

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
 Data File : BF142188.D
 Acq On : 31 Mar 2025 18:57
 Operator : RC/JU
 Sample : Q1664-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BBDGA-001-01

Manual Integrations
 APPROVED

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

Quant Time: Mar 31 19:33:43 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	6.863	152	110599	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	419746	20.000	ng	-0.02
39) Acenaphthene-d10	9.904	164	224376	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	340268m	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	279969	20.000	ng	0.00
86) Perylene-d12	15.510	264	334755	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	622677	93.963	ng	-0.01
7) Phenol-d6	6.487	99	858500	101.749	ng	-0.02
23) Nitrobenzene-d5	7.428	82	588084	78.845	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	188057	66.066	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	1258269	85.285	ng	-0.02
79) Terphenyl-d14	12.974	244	1218849	64.365	ng	-0.01

Target Compounds	Qvalue

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

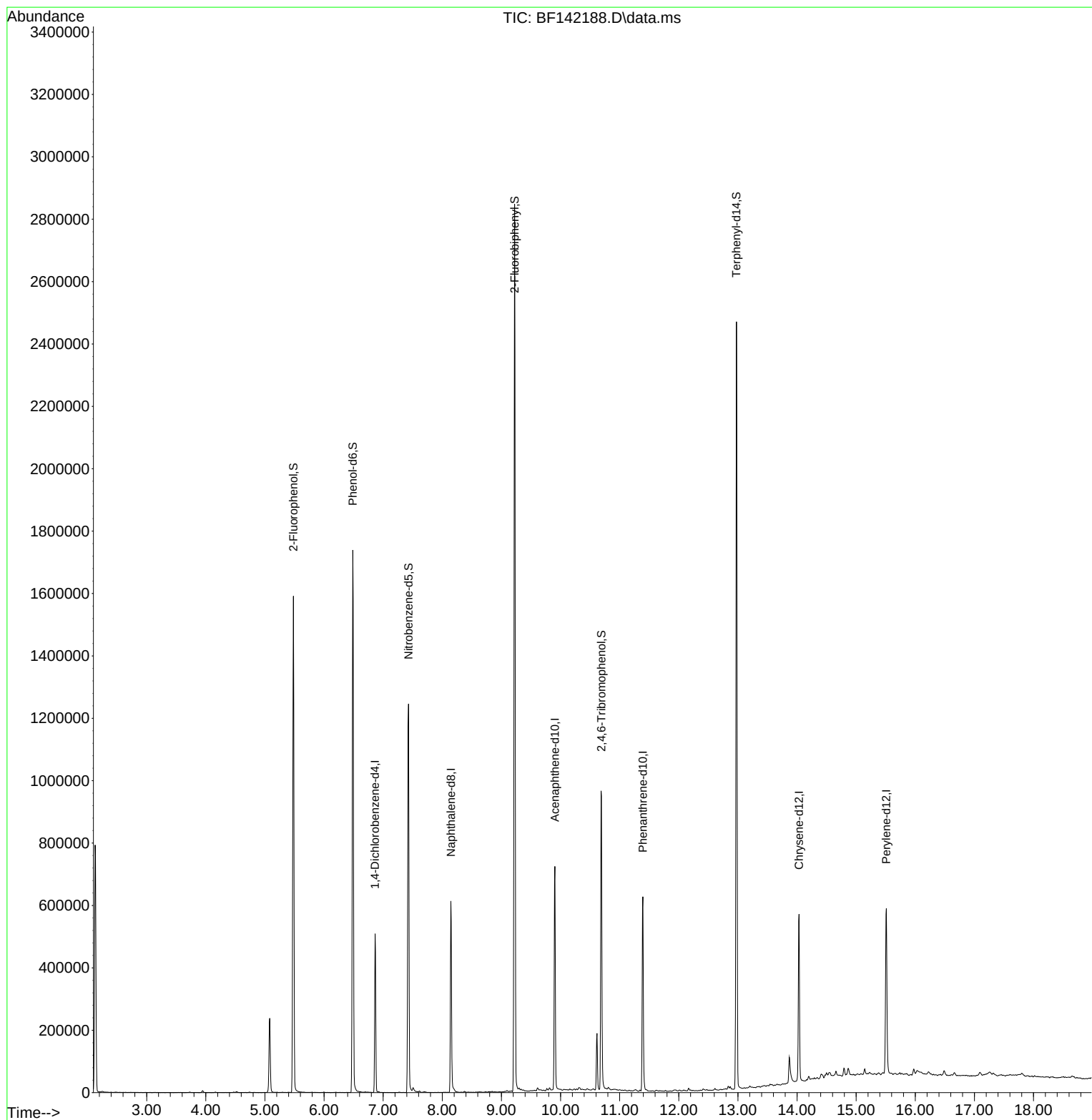
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142188.D
Acq On : 31 Mar 2025 18:57
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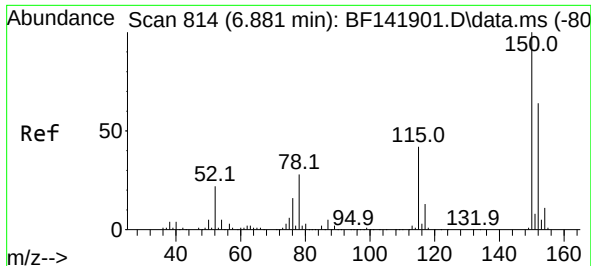
Instrument :
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Quant Time: Mar 31 19:33:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

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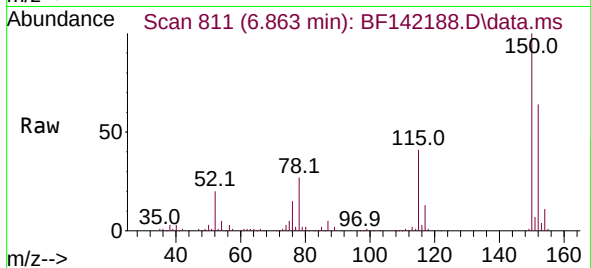
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 814
Delta R.T. -0.018 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

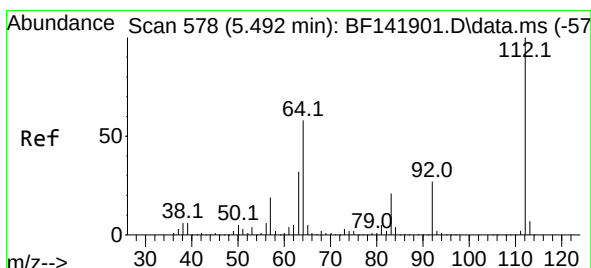
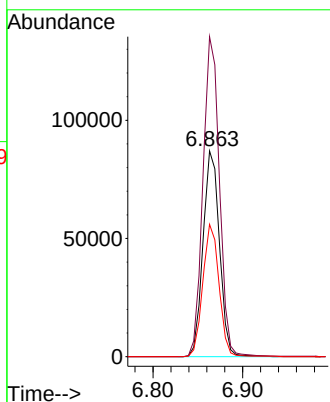
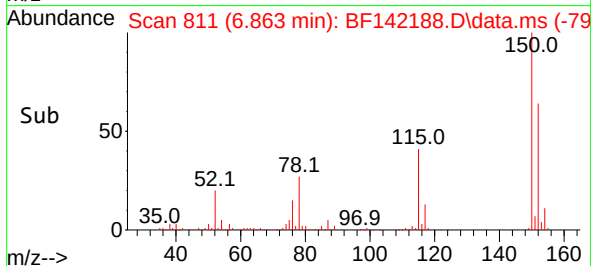
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01



Tgt Ion:152 Resp: 110599
Ion Ratio Lower Upper
152 100
150 155.5 127.4 191.2
115 64.3 51.9 77.9

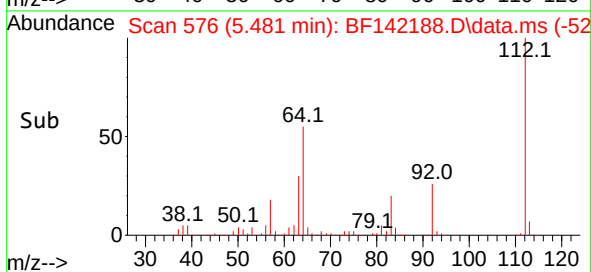
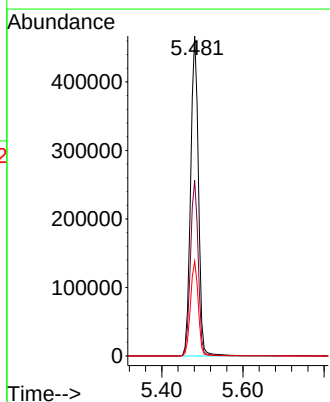
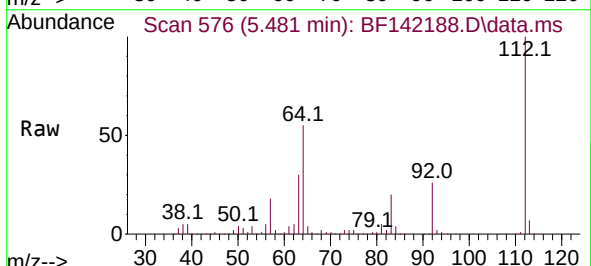
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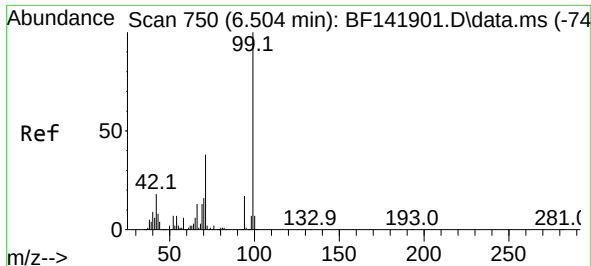
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#5
2-Fluorophenol
Concen: 93.963 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

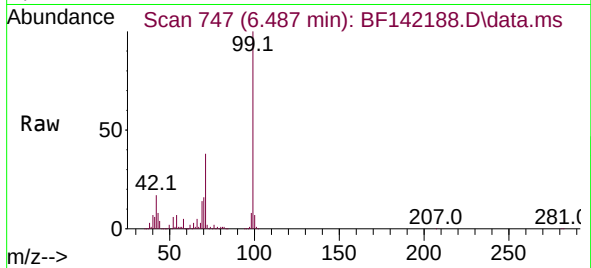
Tgt Ion:112 Resp: 622677
Ion Ratio Lower Upper
112 100
64 55.0 46.5 69.7
63 29.6 25.4 38.2





#7
Phenol-d6
Concen: 101.749 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

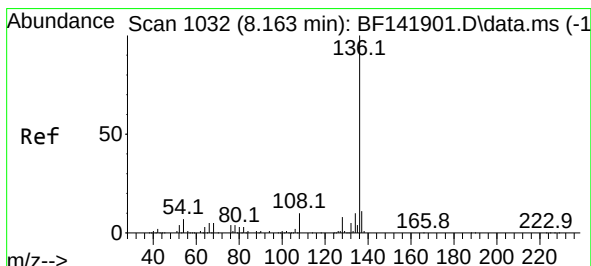
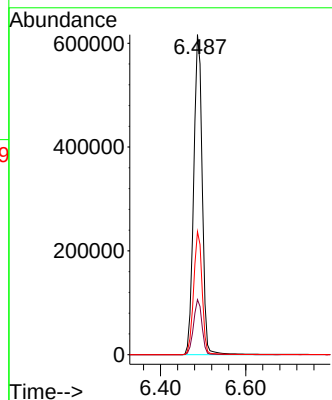
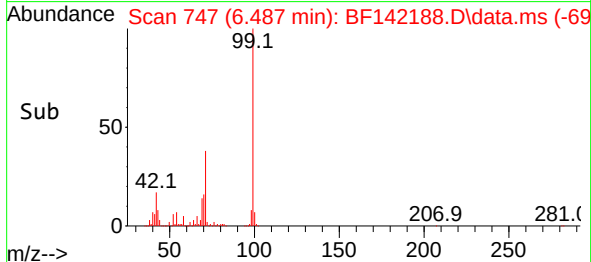
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01



Tgt Ion: 99 Resp: 858500
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 38.5 30.8 46.2

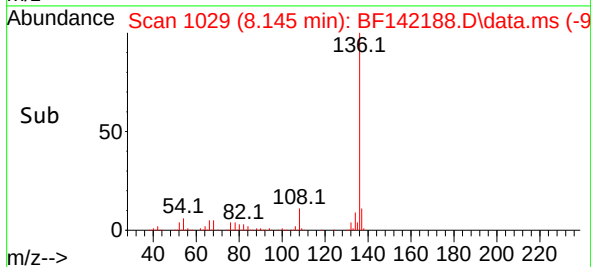
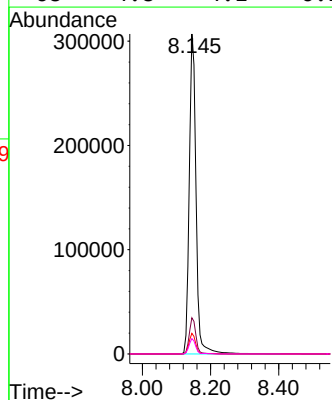
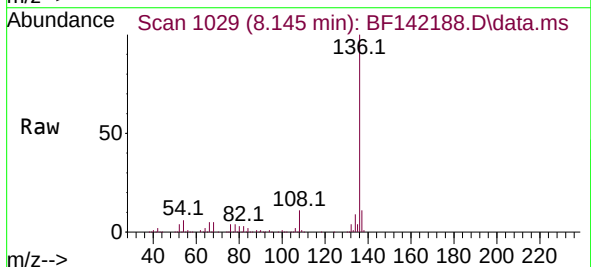
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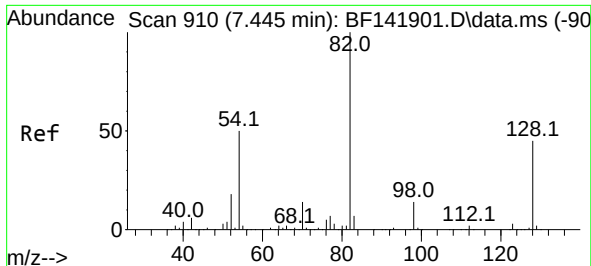
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

Tgt Ion:136 Resp: 419746
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.5 5.8 8.8
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 78.845 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF142188.D

Acq: 31 Mar 2025 18:57

Instrument :

BNA_F

ClientSampleId :

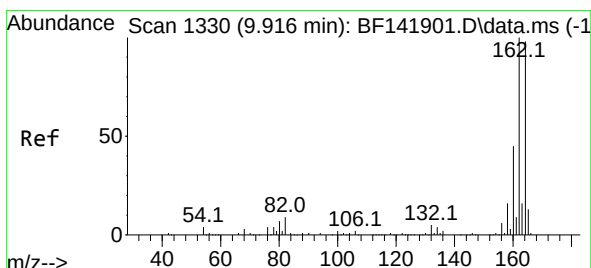
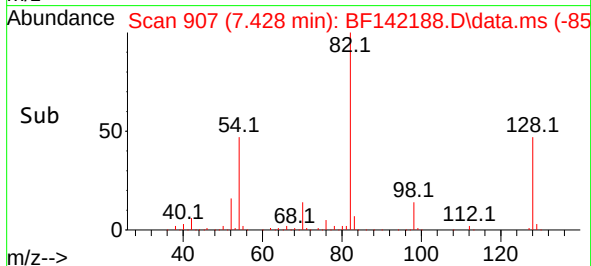
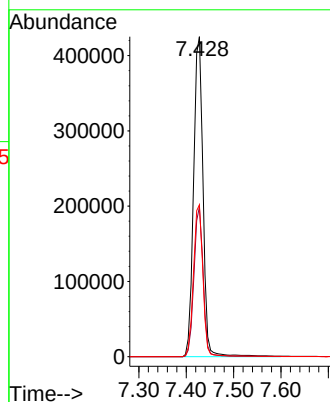
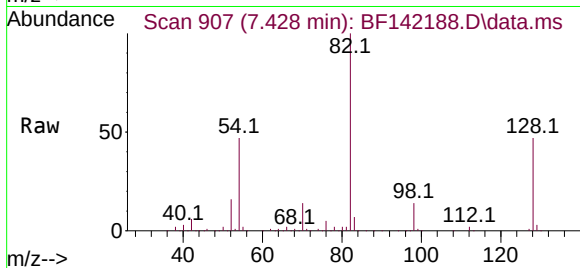
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Tgt Ion: 82 Resp: 588084
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.0 54.0
 54 47.4 39.6 59.4

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#39

Acenaphthene-d10

Concen: 20.000 ng

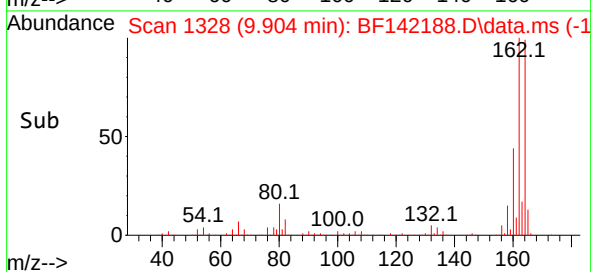
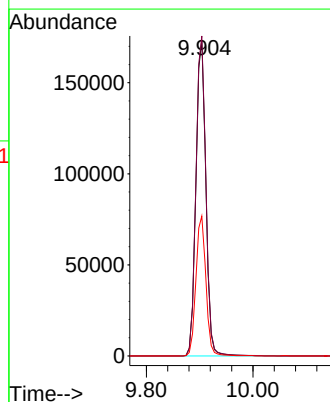
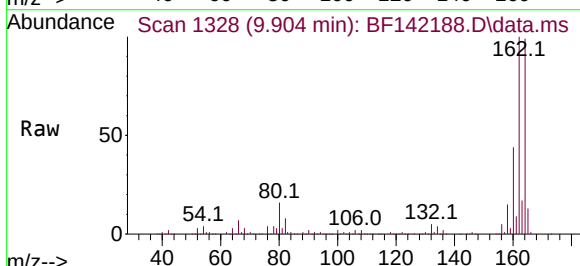
RT: 9.904 min Scan# 1328

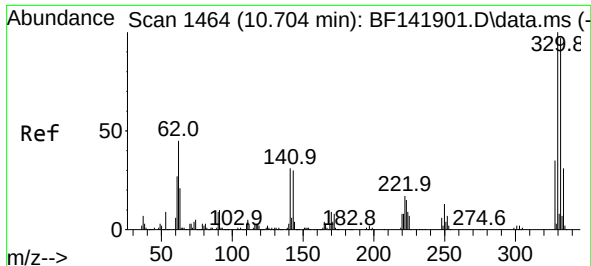
Delta R.T. -0.012 min

Lab File: BF142188.D

Acq: 31 Mar 2025 18:57

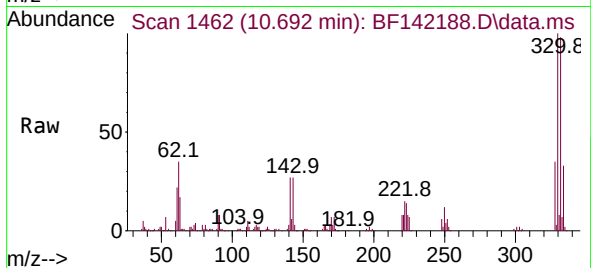
Tgt Ion:164 Resp: 224376
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.8 122.6
 160 44.2 36.7 55.1





#42
2,4,6-Tribromophenol
Concen: 66.066 ng
RT: 10.692 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

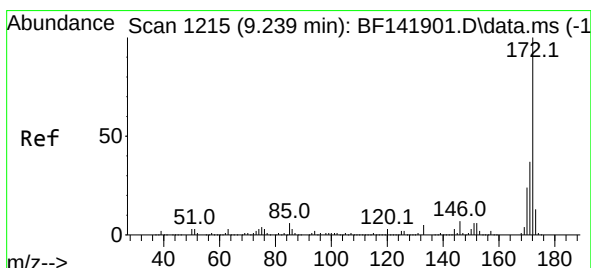
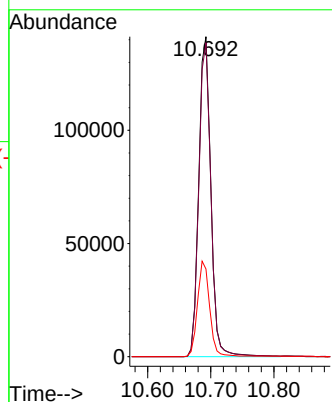
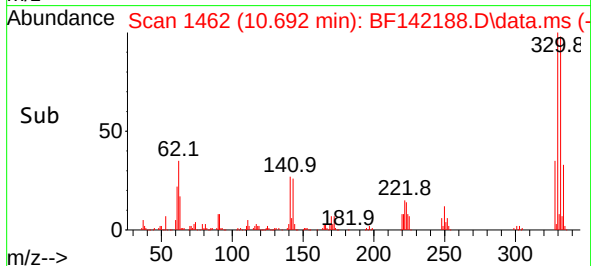
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01



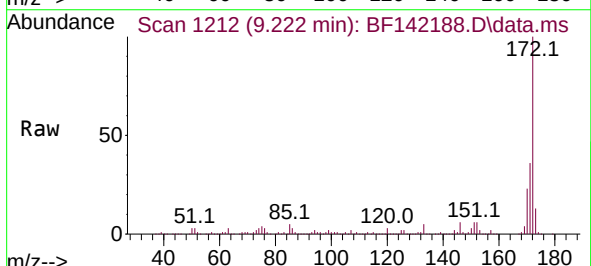
Tgt Ion: 330 Resp: 18805
Ion Ratio Lower Upper
330 100
332 98.2 77.6 116.4
141 30.2 24.7 37.1

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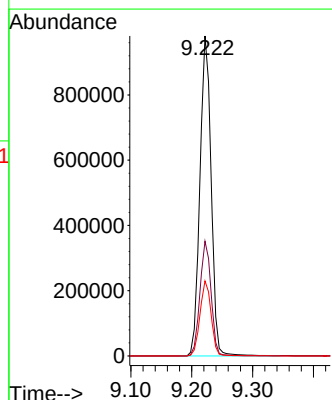
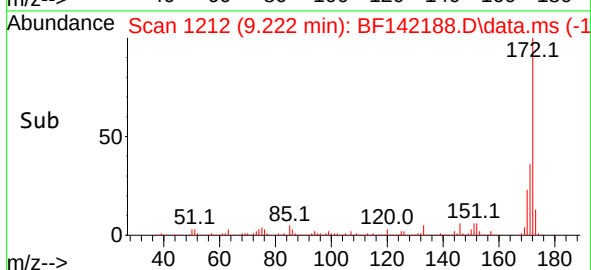
Reviewed By :Anahy Claudio 04/01/2025
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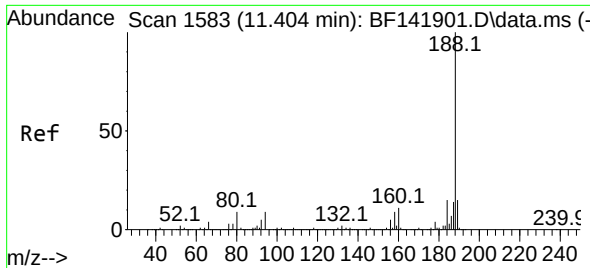


#45
2-Fluorobiphenyl
Concen: 85.285 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.018 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57



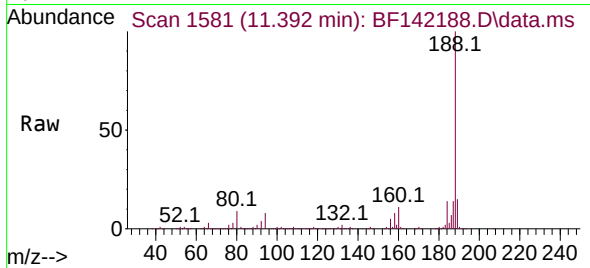
Tgt Ion: 172 Resp: 1258269
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 23.4 19.4 29.0





#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.392 min Scan# 11392
Delta R.T. -0.012 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

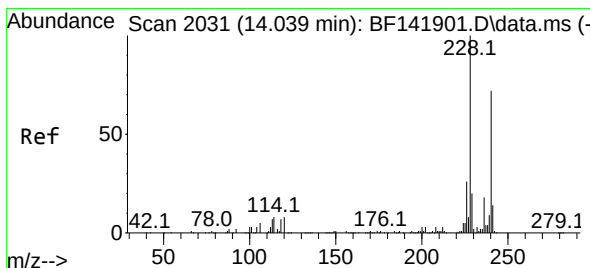
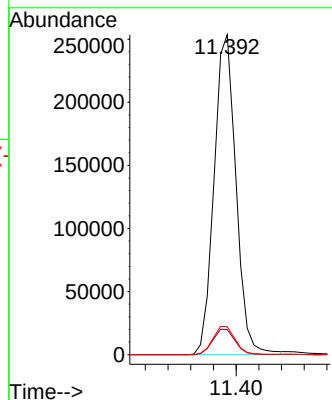
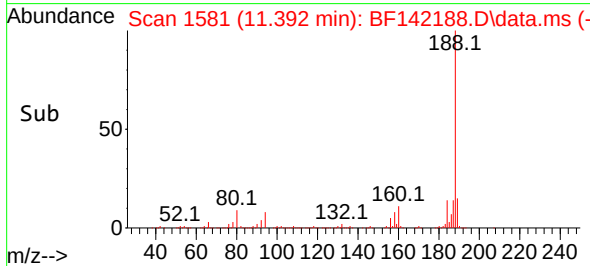
Instrument :
BNA_F
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P001-BBDGA-001-01



Tgt Ion:188 Resp: 340268
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.8 7.6 11.4

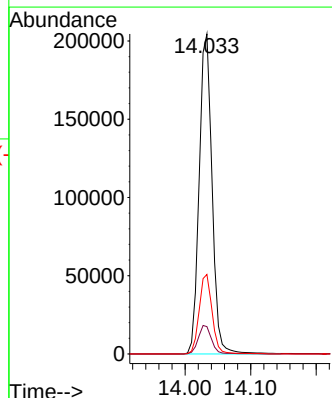
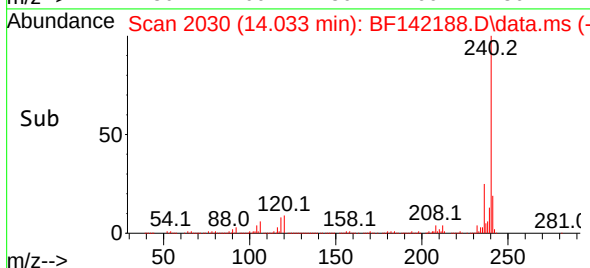
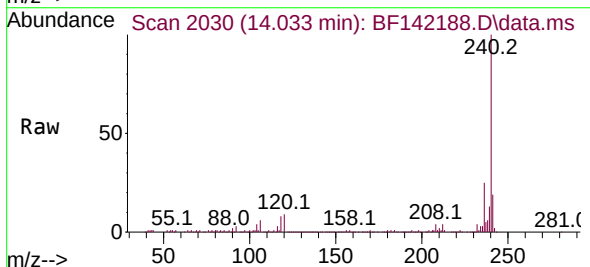
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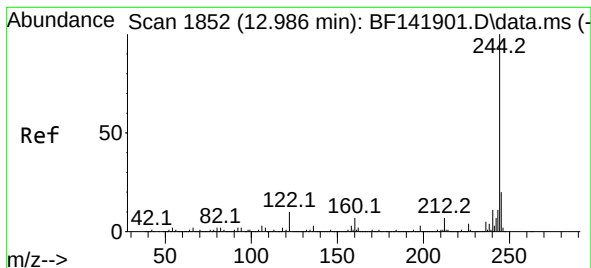
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142188.D
Acq: 31 Mar 2025 18:57

Tgt Ion:240 Resp: 279969
Ion Ratio Lower Upper
240 100
120 8.6 8.4 12.6
236 24.9 20.5 30.7





#79

Terphenyl-d14

Concen: 64.365 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.012 min

Lab File: BF142188.D

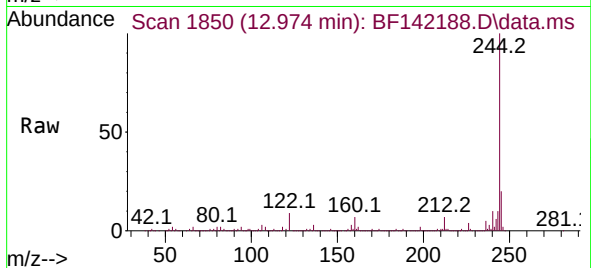
Acq: 31 Mar 2025 18:57

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01



Tgt Ion:244 Resp: 1218849

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

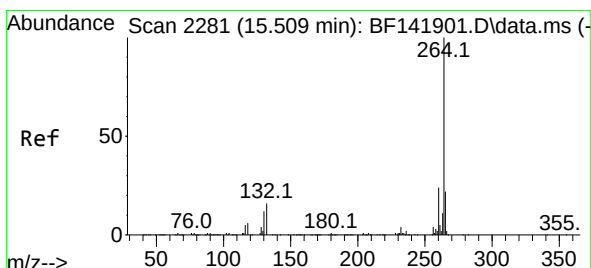
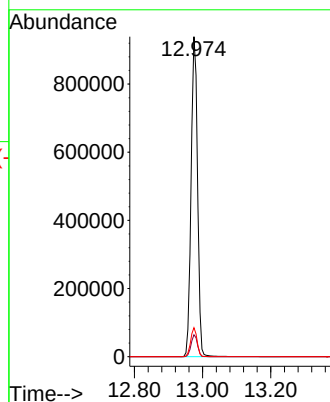
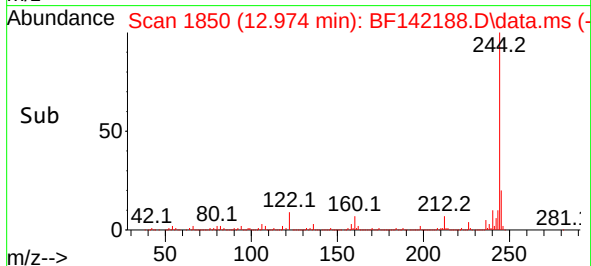
122 9.0 7.7 11.5

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: BF142188.D

Acq: 31 Mar 2025 18:57

Tgt Ion:264 Resp: 334755

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.7 17.5 26.3

