

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143845.D
 Acq On : 30 Sep 2025 21:03
 Operator : RC/JU
 Sample : Q3231-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/01/2025
 Supervised By :Jagrut Upadhyay 10/01/2025

Quant Time: Oct 01 02:37:08 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	6.887	152	124684	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	477552	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	253811	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	402759	20.000	ng	0.00
76) Chrysene-d12	14.051	240	366885	20.000	ng	-0.01
86) Perylene-d12	15.533	264	540742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1078148	140.489	ng	0.01
7) Phenol-d6	6.504	99	1229324	138.638	ng	0.00
23) Nitrobenzene-d5	7.445	82	785639	100.701	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	607746	161.717	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1608295	98.882	ng	0.00
79) Terphenyl-d14	12.998	244	2188088	121.292	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.187	128	72419	3.168	ng	99
32) Benzoic acid	7.869	122	13436m	4.098	ng	

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

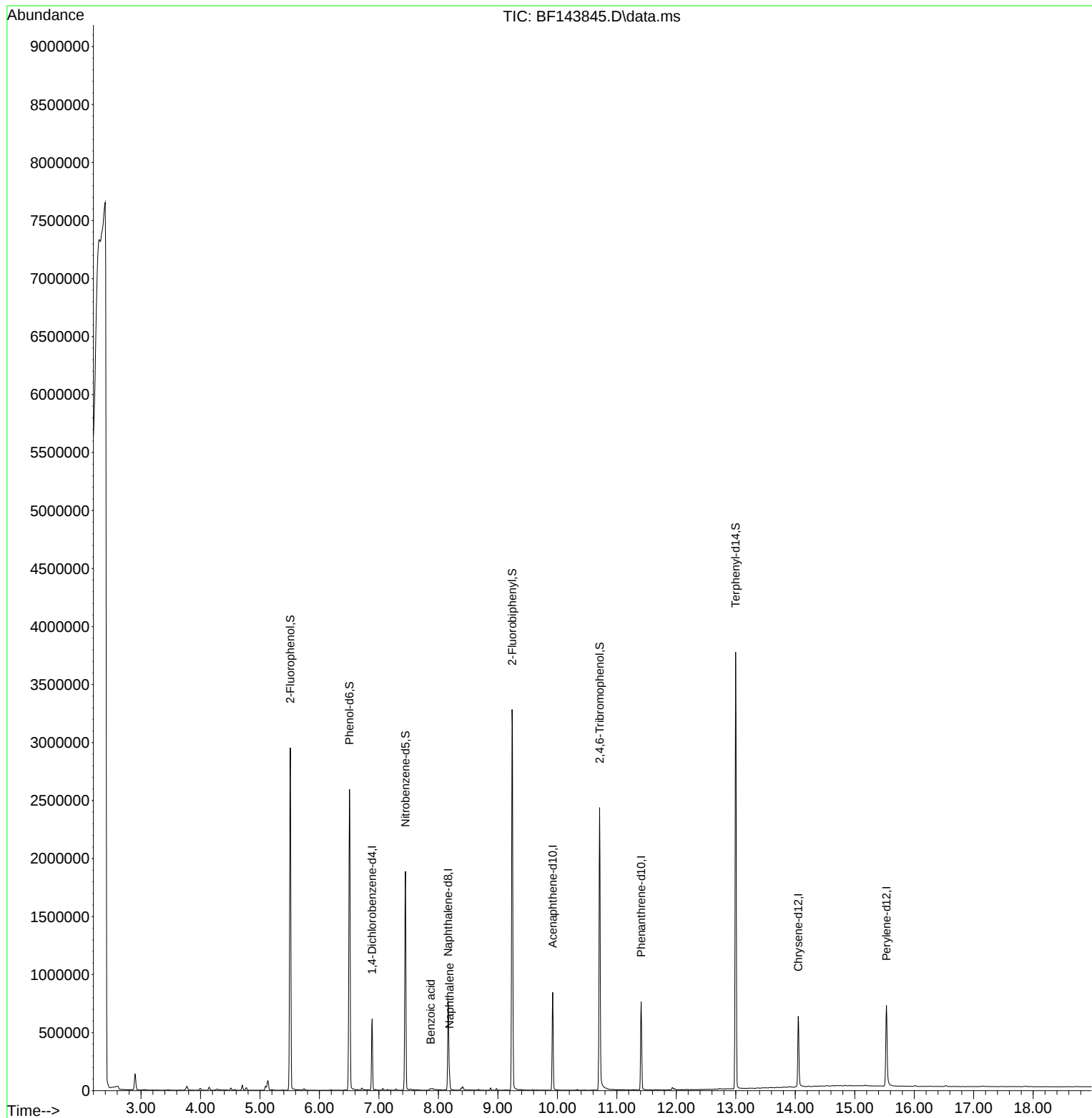
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
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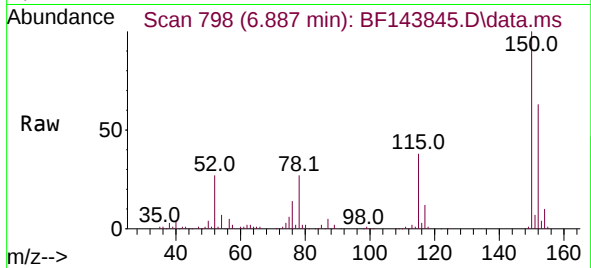
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF143845.D
Acq: 30 Sep 2025 21:03

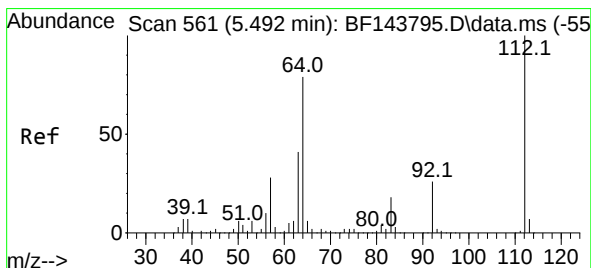
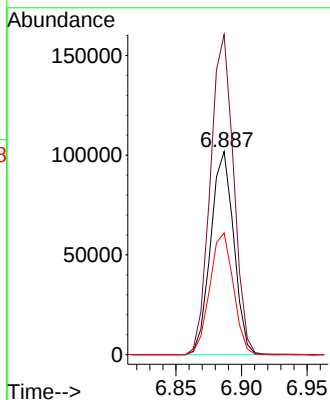
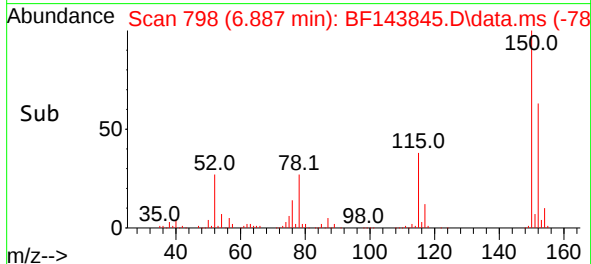
Instrument :
BNA_F
ClientSampleId :
WC-3



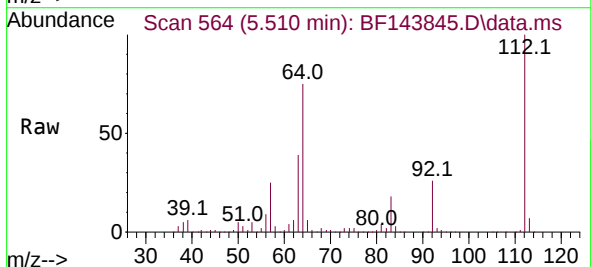
Tgt Ion:152 Resp: 124684
Ion Ratio Lower Upper
152 100
150 157.5 129.6 194.4
115 59.9 49.0 73.4

Manual Integrations
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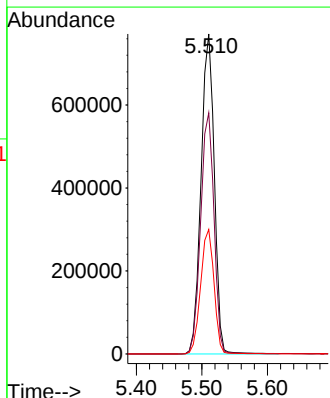
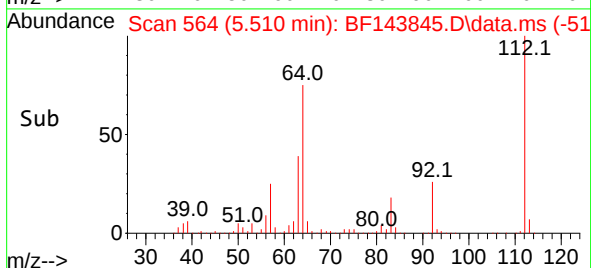
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

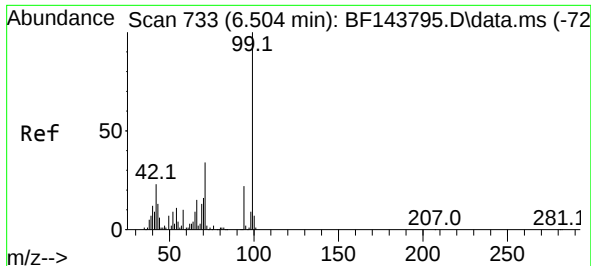


#5
2-Fluorophenol
Concen: 140.489 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143845.D
Acq: 30 Sep 2025 21:03



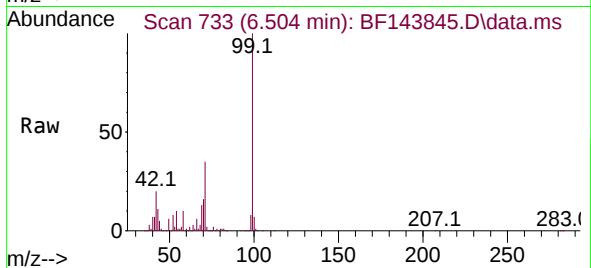
Tgt Ion:112 Resp: 1078148
Ion Ratio Lower Upper
112 100
64 75.3 63.0 94.4
63 38.9 32.6 49.0





#7
Phenol-d6
Concen: 138.638 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143845.D
Acq: 30 Sep 2025 21:03

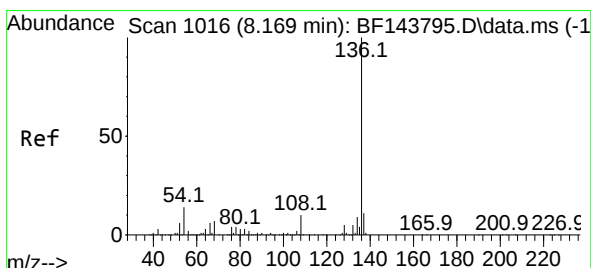
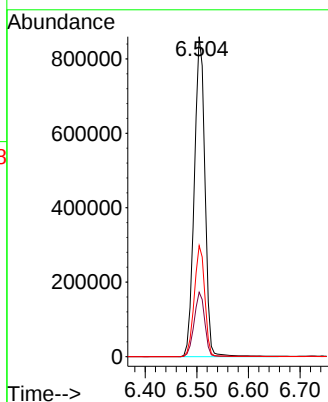
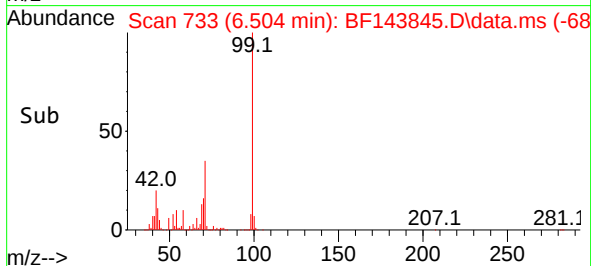
Instrument :
BNA_F
ClientSampleId :
WC-3



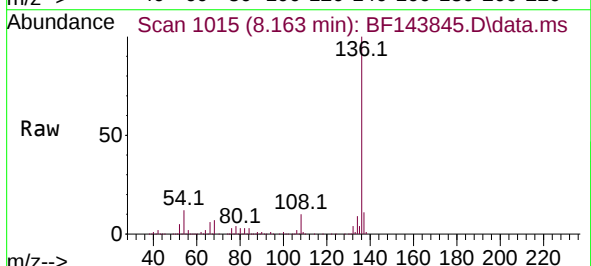
Tgt Ion: 99 Resp: 1229324
Ion Ratio Lower Upper
99 100
42 20.1 18.6 28.0
71 34.7 27.0 40.4

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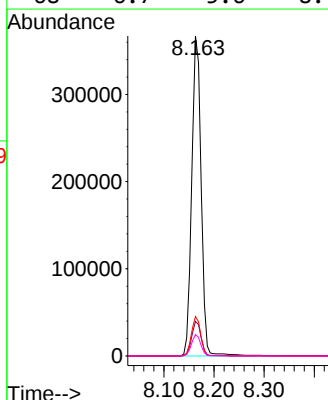
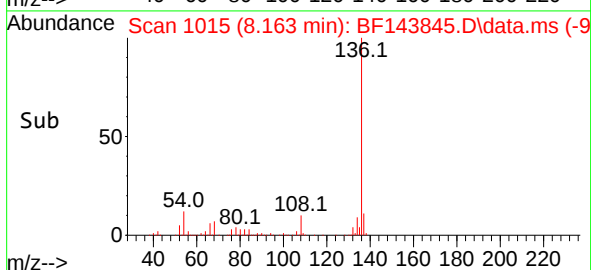
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

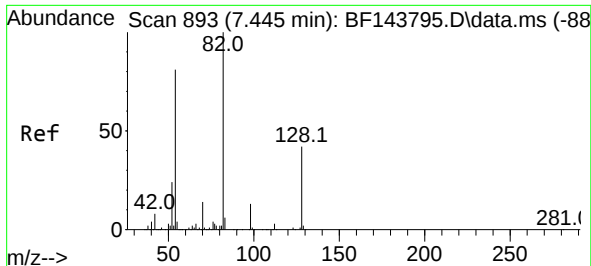


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143845.D
Acq: 30 Sep 2025 21:03



Tgt Ion:136 Resp: 477552
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 12.3 11.2 16.8
68 6.7 5.6 8.4





#23

Nitrobenzene-d5

Concen: 100.701 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF143845.D

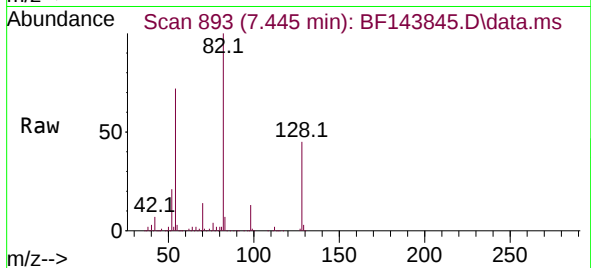
Acq: 30 Sep 2025 21:03

Instrument :

BNA_F

ClientSampleId :

WC-3



Tgt Ion: 82 Resp: 785639

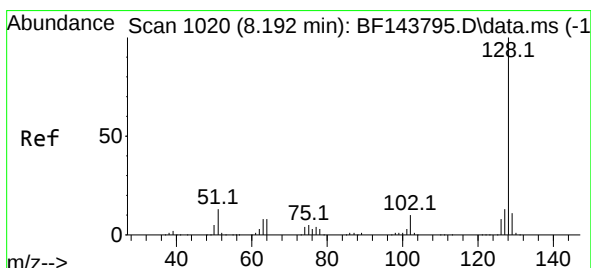
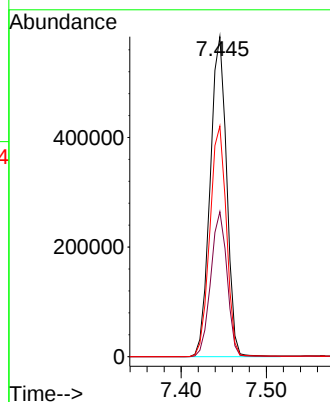
Ion	Ratio	Lower	Upper
82	100		
128	45.3	33.3	49.9
54	72.0	64.2	96.4

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#31

Naphthalene

Concen: 3.168 ng

RT: 8.187 min Scan# 1019

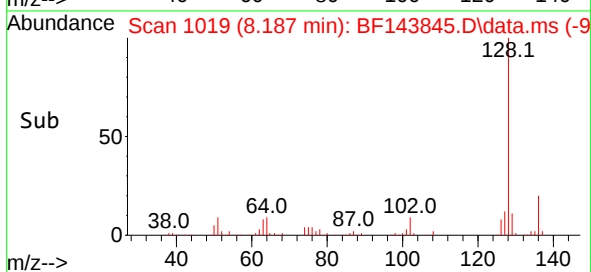
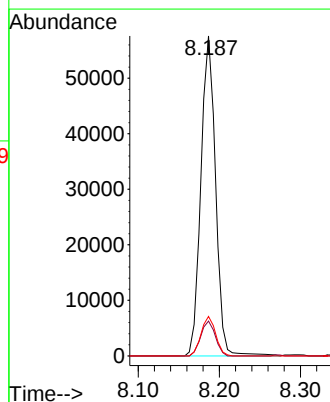
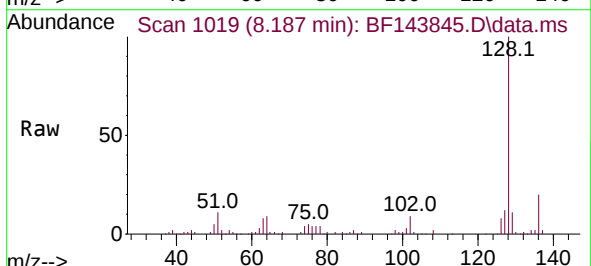
Delta R.T. -0.006 min

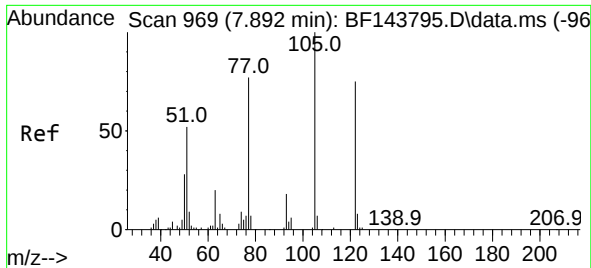
Lab File: BF143845.D

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Tgt Ion:128 Resp: 72419

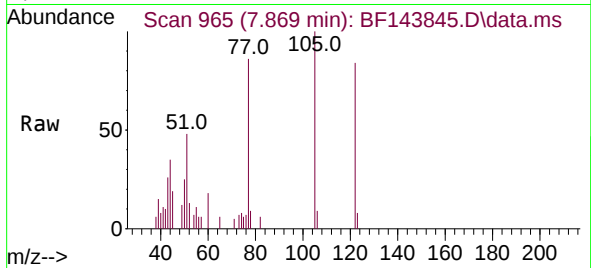
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.3	10.2	15.4





#32
Benzoic acid
Concen: 4.098 ng m
RT: 7.869 min Scan# 965
Delta R.T. -0.053 min
Lab File: BF143845.D
Acq: 30 Sep 2025 21:03

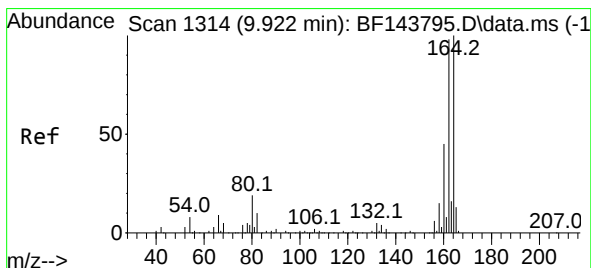
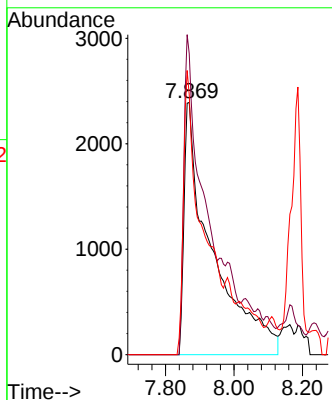
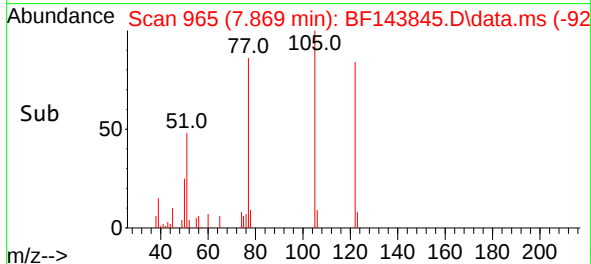
Instrument :
BNA_F
ClientSampleId :
WC-3



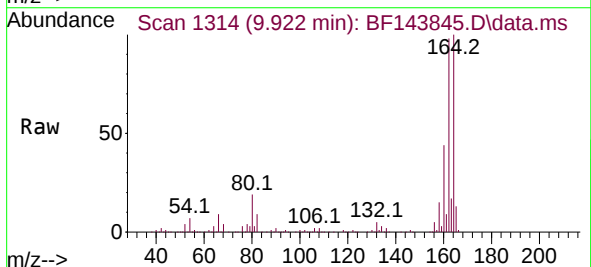
Tgt Ion:122 Resp: 13436
Ion Ratio Lower Upper
122 100
105 119.4 103.7 143.7
77 103.0 78.8 118.8

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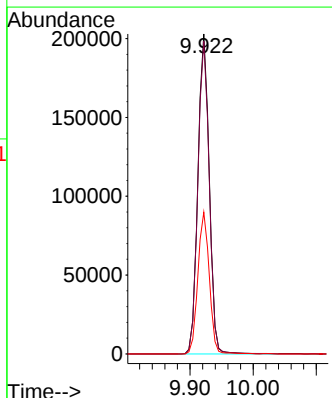
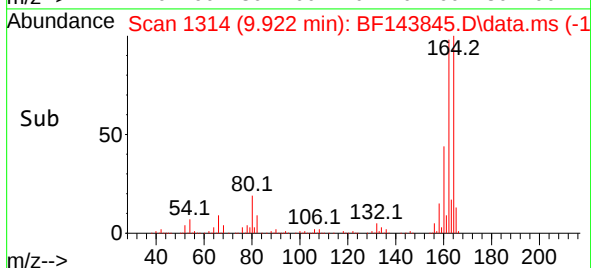
Reviewed By :Rahul Chavli 10/01/2025
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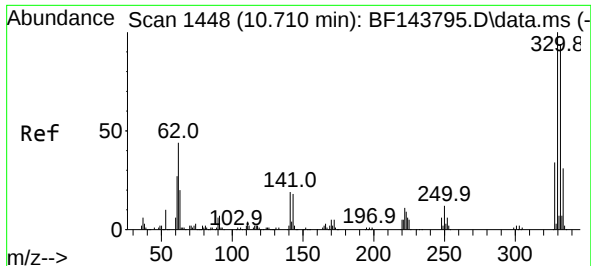


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143845.D
Acq: 30 Sep 2025 21:03



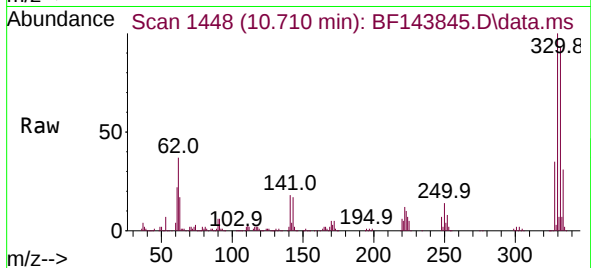
Tgt Ion:164 Resp: 253811
Ion Ratio Lower Upper
164 100
162 97.7 78.8 118.2
160 44.3 35.8 53.6





#42
2,4,6-Tribromophenol
Concen: 161.717 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143845.D
Acq: 30 Sep 2025 21:03

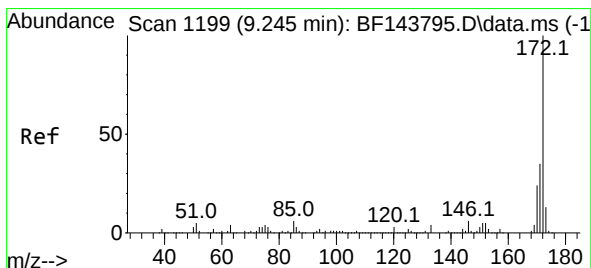
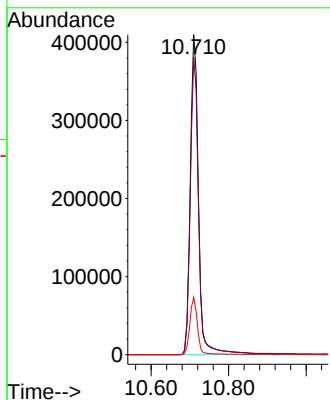
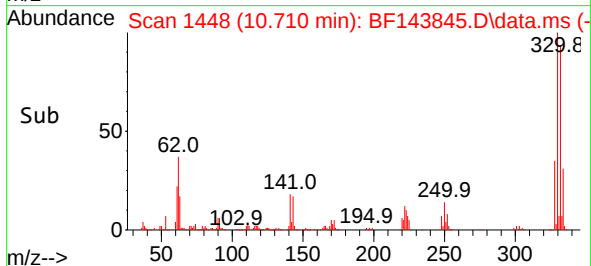
Instrument :
BNA_F
ClientSampleId :
WC-3



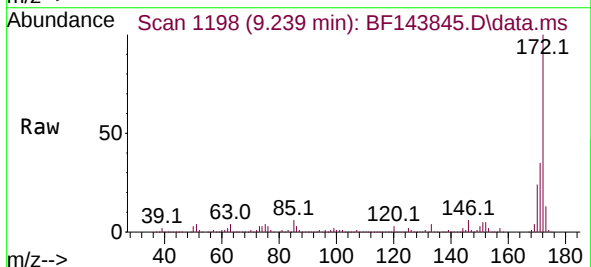
Tgt Ion: 330 Resp: 607746
Ion Ratio Lower Upper
330 100
332 93.1 74.7 112.1
141 16.7 14.3 21.5

Manual Integrations
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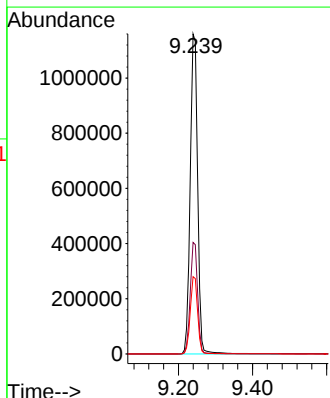
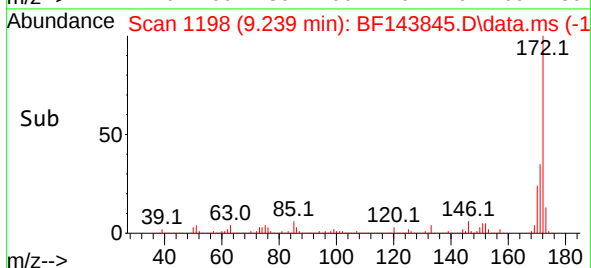
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

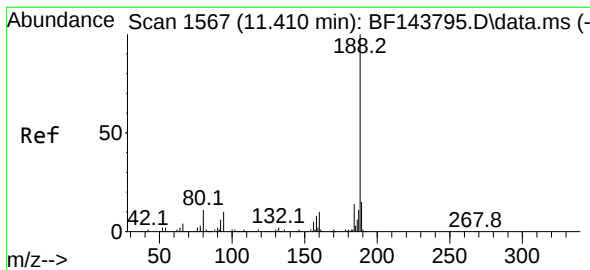


#45
2-Fluorobiphenyl
Concen: 98.882 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF143845.D
Acq: 30 Sep 2025 21:03



Tgt Ion: 172 Resp: 1608295
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 24.1 19.1 28.7





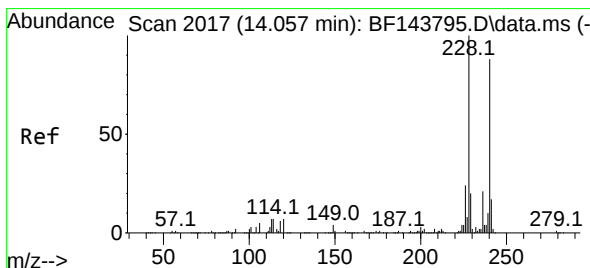
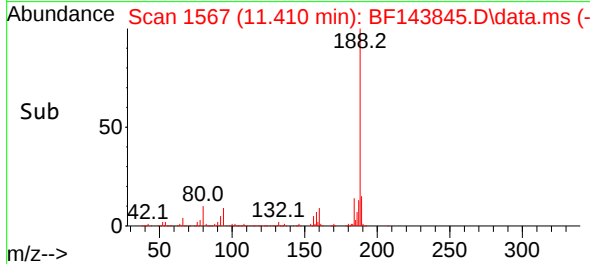
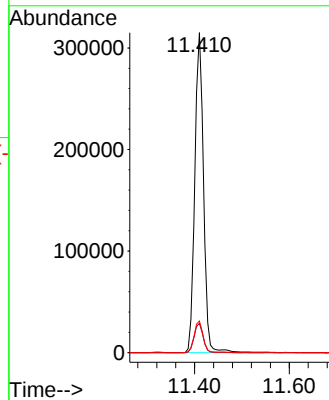
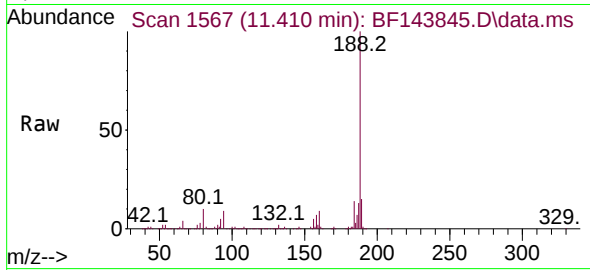
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF143845.D
Acq: 30 Sep 2025 21:03

Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion:188 Resp: 402759
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 9.9 8.6 12.8

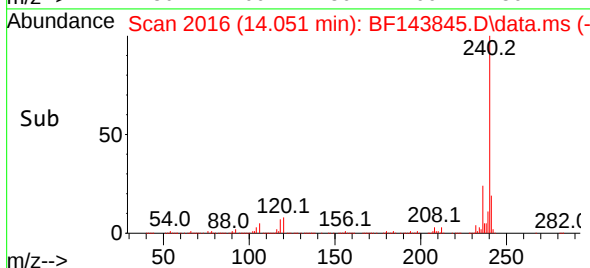
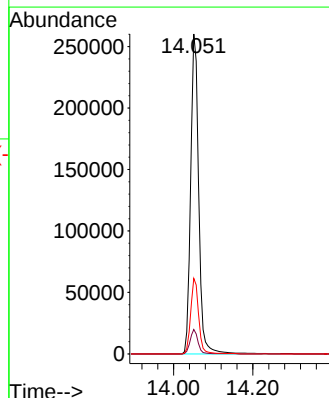
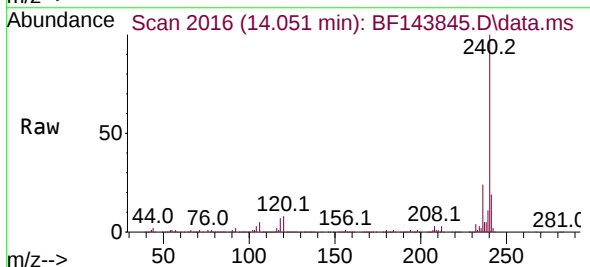
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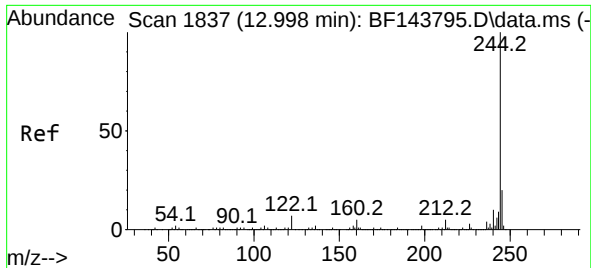
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143845.D
Acq: 30 Sep 2025 21:03

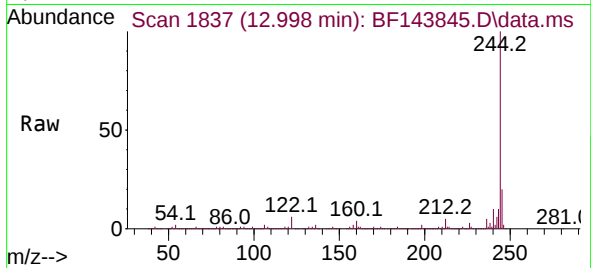
Tgt Ion:240 Resp: 366885
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.4
236 23.6 19.4 29.2





#79
 Terphenyl-d14
 Concen: 121.292 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF143845.D
 Acq: 30 Sep 2025 21:03

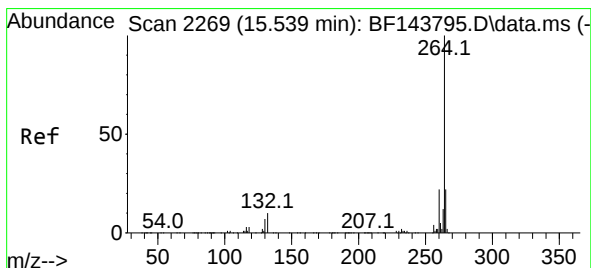
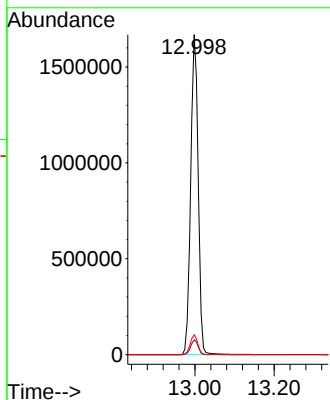
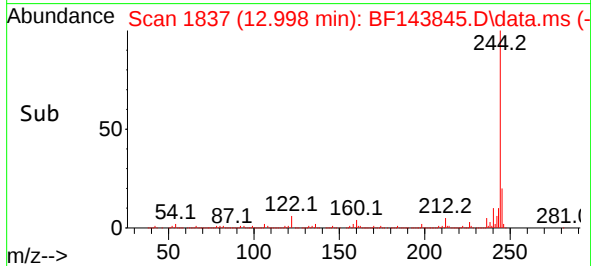
Instrument :
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Tgt Ion:244 Resp: 2188088
 Ion Ratio Lower Upper
 244 100
 212 4.6 3.9 5.9
 122 6.2 5.6 8.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF143845.D
 Acq: 30 Sep 2025 21:03

Tgt Ion:264 Resp: 540742
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.9 26.9
 265 22.0 17.7 26.5

