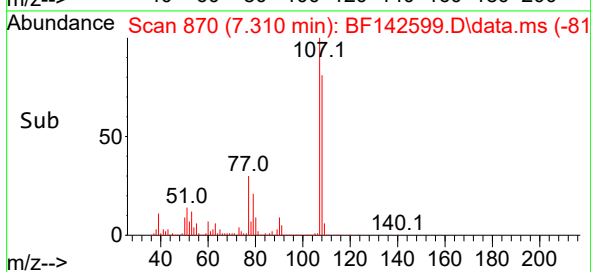
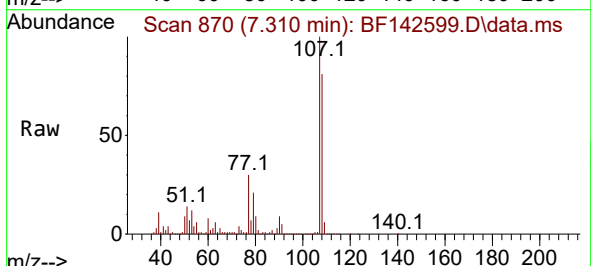
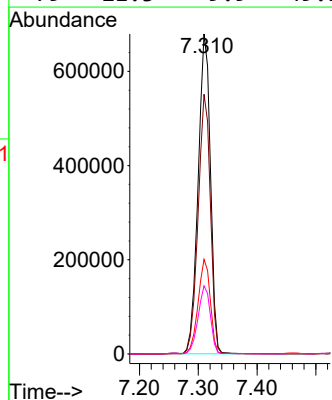
Manual Integrations
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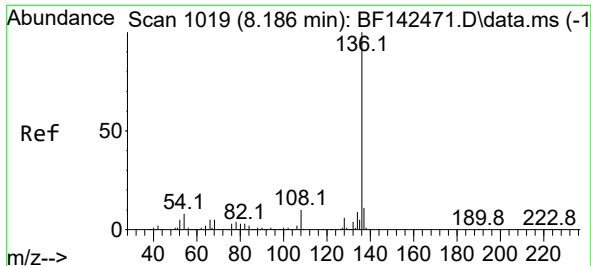
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#20
3+4-Methylphenols
Concen: 122.420 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF142599.D
Acq: 02 Jun 2025 16:03

Tgt Ion:107 Resp: 985246
Ion Ratio Lower Upper
107 100
108 81.1 70.4 110.4
77 29.6 95.4 135.4#
79 21.3 9.9 49.9





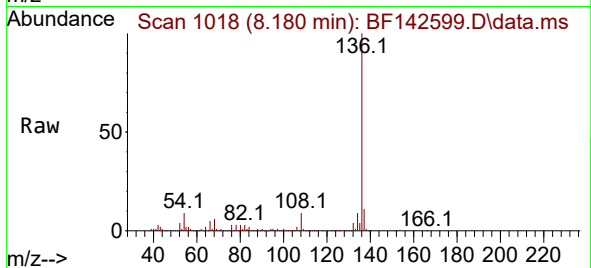
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142599.D
Acq: 02 Jun 2025 16:03

Instrument :

BNA_F

ClientSampleId :

FILTER-CAKE



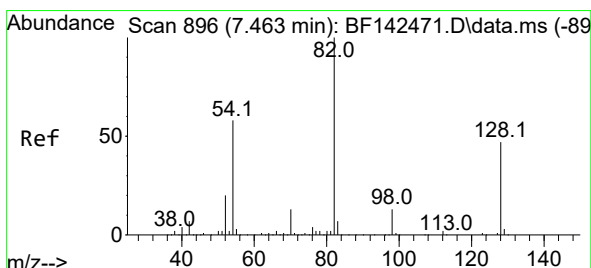
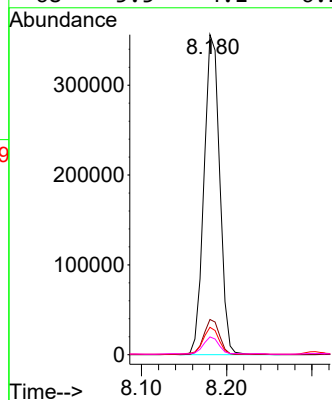
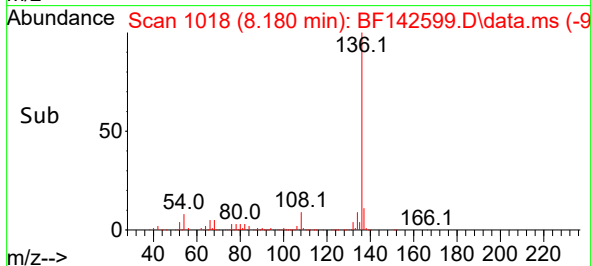
Tgt Ion:136 Resp: 456228
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.6 6.6 10.0
68 5.5 4.1 6.1

Manual Integrations

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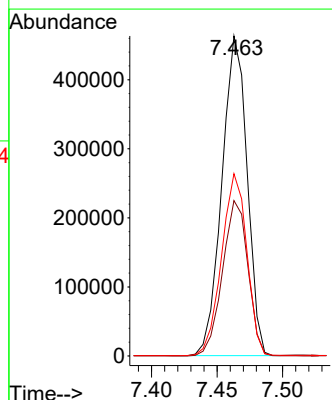
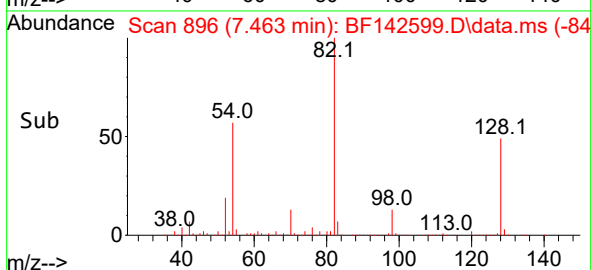
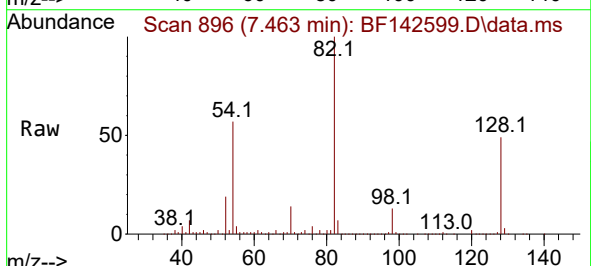
Reviewed By :Rahul Chavli 06/03/2025

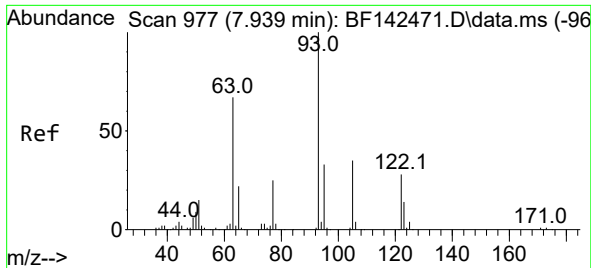
Supervised By :Jagrut Upadhyay 06/03/2025



#23
Nitrobenzene-d5
Concen: 73.973 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF142599.D
Acq: 02 Jun 2025 16:03

Tgt Ion: 82 Resp: 618911
Ion Ratio Lower Upper
82 100
128 48.6 37.4 56.2
54 57.0 46.6 70.0





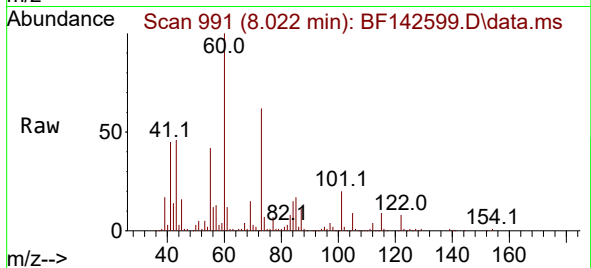
#32
Benzoic acid
Concen: 13.497 ng m
RT: 8.022 min Scan# 991
Delta R.T. 0.047 min
Lab File: BF142599.D
Acq: 02 Jun 2025 16:03

Instrument :

BNA_F

ClientSampleId :

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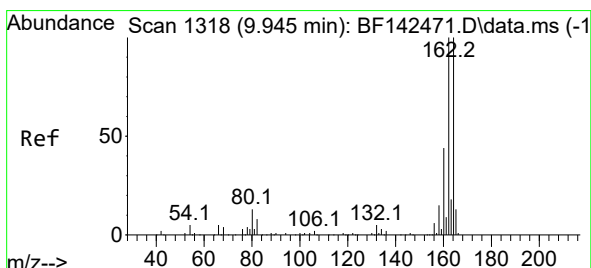
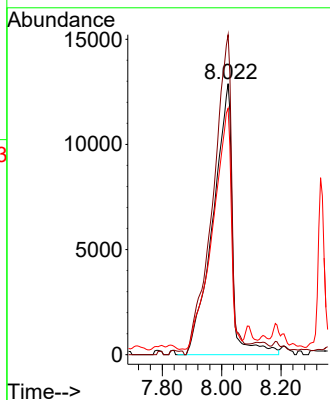
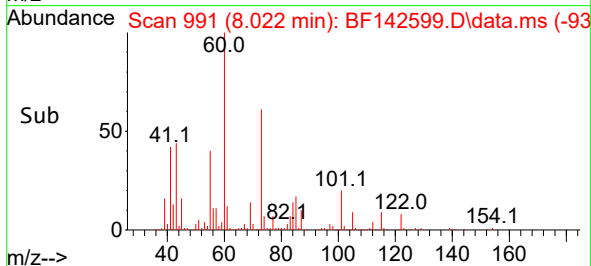
Tgt Ion:122 Resp: 58420
Ion Ratio Lower Upper
122 100
105 118.1 101.7 141.7
77 90.9 69.5 109.5

Manual Integrations

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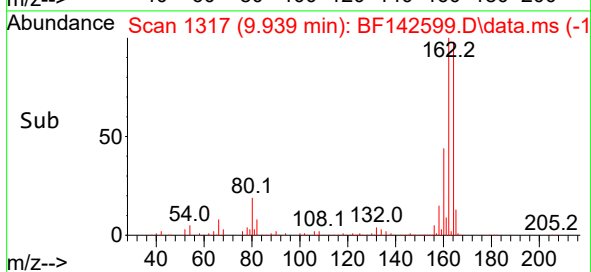
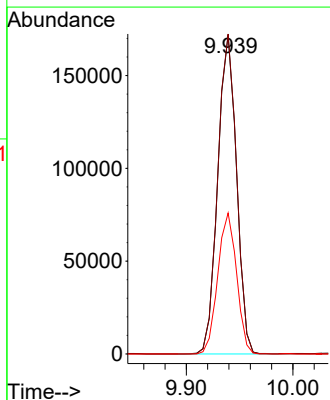
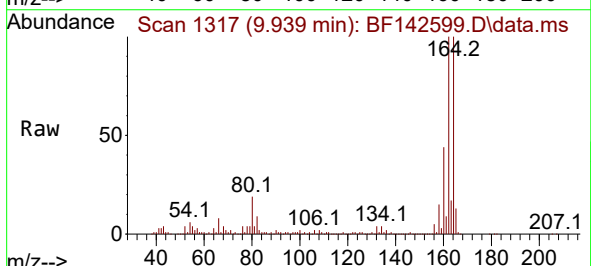
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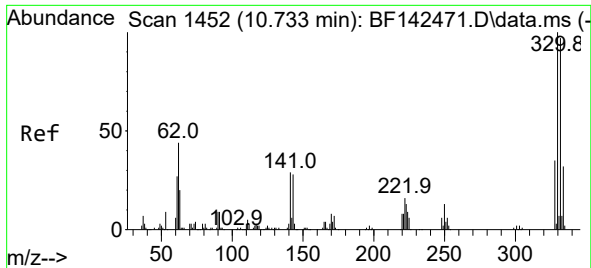
Supervised By :Jagrut Upadhyay 06/03/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142599.D
Acq: 02 Jun 2025 16:03

Tgt Ion:164 Resp: 209752
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.4
160 44.2 35.6 53.4





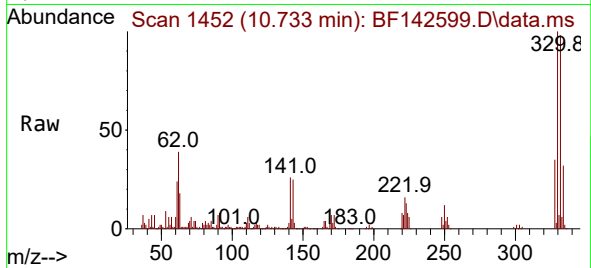
#42
2,4,6-Tribromophenol
Concen: 97.126 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142599.D
Acq: 02 Jun 2025 16:03

Instrument :

BNA_F

ClientSampleId :

FILTER-CAKE



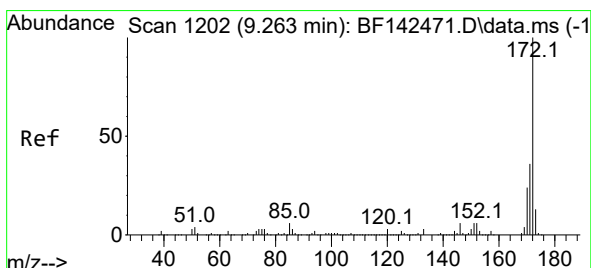
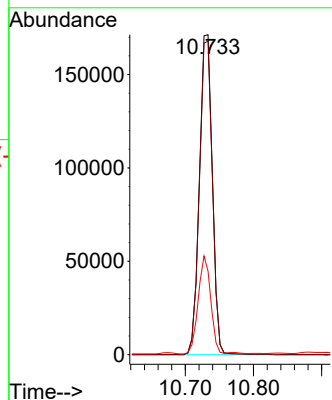
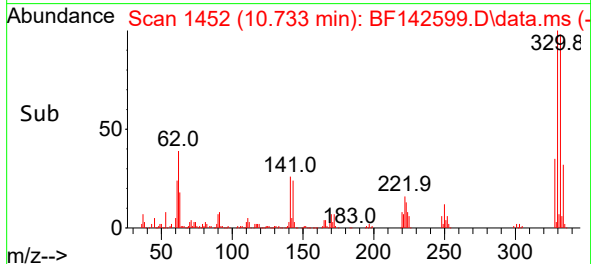
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Ion Ratio Lower Upper
330 100
332 98.0 77.6 116.4
141 29.4 24.6 36.8

Manual Integrations

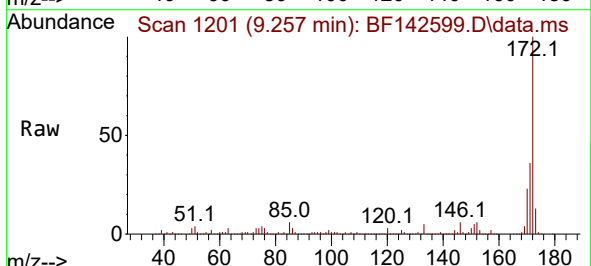
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Reviewed By :Rahul Chavli 06/03/2025

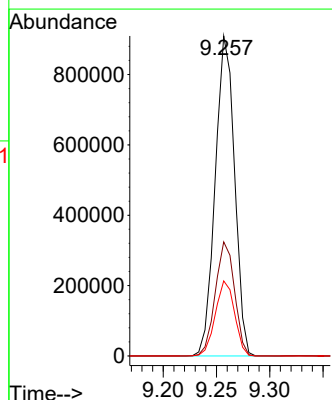
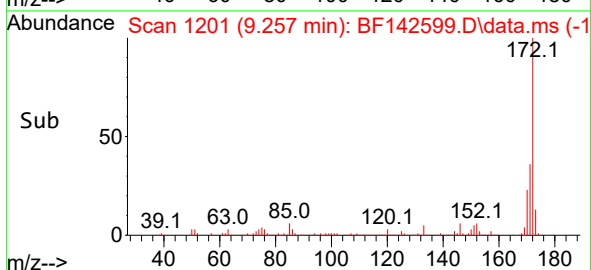
Supervised By :Jagrut Upadhyay 06/03/2025

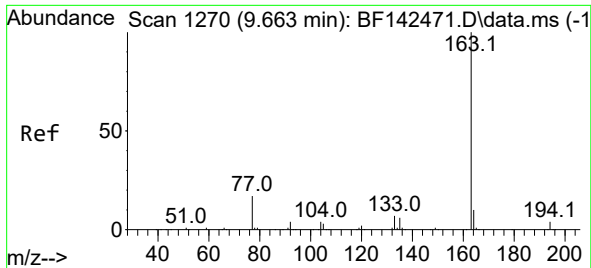


#45
2-Fluorobiphenyl
Concen: 73.449 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142599.D
Acq: 02 Jun 2025 16:03



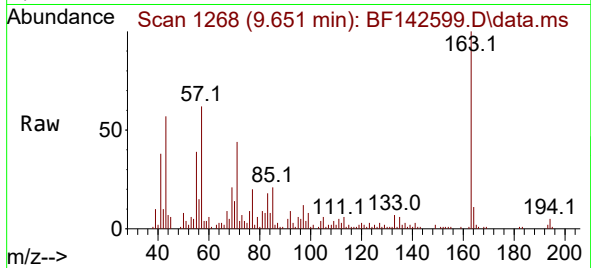
Tgt Ion: 172 Resp: 1148116
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.5 18.9 28.3





#50
Dimethylphthalate
Concen: 2.680 ng
RT: 9.651 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF142599.D
Acq: 02 Jun 2025 16:03

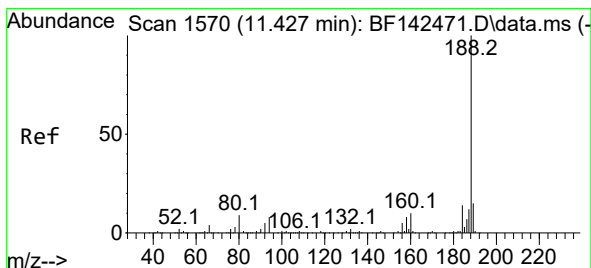
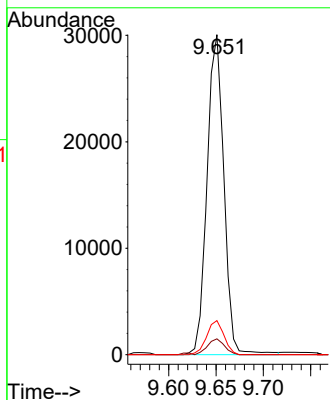
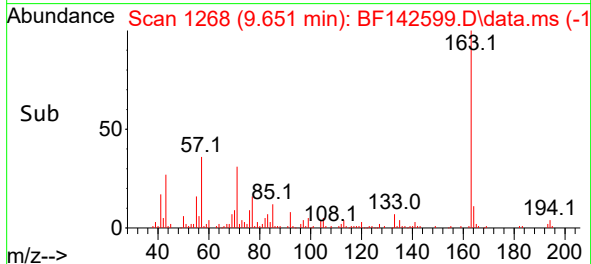
Instrument :
BNA_F
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FILTER-CAKE



Tgt Ion:163 Resp: 37085
Ion Ratio Lower Upper
163 100
194 5.0 3.3 4.9
164 10.7 8.2 12.4

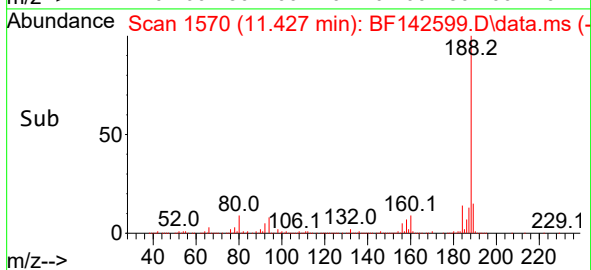
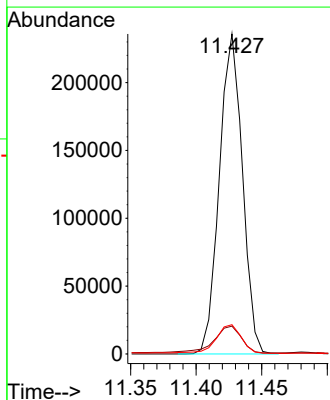
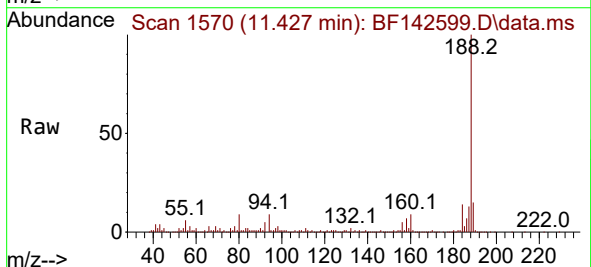
Manual Integrations
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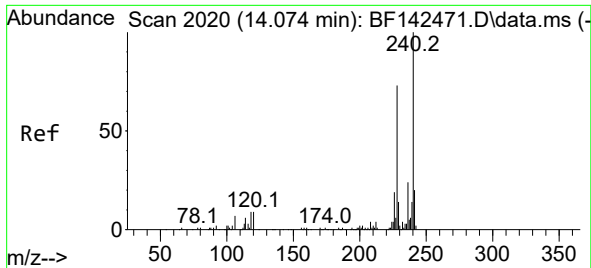
Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142599.D
Acq: 02 Jun 2025 16:03

Tgt Ion:188 Resp: 288264
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.1 7.4 11.0





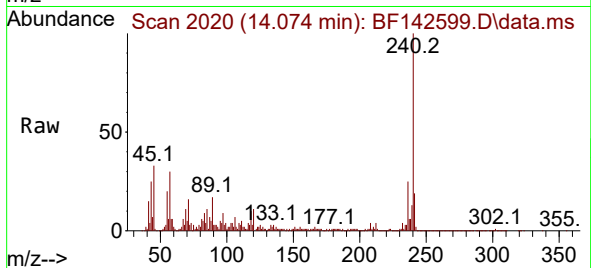
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142599.D
Acq: 02 Jun 2025 16:03

Instrument :

BNA_F

ClientSampleId :

FILTER-CAKE



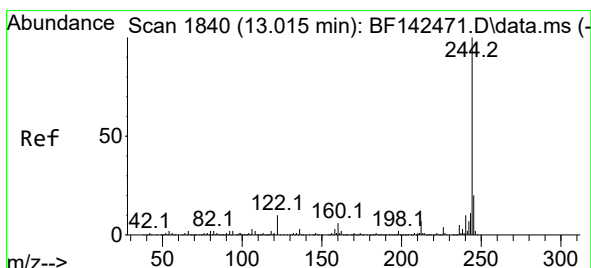
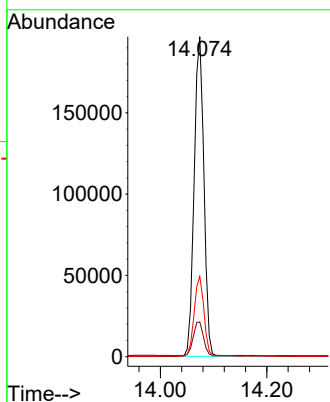
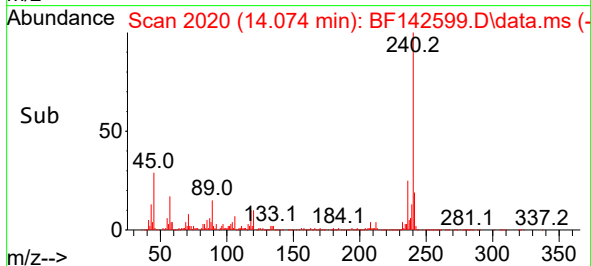
Tgt Ion:240 Resp: 250895
Ion Ratio Lower Upper
240 100
120 10.8 7.5 11.3
236 25.1 19.6 29.4

Manual Integrations

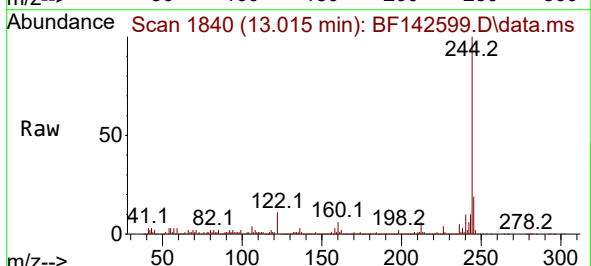
APPROVED

Reviewed By :Rahul Chavli 06/03/2025

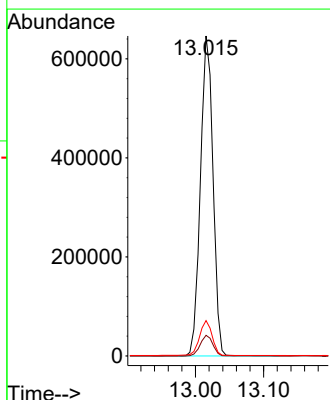
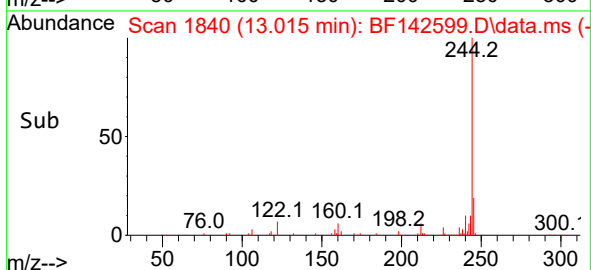
Supervised By :Jagrut Upadhyay 06/03/2025

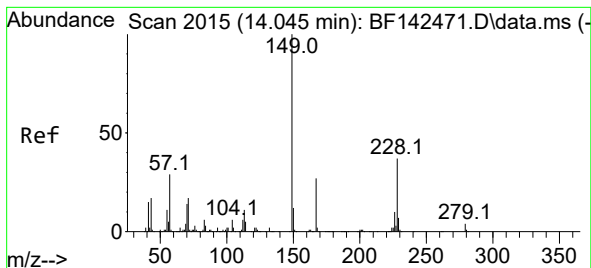


#79
Terphenyl-d14
Concen: 45.166 ng
RT: 13.015 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BF142599.D
Acq: 02 Jun 2025 16:03



Tgt Ion:244 Resp: 829246
Ion Ratio Lower Upper
244 100
212 6.5 5.3 7.9
122 11.0 8.2 12.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.062 ng

RT: 14.051 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF142599.D

Acq: 02 Jun 2025 16:03

Instrument :

BNA_F

ClientSampleId :

FILTER-CAKE

Tgt Ion:149 Resp: 3363

Ion Ratio Lower Upper

149 100

167 31.0 21.5 32.3

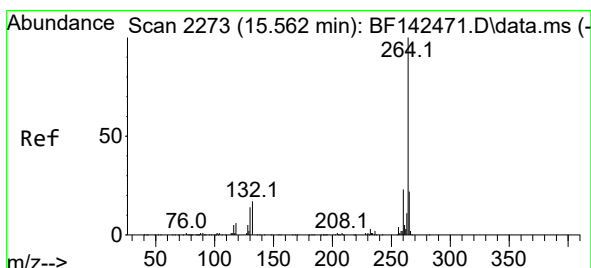
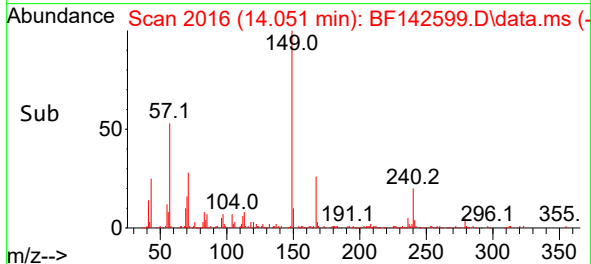
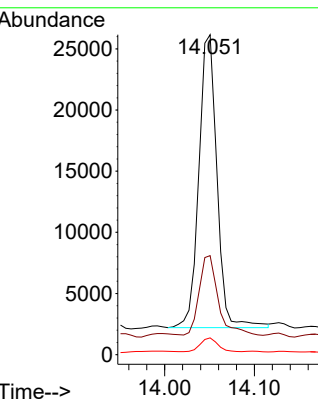
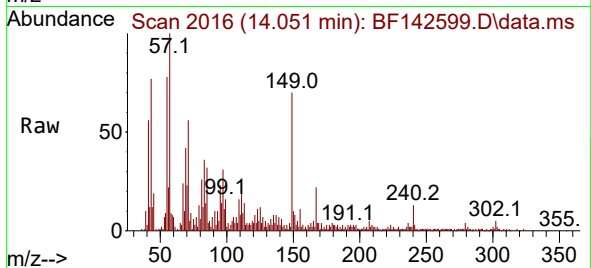
279 5.2 3.2 4.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/03/2025

Supervised By :Jagrut Upadhyay 06/03/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF142599.D

Acq: 02 Jun 2025 16:03

Tgt Ion:264 Resp: 269491

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.8 17.7 26.5

