

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
 Data File : BF141922.D
 Acq On : 11 Mar 2025 18:12
 Operator : RC/JU
 Sample : Q1534-24
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-19

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025

Quant Time: Mar 12 01:14:43 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	6.881	152	140435	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	557319	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	270213	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	420147	20.000	ng	0.00
76) Chrysene-d12	14.033	240	368210	20.000	ng	0.00
86) Perylene-d12	15.509	264	277285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1035471	123.058	ng	0.01
7) Phenol-d6	6.504	99	1155127	107.819	ng	0.00
23) Nitrobenzene-d5	7.439	82	946464	95.570	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	464750	135.574	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1774256	99.859	ng	0.00
79) Terphenyl-d14	12.986	244	2011710	80.775	ng	0.00
Target Compounds						
32) Benzoic acid	7.863	122	18585m	3.178	ng	Qvalue
77) Benzidine	12.733	184	27090	5.273	ng	98

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

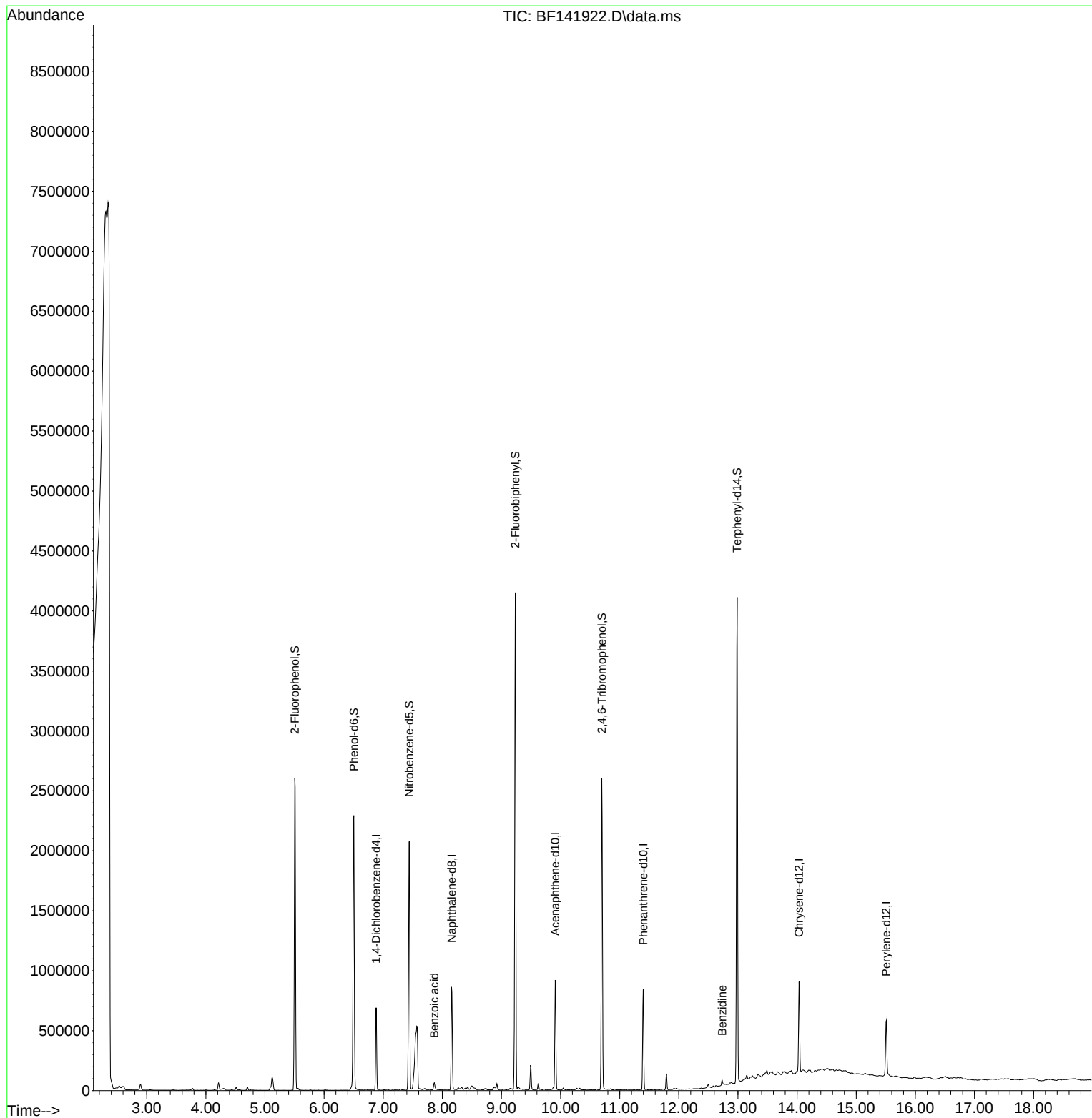
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141922.D
Acq On : 11 Mar 2025 18:12
Operator : RC/JU
Sample : Q1534-24
Misc :
ALS Vial : 14 Sample Multiplier: 1

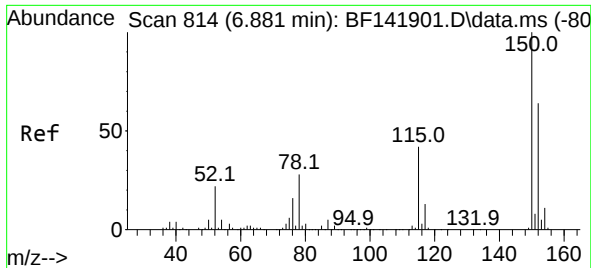
Instrument :
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Quant Time: Mar 12 01:14:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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QLast Update : Mon Mar 10 15:46:22 2025
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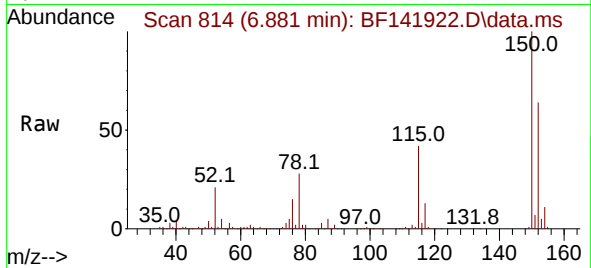
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141922.D
Acq: 11 Mar 2025 18:12

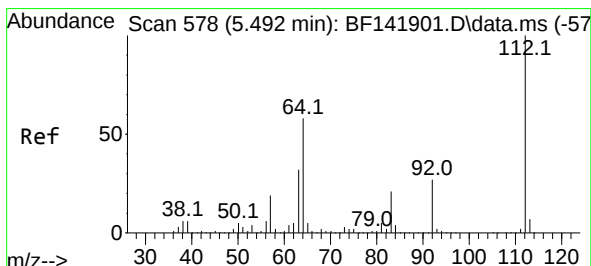
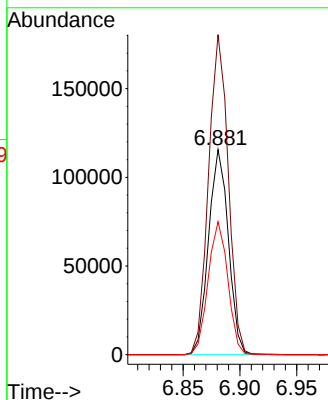
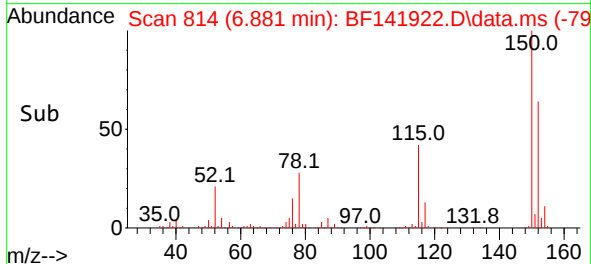
Instrument :
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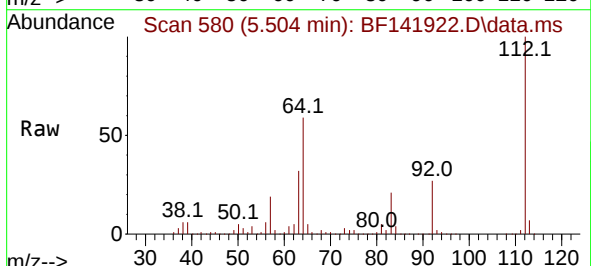
Tgt Ion:152 Resp: 140435
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.2
115 64.9 51.9 77.9

Manual Integrations
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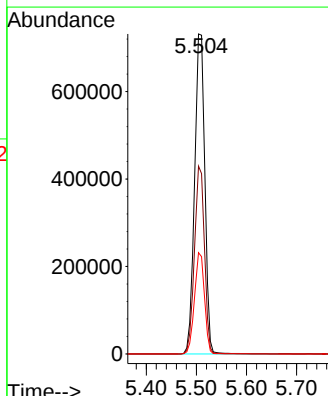
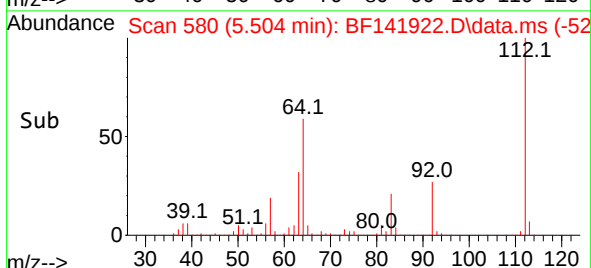
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

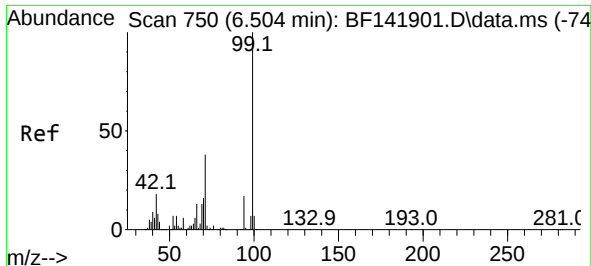


#5
2-Fluorophenol
Concen: 123.058 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF141922.D
Acq: 11 Mar 2025 18:12



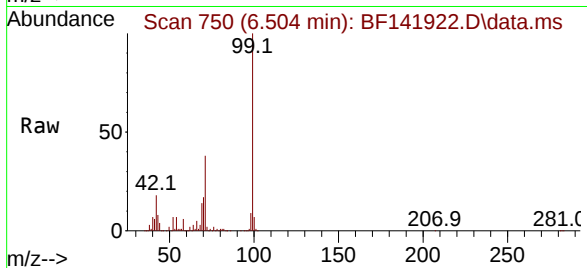
Tgt Ion:112 Resp: 1035471
Ion Ratio Lower Upper
112 100
64 58.7 46.5 69.7
63 31.7 25.4 38.2





#7
Phenol-d6
Concen: 107.819 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141922.D
Acq: 11 Mar 2025 18:12

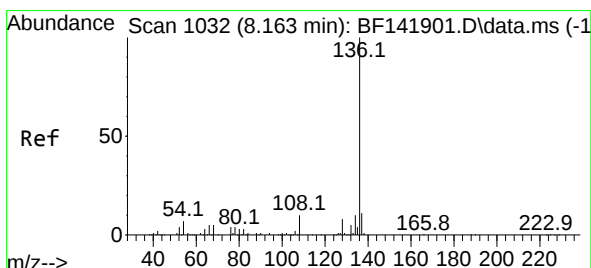
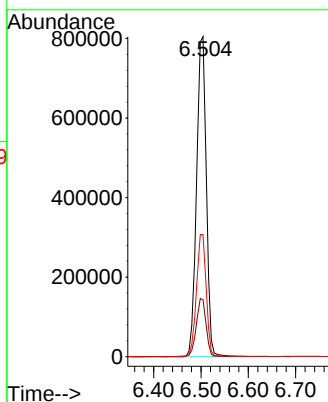
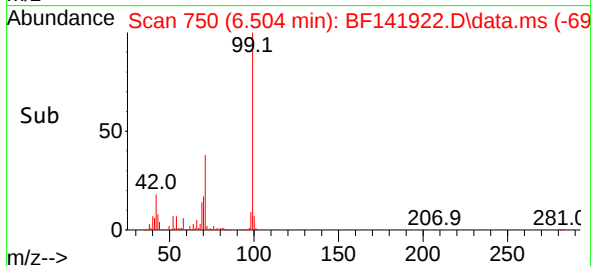
Instrument :
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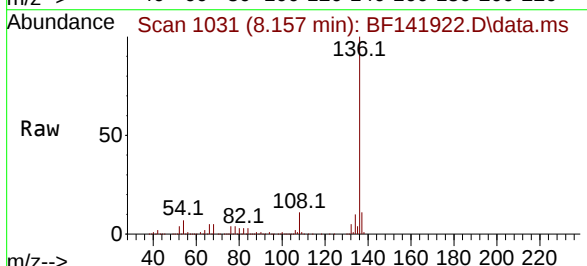
Tgt Ion: 99 Resp: 115512
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 38.2 30.8 46.2

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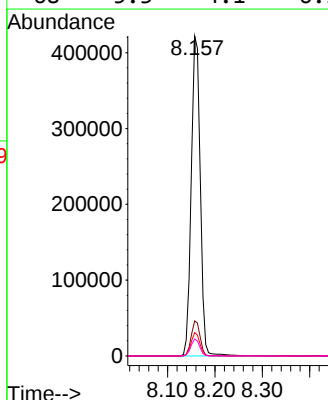
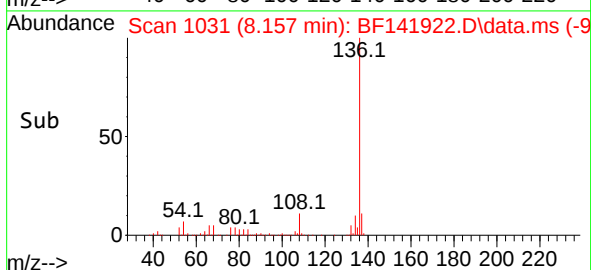
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

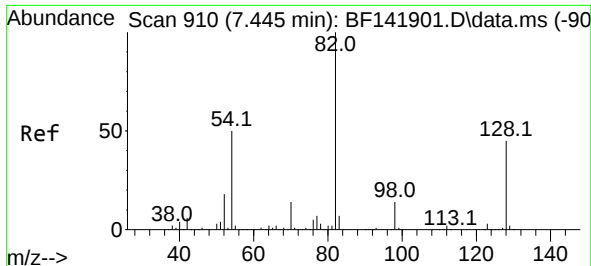


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141922.D
Acq: 11 Mar 2025 18:12



Tgt Ion:136 Resp: 557319
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.3 5.8 8.8
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 95.570 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF141922.D

Acq: 11 Mar 2025 18:12

Instrument :

BNA_F

ClientSampleId :

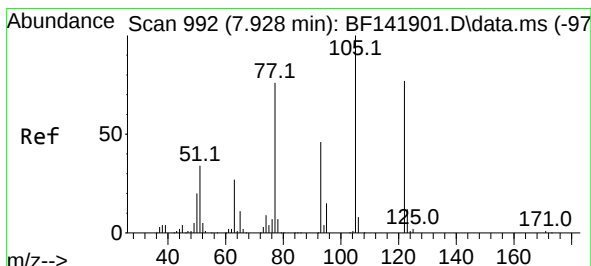
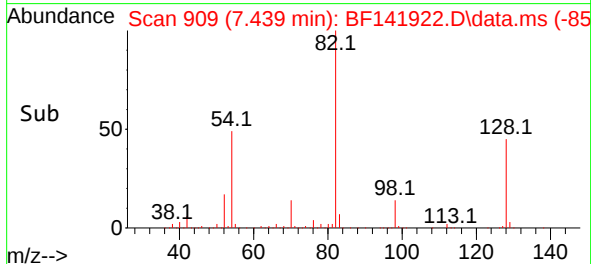
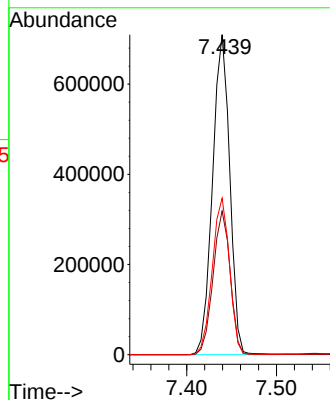
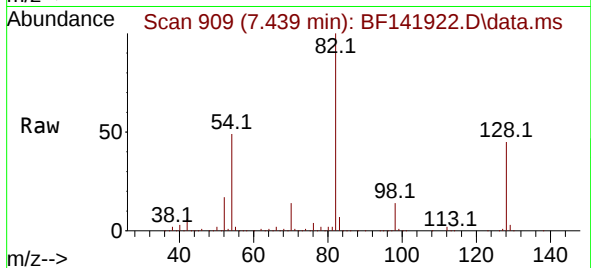
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Tgt Ion: 82 Resp: 946464
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.0 54.0
 54 48.9 39.6 59.4

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#32

Benzoic acid

Concen: 3.178 ng m

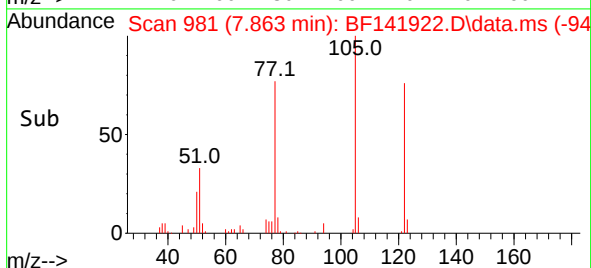
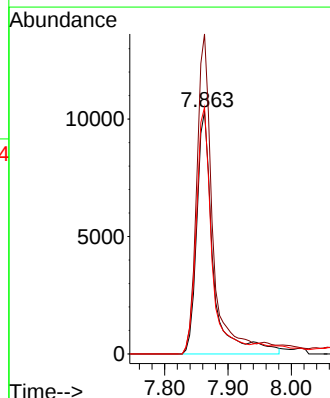
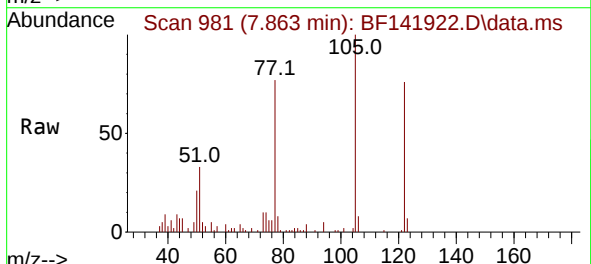
RT: 7.863 min Scan# 981

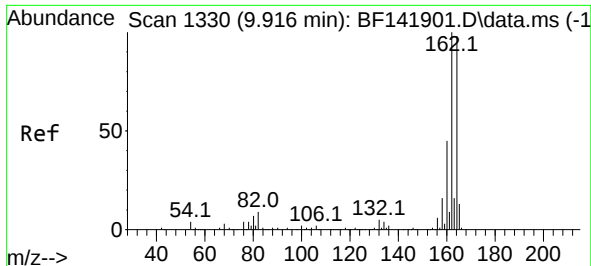
Delta R.T. -0.065 min

Lab File: BF141922.D

Acq: 11 Mar 2025 18:12

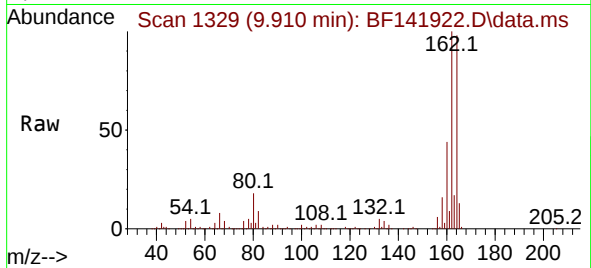
Tgt Ion:122 Resp: 18585
 Ion Ratio Lower Upper
 122 100
 105 131.9 107.9 147.9
 77 101.7 79.0 119.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141922.D
Acq: 11 Mar 2025 18:12

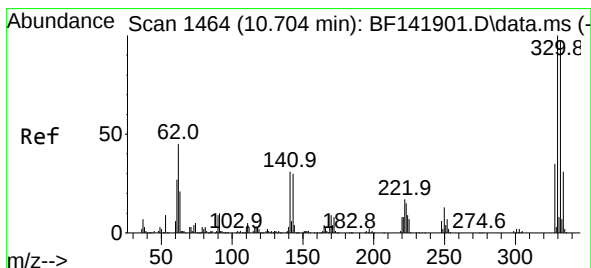
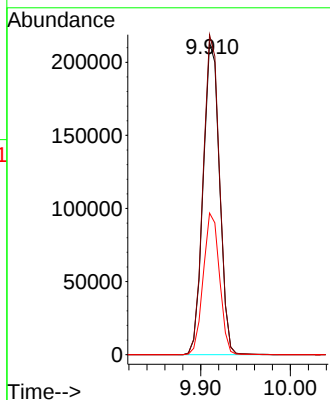
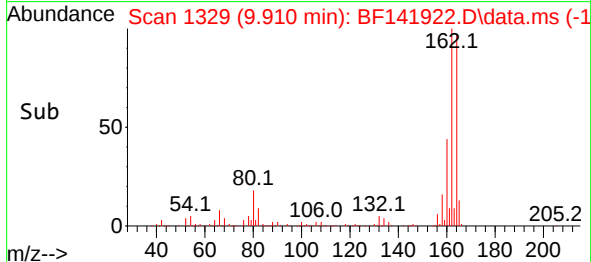
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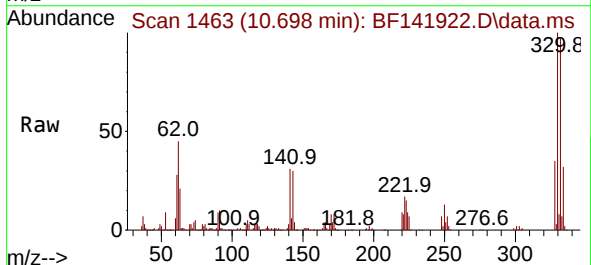
Tgt Ion:164 Resp: 27021
Ion Ratio Lower Upper
164 100
162 102.4 81.8 122.6
160 45.3 36.7 55.1

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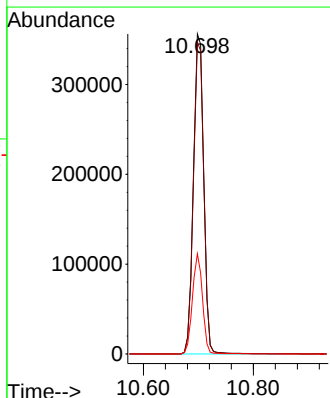
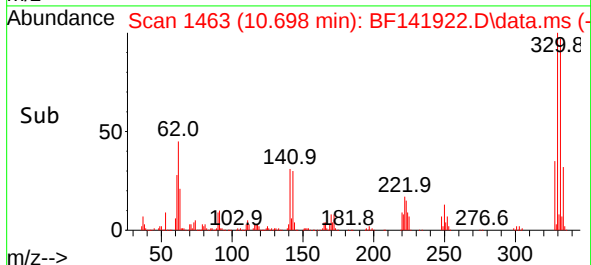
Reviewed By :Anahy Claudio 03/12/2025
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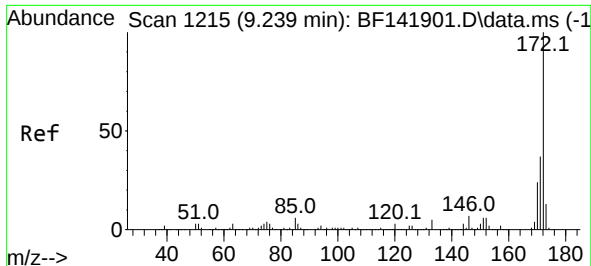


#42
2,4,6-Tribromophenol
Concen: 135.574 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF141922.D
Acq: 11 Mar 2025 18:12



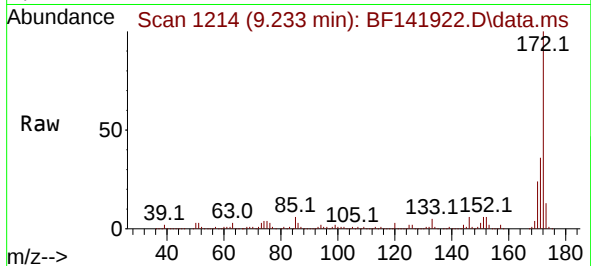
Tgt Ion:330 Resp: 464750
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 30.4 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 99.859 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141922.D
Acq: 11 Mar 2025 18:12

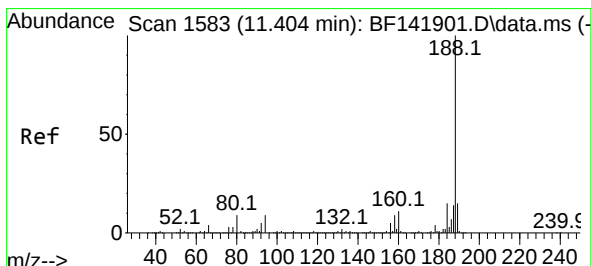
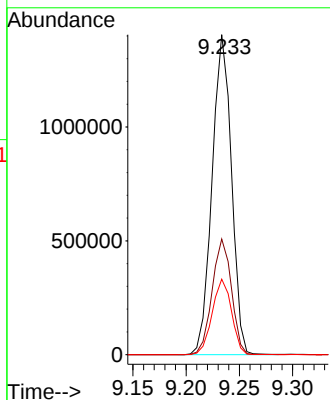
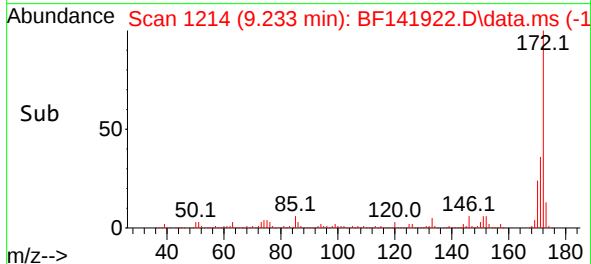
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Tgt Ion:172 Resp: 1774250
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 23.6 19.4 29.0

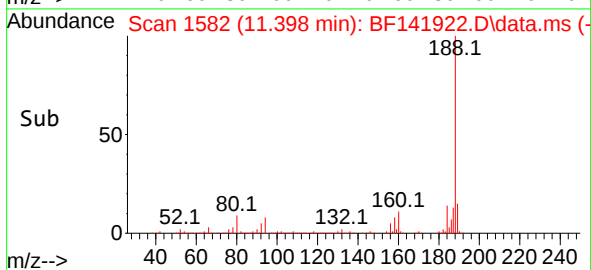
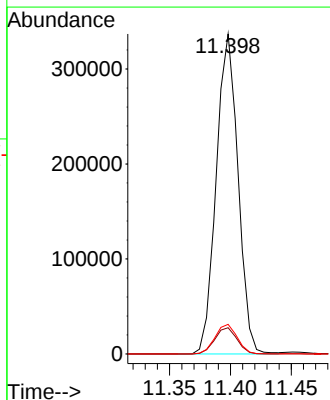
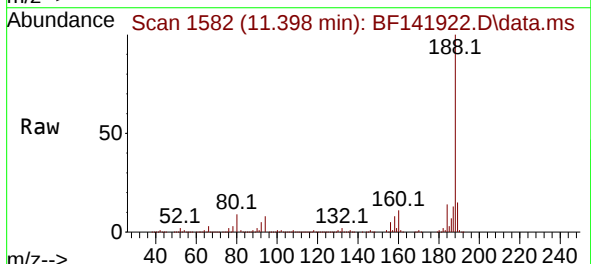
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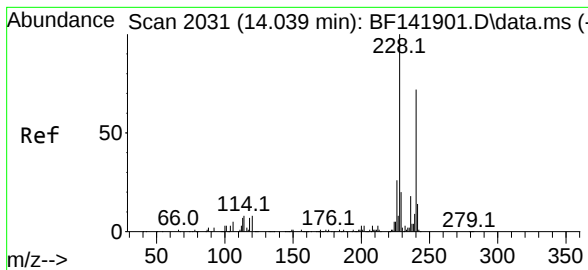
Reviewed By :Anahy Claudio 03/12/2025
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141922.D
Acq: 11 Mar 2025 18:12

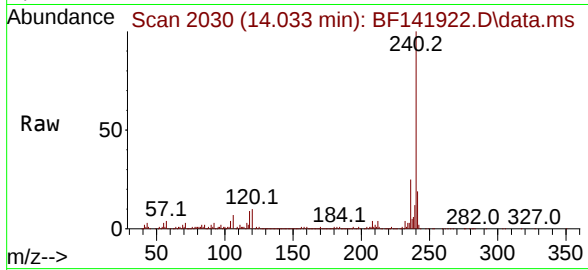
Tgt Ion:188 Resp: 420147
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 9.3 7.6 11.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF141922.D
Acq: 11 Mar 2025 18:12

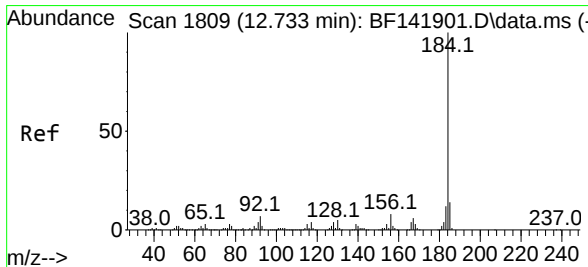
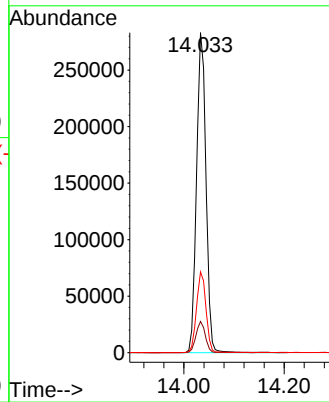
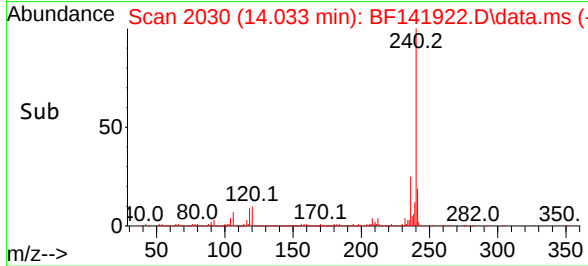
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Tgt Ion:240 Resp: 368210
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.2 20.5 30.7

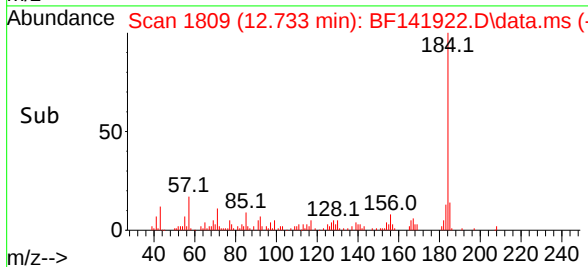
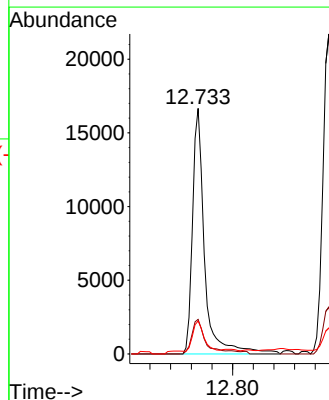
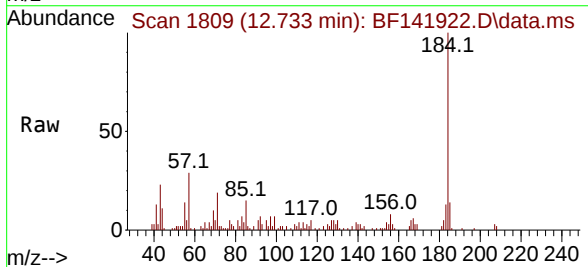
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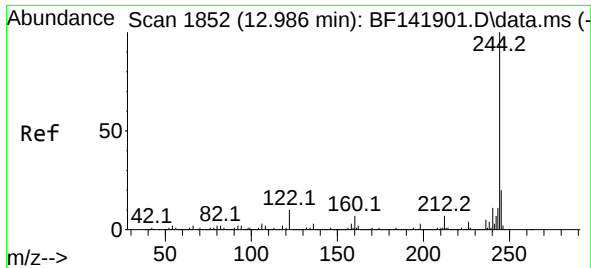
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#77
Benzidine
Concen: 5.273 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF141922.D
Acq: 11 Mar 2025 18:12

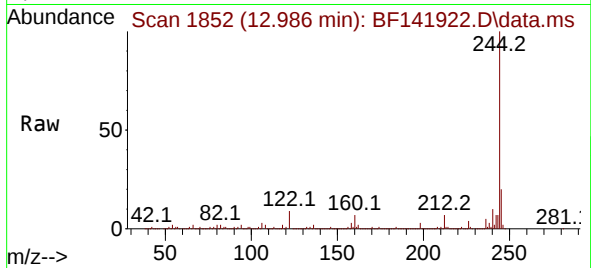
Tgt Ion:184 Resp: 27090
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 13.4 9.7 14.5





#79
Terphenyl-d14
Concen: 80.775 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF141922.D
Acq: 11 Mar 2025 18:12

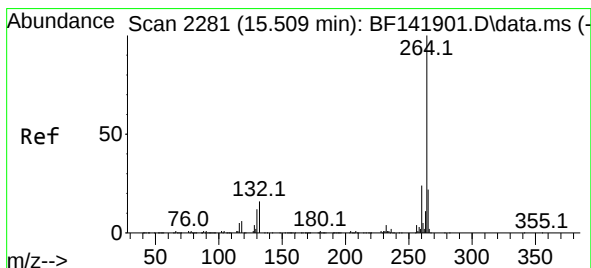
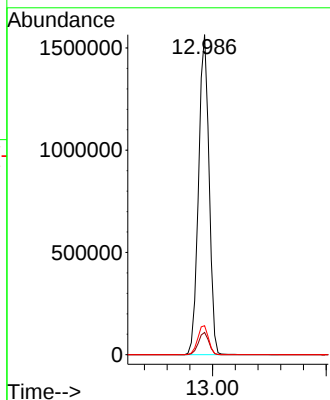
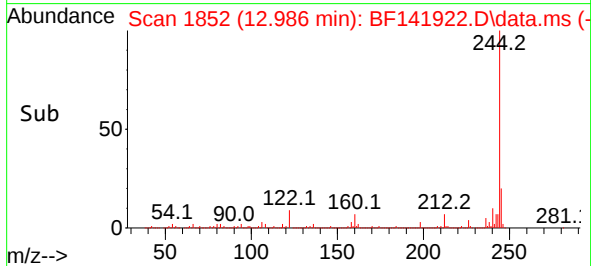
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Tgt Ion:244 Resp: 2011710
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.1 7.7 11.5

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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141922.D
Acq: 11 Mar 2025 18:12

Tgt Ion:264 Resp: 277285
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 21.0 17.5 26.3

