

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035722.D
 Acq On : 20 Dec 2024 01:58
 Operator : RC/JU
 Sample : P5261-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20241210

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 02:56:33 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	7.272	152	3093	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8301	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	5668	0.400	ng	0.00
19) Phenanthrene-d10	16.698	188	10939	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	9533	0.400	ng	0.00
35) Perylene-d12	23.041	264	10502	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	831	0.107	ng	0.00
5) Phenol-d6	6.492	99	451	0.048	ng	0.00
8) Nitrobenzene-d5	8.418	82	1827m	0.360	ng	0.01
11) 2-Methylnaphthalene-d10	11.621	152	4235	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	752	0.187	ng	0.00
15) 2-Fluorobiphenyl	12.539	172	6159	0.287	ng	0.00
27) Fluoranthene-d10	18.761	212	11492	0.371	ng	0.00
31) Terphenyl-d14	19.389	244	10221	0.544	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.982	88	16883	5.710	ng	99
34) Bis(2-ethylhexyl)phtha...	20.911	149	1118	0.085	ng	# 99

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

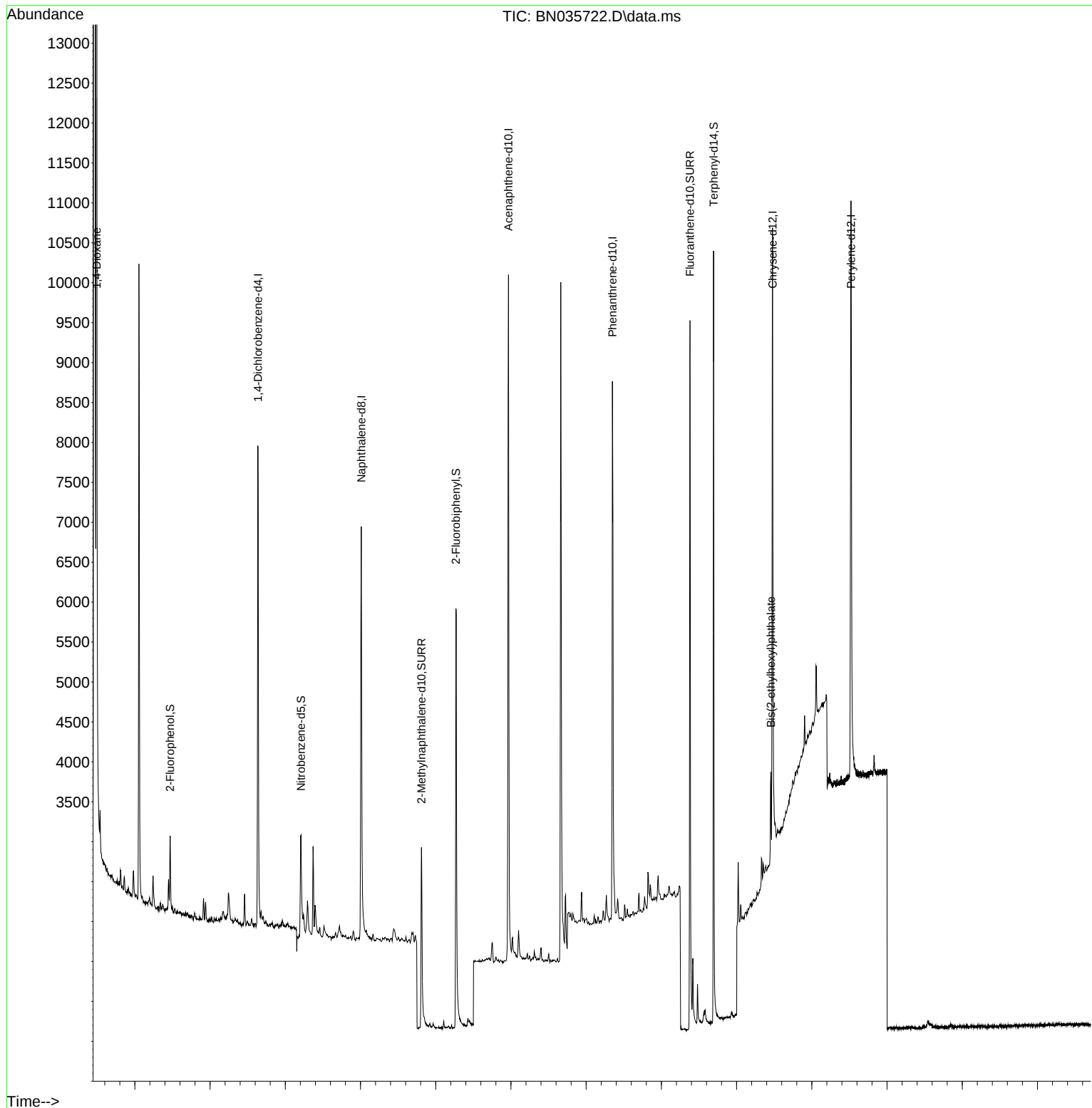
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
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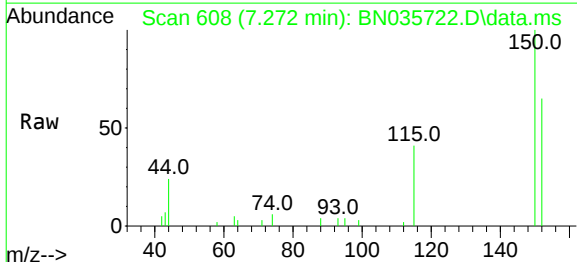
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

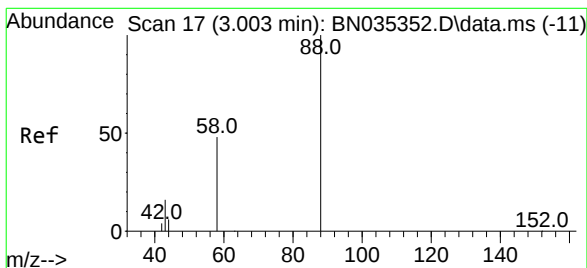
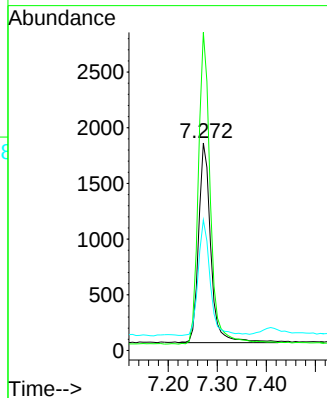
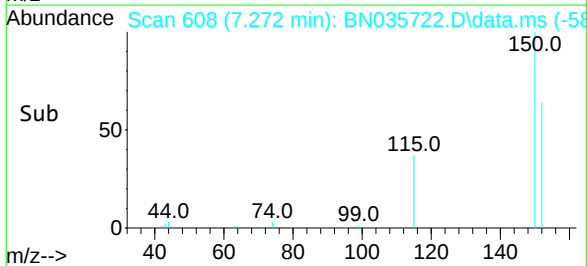
Instrument :
BNA_N
ClientSampleId :
RE134D3-20241210



Tgt Ion: 152 Resp: 3093
Ion Ratio Lower Upper
152 100
150 153.3 124.0 186.0
115 62.9 49.6 74.4

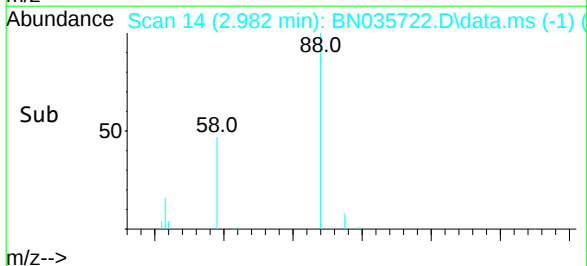
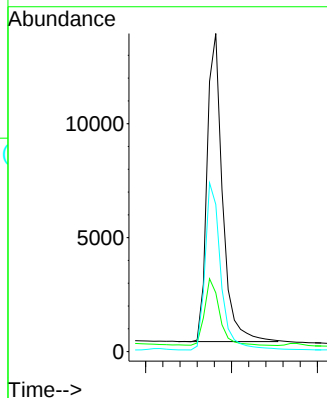
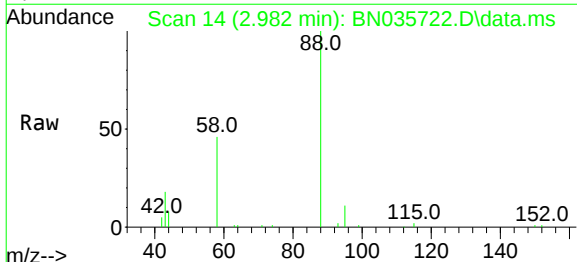
Manual Integrations
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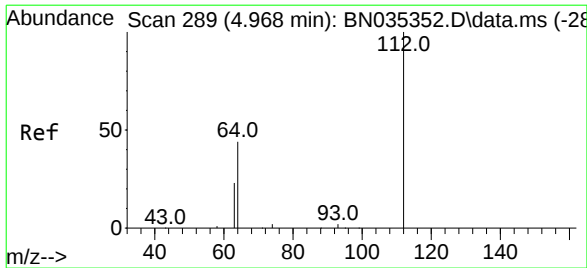
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#2
1,4-Dioxane
Concen: 5.710 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

Tgt Ion: 88 Resp: 16883
Ion Ratio Lower Upper
88 100
43 21.1 17.2 25.8
58 54.9 44.5 66.7





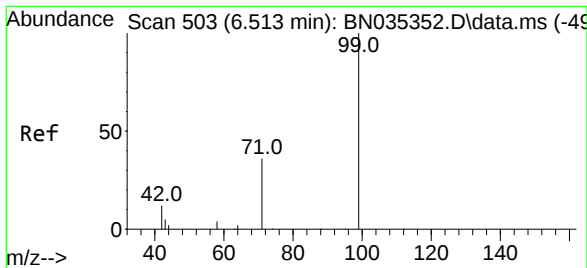
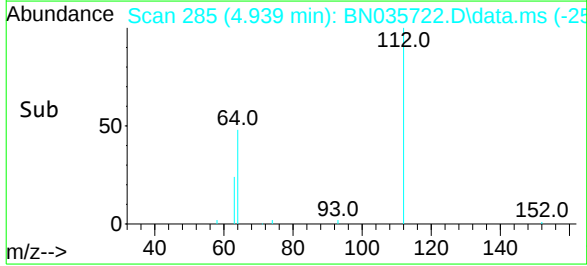
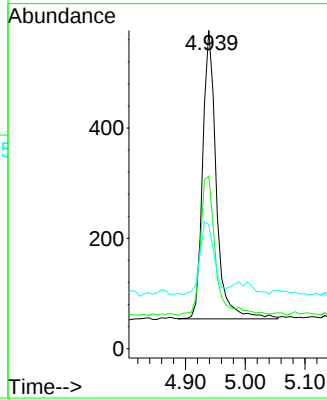
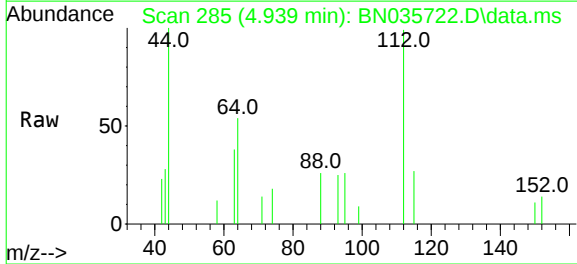
#4
2-Fluorophenol
Concen: 0.107 ng
RT: 4.939 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

Instrument :
BNA_N
ClientSampleId :
RE134D3-20241210

Tgt Ion:	112	Resp:	831
Ion	Ratio	Lower	Upper
112	100		
64	52.9	39.8	59.8
63	27.3	21.0	31.6

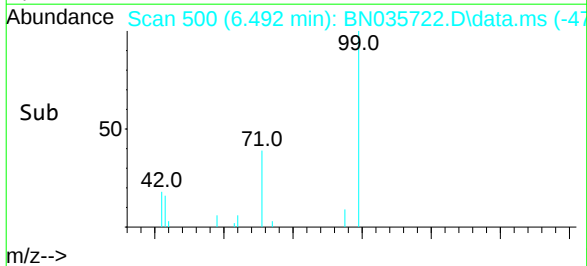
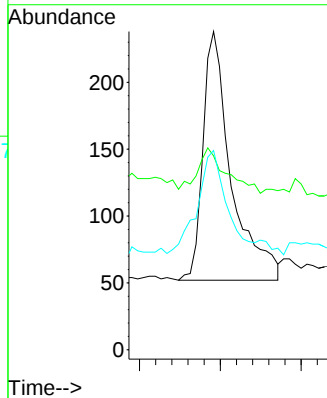
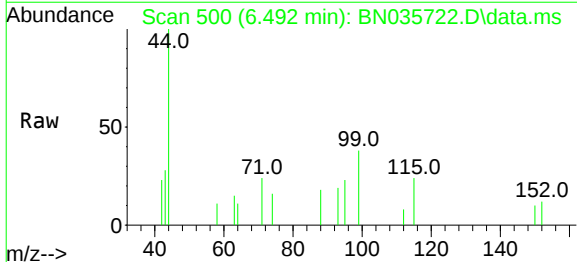
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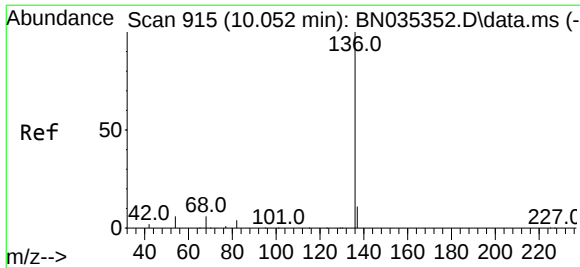
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.048 ng
RT: 6.492 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

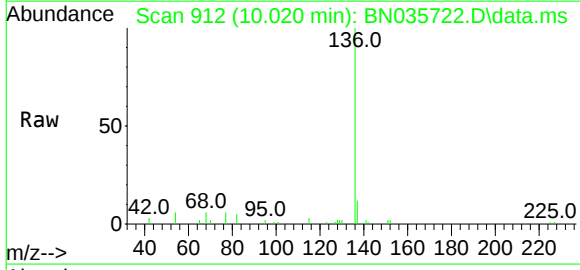
Tgt Ion:	99	Resp:	451
Ion	Ratio	Lower	Upper
99	100		
42	16.0	11.4	17.2
71	47.7	29.3	43.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

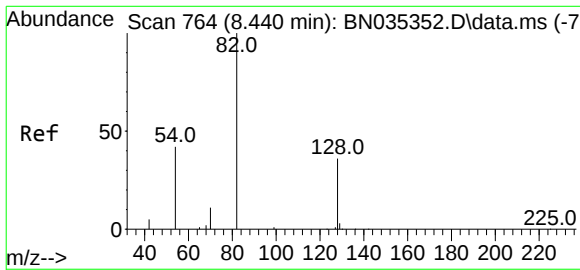
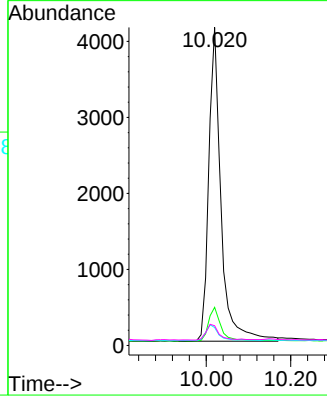
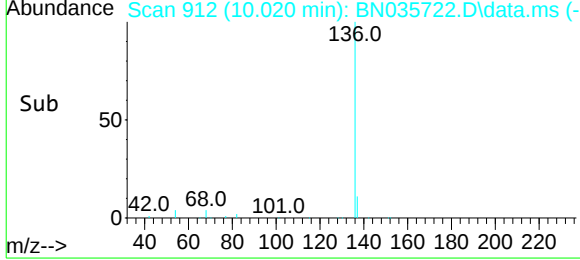
Instrument :
BNA_N
ClientSampleId :
RE134D3-20241210



Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.2	15.2
54	5.6	6.1	9.1#
68	6.2	6.4	9.6#

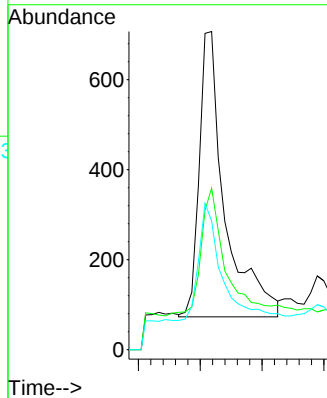
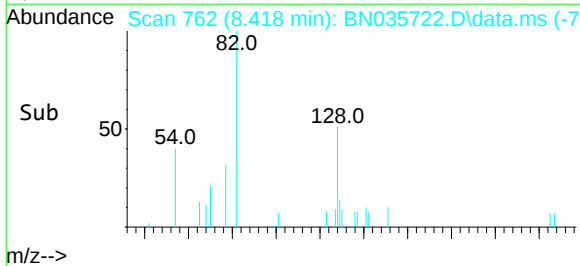
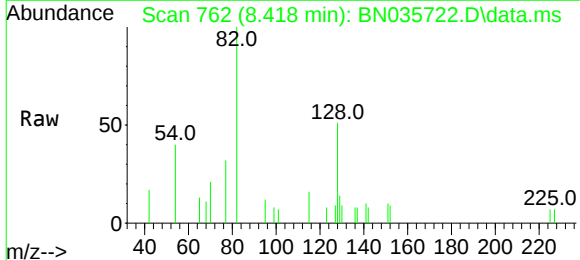
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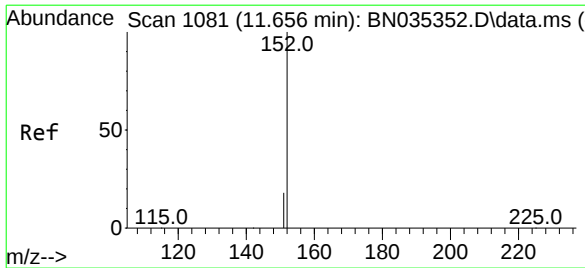
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#8
Nitrobenzene-d5
Concen: 0.360 ng m
RT: 8.418 min Scan# 762
Delta R.T. 0.011 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

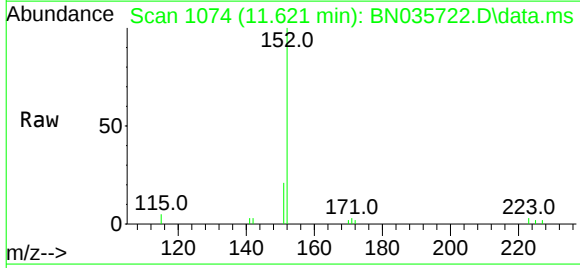
Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.8	33.4	50.0#
54	40.5	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 11.621 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

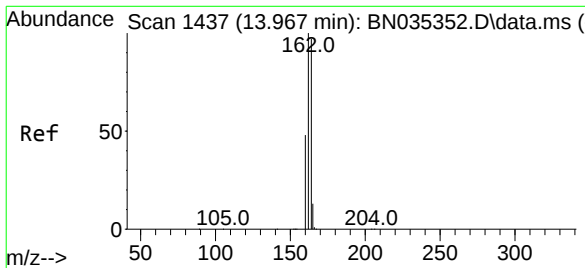
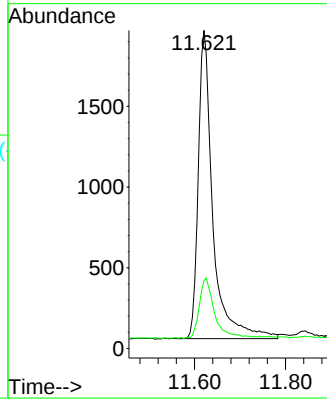
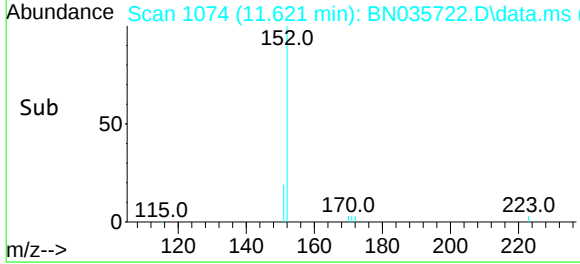
Instrument :
BNA_N
ClientSampleId :
RE134D3-20241210



Tgt Ion:152 Resp: 4235
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0

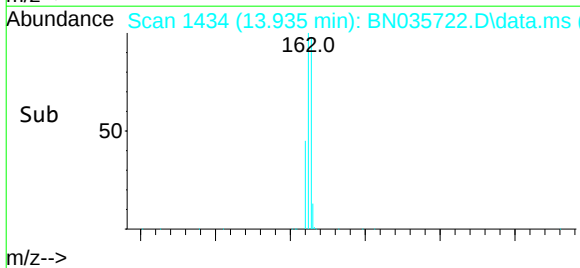
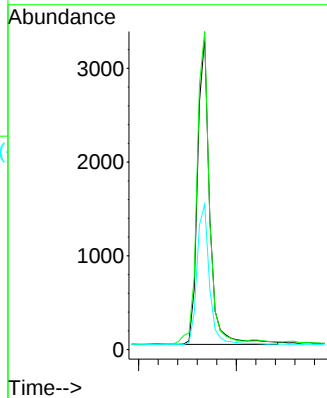
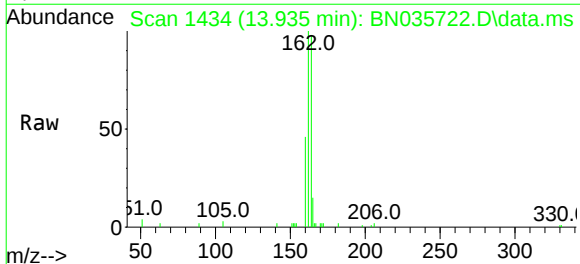
Manual Integrations
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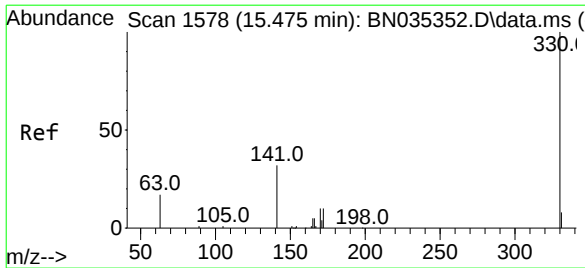
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

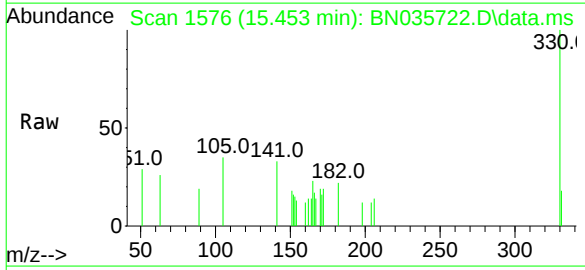
Tgt Ion:164 Resp: 5668
Ion Ratio Lower Upper
164 100
162 101.9 82.2 123.2
160 46.5 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.187 ng
RT: 15.453 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

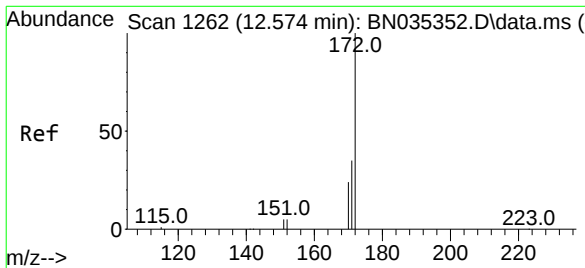
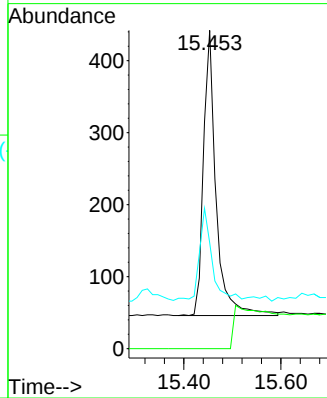
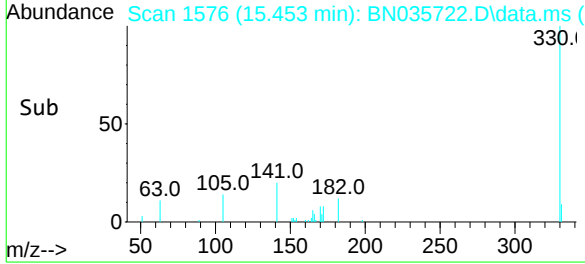
Instrument :
BNA_N
ClientSampleId :
RE134D3-20241210



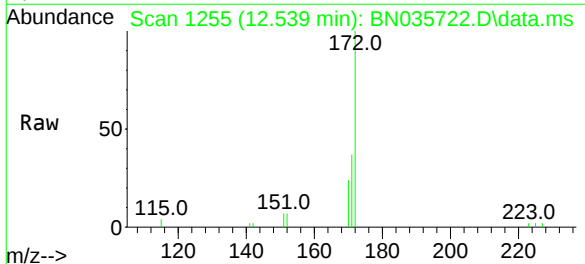
Tgt Ion: 330 Resp: 752
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.6 26.6 40.0

Manual Integrations
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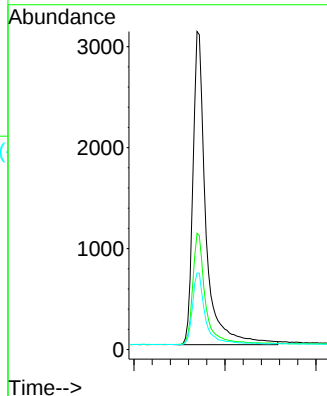
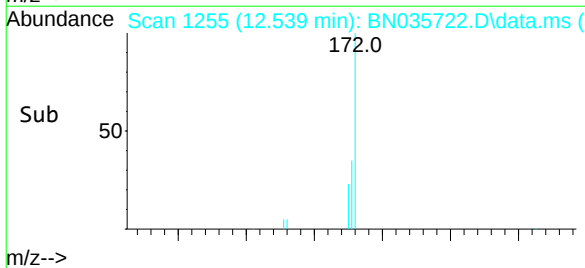
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

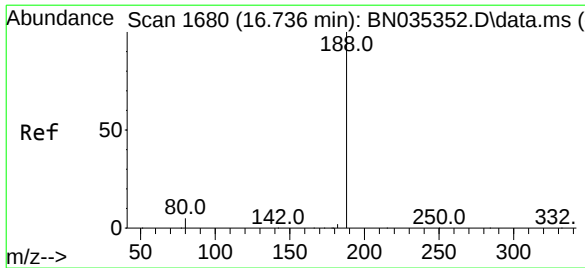


#15
2-Fluorobiphenyl
Concen: 0.287 ng
RT: 12.539 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58



Tgt Ion: 172 Resp: 6159
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 24.0 19.8 29.8





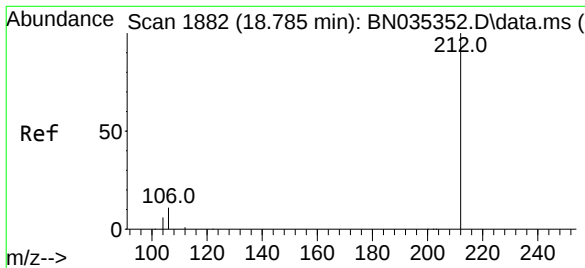
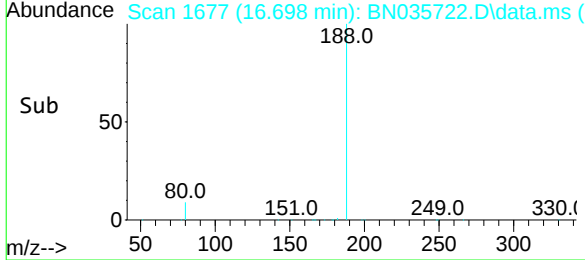
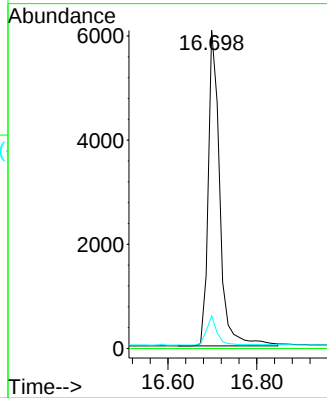
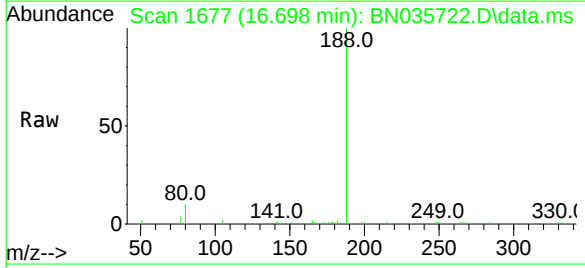
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

Instrument :
BNA_N
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RE134D3-20241210

Tgt Ion:	188	Resp:	10939
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.3	4.6	6.8

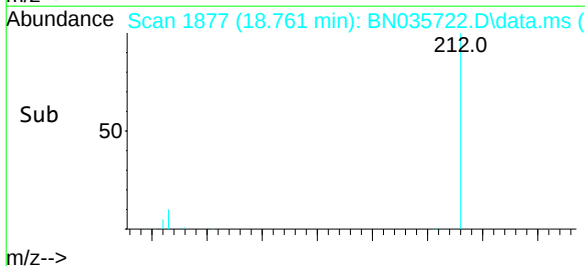
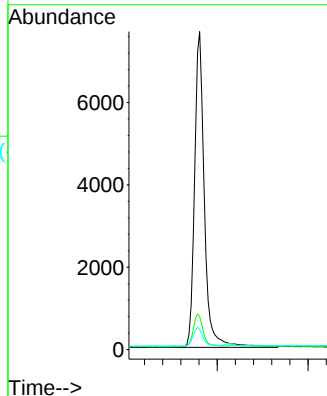
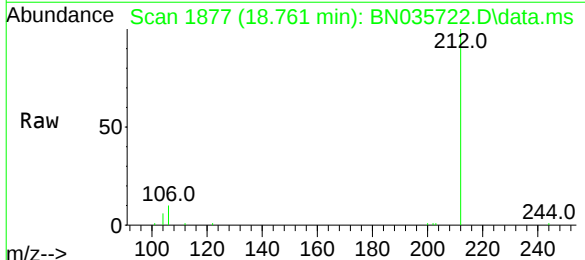
Manual Integrations
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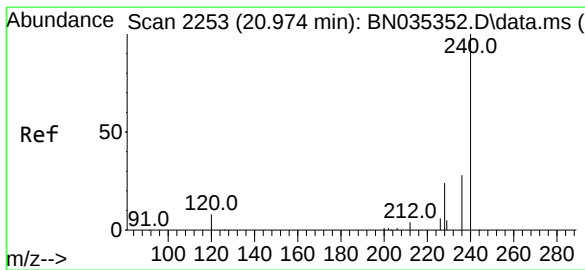
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 18.761 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

Tgt Ion:	212	Resp:	11492
Ion Ratio	Lower	Upper	
212	100		
106	10.4	9.2	13.8
104	5.9	5.3	7.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 20.956 min Scan# 22

Delta R.T. -0.000 min

Lab File: BN035722.D

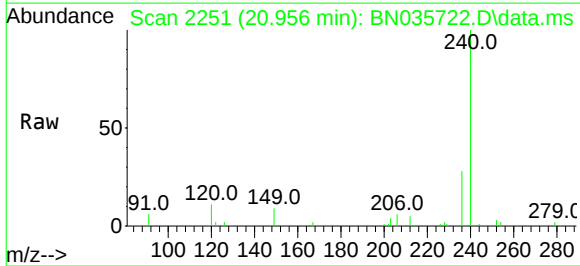
Acq: 20 Dec 2024 01:58

Instrument :

BNA_N

ClientSampleId :

RE134D3-20241210



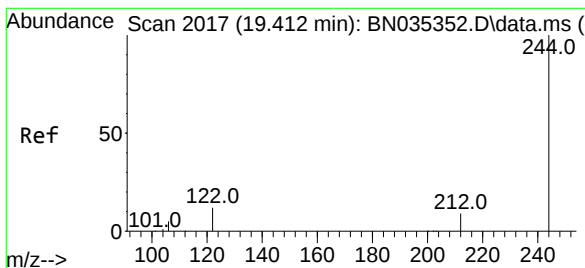
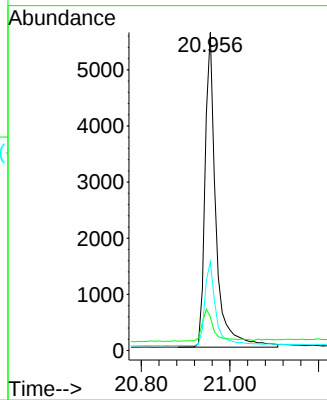
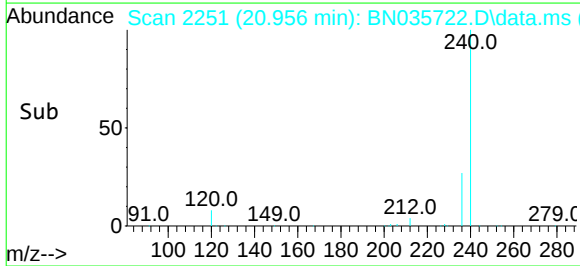
Tgt	Ion:240	Resp:	9533
Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.9	11.9
236	27.9	22.9	34.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/24/2024



#31

Terphenyl-d14

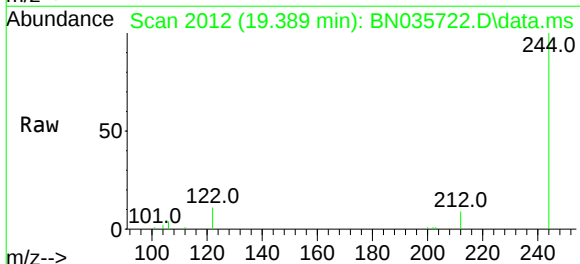
Concen: 0.544 ng

RT: 19.389 min Scan# 2012

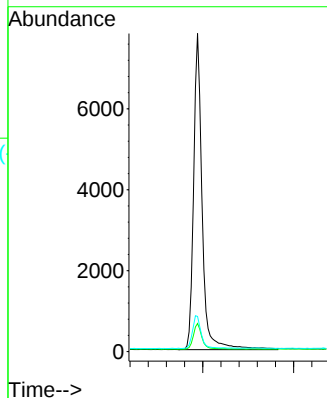
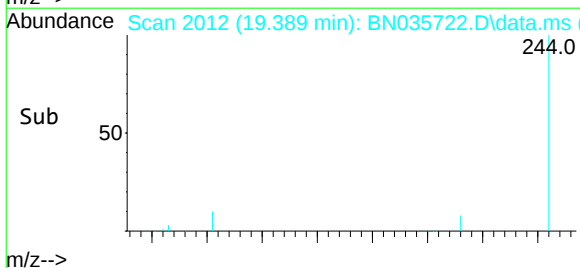
Delta R.T. -0.000 min

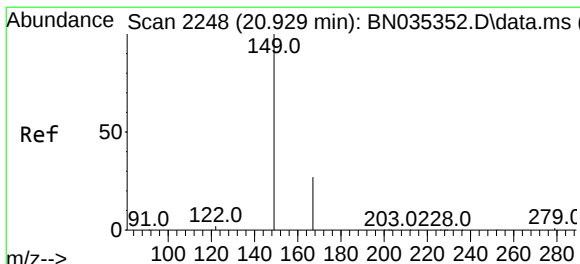
Lab File: BN035722.D

Acq: 20 Dec 2024 01:58



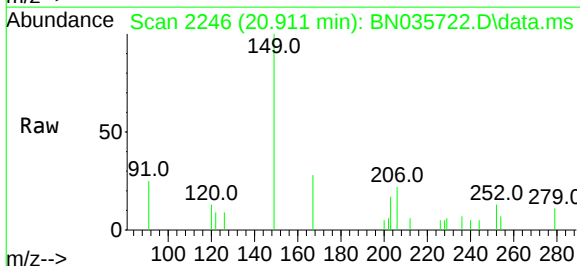
Tgt	Ion:244	Resp:	10221
Ion	Ratio	Lower	Upper
244	100		
212	8.8	8.1	12.1
122	11.1	10.3	15.5





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.085 ng
 RT: 20.911 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BN035722.D
 Acq: 20 Dec 2024 01:58

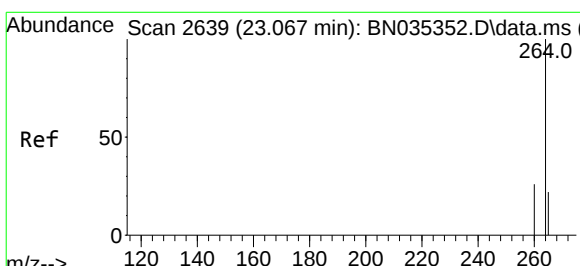
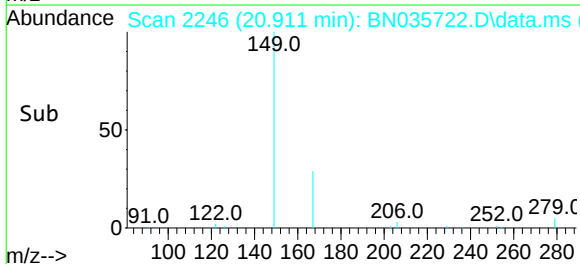
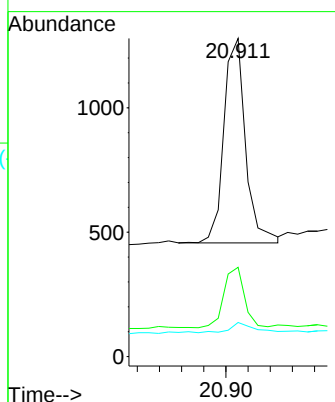
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20241210



Tgt Ion:	149	Resp:	1118
Ion Ratio	100	Lower	Upper
149	100		
167	27.5	22.2	33.4
279	6.1	2.7	4.1#

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.041 min Scan# 2630
 Delta R.T. -0.000 min
 Lab File: BN035722.D
 Acq: 20 Dec 2024 01:58

Tgt Ion:	264	Resp:	10502
Ion Ratio	100	Lower	Upper
264	100		
260	26.5	21.4	32.2
265	67.6	40.2	60.4#

