

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
 Data File : BF142190.D
 Acq On : 31 Mar 2025 19:56
 Operator : RC/JU
 Sample : Q1664-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BBDGA-007-01

Manual Integrations
 APPROVED

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

Quant Time: Apr 01 00:47:13 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	123407	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	471110	20.000	ng	-0.02
39) Acenaphthene-d10	9.904	164	230557	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	352364m	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	257348	20.000	ng	0.00
86) Perylene-d12	15.509	264	307223	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	988528	133.689	ng	0.00
7) Phenol-d6	6.492	99	1320144	140.224	ng	-0.01
23) Nitrobenzene-d5	7.428	82	820177	97.973	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	376057	128.570	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	1511974	99.734	ng	-0.02
79) Terphenyl-d14	12.974	244	1268490	72.874	ng	-0.01

Target Compounds Qvalue

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

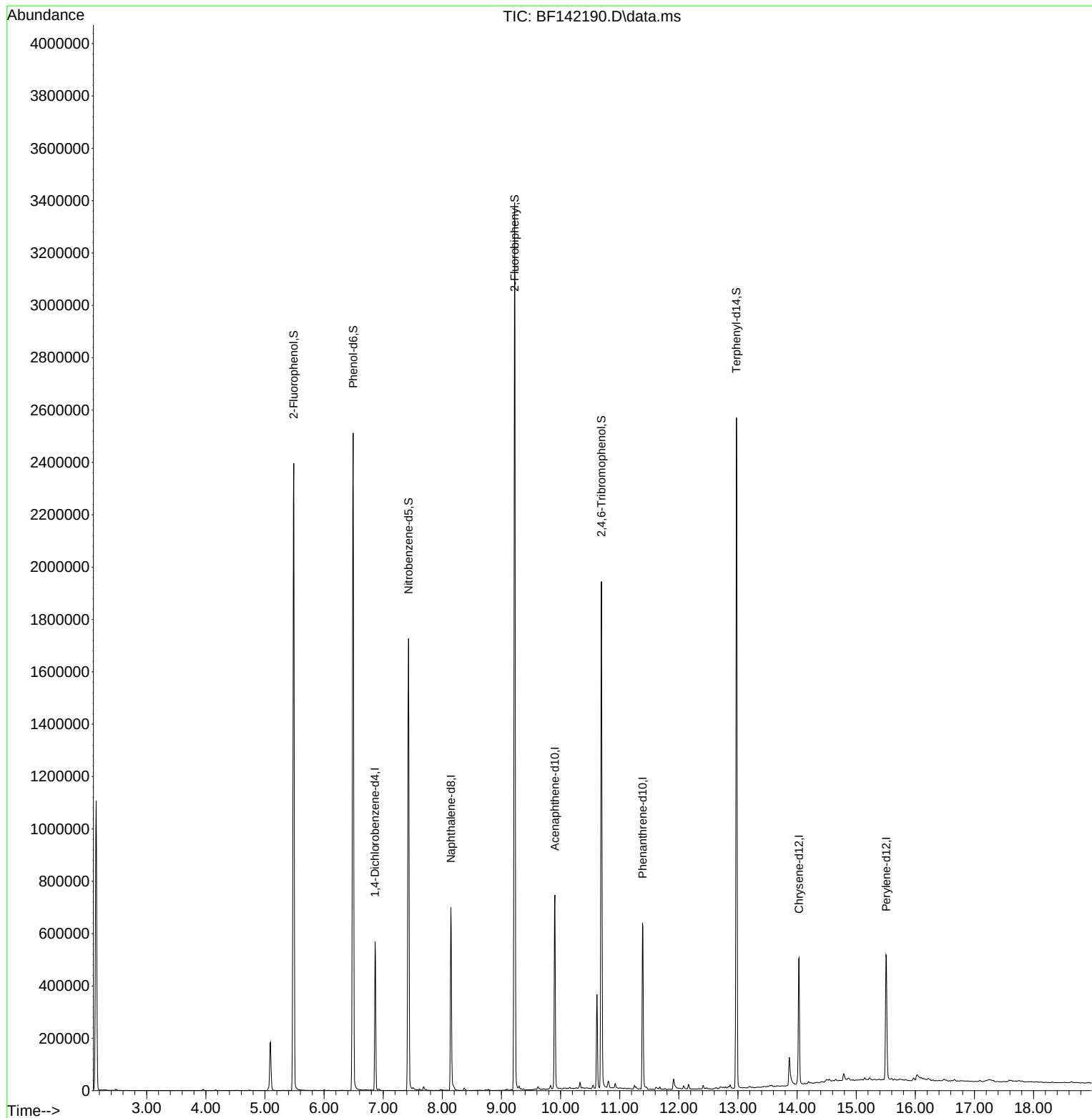
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Data File : BF142190.D
Acq On : 31 Mar 2025 19:56
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ALS Vial : 17 Sample Multiplier: 1

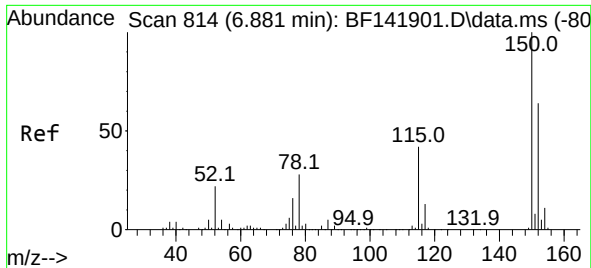
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Quant Time: Apr 01 00:47:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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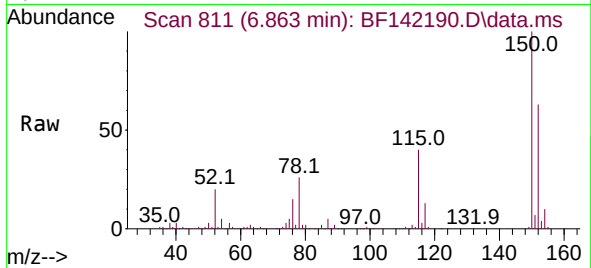
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 814
Delta R.T. -0.018 min
Lab File: BF142190.D
Acq: 31 Mar 2025 19:56

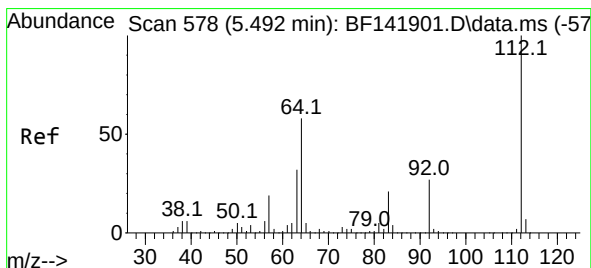
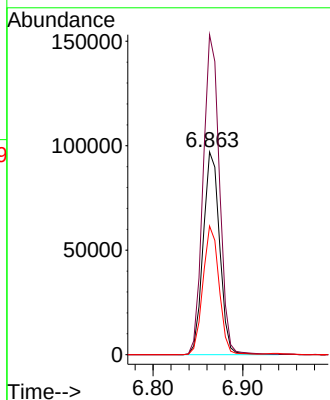
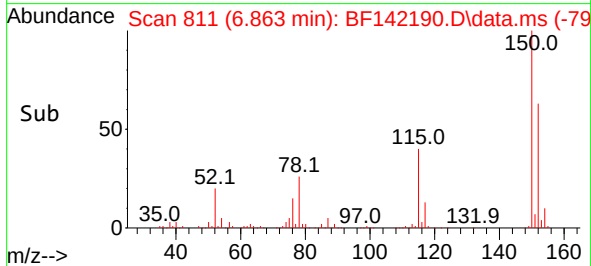
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-007-01



Tgt Ion:152 Resp: 12340
Ion Ratio Lower Upper
152 100
150 157.9 127.4 191.2
115 63.5 51.9 77.9

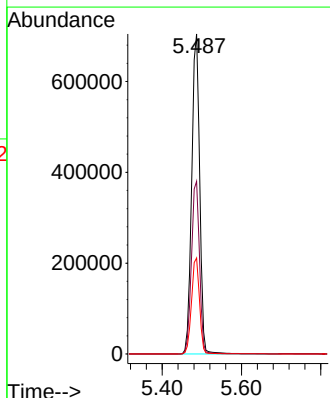
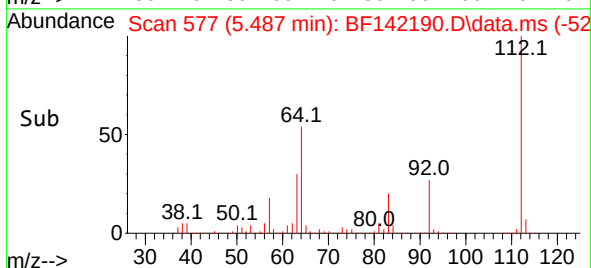
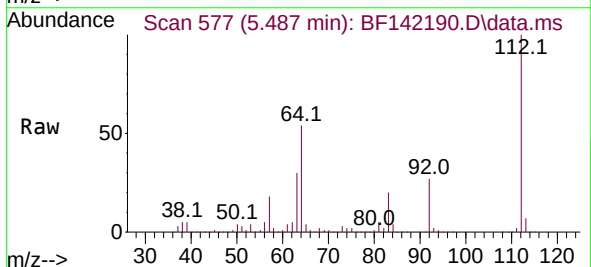
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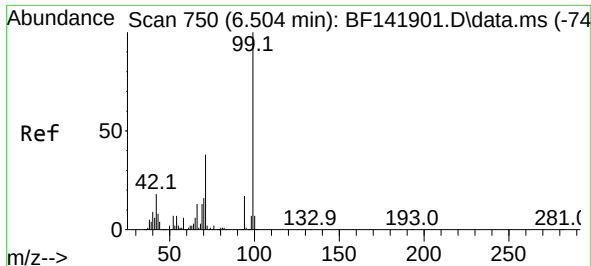
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#5
2-Fluorophenol
Concen: 133.689 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF142190.D
Acq: 31 Mar 2025 19:56

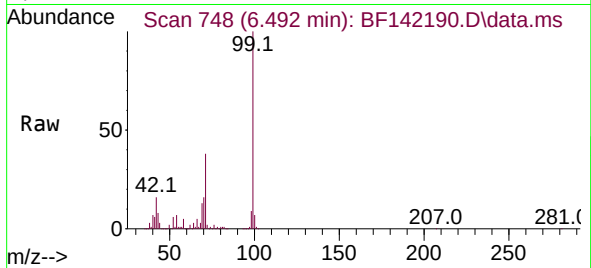
Tgt Ion:112 Resp: 988528
Ion Ratio Lower Upper
112 100
64 54.0 46.5 69.7
63 30.0 25.4 38.2





#7
Phenol-d6
Concen: 140.224 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142190.D
Acq: 31 Mar 2025 19:56

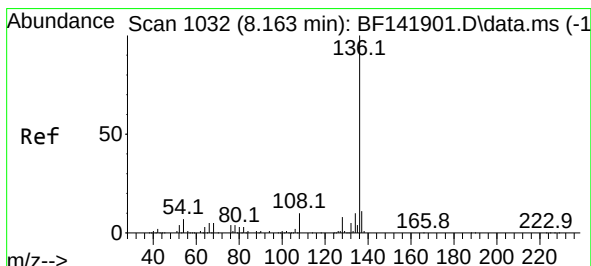
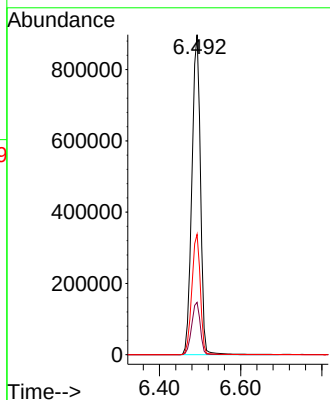
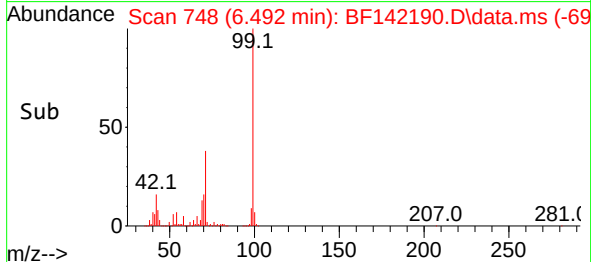
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-007-01



Tgt Ion: 99 Resp: 1320144
Ion Ratio Lower Upper
99 100
42 16.3 14.6 21.8
71 37.6 30.8 46.2

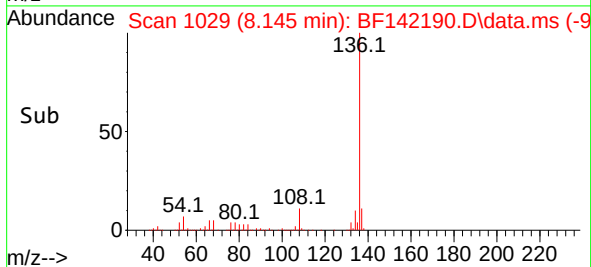
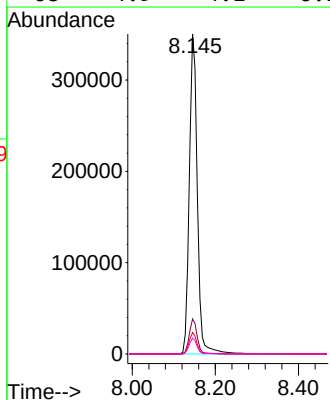
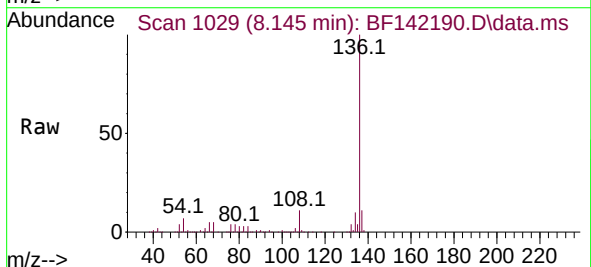
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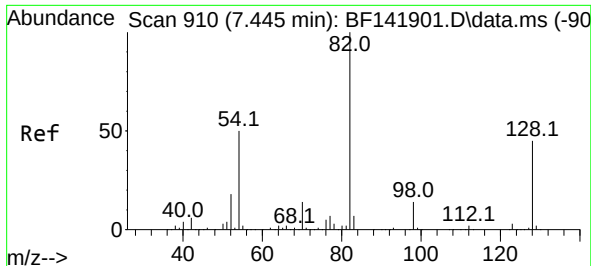
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF142190.D
Acq: 31 Mar 2025 19:56

Tgt Ion:136 Resp: 471110
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.7 5.8 8.8
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 97.973 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF142190.D

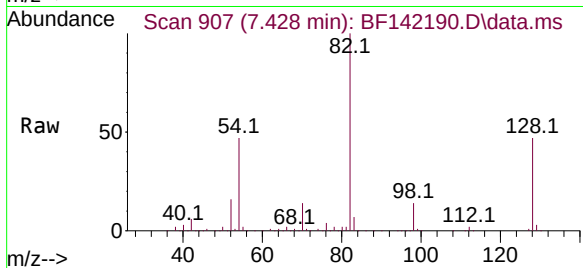
Acq: 31 Mar 2025 19:56

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-007-01



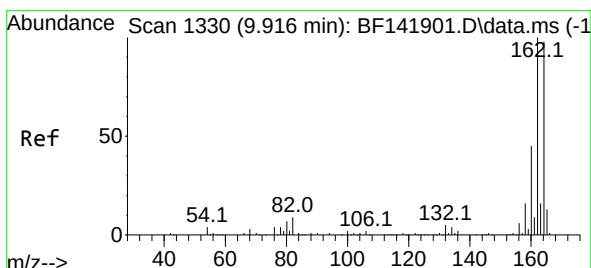
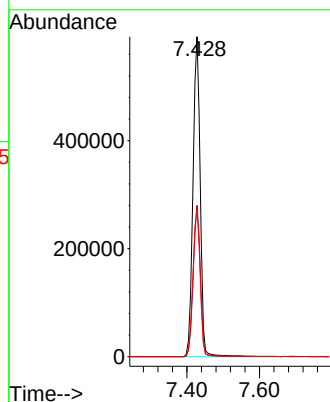
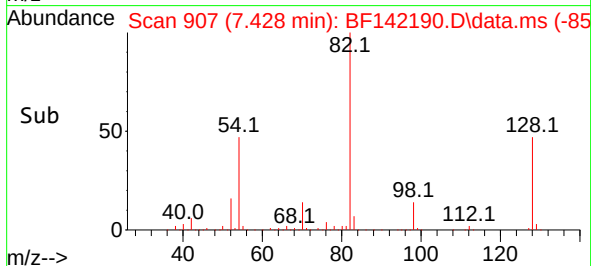
Tgt Ion: 82 Resp: 82017

Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.0	54.0
54	46.7	39.6	59.4

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

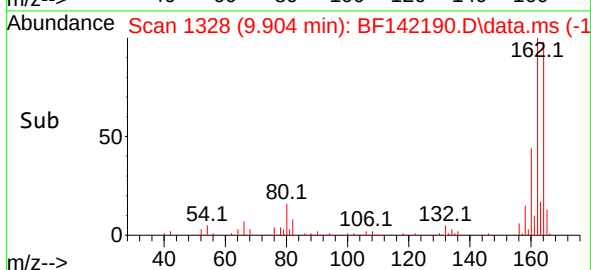
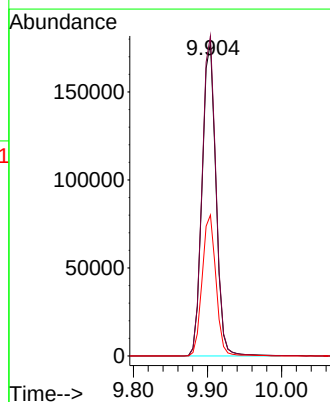
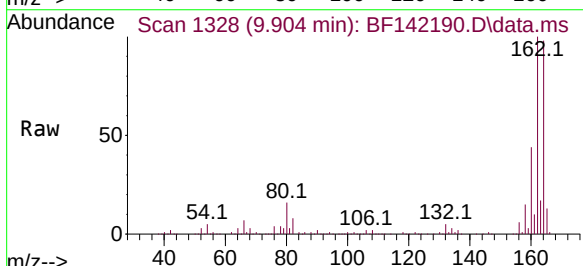
Delta R.T. -0.012 min

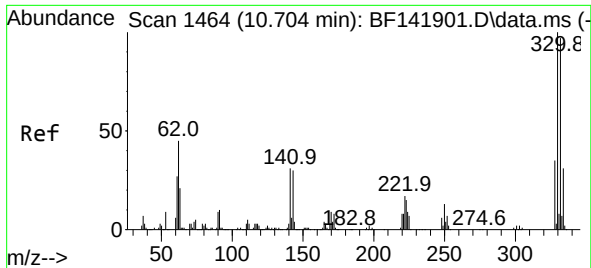
Lab File: BF142190.D

Acq: 31 Mar 2025 19:56

Tgt Ion:164 Resp: 230557

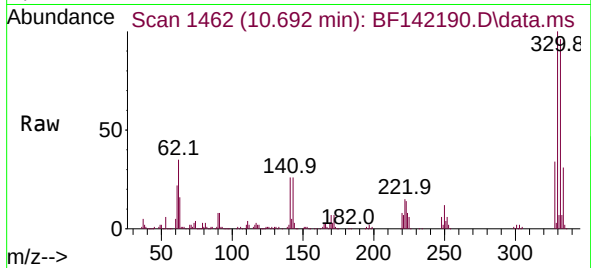
Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.8	122.6
160	45.0	36.7	55.1





#42
2,4,6-Tribromophenol
Concen: 128.570 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF142190.D
Acq: 31 Mar 2025 19:56

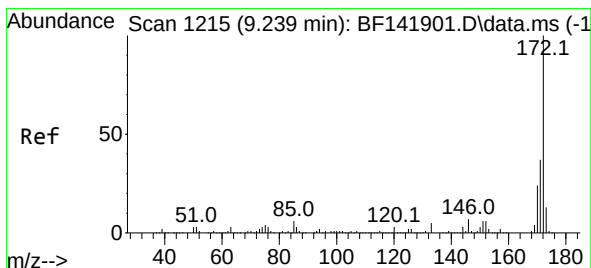
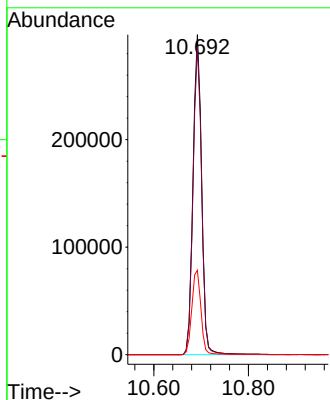
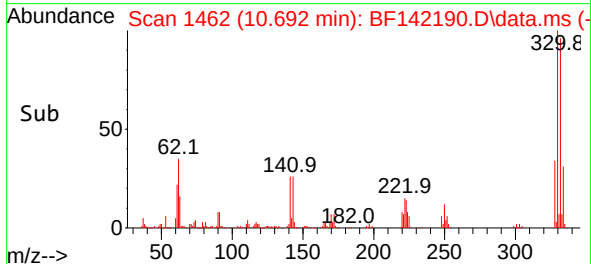
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-007-01



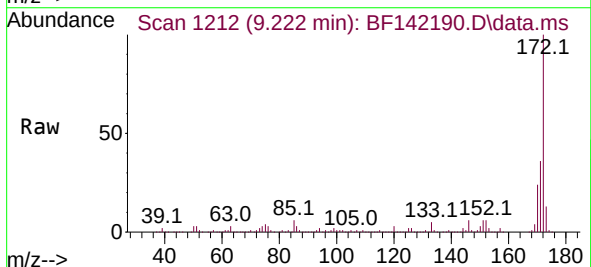
Tgt Ion: 330 Resp: 37605
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 27.8 24.7 37.1

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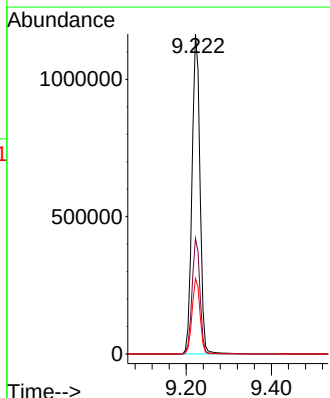
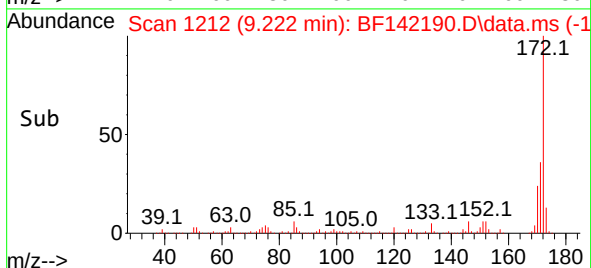
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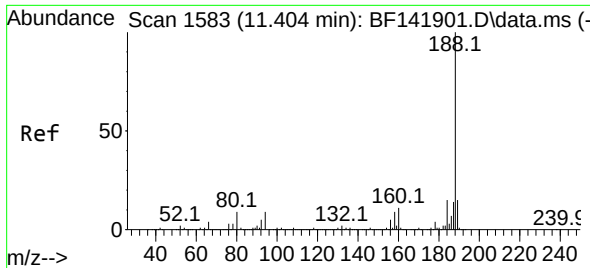


#45
2-Fluorobiphenyl
Concen: 99.734 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.018 min
Lab File: BF142190.D
Acq: 31 Mar 2025 19:56



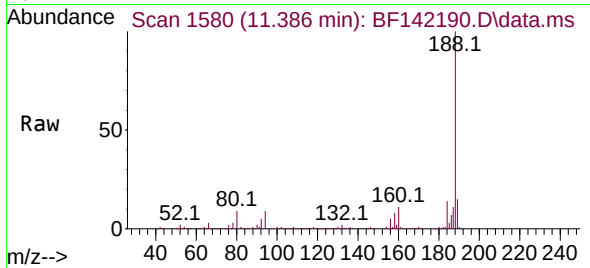
Tgt Ion: 172 Resp: 1511974
Ion Ratio Lower Upper
172 100
171 36.1 29.3 43.9
170 23.6 19.4 29.0





#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.386 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF142190.D
Acq: 31 Mar 2025 19:56

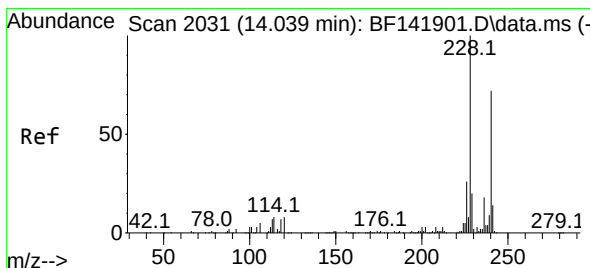
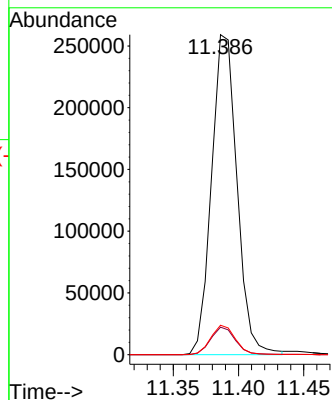
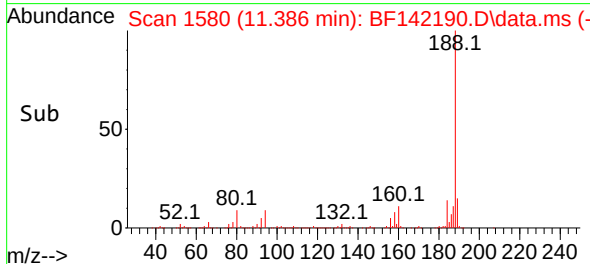
Instrument :
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ClientSampleId :
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Tgt Ion:188 Resp: 352364
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.2 7.6 11.4

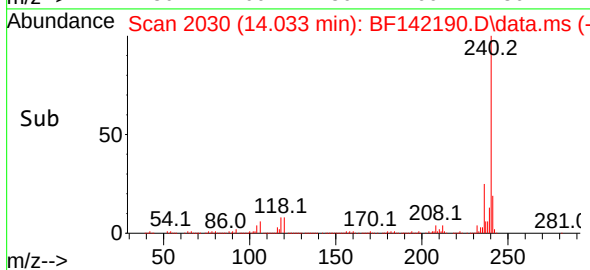
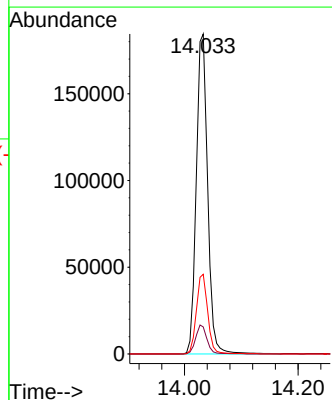
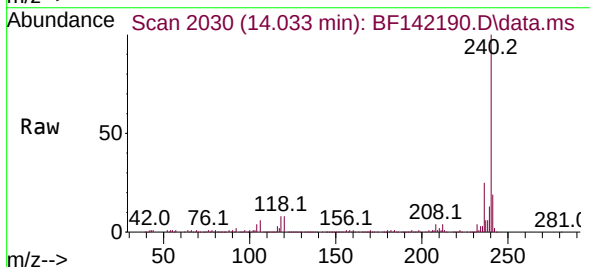
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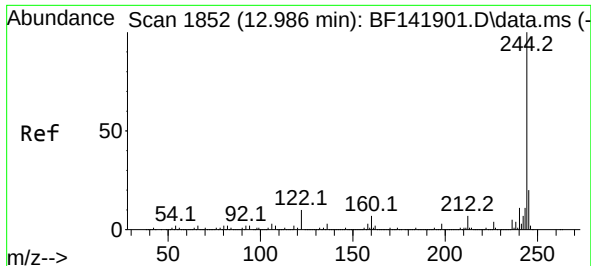
Reviewed By :Anahy Claudio 04/01/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142190.D
Acq: 31 Mar 2025 19:56

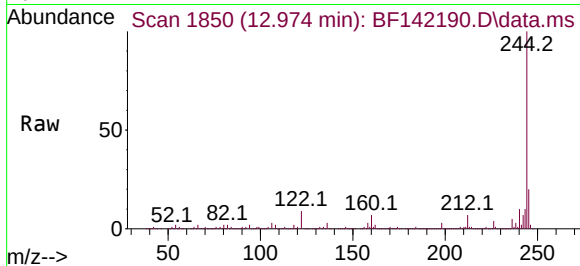
Tgt Ion:240 Resp: 257348
Ion Ratio Lower Upper
240 100
120 8.5 8.4 12.6
236 24.9 20.5 30.7





#79
 Terphenyl-d14
 Concen: 72.874 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.012 min
 Lab File: BF142190.D
 Acq: 31 Mar 2025 19:56

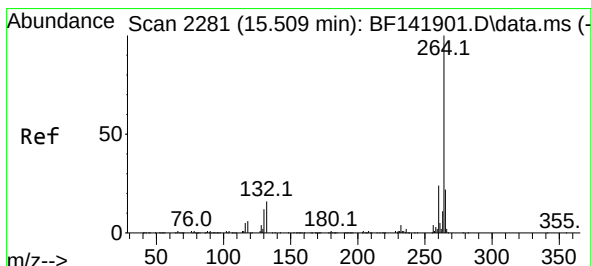
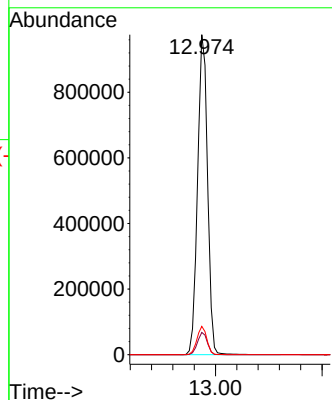
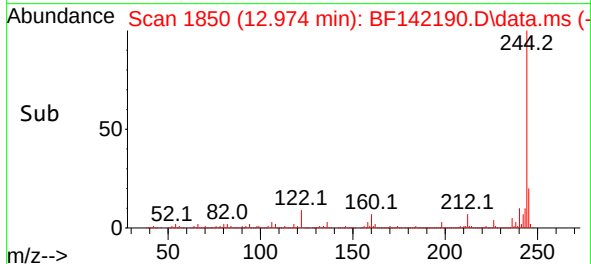
Instrument :
 BNA_F
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Tgt Ion:244 Resp: 1268490
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.9 7.7 11.5

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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: BF142190.D
 Acq: 31 Mar 2025 19:56

Tgt Ion:264 Resp: 307223
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.5 17.5 26.3

