

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143866.D
 Acq On : 02 Oct 2025 20:36
 Operator : RC/JU
 Sample : Q3266-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-4-6FT

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 03 01:28:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	126348	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	483731	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	249487	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	391899	20.000	ng	0.00
76) Chrysene-d12	14.051	240	327285	20.000	ng	-0.01
86) Perylene-d12	15.533	264	470701	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	527156	67.787	ng	0.00
7) Phenol-d6	6.498	99	656297	73.040	ng	-0.01
23) Nitrobenzene-d5	7.439	82	425309	53.819	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	173952	47.090	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	861154	53.864	ng	0.00
79) Terphenyl-d14	12.998	244	988798	61.444	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.621	202	48239	2.384	ng	97
78) Pyrene	12.851	202	46215	2.872	ng	97
88) Benzo(b)fluoranthene	15.098	252	53281m	2.223	ng	

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

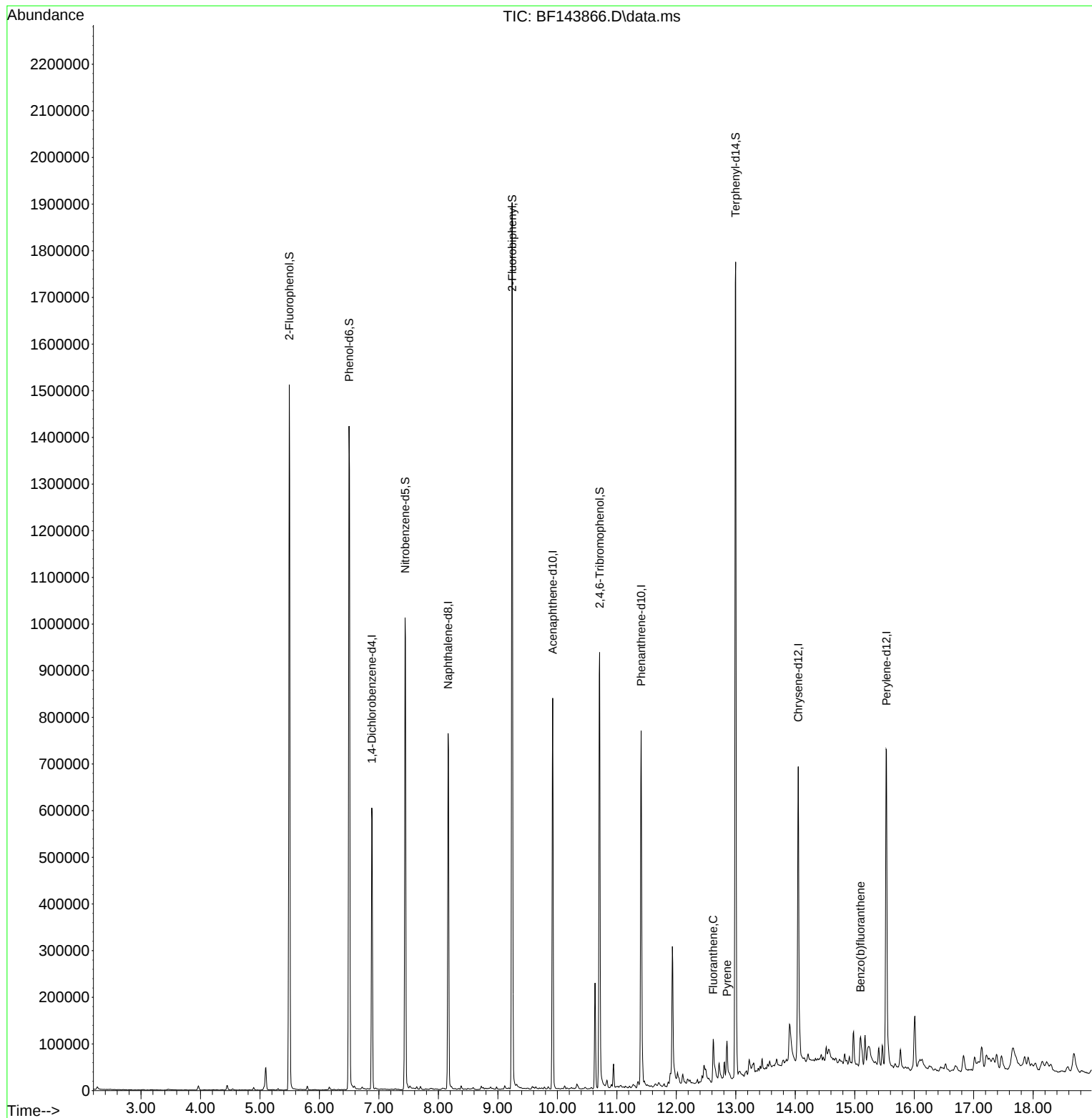
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
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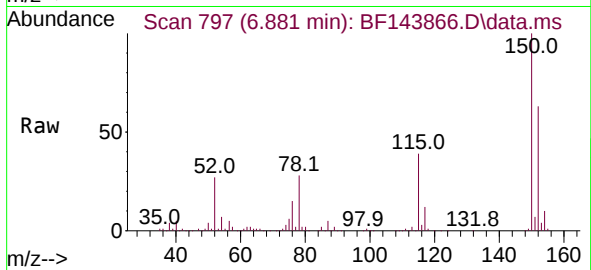
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF143866.D
Acq: 02 Oct 2025 20:36

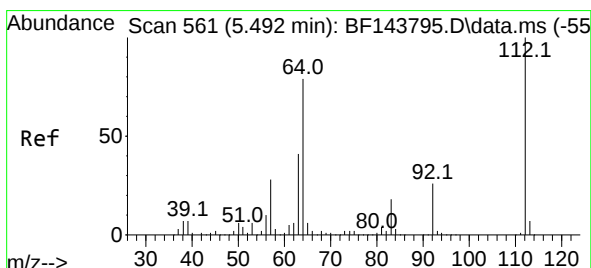
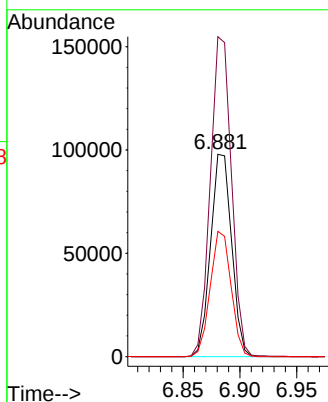
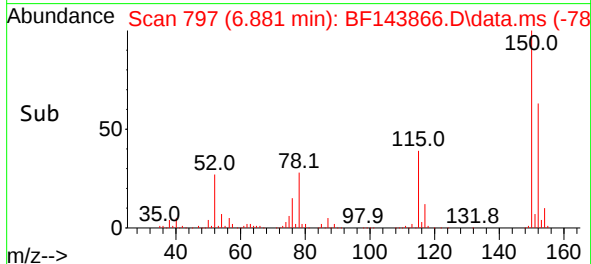
Instrument :
BNA_F
ClientSampleId :
ENV-4-6FT



Tgt Ion:152 Resp: 126348
Ion Ratio Lower Upper
152 100
150 158.2 129.6 194.4
115 61.9 49.0 73.4

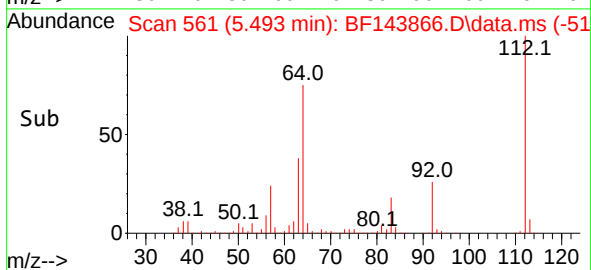
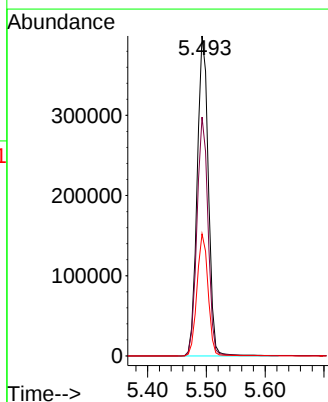
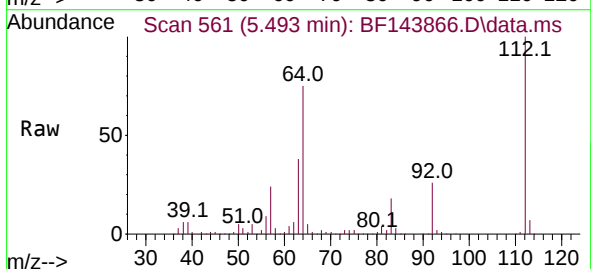
Manual Integrations
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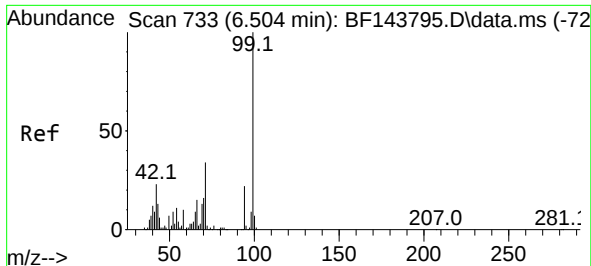
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#5
2-Fluorophenol
Concen: 67.787 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.005 min
Lab File: BF143866.D
Acq: 02 Oct 2025 20:36

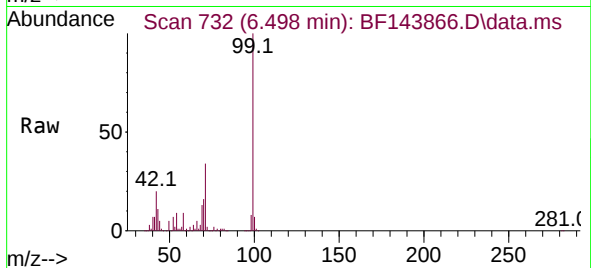
Tgt Ion:112 Resp: 527156
Ion Ratio Lower Upper
112 100
64 74.6 63.0 94.4
63 38.1 32.6 49.0





#7
Phenol-d6
Concen: 73.040 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF143866.D
Acq: 02 Oct 2025 20:36

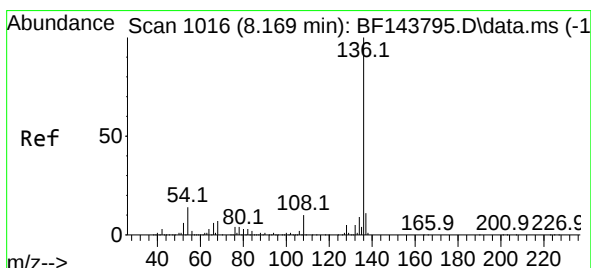
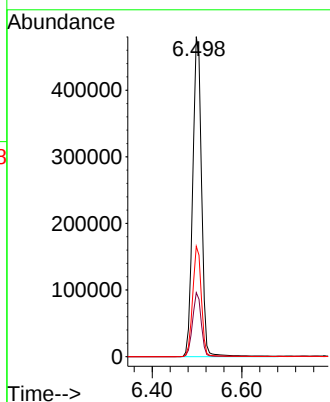
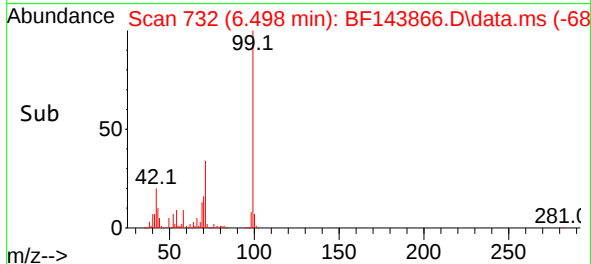
Instrument :
BNA_F
ClientSampleId :
ENV-4-6FT



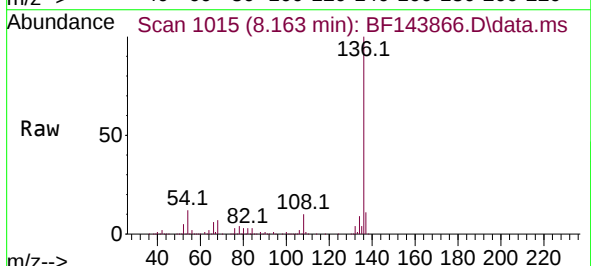
Tgt Ion: 99 Resp: 656297
Ion Ratio Lower Upper
99 100
42 20.0 18.6 28.0
71 34.5 27.0 40.4

Manual Integrations
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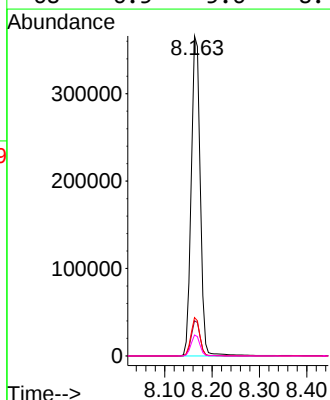
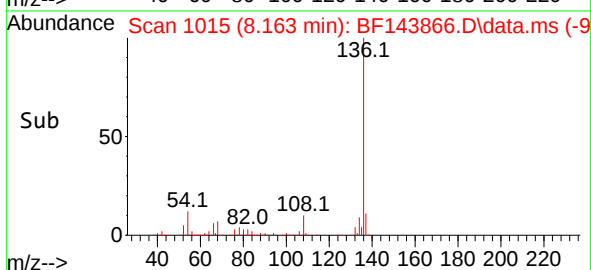
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

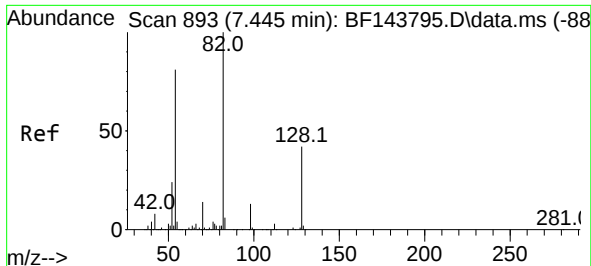


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143866.D
Acq: 02 Oct 2025 20:36



Tgt Ion:136 Resp: 483731
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 12.0 11.2 16.8
68 6.5 5.6 8.4





#23

Nitrobenzene-d5

Concen: 53.819 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF143866.D

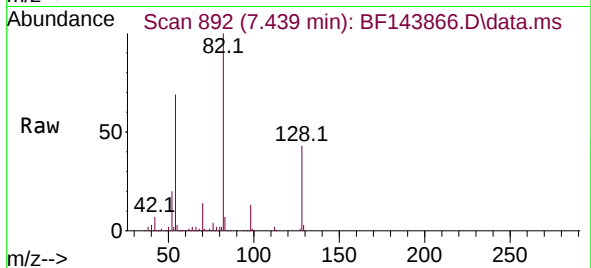
Acq: 02 Oct 2025 20:36

Instrument :

BNA_F

ClientSampleId :

ENV-4-6FT



Tgt Ion: 82 Resp: 425309

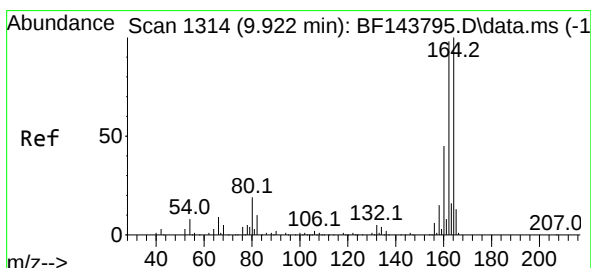
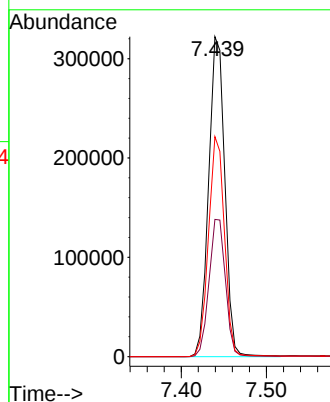
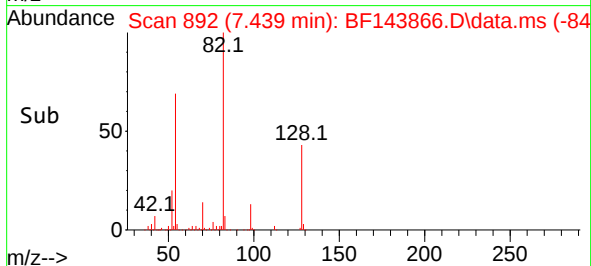
Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.3	49.9
54	68.7	64.2	96.4

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

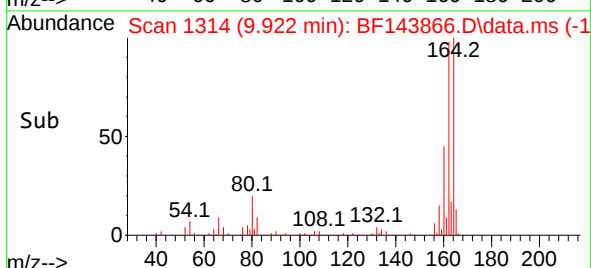
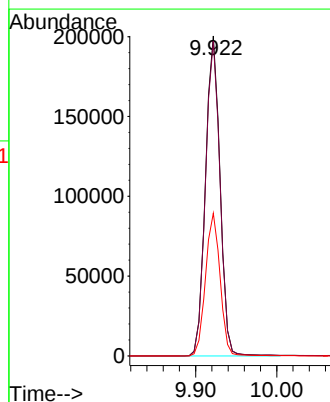
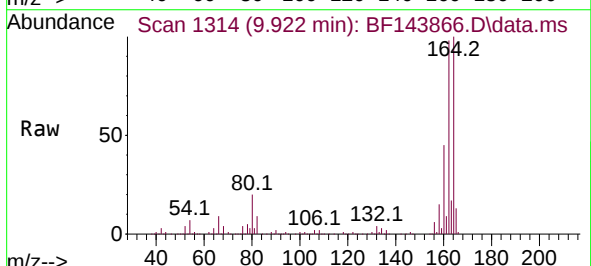
Delta R.T. -0.006 min

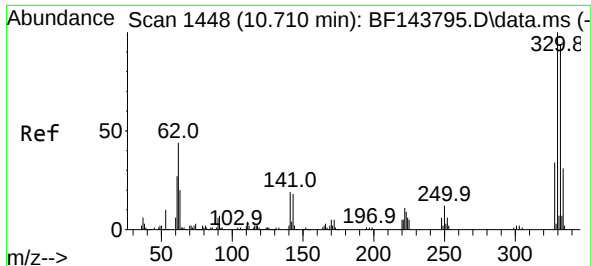
Lab File: BF143866.D

Acq: 02 Oct 2025 20:36

Tgt Ion:164 Resp: 249487

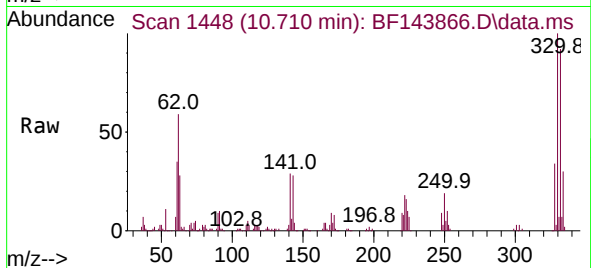
Ion	Ratio	Lower	Upper
164	100		
162	98.4	78.8	118.2
160	44.6	35.8	53.6





#42
2,4,6-Tribromophenol
Concen: 47.090 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143866.D
Acq: 02 Oct 2025 20:36

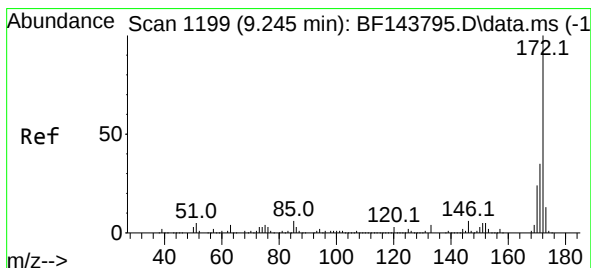
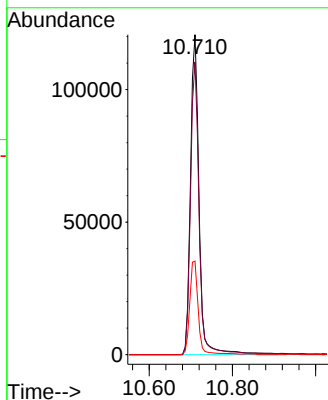
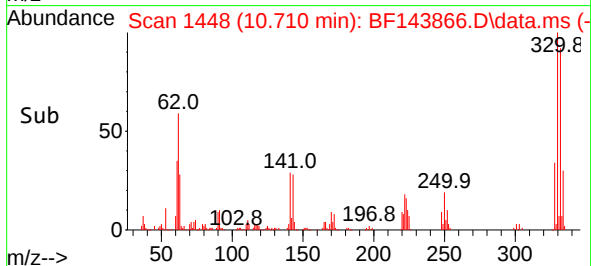
Instrument :
BNA_F
ClientSampleId :
ENV-4-6FT



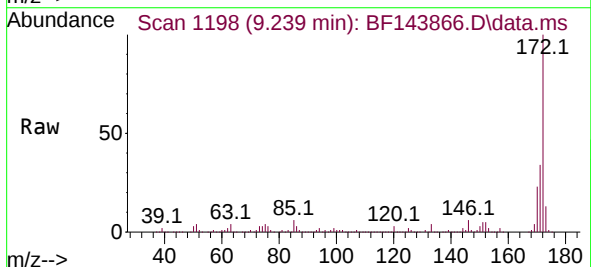
Tgt Ion: 330 Resp: 173952
Ion Ratio Lower Upper
330 100
332 90.6 74.7 112.1
141 28.8 14.3 21.5

Manual Integrations
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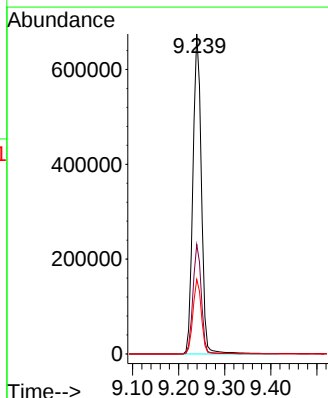
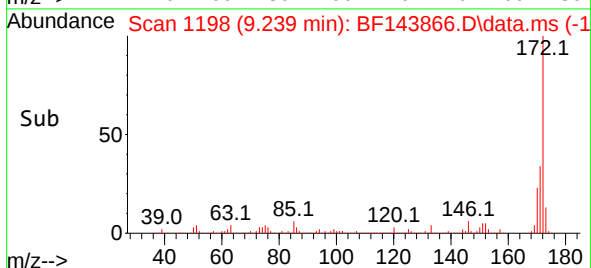
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

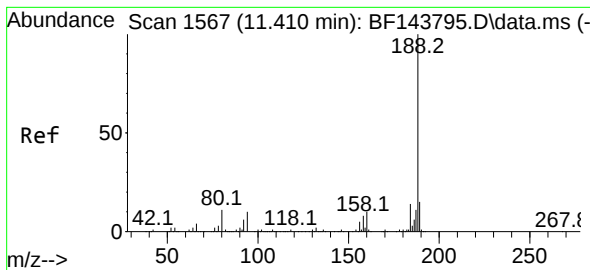


#45
2-Fluorobiphenyl
Concen: 53.864 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF143866.D
Acq: 02 Oct 2025 20:36



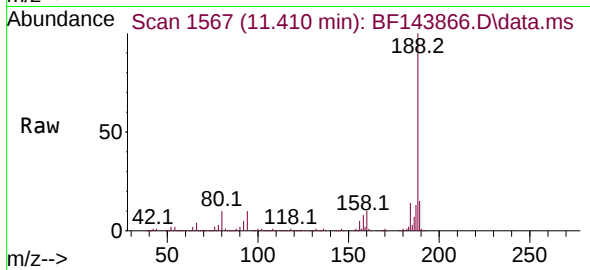
Tgt Ion: 172 Resp: 861154
Ion Ratio Lower Upper
172 100
171 34.2 27.9 41.9
170 23.3 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143866.D
Acq: 02 Oct 2025 20:36

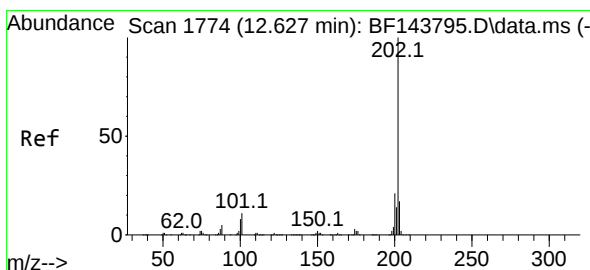
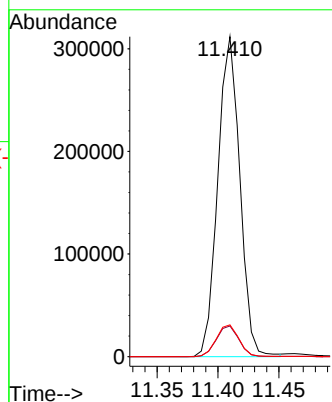
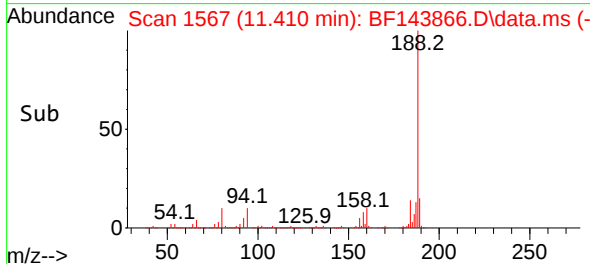
Instrument :
BNA_F
ClientSampleId :
ENV-4-6FT



Tgt Ion:188 Resp: 391899
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 9.9 8.6 12.8

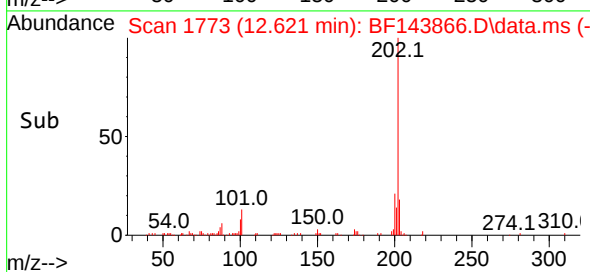
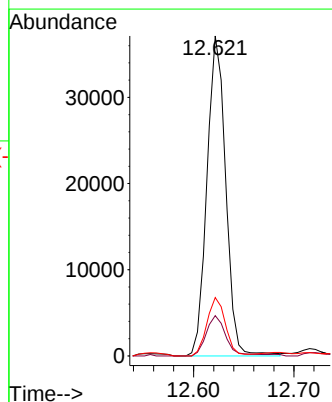
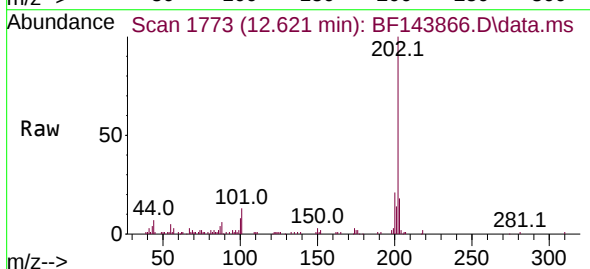
Manual Integrations
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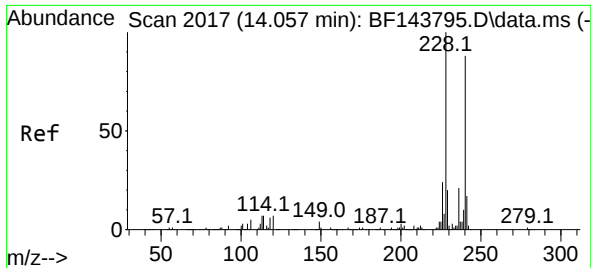
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#75
Fluoranthene
Concen: 2.384 ng
RT: 12.621 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF143866.D
Acq: 02 Oct 2025 20:36

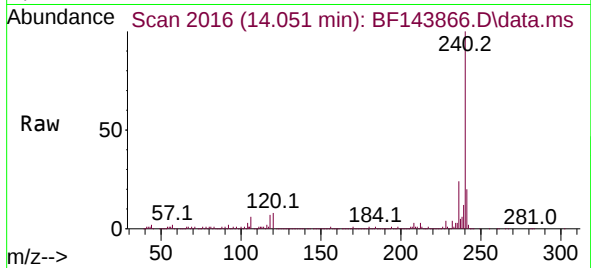
Tgt Ion:202 Resp: 48239
Ion Ratio Lower Upper
202 100
101 12.6 0.0 31.1
203 18.2 0.0 37.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF143866.D
Acq: 02 Oct 2025 20:36

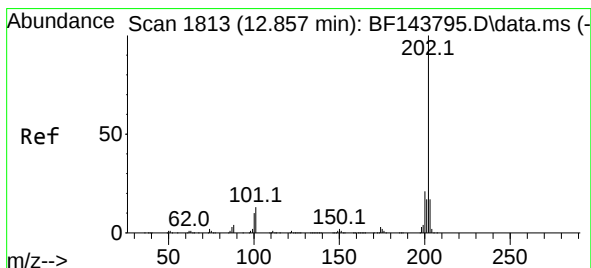
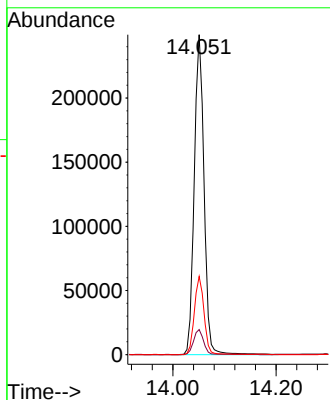
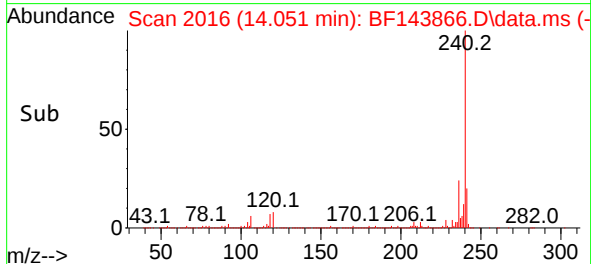
Instrument :
BNA_F
ClientSampleId :
ENV-4-6FT



Tgt Ion:240 Resp: 327285
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.4
236 24.4 19.4 29.2

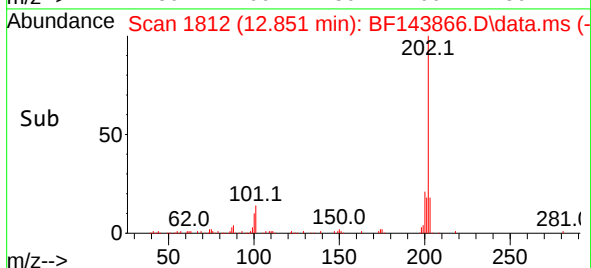
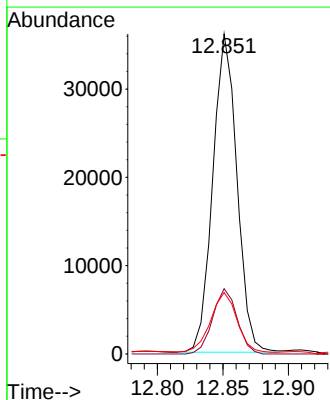
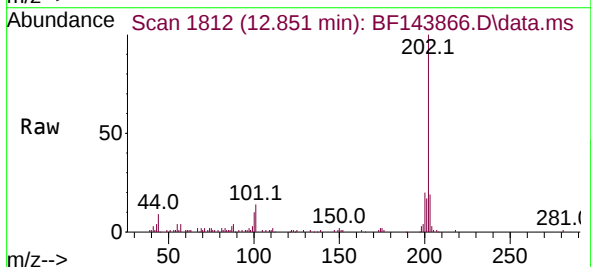
Manual Integrations
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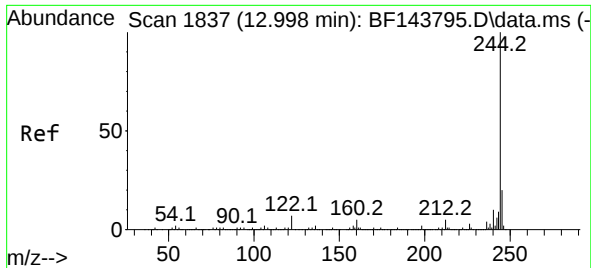
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#78
Pyrene
Concen: 2.872 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF143866.D
Acq: 02 Oct 2025 20:36

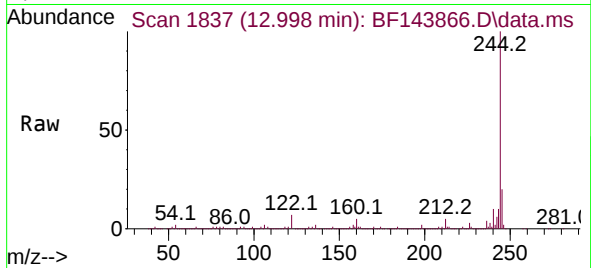
Tgt Ion:202 Resp: 46215
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.4
203 19.2 13.9 20.9





#79
Terphenyl-d14
Concen: 61.444 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF143866.D
Acq: 02 Oct 2025 20:36

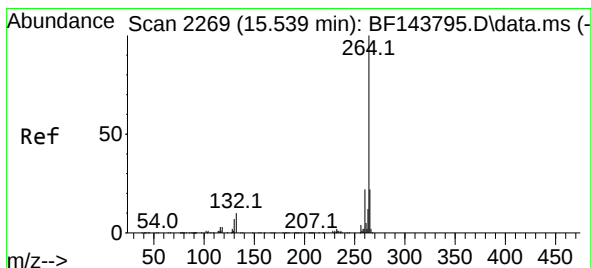
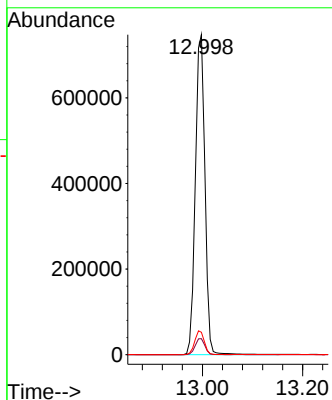
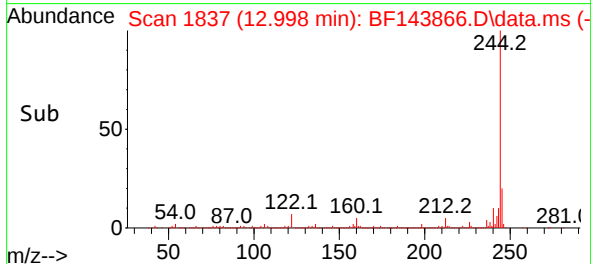
Instrument :
BNA_F
ClientSampleId :
ENV-4-6FT



Tgt Ion:244 Resp: 988798
Ion Ratio Lower Upper
244 100
212 5.0 3.9 5.9
122 7.0 5.6 8.4

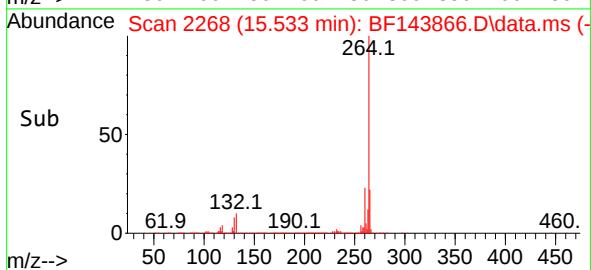
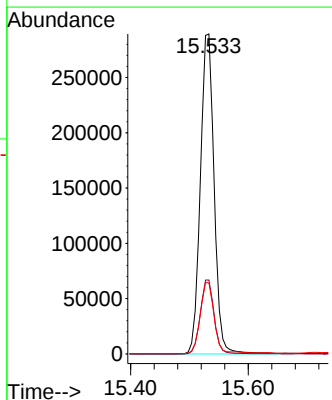
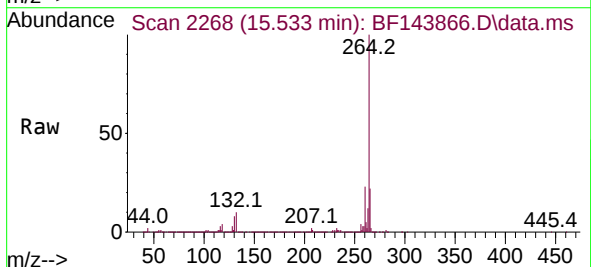
Manual Integrations
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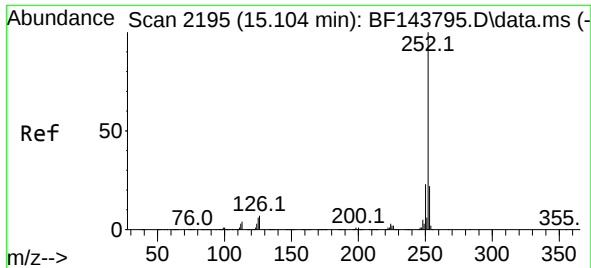
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143866.D
Acq: 02 Oct 2025 20:36

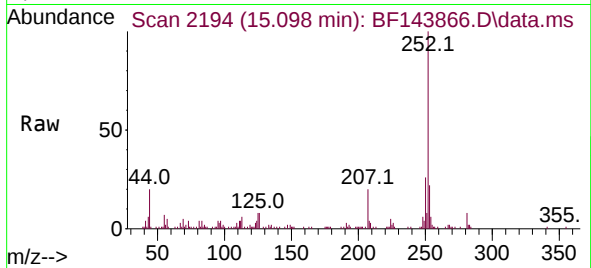
Tgt Ion:264 Resp: 470701
Ion Ratio Lower Upper
264 100
260 23.1 17.9 26.9
265 22.2 17.7 26.5





#88
Benzo(b)fluoranthene
Concen: 2.223 ng m
RT: 15.098 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF143866.D
Acq: 02 Oct 2025 20:36

Instrument :
BNA_F
ClientSampleId :
ENV-4-6FT



Tgt Ion:252 Resp: 53283
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 8.0 4.4 6.6

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

