

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
 Data File : BF142191.D
 Acq On : 31 Mar 2025 20:26
 Operator : RC/JU
 Sample : Q1664-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BBDGA-001-02

Manual Integrations
 APPROVED

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

Quant Time: Apr 01 00:47:32 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	107368	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	406080	20.000	ng	-0.02
39) Acenaphthene-d10	9.904	164	205334	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	292774m	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	246157	20.000	ng	0.00
86) Perylene-d12	15.509	264	308484	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	657013	102.128	ng	-0.01
7) Phenol-d6	6.487	99	823001	100.477	ng	-0.02
23) Nitrobenzene-d5	7.428	82	546450	75.729	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	213972	82.141	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	1138602	84.331	ng	-0.02
79) Terphenyl-d14	12.974	244	961933	57.775	ng	-0.01

Target Compounds Qvalue

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

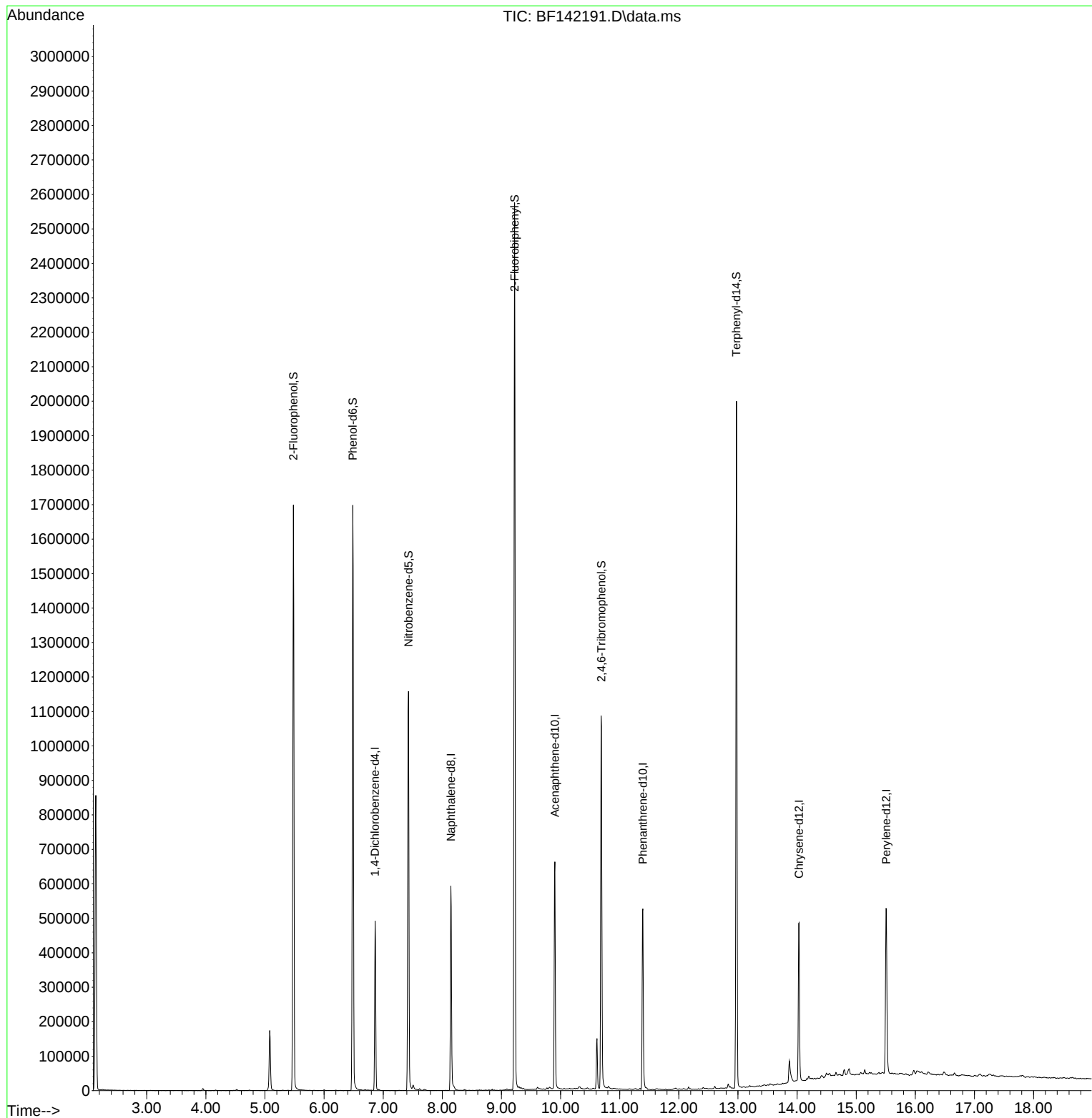
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142191.D
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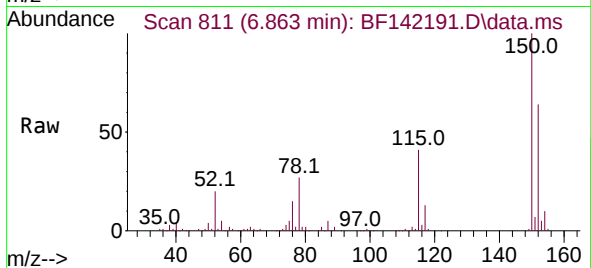
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Supervised By :Jagrut Upadhyay 04/01/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 814
Delta R.T. -0.018 min
Lab File: BF142191.D
Acq: 31 Mar 2025 20:26

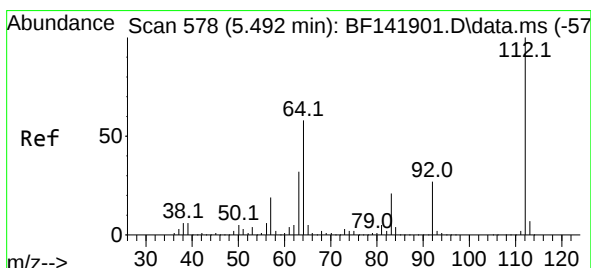
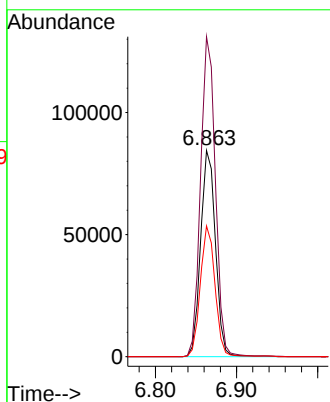
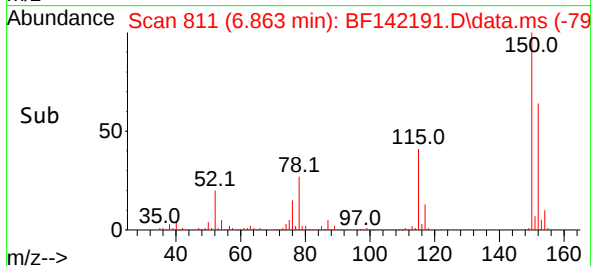
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-02



Tgt Ion:152 Resp: 107368
Ion Ratio Lower Upper
152 100
150 155.1 127.4 191.2
115 63.4 51.9 77.9

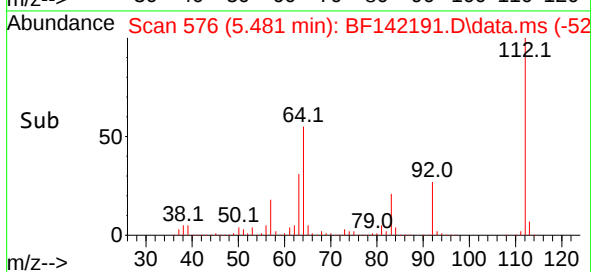
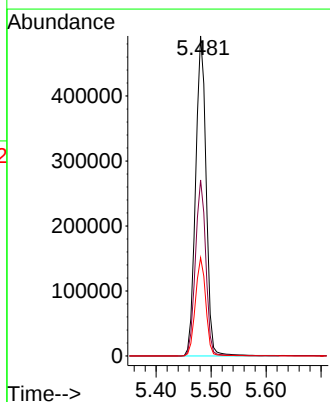
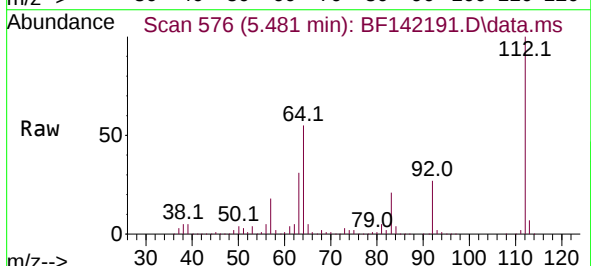
Manual Integrations
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#5
2-Fluorophenol
Concen: 102.128 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF142191.D
Acq: 31 Mar 2025 20:26

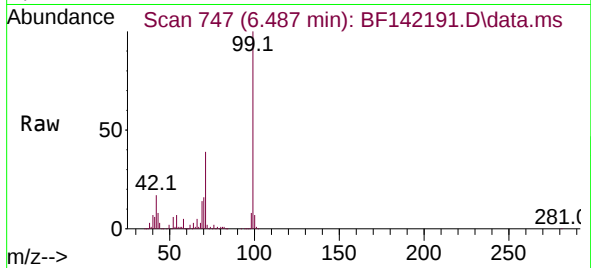
Tgt Ion:112 Resp: 657013
Ion Ratio Lower Upper
112 100
64 55.0 46.5 69.7
63 30.7 25.4 38.2





#7
Phenol-d6
Concen: 100.477 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF142191.D
Acq: 31 Mar 2025 20:26

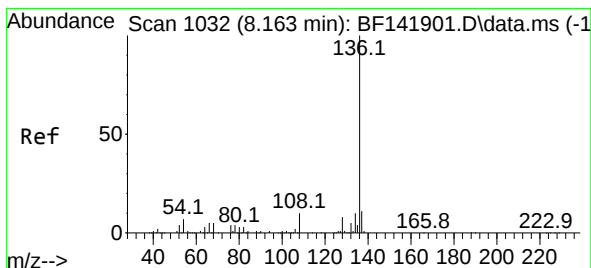
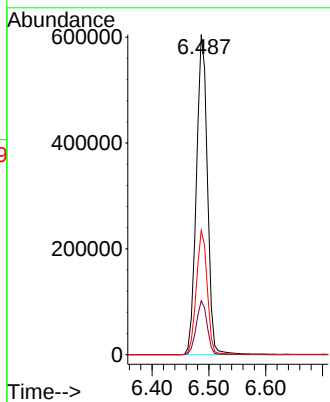
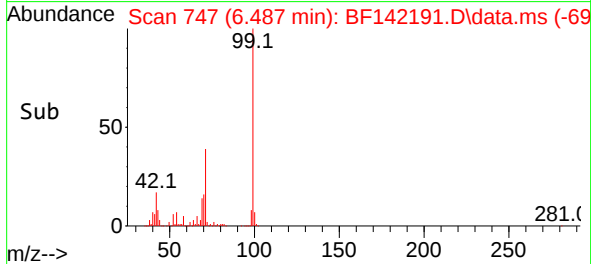
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-02



Tgt Ion: 99 Resp: 82300
Ion Ratio Lower Upper
99 100
42 16.9 14.6 21.8
71 38.8 30.8 46.2

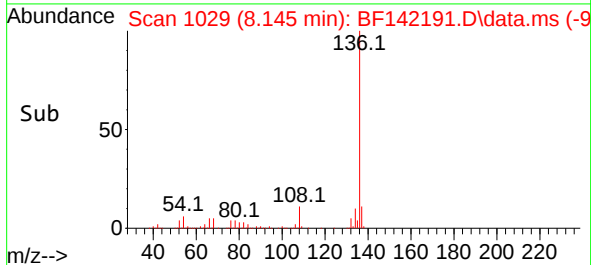
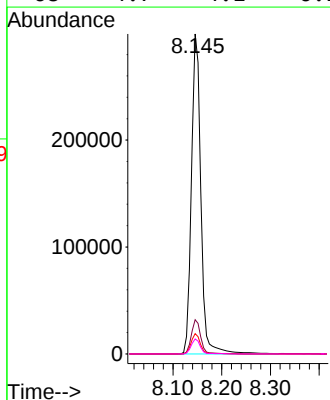
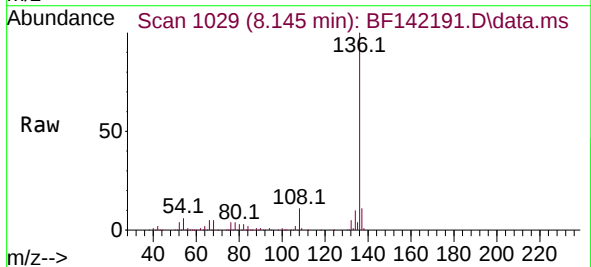
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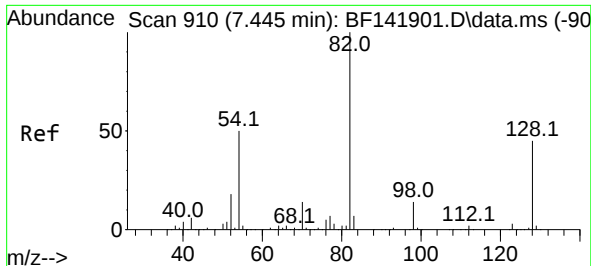
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF142191.D
Acq: 31 Mar 2025 20:26

Tgt Ion:136 Resp: 406080
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.4 5.8 8.8
68 4.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 75.729 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF142191.D

Acq: 31 Mar 2025 20:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-02

Tgt Ion: 82 Resp: 546450

Ion Ratio Lower Upper

82 100

128 46.2 36.0 54.0

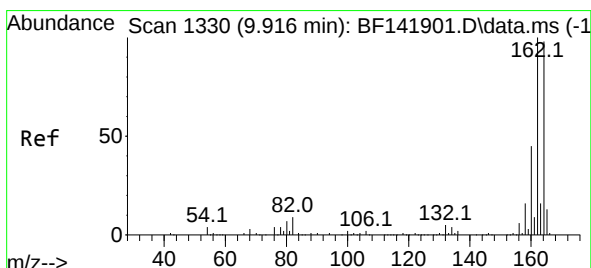
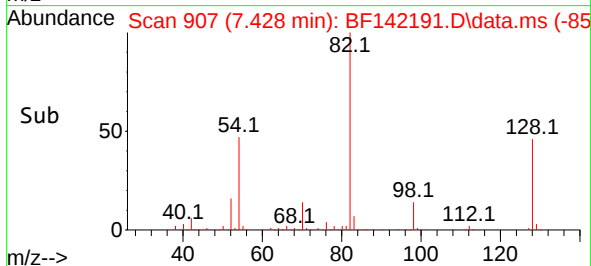
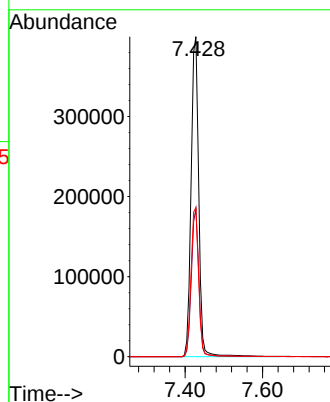
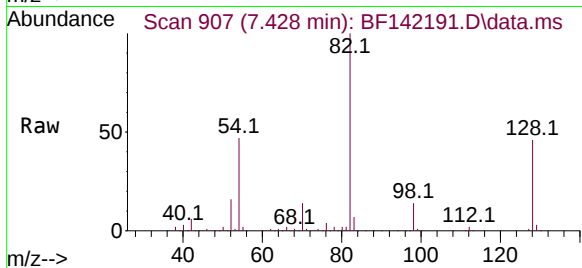
54 46.6 39.6 59.4

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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: BF142191.D

Acq: 31 Mar 2025 20:26

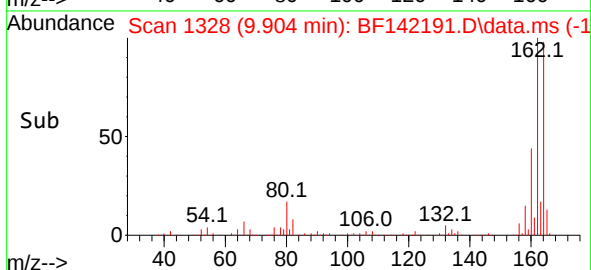
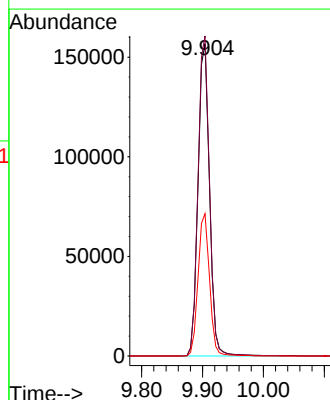
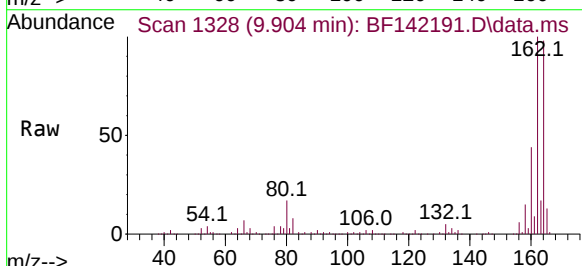
Tgt Ion:164 Resp: 205334

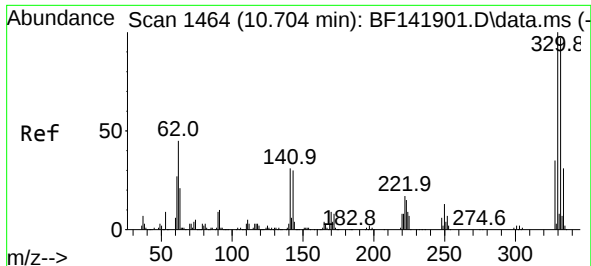
Ion Ratio Lower Upper

164 100

162 102.4 81.8 122.6

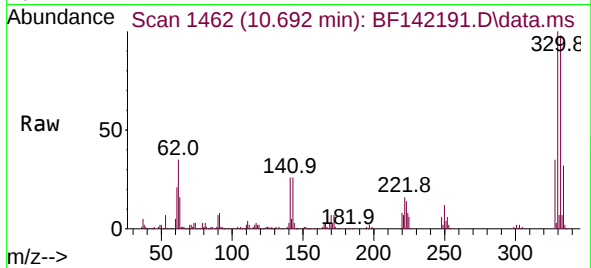
160 45.5 36.7 55.1





#42
2,4,6-Tribromophenol
Concen: 82.141 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF142191.D
Acq: 31 Mar 2025 20:26

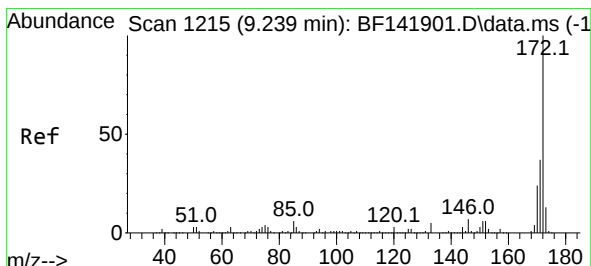
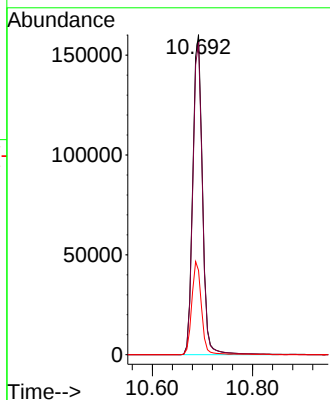
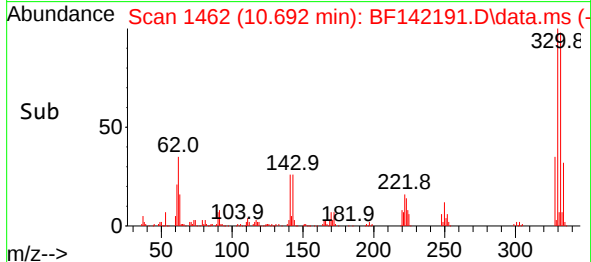
Instrument :
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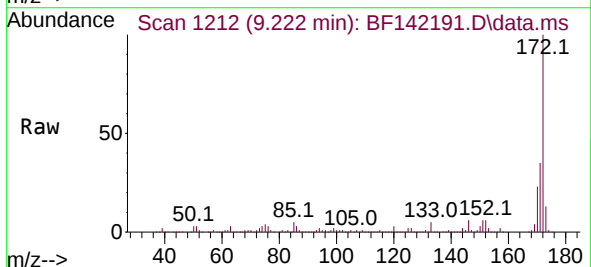
Tgt Ion: 330 Resp: 213972
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 29.2 24.7 37.1

Manual Integrations
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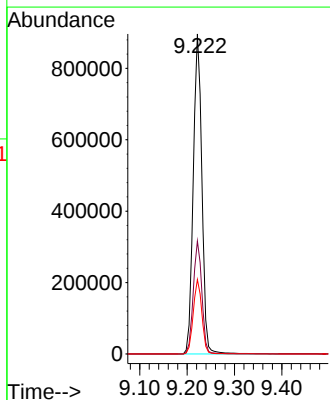
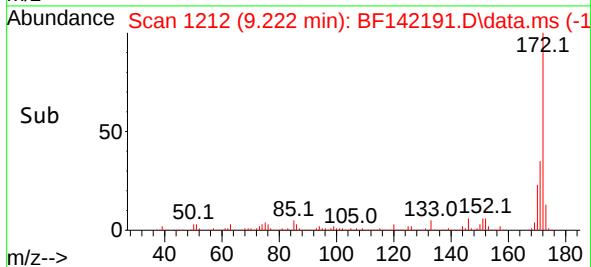
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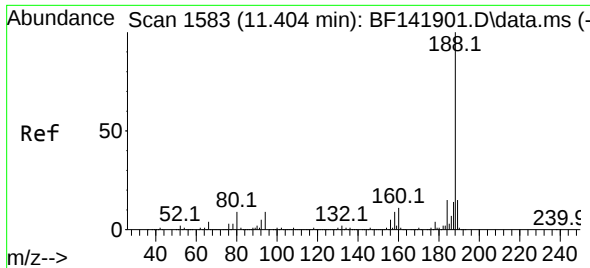


#45
2-Fluorobiphenyl
Concen: 84.331 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.018 min
Lab File: BF142191.D
Acq: 31 Mar 2025 20:26



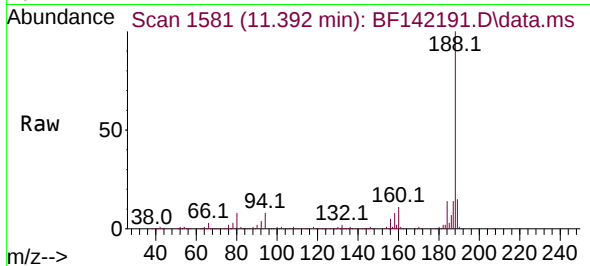
Tgt Ion: 172 Resp: 1138602
Ion Ratio Lower Upper
172 100
171 35.3 29.3 43.9
170 23.3 19.4 29.0





#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142191.D
Acq: 31 Mar 2025 20:26

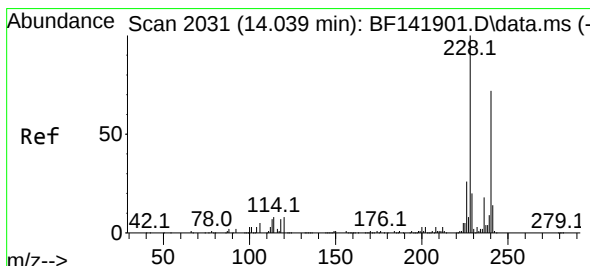
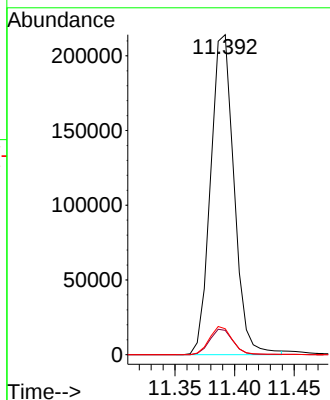
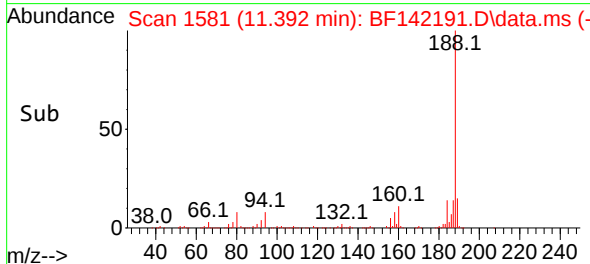
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Tgt Ion:188 Resp: 292774
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.1 7.6 11.4

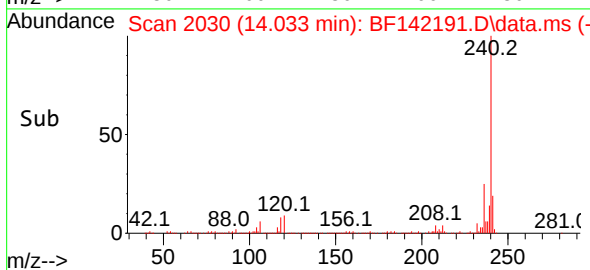
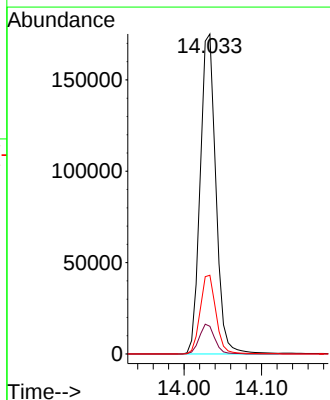
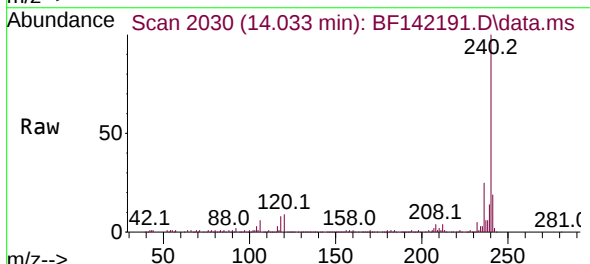
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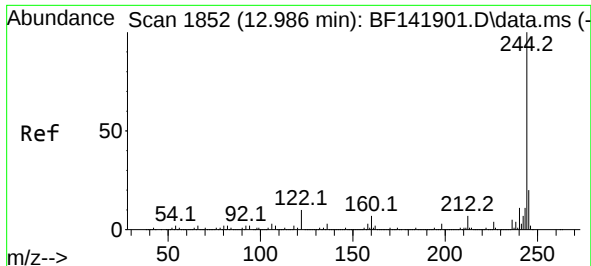
Reviewed By :Anahy Claudio 04/01/2025
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142191.D
Acq: 31 Mar 2025 20:26

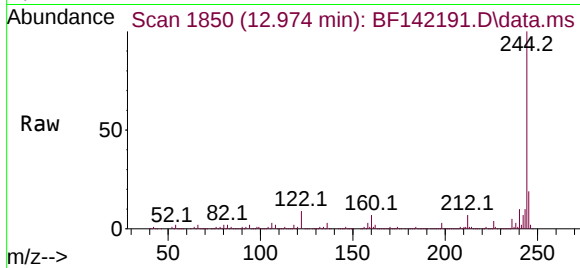
Tgt Ion:240 Resp: 246157
Ion Ratio Lower Upper
240 100
120 8.6 8.4 12.6
236 24.6 20.5 30.7





#79
 Terphenyl-d14
 Concen: 57.775 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.012 min
 Lab File: BF142191.D
 Acq: 31 Mar 2025 20:26

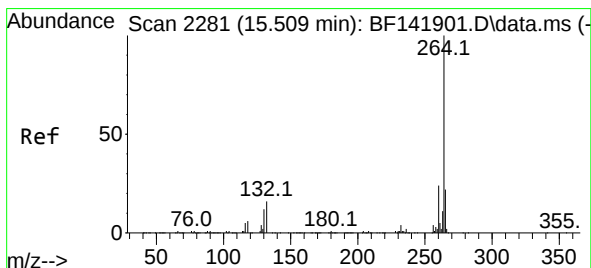
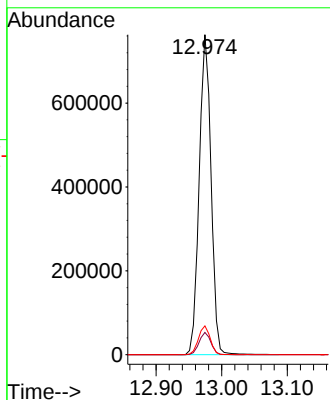
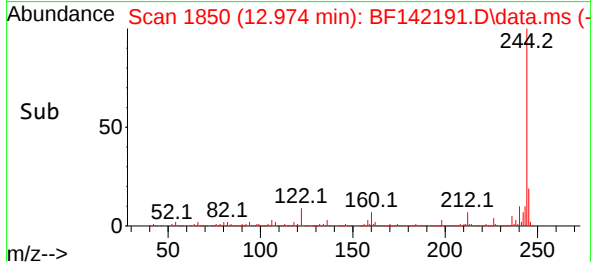
Instrument :
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Tgt Ion:244 Resp: 96193
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.0 7.7 11.5

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2281
 Delta R.T. 0.000 min
 Lab File: BF142191.D
 Acq: 31 Mar 2025 20:26

Tgt Ion:264 Resp: 308484
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.5 17.5 26.3

