

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142434.D
 Acq On : 16 May 2025 18:42
 Operator : RC/JU
 Sample : Q2034-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L3-WC-3

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/19/2025
 Supervised By :Jagrut Upadhyay 05/19/2025

Quant Time: May 16 22:42:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	147733	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	545979	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	253446	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	342835	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	293121	20.000	ng	0.00
86) Perylene-d12	15.551	264	220700	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	489362	56.547	ng	0.00
7) Phenol-d6	6.516	99	589958	55.427	ng	0.00
23) Nitrobenzene-d5	7.457	82	359342	40.139	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	119787	48.953	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	663339	37.319	ng	0.00
79) Terphenyl-d14	13.004	244	495169	25.003	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.633	202	44572	2.481	ng	99
80) Butylbenzylphthalate	13.486	149	1536m	3.846	ng	
84) Bis(2-ethylhexyl)phtha...	14.039	149	11576	5.301	ng	# 93
88) Benzo(b)fluoranthene	15.116	252	32314m	2.417	ng	

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

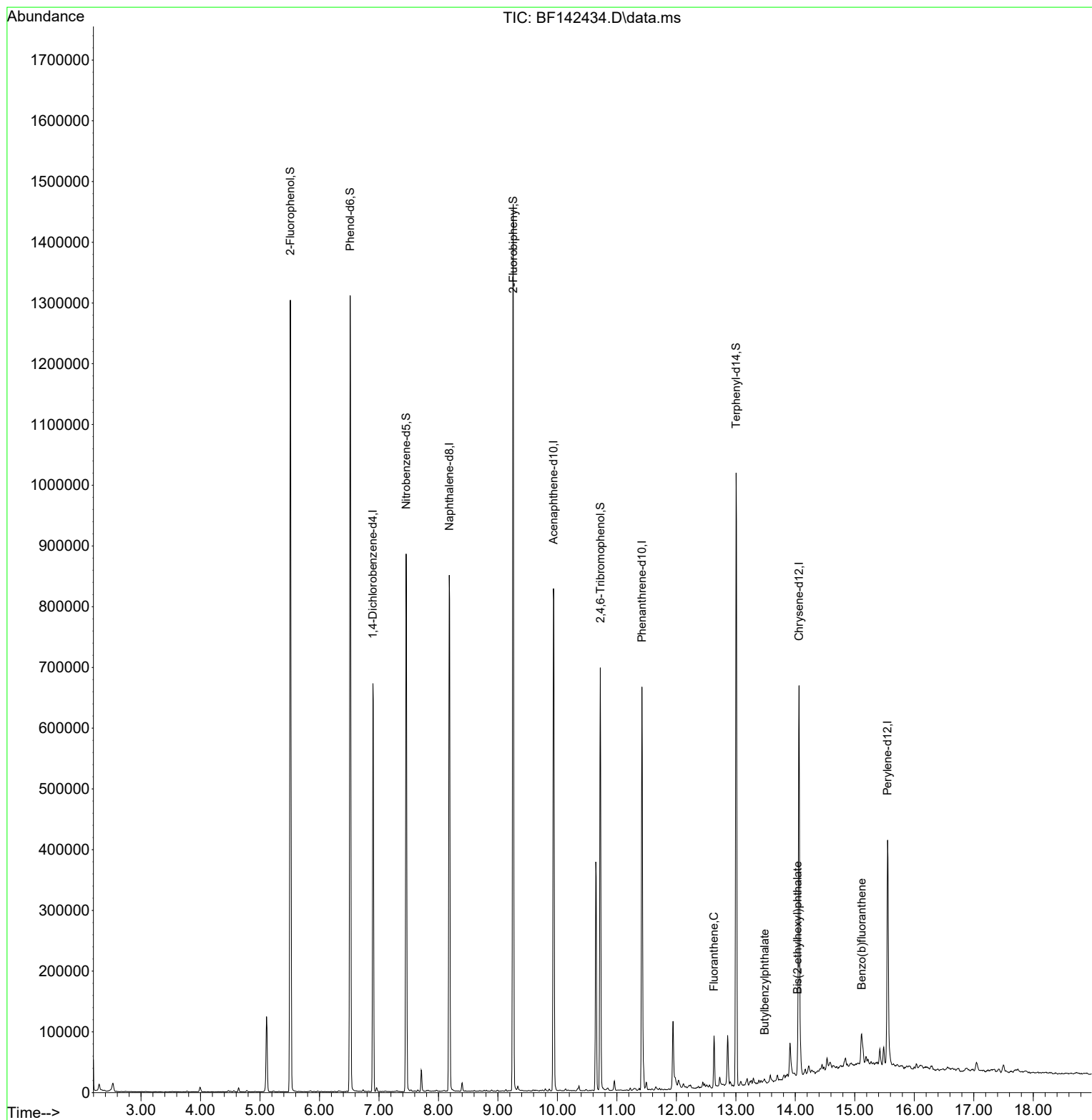
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142434.D
Acq On : 16 May 2025 18:42
Operator : RC/JU
Sample : Q2034-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

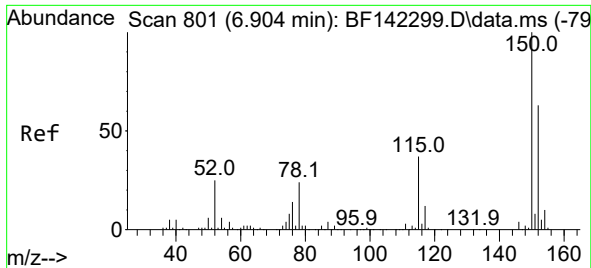
Instrument :
BNA_F
ClientSampleId :
L3-WC-3

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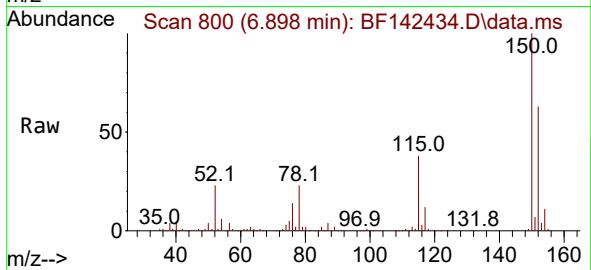
Quant Time: May 16 22:42:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

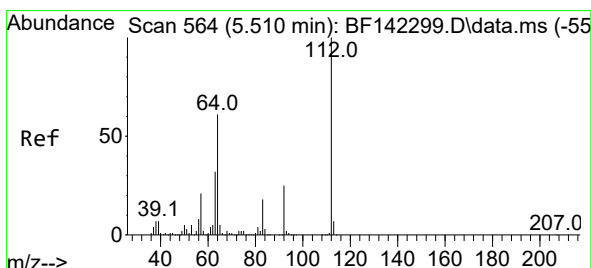
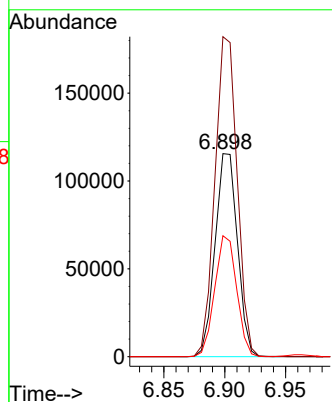
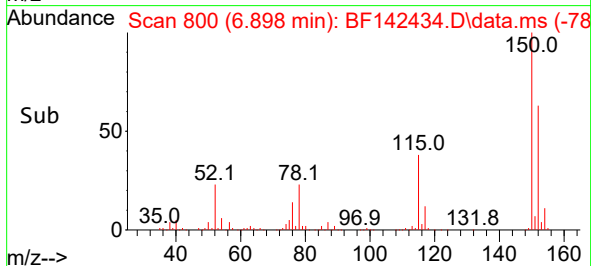
Instrument :
BNA_F
ClientSampleId :
L3-WC-3



Tgt Ion:152 Resp: 14773
Ion Ratio Lower Upper
152 100
150 157.6 126.6 190.0
115 59.6 47.3 70.9

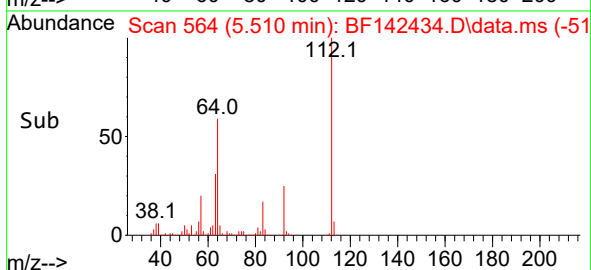
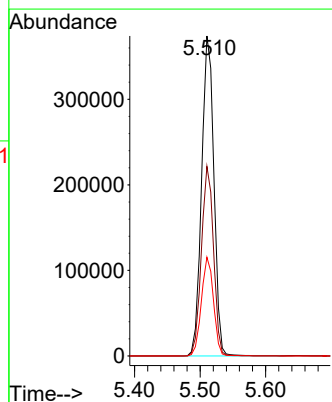
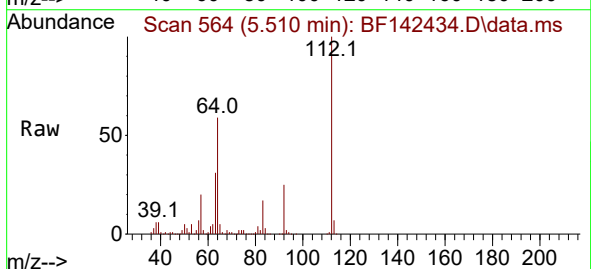
Manual Integrations
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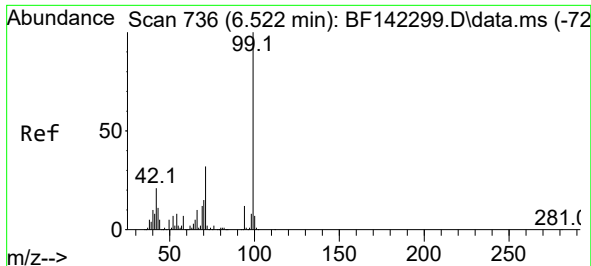
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#5
2-Fluorophenol
Concen: 56.547 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

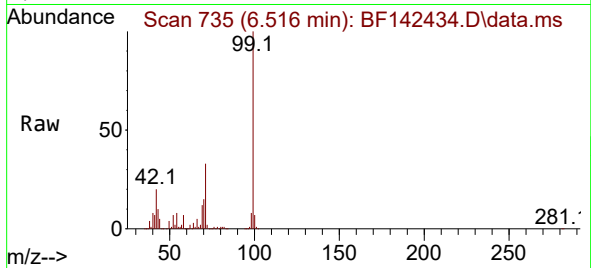
Tgt Ion:112 Resp: 489362
Ion Ratio Lower Upper
112 100
64 59.2 48.9 73.3
63 30.9 25.6 38.4





#7
Phenol-d6
Concen: 55.427 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

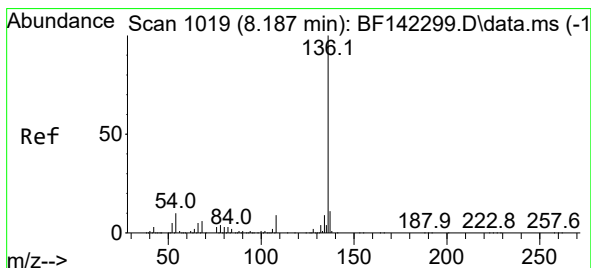
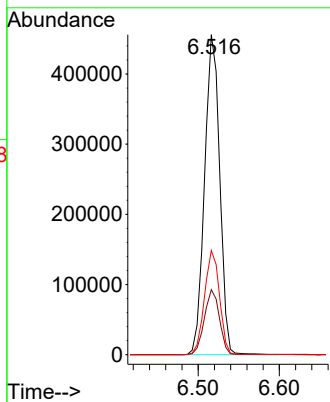
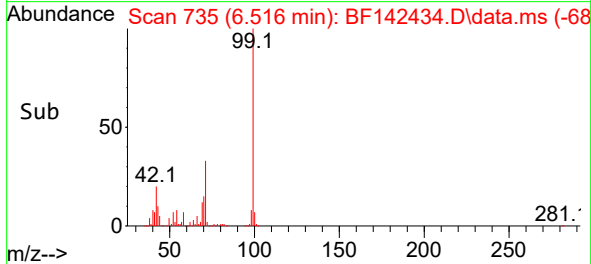
Instrument :
BNA_F
ClientSampleId :
L3-WC-3



Tgt Ion: 99 Resp: 589958
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.4
71 32.5 25.8 38.8

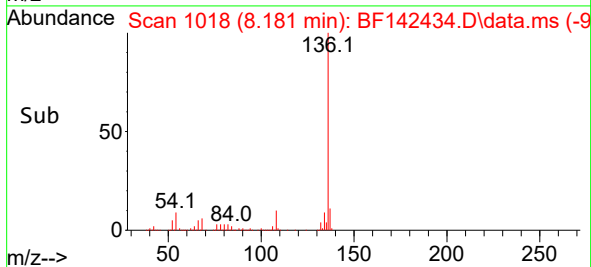
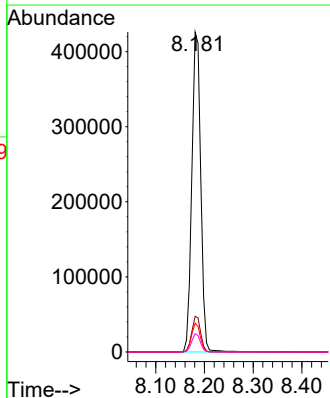
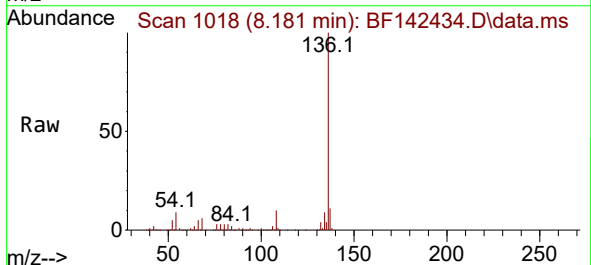
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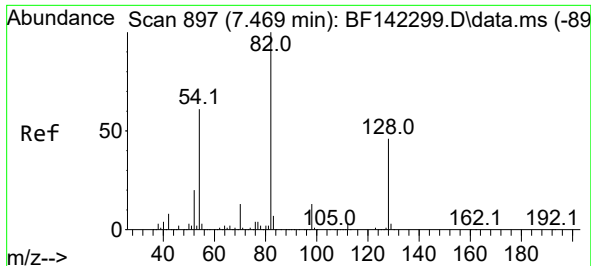
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

Tgt Ion:136 Resp: 545979
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.0 7.7 11.5
68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 40.139 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF142434.D

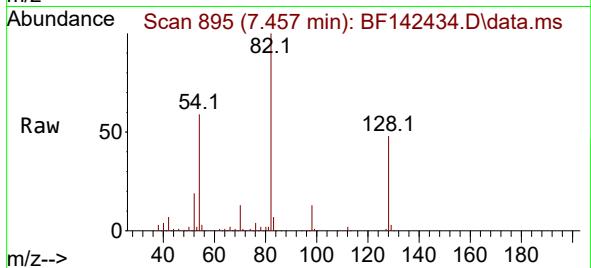
Acq: 16 May 2025 18:42

Instrument :

BNA_F

ClientSampleId :

L3-WC-3



Tgt Ion: 82 Resp: 35934

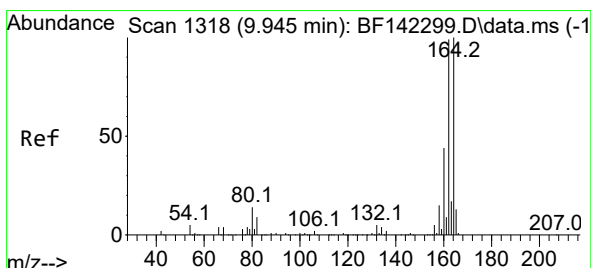
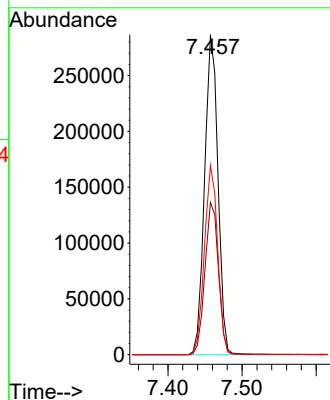
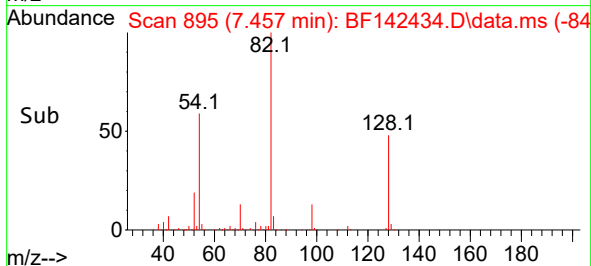
Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.0	55.6
54	59.1	48.6	73.0

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

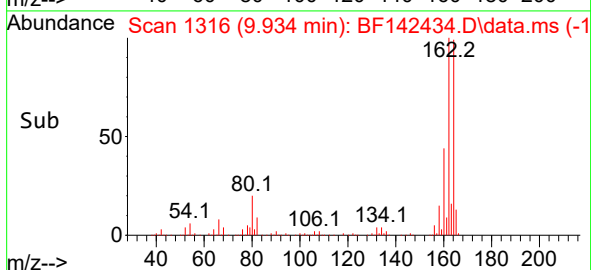
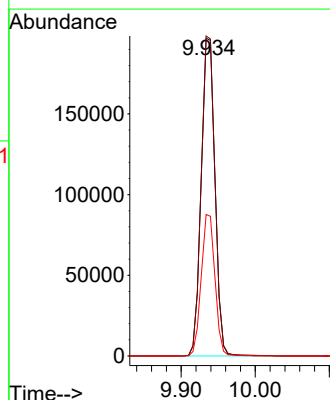
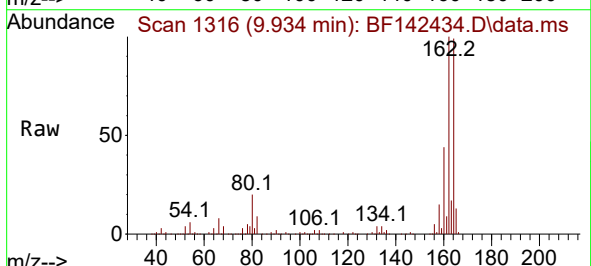
Delta R.T. -0.011 min

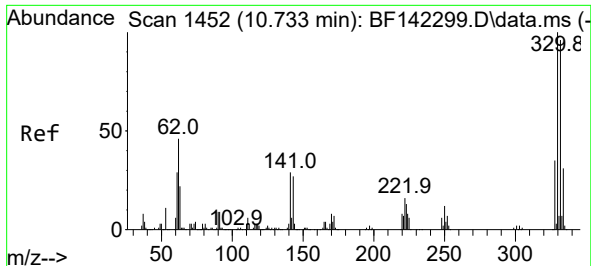
Lab File: BF142434.D

Acq: 16 May 2025 18:42

Tgt Ion:164 Resp: 253446

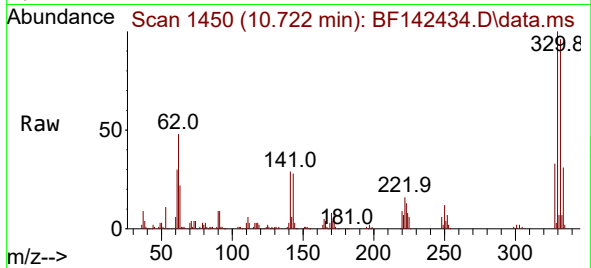
Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.2	118.8
160	44.5	35.3	52.9





#42
2,4,6-Tribromophenol
Concen: 48.953 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

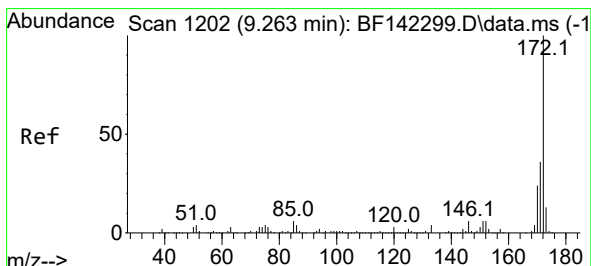
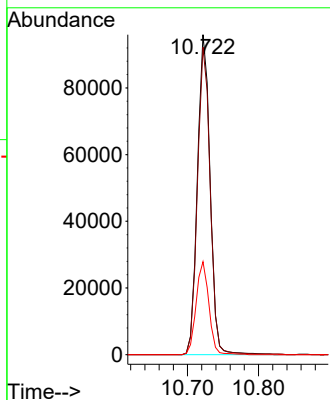
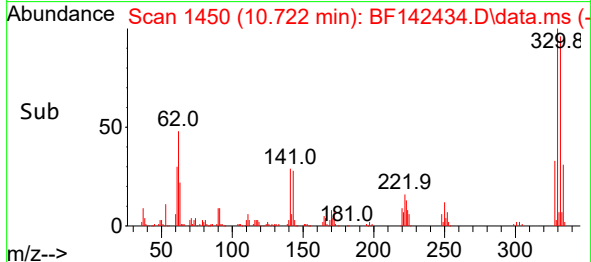
Instrument :
BNA_F
ClientSampleId :
L3-WC-3



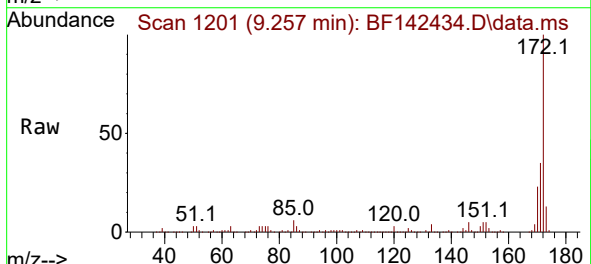
Tgt Ion: 330 Resp: 11978
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 29.1 24.9 37.3

Manual Integrations
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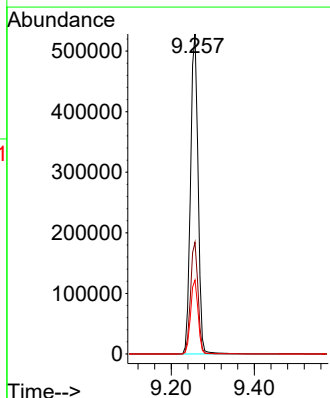
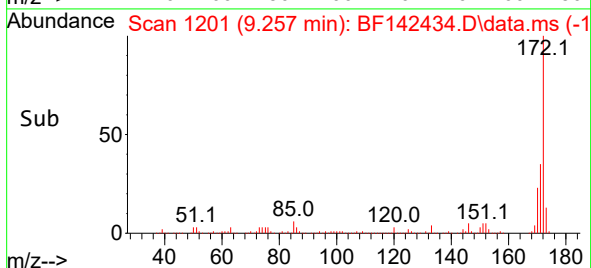
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

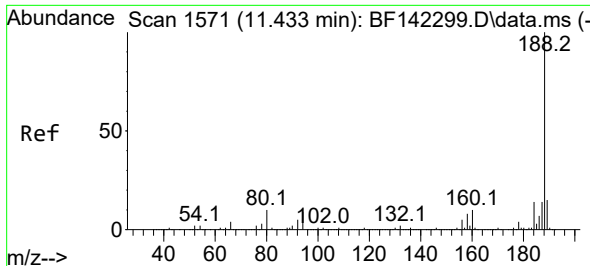


#45
2-Fluorobiphenyl
Concen: 37.319 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42



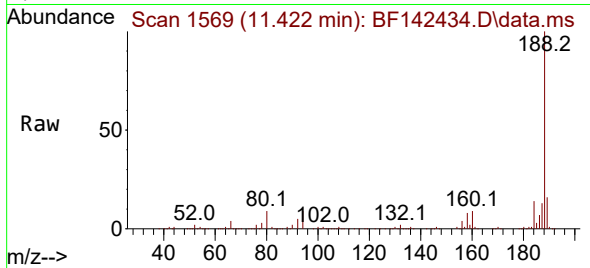
Tgt Ion: 172 Resp: 663339
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.1 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

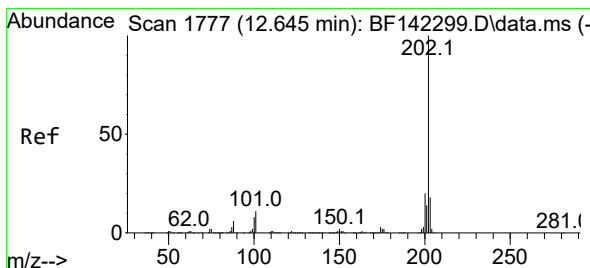
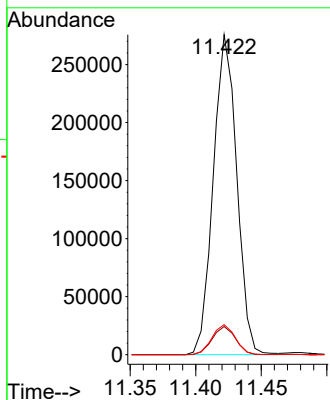
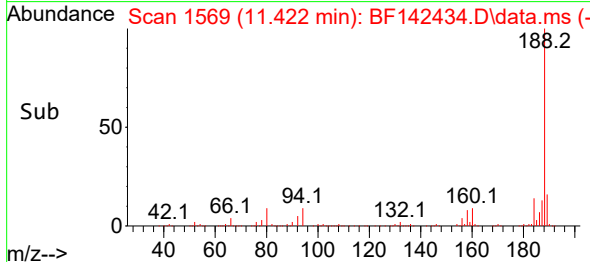
Instrument :
BNA_F
ClientSampleId :
L3-WC-3



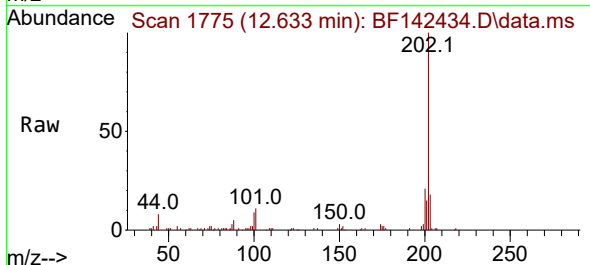
Tgt Ion:188 Resp: 34283
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 9.4 7.9 11.9

Manual Integrations
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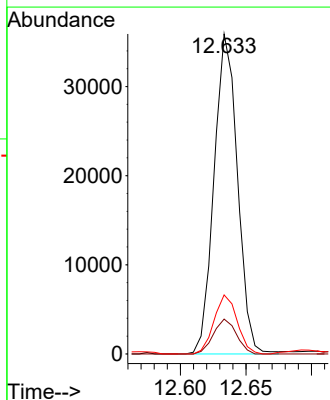
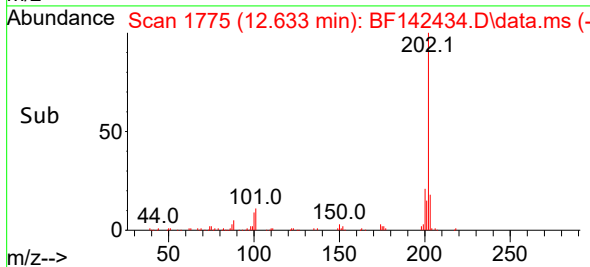
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

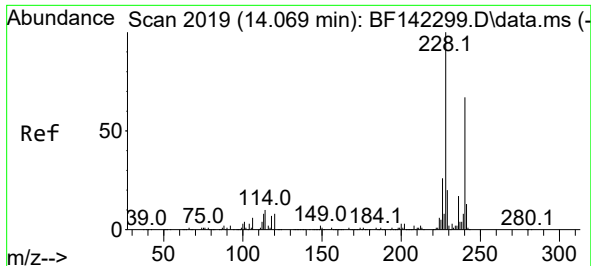


#75
Fluoranthene
Concen: 2.481 ng
RT: 12.633 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42



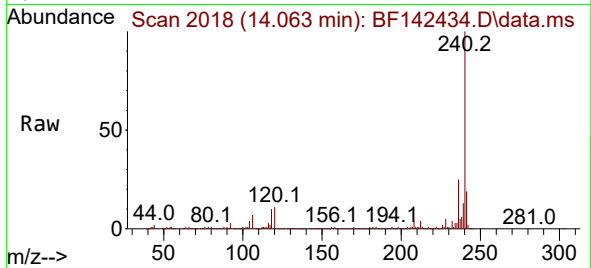
Tgt Ion:202 Resp: 44572
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 18.5 0.0 37.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

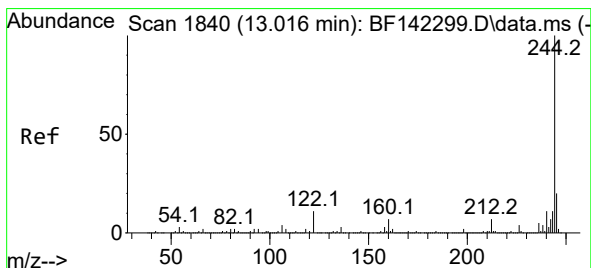
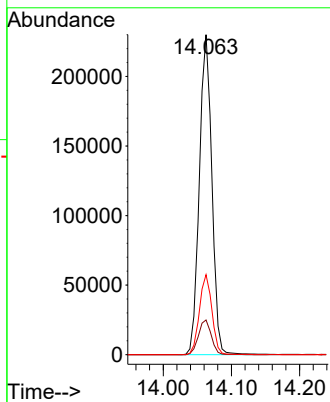
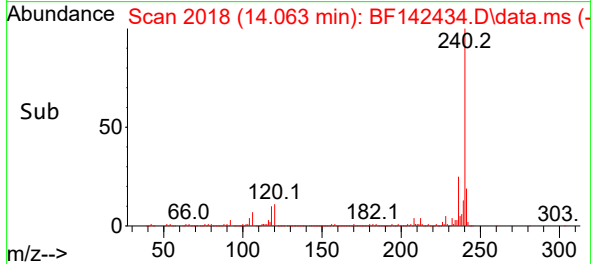
Instrument :
BNA_F
ClientSampleId :
L3-WC-3



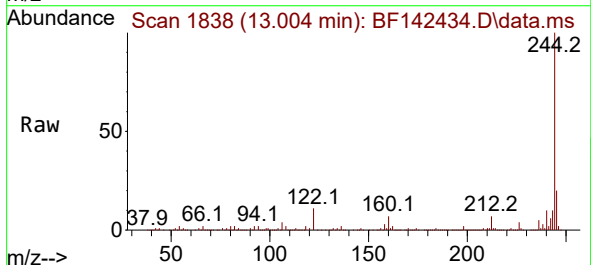
Tgt Ion:240 Resp: 29312
Ion Ratio Lower Upper
240 100
120 10.9 9.7 14.5
236 25.0 20.0 30.0

Manual Integrations
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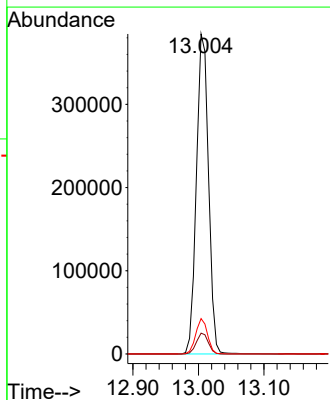
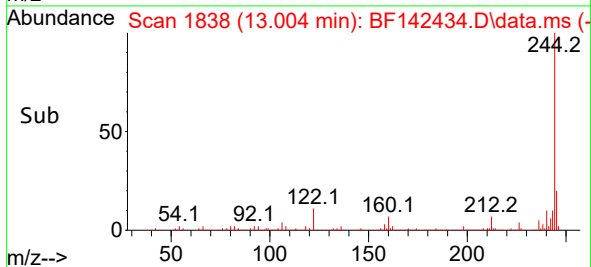
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

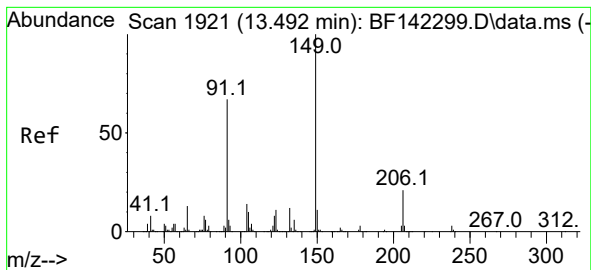


#79
Terphenyl-d14
Concen: 25.003 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42



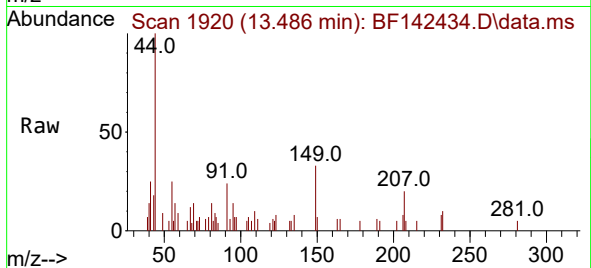
Tgt Ion:244 Resp: 495169
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 11.1 9.0 13.4





#80
Butylbenzylphthalate
Concen: 3.846 ng m
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

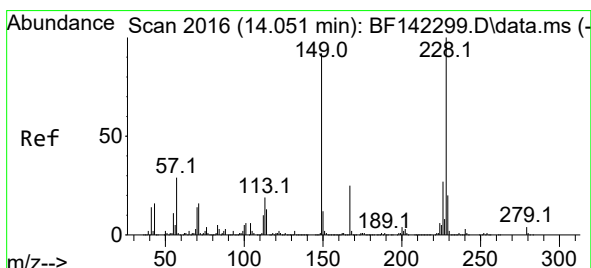
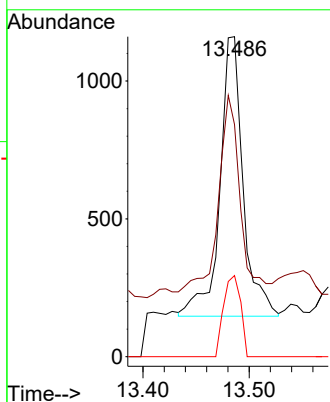
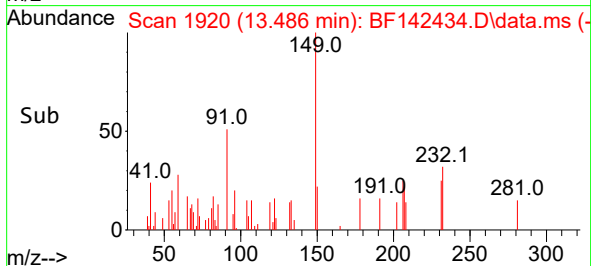
Instrument :
BNA_F
ClientSampleId :
L3-WC-3



Tgt Ion:149 Resp: 1530
Ion Ratio Lower Upper
149 100
91 72.5 53.8 80.6
206 25.3 16.6 24.8

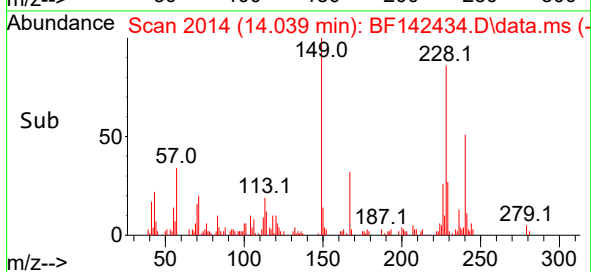
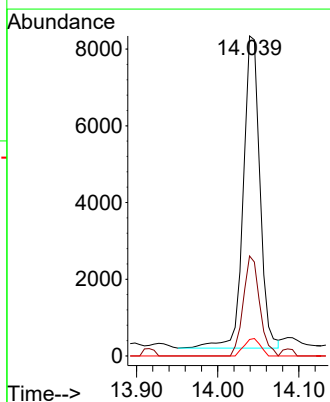
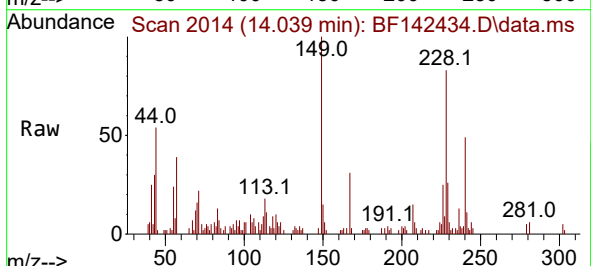
Manual Integrations
APPROVED

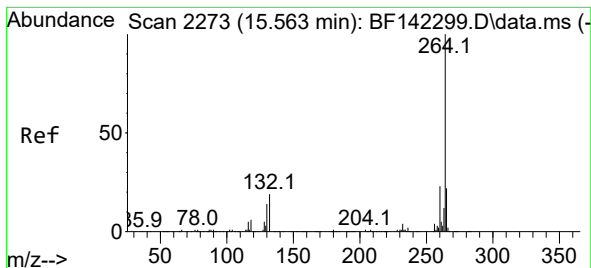
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.301 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

Tgt Ion:149 Resp: 11576
Ion Ratio Lower Upper
149 100
167 31.2 22.0 33.0
279 5.1 3.0 4.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142434.D

Acq: 16 May 2025 18:42

Instrument :

BNA_F

ClientSampleId :

L3-WC-3

Tgt Ion:264 Resp: 220700

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

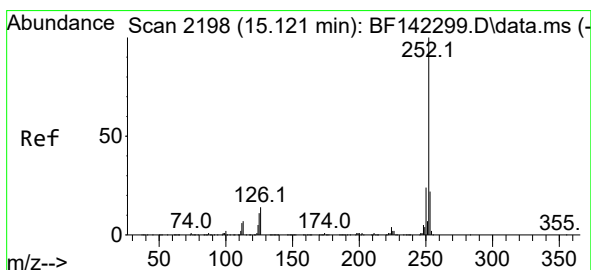
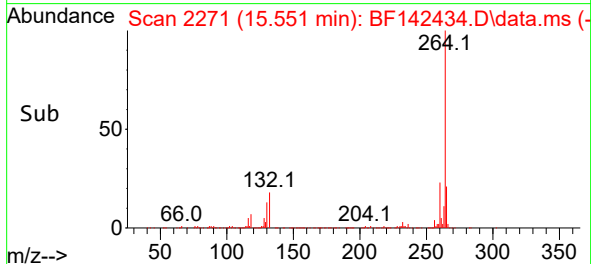
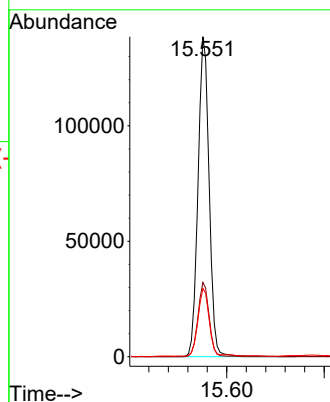
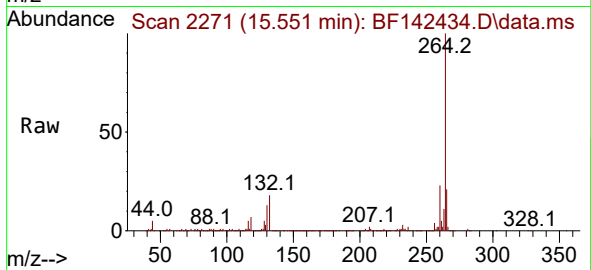
265 21.3 17.5 26.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#88

Benzo(b)fluoranthene

Concen: 2.417 ng m

RT: 15.116 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF142434.D

Acq: 16 May 2025 18:42

Tgt Ion:252 Resp: 32314

Ion Ratio Lower Upper

252 100

253 24.4 17.7 26.5

125 12.7 8.7 13.1

