

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142090.D
 Acq On : 25 Mar 2025 21:06
 Operator : RC/JU
 Sample : Q1636-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025

Quant Time: Mar 25 21:52:17 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	6.875	152	144301	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	565569	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	320170	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	556504	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	260762	20.000	ng	-0.01
86) Perylene-d12	15.504	264	183506	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1074904	124.321	ng	0.01
7) Phenol-d6	6.498	99	1185150	107.658	ng	0.00
23) Nitrobenzene-d5	7.434	82	958265	95.350	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	605732	149.130	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1998015	94.906	ng	-0.01
79) Terphenyl-d14	12.980	244	2018520	114.445	ng	0.00
Target Compounds						
32) Benzoic acid	7.863	122	22178m	3.737	ng	Qvalue

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

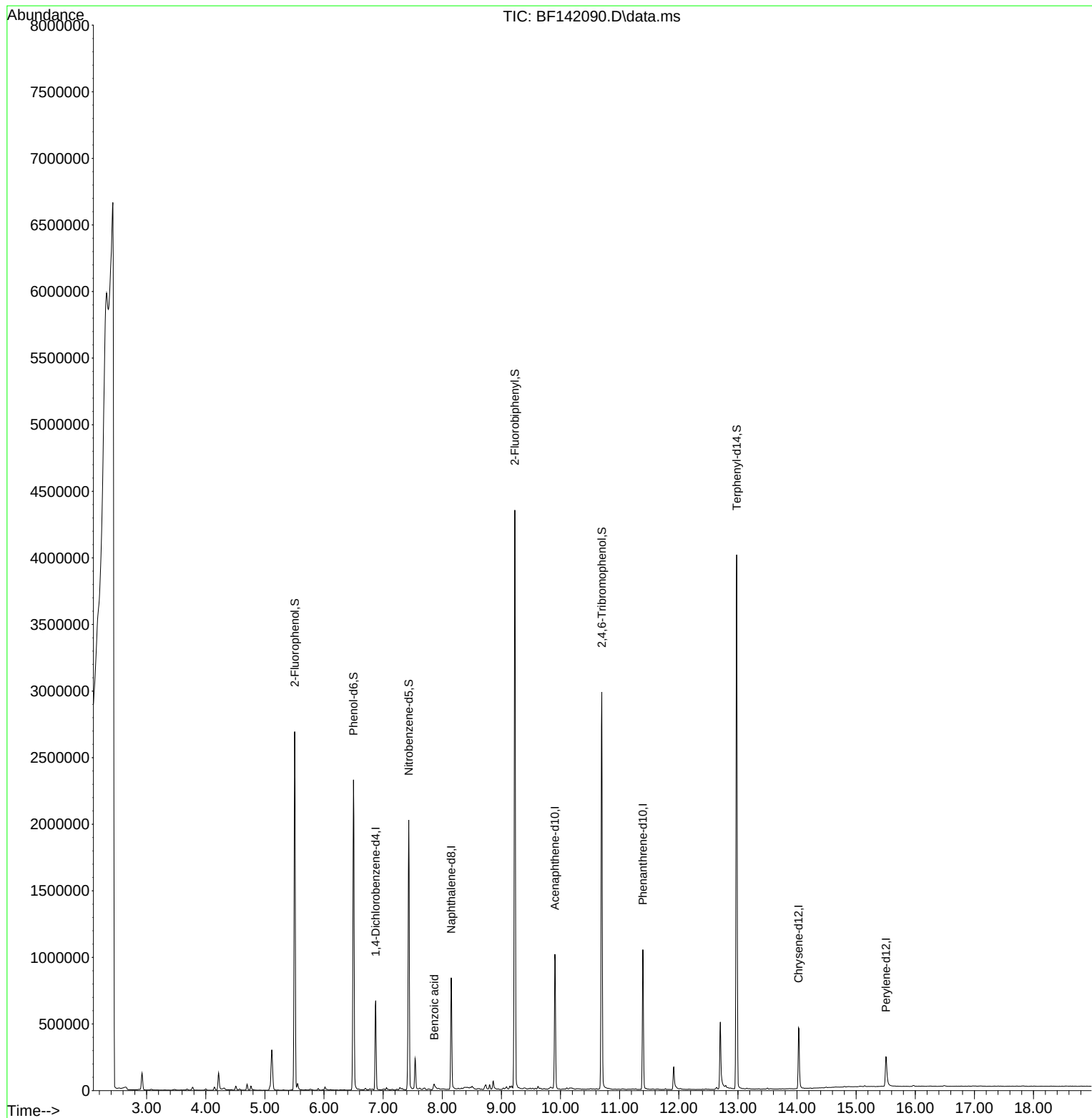
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
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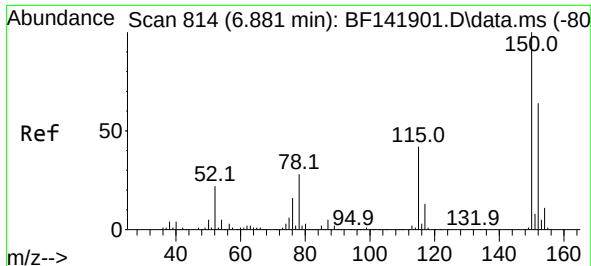
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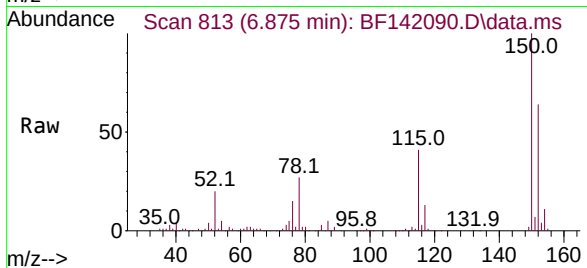
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

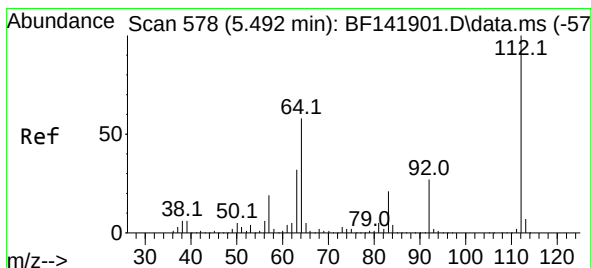
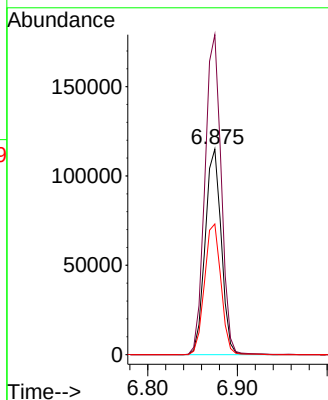
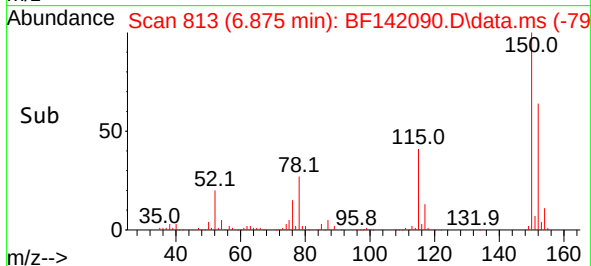
Instrument :
BNA_F
ClientSampleId :
WC-1



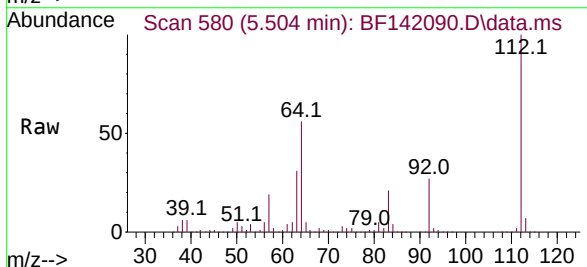
Tgt Ion:152 Resp: 144301
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.2
115 63.6 51.9 77.9

Manual Integrations
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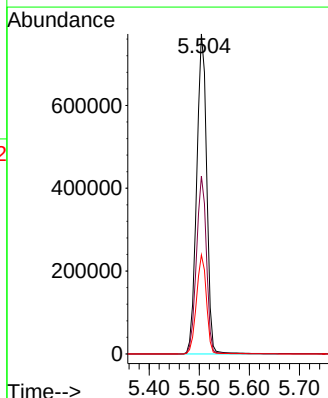
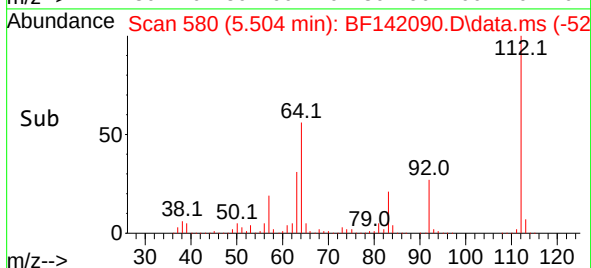
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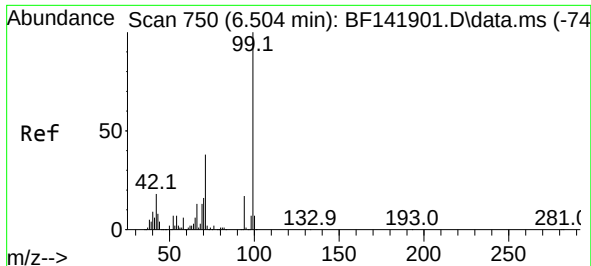


#5
2-Fluorophenol
Concen: 124.321 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06



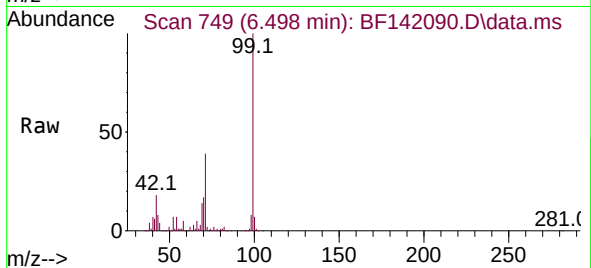
Tgt Ion:112 Resp: 1074904
Ion Ratio Lower Upper
112 100
64 55.6 46.5 69.7
63 30.9 25.4 38.2





#7
Phenol-d6
Concen: 107.658 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

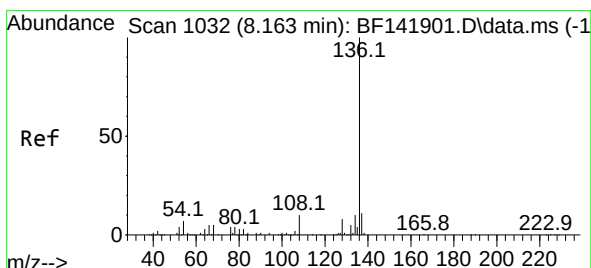
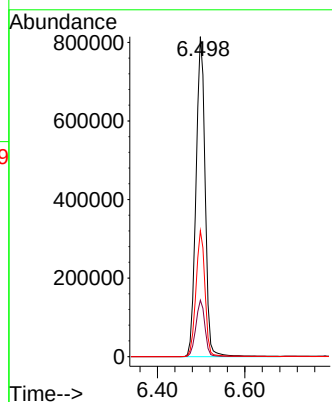
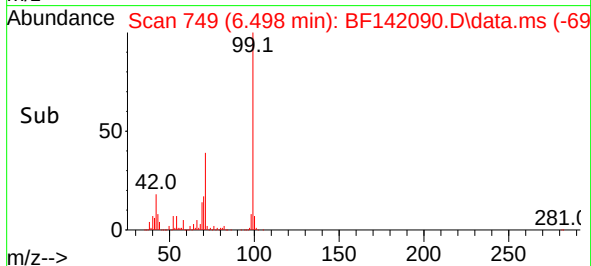
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion: 99 Resp: 1185150
Ion Ratio Lower Upper
99 100
42 17.7 14.6 21.8
71 39.3 30.8 46.2

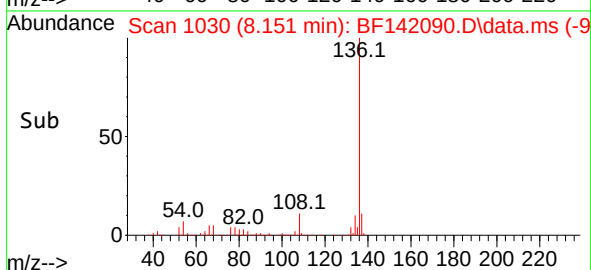
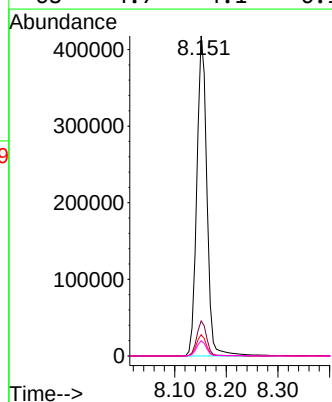
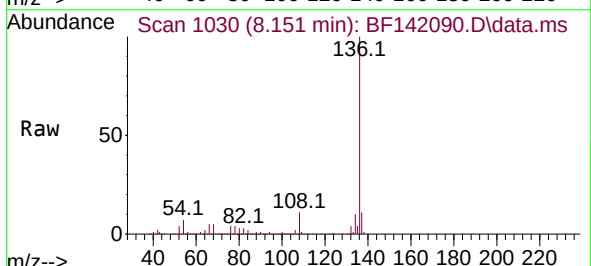
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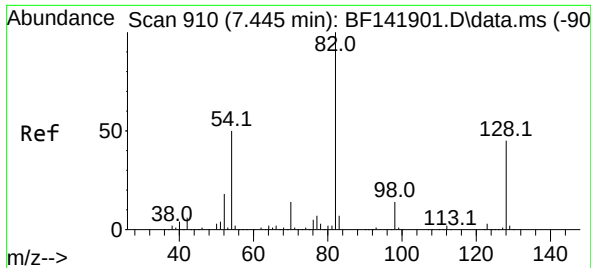
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

Tgt Ion:136 Resp: 565569
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.6 5.8 8.8
68 4.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 95.350 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142090.D

Acq: 25 Mar 2025 21:06

Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion: 82 Resp: 95826

Ion Ratio Lower Upper

82 100

128 46.0 36.0 54.0

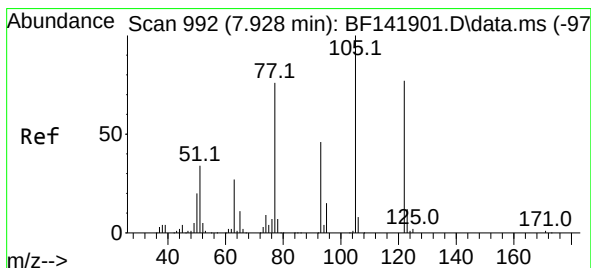
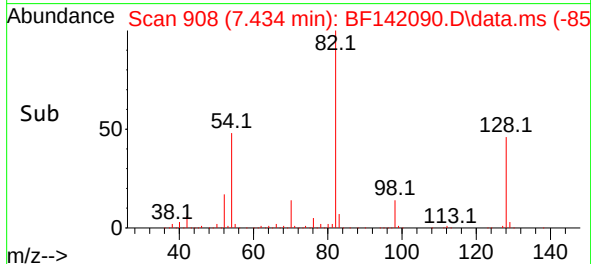
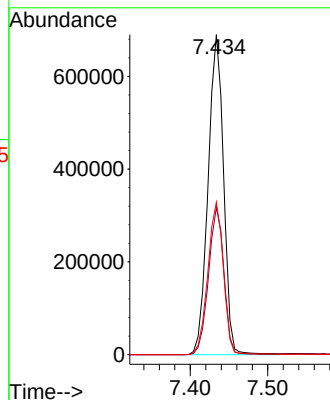
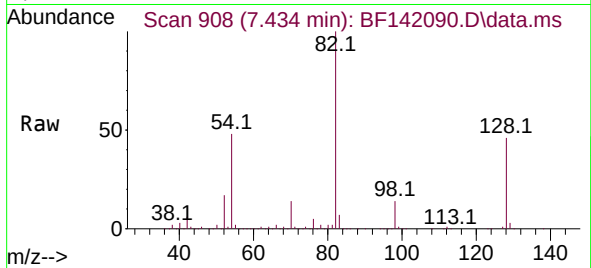
54 47.6 39.6 59.4

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#32

Benzoic acid

Concen: 3.737 ng m

RT: 7.863 min Scan# 981

Delta R.T. -0.065 min

Lab File: BF142090.D

Acq: 25 Mar 2025 21:06

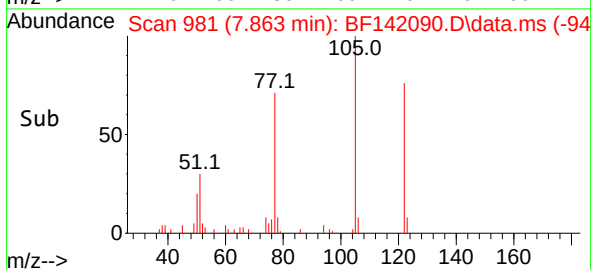
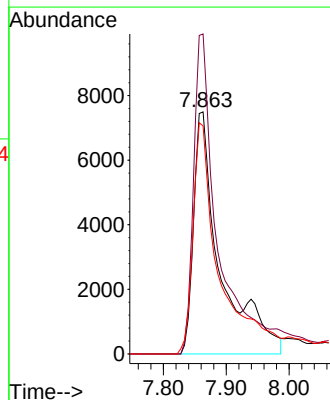
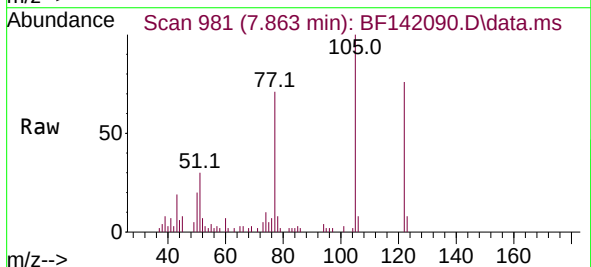
Tgt Ion:122 Resp: 22178

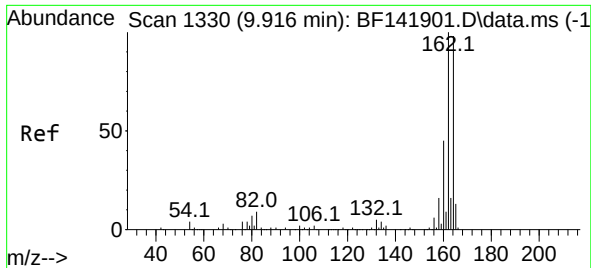
Ion Ratio Lower Upper

122 100

105 132.3 107.9 147.9

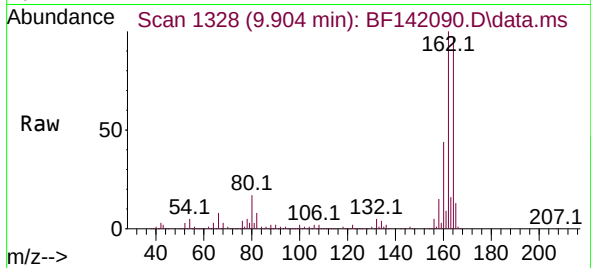
77 94.2 79.0 119.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

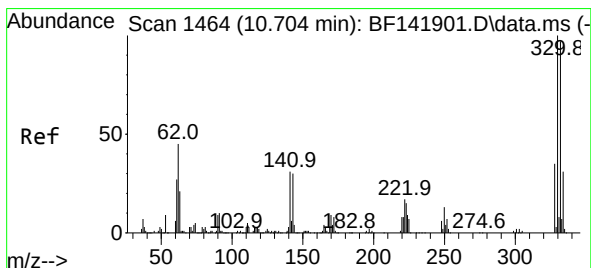
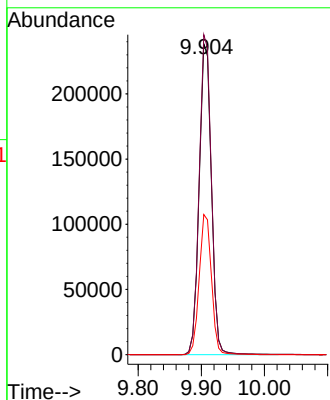
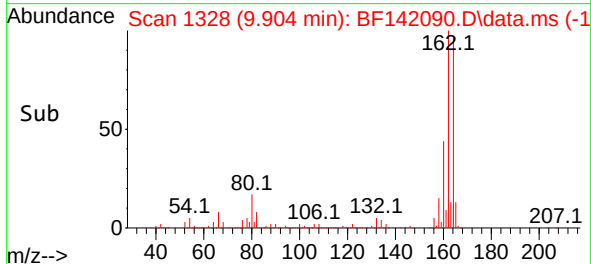
Instrument :
BNA_F
ClientSampleId :
WC-1



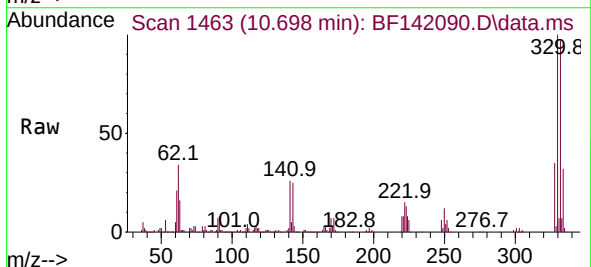
Tgt Ion:164 Resp: 320176
Ion Ratio Lower Upper
164 100
162 103.0 81.8 122.6
160 45.1 36.7 55.1

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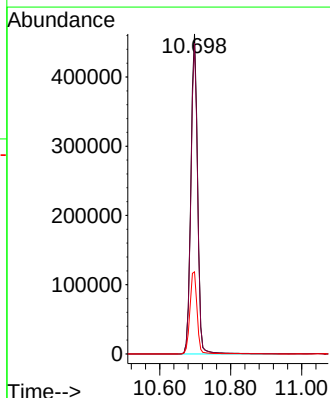
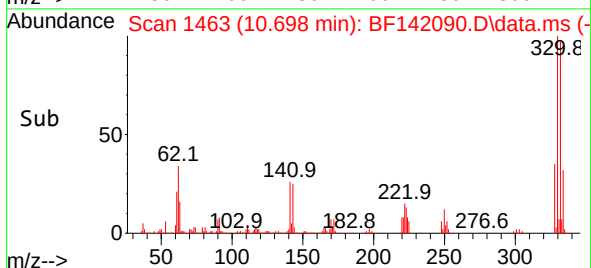
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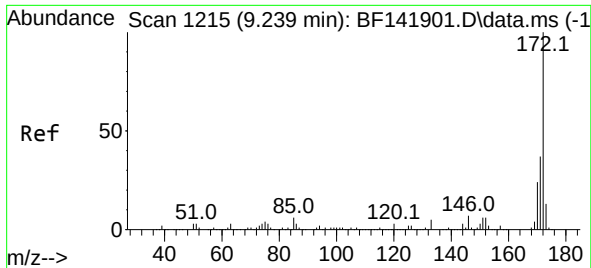


#42
2,4,6-Tribromophenol
Concen: 149.130 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06



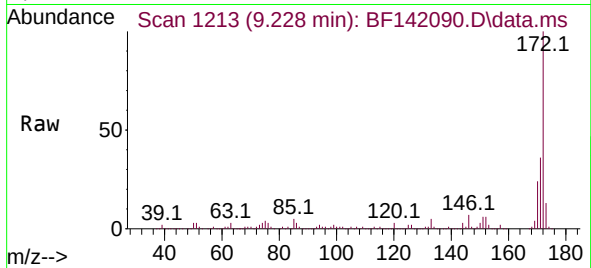
Tgt Ion:330 Resp: 605732
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 27.4 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 94.906 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

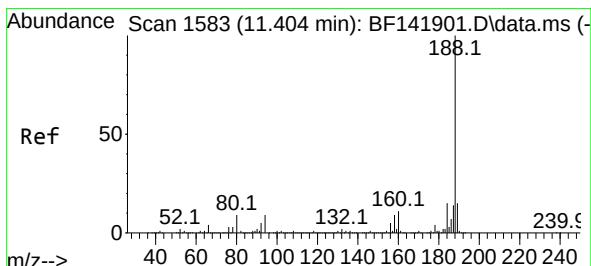
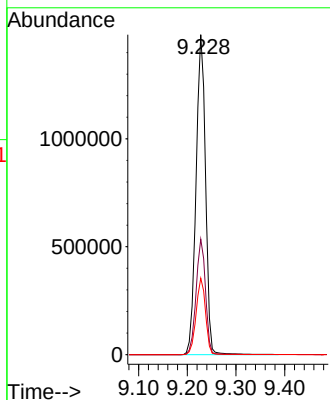
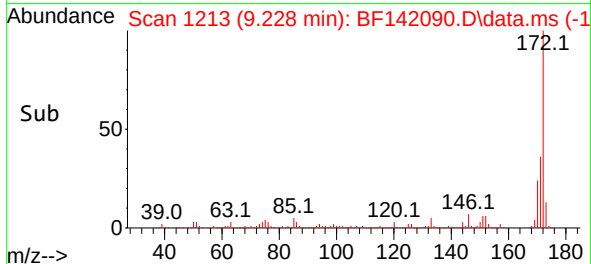
Instrument :
BNA_F
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WC-1



Tgt Ion:172 Resp: 1998015
Ion Ratio Lower Upper
172 100
171 36.1 29.3 43.9
170 23.9 19.4 29.0

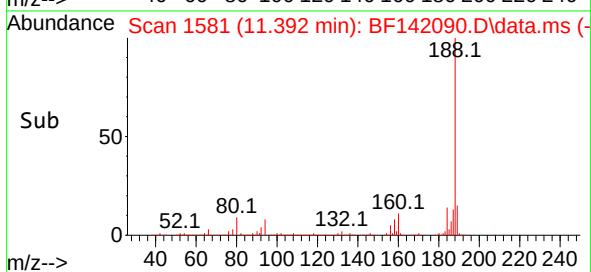
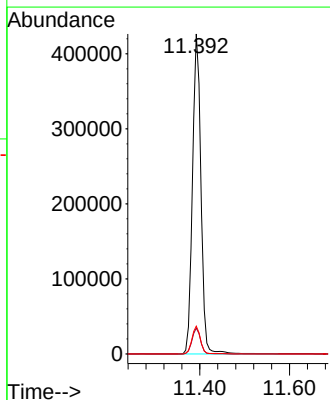
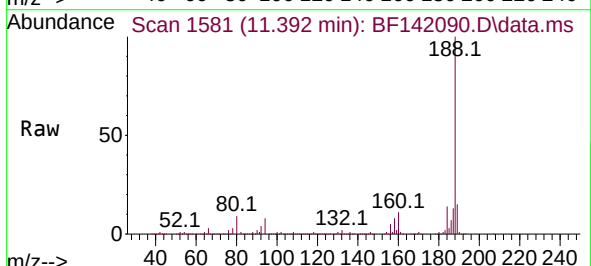
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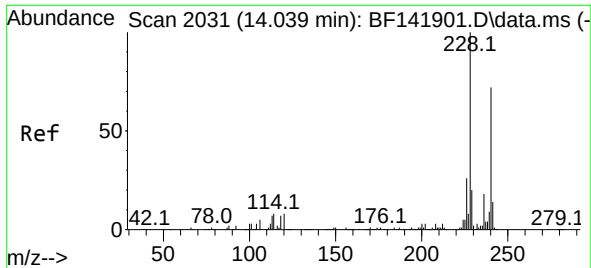
Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

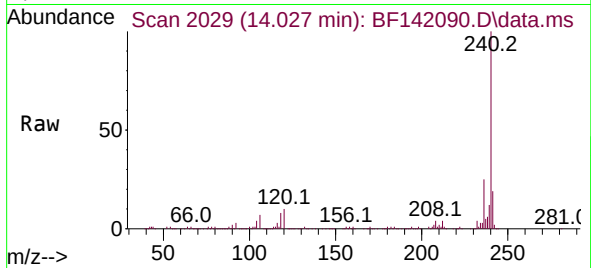
Tgt Ion:188 Resp: 556504
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.7 7.6 11.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

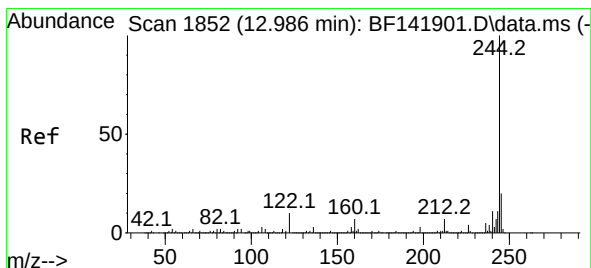
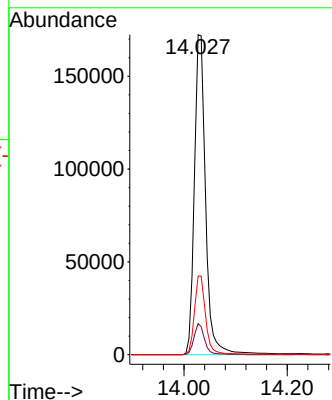
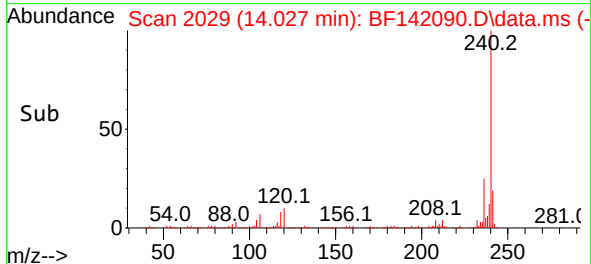
Instrument :
BNA_F
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WC-1



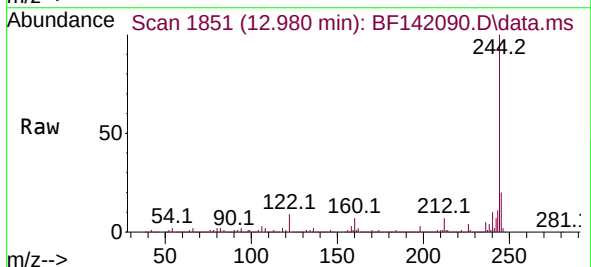
Tgt Ion:240 Resp: 260762
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 24.5 20.5 30.7

Manual Integrations
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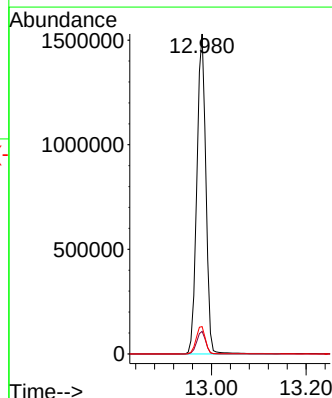
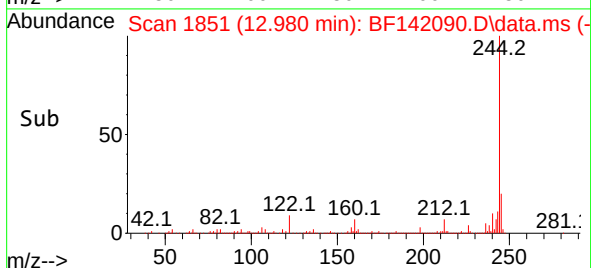
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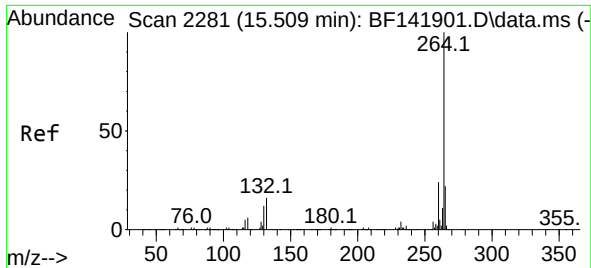


#79
Terphenyl-d14
Concen: 114.445 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06



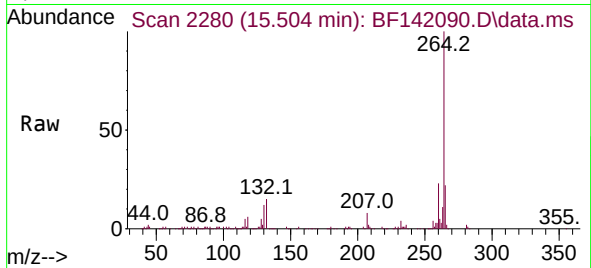
Tgt Ion:244 Resp: 2018520
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 8.5 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. -0.006 min
 Lab File: BF142090.D
 Acq: 25 Mar 2025 21:06

Instrument :
 BNA_F
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Tgt Ion:264 Resp: 183506
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.1 28.7
 265 21.7 17.5 26.3

Manual Integrations
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