

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143844.D
 Acq On : 30 Sep 2025 20:33
 Operator : RC/JU
 Sample : Q3231-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Manual Integrations
 APPROVED

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

Quant Time: Oct 01 02:36:40 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	6.886	152	119755	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	445493	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	232539	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	373873	20.000	ng	0.00
76) Chrysene-d12	14.051	240	318319	20.000	ng	-0.01
86) Perylene-d12	15.533	264	494893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1061342	143.991	ng	0.01
7) Phenol-d6	6.504	99	1200828	140.999	ng	0.00
23) Nitrobenzene-d5	7.445	82	777602	106.844	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	596664	173.292	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1575774	105.745	ng	0.00
79) Terphenyl-d14	12.998	244	2027553	129.541	ng	0.00
Target Compounds						
32) Benzoic acid	7.863	122	13704m	4.481	ng	Qvalue

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

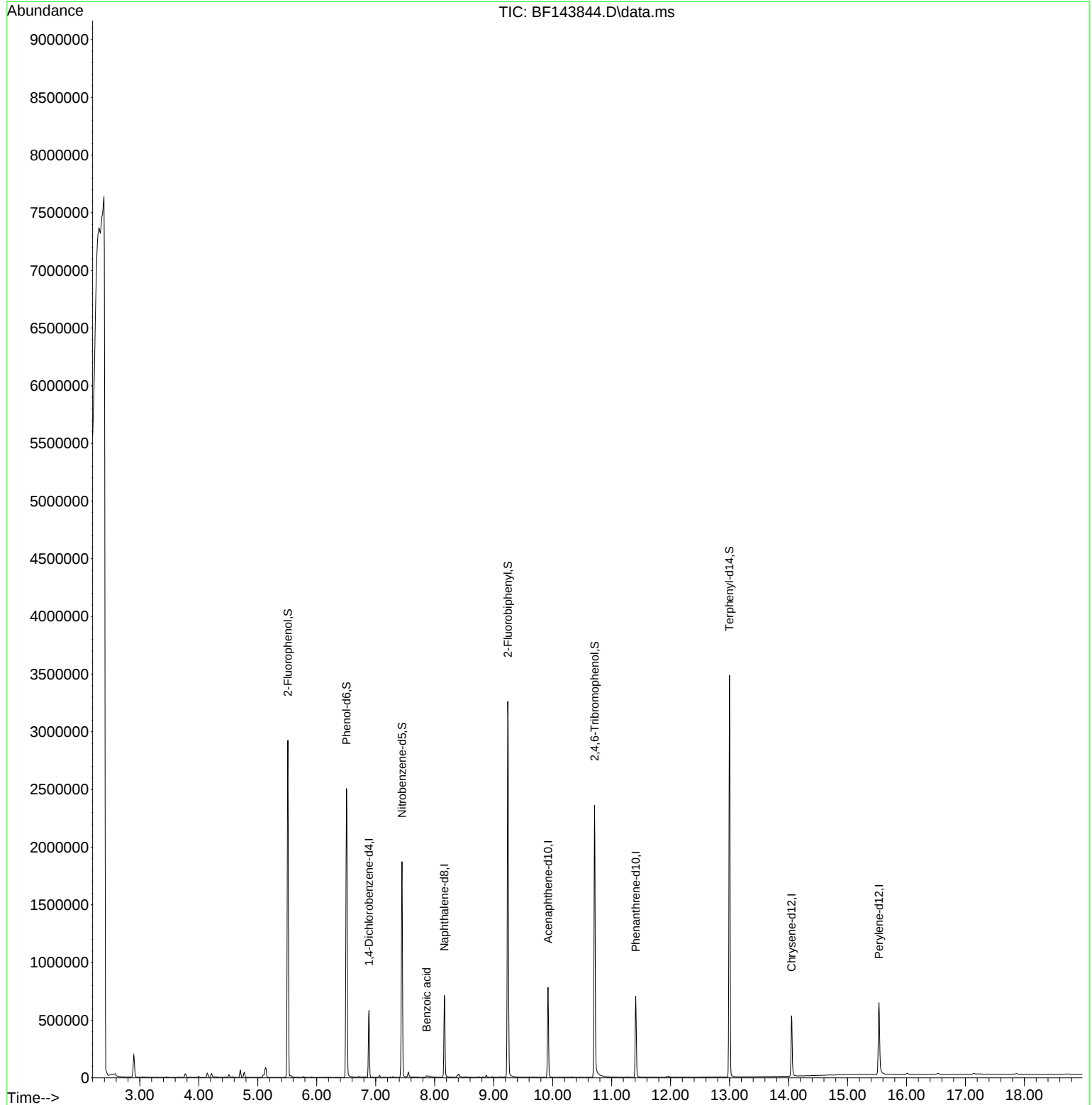
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
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ALS Vial : 16 Sample Multiplier: 1

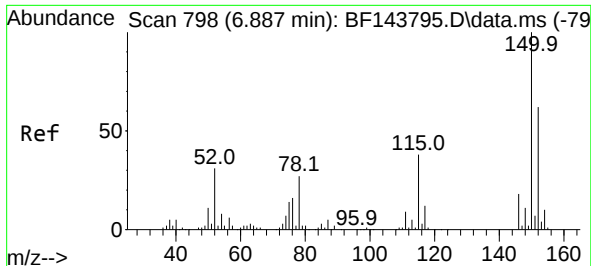
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
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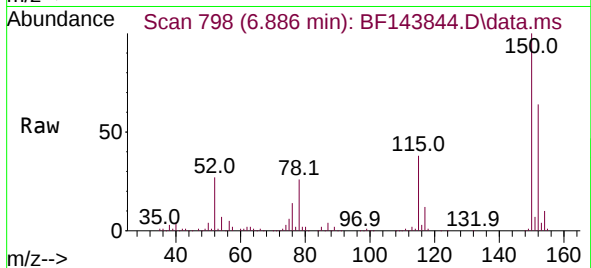
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 798
Delta R.T. -0.001 min
Lab File: BF143844.D
Acq: 30 Sep 2025 20:33

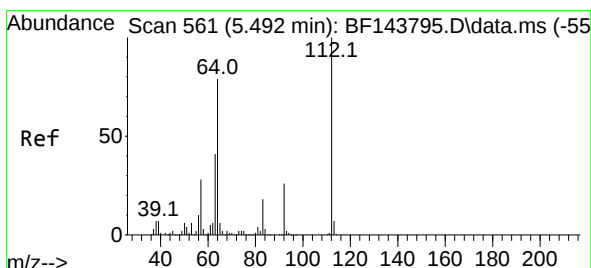
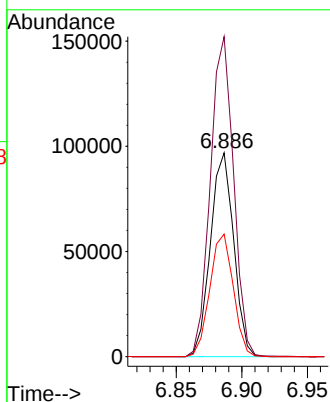
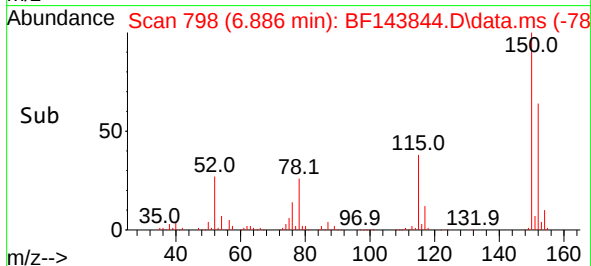
Instrument :
BNA_F
ClientSampleId :
WC-2



Tgt Ion:152 Resp: 119758
Ion Ratio Lower Upper
152 100
150 157.0 129.6 194.4
115 60.1 49.0 73.4

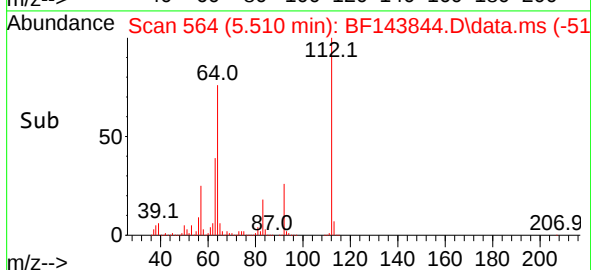
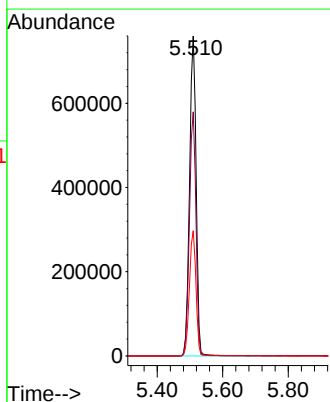
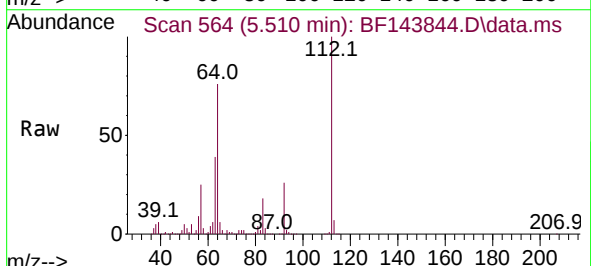
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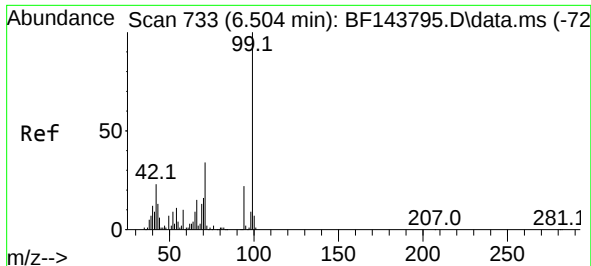
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#5
2-Fluorophenol
Concen: 143.991 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143844.D
Acq: 30 Sep 2025 20:33

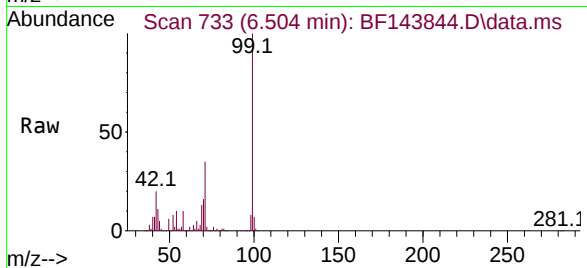
Tgt Ion:112 Resp: 1061342
Ion Ratio Lower Upper
112 100
64 76.3 63.0 94.4
63 39.1 32.6 49.0





#7
Phenol-d6
Concen: 140.999 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143844.D
Acq: 30 Sep 2025 20:33

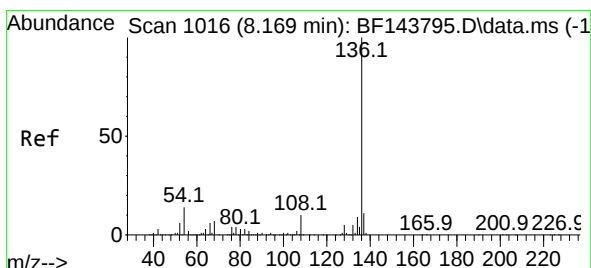
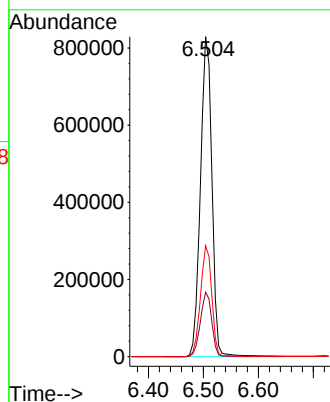
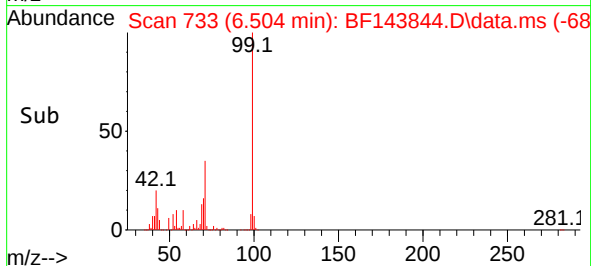
Instrument :
BNA_F
ClientSampleId :
WC-2



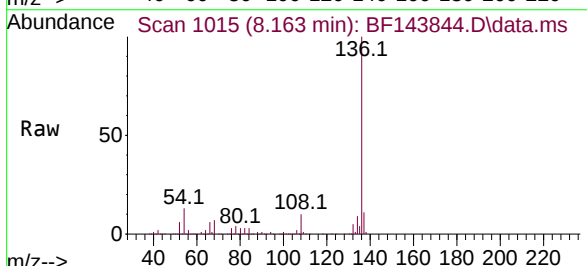
Tgt Ion: 99 Resp: 1200828
Ion Ratio Lower Upper
99 100
42 20.1 18.6 28.0
71 34.7 27.0 40.4

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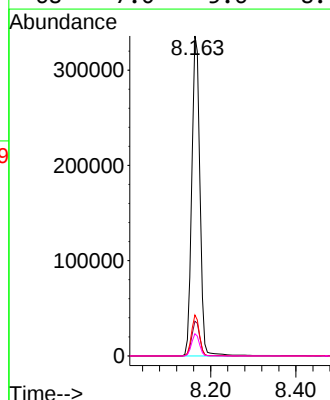
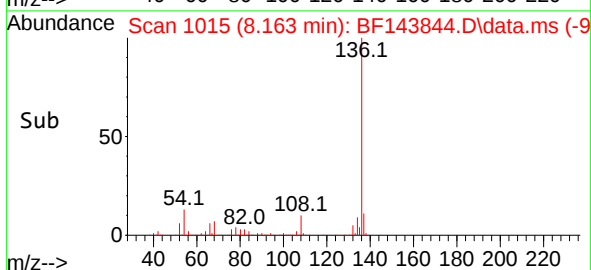
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

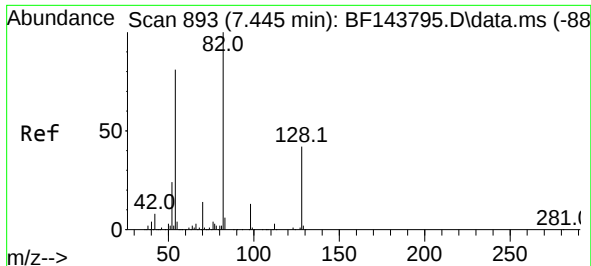


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143844.D
Acq: 30 Sep 2025 20:33



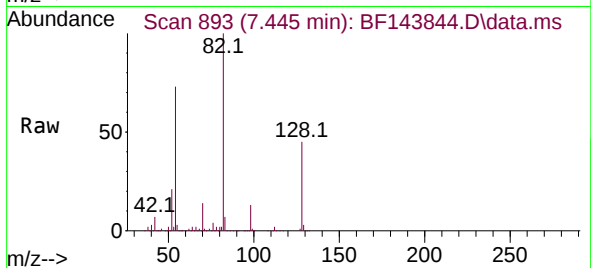
Tgt Ion:136 Resp: 445493
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 12.8 11.2 16.8
68 7.0 5.6 8.4





#23
Nitrobenzene-d5
Concen: 106.844 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143844.D
Acq: 30 Sep 2025 20:33

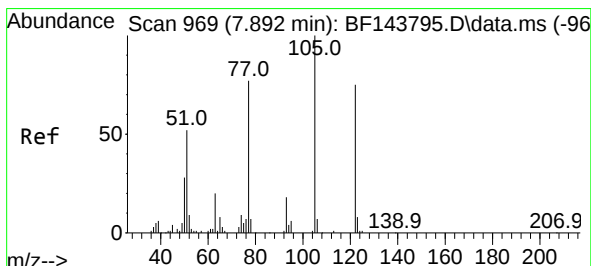
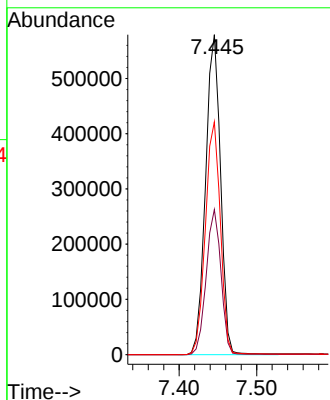
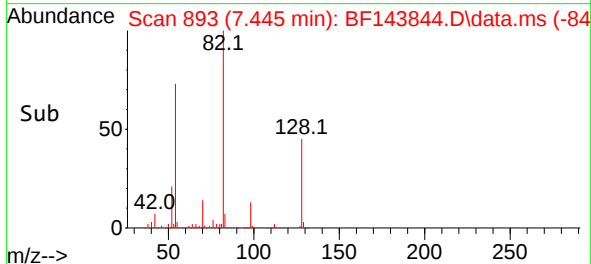
Instrument :
BNA_F
ClientSampleId :
WC-2



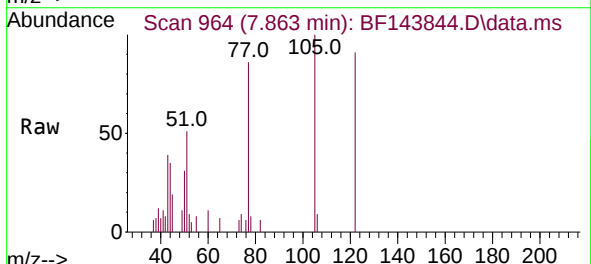
Tgt Ion: 82 Resp: 777602
Ion Ratio Lower Upper
82 100
128 45.4 33.3 49.9
54 72.7 64.2 96.4

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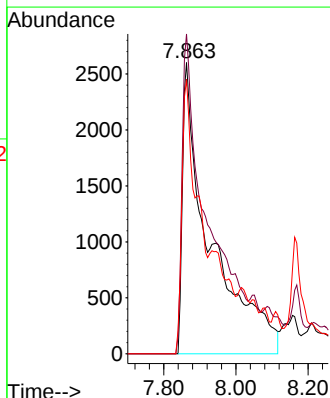
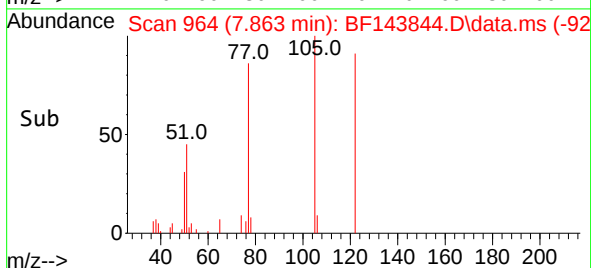
Reviewed By :Rahul Chavli 10/01/2025
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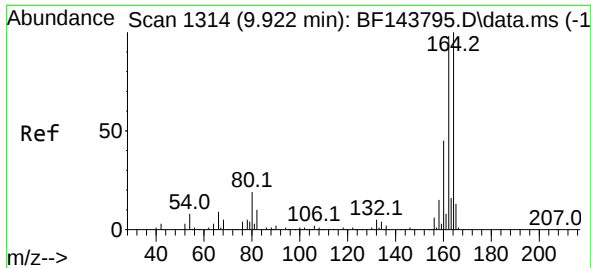


#32
Benzoic acid
Concen: 4.481 ng m
RT: 7.863 min Scan# 964
Delta R.T. -0.059 min
Lab File: BF143844.D
Acq: 30 Sep 2025 20:33



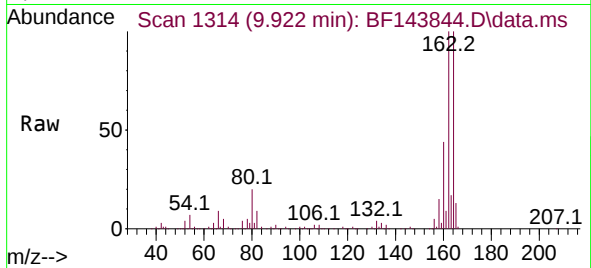
Tgt Ion:122 Resp: 13704
Ion Ratio Lower Upper
122 100
105 109.8 103.7 143.7
77 94.2 78.8 118.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143844.D
Acq: 30 Sep 2025 20:33

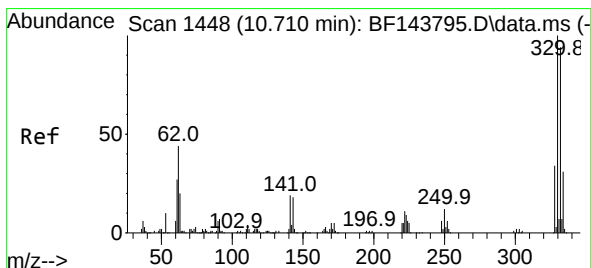
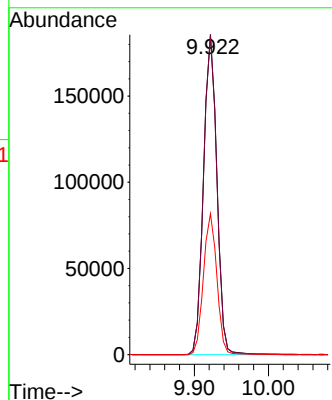
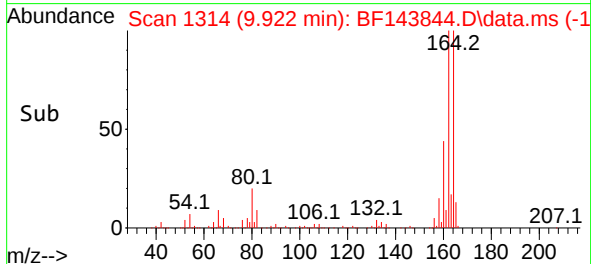
Instrument :
BNA_F
ClientSampleId :
WC-2



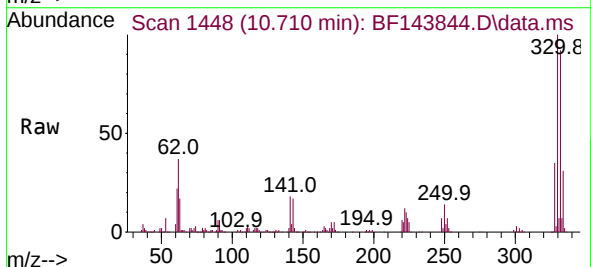
Tgt Ion:164 Resp: 232539
Ion Ratio Lower Upper
164 100
162 100.0 78.8 118.2
160 44.0 35.8 53.6

Manual Integrations
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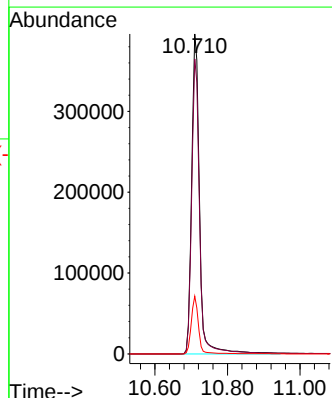
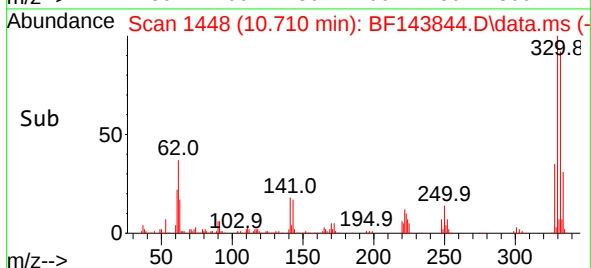
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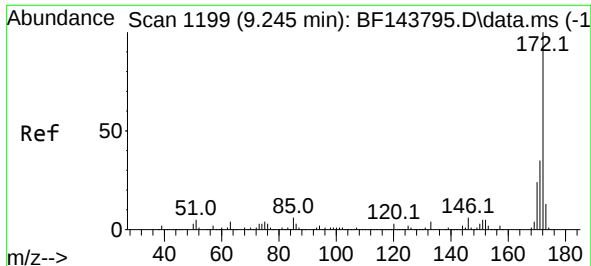


#42
2,4,6-Tribromophenol
Concen: 173.292 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143844.D
Acq: 30 Sep 2025 20:33



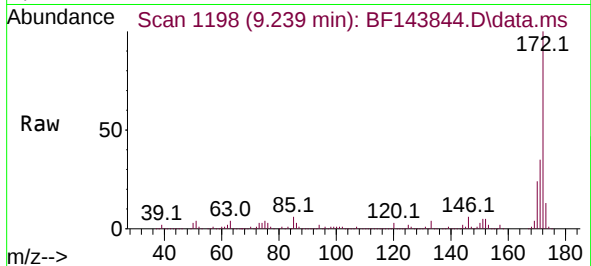
Tgt Ion:330 Resp: 596664
Ion Ratio Lower Upper
330 100
332 92.2 74.7 112.1
141 16.4 14.3 21.5





#45
2-Fluorobiphenyl
Concen: 105.745 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143844.D
Acq: 30 Sep 2025 20:33

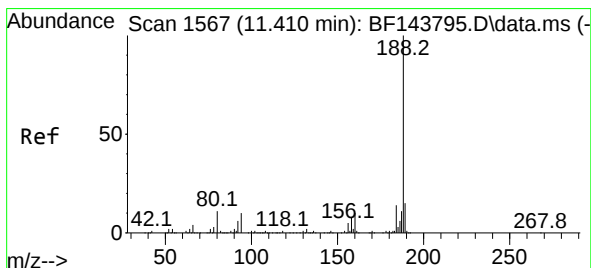
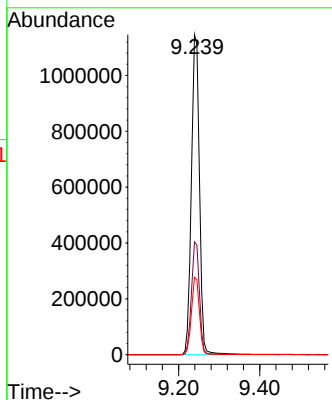
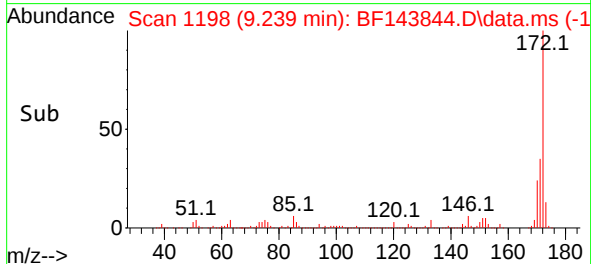
Instrument :
BNA_F
ClientSampleId :
WC-2



Tgt Ion:172 Resp: 1575774
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 24.2 19.1 28.7

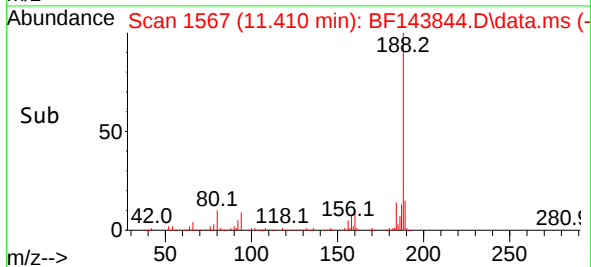
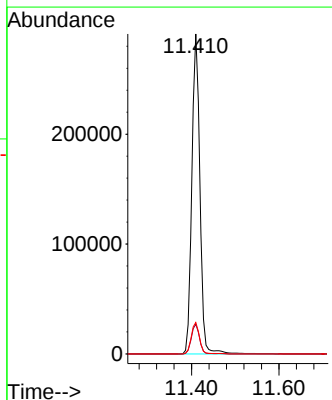
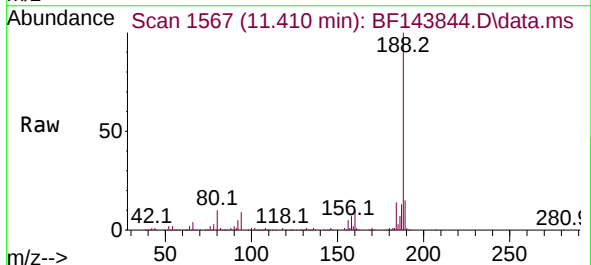
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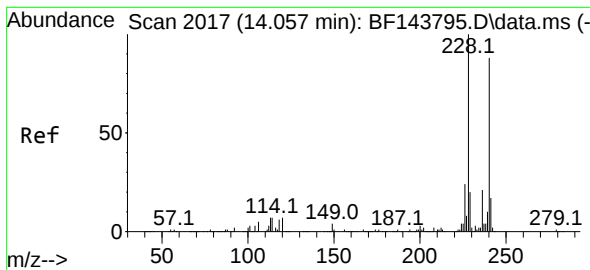
Reviewed By :Rahul Chavli 10/01/2025
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143844.D
Acq: 30 Sep 2025 20:33

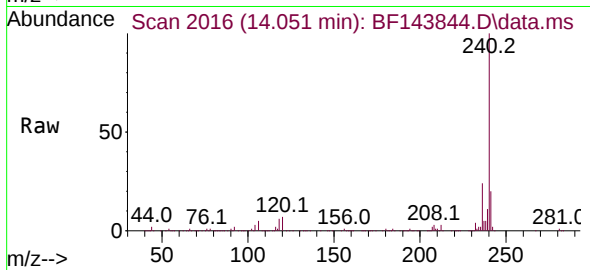
Tgt Ion:188 Resp: 373873
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 9.8 8.6 12.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF143844.D
Acq: 30 Sep 2025 20:33

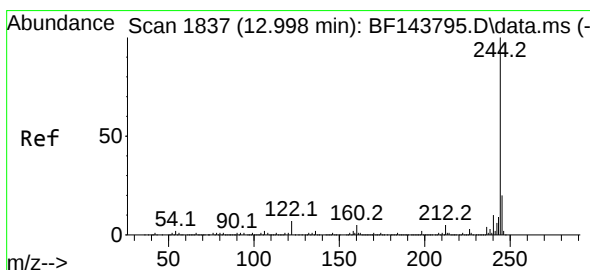
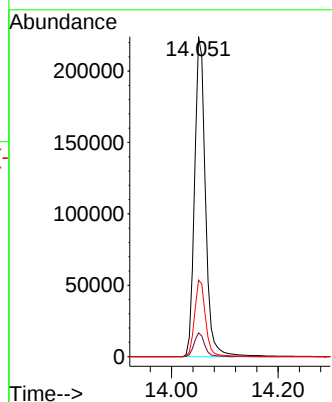
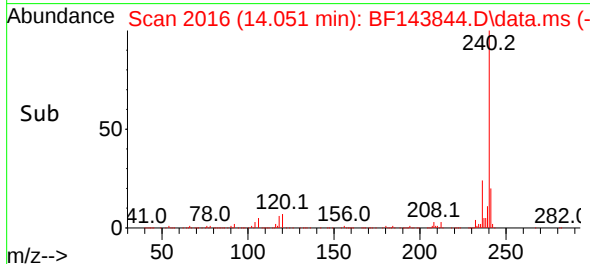
Instrument :
BNA_F
ClientSampleId :
WC-2



Tgt Ion:240 Resp: 318319
Ion Ratio Lower Upper
240 100
120 7.5 6.2 9.4
236 23.9 19.4 29.2

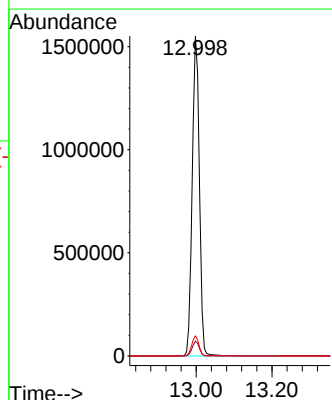
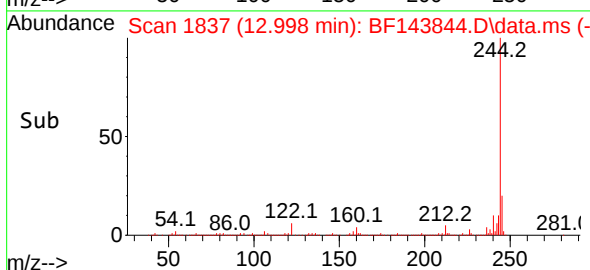
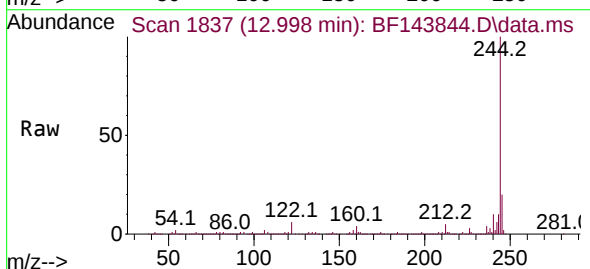
Manual Integrations
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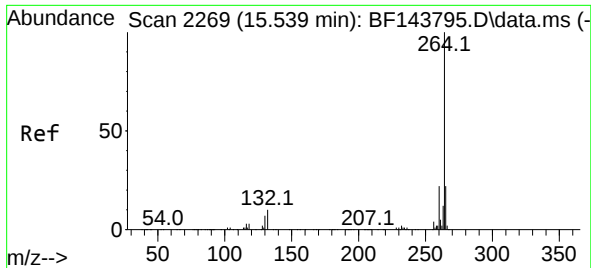
Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025



#79
Terphenyl-d14
Concen: 129.541 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF143844.D
Acq: 30 Sep 2025 20:33

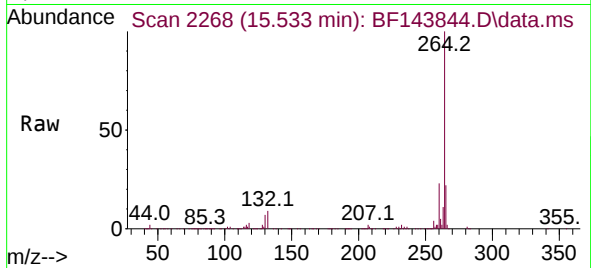
Tgt Ion:244 Resp: 2027553
Ion Ratio Lower Upper
244 100
212 4.6 3.9 5.9
122 6.2 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF143844.D
 Acq: 30 Sep 2025 20:33

Instrument :
 BNA_F
 ClientSampleId :
 WC-2



Tgt Ion:264 Resp: 494893
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.9 26.9
 265 22.3 17.7 26.5

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