

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141433.D
 Acq On : 05 Feb 2025 02:07
 Operator : RC/JU
 Sample : Q1241-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-5.3-013025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025

Quant Time: Feb 05 02:46:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	80166	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	313710	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	169555	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	249652	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	170048	20.000	ng	#-0.01
86) Perylene-d12	15.416	264	132625	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	401888	76.963	ng	0.00
7) Phenol-d6	6.434	99	576328	86.759	ng	0.00
23) Nitrobenzene-d5	7.351	82	382400	64.259	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	98060	63.084	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	668759	60.709	ng	-0.01
79) Terphenyl-d14	12.904	244	537146	48.714	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.339	178	230901	17.206	ng	99
72) Anthracene	11.392	178	74607	5.674	ng	99
75) Fluoranthene	12.533	202	507589	38.307	ng	98
78) Pyrene	12.763	202	549605	33.671	ng	99
81) Benzo(a)anthracene	13.951	228	245477	20.920	ng	96
83) Chrysene	13.986	228	193486	17.992	ng	97
84) Bis(2-ethylhexyl)phtha...	13.945	149	33795	4.672	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.857	276	85433m	9.981	ng	
88) Benzo(b)fluoranthene	14.998	252	262259m	31.437	ng	
89) Benzo(k)fluoranthene	15.016	252	76310m	10.326	ng	
90) Benzo(a)pyrene	15.357	252	181316	25.719	ng	96
91) Dibenzo(a,h)anthracene	16.868	278	20998	3.049	ng	# 77
92) Benzo(g,h,i)perylene	17.298	276	80443	11.234	ng	95

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

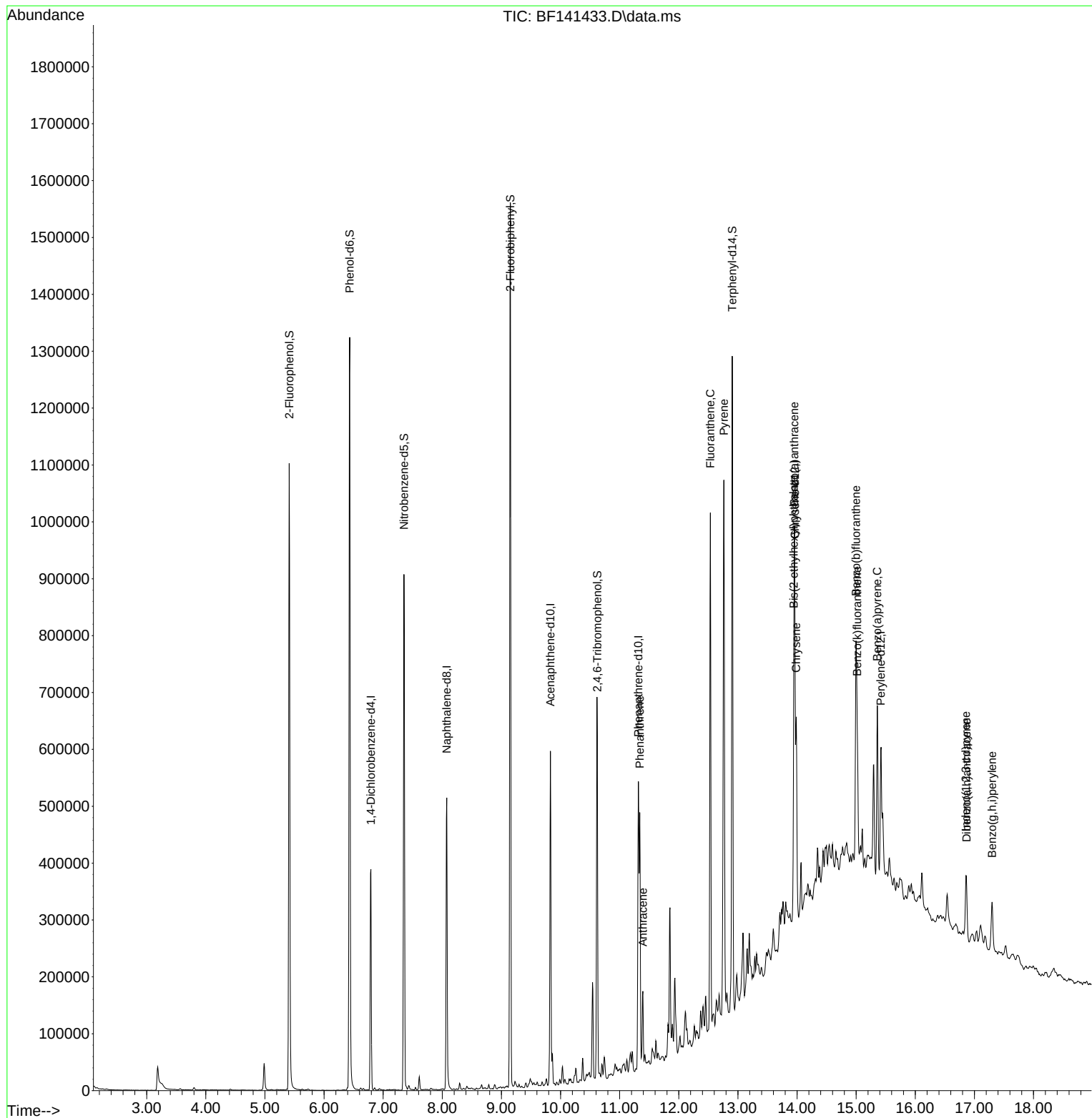
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141433.D
Acq On : 05 Feb 2025 02:07
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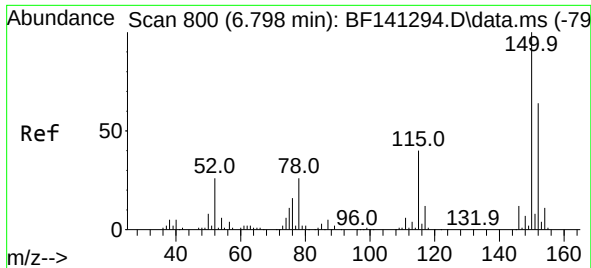
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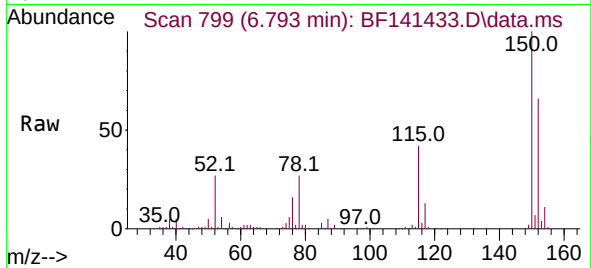
Quant Time: Feb 05 02:46:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

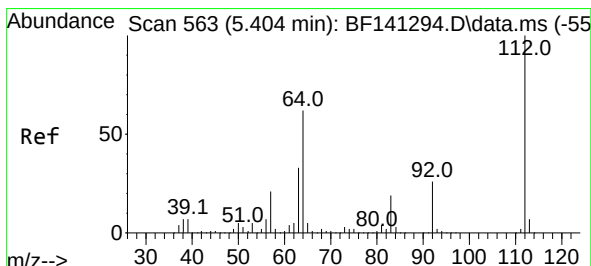
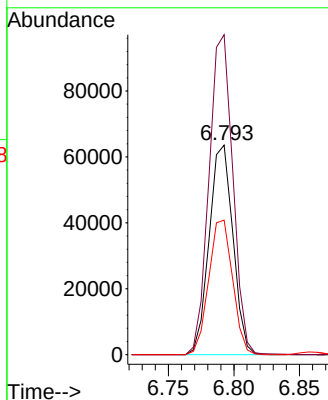
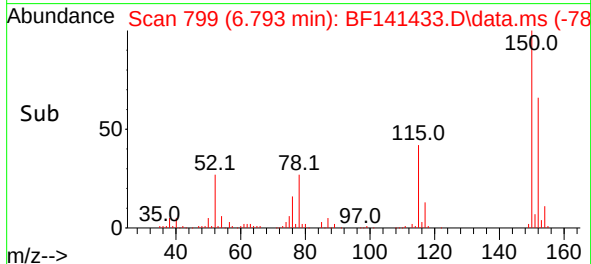
Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025



Tgt Ion:152 Resp: 80160
Ion Ratio Lower Upper
152 100
150 152.6 125.9 188.9
115 64.1 49.7 74.5

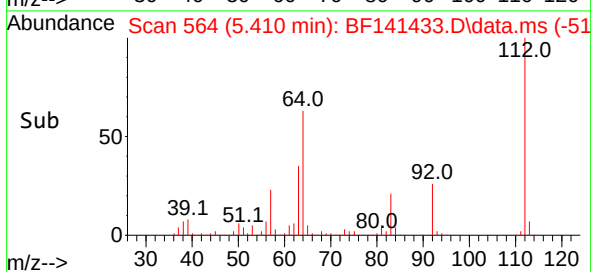
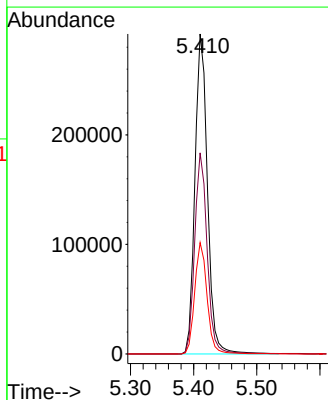
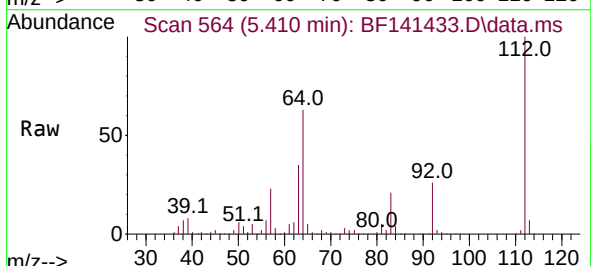
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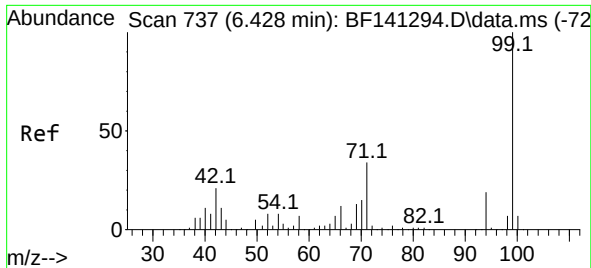
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#5
2-Fluorophenol
Concen: 76.963 ng
RT: 5.410 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

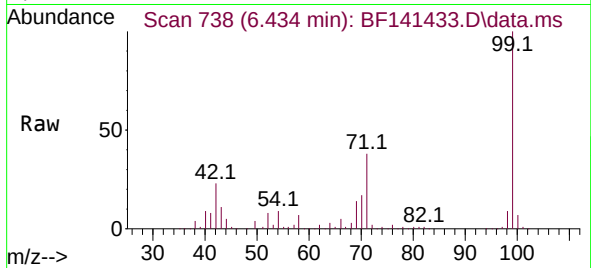
Tgt Ion:112 Resp: 401888
Ion Ratio Lower Upper
112 100
64 62.9 49.8 74.8
63 34.8 26.1 39.1





#7
Phenol-d6
Concen: 86.759 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

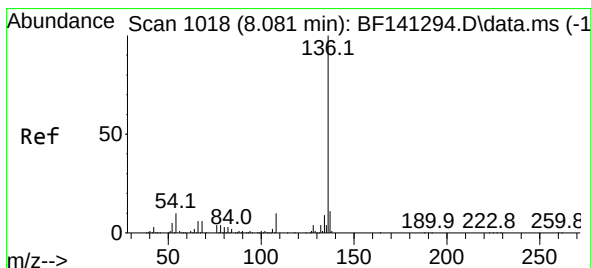
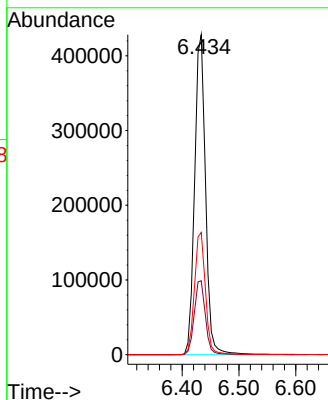
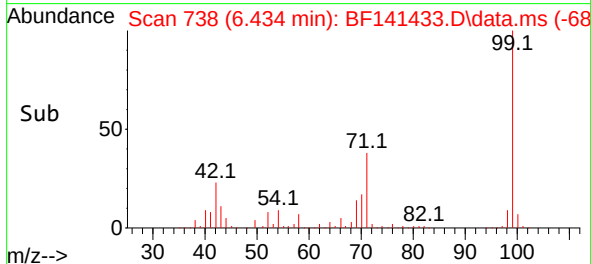
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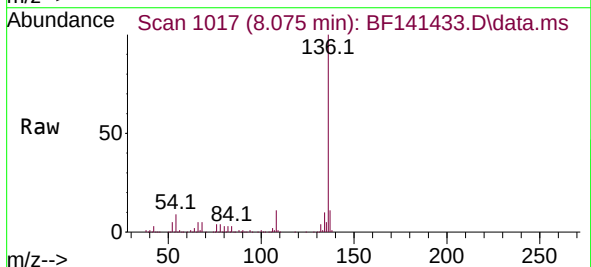
Tgt Ion: 99 Resp: 576328
Ion Ratio Lower Upper
99 100
42 23.1 17.1 25.7
71 38.2 26.9 40.3

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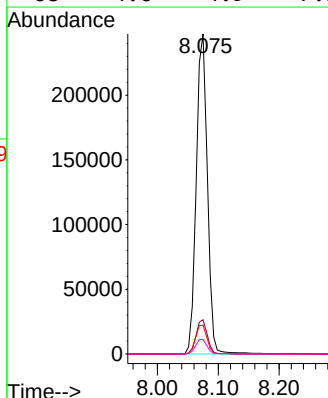
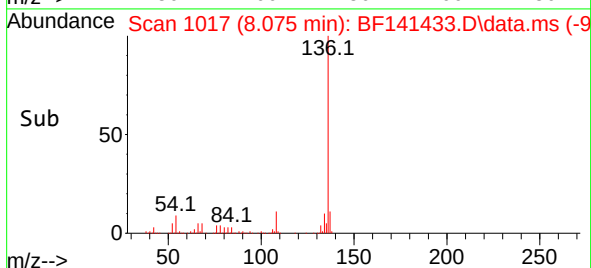
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

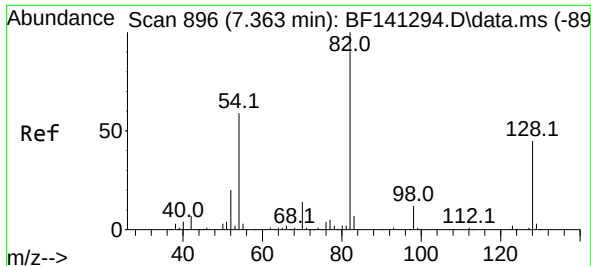


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07



Tgt Ion:136 Resp: 313710
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.0 7.8 11.8
68 4.6 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 64.259 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF141433.D

Acq: 05 Feb 2025 02:07

Instrument :

BNA_F

ClientSampleId :

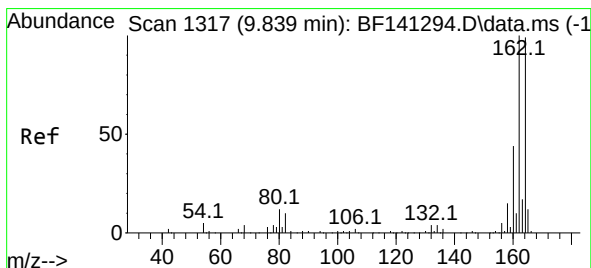
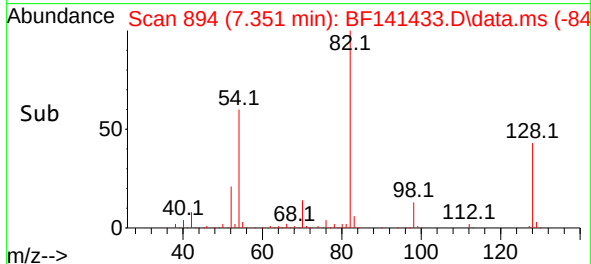
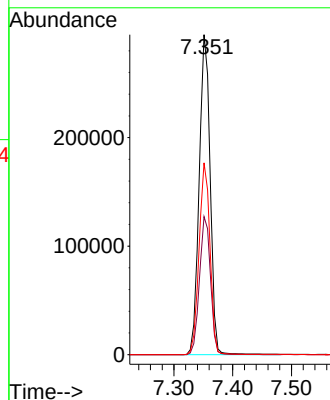
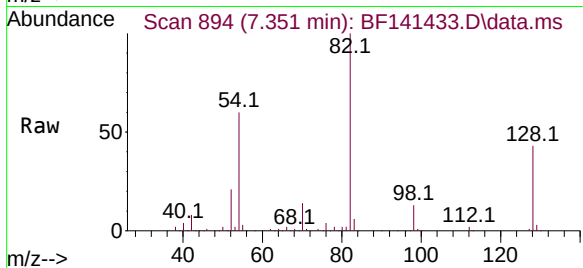
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Tgt Ion: 82 Resp: 382400
 Ion Ratio Lower Upper
 82 100
 128 43.1 35.7 53.5
 54 59.9 47.1 70.7

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#39

Acenaphthene-d10

Concen: 20.000 ng

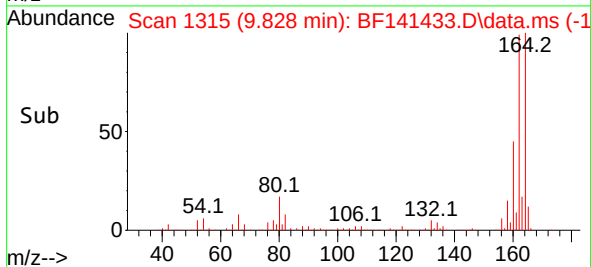
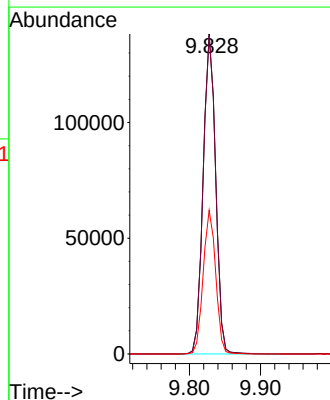
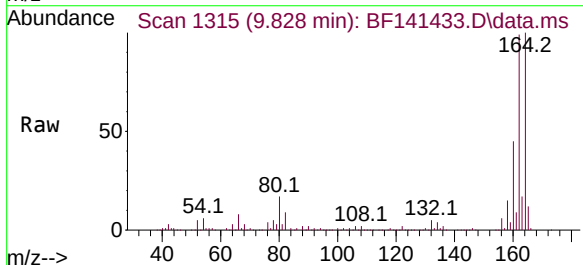
RT: 9.828 min Scan# 1315

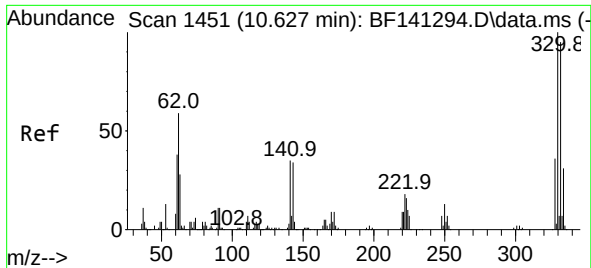
Delta R.T. -0.012 min

Lab File: BF141433.D

Acq: 05 Feb 2025 02:07

Tgt Ion:164 Resp: 169555
 Ion Ratio Lower Upper
 164 100
 162 99.4 80.6 121.0
 160 44.9 35.8 53.6





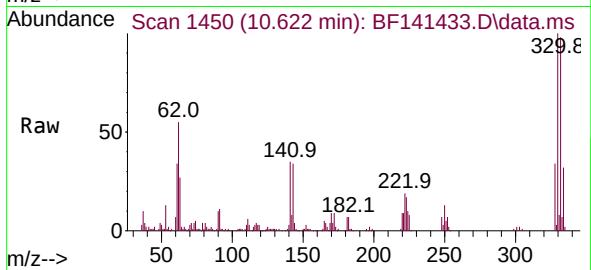
#42
2,4,6-Tribromophenol
Concen: 63.084 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Instrument :

BNA_F

ClientSampleId :

JPP-5.3-013025



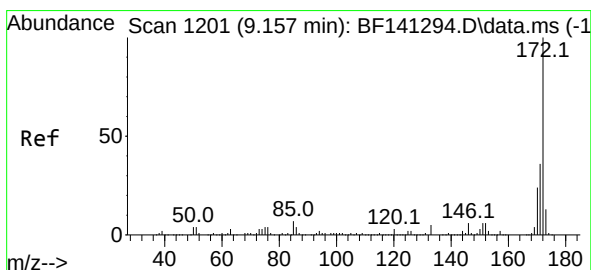
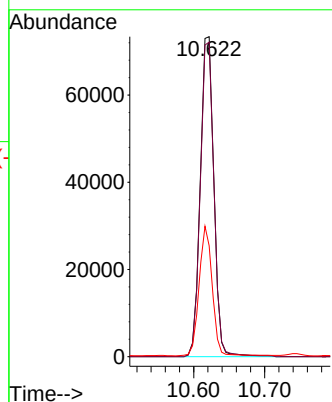
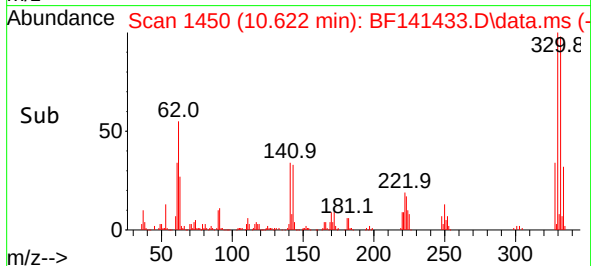
Tgt Ion:330 Resp: 98060
Ion Ratio Lower Upper
330 100
332 98.3 76.1 114.1
141 39.1 28.8 43.2

Manual Integrations

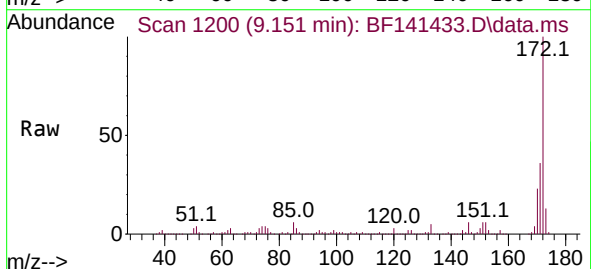
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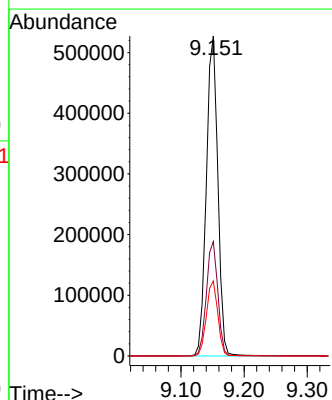
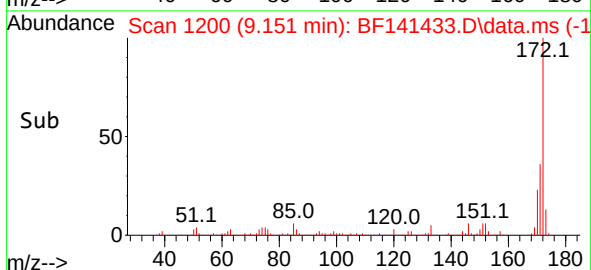
Supervised By :mohammad ahmed 02/05/2025

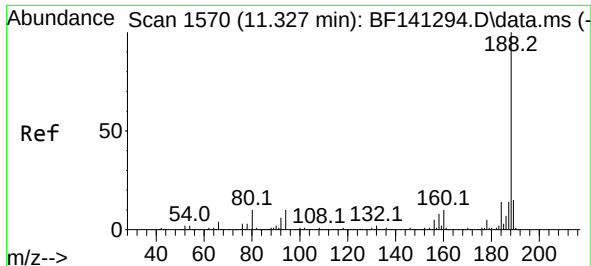


#45
2-Fluorobiphenyl
Concen: 60.709 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07



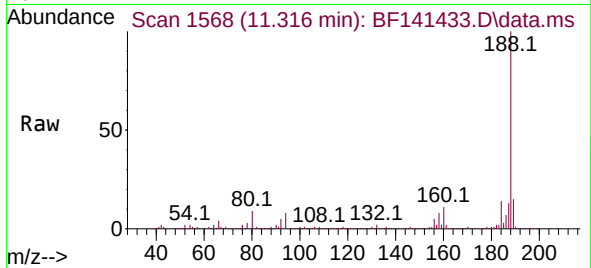
Tgt Ion:172 Resp: 668759
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.4 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

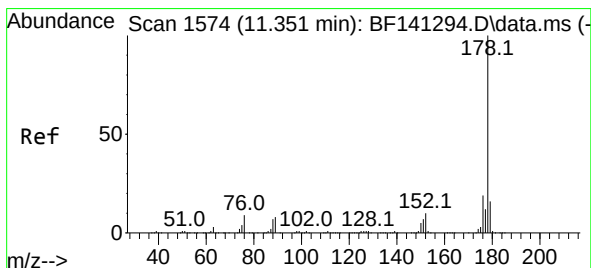
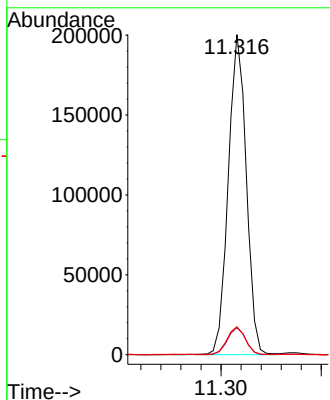
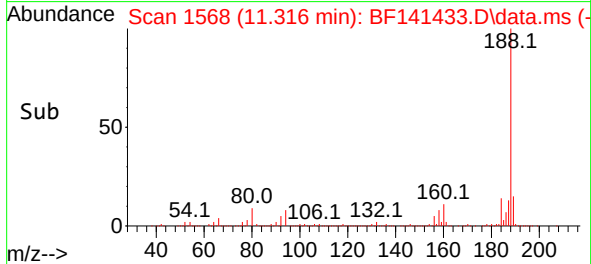
Instrument :
BNA_F
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Tgt Ion:188 Resp: 249652
Ion Ratio Lower Upper
188 100
94 8.5 7.8 11.6
80 8.8 8.2 12.4

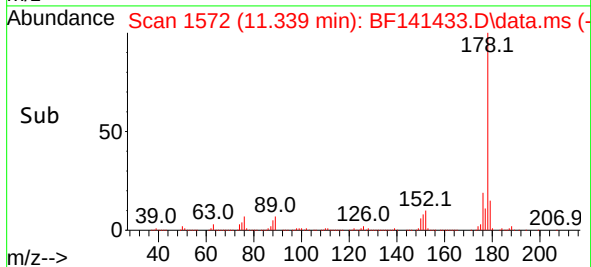
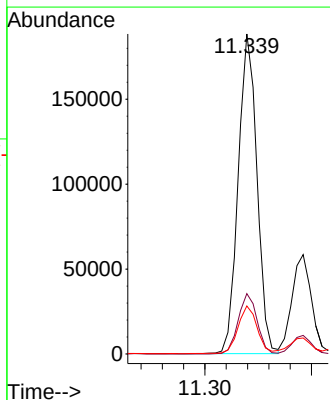
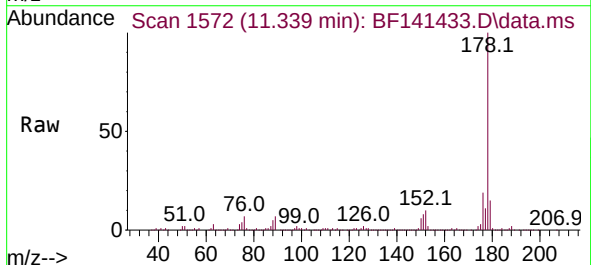
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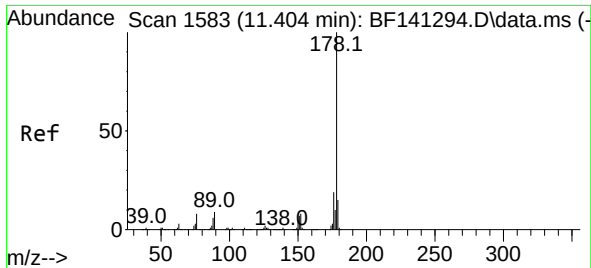
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#71
Phenanthrene
Concen: 17.206 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

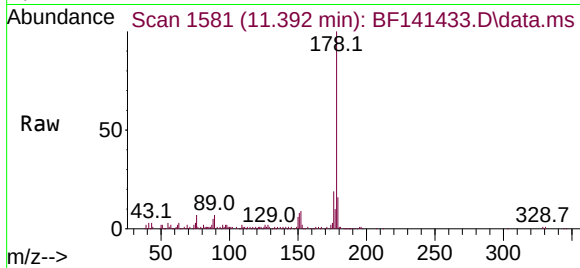
Tgt Ion:178 Resp: 230901
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.0 12.5 18.7





#72
 Anthracene
 Concen: 5.674 ng
 RT: 11.392 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141433.D
 Acq: 05 Feb 2025 02:07

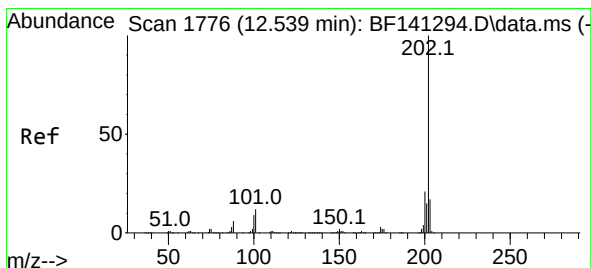
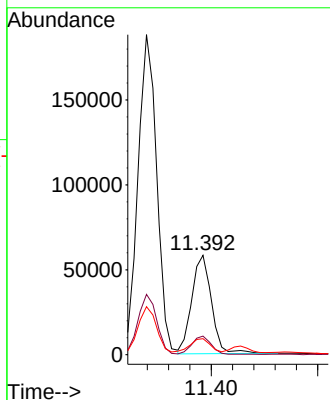
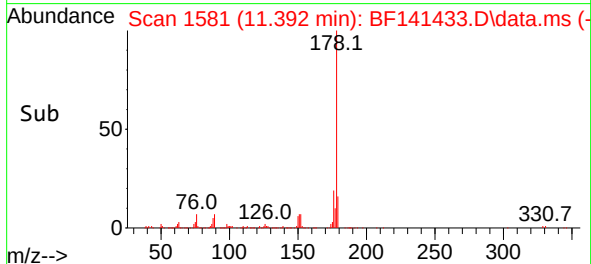
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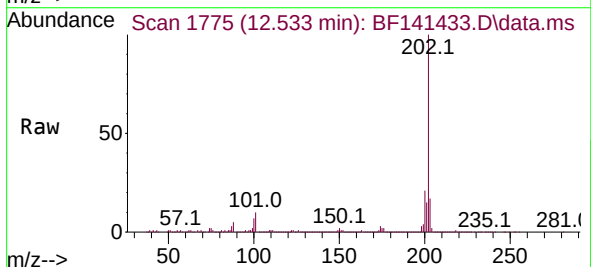
Tgt Ion:178 Resp: 7460
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.0 22.6
 179 16.1 12.3 18.5

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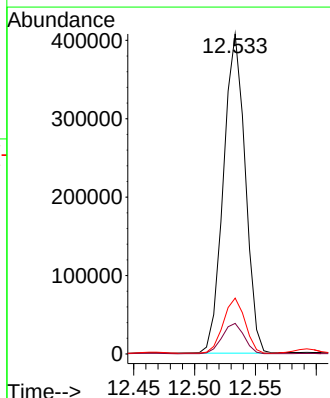
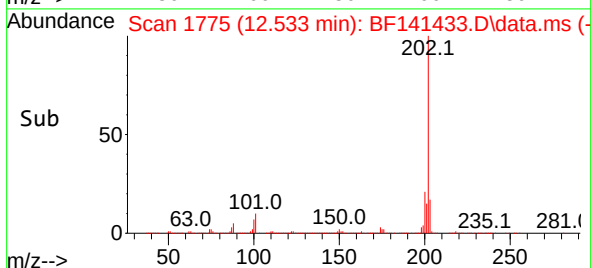
Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025

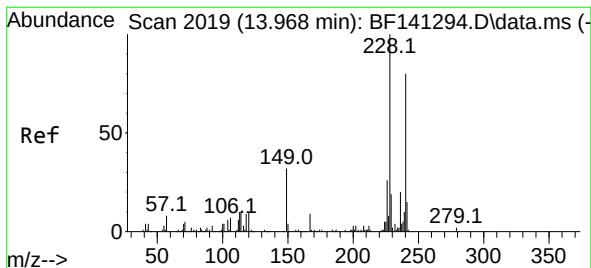


#75
 Fluoranthene
 Concen: 38.307 ng
 RT: 12.533 min Scan# 1775
 Delta R.T. -0.006 min
 Lab File: BF141433.D
 Acq: 05 Feb 2025 02:07



Tgt Ion:202 Resp: 507589
 Ion Ratio Lower Upper
 202 100
 101 9.6 0.0 31.7
 203 17.5 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF141433.D

Acq: 05 Feb 2025 02:07

Instrument :

BNA_F

ClientSampleId :

JPP-5.3-013025

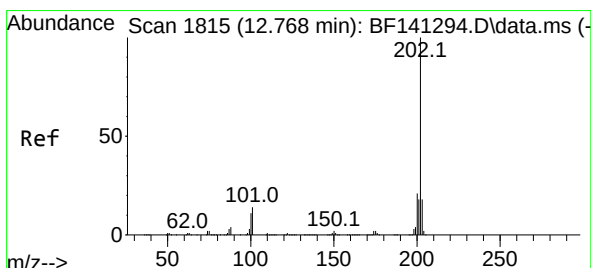
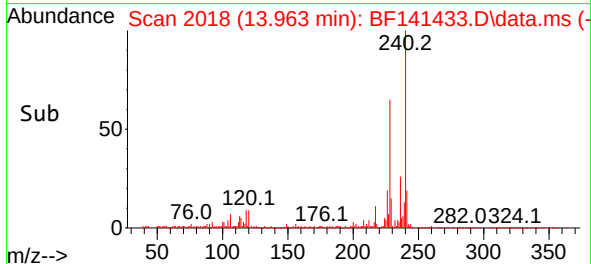
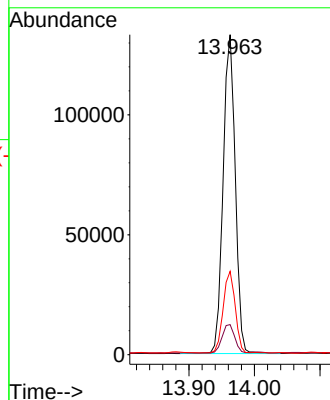
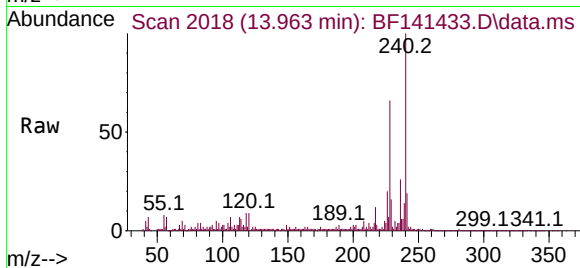
Tgt Ion:240 Resp: 170048
 Ion Ratio Lower Upper
 240 100
 120 9.4 10.0 15.0
 236 26.0 19.7 29.5

Manual Integrations

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Reviewed By :Yogesh Patel 02/05/2025

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#78

Pyrene

Concen: 33.671 ng

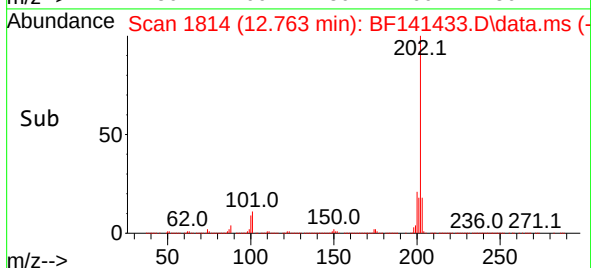
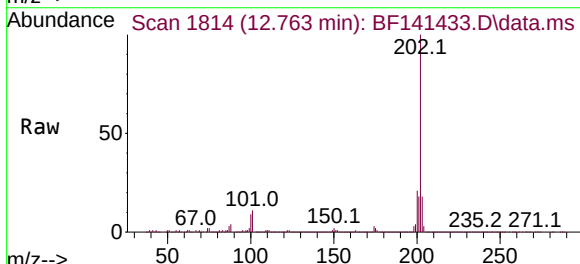
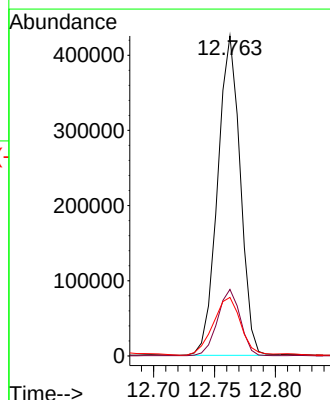
RT: 12.763 min Scan# 1814

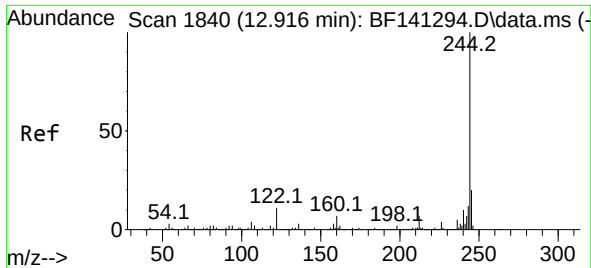
Delta R.T. -0.006 min

Lab File: BF141433.D

Acq: 05 Feb 2025 02:07

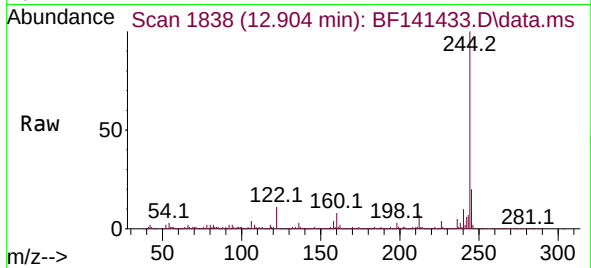
Tgt Ion:202 Resp: 549605
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.0 25.4
 203 18.3 14.3 21.5





#79
 Terphenyl-d14
 Concen: 48.714 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141433.D
 Acq: 05 Feb 2025 02:07

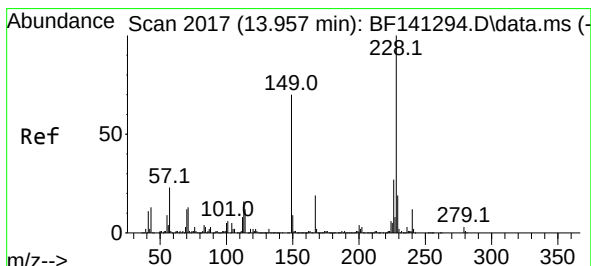
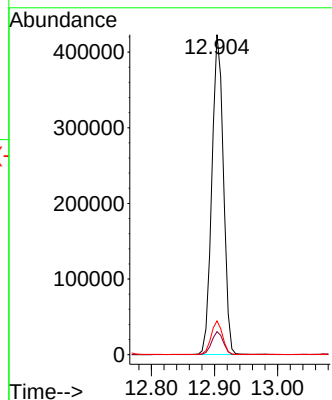
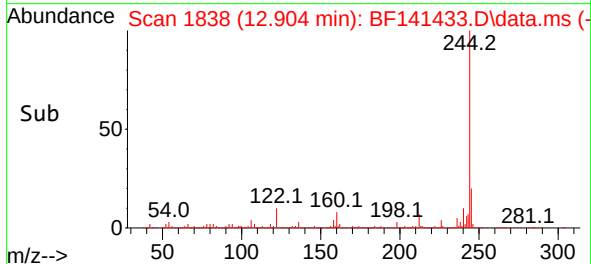
Instrument :
 BNA_F
 ClientSampleId :
 JPP-5.3-013025



Tgt Ion:244 Resp: 537140
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 10.6 8.8 13.2

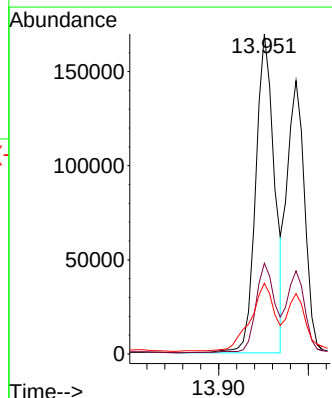
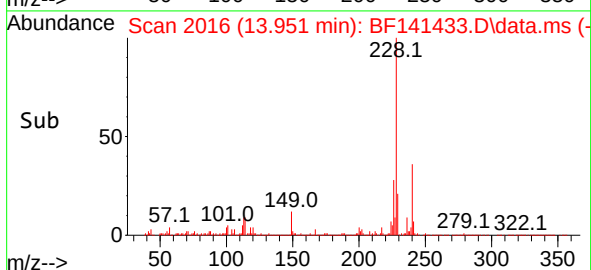
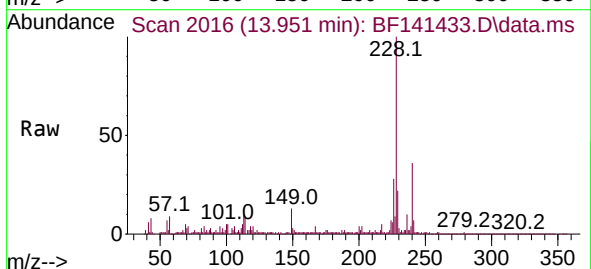
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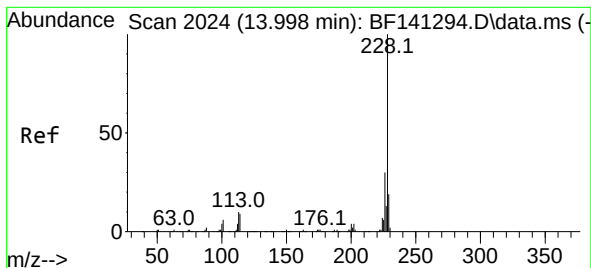
Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025



#81
 Benzo(a)anthracene
 Concen: 20.920 ng
 RT: 13.951 min Scan# 2016
 Delta R.T. -0.012 min
 Lab File: BF141433.D
 Acq: 05 Feb 2025 02:07

Tgt Ion:228 Resp: 245477
 Ion Ratio Lower Upper
 228 100
 226 28.4 21.4 32.2
 229 22.1 15.5 23.3





#83

Chrysene

Concen: 17.992 ng

RT: 13.986 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF141433.D

Acq: 05 Feb 2025 02:07

Instrument :

BNA_F

ClientSampleId :

JPP-5.3-013025

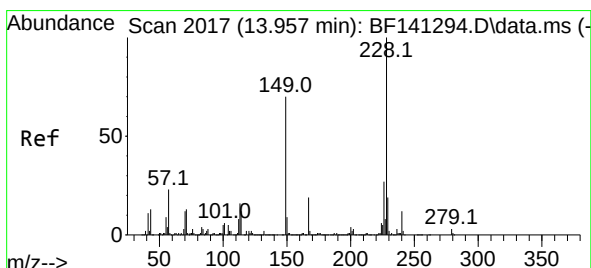
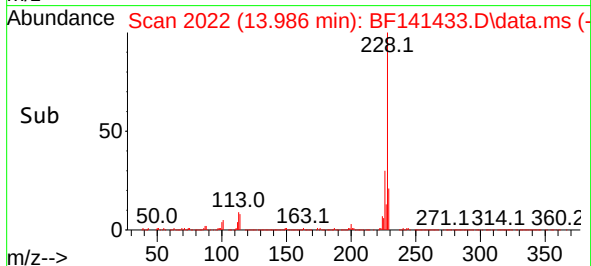
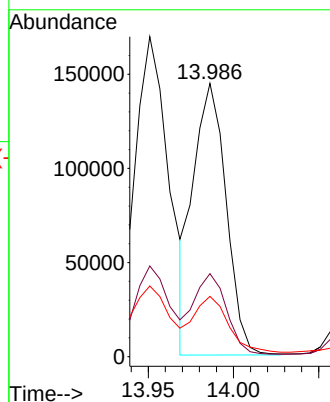
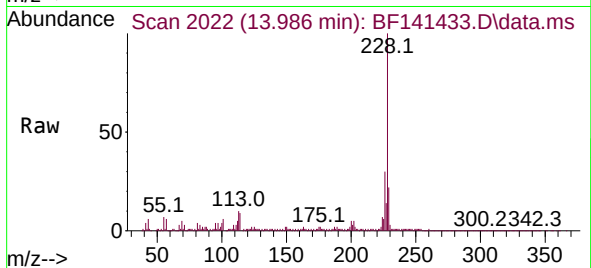
Tgt Ion:228	Resp: 193480
Ion Ratio	Lower Upper
228 100	
226 30.4	24.1 36.1
229 22.1	15.6 23.4

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Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.672 ng

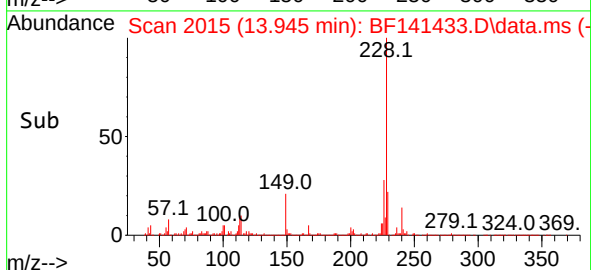
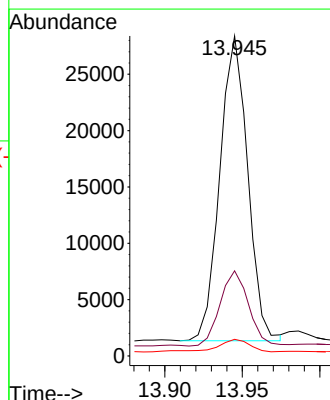
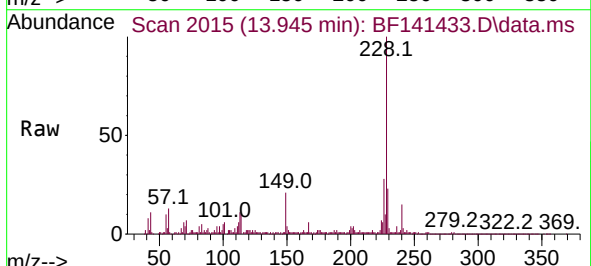
RT: 13.945 min Scan# 2015

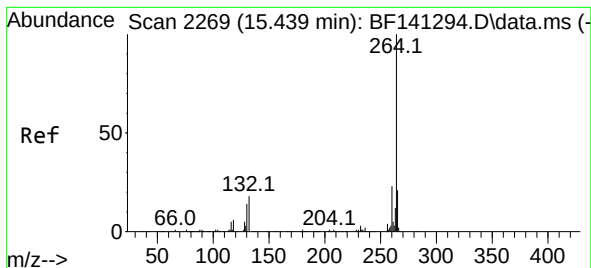
Delta R.T. -0.012 min

Lab File: BF141433.D

Acq: 05 Feb 2025 02:07

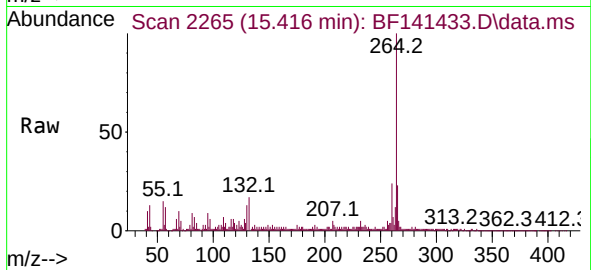
Tgt Ion:149	Resp: 33795
Ion Ratio	Lower Upper
149 100	
167 26.6	21.8 32.8
279 5.2	3.3 4.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.416 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

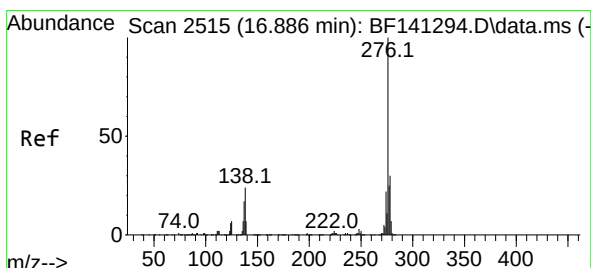
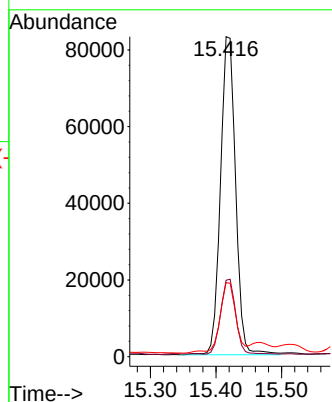
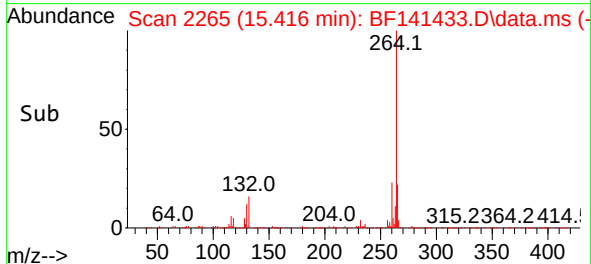
Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025



Tgt Ion:264 Resp: 132629
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 23.1 16.7 25.1

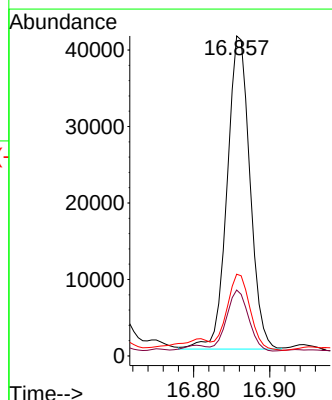
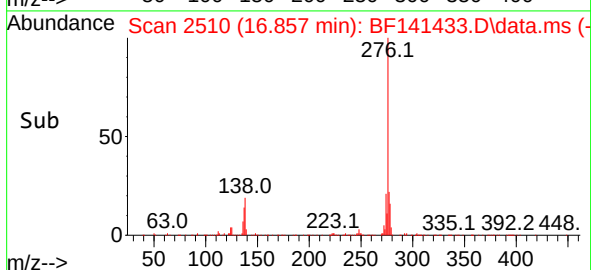
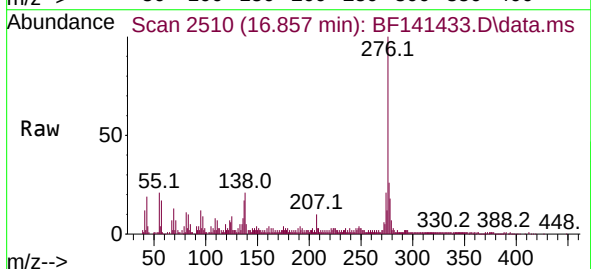
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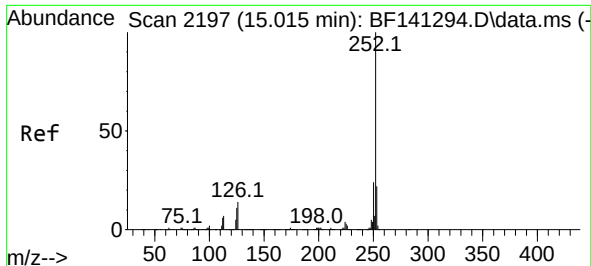
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 9.981 ng m
RT: 16.857 min Scan# 2510
Delta R.T. -0.041 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

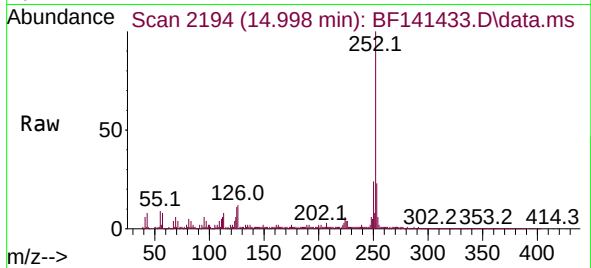
Tgt Ion:276 Resp: 85433
Ion Ratio Lower Upper
276 100
138 3.7 21.7 32.5#
277 4.3 20.3 30.5#





#88
Benzo(b)fluoranthene
Concen: 31.437 ng m
RT: 14.998 min Scan# 2197
Delta R.T. -0.024 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

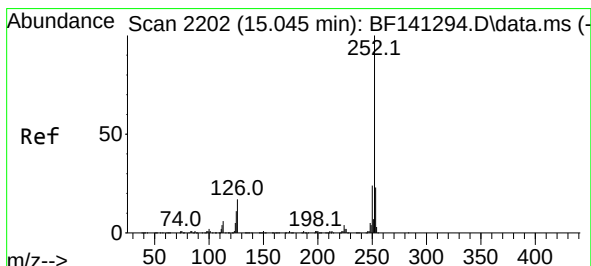
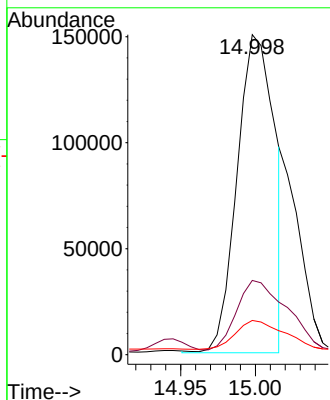
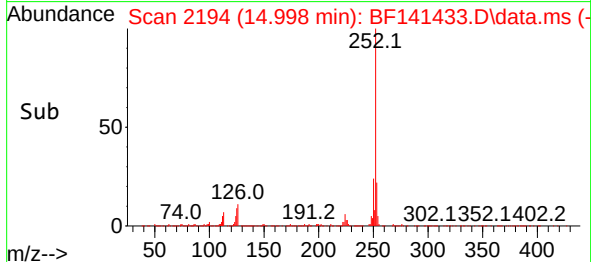
Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025



Tgt Ion:252 Resp: 262259
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 10.7 8.6 12.8

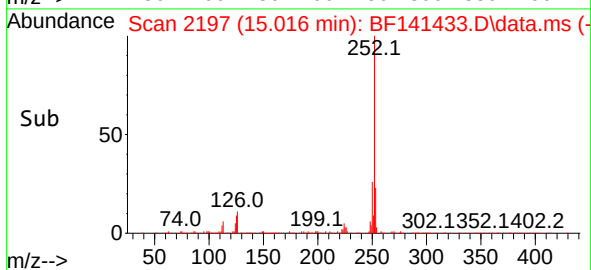
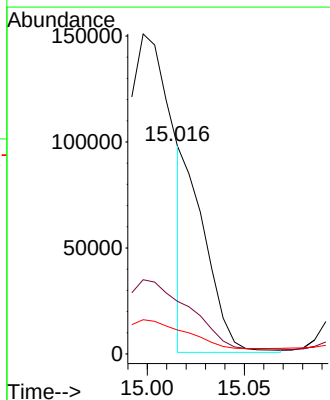
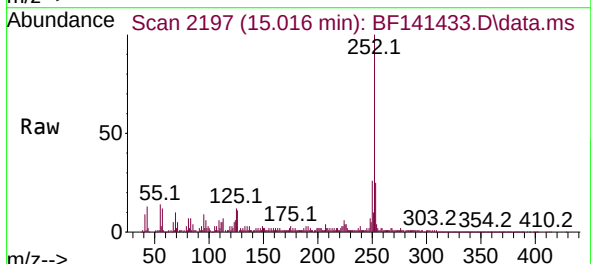
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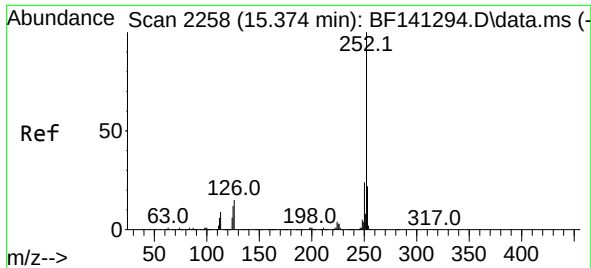
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#89
Benzo(k)fluoranthene
Concen: 10.326 ng m
RT: 15.016 min Scan# 2197
Delta R.T. -0.035 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

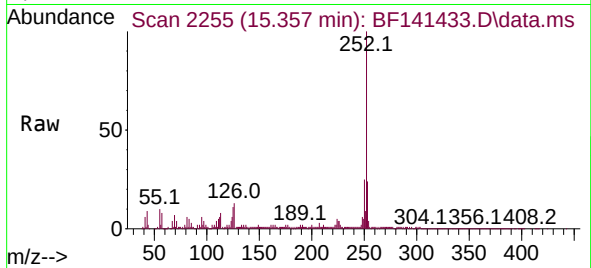
Tgt Ion:252 Resp: 76310
Ion Ratio Lower Upper
252 100
253 25.3 17.6 26.4
125 11.6 8.4 12.6





#90
Benzo(a)pyrene
Concen: 25.719 ng
RT: 15.357 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

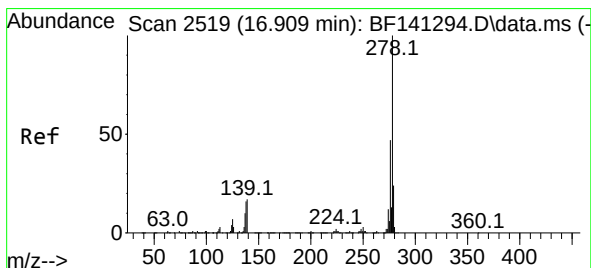
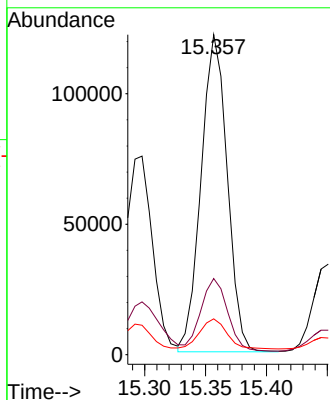
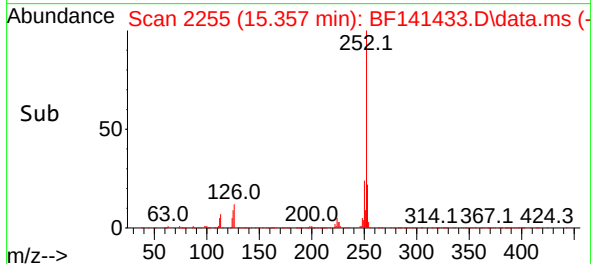
Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025



Tgt Ion:252 Resp: 181310
Ion Ratio Lower Upper
252 100
253 23.8 17.2 25.8
125 11.2 9.4 14.2

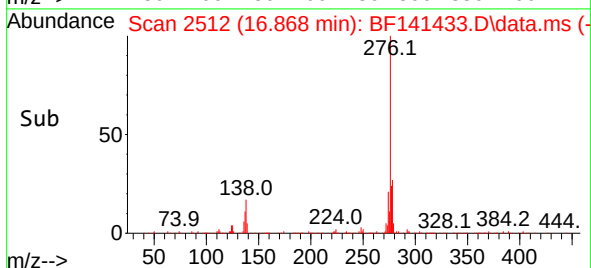
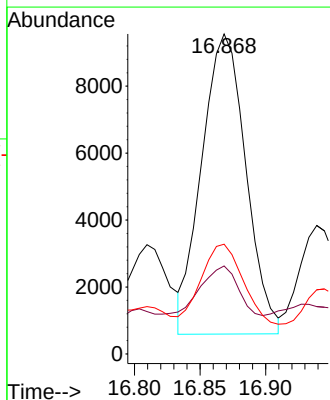
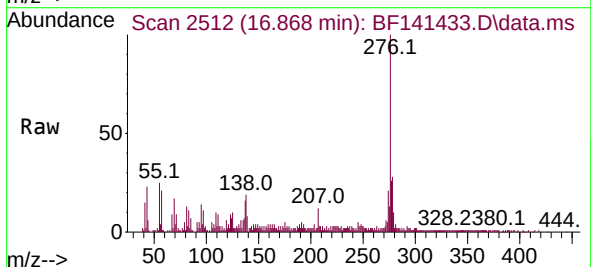
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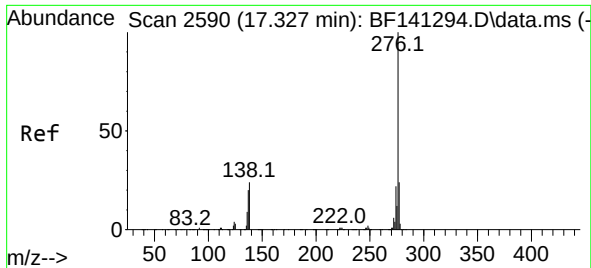
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#91
Dibenzo(a,h)anthracene
Concen: 3.049 ng
RT: 16.868 min Scan# 2512
Delta R.T. -0.053 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

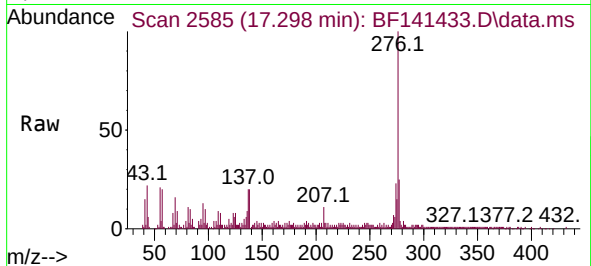
Tgt Ion:278 Resp: 20998
Ion Ratio Lower Upper
278 100
139 27.5 13.9 20.9#
279 34.3 18.8 28.2#





#92
 Benzo(g,h,i)perylene
 Concen: 11.234 ng
 RT: 17.298 min Scan# 2585
 Delta R.T. -0.047 min
 Lab File: BF141433.D
 Acq: 05 Feb 2025 02:07

Instrument :
 BNA_F
 ClientSampleId :
 JPP-5.3-013025



Tgt Ion:	276	Resp:	8044
Ion Ratio	Lower	Upper	
276	100		
277	25.4	19.2	28.8
138	19.9	19.0	28.4

Manual Integrations
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Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025

