

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032582.D
 Acq On : 09 Jul 2024 11:37
 Operator : MA/JU
 Sample : P3167-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-DUP-20240702

Quant Time: Jul 09 12:47:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	4397	0.400	ng	0.00
7) Naphthalene-d8	10.357	136	15542	0.400	ng	-0.02
13) Acenaphthene-d10	14.231	164	9707	0.400	ng	0.00
19) Phenanthrene-d10	16.991	188	21842	0.400	ng	-0.01
29) Chrysene-d12	21.202	240	15554	0.400	ng	# 0.00
35) Perylene-d12	23.420	264	9064	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	2695	0.243	ng	0.00
5) Phenol-d6	6.851	99	2520	0.177	ng	0.03
8) Nitrobenzene-d5	8.787	82	3299m	0.284	ng	-0.01
11) 2-Methylnaphthalene-d10	11.960	152	7839	0.319	ng	-0.02
14) 2,4,6-Tribromophenol	15.750	330	1283	0.292	ng	-0.01
15) 2-Fluorobiphenyl	12.852	172	11940	0.334	ng	-0.01
27) Fluoranthene-d10	19.031	212	11624	0.204	ng	-0.01
31) Terphenyl-d14	19.630	244	10190	0.268	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	739	0.128	ng	# 46
9) Naphthalene	10.410	128	1602	0.038	ng	# 64
25) Phenanthrene	17.028	178	1904	0.032	ng	99
34) Bis(2-ethylhexyl)phtha...	21.094	149	90157	2.579	ng	98

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

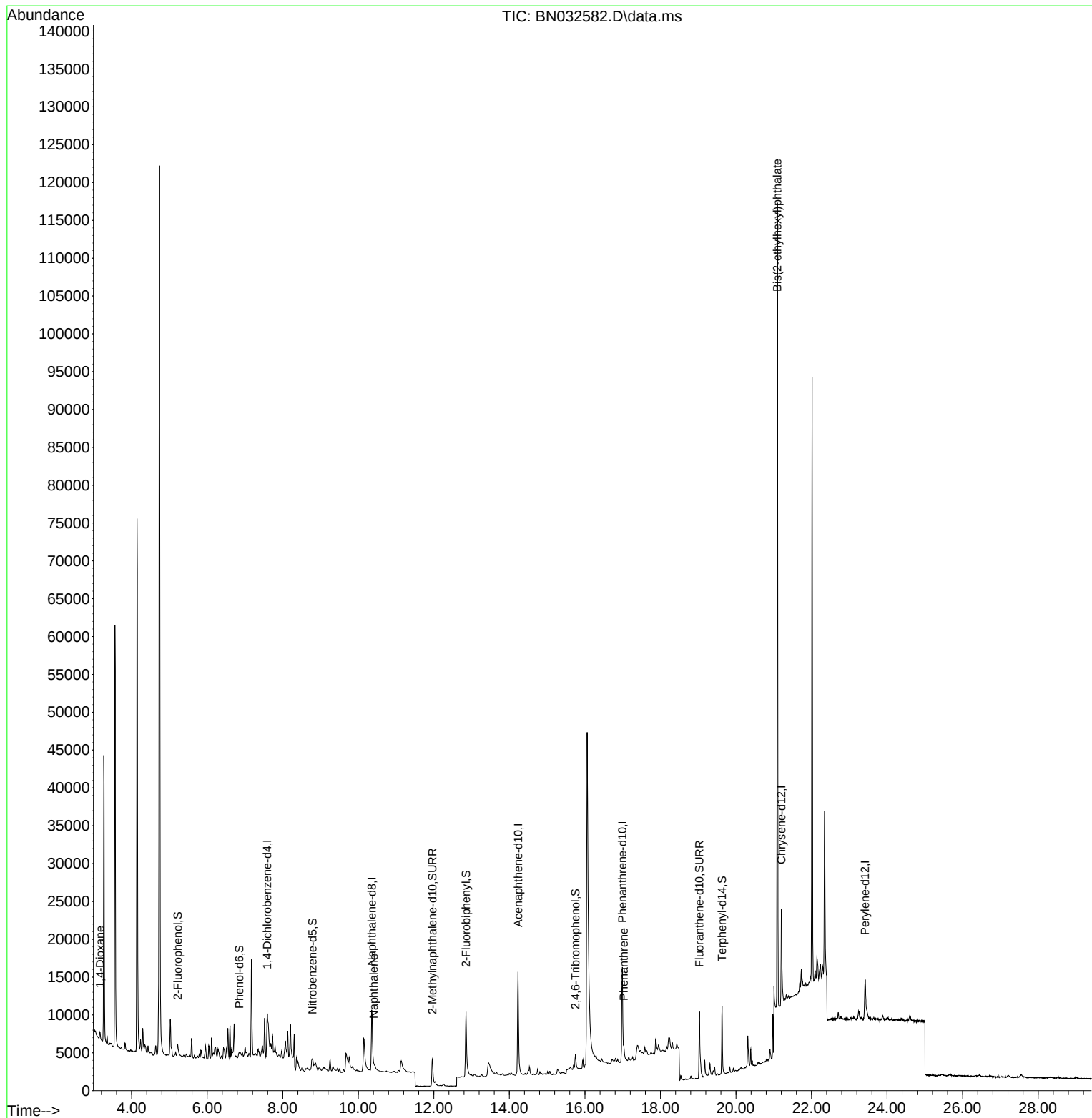
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032582.D
Acq On : 09 Jul 2024 11:37
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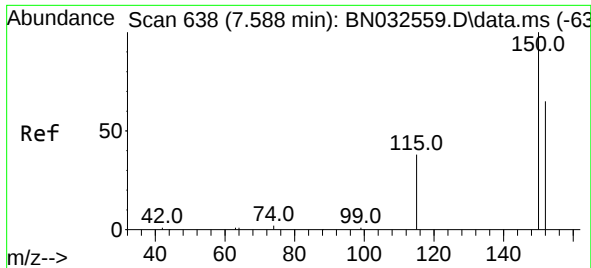
Instrument :
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BP-VPB-196-DUP-20240702

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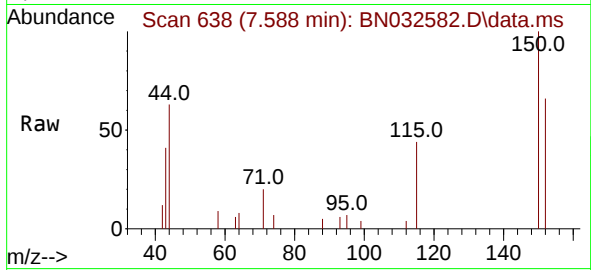
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN032582.D
 Acq: 09 Jul 2024 11:37

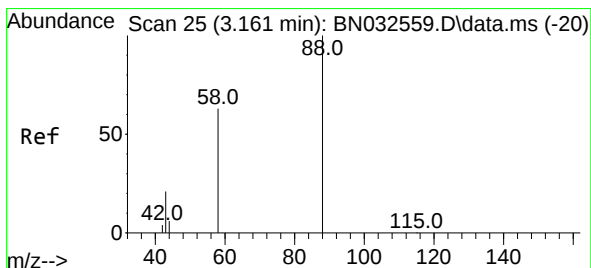
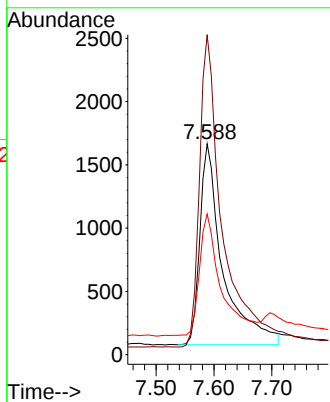
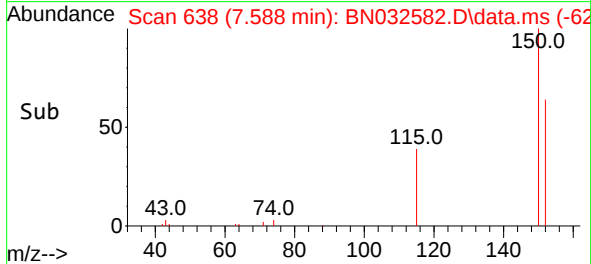
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-DUP-20240702



Tgt Ion: 152 Resp: 439
 Ion Ratio Lower Upper
 152 100
 150 151.8 121.6 182.4
 115 66.8 53.1 79.7

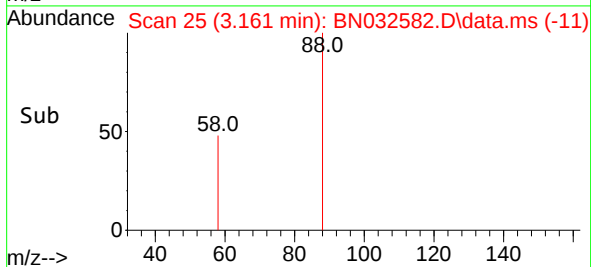
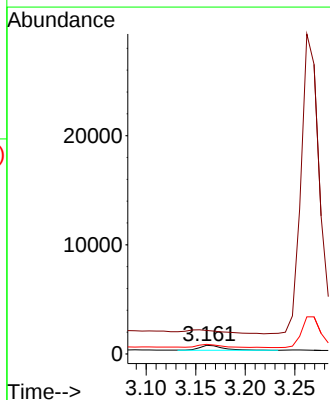
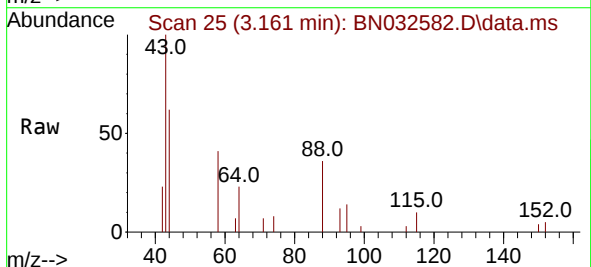
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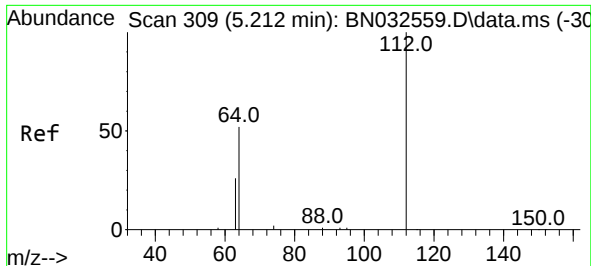
Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/11/2024



#2
 1,4-Dioxane
 Concen: 0.128 ng
 RT: 3.161 min Scan# 25
 Delta R.T. -0.000 min
 Lab File: BN032582.D
 Acq: 09 Jul 2024 11:37

Tgt Ion: 88 Resp: 739
 Ion Ratio Lower Upper
 88 100
 43 118.0 20.4 30.6#
 58 66.2 51.0 76.6





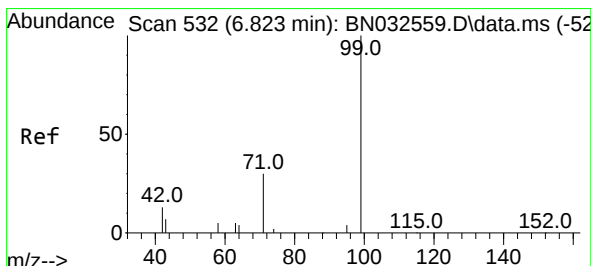
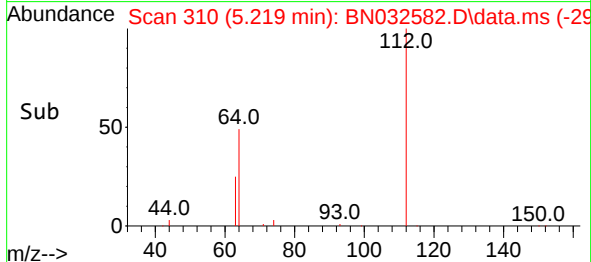
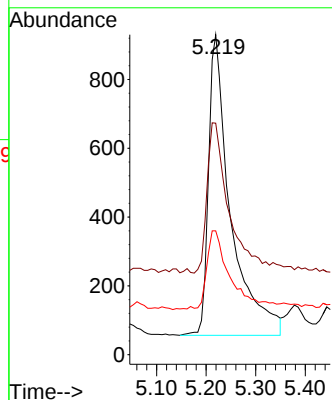
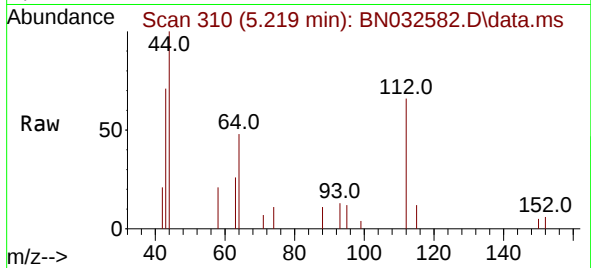
#4
2-Fluorophenol
Concen: 0.243 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-DUP-20240702

Tgt Ion:112 Resp: 269
Ion Ratio Lower Upper
112 100
64 51.0 41.2 61.8
63 28.2 21.6 32.4

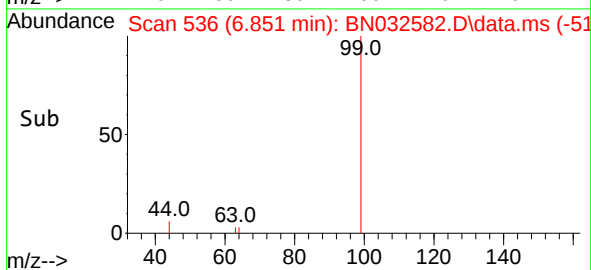
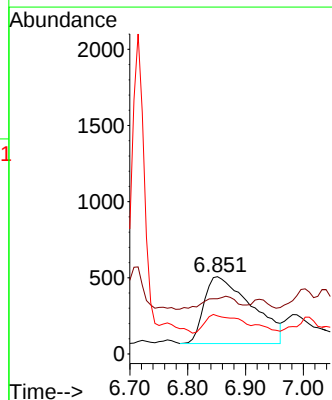
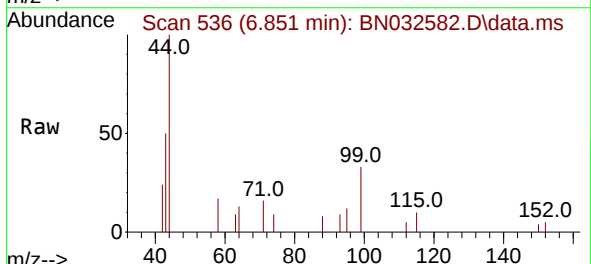
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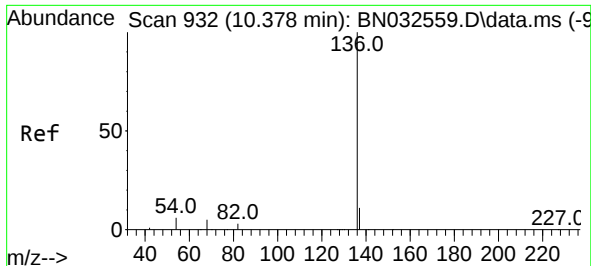
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024



#5
Phenol-d6
Concen: 0.177 ng
RT: 6.851 min Scan# 536
Delta R.T. 0.029 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

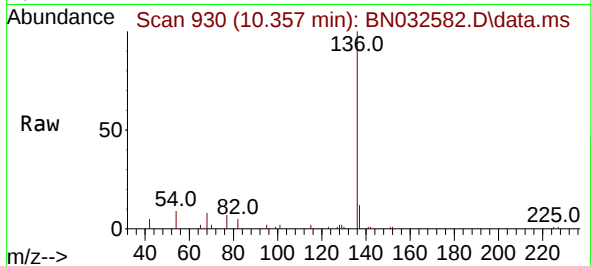
Tgt Ion: 99 Resp: 2520
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0#
71 23.8 25.2 37.8#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.357 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

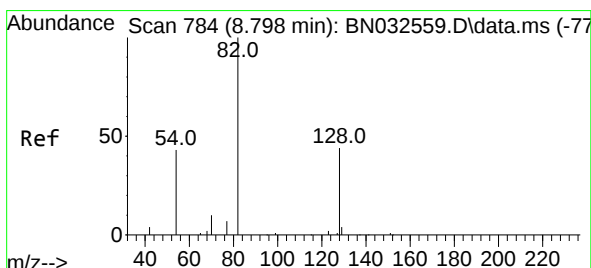
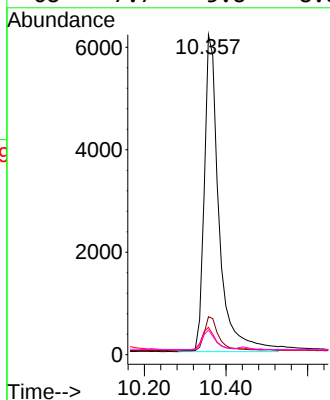
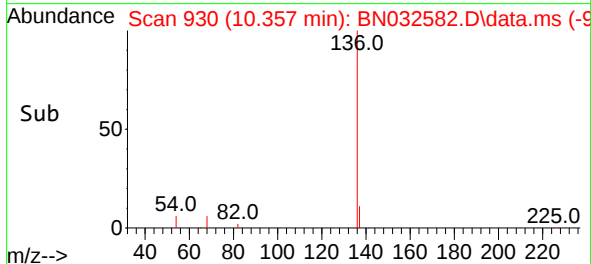
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ClientSampleId :
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Tgt Ion:136 Resp: 1554
Ion Ratio Lower Upper
136 100
137 11.9 10.0 15.0
54 8.5 6.6 9.8
68 7.7 5.8 8.8

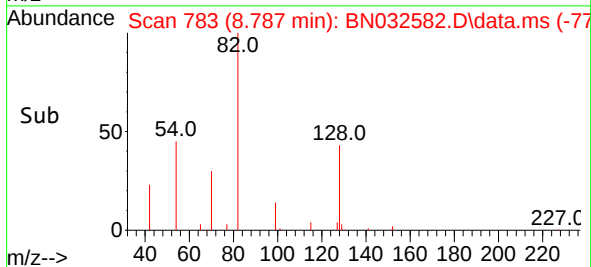
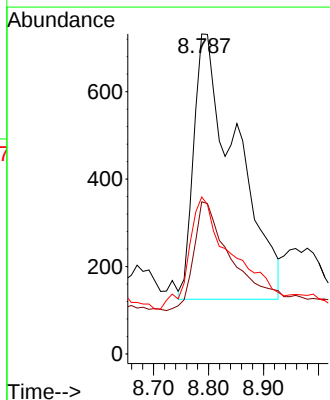
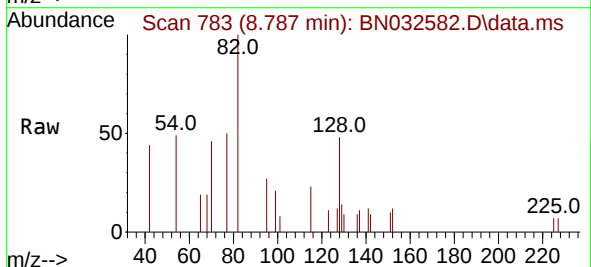
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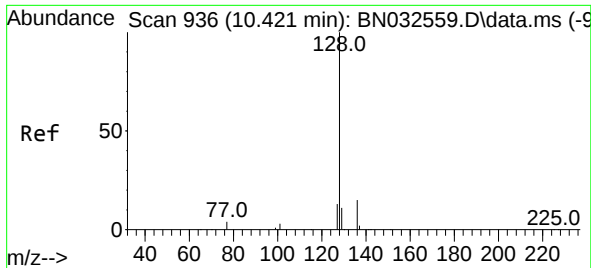
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024



#8
Nitrobenzene-d5
Concen: 0.284 ng m
RT: 8.787 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

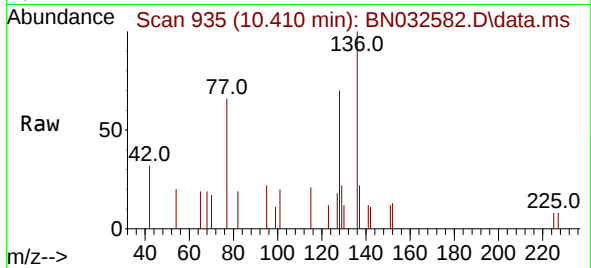
Tgt Ion: 82 Resp: 3299
Ion Ratio Lower Upper
82 100
128 47.5 43.4 65.2
54 49.0 40.2 60.2





#9
Naphthalene
Concen: 0.038 ng
RT: 10.410 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

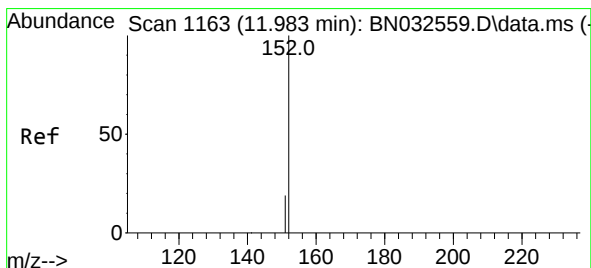
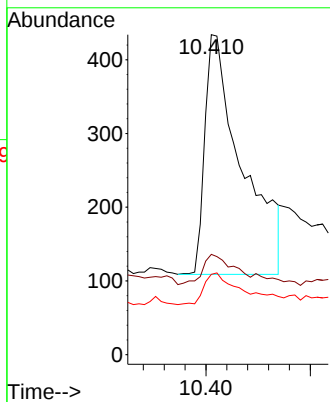
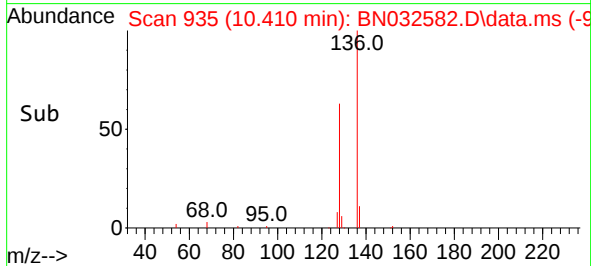
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-DUP-20240702



Tgt Ion:128 Resp: 1602
Ion Ratio Lower Upper
128 100
129 31.3 10.2 15.4
127 25.1 11.4 17.0

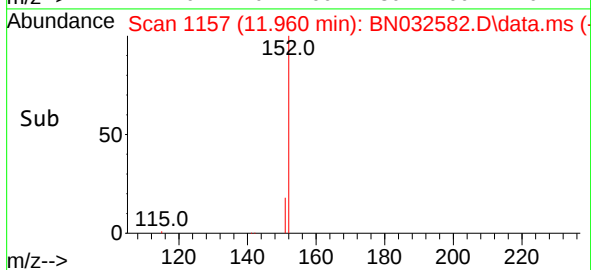
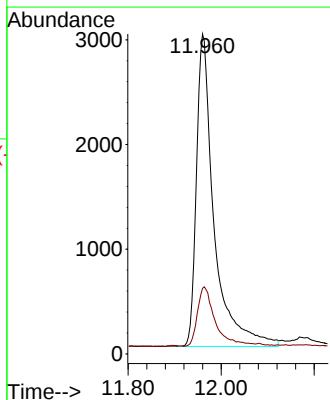
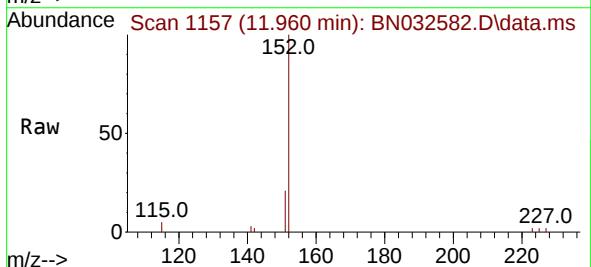
Manual Integrations
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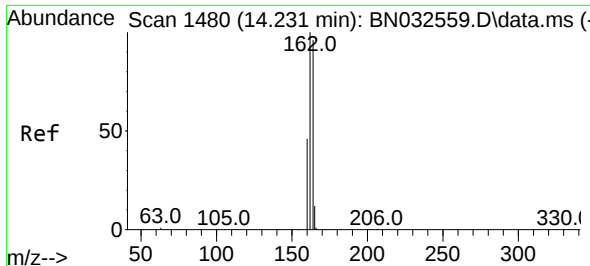
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024



#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 11.960 min Scan# 1157
Delta R.T. -0.023 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

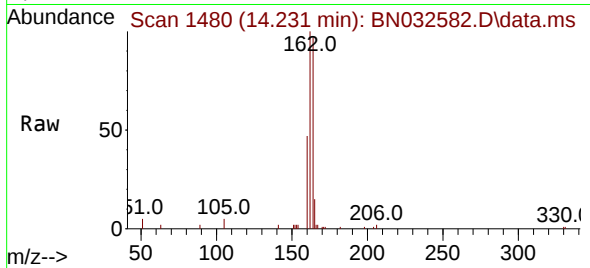
Tgt Ion:152 Resp: 7839
Ion Ratio Lower Upper
152 100
151 19.4 16.4 24.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.231 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

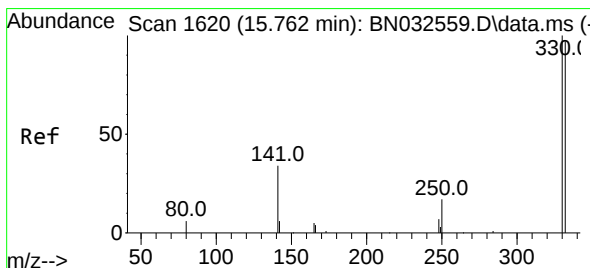
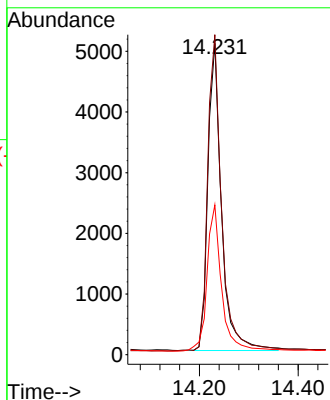
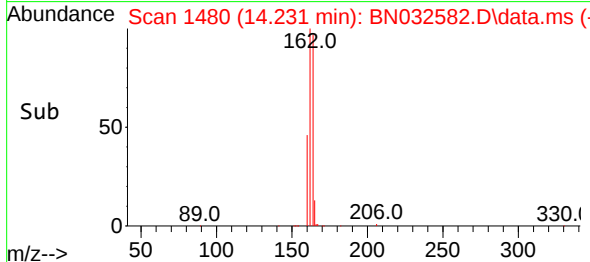
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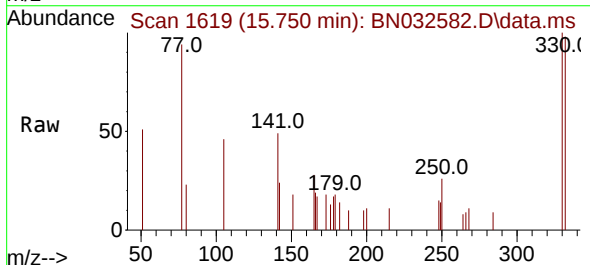
Tgt Ion:164 Resp: 970
Ion Ratio Lower Upper
164 100
162 102.8 83.2 124.8
160 48.1 38.6 57.8

Manual Integrations
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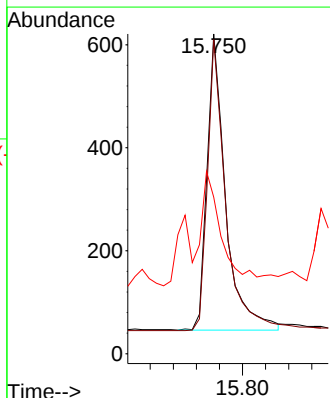
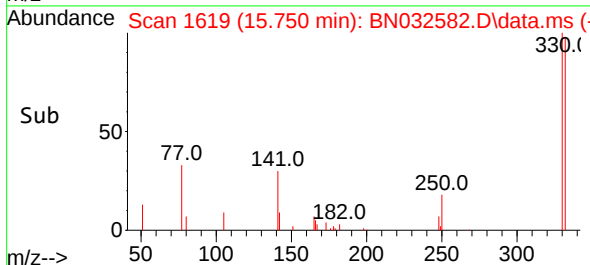
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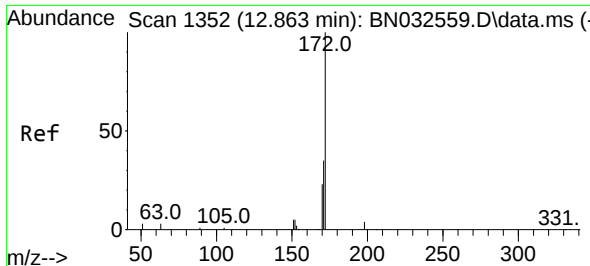


#14
2,4,6-Tribromophenol
Concen: 0.292 ng
RT: 15.750 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37



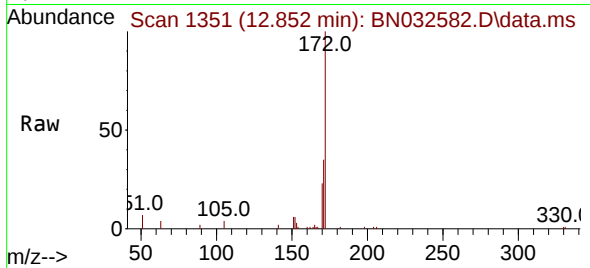
Tgt Ion:330 Resp: 1283
Ion Ratio Lower Upper
330 100
332 96.0 77.7 116.5
141 31.8 31.8 47.8#





#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 12.852 min Scan# 11940
Delta R.T. -0.011 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

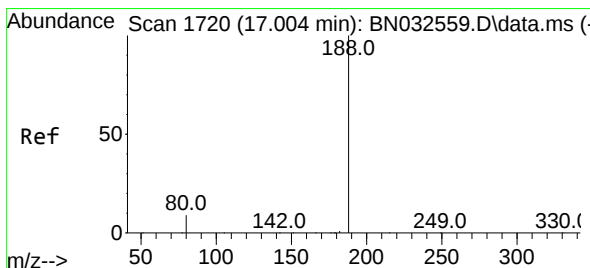
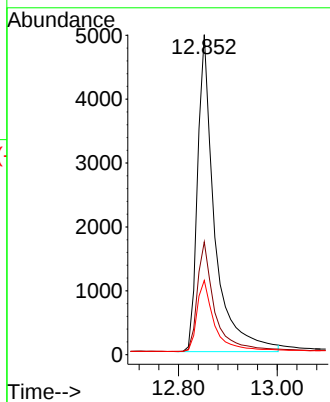
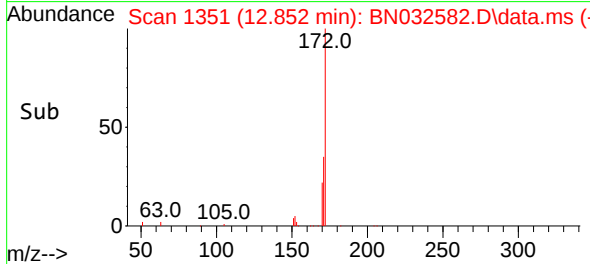
Instrument :
BNA_N
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BP-VPB-196-DUP-20240702



Tgt Ion:172 Resp: 11940
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.2 19.2 28.8

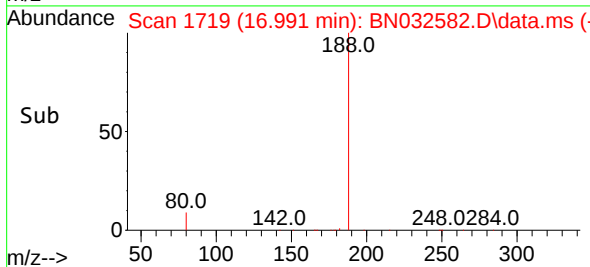
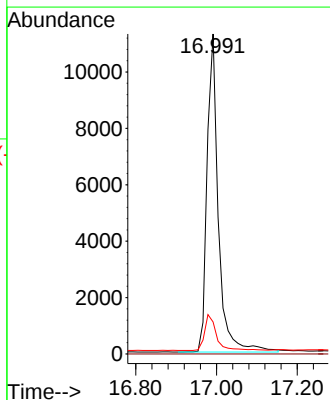
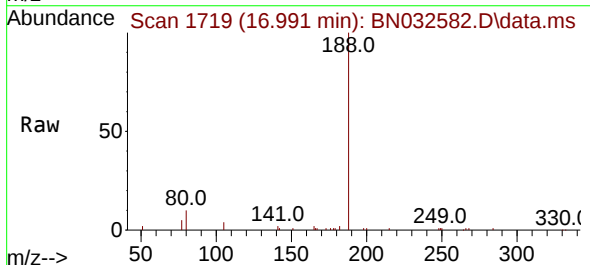
Manual Integrations
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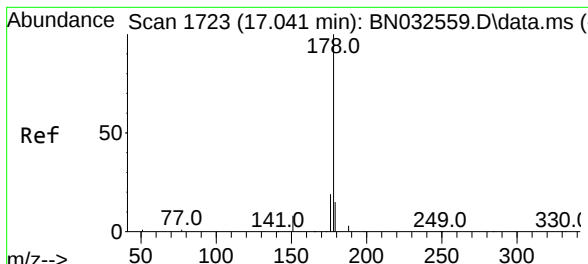
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.991 min Scan# 1719
Delta R.T. -0.012 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

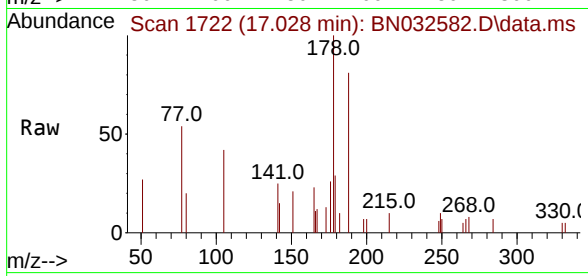
Tgt Ion:188 Resp: 21842
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 7.8 11.6





#25
 Phenanthrene
 Concen: 0.032 ng
 RT: 17.028 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN032582.D
 Acq: 09 Jul 2024 11:37

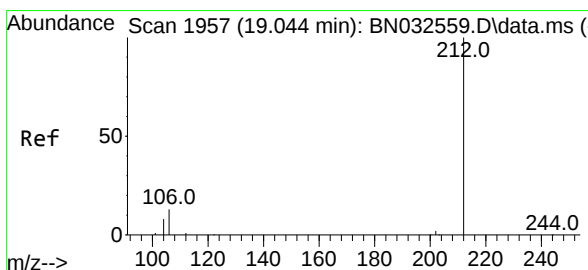
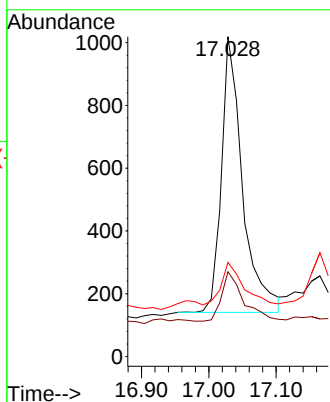
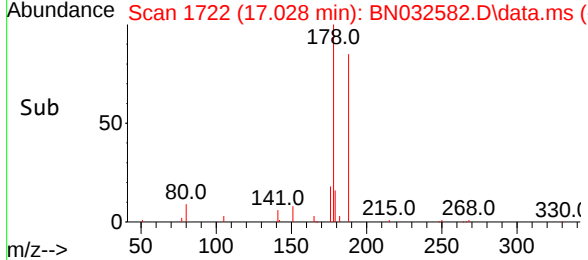
Instrument : BNA_N
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Tgt Ion:	178	Resp:	1904
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.2	22.8
179	16.2	12.2	18.4

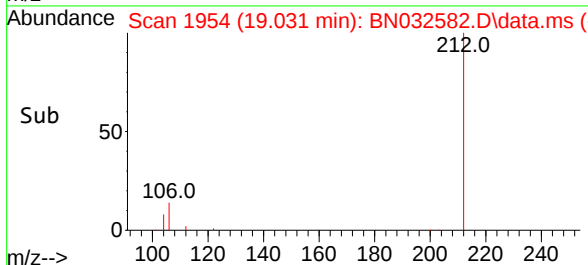
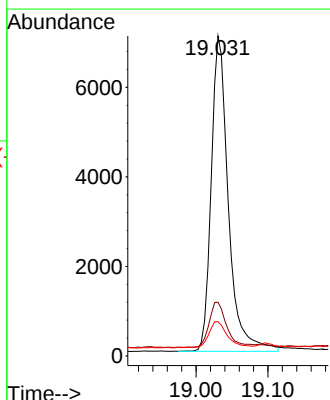
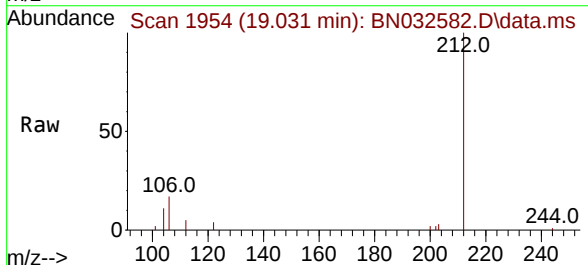
Manual Integrations
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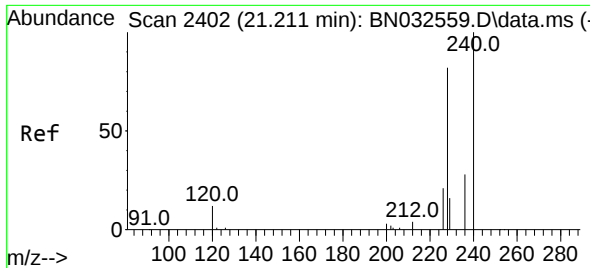
Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/11/2024



#27
 Fluoranthene-d10
 Concen: 0.204 ng
 RT: 19.031 min Scan# 1954
 Delta R.T. -0.014 min
 Lab File: BN032582.D
 Acq: 09 Jul 2024 11:37

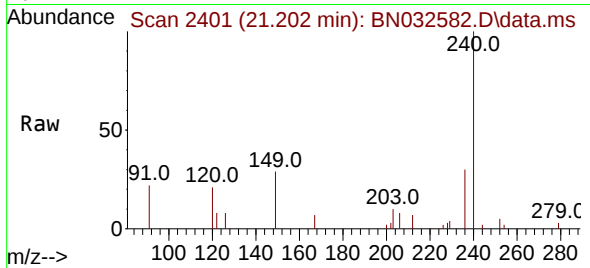
Tgt Ion:	212	Resp:	11624
Ion Ratio	Lower	Upper	
212	100		
106	15.5	11.8	17.8
104	9.1	6.9	10.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.202 min Scan# 2402
Delta R.T. -0.009 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

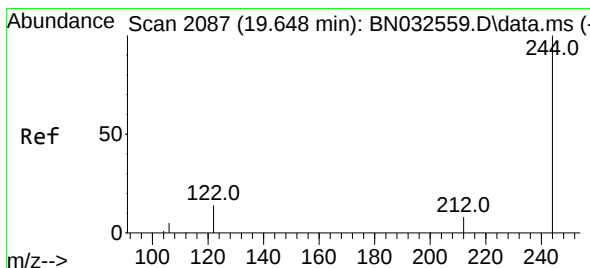
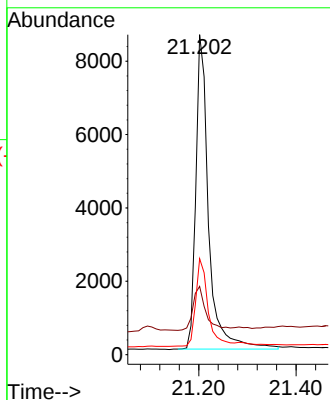
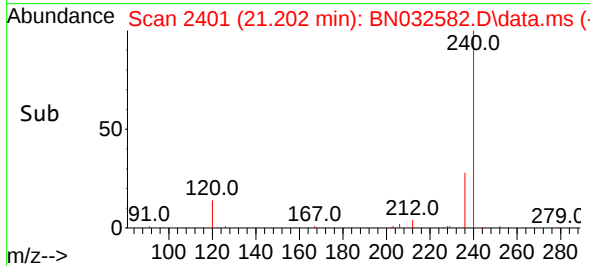
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-DUP-20240702



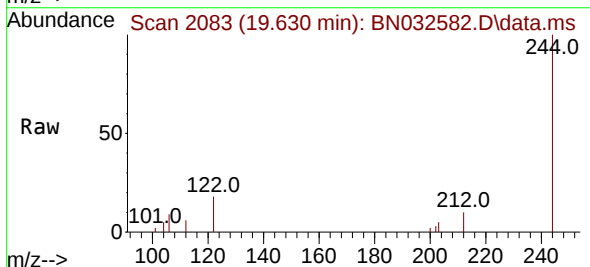
Tgt Ion:240 Resp: 15554
Ion Ratio Lower Upper
240 100
120 21.4 13.0 19.4
236 30.0 23.1 34.7

Manual Integrations
APPROVED

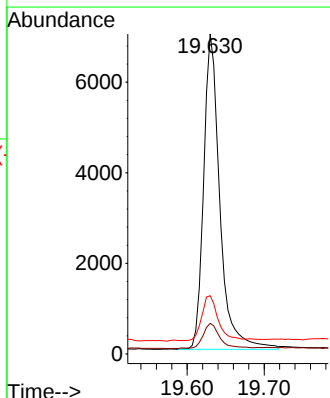
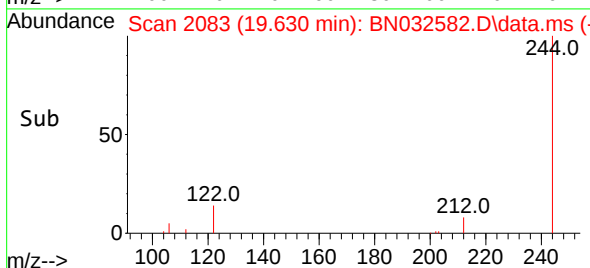
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024

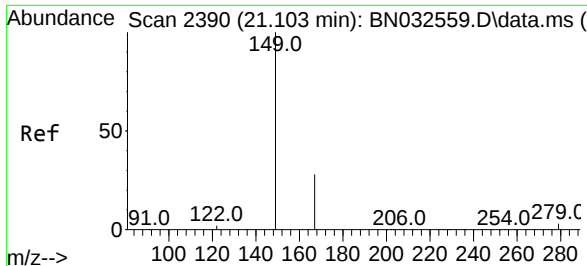


#31
Terphenyl-d14
Concen: 0.268 ng
RT: 19.630 min Scan# 2083
Delta R.T. -0.019 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37



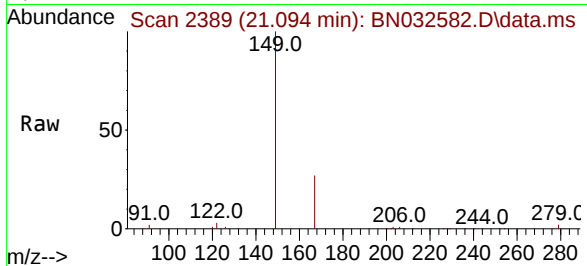
Tgt Ion:244 Resp: 10190
Ion Ratio Lower Upper
244 100
212 9.6 7.2 10.8
122 18.2 12.1 18.1





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 2.579 ng
 RT: 21.094 min Scan# 2109
 Delta R.T. -0.009 min
 Lab File: BN032582.D
 Acq: 09 Jul 2024 11:37

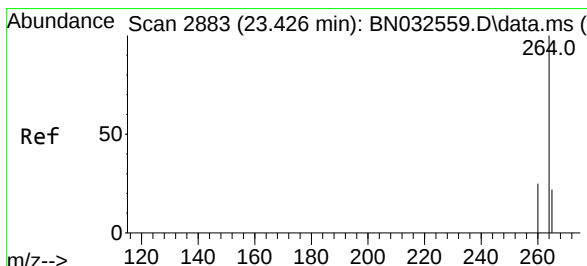
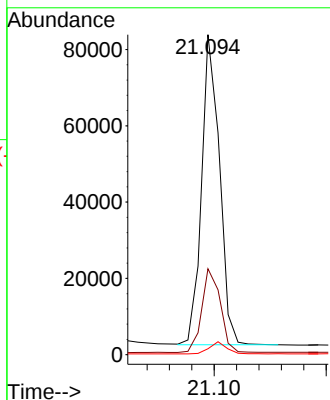
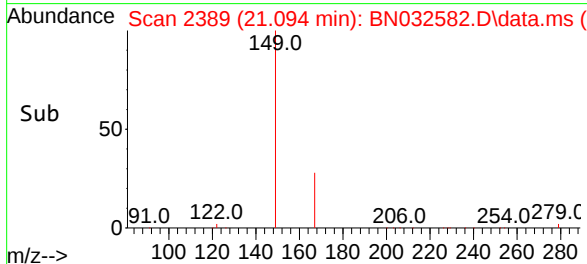
Instrument : BNA_N
 ClientSampleId : BP-VPB-196-DUP-20240702



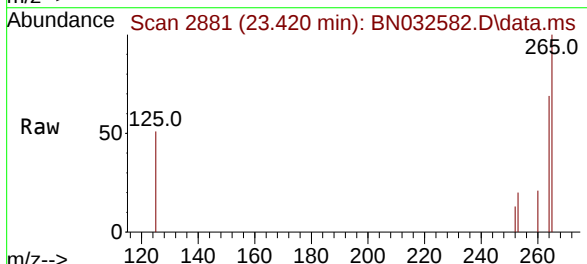
Tgt Ion:149 Resp: 9015
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.6 32.4
 279 3.7 3.0 4.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/11/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.420 min Scan# 2881
 Delta R.T. -0.006 min
 Lab File: BN032582.D
 Acq: 09 Jul 2024 11:37



Tgt Ion:264 Resp: 9064
 Ion Ratio Lower Upper
 264 100
 260 30.5 21.0 31.6
 265 144.3 76.6 115.0#

