

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
 Data File : BF142194.D
 Acq On : 31 Mar 2025 21:55
 Operator : RC/JU
 Sample : Q1671-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 04/01/2025
 Supervised By :Jagrut Upadhyay 04/01/2025

Quant Time: Apr 01 00:49:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	99301	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	377149	20.000	ng	-0.02
39) Acenaphthene-d10	9.904	164	189878	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	279944m	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	246075	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	295023	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	505066	84.887	ng	-0.01
7) Phenol-d6	6.487	99	658222	86.888	ng	-0.02
23) Nitrobenzene-d5	7.422	82	399134	59.556	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	193201	80.205	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	853373	68.350	ng	-0.02
79) Terphenyl-d14	12.974	244	741560	44.554	ng	-0.01

Target Compounds	Qvalue

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

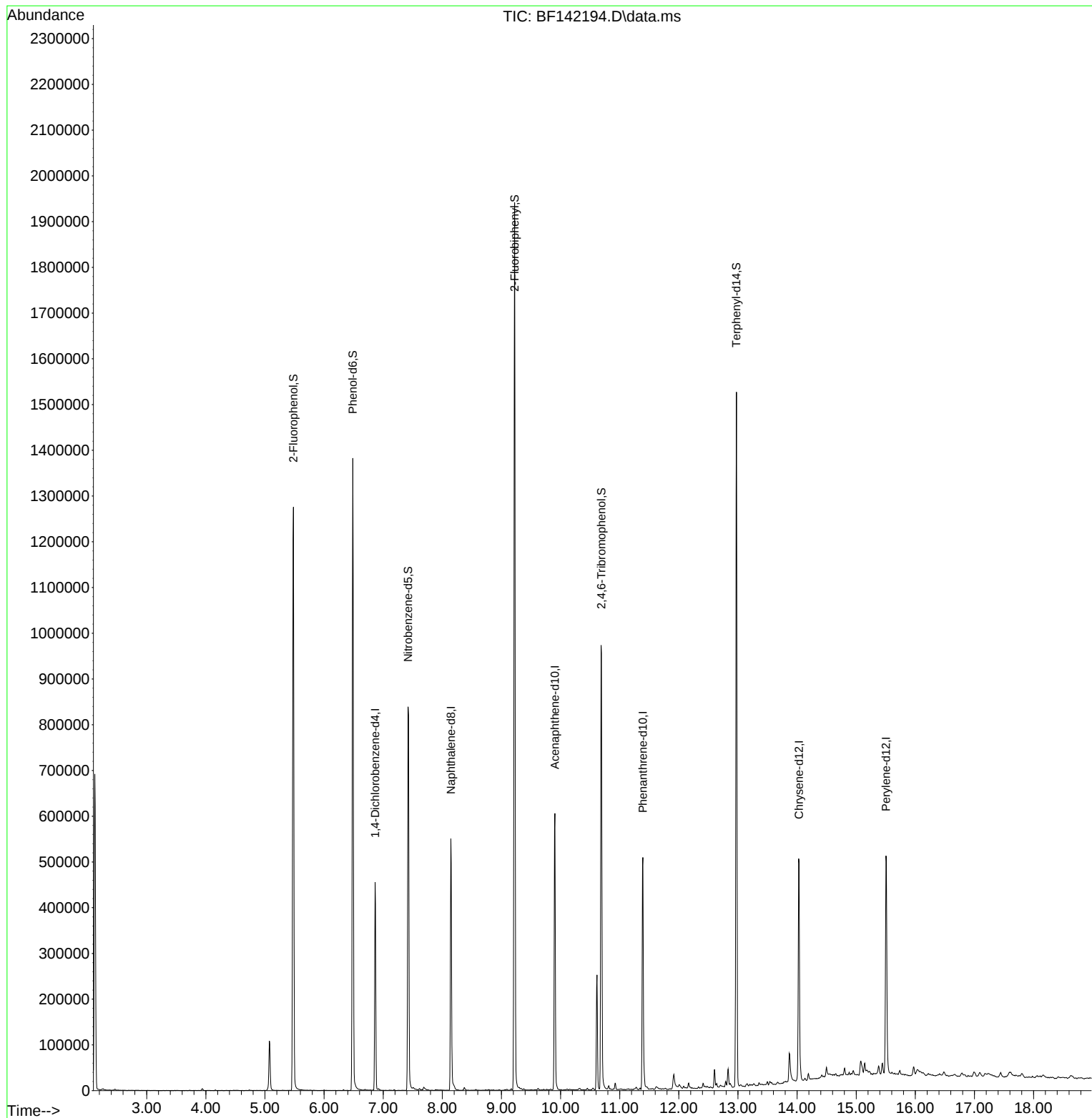
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Data File : BF142194.D
Acq On : 31 Mar 2025 21:55
Operator : RC/JU
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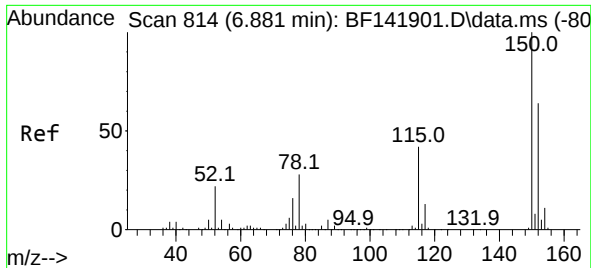
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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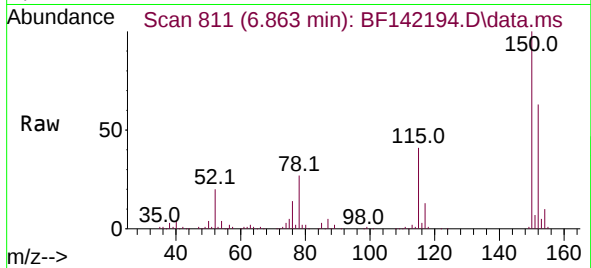
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 814
Delta R.T. -0.018 min
Lab File: BF142194.D
Acq: 31 Mar 2025 21:55

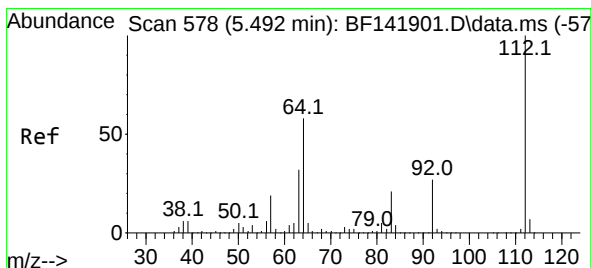
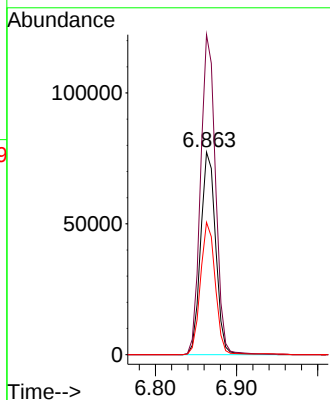
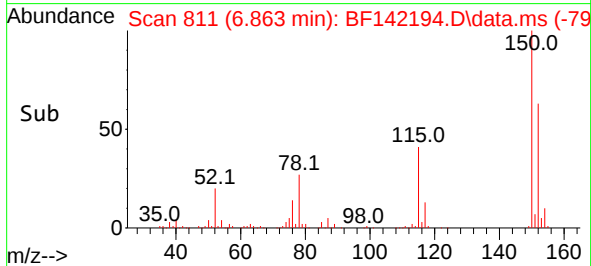
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:152 Resp: 9930
Ion Ratio Lower Upper
152 100
150 158.0 127.4 191.2
115 65.4 51.9 77.9

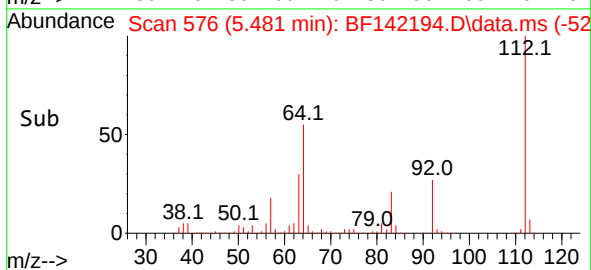
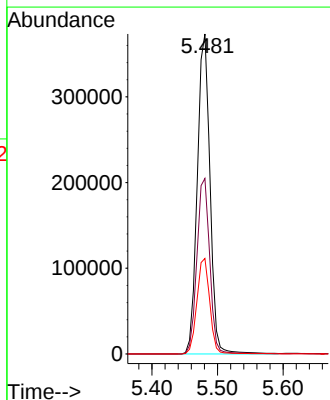
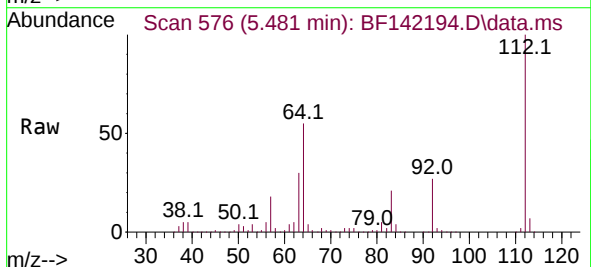
Manual Integrations
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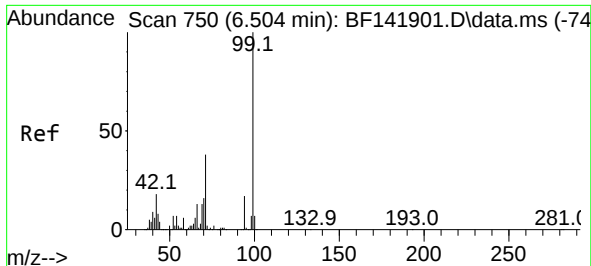
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#5
2-Fluorophenol
Concen: 84.887 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF142194.D
Acq: 31 Mar 2025 21:55

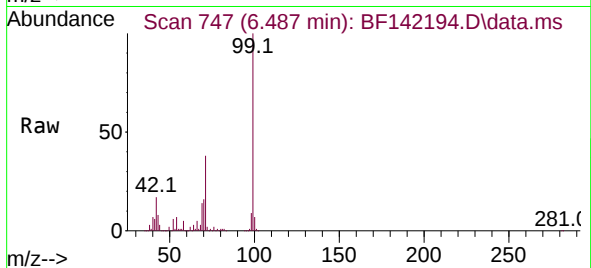
Tgt Ion:112 Resp: 505066
Ion Ratio Lower Upper
112 100
64 54.8 46.5 69.7
63 29.9 25.4 38.2





#7
Phenol-d6
Concen: 86.888 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF142194.D
Acq: 31 Mar 2025 21:55

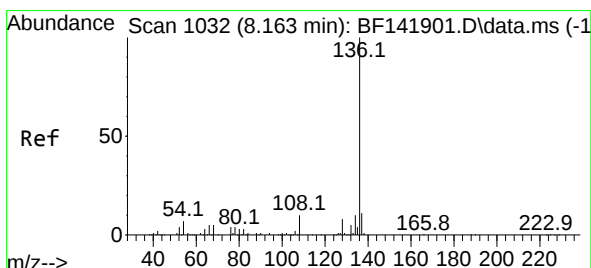
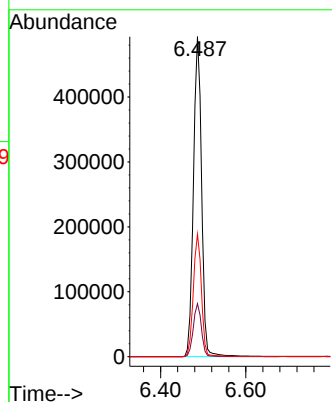
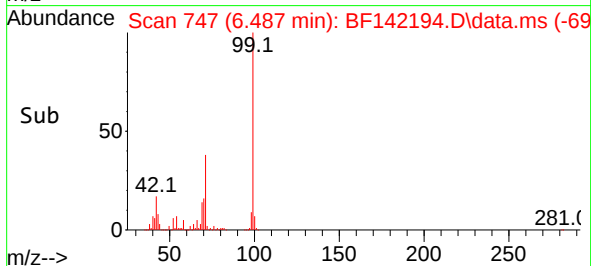
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion: 99 Resp: 65822
Ion Ratio Lower Upper
99 100
42 16.5 14.6 21.8
71 38.3 30.8 46.2

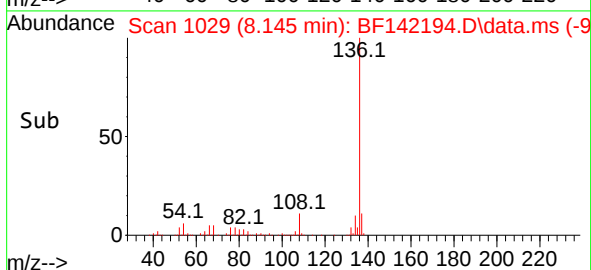
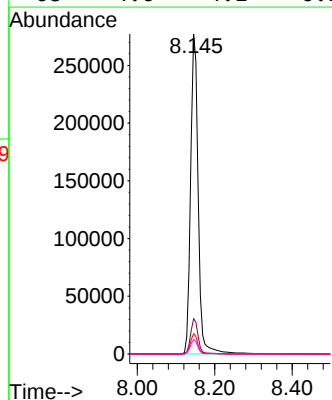
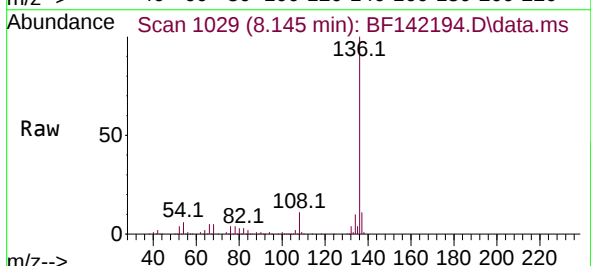
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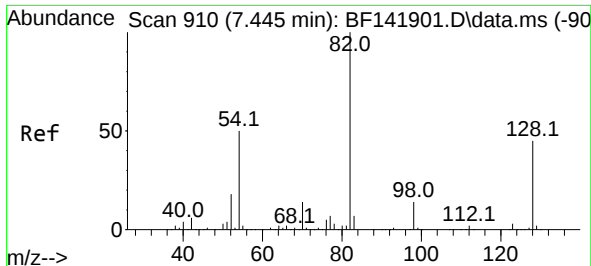
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF142194.D
Acq: 31 Mar 2025 21:55

Tgt Ion:136 Resp: 377149
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.3 5.8 8.8
68 4.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 59.556 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.024 min

Lab File: BF142194.D

Acq: 31 Mar 2025 21:55

Instrument :

BNA_F

ClientSampleId :

WC-1

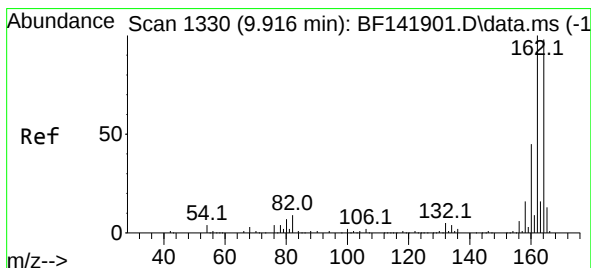
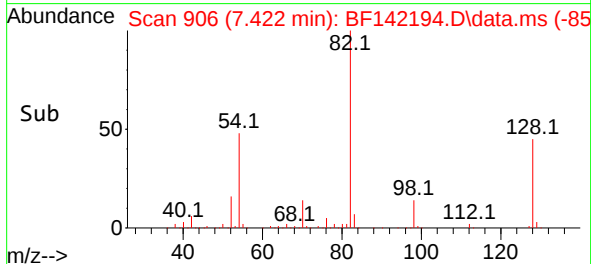
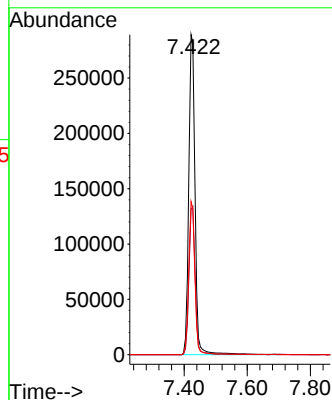
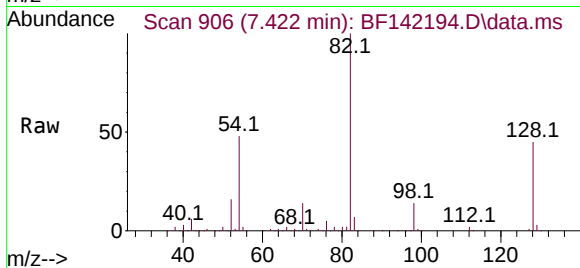
Tgt Ion: 82 Resp: 399134

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.0	54.0
54	47.9	39.6	59.4

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

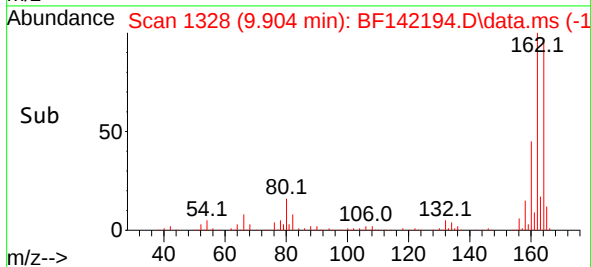
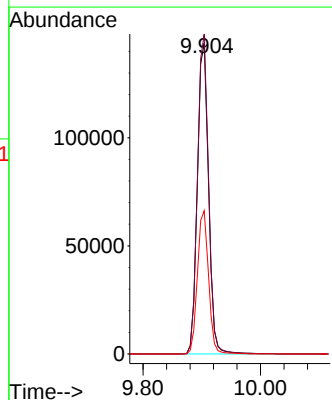
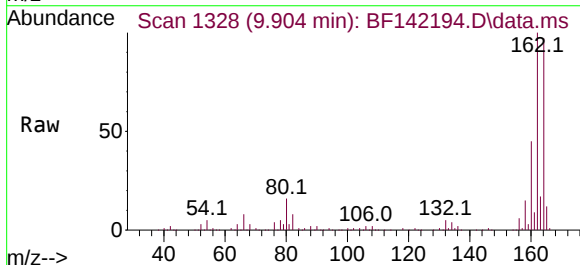
Delta R.T. -0.012 min

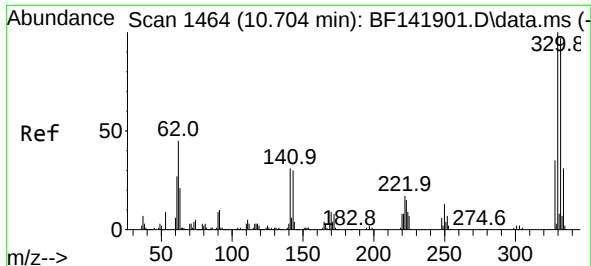
Lab File: BF142194.D

Acq: 31 Mar 2025 21:55

Tgt Ion:164 Resp: 189878

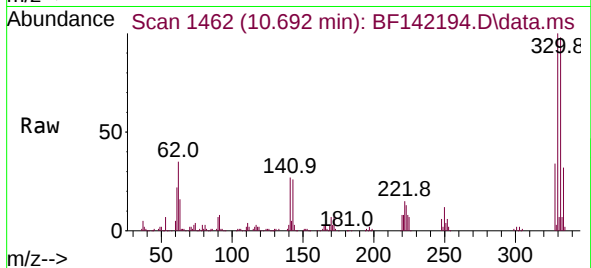
Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.8	122.6
160	46.0	36.7	55.1





#42
2,4,6-Tribromophenol
Concen: 80.205 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF142194.D
Acq: 31 Mar 2025 21:55

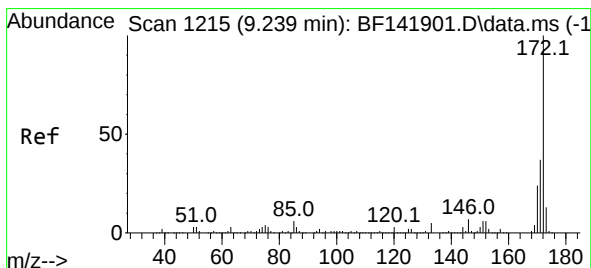
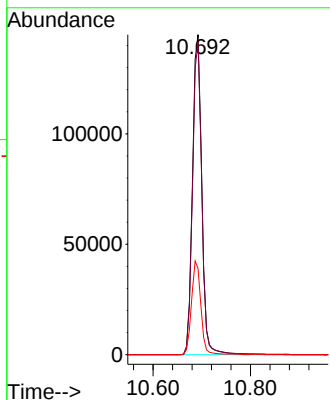
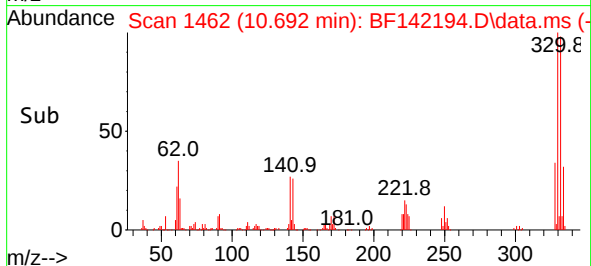
Instrument :
BNA_F
ClientSampleId :
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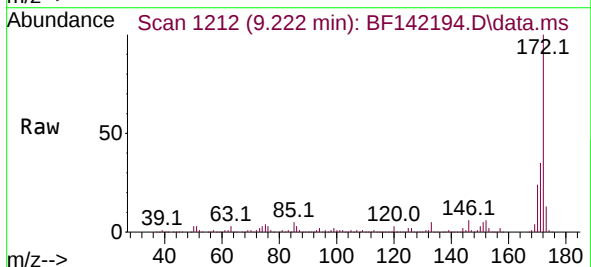
Tgt Ion:330 Resp: 19320
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 29.4 24.7 37.1

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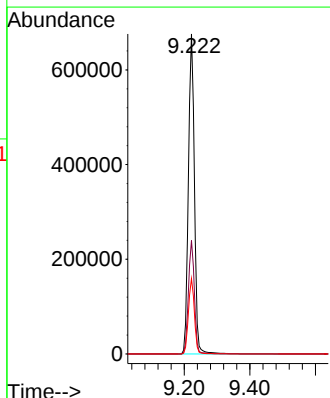
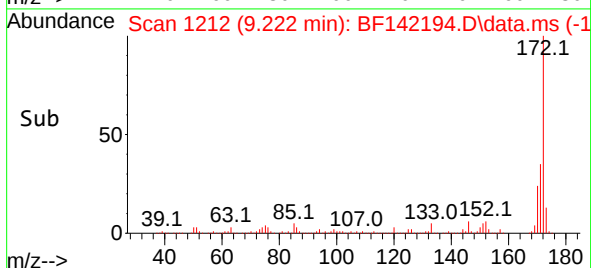
Reviewed By :Anahy Claudio 04/01/2025
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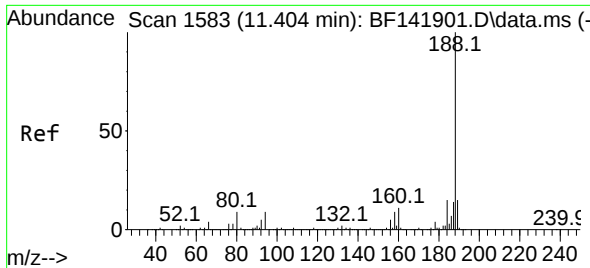


#45
2-Fluorobiphenyl
Concen: 68.350 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.018 min
Lab File: BF142194.D
Acq: 31 Mar 2025 21:55



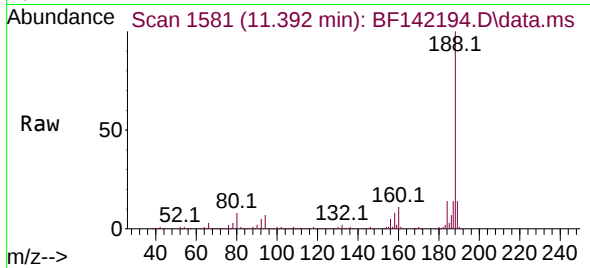
Tgt Ion:172 Resp: 853373
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 23.6 19.4 29.0





#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142194.D
Acq: 31 Mar 2025 21:55

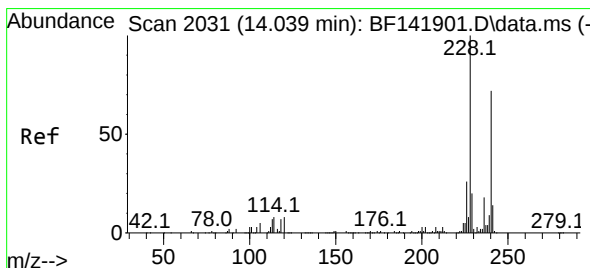
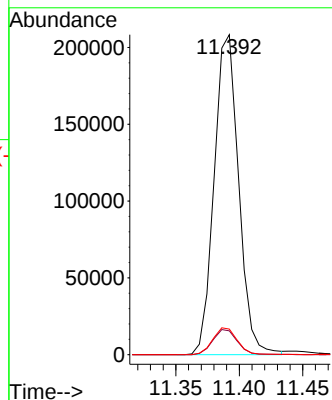
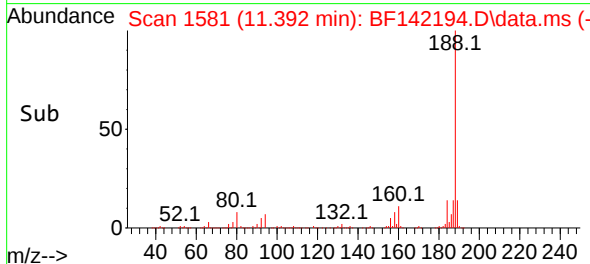
Instrument :
BNA_F
ClientSampleId :
WC-1



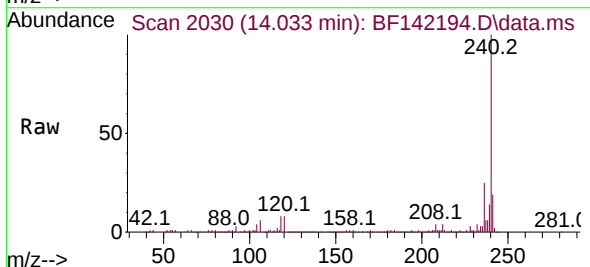
Tgt Ion:188 Resp: 279944
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 8.0 7.6 11.4

Manual Integrations
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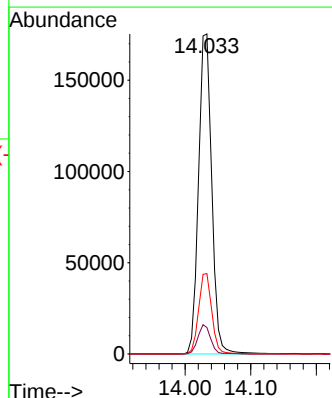
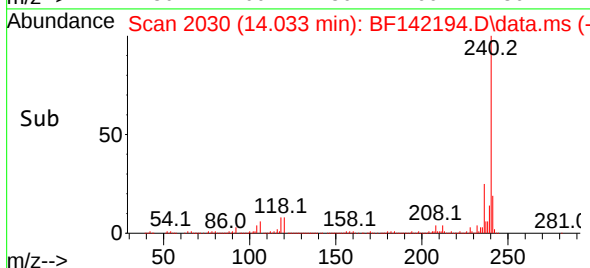
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025

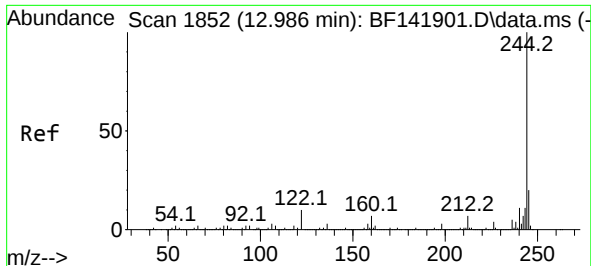


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142194.D
Acq: 31 Mar 2025 21:55



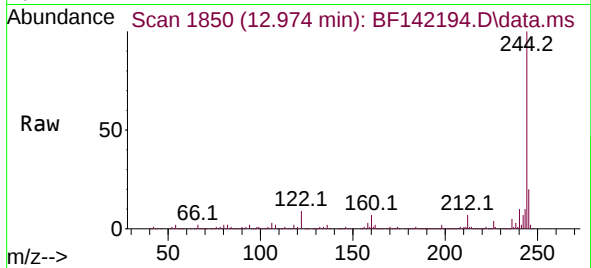
Tgt Ion:240 Resp: 246075
Ion Ratio Lower Upper
240 100
120 8.3 8.4 12.6#
236 25.1 20.5 30.7





#79
 Terphenyl-d14
 Concen: 44.554 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.012 min
 Lab File: BF142194.D
 Acq: 31 Mar 2025 21:55

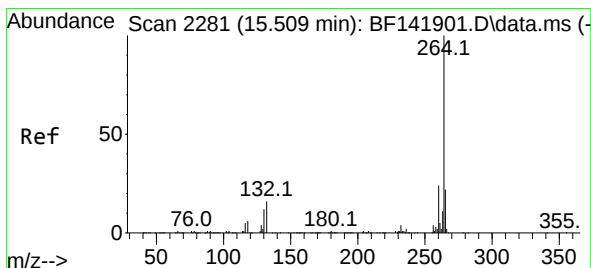
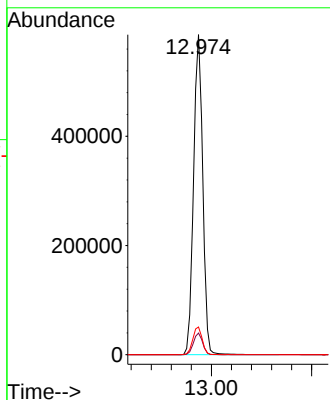
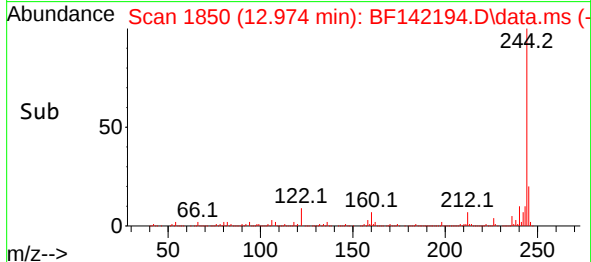
Instrument :
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Tgt Ion:244 Resp: 741560
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 8.6 7.7 11.5

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF142194.D
 Acq: 31 Mar 2025 21:55

Tgt Ion:264 Resp: 295023
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.3 17.5 26.3

