

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
 Data File : BF143297.D
 Acq On : 04 Aug 2025 15:38
 Operator : RC/JU
 Sample : Q2741-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-07312025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/05/2025
 Supervised By :Jagrut Upadhyay 08/05/2025

Quant Time: Aug 04 16:00:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	115663	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	388852	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	171492	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	290783	20.000	ng	0.00
76) Chrysene-d12	14.121	240	289586	20.000	ng	0.00
86) Perylene-d12	15.633	264	201932	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	536028	73.338	ng	0.00
7) Phenol-d6	6.581	99	655495	71.251	ng	0.00
23) Nitrobenzene-d5	7.516	82	410814	52.662	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	135131	76.276	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	702677	56.037	ng	0.00
79) Terphenyl-d14	13.069	244	787325	40.459	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.951	142	29520	2.533	ng	100
75) Fluoranthene	12.698	202	51689	3.647	ng	96
78) Pyrene	12.927	202	66835	2.704	ng	96
84) Bis(2-ethylhexyl)phtha...	14.086	149	122160	10.665	ng	95
88) Benzo(b)fluoranthene	15.186	252	30513m	2.473	ng	

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

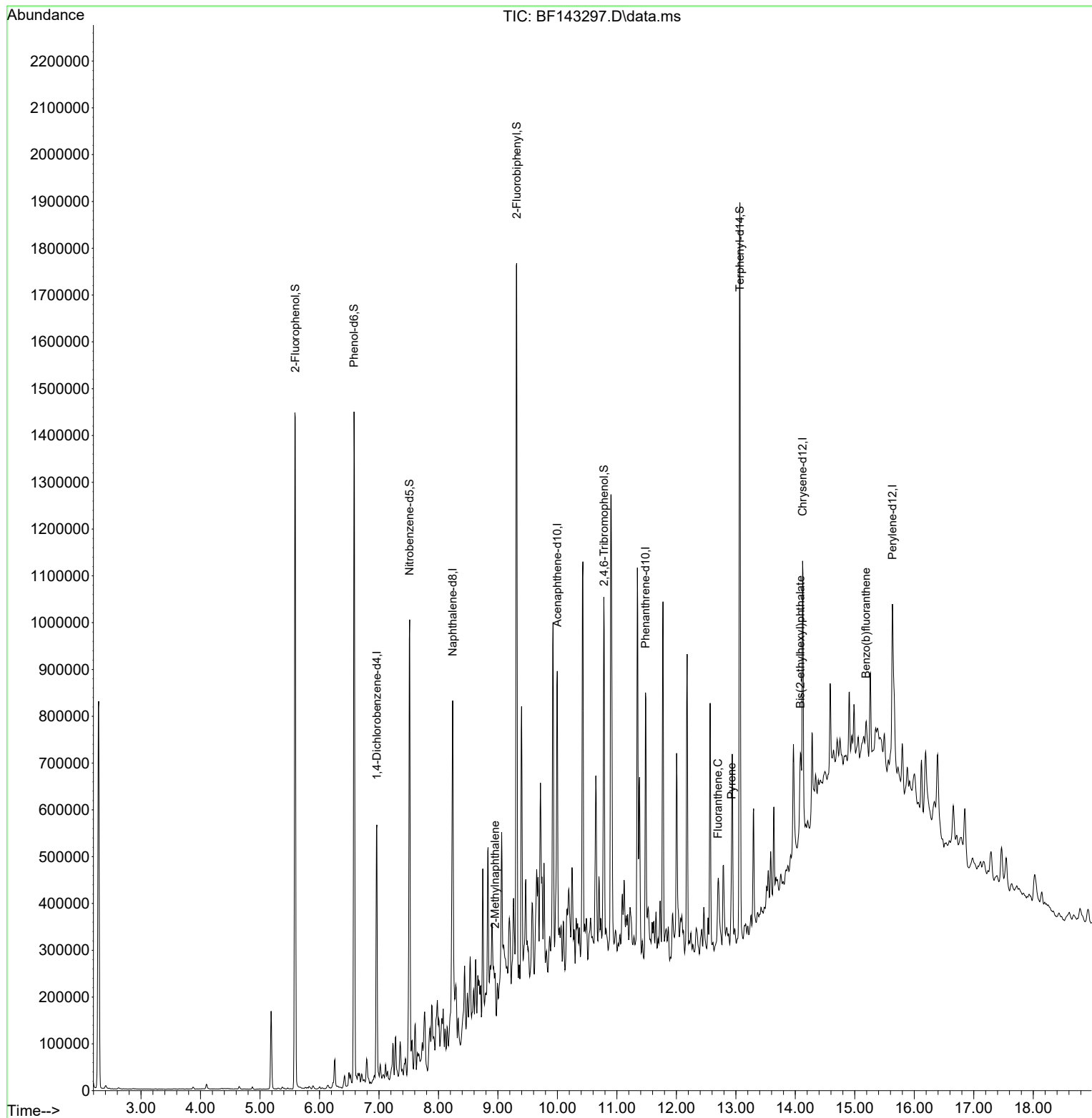
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143297.D
Acq On : 04 Aug 2025 15:38
Operator : RC/JU
Sample : Q2741-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

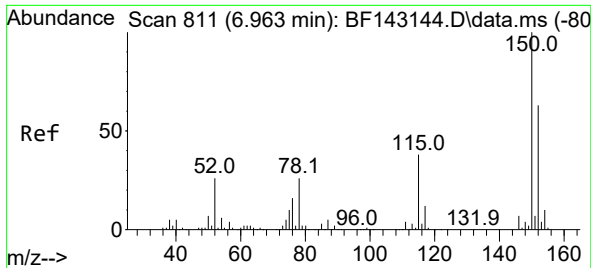
Instrument :
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TR-05-07312025

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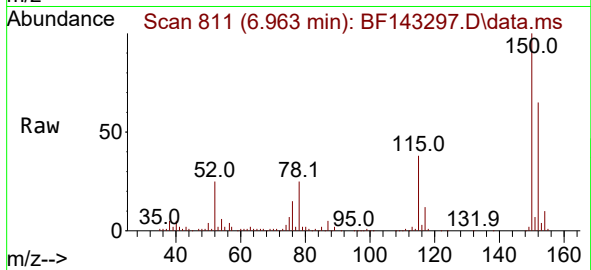
Quant Time: Aug 04 16:00:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143297.D
Acq: 04 Aug 2025 15:38

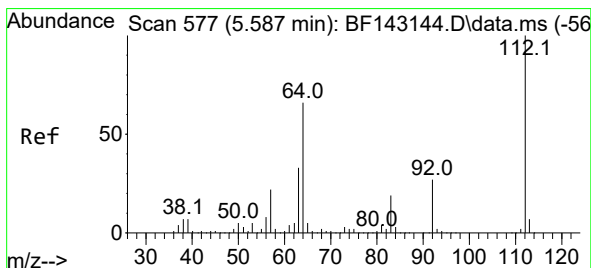
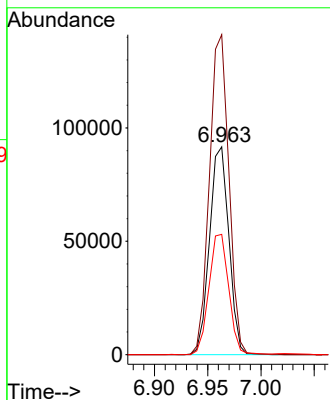
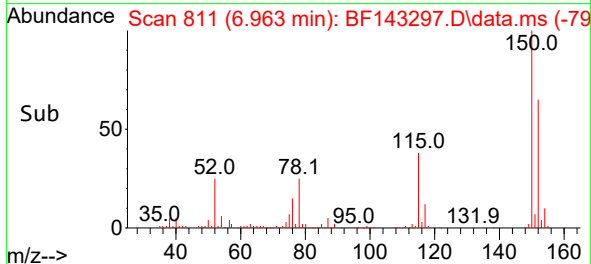
Instrument :
BNA_F
ClientSampleId :
TR-05-07312025



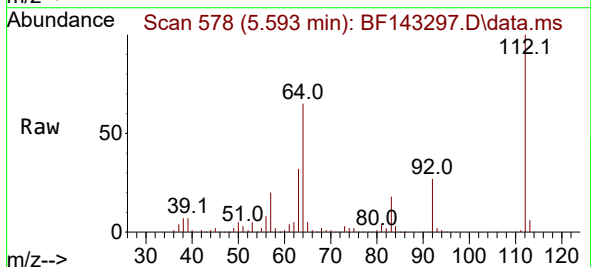
Tgt Ion:152 Resp: 11566
Ion Ratio Lower Upper
152 100
150 153.9 128.2 192.4
115 57.9 47.9 71.9

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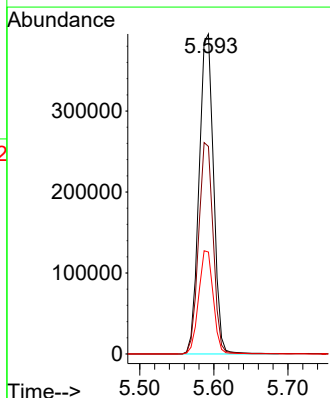
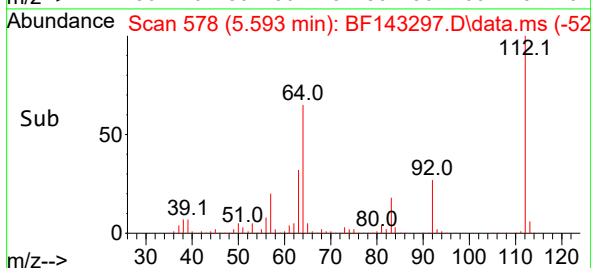
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

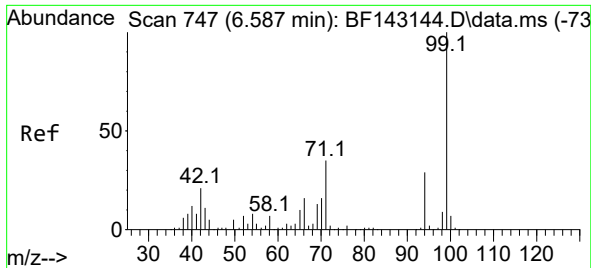


#5
2-Fluorophenol
Concen: 73.338 ng
RT: 5.593 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF143297.D
Acq: 04 Aug 2025 15:38



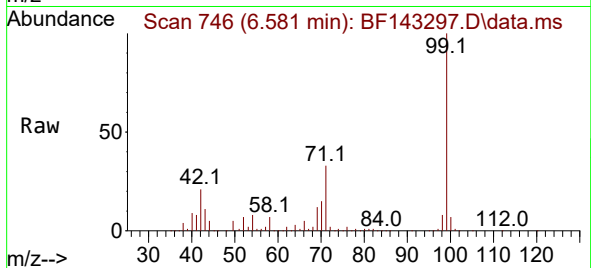
Tgt Ion:112 Resp: 536028
Ion Ratio Lower Upper
112 100
64 64.9 53.1 79.7
63 31.8 26.6 40.0





#7
Phenol-d6
Concen: 71.251 ng
RT: 6.581 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143297.D
Acq: 04 Aug 2025 15:38

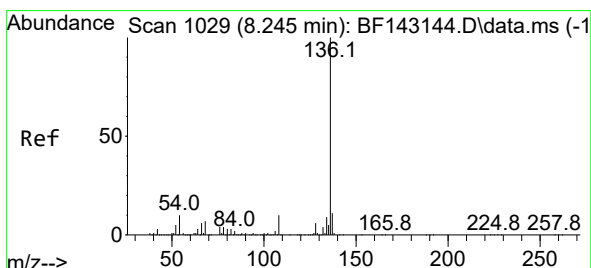
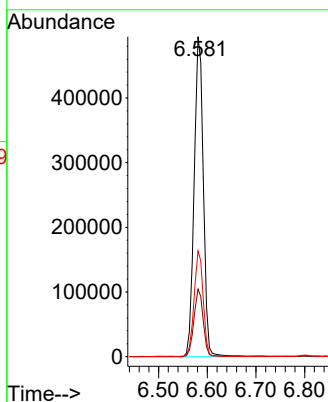
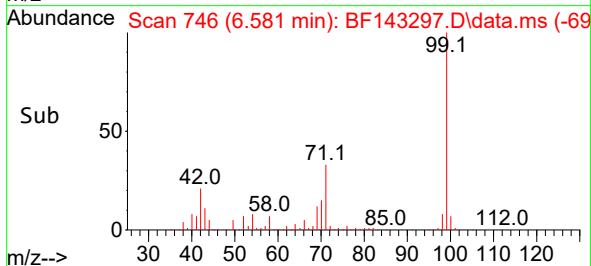
Instrument :
BNA_F
ClientSampleId :
TR-05-07312025



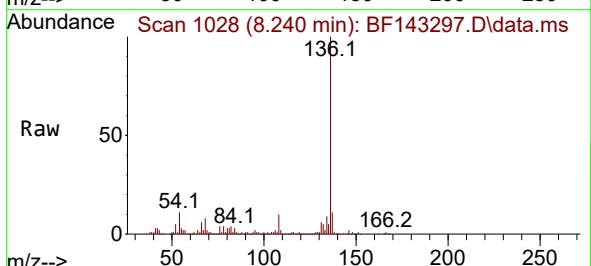
Tgt Ion: 99 Resp: 65549
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 33.0 27.7 41.5

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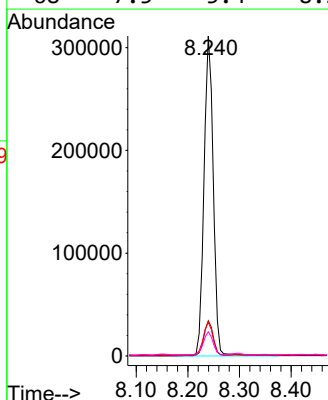
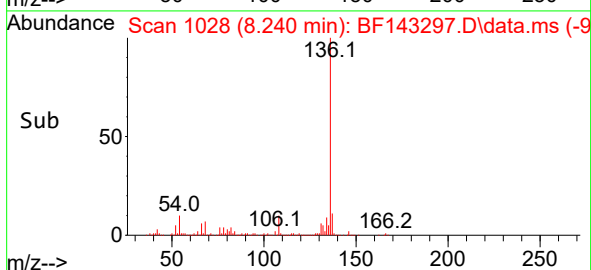
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

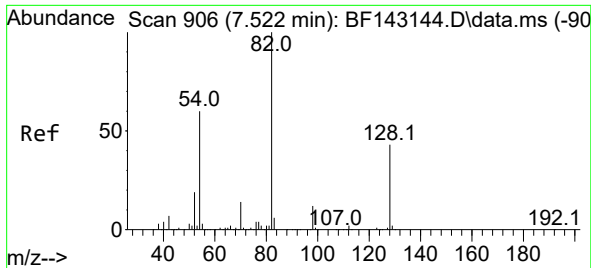


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143297.D
Acq: 04 Aug 2025 15:38



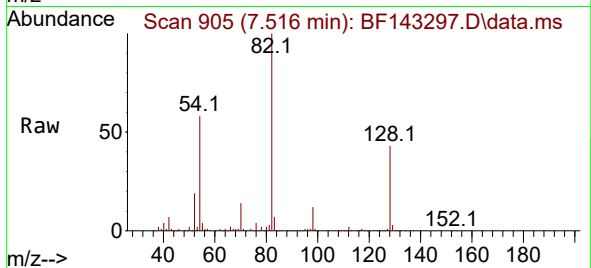
Tgt Ion:136 Resp: 388852
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.5 8.2 12.2
68 7.5 5.4 8.2





#23
Nitrobenzene-d5
Concen: 52.662 ng
RT: 7.516 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF143297.D
Acq: 04 Aug 2025 15:38

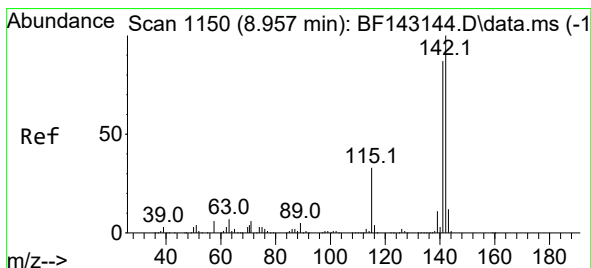
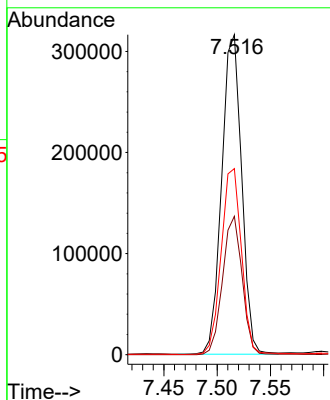
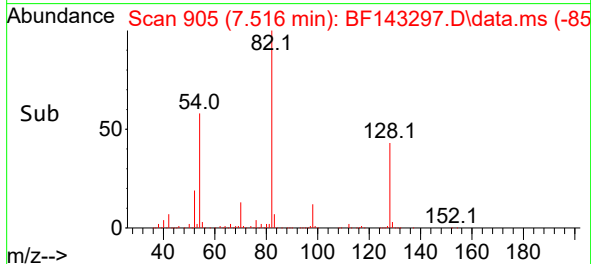
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 410814
Ion Ratio Lower Upper
82 100
128 43.2 33.6 50.4
54 58.1 47.1 70.7

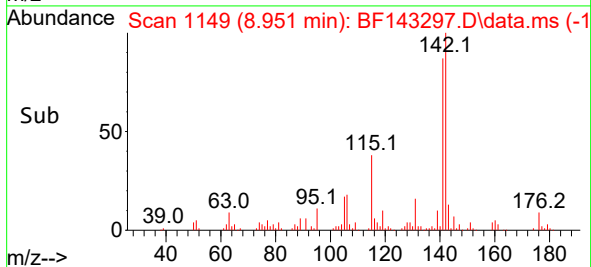
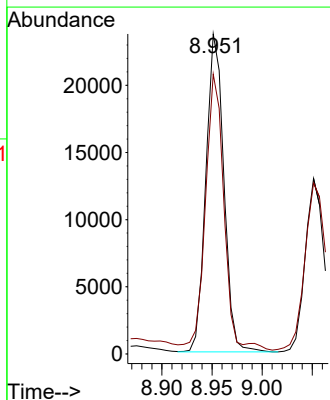
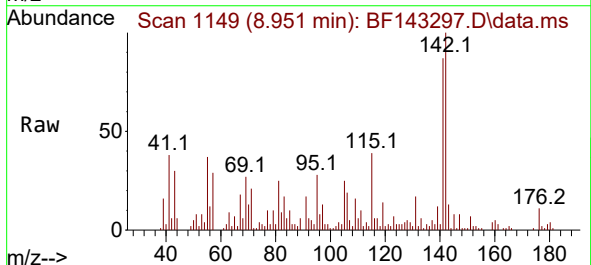
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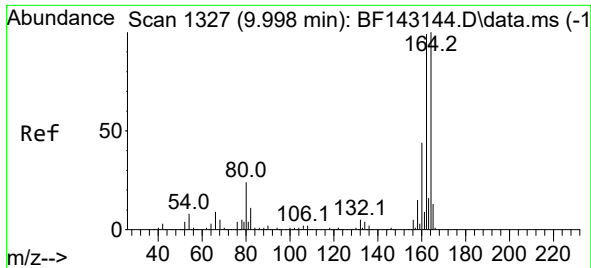
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025



#37
2-Methylnaphthalene
Concen: 2.533 ng
RT: 8.951 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF143297.D
Acq: 04 Aug 2025 15:38

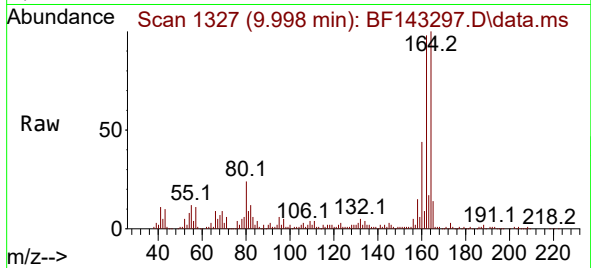
Tgt Ion:142 Resp: 29520
Ion Ratio Lower Upper
142 100
141 87.5 69.9 104.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143297.D
Acq: 04 Aug 2025 15:38

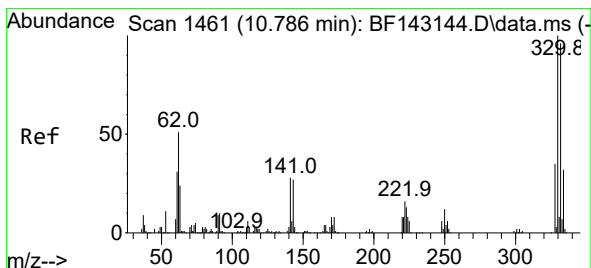
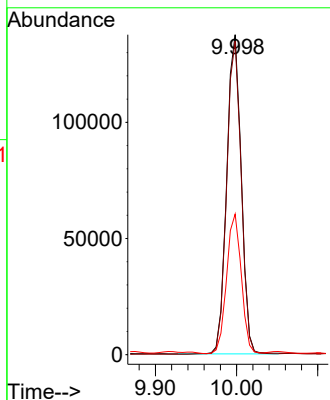
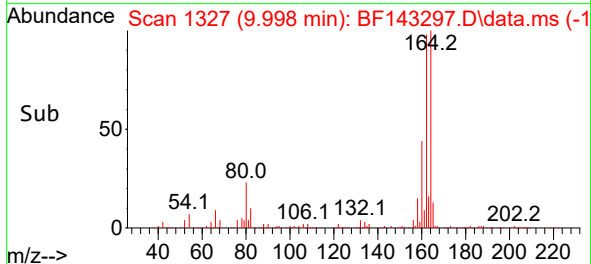
Instrument :
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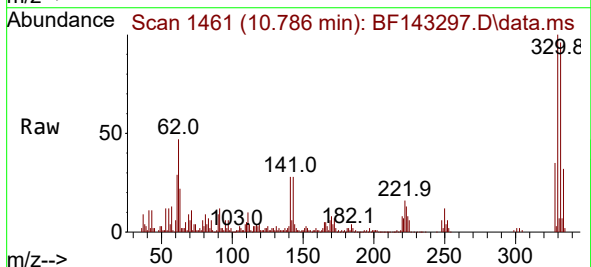
Tgt Ion:164 Resp: 171492
Ion Ratio Lower Upper
164 100
162 98.0 79.0 118.6
160 44.0 35.1 52.7

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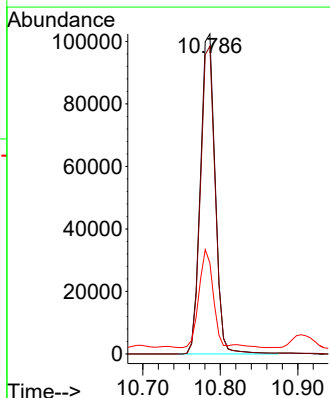
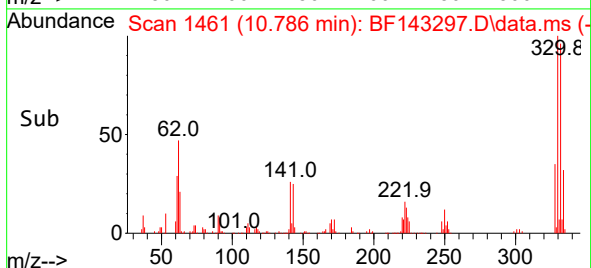
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

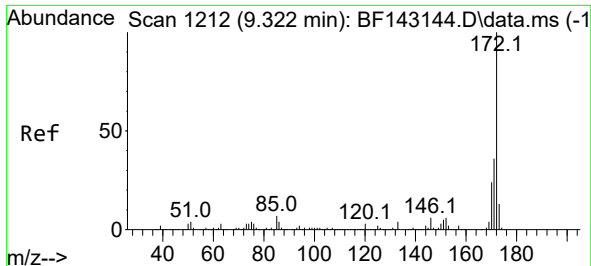


#42
2,4,6-Tribromophenol
Concen: 76.276 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143297.D
Acq: 04 Aug 2025 15:38



Tgt Ion:330 Resp: 135131
Ion Ratio Lower Upper
330 100
332 96.1 76.7 115.1
141 29.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 56.037 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143297.D

Acq: 04 Aug 2025 15:38

Instrument :

BNA_F

ClientSampleId :

TR-05-07312025

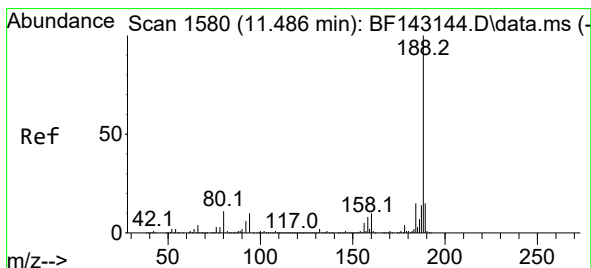
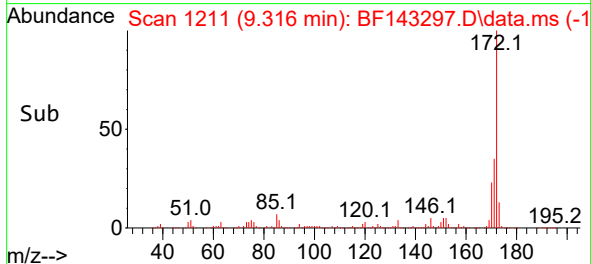
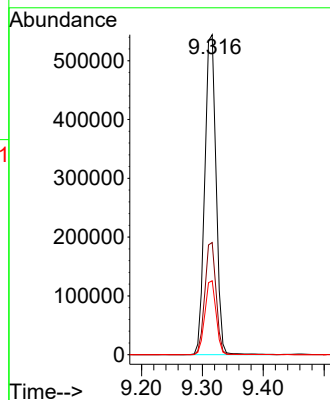
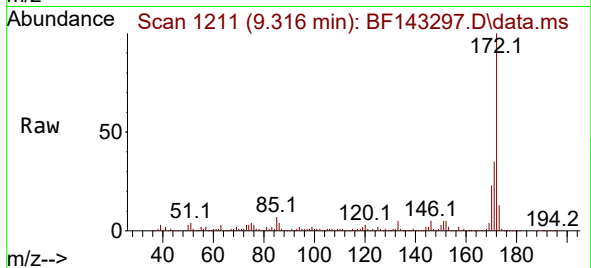
Tgt Ion:172 Resp: 70267
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.1 18.8 28.2

Manual Integrations

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#64

Phenanthrene-d10

Concen: 20.000 ng

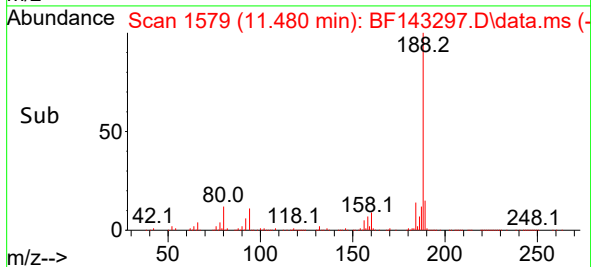
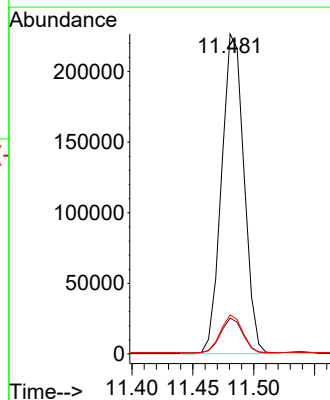
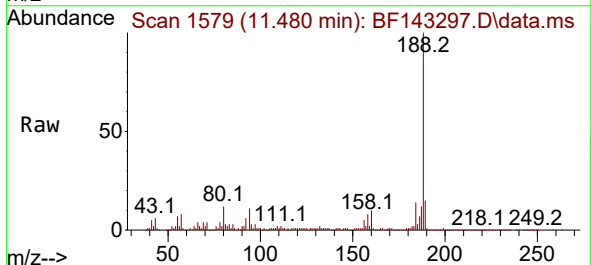
RT: 11.480 min Scan# 1579

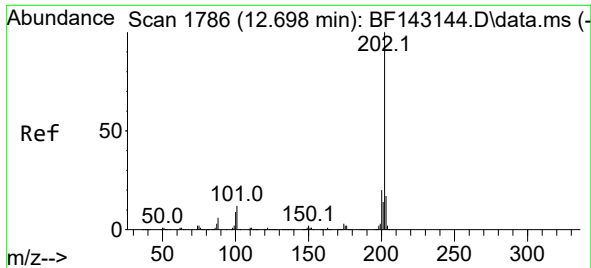
Delta R.T. -0.006 min

Lab File: BF143297.D

Acq: 04 Aug 2025 15:38

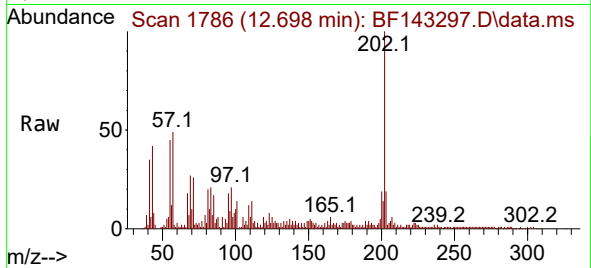
Tgt Ion:188 Resp: 290783
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.3 12.5
 80 12.2 9.0 13.6





#75
Fluoranthene
Concen: 3.647 ng
RT: 12.698 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF143297.D
Acq: 04 Aug 2025 15:38

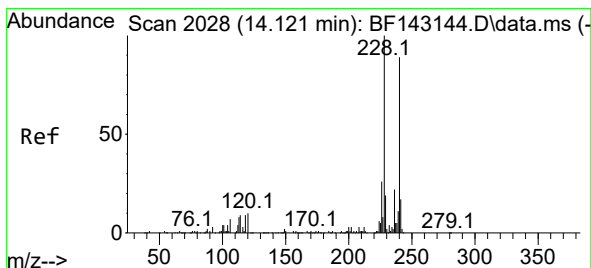
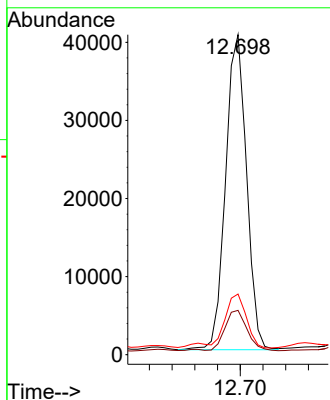
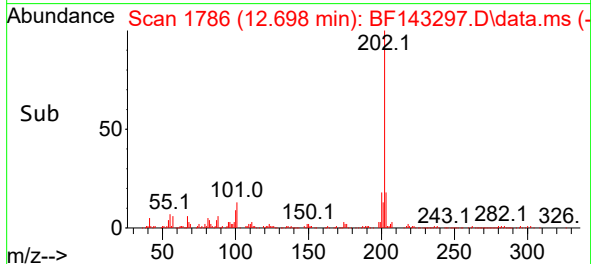
Instrument :
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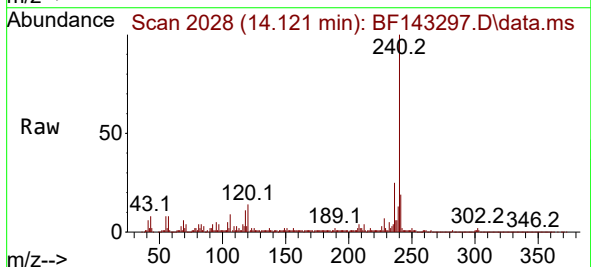
Tgt Ion:202 Resp: 51689
Ion Ratio Lower Upper
202 100
101 13.8 0.0 31.7
203 19.0 0.0 37.4

Manual Integrations
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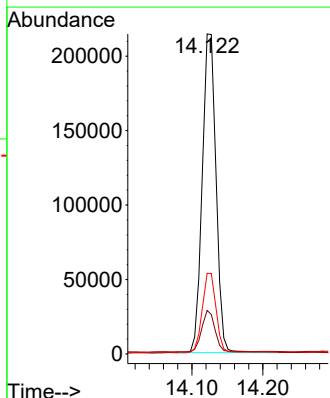
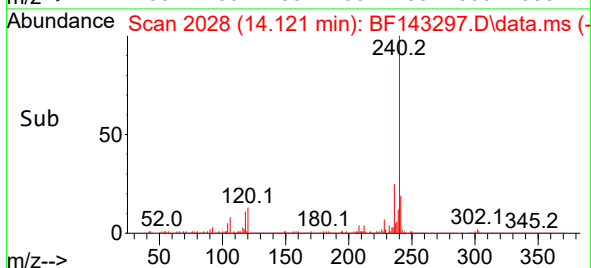
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Supervised By :Jagrut Upadhyay 08/05/2025

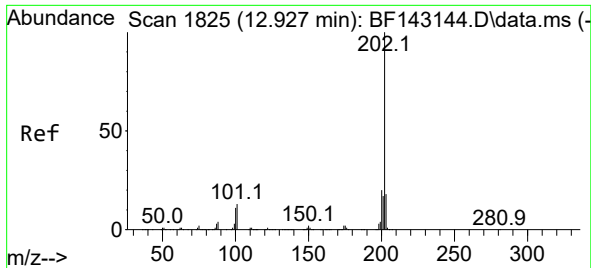


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143297.D
Acq: 04 Aug 2025 15:38



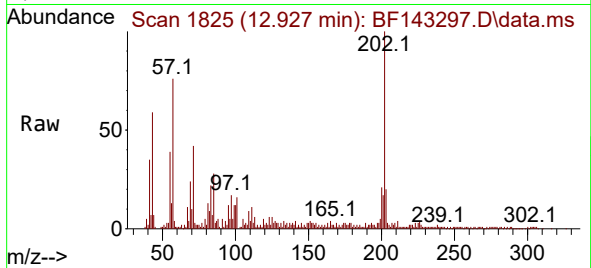
Tgt Ion:240 Resp: 289586
Ion Ratio Lower Upper
240 100
120 13.6 9.4 14.2
236 25.2 20.2 30.4





#78
Pyrene
Concen: 2.704 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143297.D
Acq: 04 Aug 2025 15:38

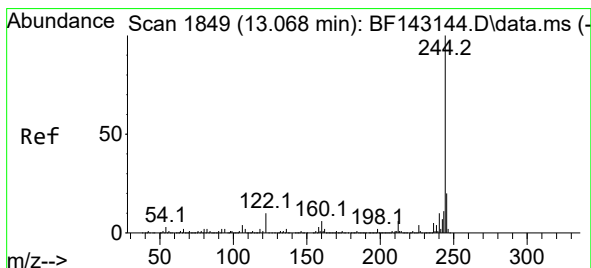
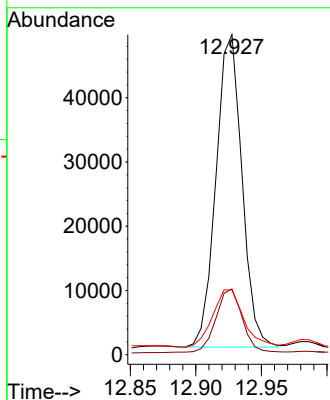
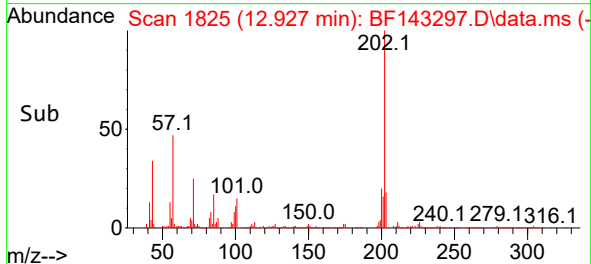
Instrument :
BNA_F
ClientSampleId :
TR-05-07312025



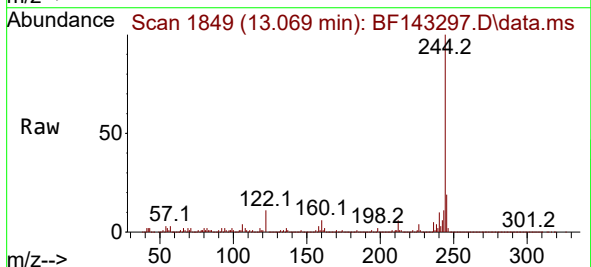
Tgt Ion:202 Resp: 66835
Ion Ratio Lower Upper
202 100
200 20.5 15.7 23.5
203 20.3 14.2 21.2

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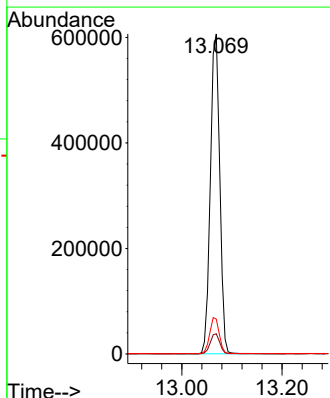
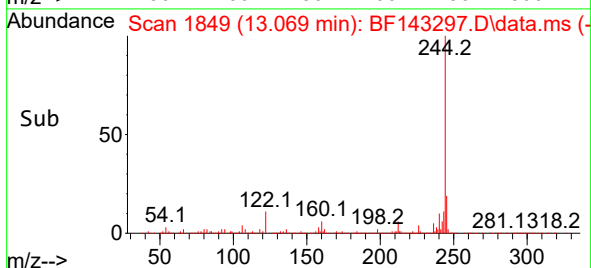
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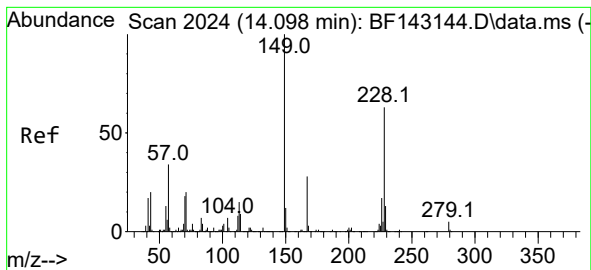


#79
Terphenyl-d14
Concen: 40.459 ng
RT: 13.069 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF143297.D
Acq: 04 Aug 2025 15:38



Tgt Ion:244 Resp: 787325
Ion Ratio Lower Upper
244 100
212 6.3 5.2 7.8
122 10.9 8.2 12.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 10.665 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF143297.D

Acq: 04 Aug 2025 15:38

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:149 Resp: 122160

Ion Ratio Lower Upper

149 100

167 30.5 22.3 33.5

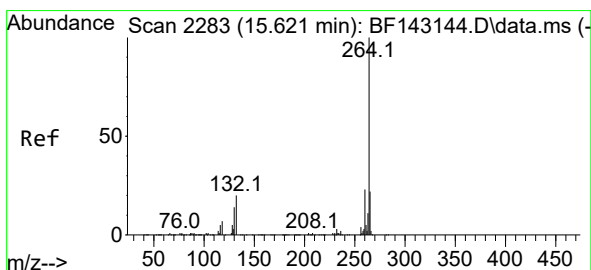
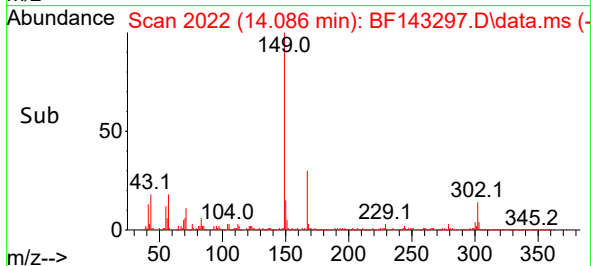
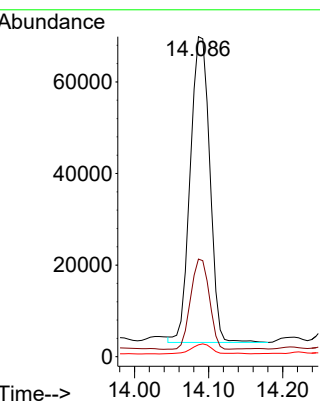
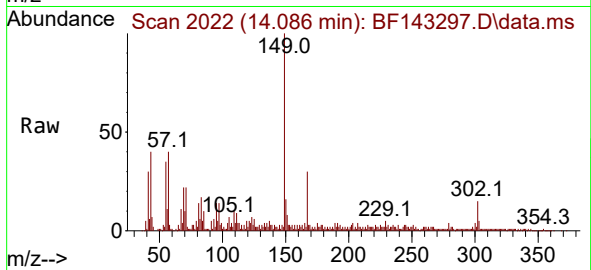
279 3.7 3.6 5.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/05/2025

Supervised By :Jagrut Upadhyay 08/05/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.633 min Scan# 2285

Delta R.T. 0.012 min

Lab File: BF143297.D

Acq: 04 Aug 2025 15:38

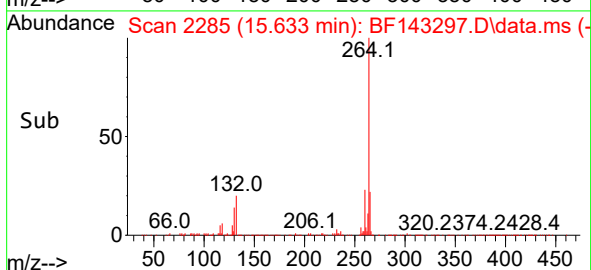
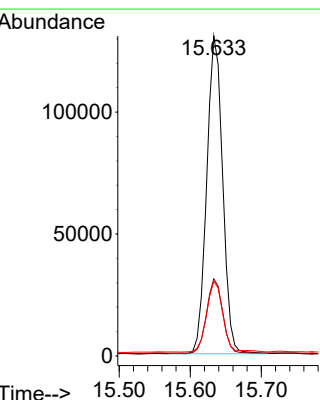
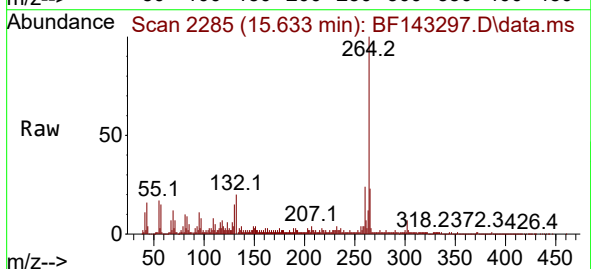
Tgt Ion:264 Resp: 201932

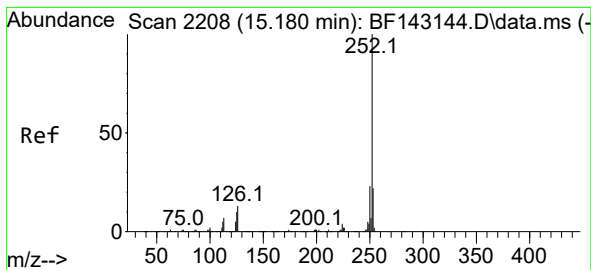
Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

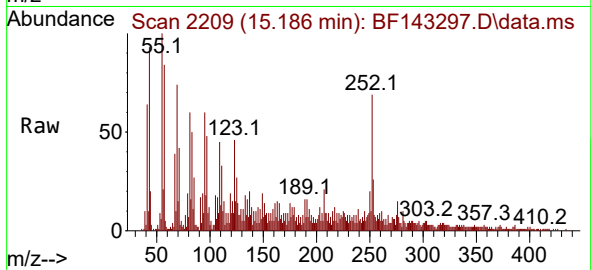
265 23.3 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 2.473 ng m
RT: 15.186 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143297.D
Acq: 04 Aug 2025 15:38

Instrument :
BNA_F
ClientSampleId :
TR-05-07312025



Tgt Ion:252 Resp: 3051
Ion Ratio Lower Upper
252 100
253 37.4 17.5 26.3
125 39.5 8.0 12.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

