

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144191.D
 Acq On : 06 Nov 2025 16:54
 Operator : RC/JU
 Sample : Q3534-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 06 17:27:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	63903	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	245141	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	136285	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	213036	20.000	ng	0.00
76) Chrysene-d12	14.051	240	155402	20.000	ng	0.00
86) Perylene-d12	15.533	264	207385	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	321066	78.623	ng	0.00
7) Phenol-d6	6.498	99	270663	58.496	ng	0.00
23) Nitrobenzene-d5	7.434	82	396092	93.319	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	228049	133.345	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	803818	87.111	ng	0.00
79) Terphenyl-d14	12.992	244	740183	75.656	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	119812	70.967	ng	97

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

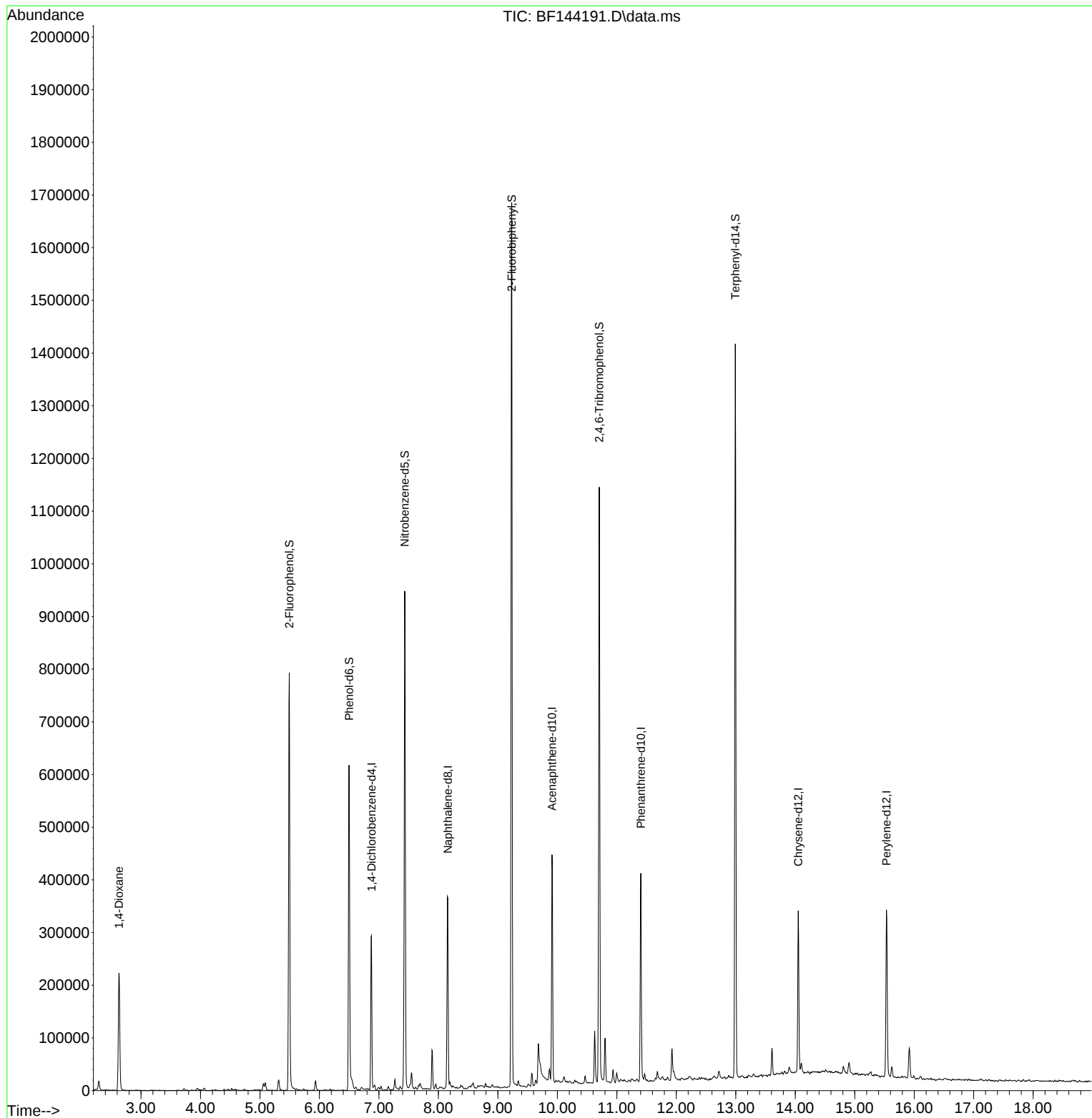
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
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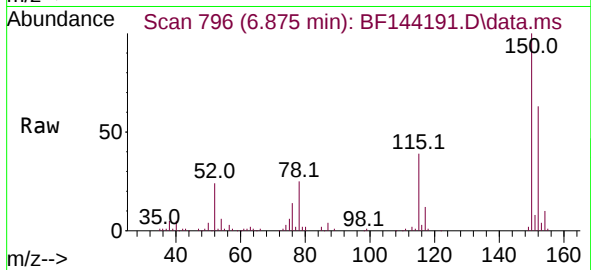
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

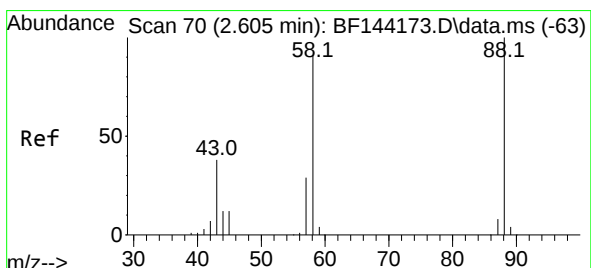
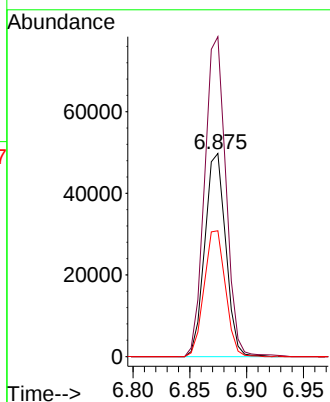
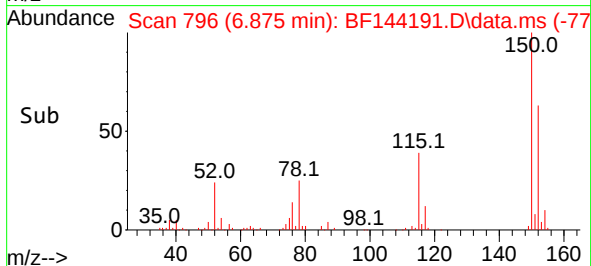
Instrument :
BNA_F
ClientSampleId :
MW-1



Tgt Ion:152 Resp: 63903
Ion Ratio Lower Upper
152 100
150 157.6 127.4 191.0
115 61.9 49.5 74.3

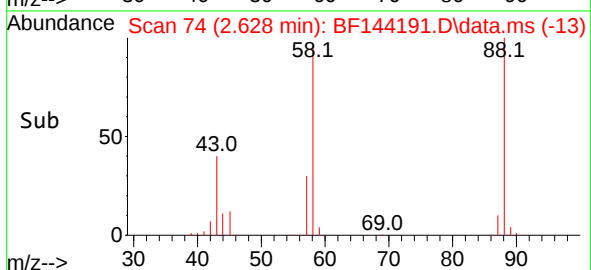
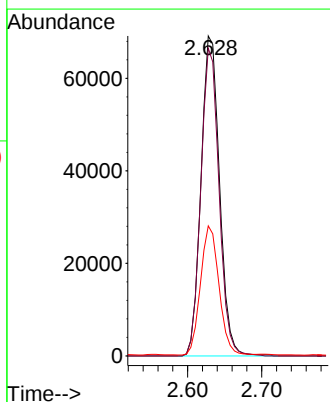
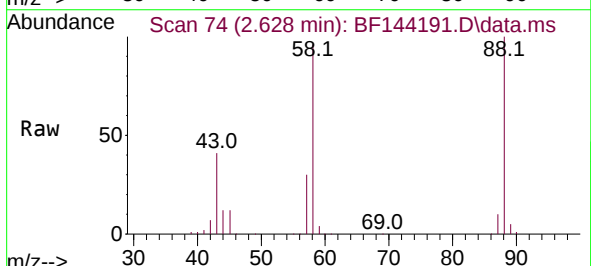
Manual Integrations
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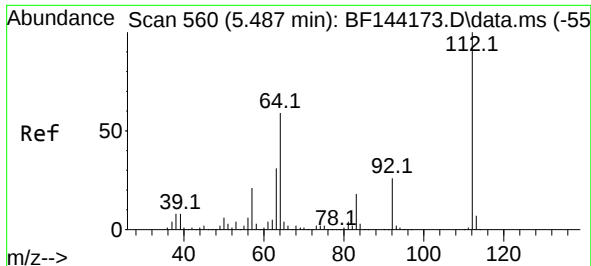
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#2
1,4-Dioxane
Concen: 70.967 ng
RT: 2.628 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion: 88 Resp: 119812
Ion Ratio Lower Upper
88 100
58 94.6 73.1 109.7
43 40.2 31.0 46.6





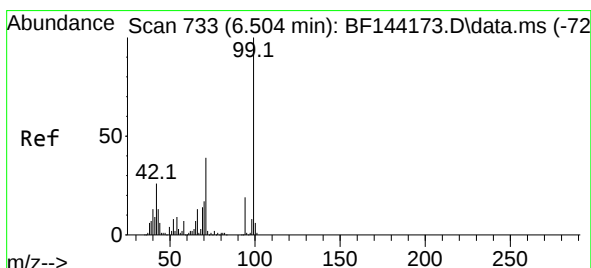
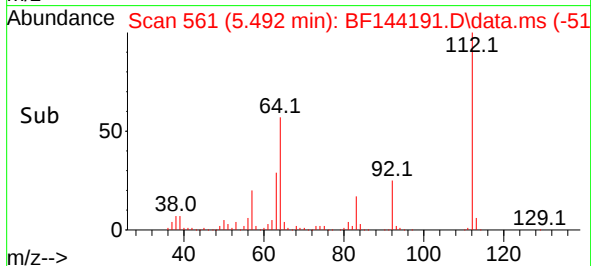
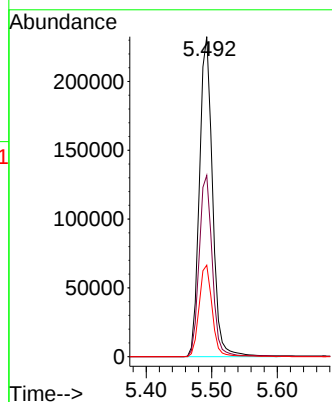
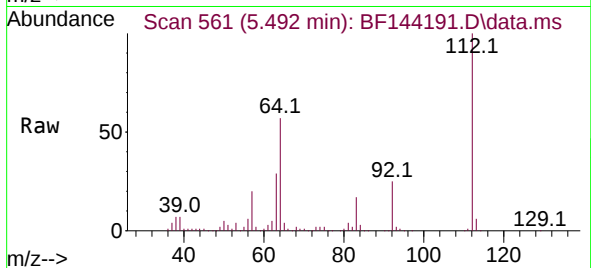
#5
2-Fluorophenol
Concen: 78.623 ng
RT: 5.492 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 112 Resp: 321066
Ion Ratio Lower Upper
112 100
64 56.6 47.2 70.8
63 28.6 24.4 36.6

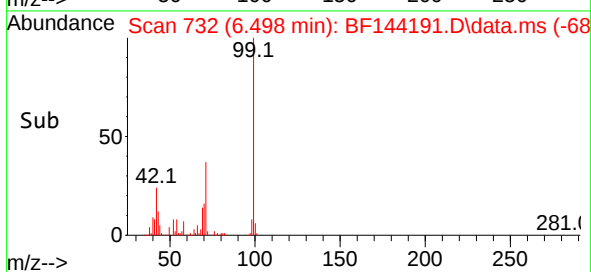
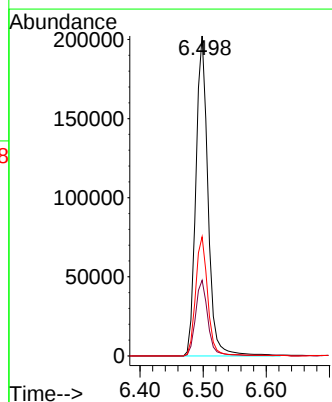
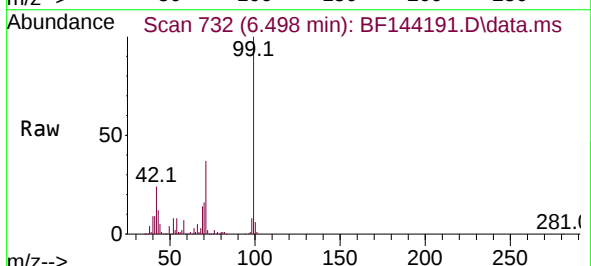
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Supervised By :Jagrut Upadhyay 11/10/2025



#7
Phenol-d6
Concen: 58.496 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion: 99 Resp: 270663
Ion Ratio Lower Upper
99 100
42 23.6 20.9 31.3
71 37.2 31.4 47.2





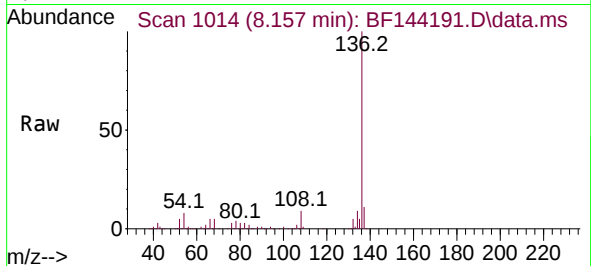
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Instrument :

BNA_F

ClientSampleId :

MW-1



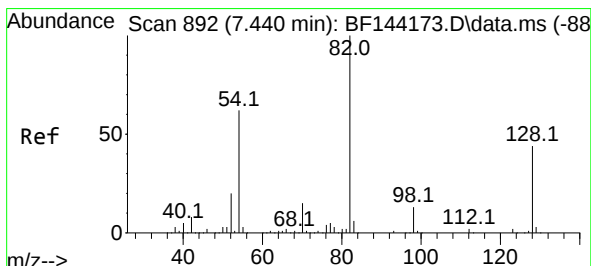
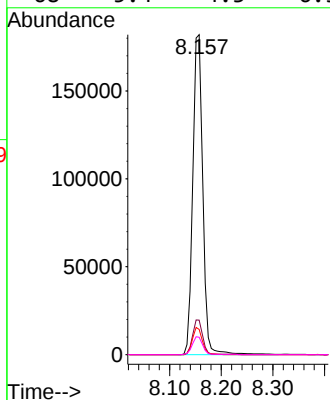
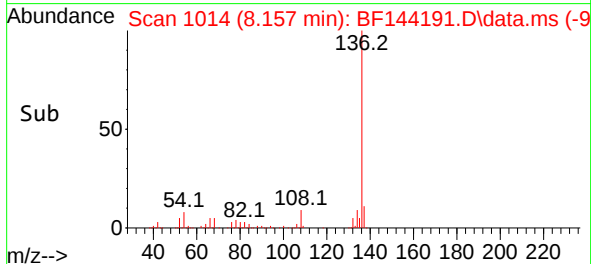
Tgt Ion:136 Resp: 245141
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.9 7.0 10.6
68 5.4 4.3 6.5

Manual Integrations

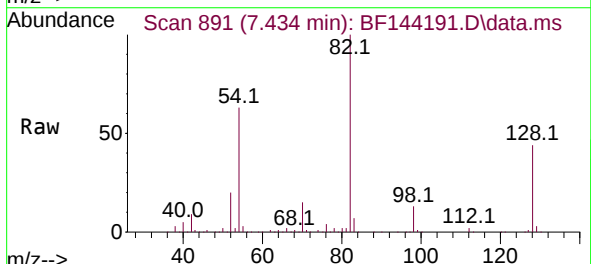
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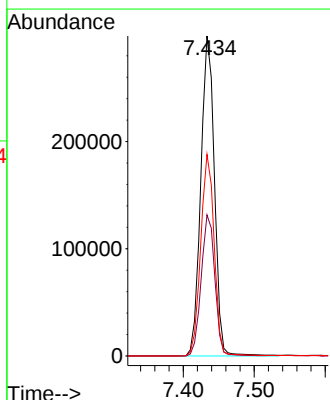
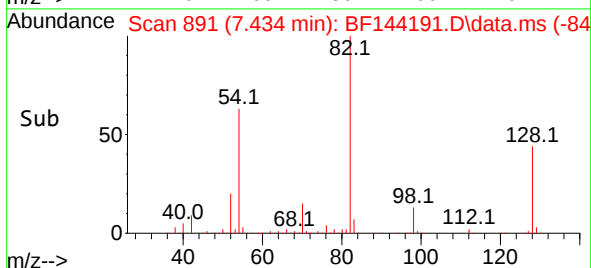
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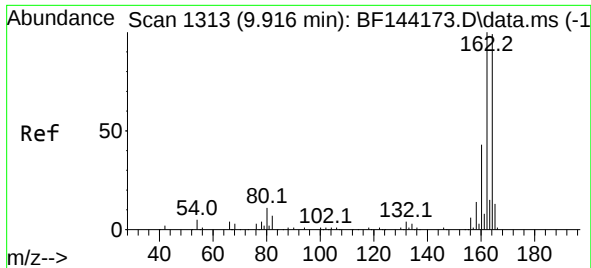


#23
Nitrobenzene-d5
Concen: 93.319 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54



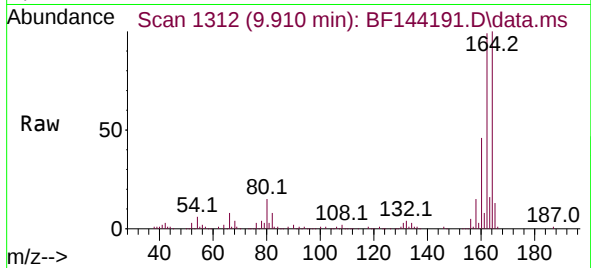
Tgt Ion: 82 Resp: 396092
Ion Ratio Lower Upper
82 100
128 44.1 34.7 52.1
54 63.0 49.5 74.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

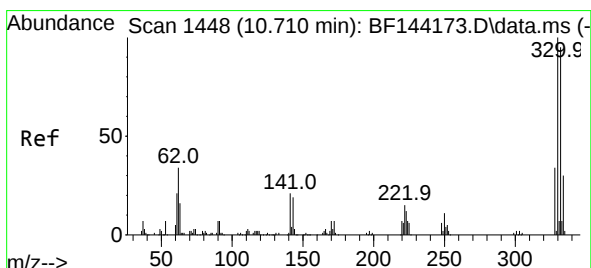
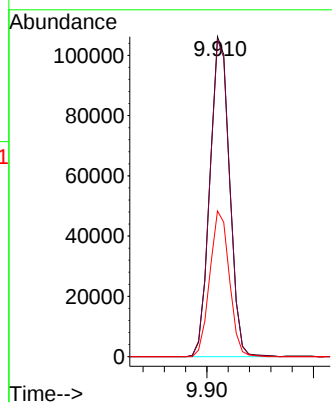
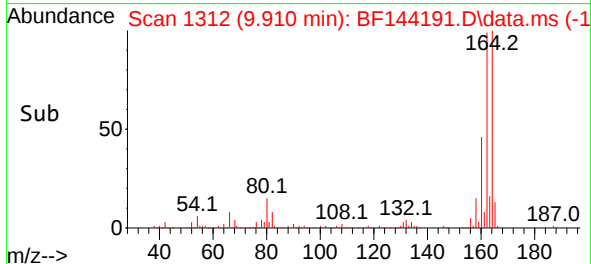
Instrument :
BNA_F
ClientSampleId :
MW-1



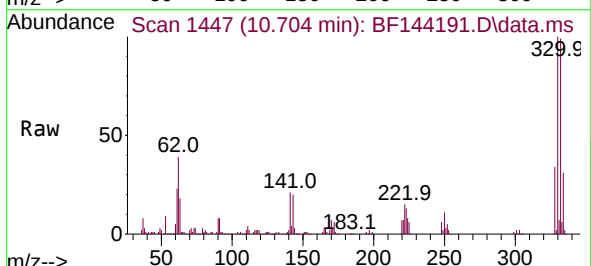
Tgt Ion:164 Resp: 136285
Ion Ratio Lower Upper
164 100
162 99.1 81.1 121.7
160 45.5 34.5 51.7

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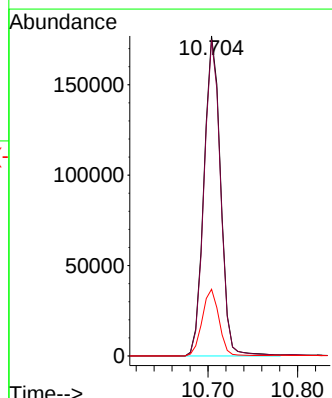
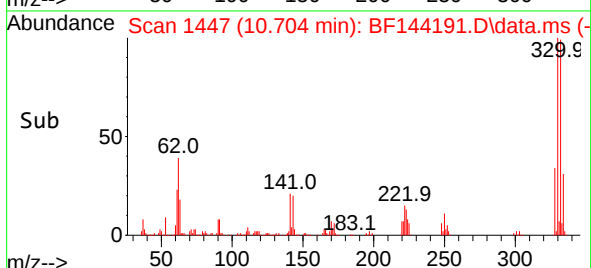
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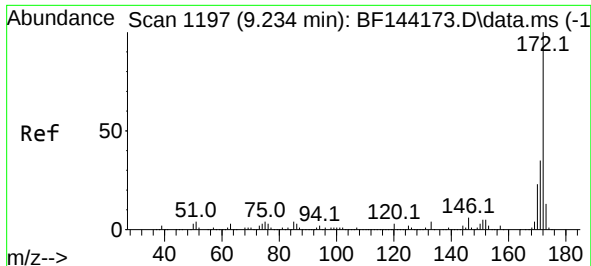


#42
2,4,6-Tribromophenol
Concen: 133.345 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54



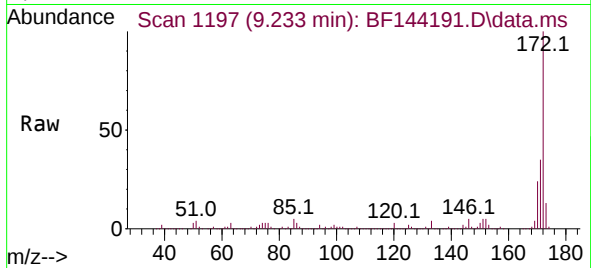
Tgt Ion:330 Resp: 228049
Ion Ratio Lower Upper
330 100
332 97.7 76.7 115.1
141 21.1 17.8 26.8





#45
2-Fluorobiphenyl
Concen: 87.111 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

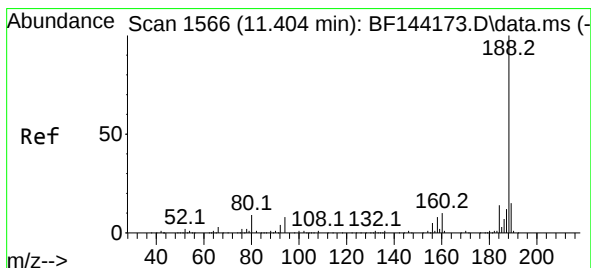
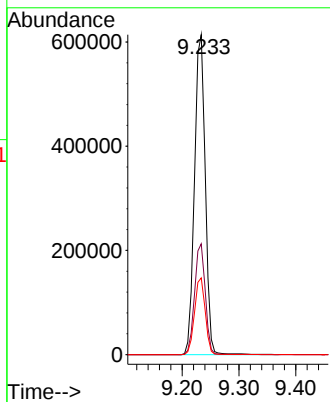
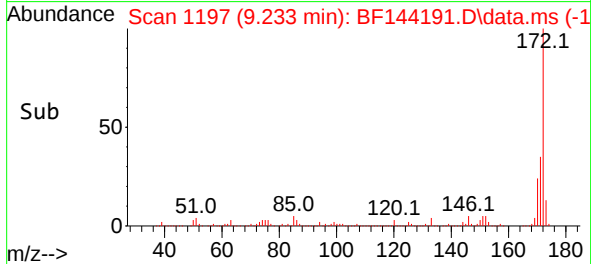
Instrument :
BNA_F
ClientSampleId :
MW-1



Tgt Ion:172 Resp: 803818
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 24.0 18.6 28.0

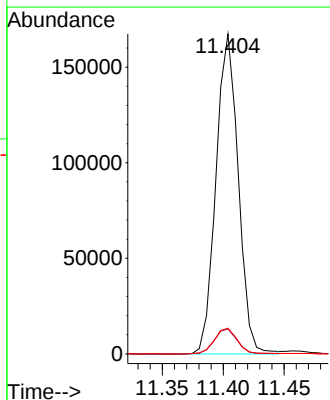
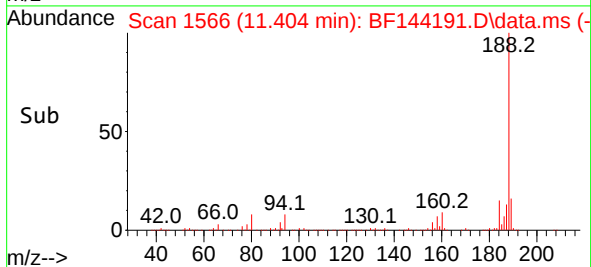
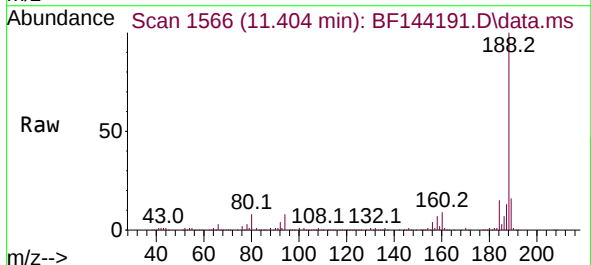
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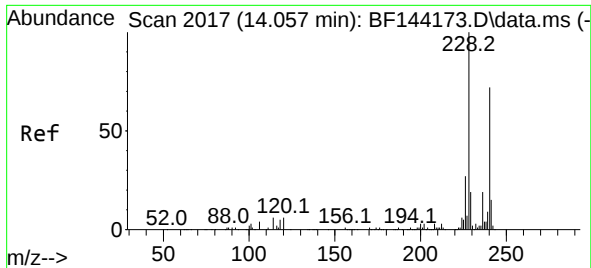
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

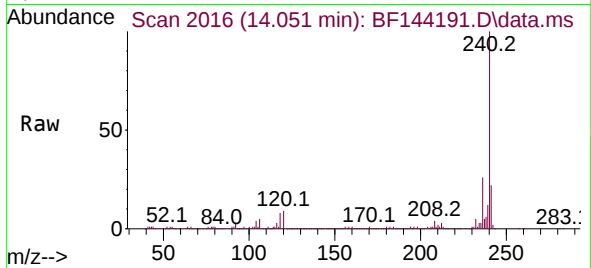
Tgt Ion:188 Resp: 213036
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 8.0 6.9 10.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

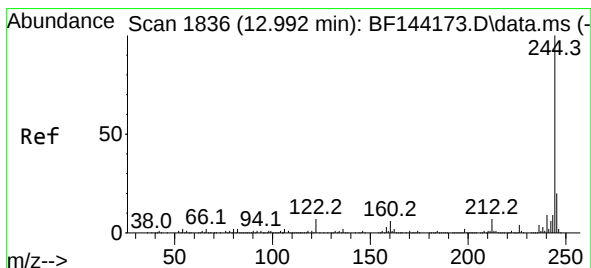
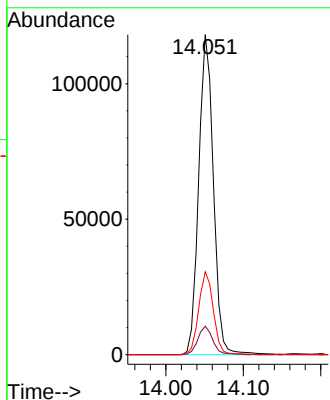
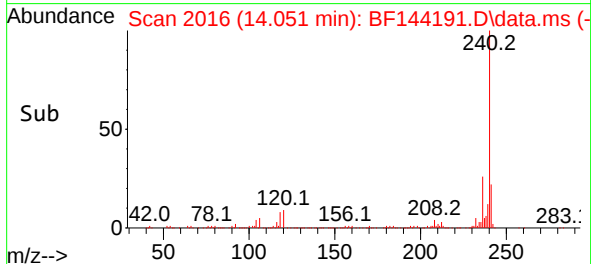
Instrument :
BNA_F
ClientSampleId :
MW-1



Tgt Ion:240 Resp: 155402
Ion Ratio Lower Upper
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120 8.9 6.6 10.0
236 25.9 21.4 32.2

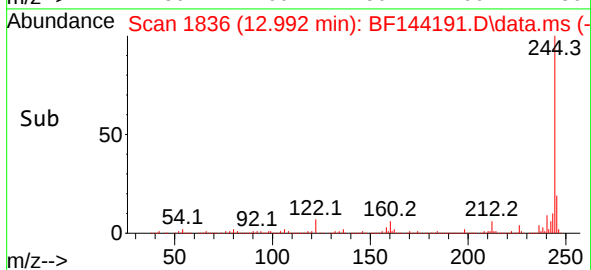
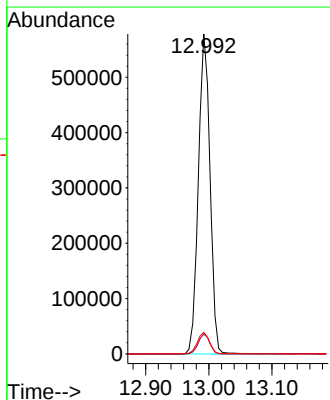
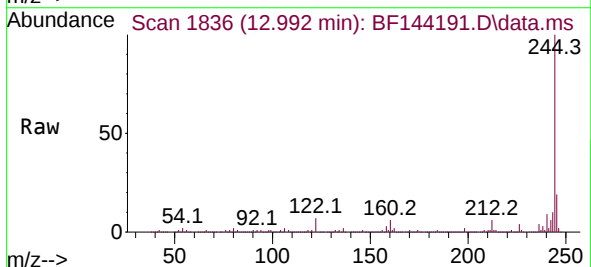
Manual Integrations
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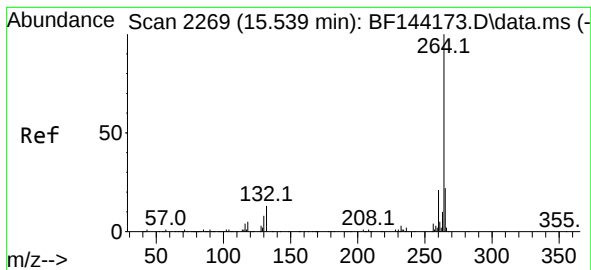
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Supervised By :Jagrut Upadhyay 11/10/2025



#79
Terphenyl-d14
Concen: 75.656 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

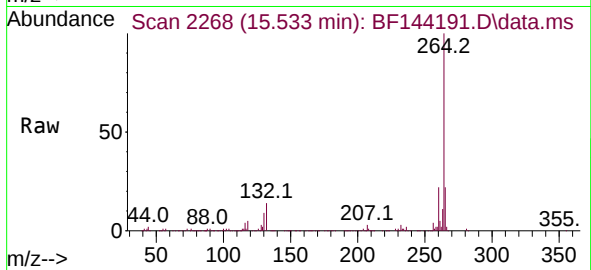
Tgt Ion:244 Resp: 740183
Ion Ratio Lower Upper
244 100
212 6.2 5.3 7.9
122 6.7 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF144191.D
 Acq: 06 Nov 2025 16:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-1



Tgt Ion:264 Resp: 207385
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.1 25.7
 265 22.2 17.4 26.0

Manual Integrations
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