

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
 Data File : BN035857.D
 Acq On : 26 Dec 2024 17:18
 Operator : RC/JU
 Sample : P5282-01DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20241212DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024

Quant Time: Dec 27 00:42:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.257	152	2631	0.400	ng	-0.01
7) Naphthalene-d8	10.009	136	5958	0.400	ng	-0.01
13) Acenaphthene-d10	13.925	164	3986	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	8604	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7270	0.400	ng	# 0.00
35) Perylene-d12	23.029	264	7223	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	467	0.071	ng	-0.01
5) Phenol-d6	6.484	99	239	0.030	ng	0.00
8) Nitrobenzene-d5	8.408	82	996m	0.274	ng	0.00
11) 2-Methylnaphthalene-d10	11.626	152	1980	0.212	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	352	0.124	ng	0.00
15) 2-Fluorobiphenyl	12.539	172	3156	0.209	ng	0.00
27) Fluoranthene-d10	18.747	212	6468	0.265	ng	-0.01
31) Terphenyl-d14	19.375	244	4696	0.327	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.967	88	8292	3.297	ng	99
34) Bis(2-ethylhexyl)phtha...	20.893	149	476	0.047	ng	# 94

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

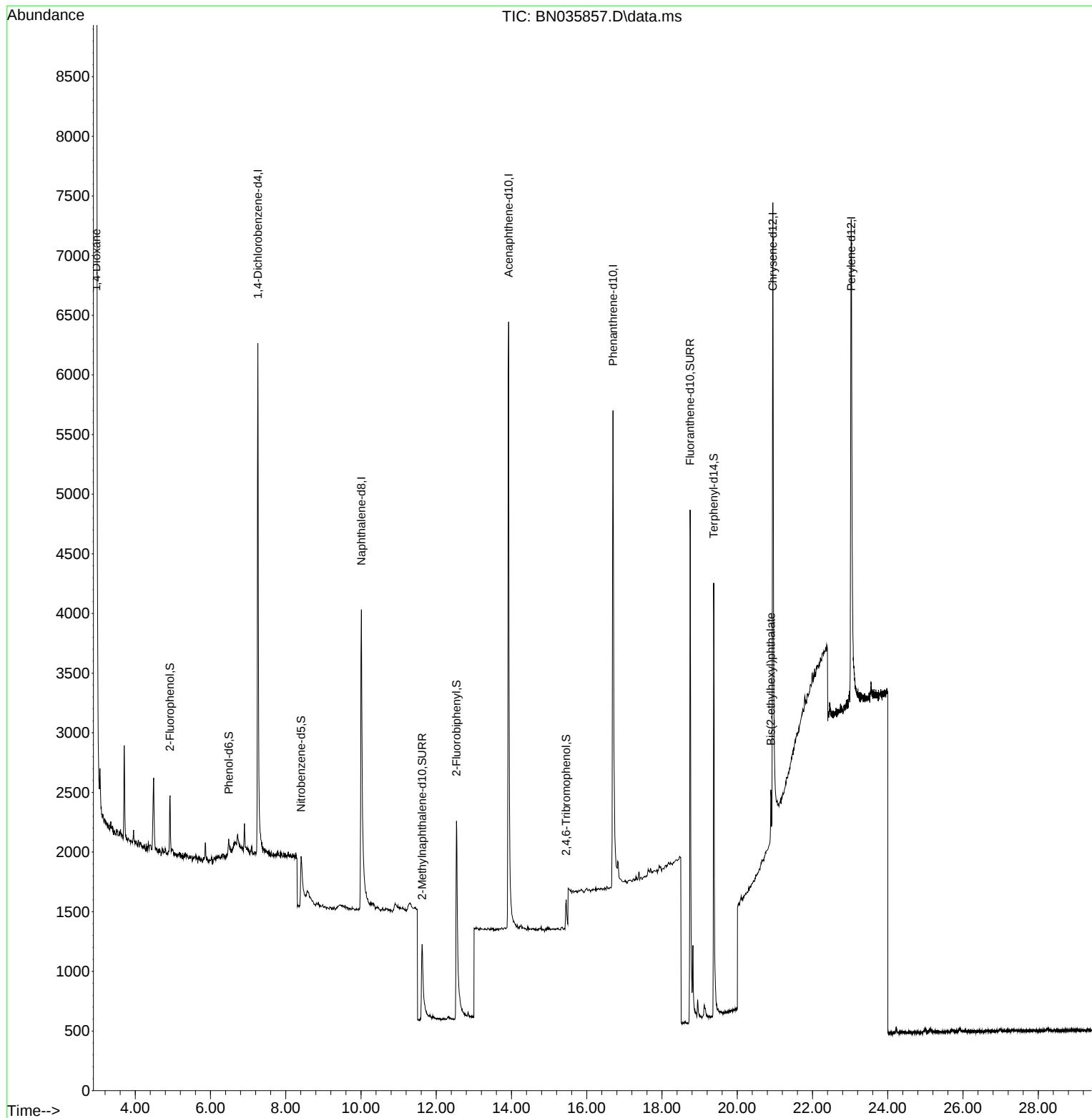
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
Data File : BN035857.D
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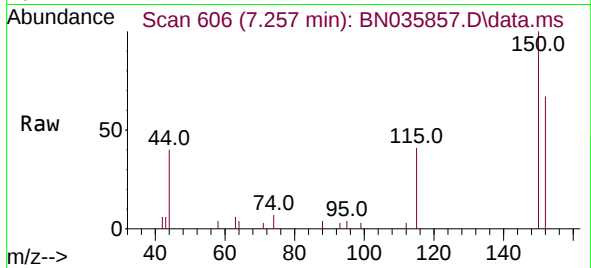
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.257 min Scan# 606
Delta R.T. -0.015 min
Lab File: BN035857.D
Acq: 26 Dec 2024 17:18

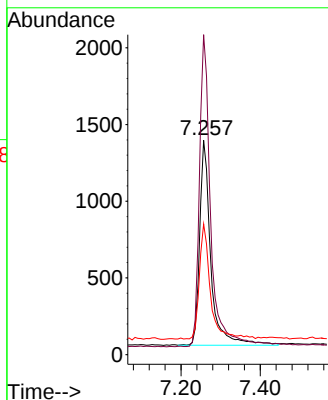
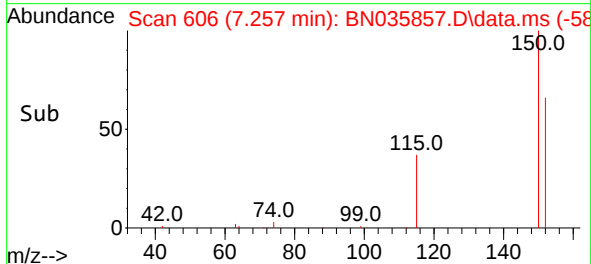
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241212DL



Tgt Ion: 152 Resp: 263
Ion Ratio Lower Upper
152 100
150 149.3 124.0 186.0
115 61.0 49.6 74.4

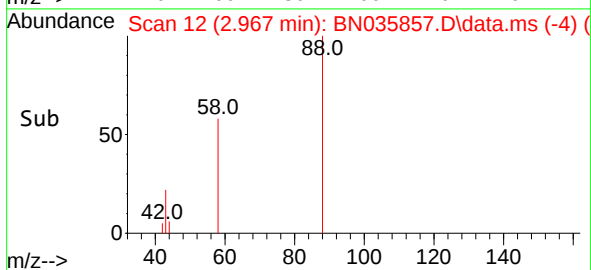
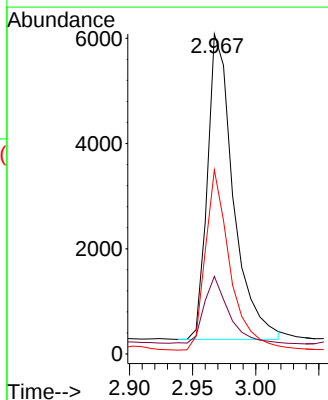
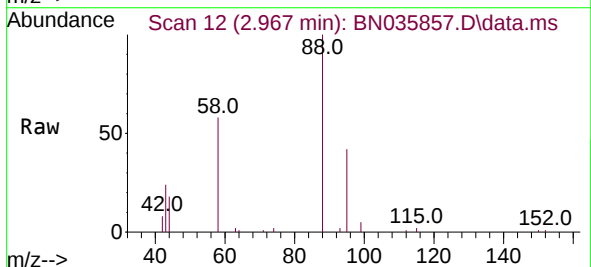
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Supervised By :mohammad ahmed 12/27/2024



#2
1,4-Dioxane
Concen: 3.297 ng
RT: 2.967 min Scan# 12
Delta R.T. -0.015 min
Lab File: BN035857.D
Acq: 26 Dec 2024 17:18

Tgt Ion: 88 Resp: 8292
Ion Ratio Lower Upper
88 100
43 20.4 17.2 25.8
58 56.0 44.5 66.7





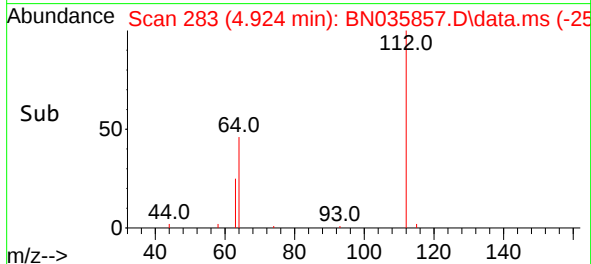
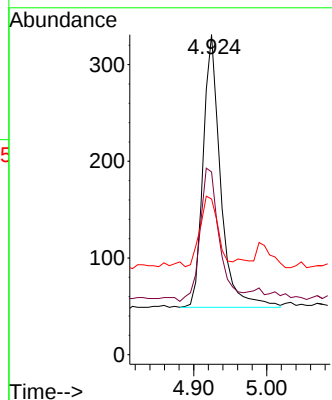
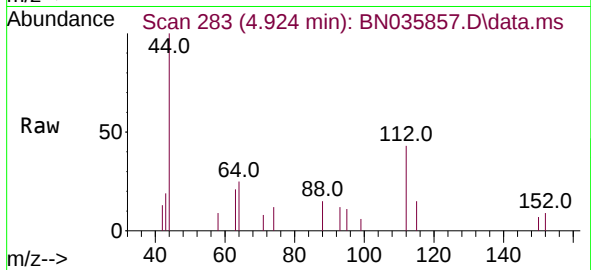
#4
2-Fluorophenol
Concen: 0.071 ng
RT: 4.924 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN035857.D
Acq: 26 Dec 2024 17:18

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241212DL

Tgt Ion:112 Resp: 46
Ion Ratio Lower Upper
112 100
64 54.2 39.8 59.8
63 28.9 21.0 31.6

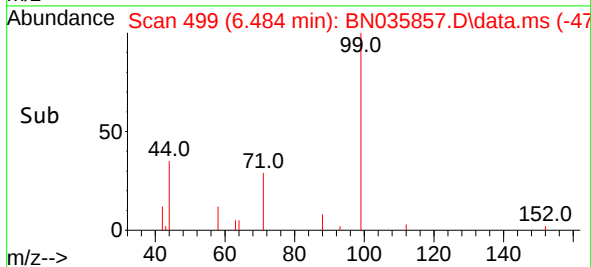
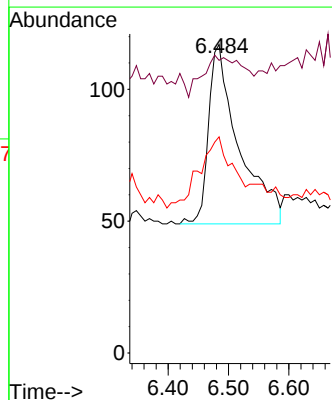
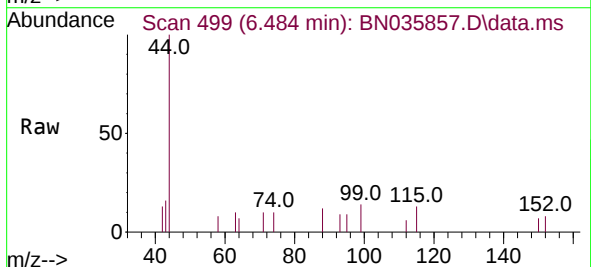
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#5
Phenol-d6
Concen: 0.030 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035857.D
Acq: 26 Dec 2024 17:18

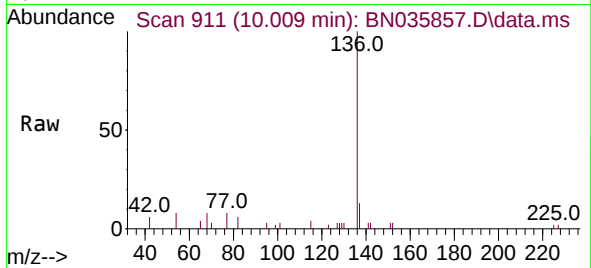
Tgt Ion: 99 Resp: 239
Ion Ratio Lower Upper
99 100
42 31.0 11.4 17.2#
71 44.4 29.3 43.9#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035857.D
Acq: 26 Dec 2024 17:18

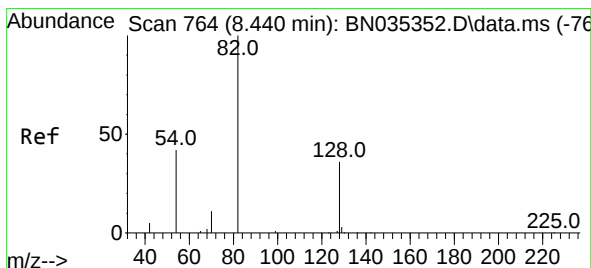
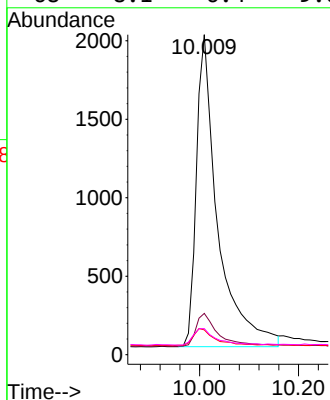
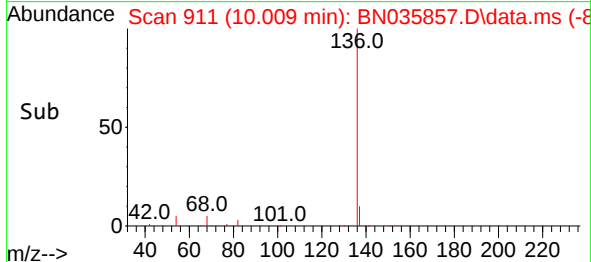
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241212DL



Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.9	10.2	15.2
54	7.7	6.1	9.1
68	8.1	6.4	9.6

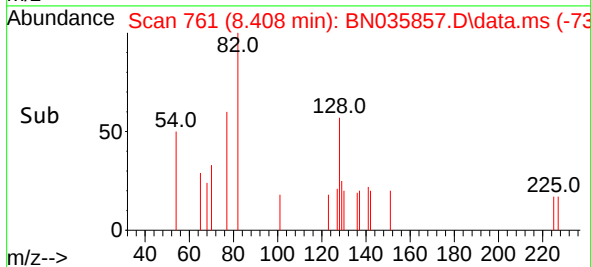
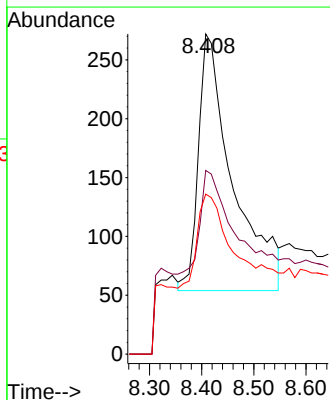
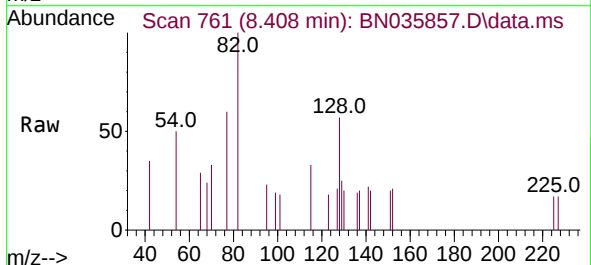
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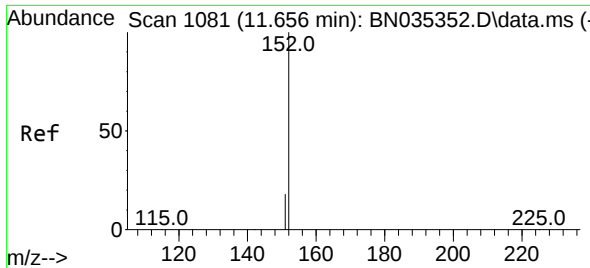
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#8
Nitrobenzene-d5
Concen: 0.274 ng m
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035857.D
Acq: 26 Dec 2024 17:18

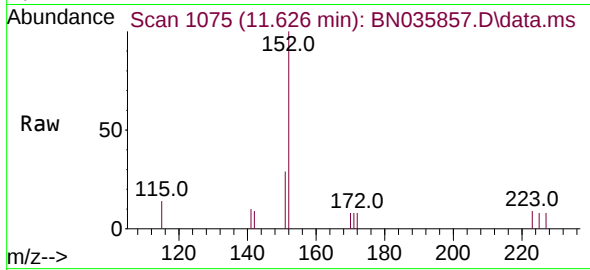
Tgt Ion	Ratio	Lower	Upper
82	100		
128	57.4	33.4	50.0#
54	50.0	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.212 ng
RT: 11.626 min Scan# 1081
Delta R.T. 0.005 min
Lab File: BN035857.D
Acq: 26 Dec 2024 17:18

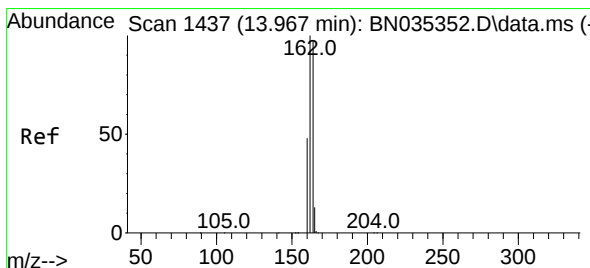
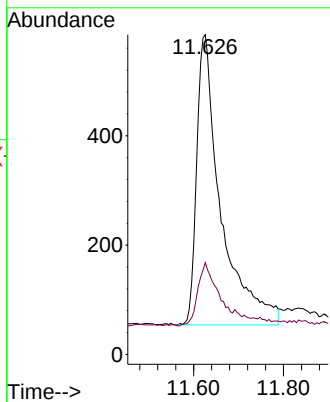
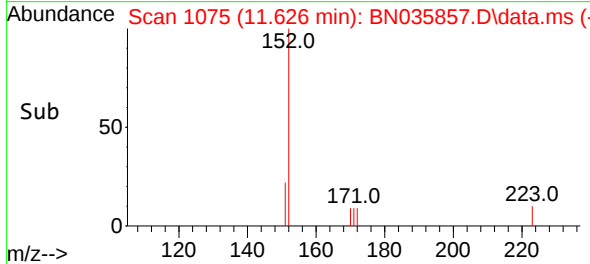
Instrument :
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ClientSampleId :
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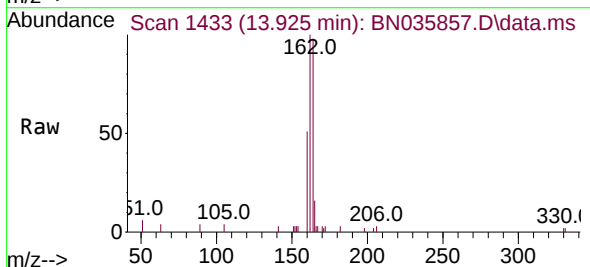
Tgt Ion:152 Resp: 1980
Ion Ratio Lower Upper
152 100
151 18.2 16.6 25.0

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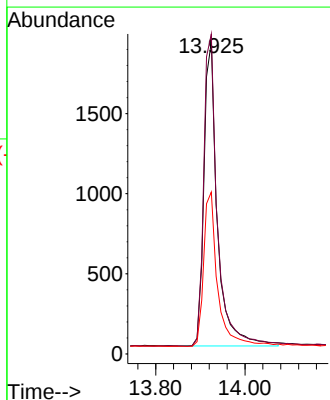
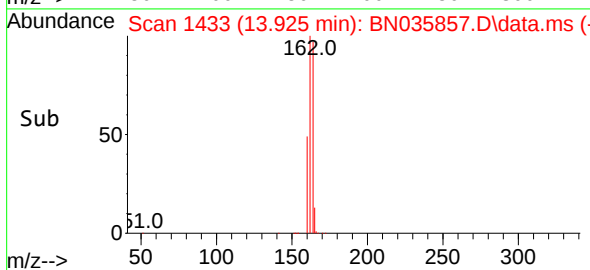
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035857.D
Acq: 26 Dec 2024 17:18



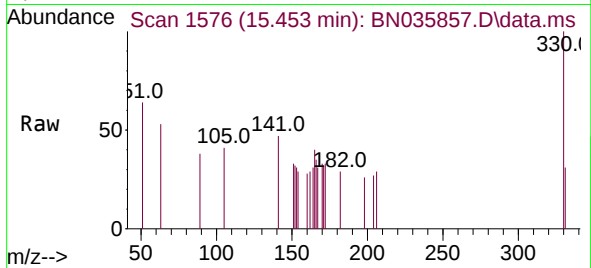
Tgt Ion:164 Resp: 3986
Ion Ratio Lower Upper
164 100
162 102.5 82.2 123.2
160 51.8 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.124 ng
RT: 15.453 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035857.D
Acq: 26 Dec 2024 17:18

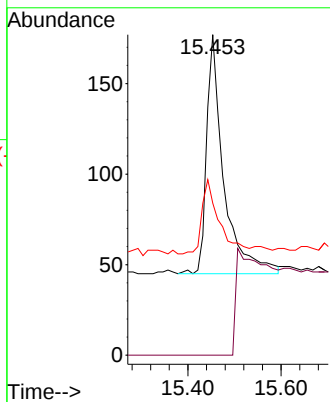
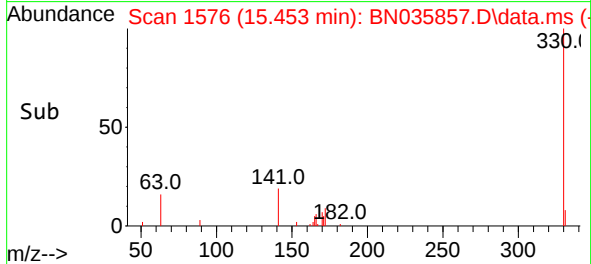
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241212DL



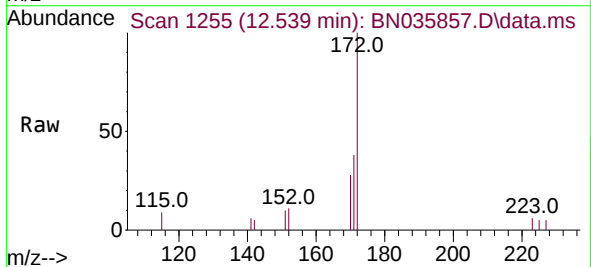
Tgt Ion:330 Resp: 352
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.4 26.6 40.0

Manual Integrations
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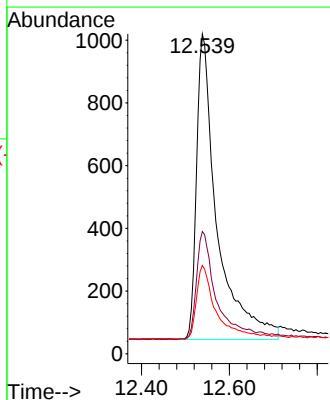
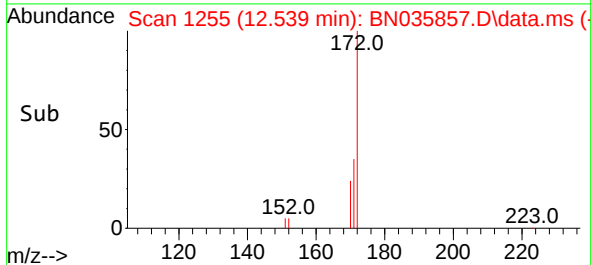
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

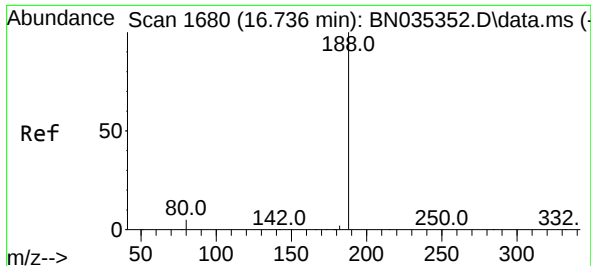


#15
2-Fluorobiphenyl
Concen: 0.209 ng
RT: 12.539 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035857.D
Acq: 26 Dec 2024 17:18



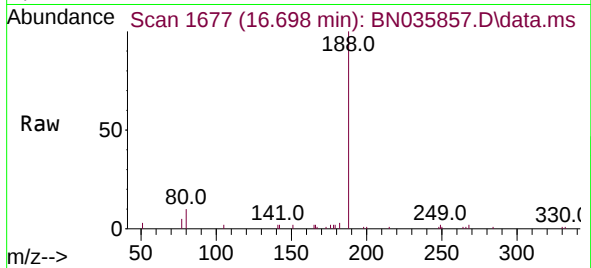
Tgt Ion:172 Resp: 3156
Ion Ratio Lower Upper
172 100
171 38.2 29.0 43.4
170 27.6 19.8 29.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035857.D
Acq: 26 Dec 2024 17:18

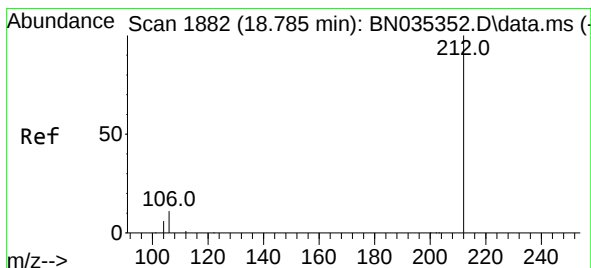
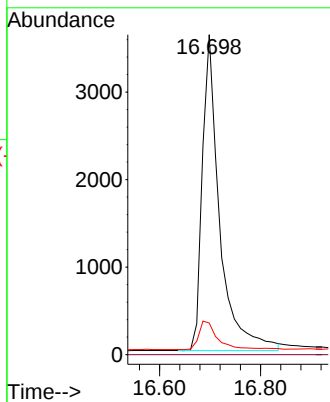
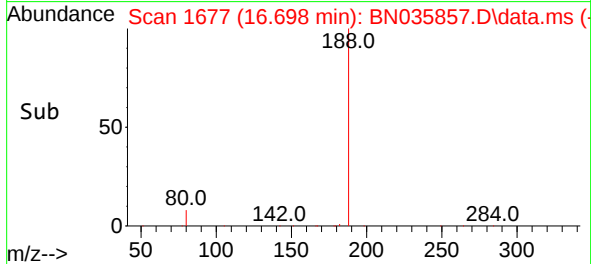
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:188 Resp: 8604
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 4.6 6.8

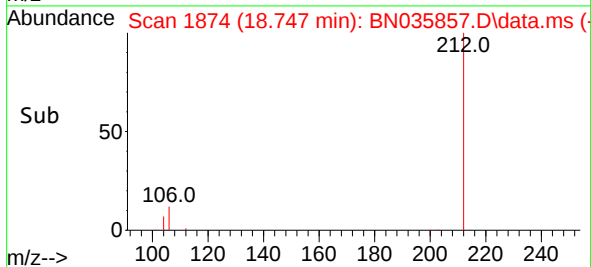
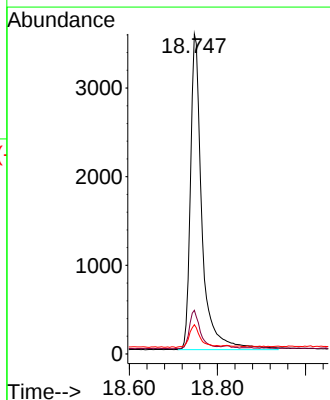
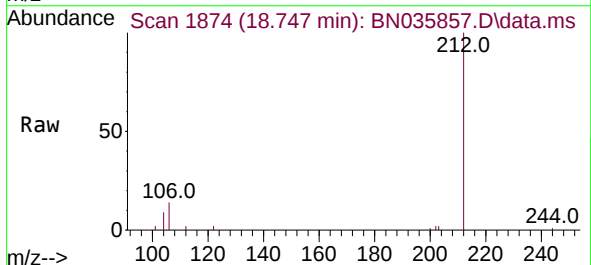
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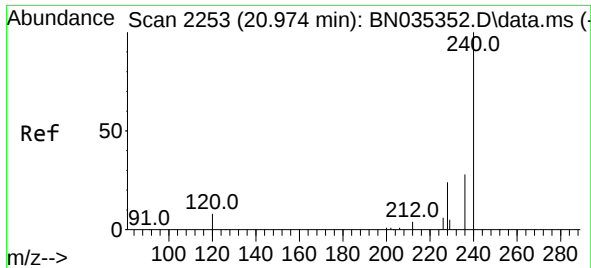
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#27
Fluoranthene-d10
Concen: 0.265 ng
RT: 18.747 min Scan# 1874
Delta R.T. -0.014 min
Lab File: BN035857.D
Acq: 26 Dec 2024 17:18

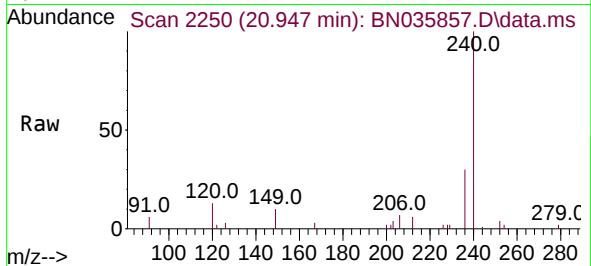
Tgt Ion:212 Resp: 6468
Ion Ratio Lower Upper
212 100
106 11.6 9.2 13.8
104 7.1 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035857.D
Acq: 26 Dec 2024 17:18

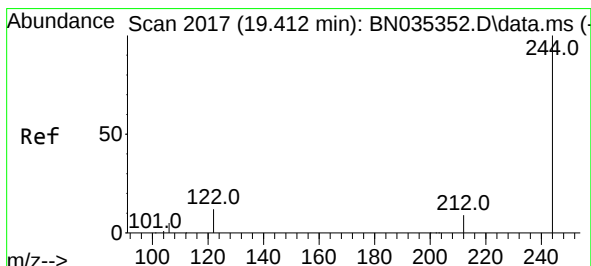
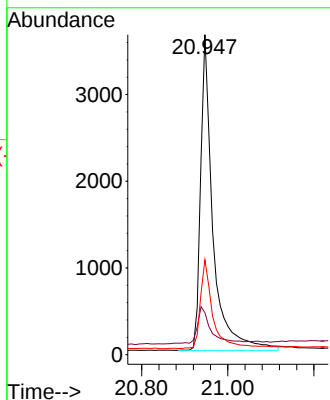
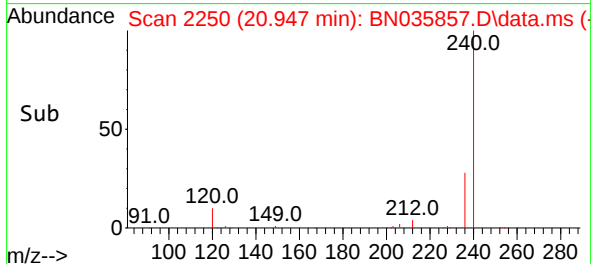
Instrument :
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RW7-SP100-20241212DL



Tgt Ion:240 Resp: 7270
Ion Ratio Lower Upper
240 100
120 13.1 7.9 11.9
236 29.7 22.9 34.3

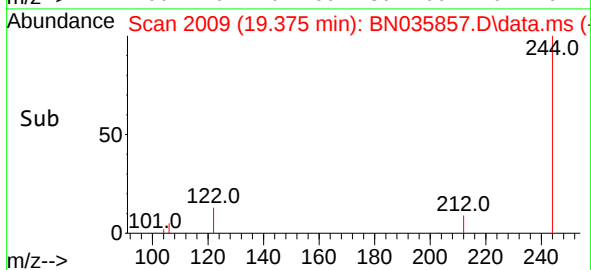
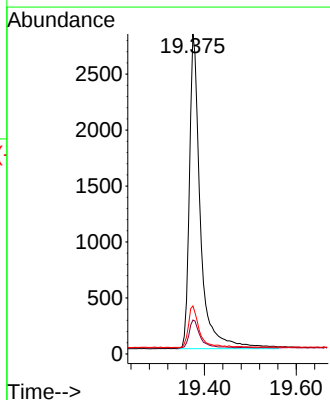
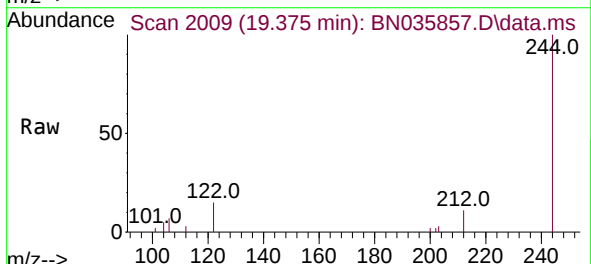
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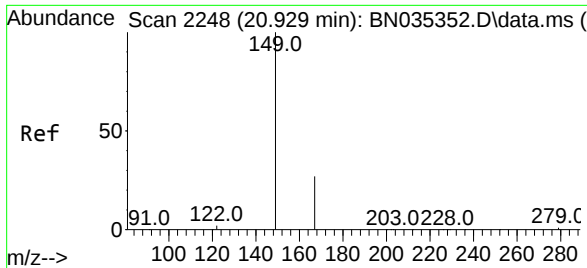
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#31
Terphenyl-d14
Concen: 0.327 ng
RT: 19.375 min Scan# 2009
Delta R.T. -0.014 min
Lab File: BN035857.D
Acq: 26 Dec 2024 17:18

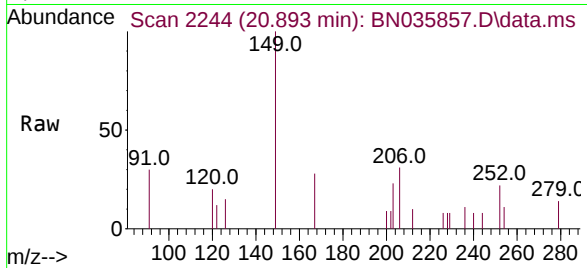
Tgt Ion:244 Resp: 4696
Ion Ratio Lower Upper
244 100
212 10.6 8.1 12.1
122 15.0 10.3 15.5





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.047 ng
 RT: 20.893 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN035857.D
 Acq: 26 Dec 2024 17:18

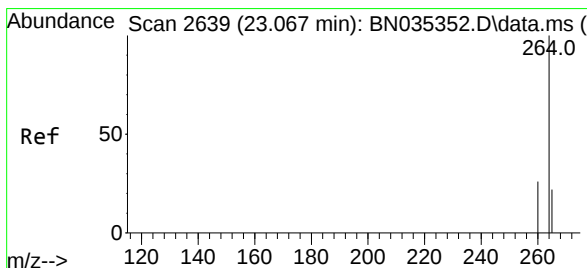
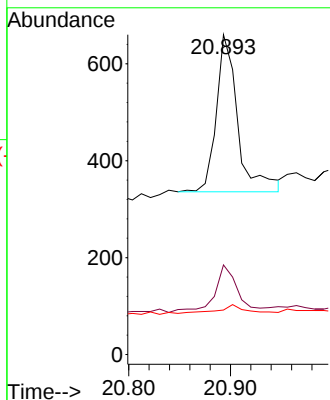
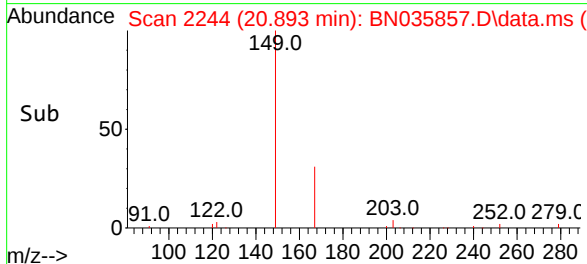
Instrument :
 BNA_N
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 RW7-SP100-20241212DL



Tgt Ion:149 Resp: 470
 Ion Ratio Lower Upper
 149 100
 167 25.0 22.2 33.4
 279 6.3 2.7 4.1

Manual Integrations
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Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.029 min Scan# 2626
 Delta R.T. -0.012 min
 Lab File: BN035857.D
 Acq: 26 Dec 2024 17:18

Tgt Ion:264 Resp: 7223
 Ion Ratio Lower Upper
 264 100
 260 28.4 21.4 32.2
 265 92.4 40.2 60.4

