

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
 Data File : BF142186.D
 Acq On : 31 Mar 2025 17:57
 Operator : RC/JU
 Sample : Q1664-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BBDGA-006-01

Manual Integrations
 APPROVED

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

Quant Time: Mar 31 18:50:40 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	105523	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	403592	20.000	ng	-0.02
39) Acenaphthene-d10	9.904	164	210130	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	323826m	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	248316	20.000	ng	0.00
86) Perylene-d12	15.510	264	304388	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	693286	109.651	ng	-0.01
7) Phenol-d6	6.487	99	839657	104.303	ng	-0.02
23) Nitrobenzene-d5	7.428	82	553719	77.209	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	258272	96.884	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	1164637	84.290	ng	-0.02
79) Terphenyl-d14	12.974	244	1065144	63.418	ng	-0.01

Target Compounds	Qvalue

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

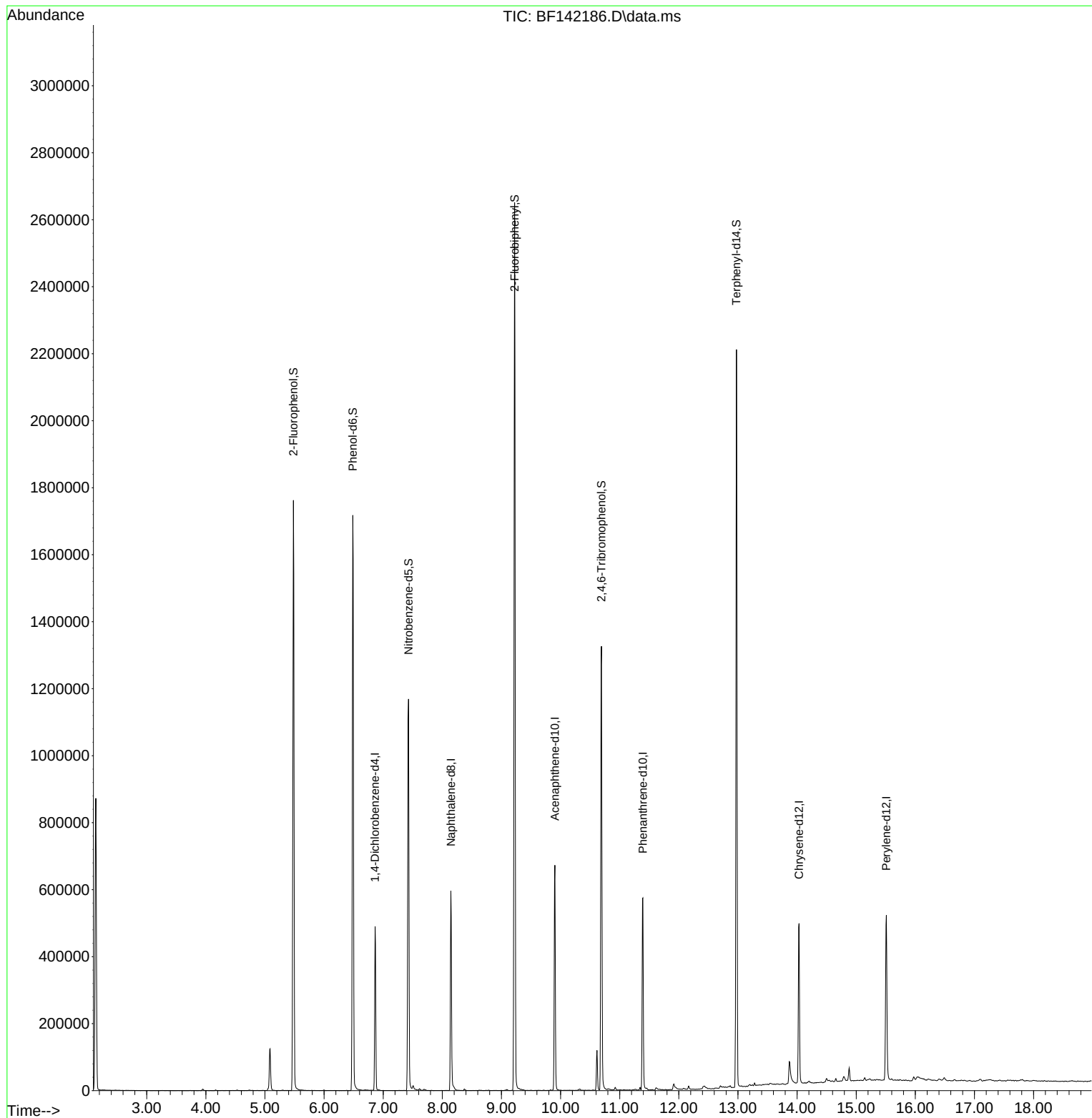
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Data File : BF142186.D
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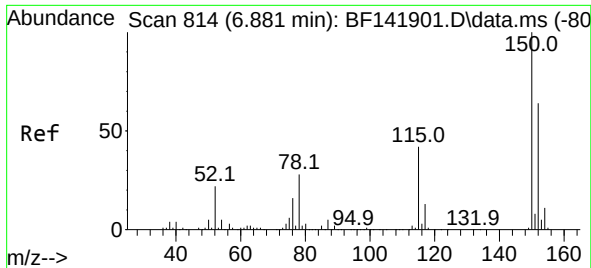
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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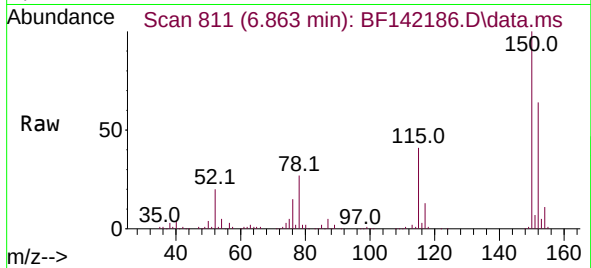
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 814
Delta R.T. -0.018 min
Lab File: BF142186.D
Acq: 31 Mar 2025 17:57

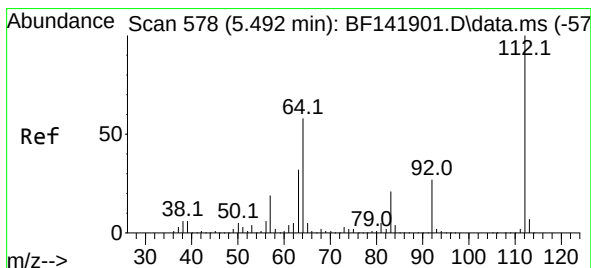
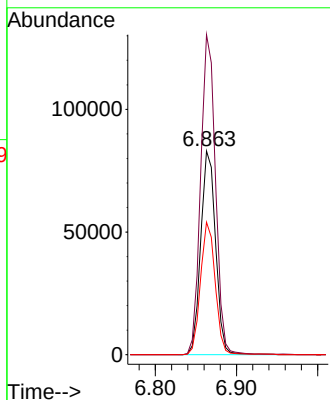
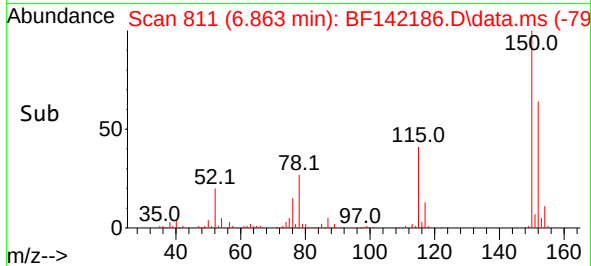
Instrument :
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Tgt Ion:152 Resp: 105523
Ion Ratio Lower Upper
152 100
150 157.1 127.4 191.2
115 65.1 51.9 77.9

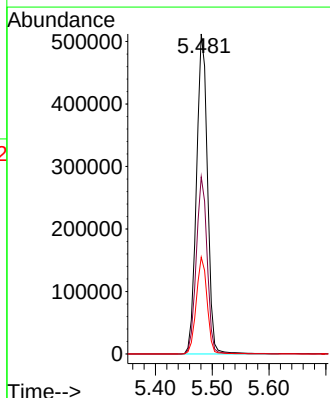
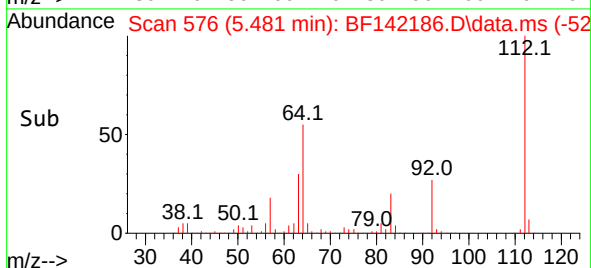
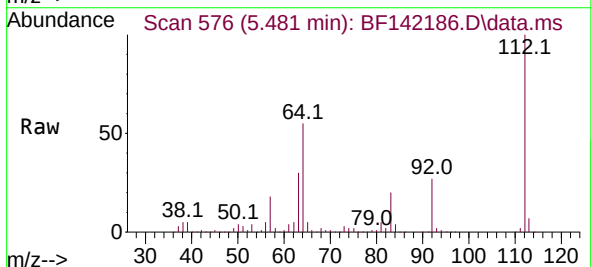
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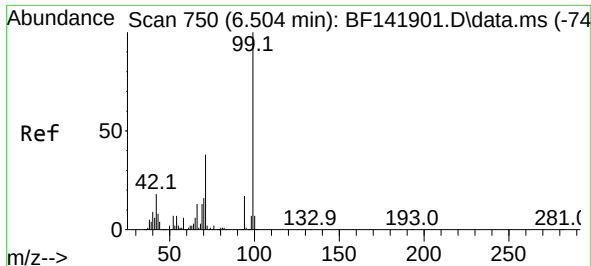
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#5
2-Fluorophenol
Concen: 109.651 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF142186.D
Acq: 31 Mar 2025 17:57

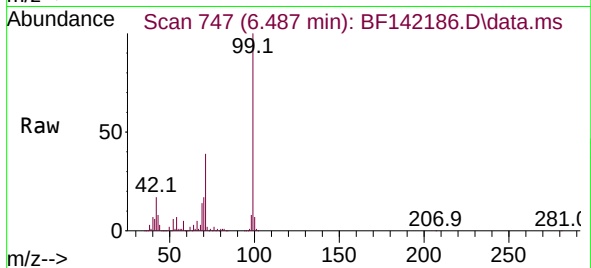
Tgt Ion:112 Resp: 693286
Ion Ratio Lower Upper
112 100
64 55.3 46.5 69.7
63 30.3 25.4 38.2





#7
Phenol-d6
Concen: 104.303 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF142186.D
Acq: 31 Mar 2025 17:57

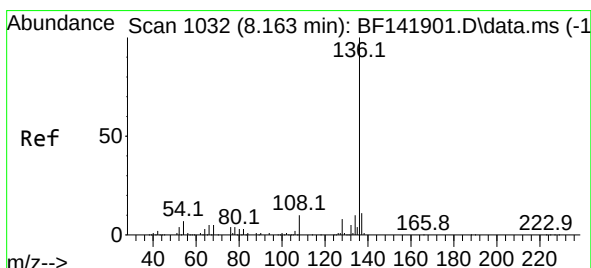
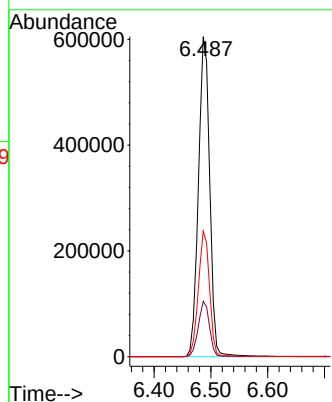
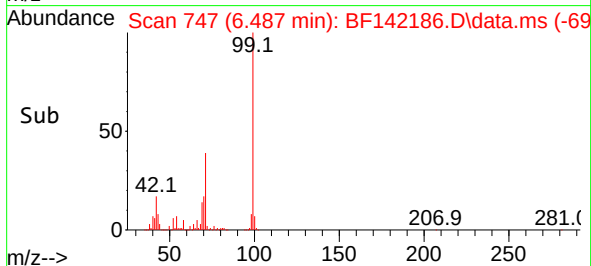
Instrument :
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ClientSampleId :
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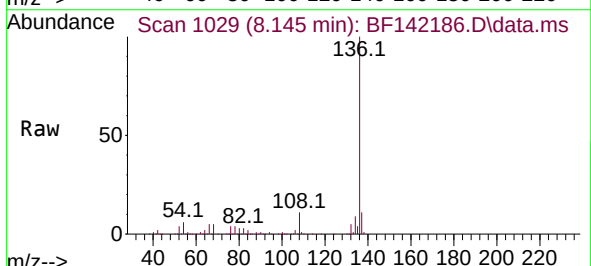
Tgt Ion: 99 Resp: 83965
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 39.3 30.8 46.2

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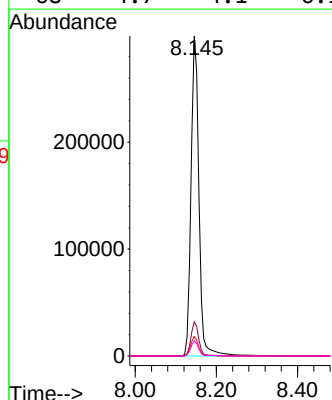
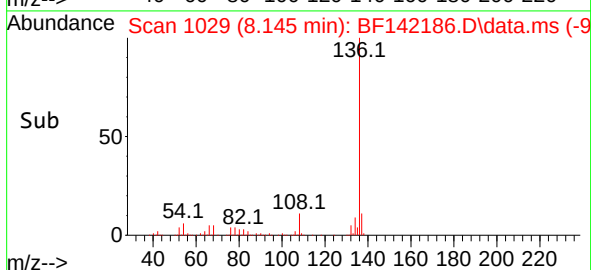
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025

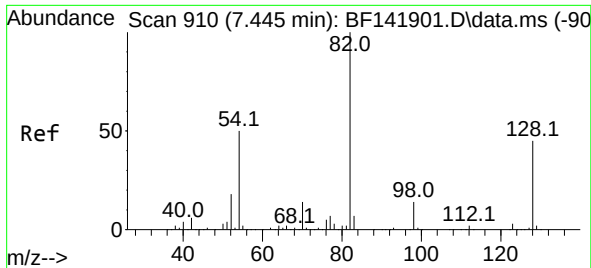


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF142186.D
Acq: 31 Mar 2025 17:57



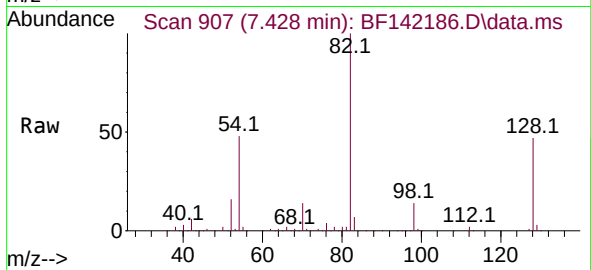
Tgt Ion:136 Resp: 403592
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.1 5.8 8.8
68 4.7 4.1 6.1





#23
Nitrobenzene-d5
Concen: 77.209 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.018 min
Lab File: BF142186.D
Acq: 31 Mar 2025 17:57

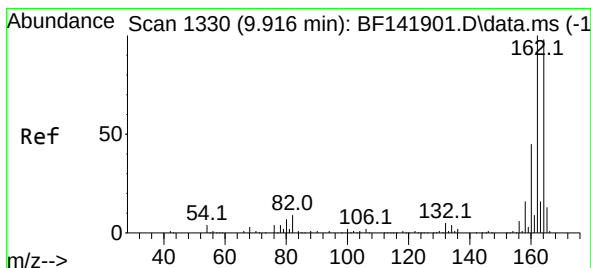
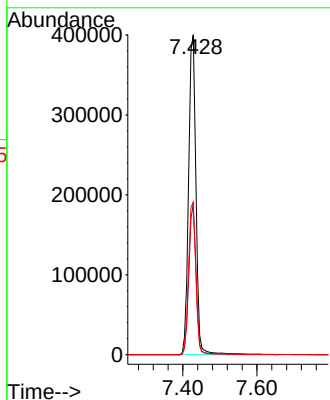
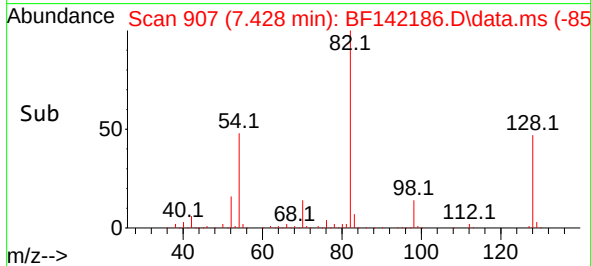
Instrument :
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Tgt Ion: 82 Resp: 553719
Ion Ratio Lower Upper
82 100
128 46.7 36.0 54.0
54 47.6 39.6 59.4

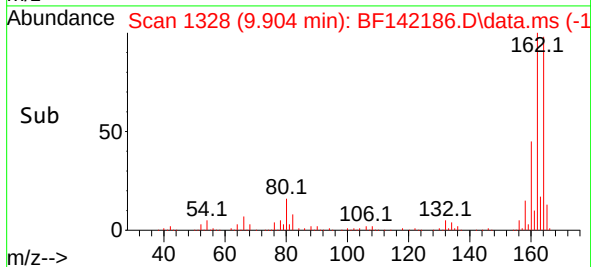
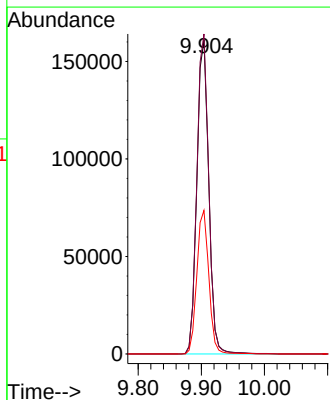
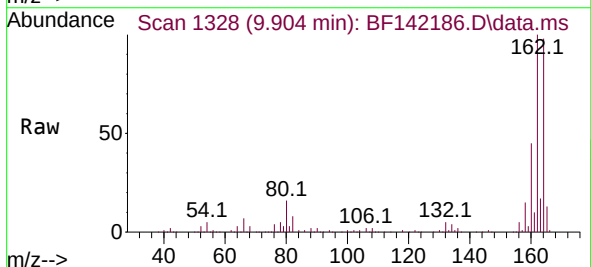
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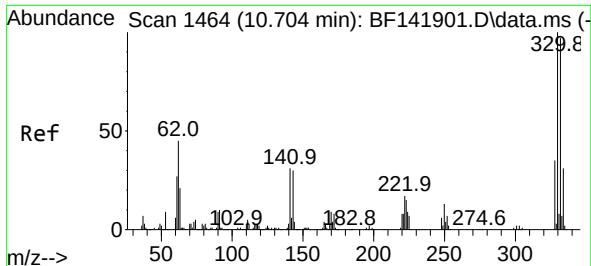
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142186.D
Acq: 31 Mar 2025 17:57

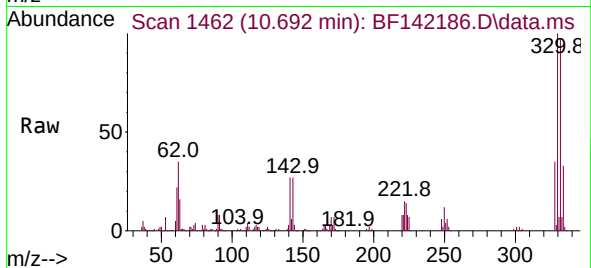
Tgt Ion:164 Resp: 210130
Ion Ratio Lower Upper
164 100
162 101.9 81.8 122.6
160 45.7 36.7 55.1





#42
2,4,6-Tribromophenol
Concen: 96.884 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF142186.D
Acq: 31 Mar 2025 17:57

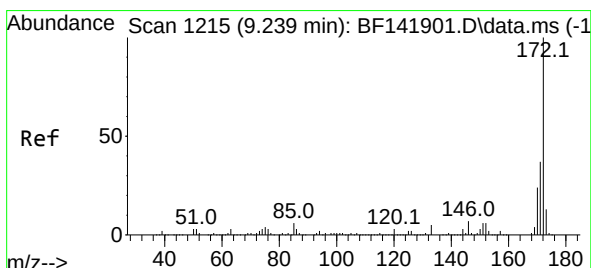
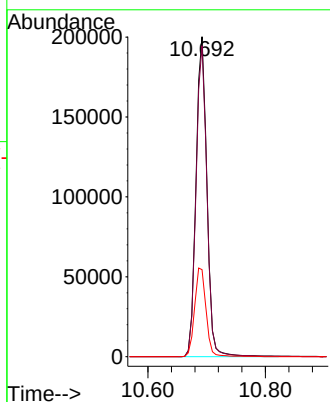
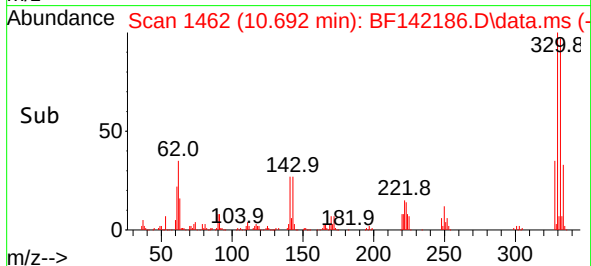
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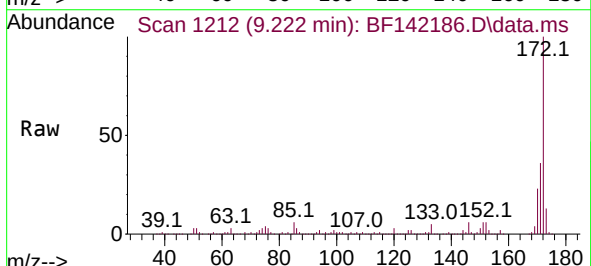
Tgt Ion: 330 Resp: 258272
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 29.1 24.7 37.1

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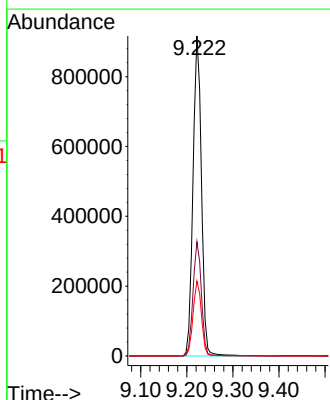
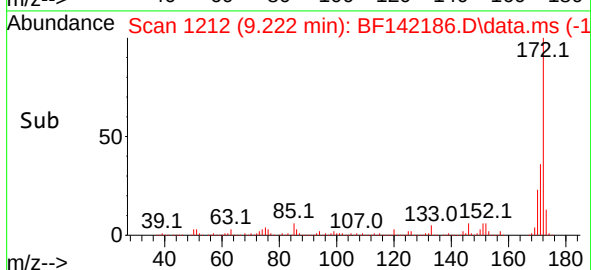
Reviewed By :Anahy Claudio 04/01/2025
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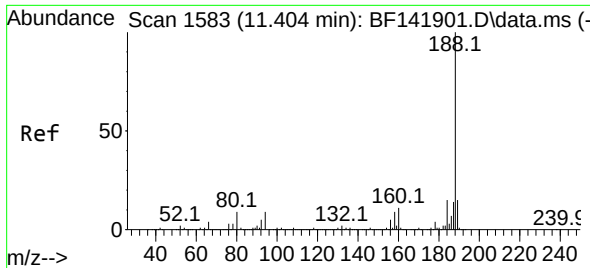


#45
2-Fluorobiphenyl
Concen: 84.290 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.018 min
Lab File: BF142186.D
Acq: 31 Mar 2025 17:57



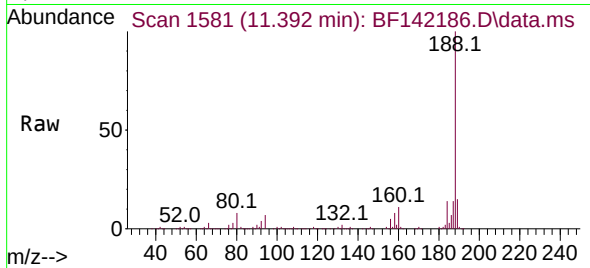
Tgt Ion: 172 Resp: 1164637
Ion Ratio Lower Upper
172 100
171 35.7 29.3 43.9
170 23.4 19.4 29.0





#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.392 min Scan# 11392
Delta R.T. -0.012 min
Lab File: BF142186.D
Acq: 31 Mar 2025 17:57

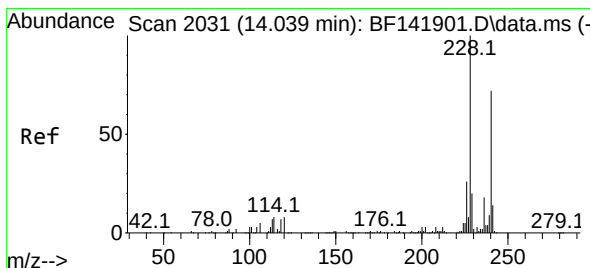
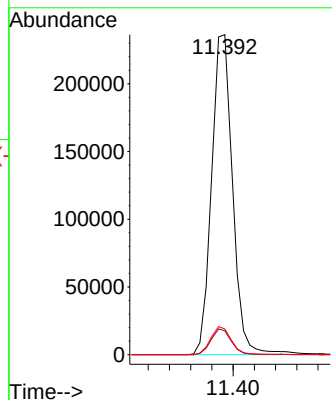
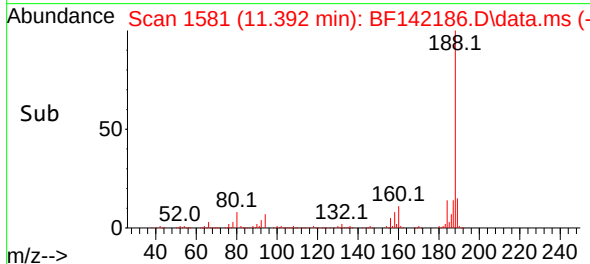
Instrument :
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Tgt Ion:188 Resp: 323820
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 8.1 7.6 11.4

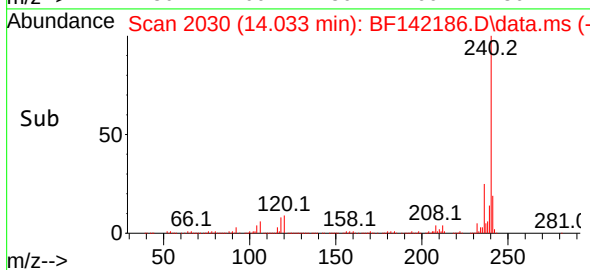
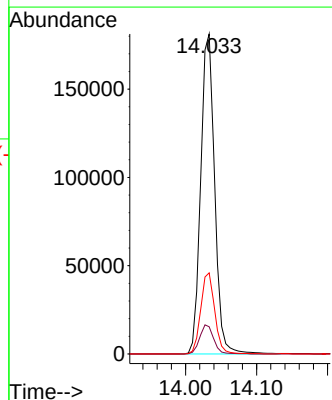
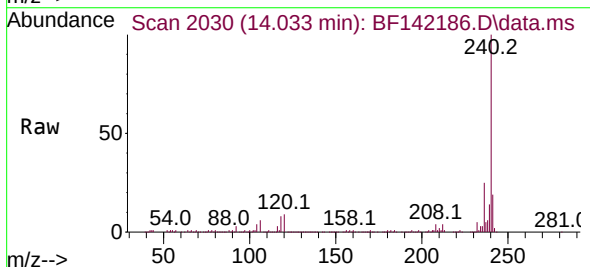
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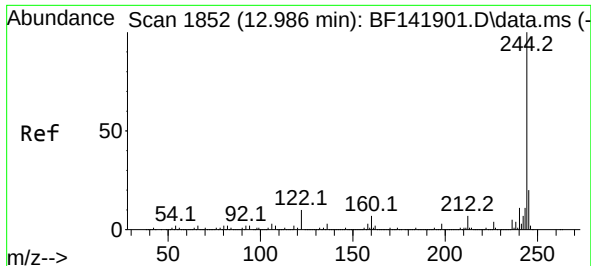
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142186.D
Acq: 31 Mar 2025 17:57

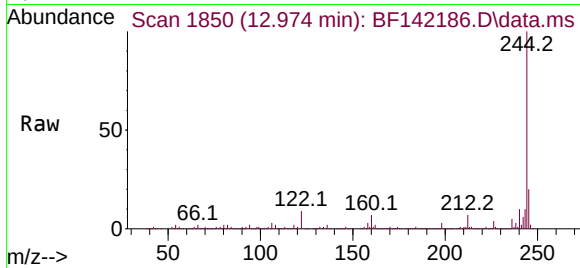
Tgt Ion:240 Resp: 248316
Ion Ratio Lower Upper
240 100
120 8.5 8.4 12.6
236 25.3 20.5 30.7





#79
 Terphenyl-d14
 Concen: 63.418 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.012 min
 Lab File: BF142186.D
 Acq: 31 Mar 2025 17:57

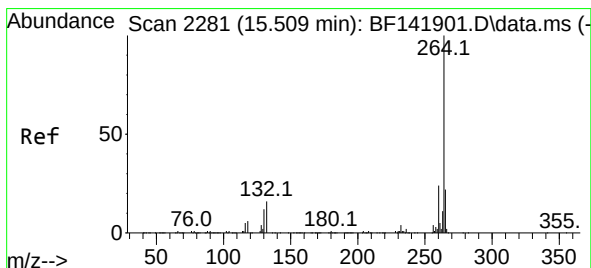
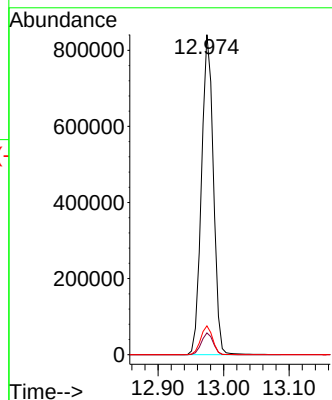
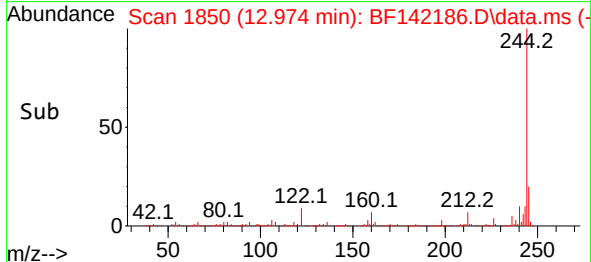
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Tgt Ion:244 Resp: 106514
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 9.0 7.7 11.5

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. 0.000 min
 Lab File: BF142186.D
 Acq: 31 Mar 2025 17:57

Tgt Ion:264 Resp: 304388
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.5 17.5 26.3

