

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
 Data File : BF142189.D
 Acq On : 31 Mar 2025 19:26
 Operator : RC/JU
 Sample : Q1664-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BBDGA-005-01

Manual Integrations
 APPROVED

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

Quant Time: Apr 01 00:46:54 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	106775	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	409581	20.000	ng	-0.02
39) Acenaphthene-d10	9.904	164	207976	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	314225m	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	257304	20.000	ng	-0.01
86) Perylene-d12	15.504	264	316531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	611366	95.560	ng	-0.01
7) Phenol-d6	6.487	99	769812	94.506	ng	-0.02
23) Nitrobenzene-d5	7.422	82	491903	67.587	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	226667	85.909	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	1039970	76.047	ng	-0.02
79) Terphenyl-d14	12.975	244	961311	55.236	ng	-0.01

Target Compounds	Qvalue

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

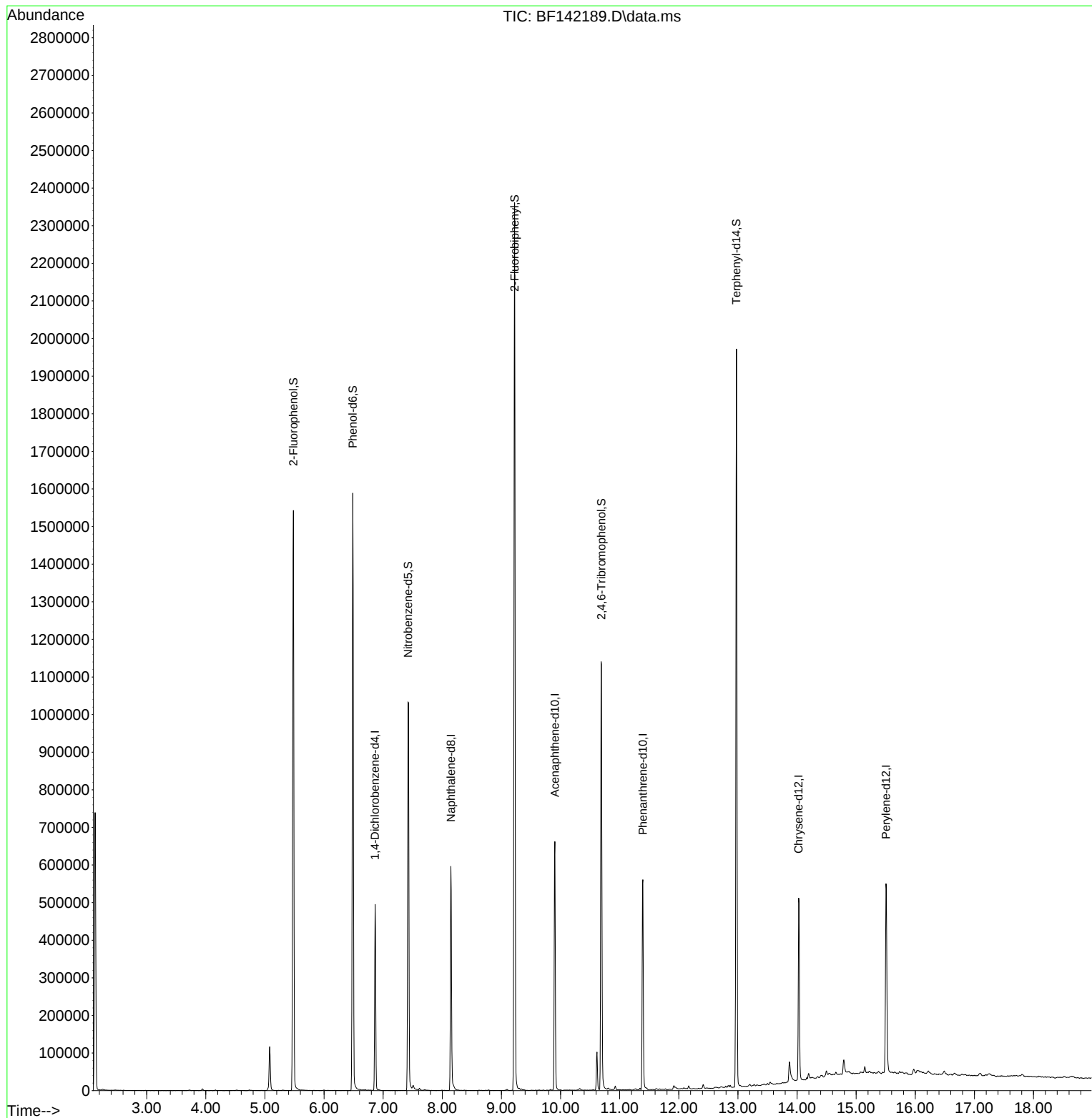
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Data File : BF142189.D
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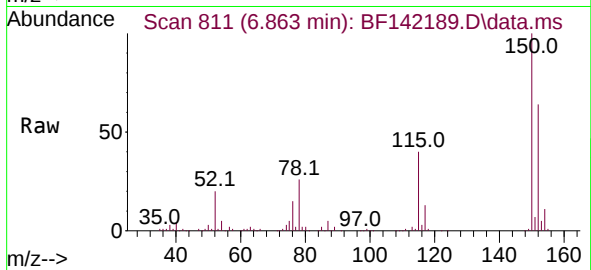
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 814
Delta R.T. -0.018 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

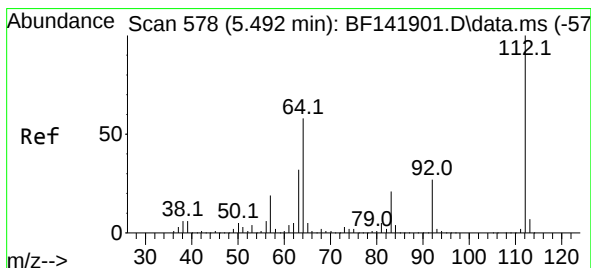
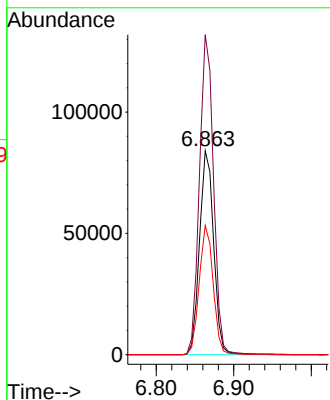
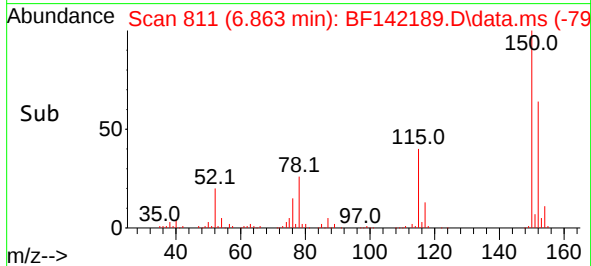
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-005-01



Tgt Ion:152 Resp: 106779
Ion Ratio Lower Upper
152 100
150 157.0 127.4 191.2
115 63.3 51.9 77.9

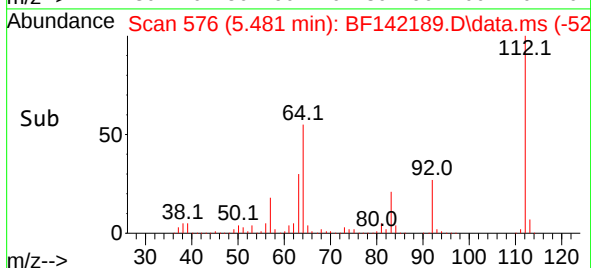
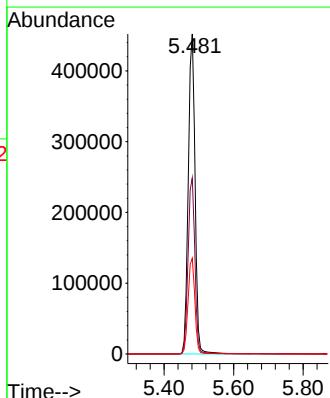
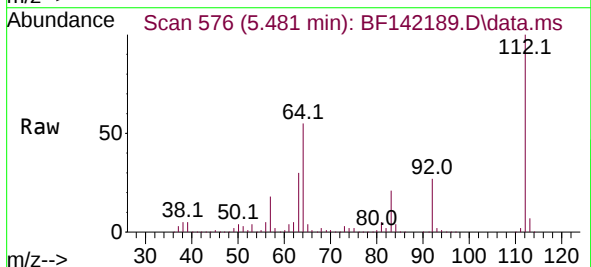
Manual Integrations
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#5
2-Fluorophenol
Concen: 95.560 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

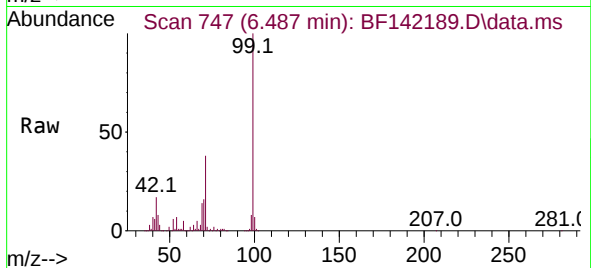
Tgt Ion:112 Resp: 611366
Ion Ratio Lower Upper
112 100
64 55.0 46.5 69.7
63 29.9 25.4 38.2





#7
Phenol-d6
Concen: 94.506 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.017 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

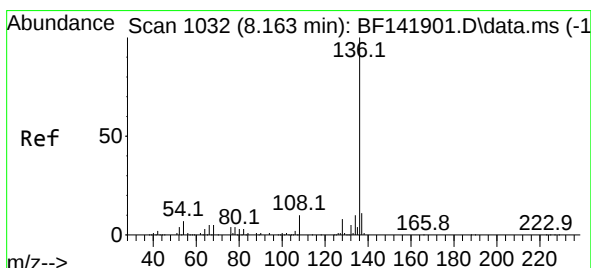
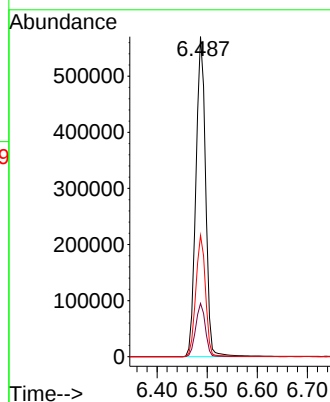
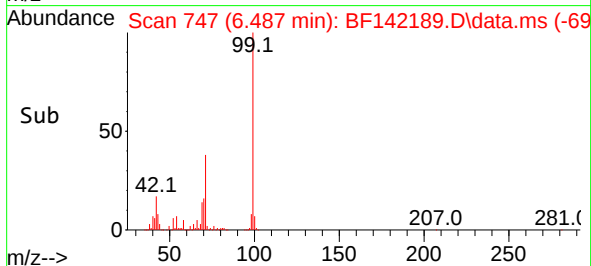
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-005-01



Tgt Ion: 99 Resp: 769812
Ion Ratio Lower Upper
99 100
42 16.6 14.6 21.8
71 37.9 30.8 46.2

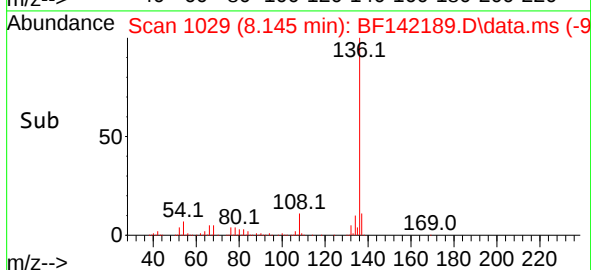
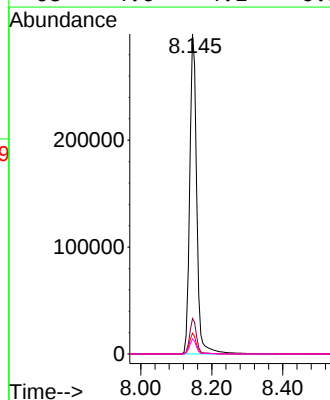
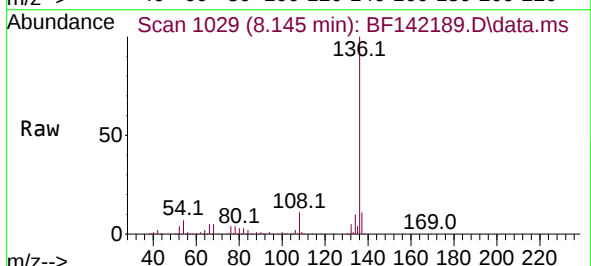
Manual Integrations
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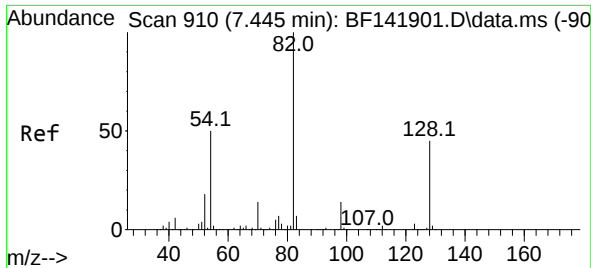
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

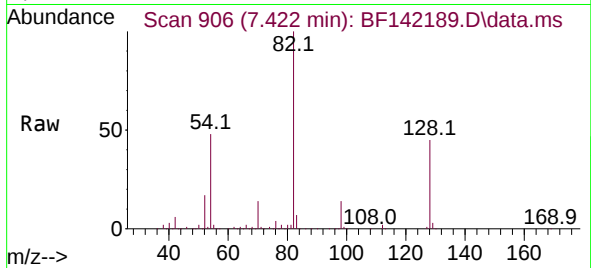
Tgt Ion:136 Resp: 409581
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.5 5.8 8.8
68 4.6 4.1 6.1





#23
Nitrobenzene-d5
Concen: 67.587 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.023 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

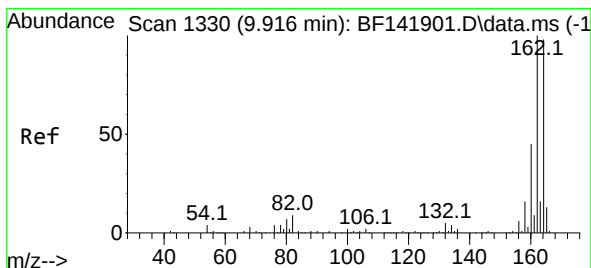
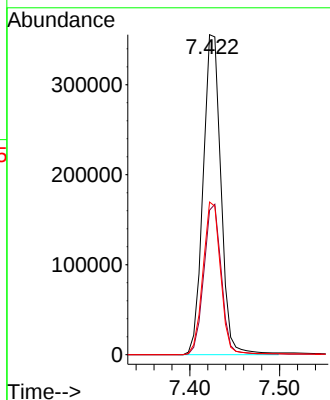
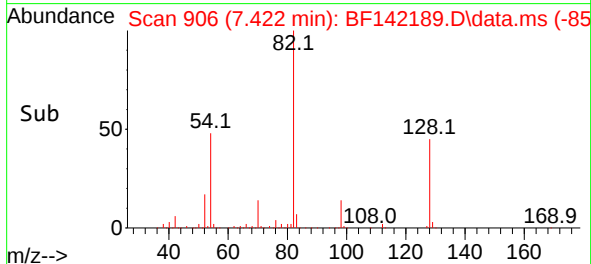
Instrument :
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ClientSampleId :
P001-BBDGA-005-01



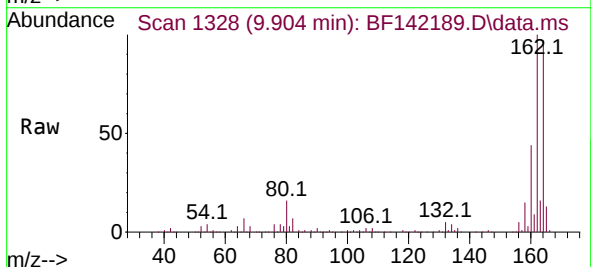
Tgt Ion: 82 Resp: 49190
Ion Ratio Lower Upper
82 100
128 45.2 36.0 54.0
54 47.7 39.6 59.4

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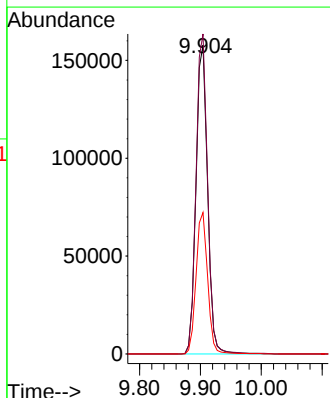
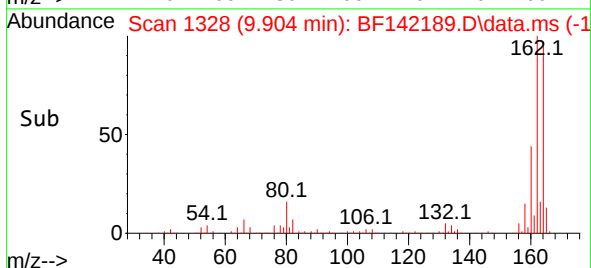
Reviewed By :Anahy Claudio 04/01/2025
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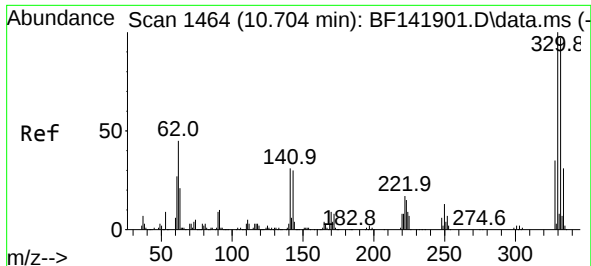


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26



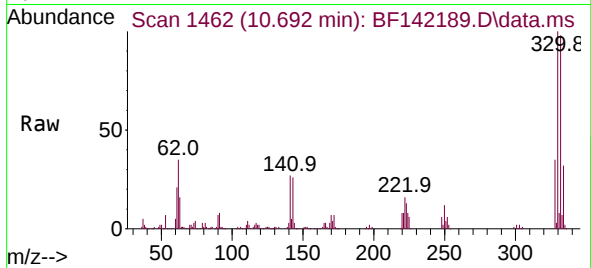
Tgt Ion:164 Resp: 207976
Ion Ratio Lower Upper
164 100
162 103.6 81.8 122.6
160 45.8 36.7 55.1





#42
2,4,6-Tribromophenol
Concen: 85.909 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

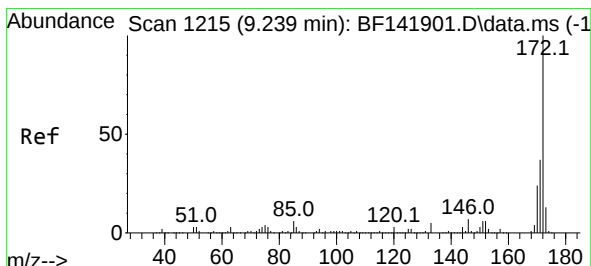
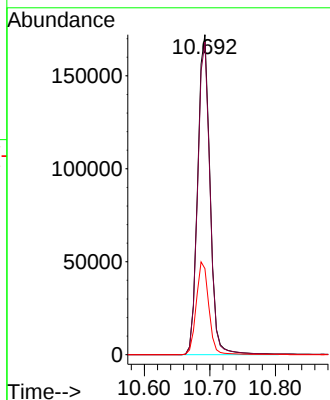
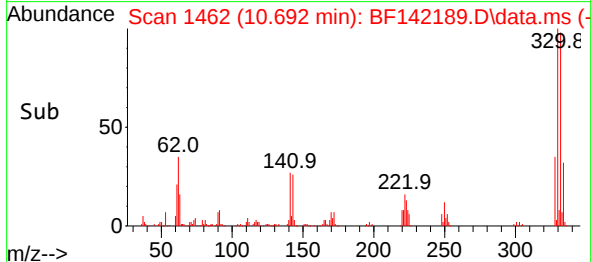
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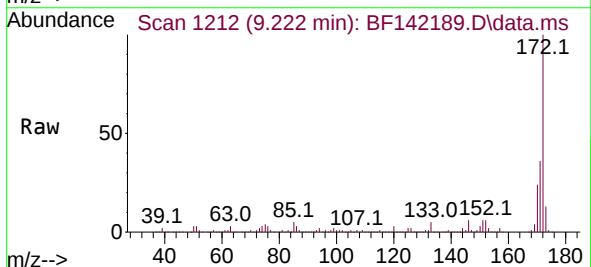
Tgt Ion:330 Resp: 22666
Ion Ratio Lower Upper
330 100
332 97.6 77.6 116.4
141 29.4 24.7 37.1

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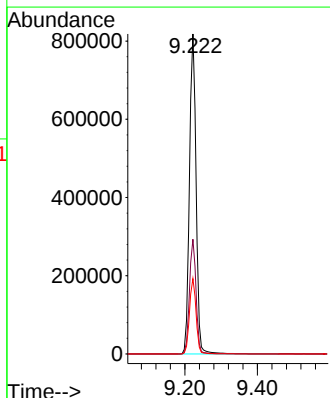
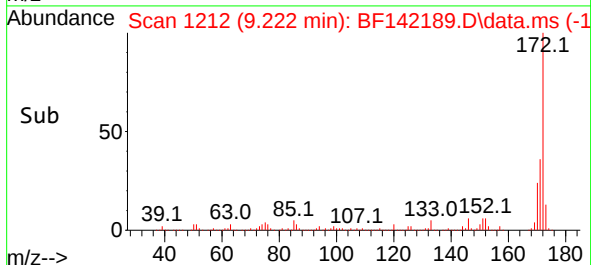
Reviewed By :Anahy Claudio 04/01/2025
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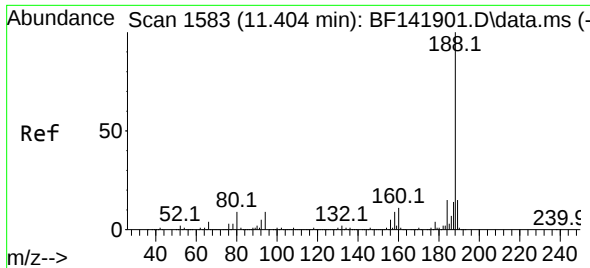


#45
2-Fluorobiphenyl
Concen: 76.047 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.017 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26



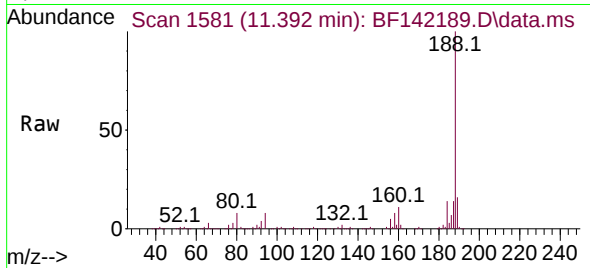
Tgt Ion:172 Resp: 1039970
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 23.6 19.4 29.0





#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.392 min Scan# 11392
Delta R.T. -0.012 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26

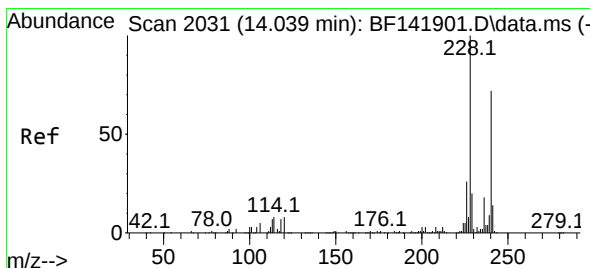
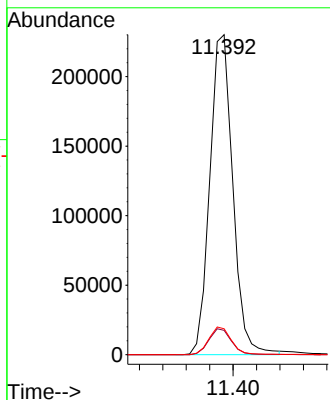
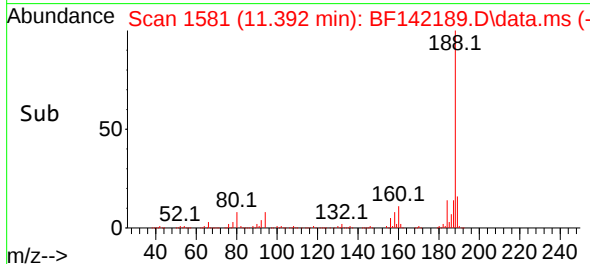
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P001-BBDGA-005-01



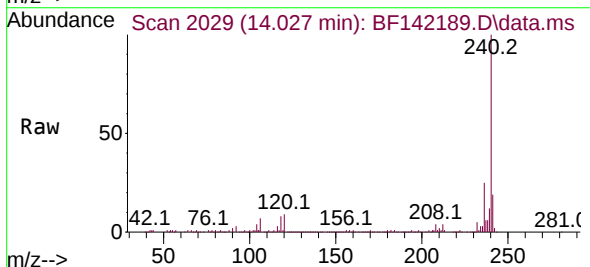
Tgt Ion:188 Resp: 314225
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.1 7.6 11.4

Manual Integrations
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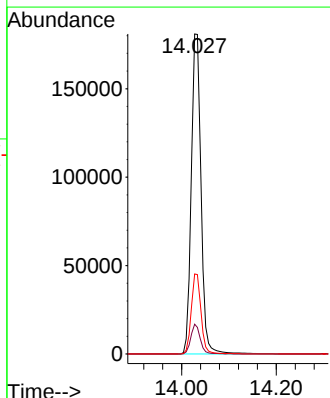
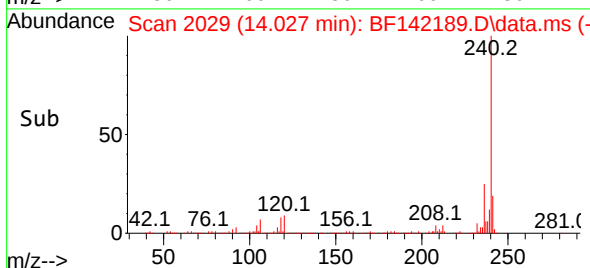
Reviewed By :Anahy Claudio 04/01/2025
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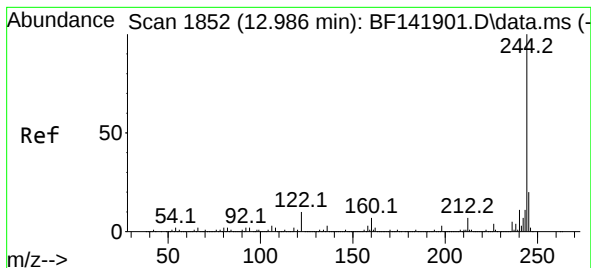


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF142189.D
Acq: 31 Mar 2025 19:26



Tgt Ion:240 Resp: 257304
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 25.0 20.5 30.7





#79

Terphenyl-d14

Concen: 55.236 ng

RT: 12.975 min Scan# 1850

Delta R.T. -0.012 min

Lab File: BF142189.D

Acq: 31 Mar 2025 19:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-005-01

Tgt Ion:244 Resp: 96131

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

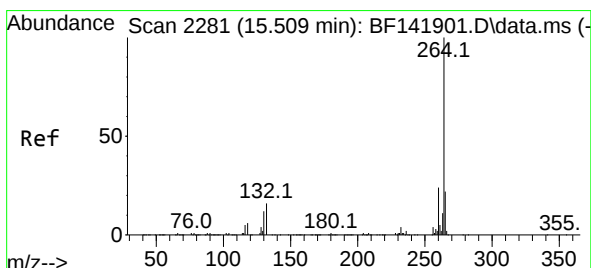
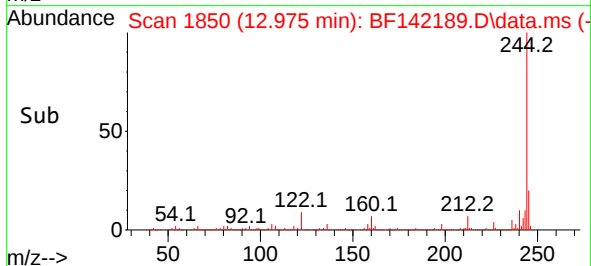
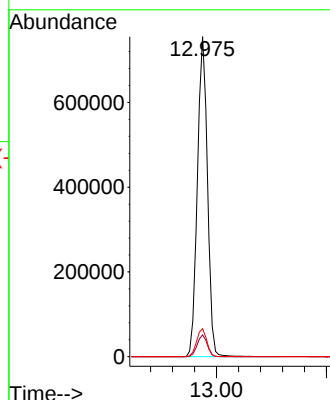
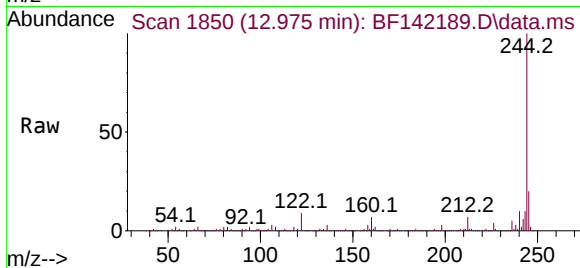
122 8.7 7.7 11.5

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: BF142189.D

Acq: 31 Mar 2025 19:26

Tgt Ion:264 Resp: 316531

Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 21.4 17.5 26.3

