

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142163.D
 Acq On : 28 Mar 2025 16:35
 Operator : RC/JU
 Sample : Q1662-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Mar 28 16:58:55 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

Manual Integrations
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Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 03/31/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	141234	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	583550	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	329645	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	523823	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	304790	20.000	ng	0.00
86) Perylene-d12	15.510	264	323130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	447011	52.823	ng	0.00
7) Phenol-d6	6.492	99	518857	48.156	ng	-0.01
23) Nitrobenzene-d5	7.428	82	394210	38.017	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	187688	44.880	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	866233	39.963	ng	-0.01
79) Terphenyl-d14	12.974	244	783457	38.003	ng	-0.01
Target Compounds						
77) Benzidine	12.733	184	23926m	5.626	ng	Qvalue

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

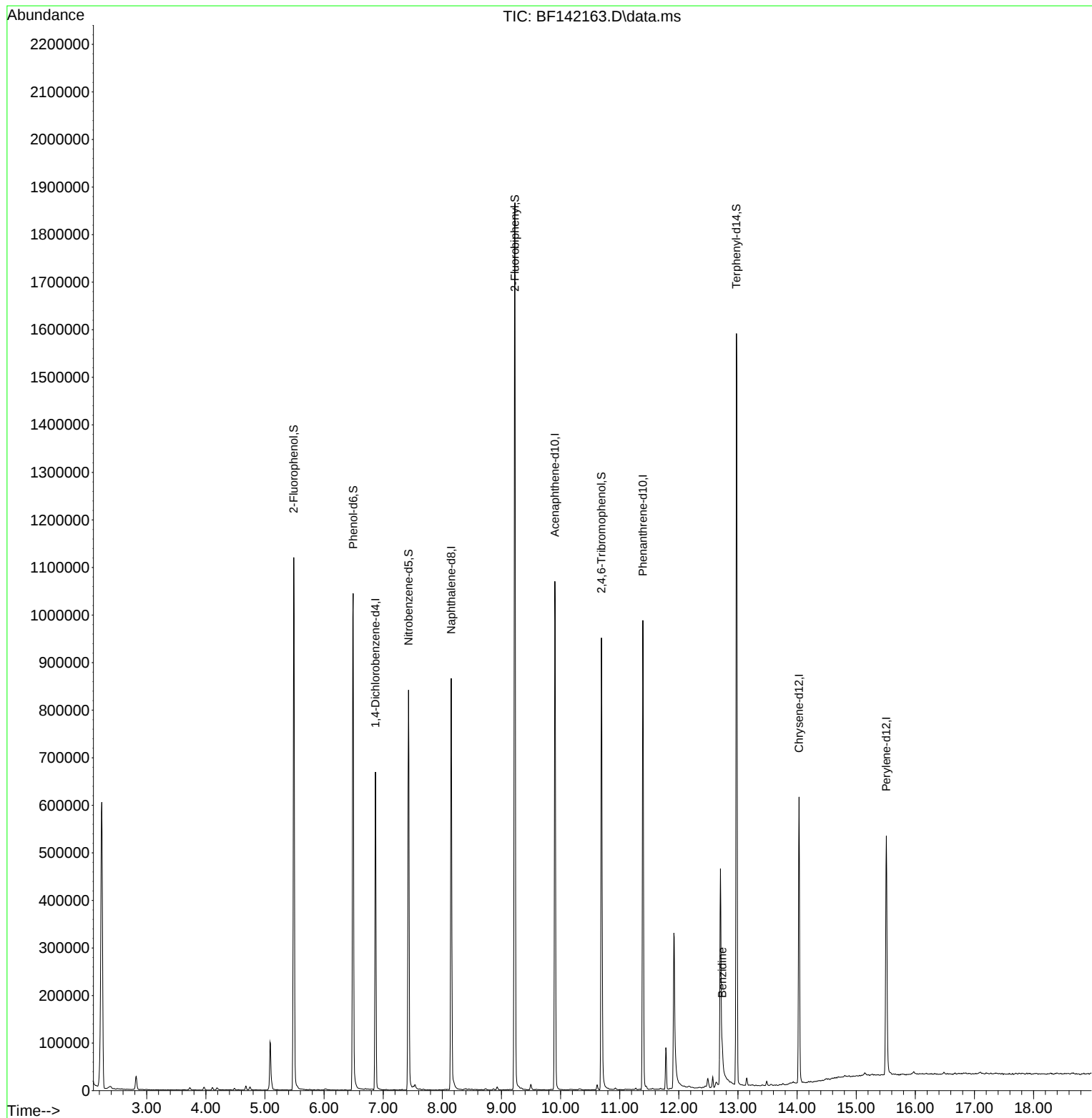
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
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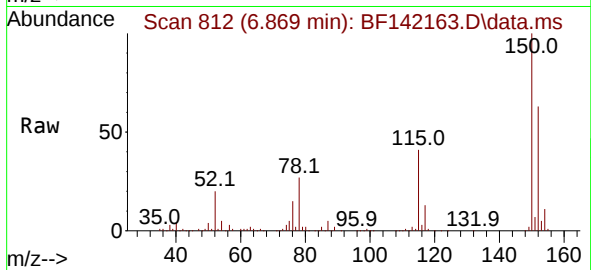
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142163.D
Acq: 28 Mar 2025 16:35

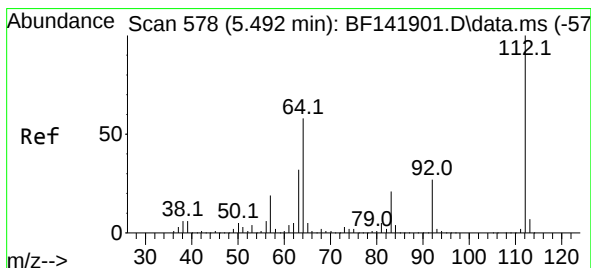
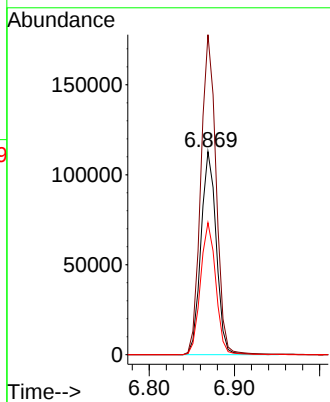
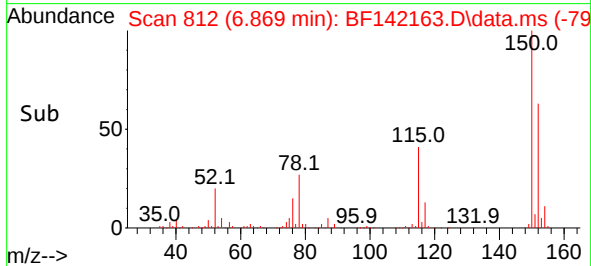
Instrument :
BNA_F
ClientSampleId :
TP-6



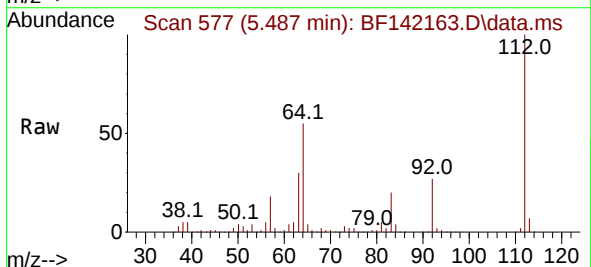
Tgt Ion:152 Resp: 141234
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.2
115 65.0 51.9 77.9

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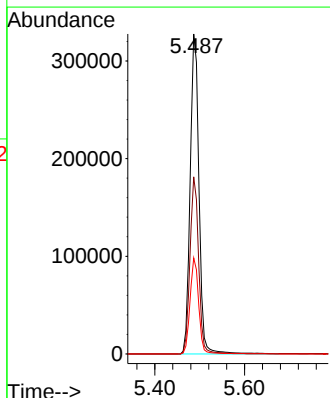
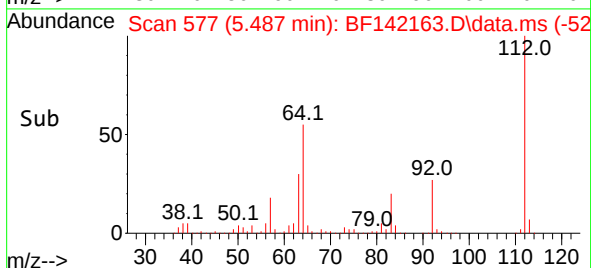
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#5
2-Fluorophenol
Concen: 52.823 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF142163.D
Acq: 28 Mar 2025 16:35



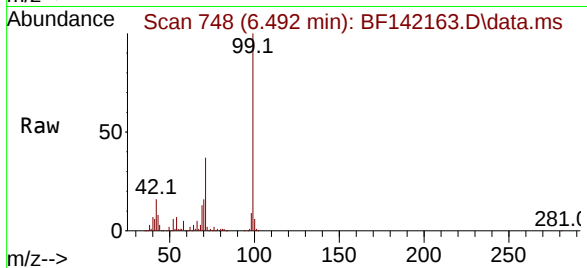
Tgt Ion:112 Resp: 447011
Ion Ratio Lower Upper
112 100
64 55.3 46.5 69.7
63 30.0 25.4 38.2





#7
Phenol-d6
Concen: 48.156 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142163.D
Acq: 28 Mar 2025 16:35

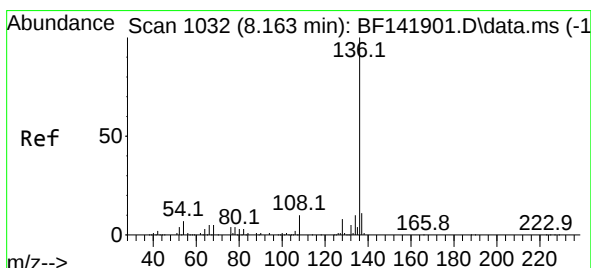
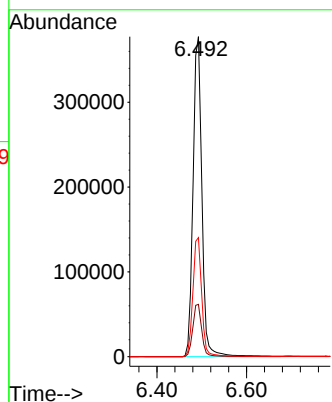
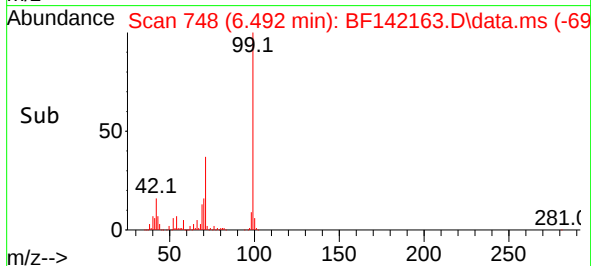
Instrument :
BNA_F
ClientSampleId :
TP-6



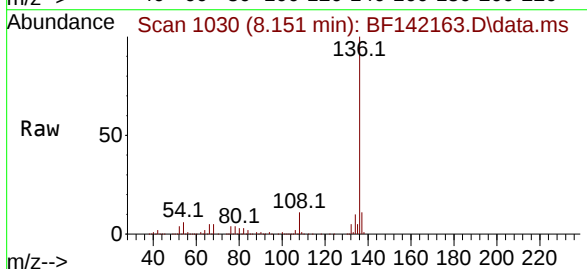
Tgt Ion: 99 Resp: 51885
Ion Ratio Lower Upper
99 100
42 16.3 14.6 21.8
71 37.2 30.8 46.2

Manual Integrations
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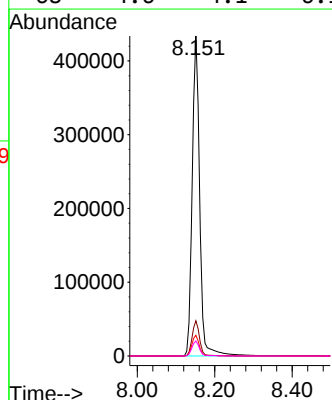
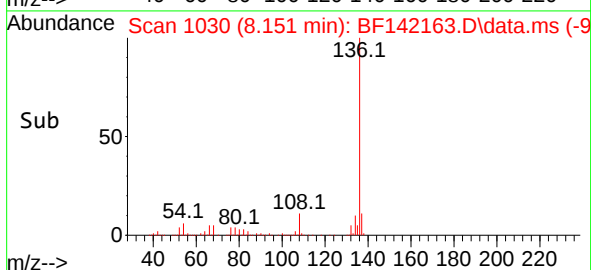
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

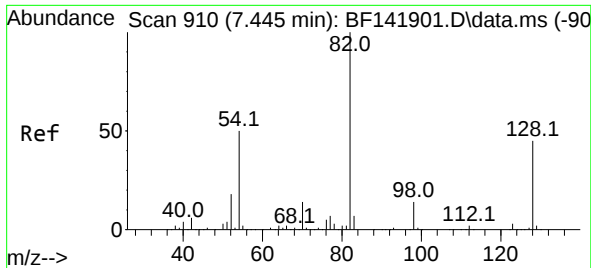


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142163.D
Acq: 28 Mar 2025 16:35



Tgt Ion:136 Resp: 583550
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.4 5.8 8.8
68 4.6 4.1 6.1





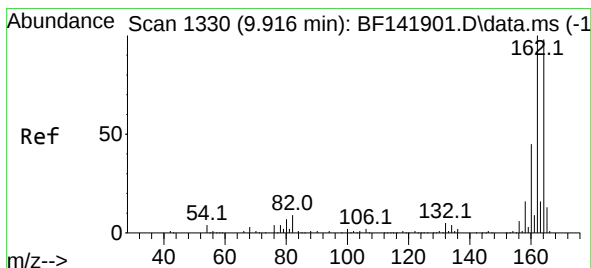
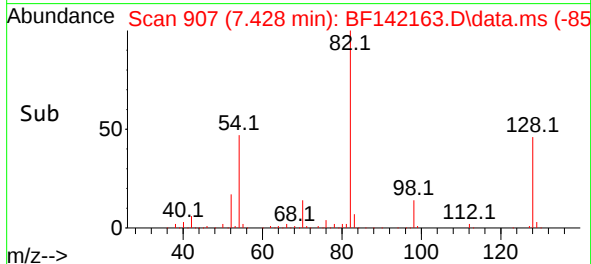
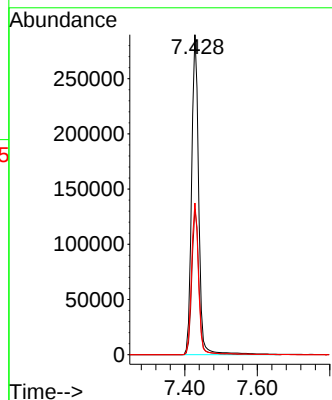
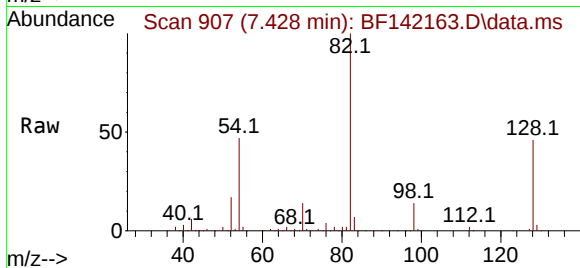
#23
 Nitrobenzene-d5
 Concen: 38.017 ng
 RT: 7.428 min Scan# 90
 Delta R.T. -0.018 min
 Lab File: BF142163.D
 Acq: 28 Mar 2025 16:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion: 82 Resp: 394210
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.0 54.0
 54 47.4 39.6 59.4

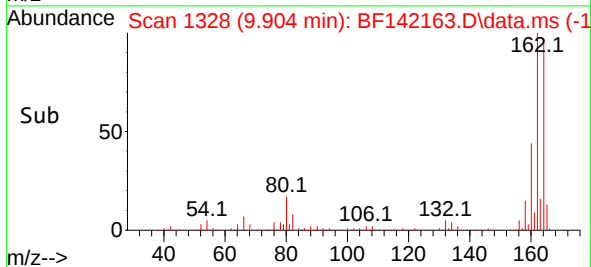
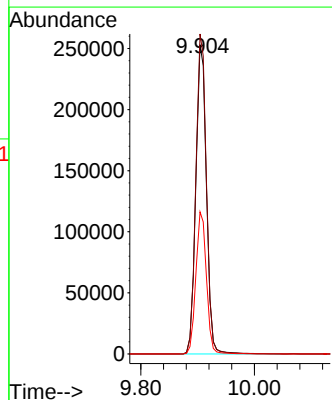
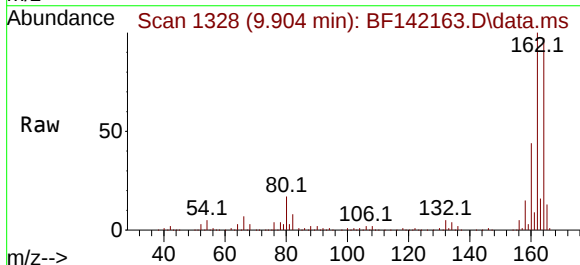
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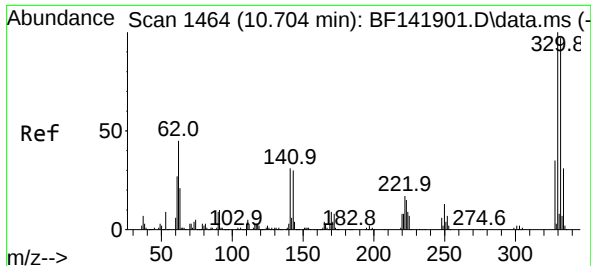
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 Supervised By :Jagrut Upadhyay 03/31/2025



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. -0.012 min
 Lab File: BF142163.D
 Acq: 28 Mar 2025 16:35

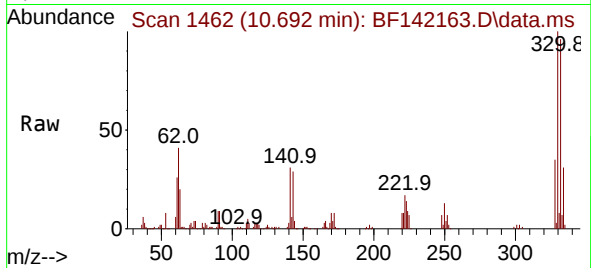
Tgt Ion:164 Resp: 329645
 Ion Ratio Lower Upper
 164 100
 162 103.5 81.8 122.6
 160 45.9 36.7 55.1





#42
2,4,6-Tribromophenol
Concen: 44.880 ng
RT: 10.692 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF142163.D
Acq: 28 Mar 2025 16:35

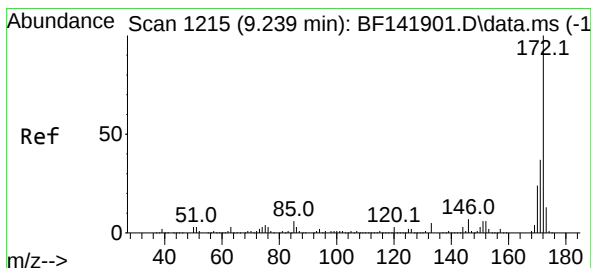
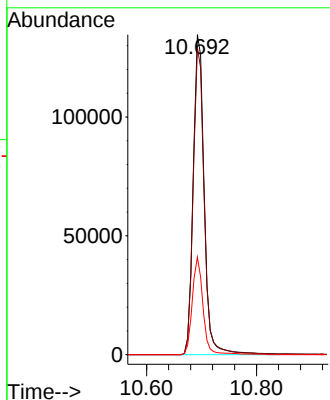
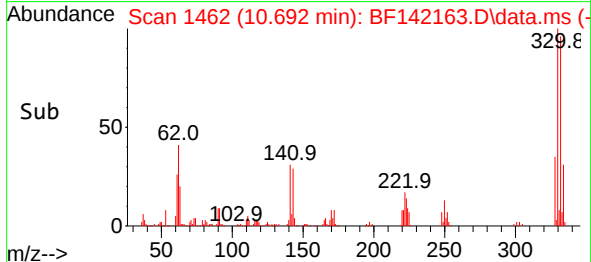
Instrument :
BNA_F
ClientSampleId :
TP-6



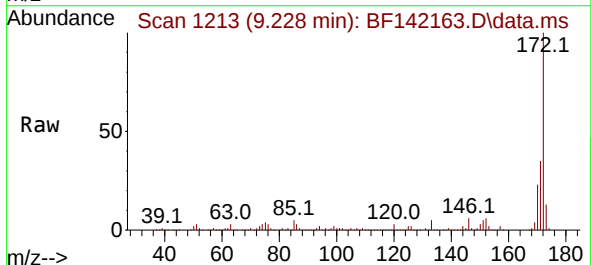
Tgt Ion:330 Resp: 187688
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 29.7 24.7 37.1

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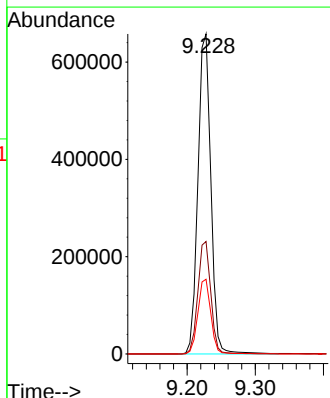
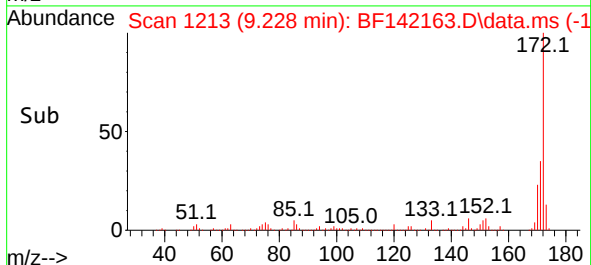
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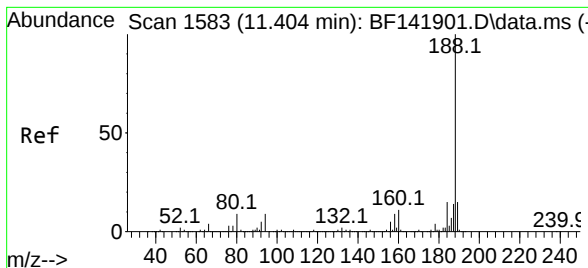


#45
2-Fluorobiphenyl
Concen: 39.963 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142163.D
Acq: 28 Mar 2025 16:35



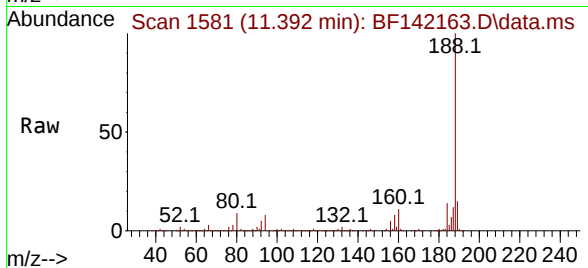
Tgt Ion:172 Resp: 866233
Ion Ratio Lower Upper
172 100
171 35.2 29.3 43.9
170 23.3 19.4 29.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11392
Delta R.T. -0.012 min
Lab File: BF142163.D
Acq: 28 Mar 2025 16:35

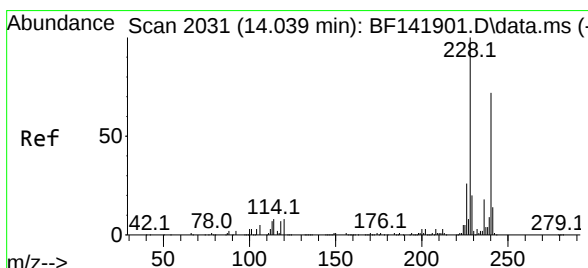
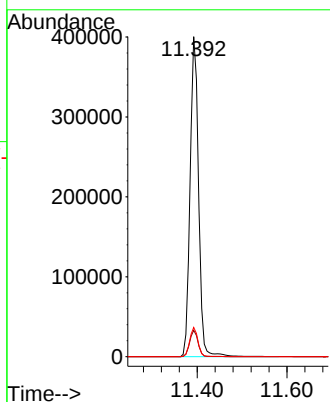
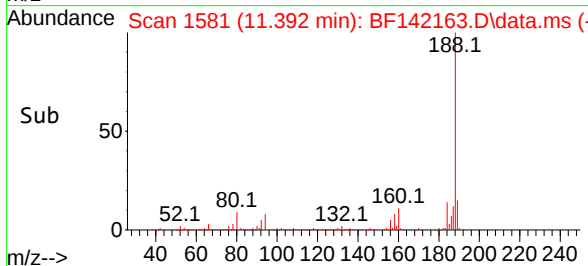
Instrument :
BNA_F
ClientSampleId :
TP-6



Tgt Ion:188 Resp: 52382
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 9.2 7.6 11.4

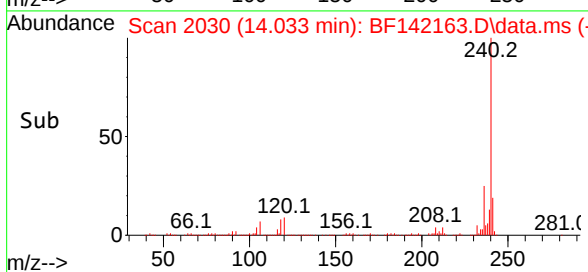
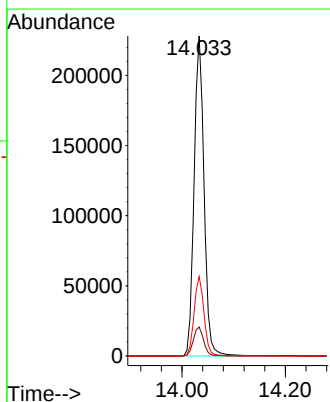
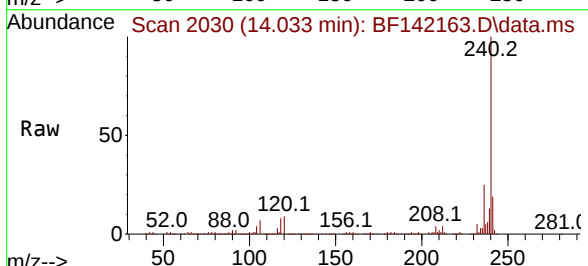
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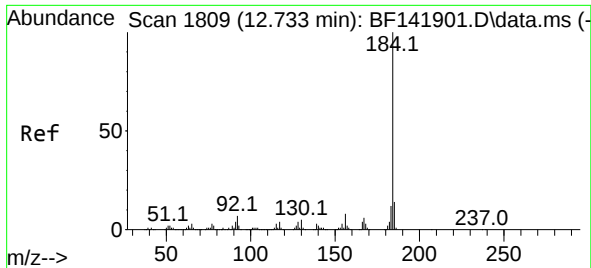
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142163.D
Acq: 28 Mar 2025 16:35

Tgt Ion:240 Resp: 304790
Ion Ratio Lower Upper
240 100
120 9.1 8.4 12.6
236 24.8 20.5 30.7





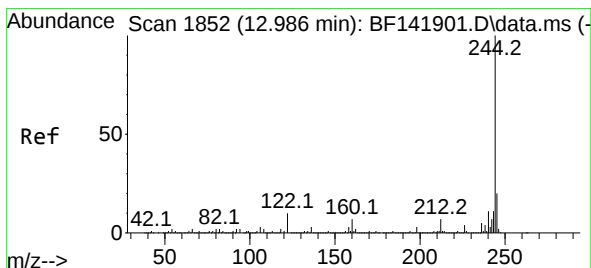
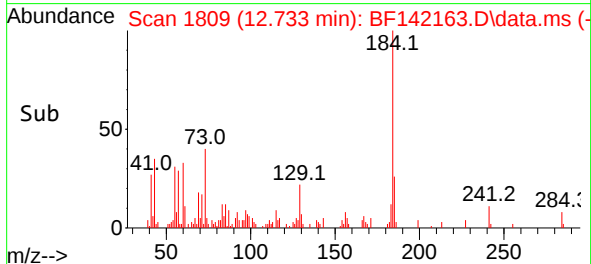
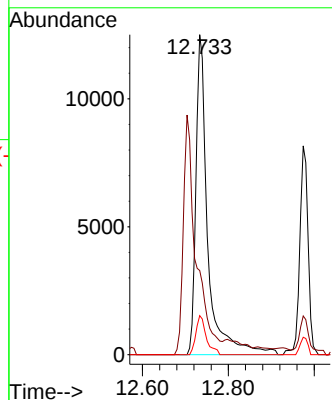
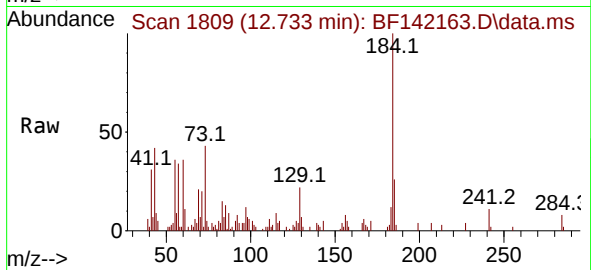
#77
Benzidine
Concen: 5.626 ng m
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF142163.D
Acq: 28 Mar 2025 16:35

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:184 Resp: 23920
Ion Ratio Lower Upper
184 100
185 26.3 11.5 17.3
183 12.2 9.7 14.5

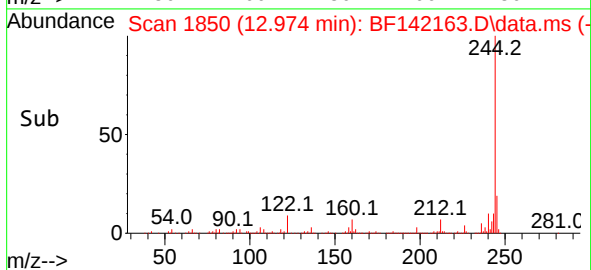
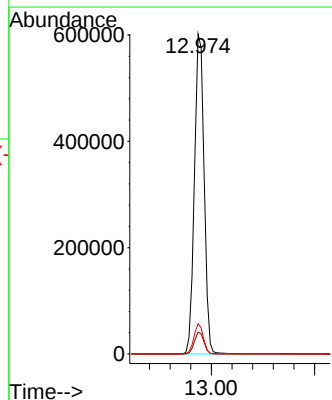
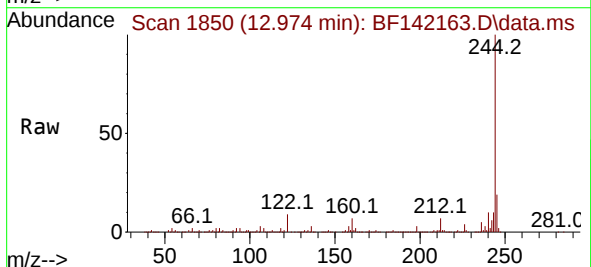
Manual Integrations
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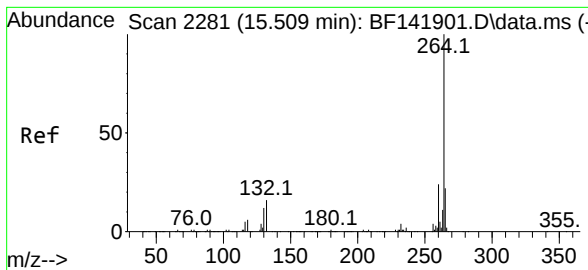
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#79
Terphenyl-d14
Concen: 38.003 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BF142163.D
Acq: 28 Mar 2025 16:35

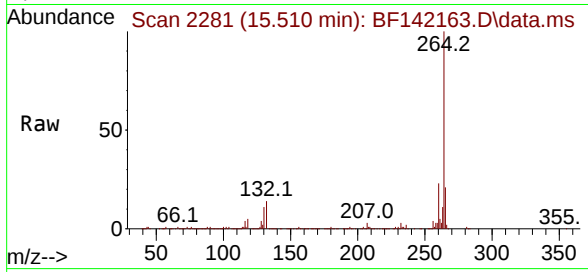
Tgt Ion:244 Resp: 783457
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 9.5 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142163.D
 Acq: 28 Mar 2025 16:35

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264 Resp: 323130

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	21.1	17.5	26.3

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