

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143192.D
 Acq On : 22 Jul 2025 16:55
 Operator : RC/JU
 Sample : Q2649-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/23/2025
 Supervised By :Jagrut Upadhyay 07/23/2025

Quant Time: Jul 22 17:26:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	131509	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	493971	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	265837	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	469256	20.000	ng	0.00
76) Chrysene-d12	14.121	240	331594	20.000	ng	0.00
86) Perylene-d12	15.627	264	283738	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	848574	102.110	ng	0.02
7) Phenol-d6	6.587	99	1006732	96.244	ng	0.00
23) Nitrobenzene-d5	7.516	82	748870	75.569	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	351951	128.157	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1355400	69.730	ng	0.00
79) Terphenyl-d14	13.068	244	1546336	69.396	ng	0.00
Target Compounds						
32) Benzoic acid	7.922	122	4029m	5.959	ng	Qvalue
60) Diethylphthalate	10.404	149	199361	11.640	ng	99
74) Di-n-butylphthalate	12.039	149	53074	2.114	ng	100

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

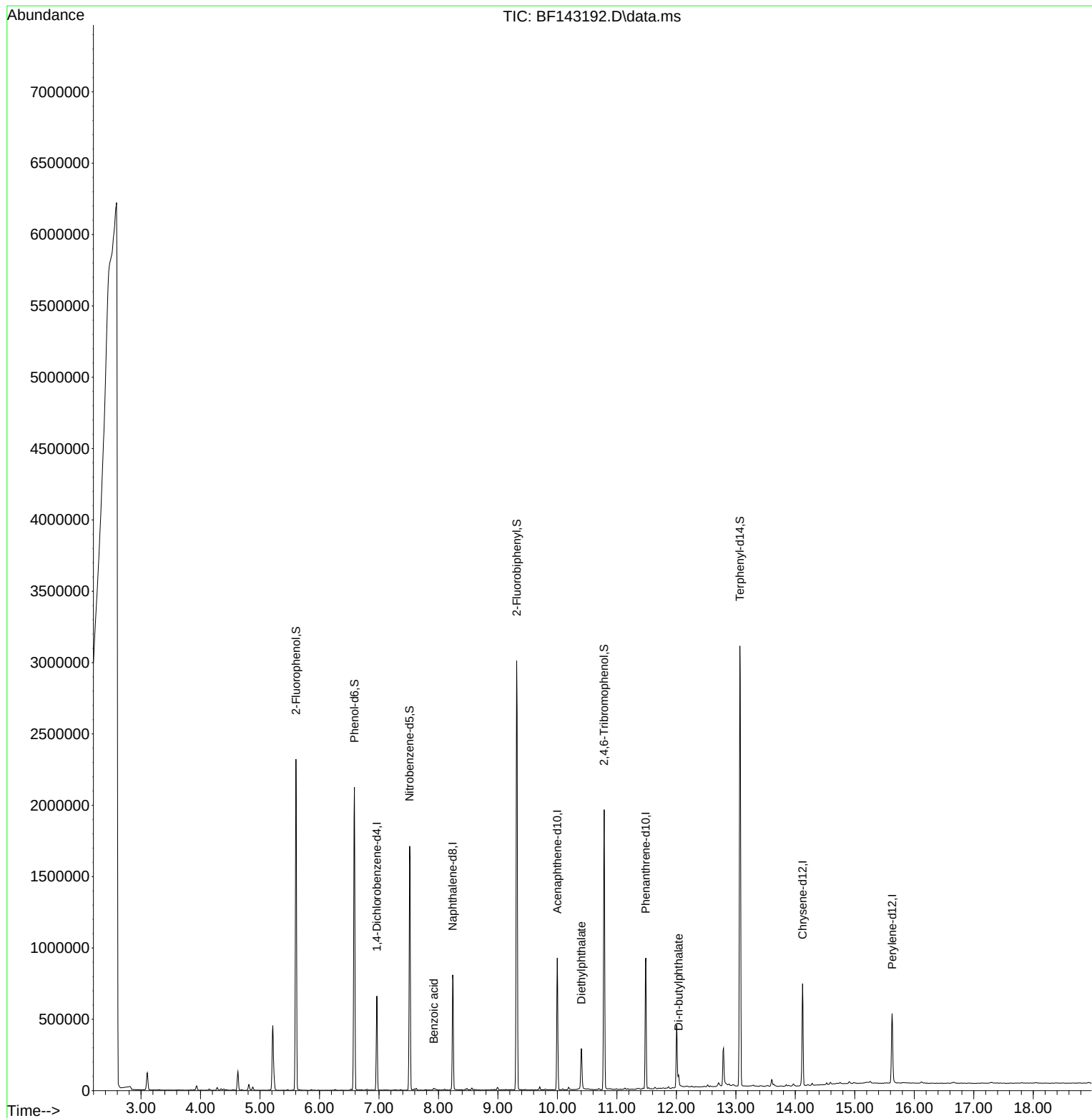
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143192.D
Acq On : 22 Jul 2025 16:55
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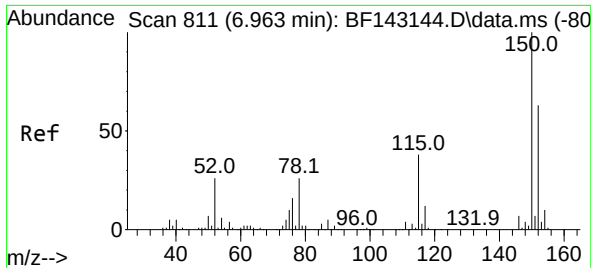
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
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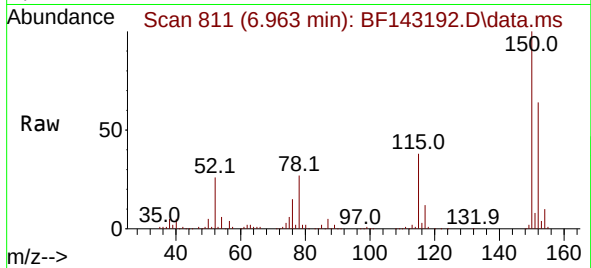
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143192.D
Acq: 22 Jul 2025 16:55

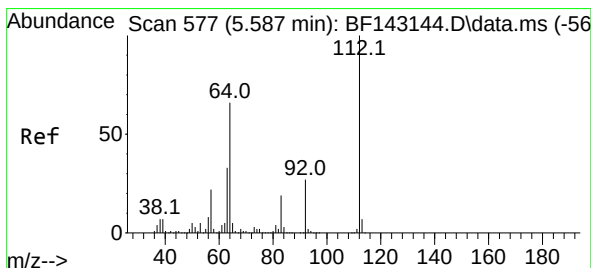
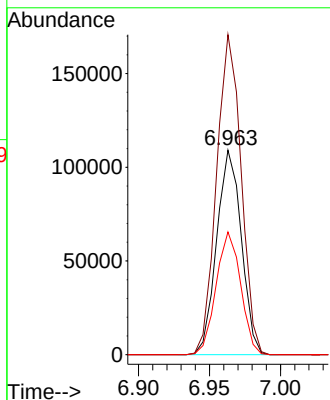
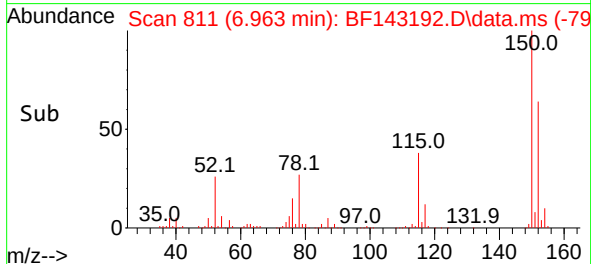
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:152 Resp: 131509
Ion Ratio Lower Upper
152 100
150 156.5 128.2 192.4
115 60.0 47.9 71.9

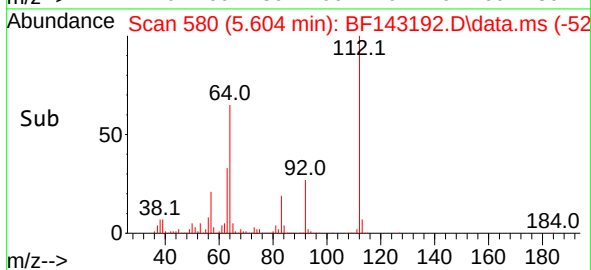
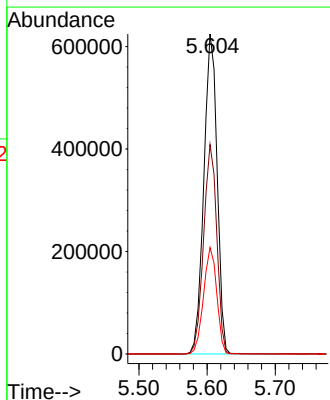
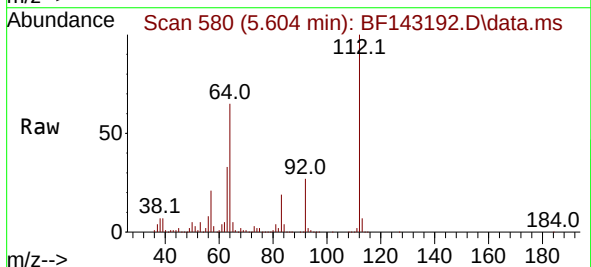
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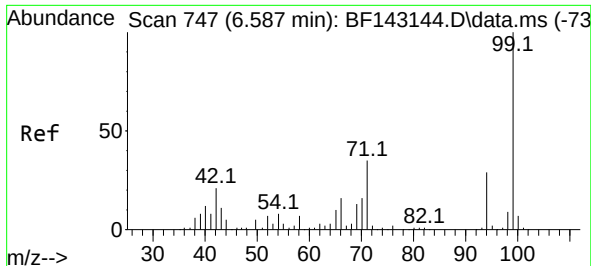
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#5
2-Fluorophenol
Concen: 102.110 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143192.D
Acq: 22 Jul 2025 16:55

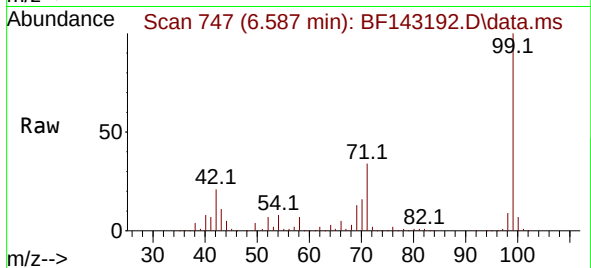
Tgt Ion:112 Resp: 848574
Ion Ratio Lower Upper
112 100
64 65.5 53.1 79.7
63 33.3 26.6 40.0





#7
Phenol-d6
Concen: 96.244 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143192.D
Acq: 22 Jul 2025 16:55

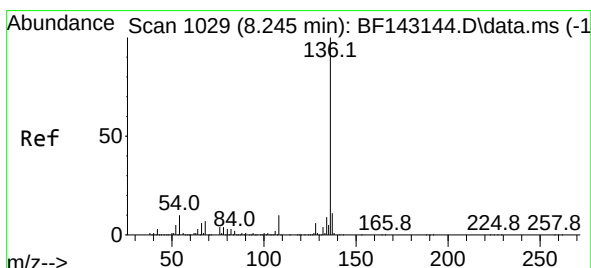
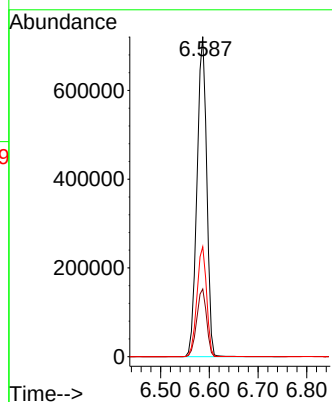
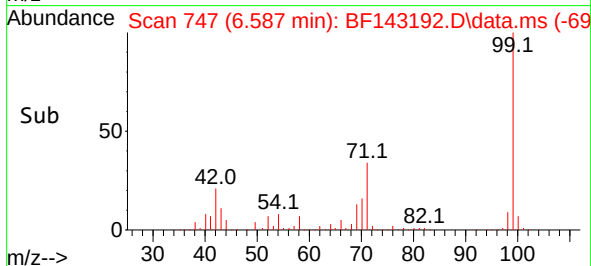
Instrument :
BNA_F
ClientSampleId :
WC-1



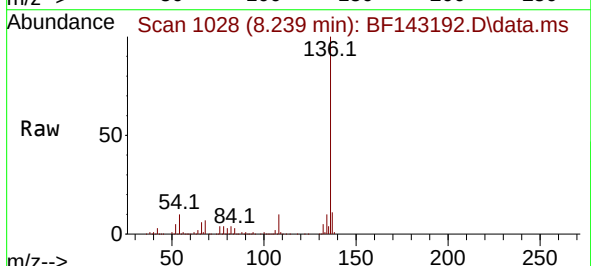
Tgt Ion: 99 Resp: 100673
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 34.3 27.7 41.5

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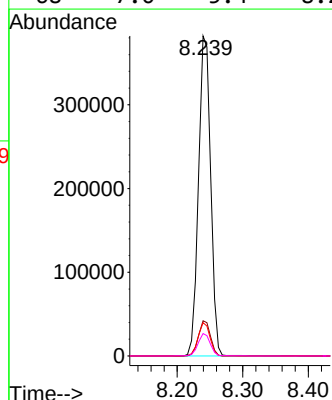
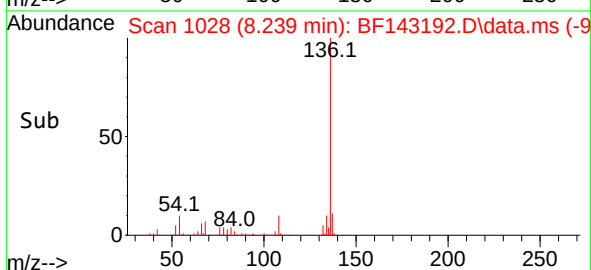
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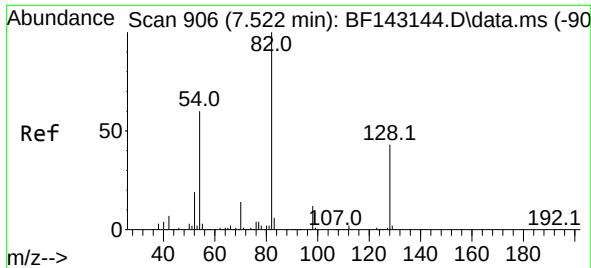


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143192.D
Acq: 22 Jul 2025 16:55



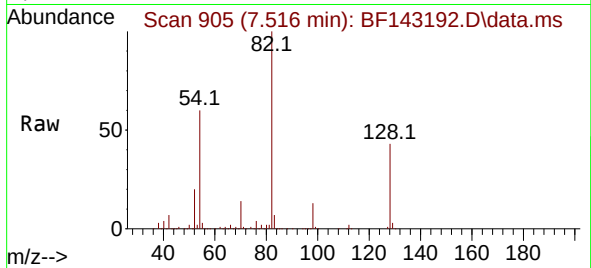
Tgt Ion:136 Resp: 493971
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.4 8.2 12.2
68 7.0 5.4 8.2





#23
Nitrobenzene-d5
Concen: 75.569 ng
RT: 7.516 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF143192.D
Acq: 22 Jul 2025 16:55

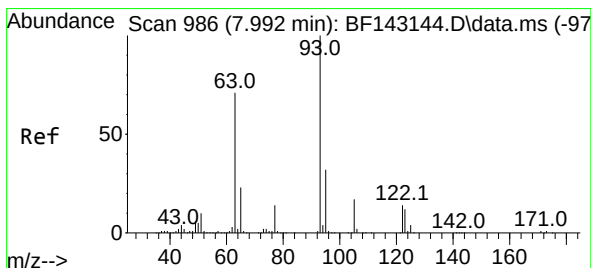
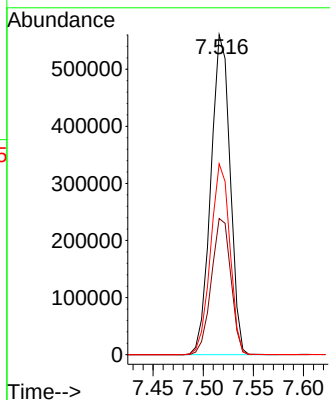
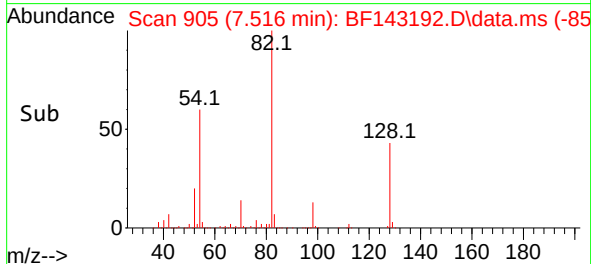
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion: 82 Resp: 748870
Ion Ratio Lower Upper
82 100
128 42.5 33.6 50.4
54 59.7 47.1 70.7

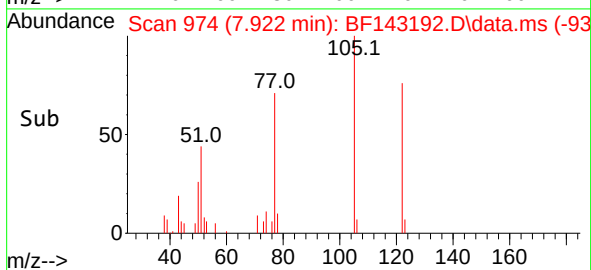
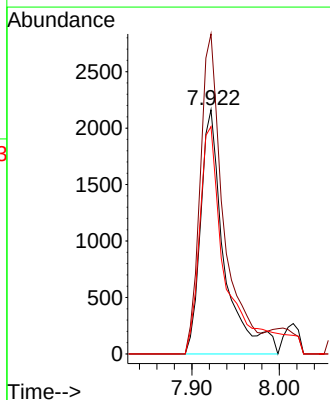
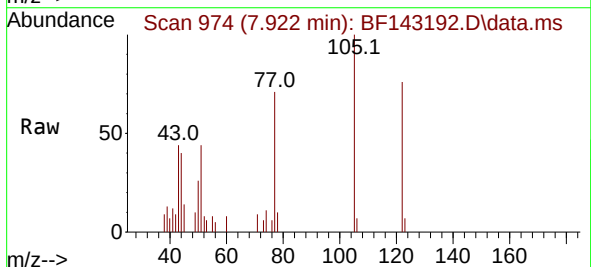
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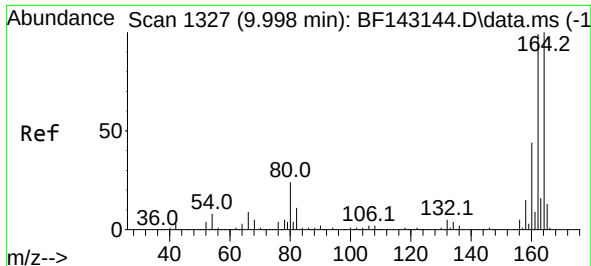
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Supervised By :Jagrut Upadhyay 07/23/2025



#32
Benzoic acid
Concen: 5.959 ng m
RT: 7.922 min Scan# 974
Delta R.T. -0.070 min
Lab File: BF143192.D
Acq: 22 Jul 2025 16:55

Tgt Ion:122 Resp: 4029
Ion Ratio Lower Upper
122 100
105 131.1 104.8 144.8
77 93.2 77.6 117.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143192.D

Acq: 22 Jul 2025 16:55

Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion:164 Resp: 26583

Ion Ratio Lower Upper

164 100

162 99.2 79.0 118.6

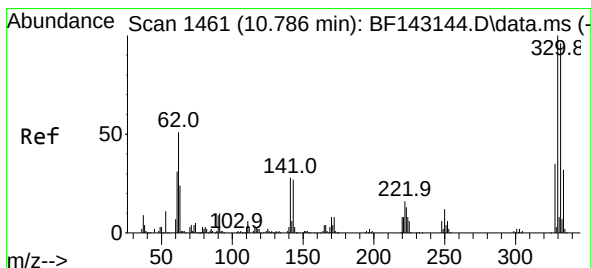
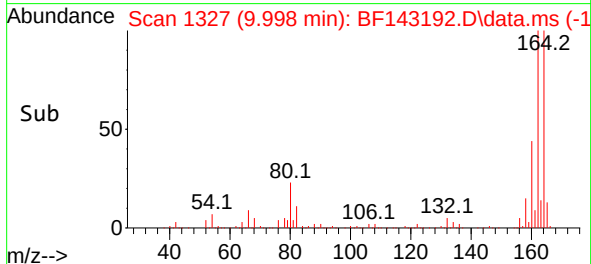
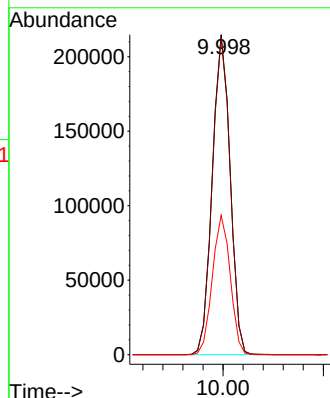
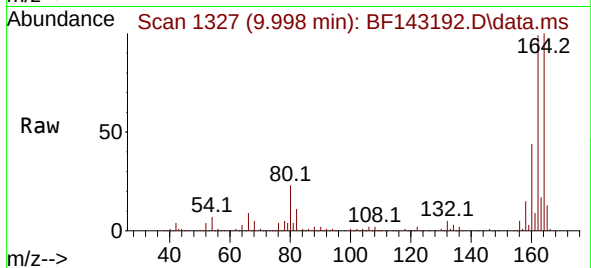
160 43.5 35.1 52.7

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#42

2,4,6-Tribromophenol

Concen: 128.157 ng

RT: 10.786 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF143192.D

Acq: 22 Jul 2025 16:55

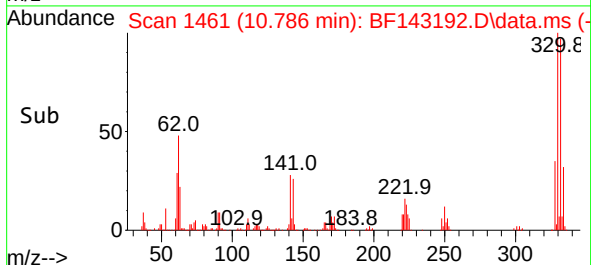
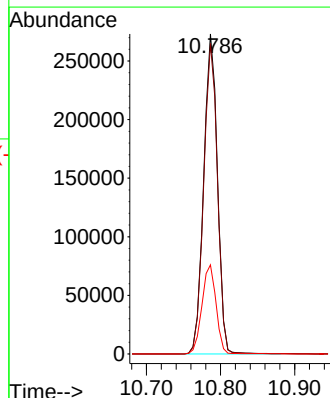
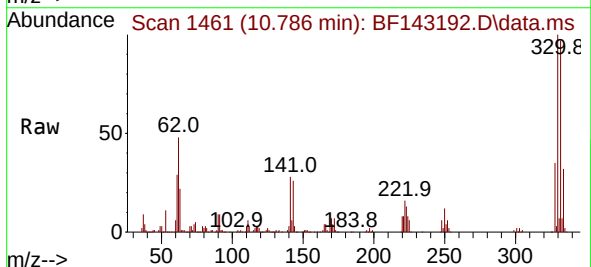
Tgt Ion:330 Resp: 351951

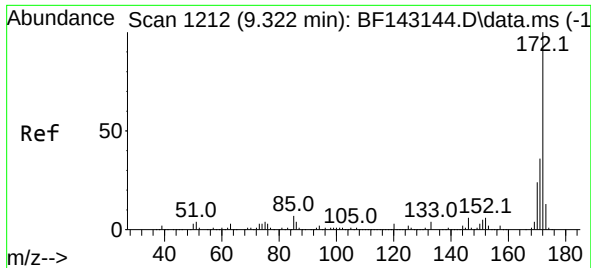
Ion Ratio Lower Upper

330 100

332 97.1 76.7 115.1

141 28.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 69.730 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143192.D

Acq: 22 Jul 2025 16:55

Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion:172 Resp: 1355400

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

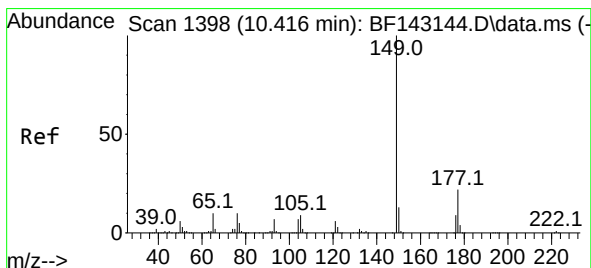
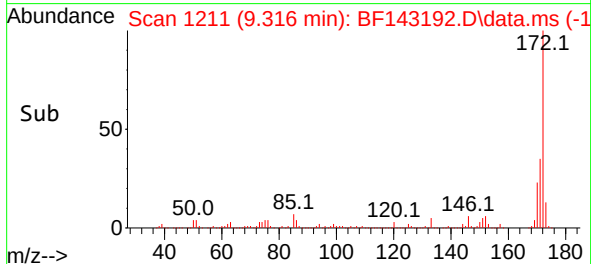
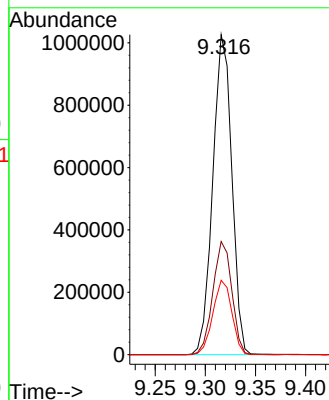
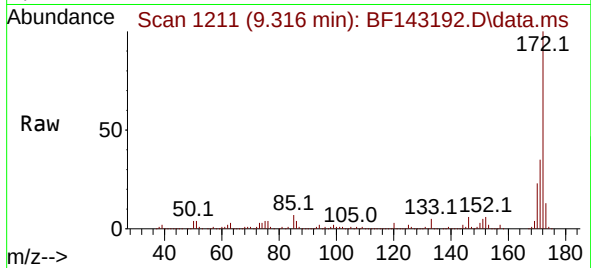
170 23.3 18.8 28.2

Manual Integrations

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#60

Diethylphthalate

Concen: 11.640 ng

RT: 10.404 min Scan# 1396

Delta R.T. -0.012 min

Lab File: BF143192.D

Acq: 22 Jul 2025 16:55

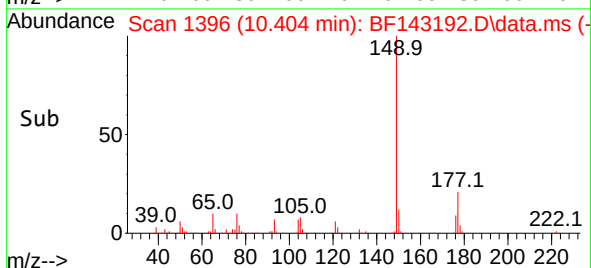
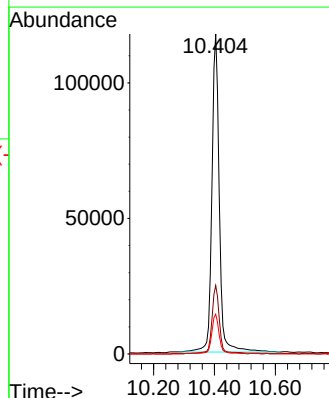
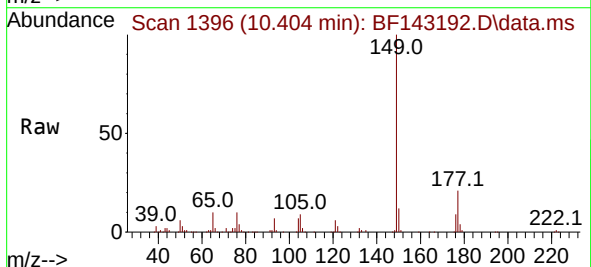
Tgt Ion:149 Resp: 199361

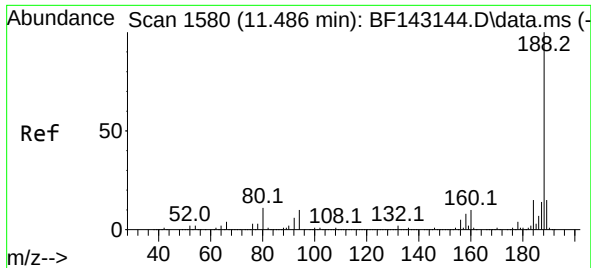
Ion Ratio Lower Upper

149 100

177 21.4 17.5 26.3

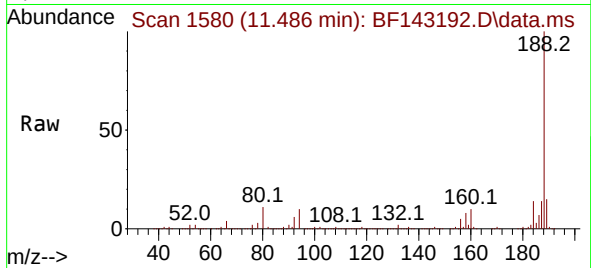
150 12.4 10.2 15.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11486
Delta R.T. 0.000 min
Lab File: BF143192.D
Acq: 22 Jul 2025 16:55

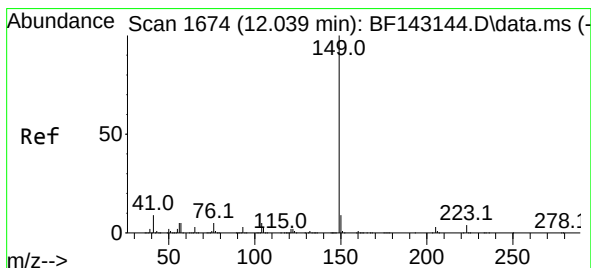
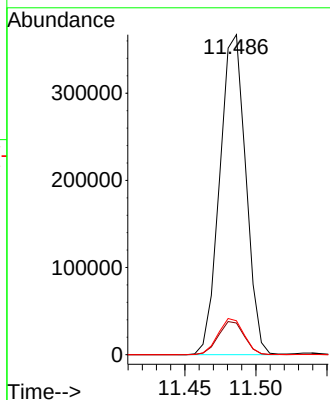
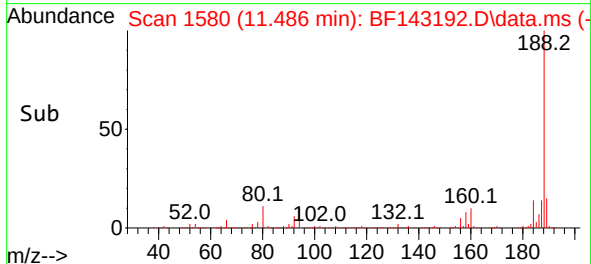
Instrument :
BNA_F
ClientSampleId :
WC-1



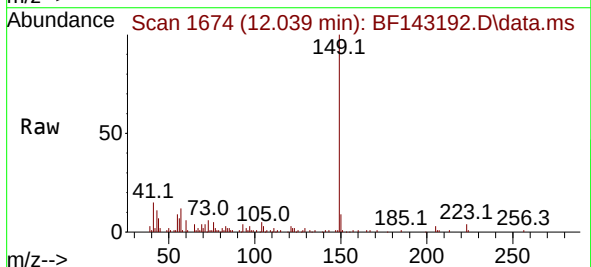
Tgt Ion:188 Resp: 469250
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.6 9.0 13.6

Manual Integrations
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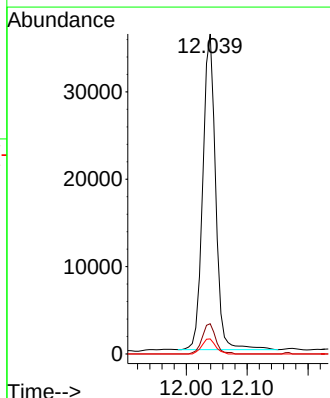
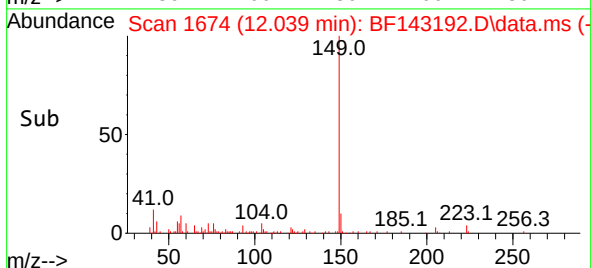
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Supervised By :Jagrut Upadhyay 07/23/2025

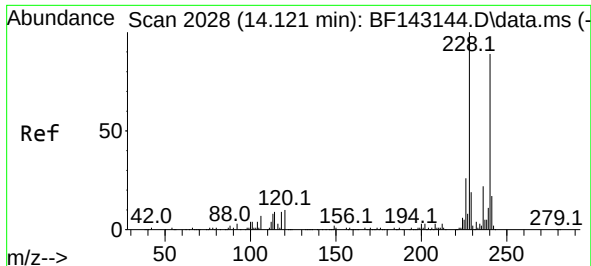


#74
Di-n-butylphthalate
Concen: 2.114 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143192.D
Acq: 22 Jul 2025 16:55



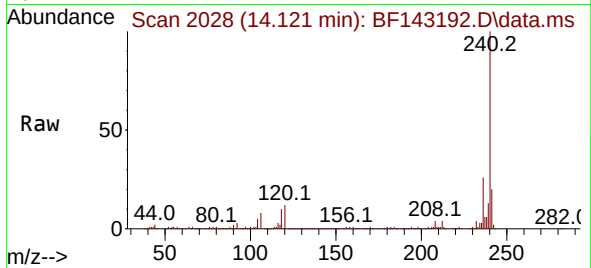
Tgt Ion:149 Resp: 53074
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 4.7 3.8 5.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143192.D
Acq: 22 Jul 2025 16:55

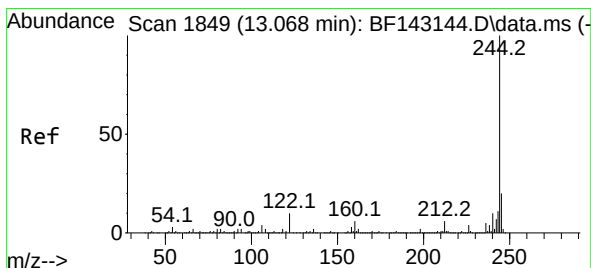
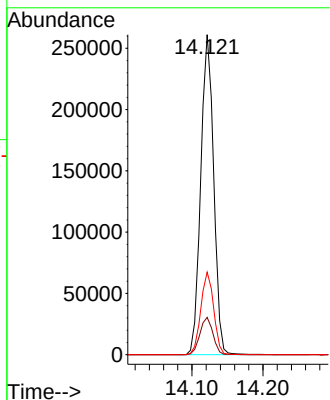
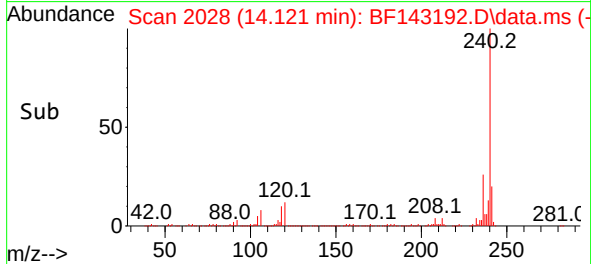
Instrument :
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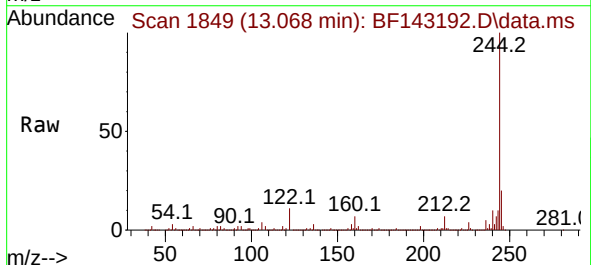
Tgt Ion:240 Resp: 331594
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.2
236 25.8 20.2 30.4

Manual Integrations
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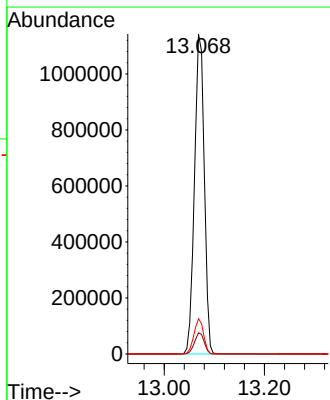
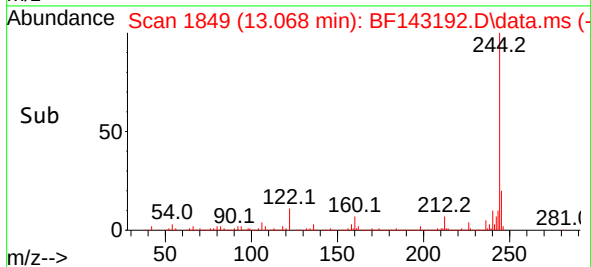
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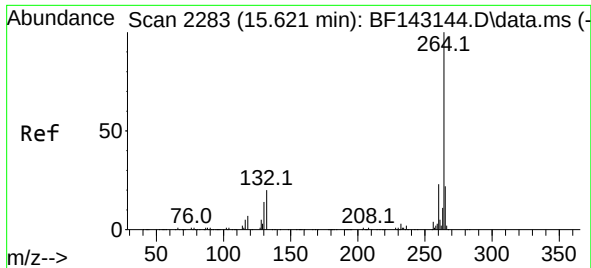


#79
Terphenyl-d14
Concen: 69.396 ng
RT: 13.068 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF143192.D
Acq: 22 Jul 2025 16:55



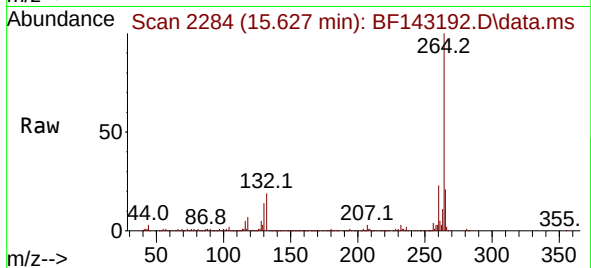
Tgt Ion:244 Resp: 1546336
Ion Ratio Lower Upper
244 100
212 6.6 5.2 7.8
122 11.0 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF143192.D
 Acq: 22 Jul 2025 16:55

Instrument :
 BNA_F
 ClientSampleId :
 WC-1



Tgt Ion:264 Resp: 283738
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 21.3 17.4 26.2

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/23/2025
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