

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035726.D
 Acq On : 20 Dec 2024 04:22
 Operator : RC/JU
 Sample : P5261-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20241210

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 04:43:58 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	7.271	152	2948	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	7525	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	4789	0.400	ng	0.00
19) Phenanthrene-d10	16.698	188	9505	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	8457	0.400	ng	0.00
35) Perylene-d12	23.044	264	9186	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	882	0.120	ng	0.00
5) Phenol-d6	6.492	99	557	0.063	ng	0.00
8) Nitrobenzene-d5	8.418	82	1770m	0.385	ng	0.01
11) 2-Methylnaphthalene-d10	11.621	152	3810	0.324	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	632	0.186	ng	0.00
15) 2-Fluorobiphenyl	12.538	172	5628	0.311	ng	0.00
27) Fluoranthene-d10	18.761	212	10917	0.405	ng	0.00
31) Terphenyl-d14	19.388	244	9852	0.591	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.974	88	19948	7.078	ng	98
34) Bis(2-ethylhexyl)phtha...	20.902	149	7348	0.629	ng	97

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

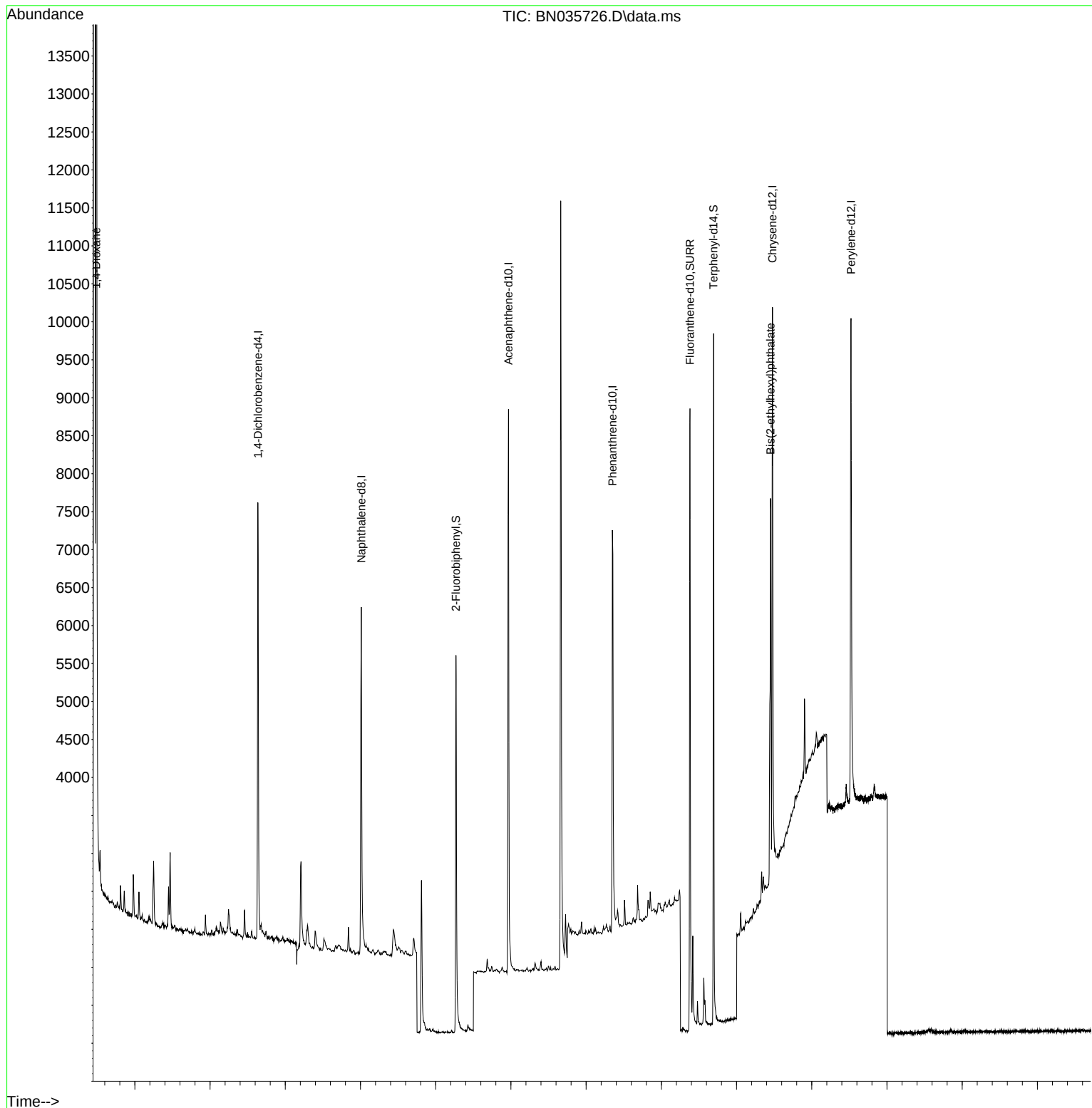
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
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ALS Vial : 17 Sample Multiplier: 1

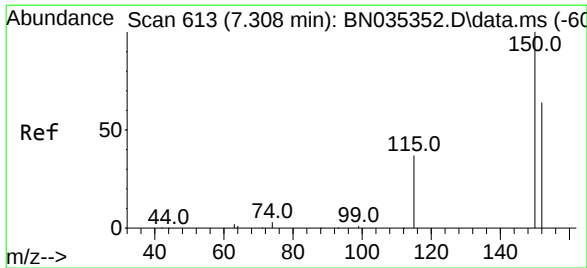
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RE125D2-20241210

Quant Time: Dec 20 04:43:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
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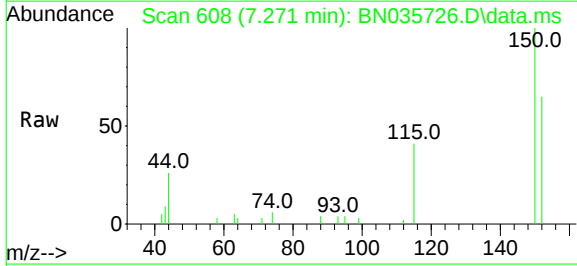
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.271 min Scan# 60
Delta R.T. -0.001 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

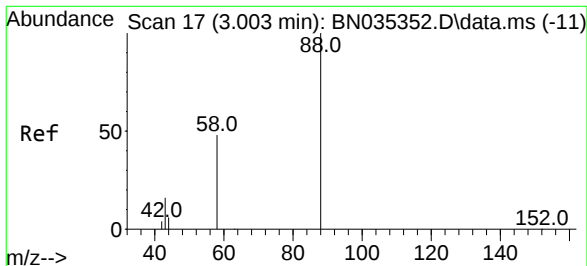
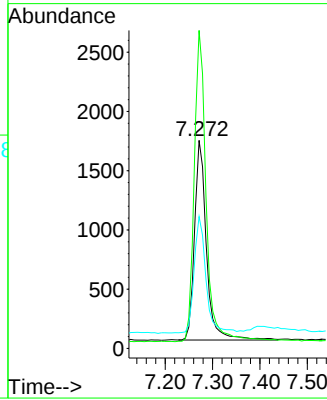
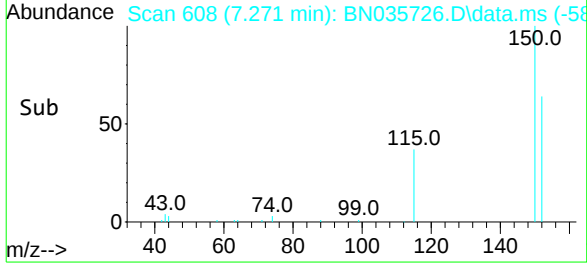
Instrument :
BNA_N
ClientSampleId :
RE125D2-20241210



Tgt Ion: 152 Resp: 2948
Ion Ratio Lower Upper
152 100
150 152.8 124.0 186.0
115 63.4 49.6 74.4

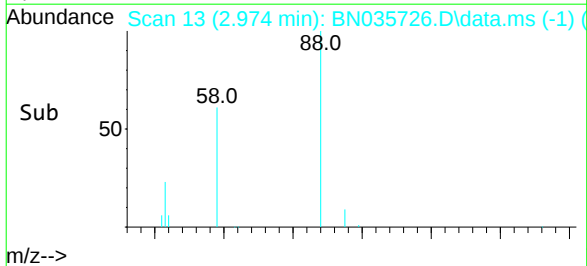
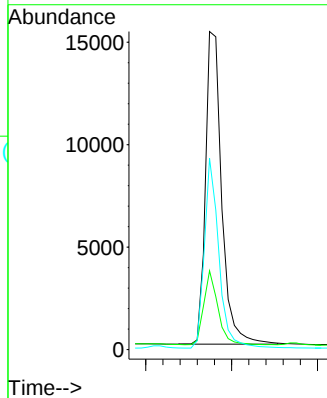
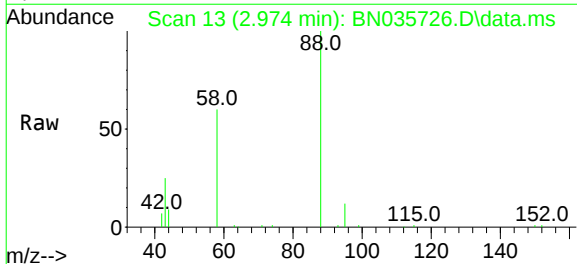
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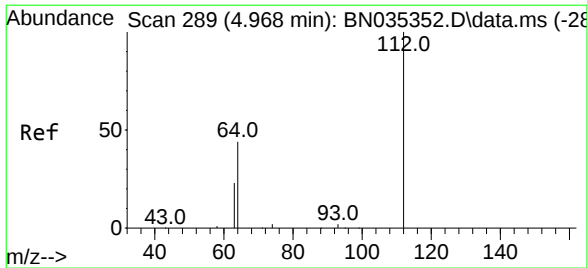
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Supervised By :mohammad ahmed 12/24/2024



#2
1,4-Dioxane
Concen: 7.078 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

Tgt Ion: 88 Resp: 19948
Ion Ratio Lower Upper
88 100
43 20.6 17.2 25.8
58 54.5 44.5 66.7





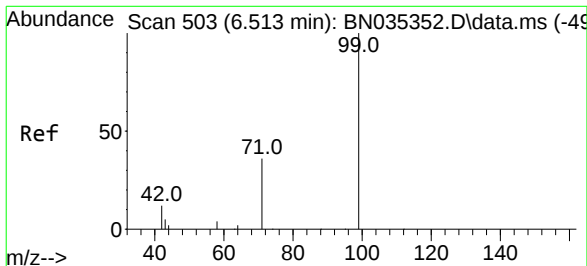
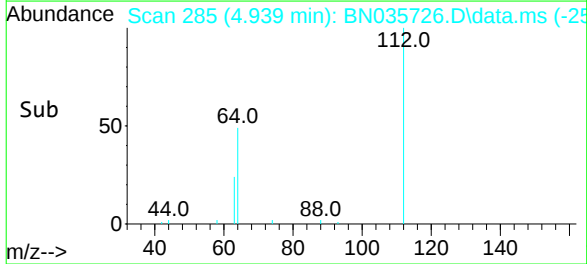
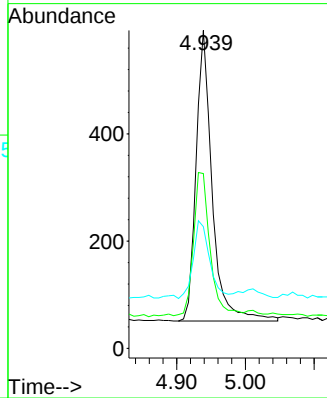
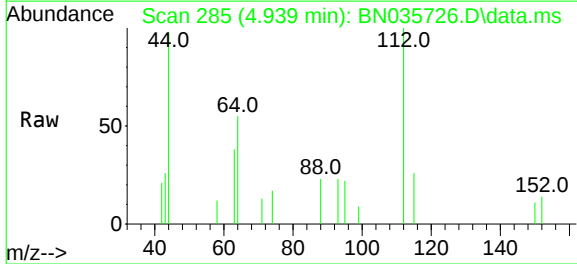
#4
2-Fluorophenol
Concen: 0.120 ng
RT: 4.939 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

Instrument :
BNA_N
ClientSampleId :
RE125D2-20241210

Tgt Ion:	112	Resp:	882
Ion	Ratio	Lower	Upper
112	100		
64	50.2	39.8	59.8
63	27.0	21.0	31.6

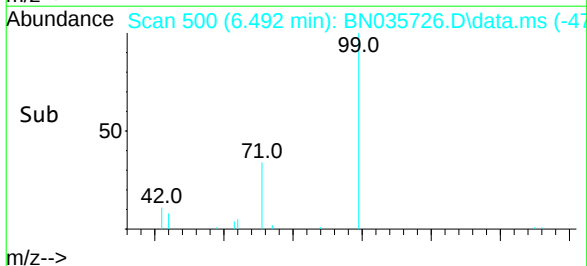
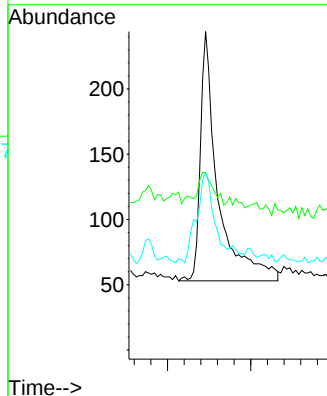
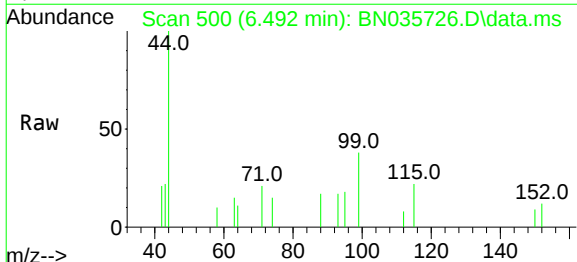
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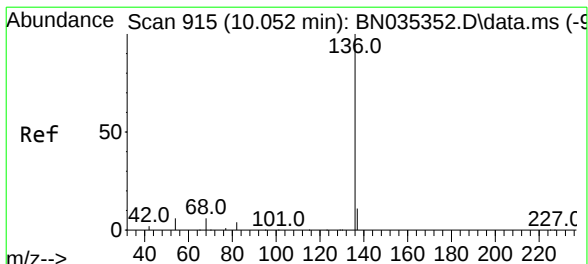
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.063 ng
RT: 6.492 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

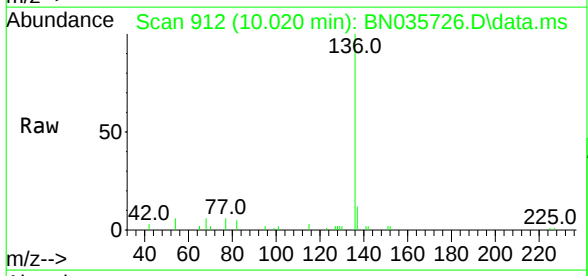
Tgt Ion:	99	Resp:	557
Ion	Ratio	Lower	Upper
99	100		
42	9.0	11.4	17.2#
71	36.6	29.3	43.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

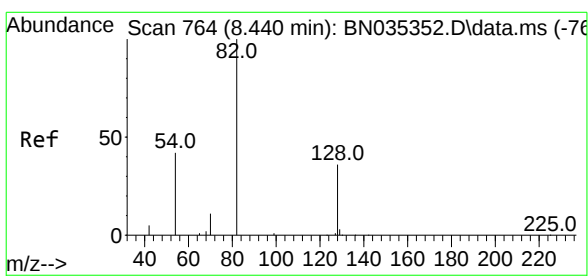
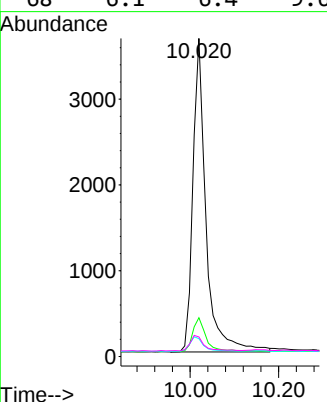
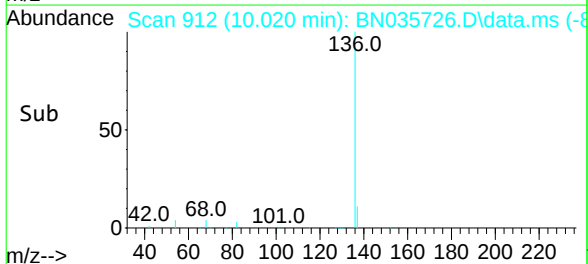
Instrument :
BNA_N
ClientSampleId :
RE125D2-20241210



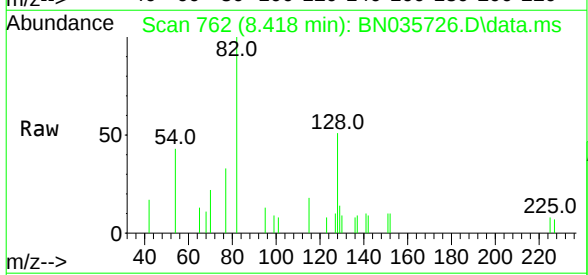
Tgt Ion:	136	Resp:	7525
Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.2	15.2
54	5.6	6.1	9.1#
68	6.1	6.4	9.6#

Manual Integrations
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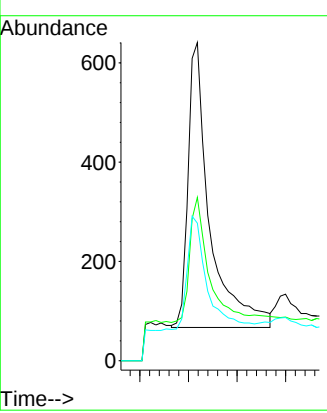
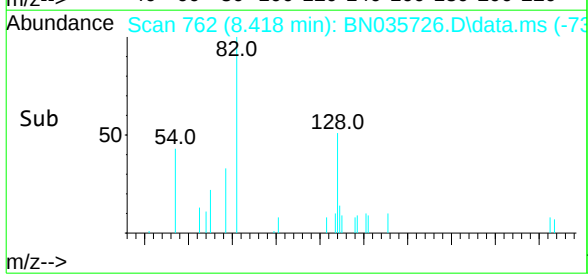
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Supervised By :mohammad ahmed 12/24/2024

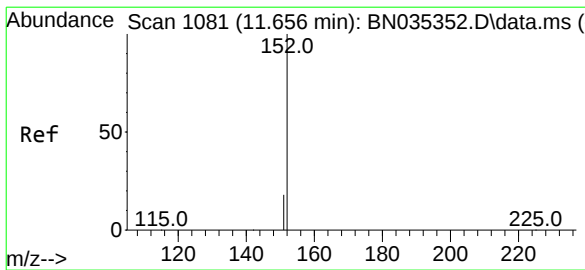


#8
Nitrobenzene-d5
Concen: 0.385 ng m
RT: 8.418 min Scan# 762
Delta R.T. 0.010 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22



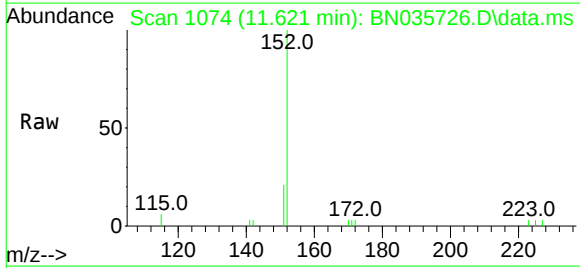
Tgt Ion:	82	Resp:	1770
Ion	Ratio	Lower	Upper
82	100		
128	51.3	33.4	50.0#
54	43.2	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.324 ng
RT: 11.621 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

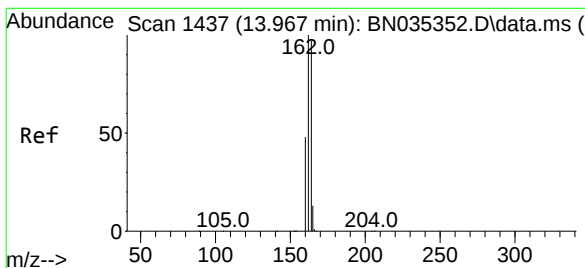
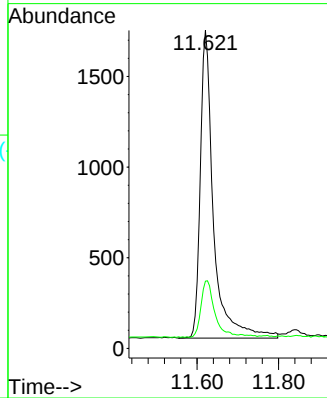
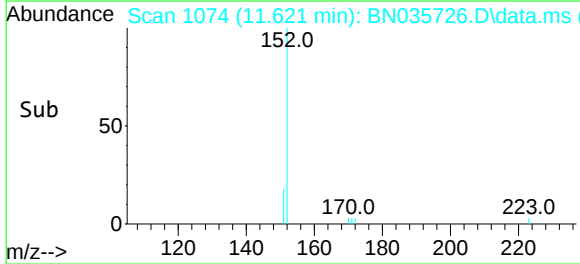
Instrument :
BNA_N
ClientSampleId :
RE125D2-20241210



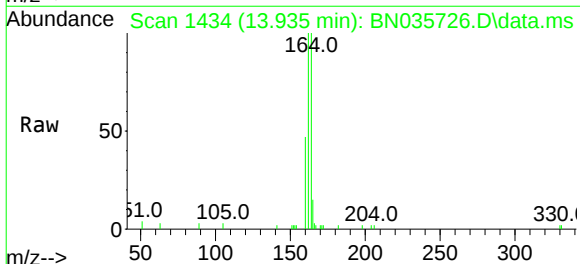
Tgt Ion:152 Resp: 3810
Ion Ratio Lower Upper
152 100
151 19.2 16.6 25.0

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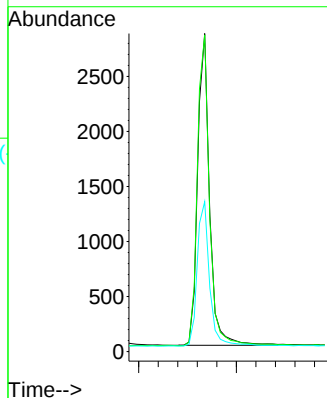
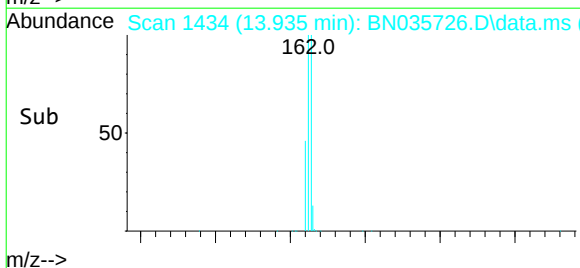
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

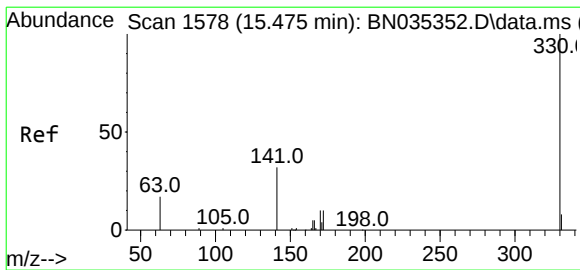


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22



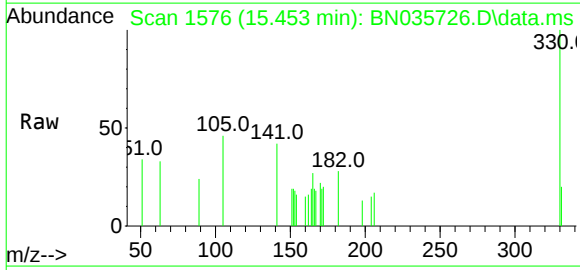
Tgt Ion:164 Resp: 4789
Ion Ratio Lower Upper
164 100
162 99.6 82.2 123.2
160 47.1 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.186 ng
RT: 15.453 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

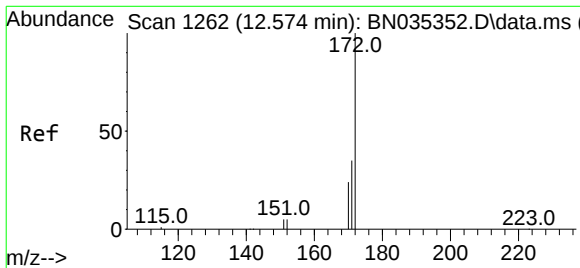
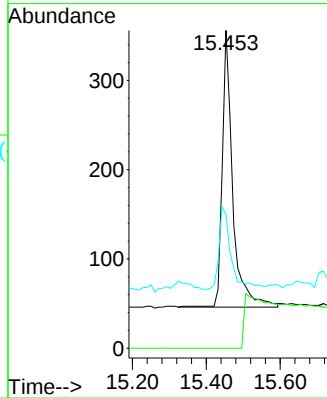
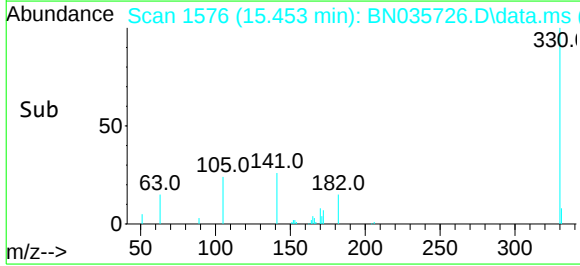
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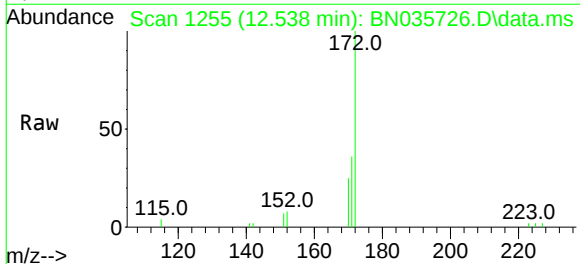
Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.9	26.6	40.0

Manual Integrations
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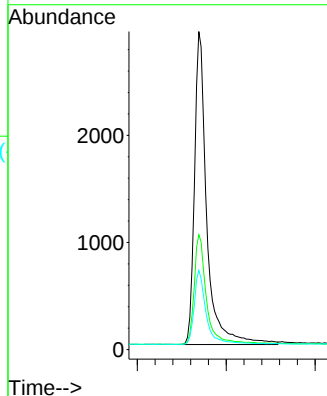
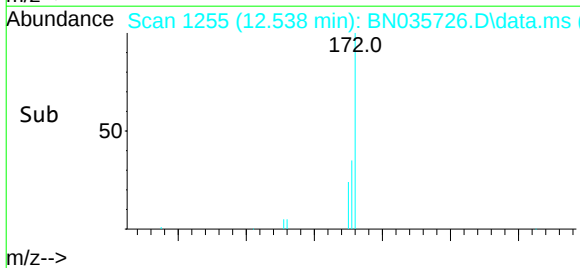
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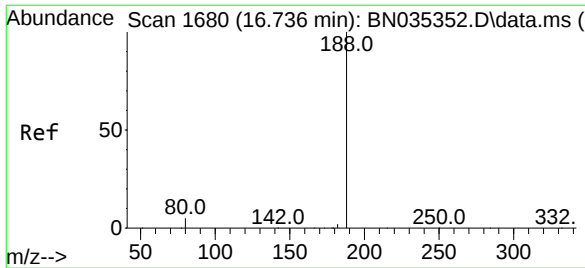


#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 12.538 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22



Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.9	19.8	29.8





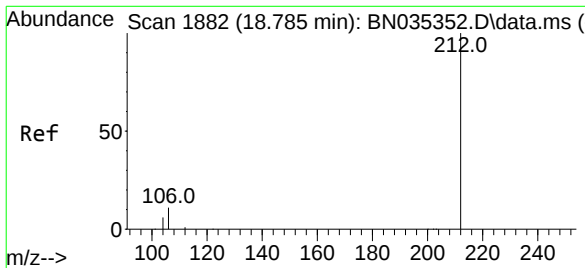
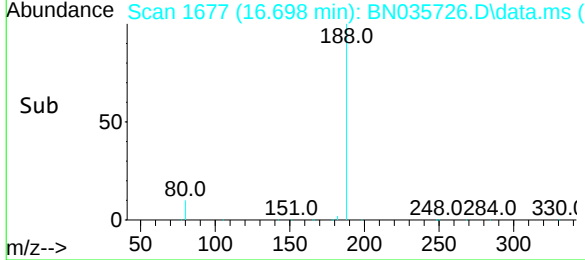
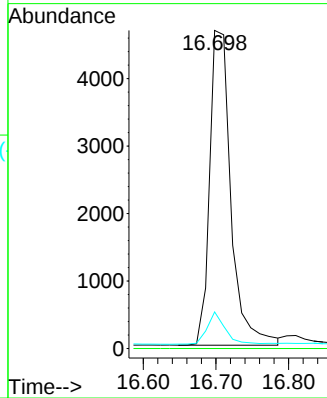
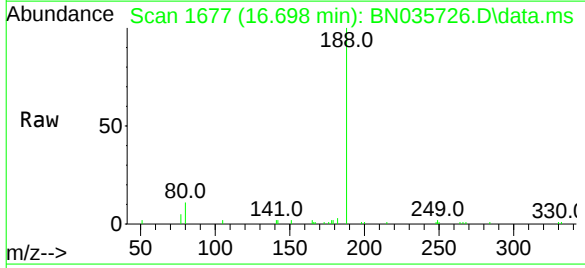
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

Instrument :
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Tgt Ion:	188	Resp:	9505
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.5	4.6	6.8

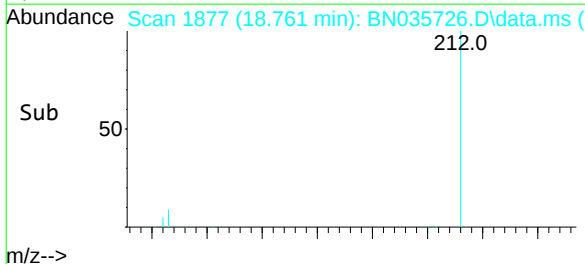
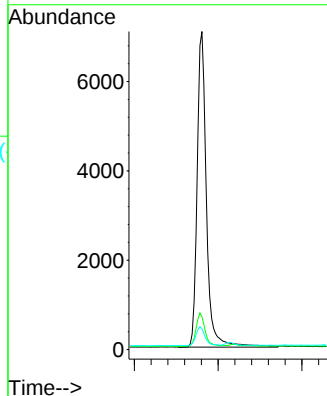
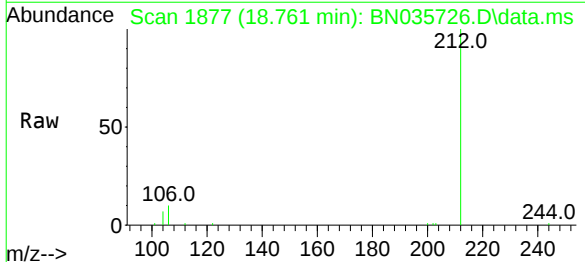
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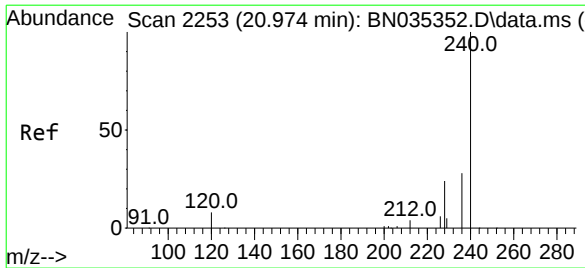
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Fluoranthene-d10
Concen: 0.405 ng
RT: 18.761 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

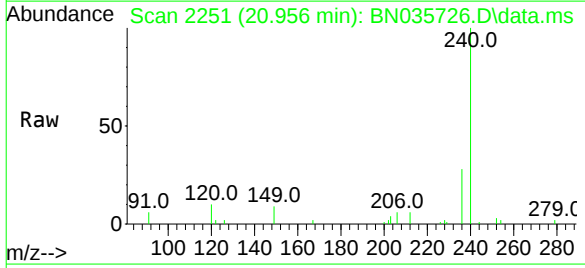
Tgt Ion:	212	Resp:	10917
Ion Ratio	Lower	Upper	
212	100		
106	10.1	9.2	13.8
104	5.8	5.3	7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

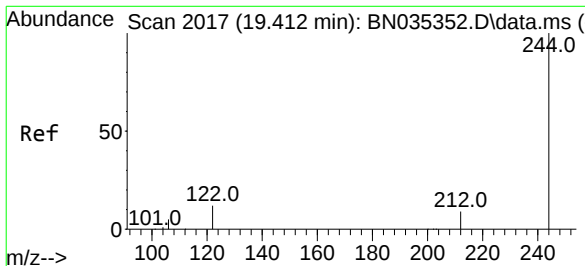
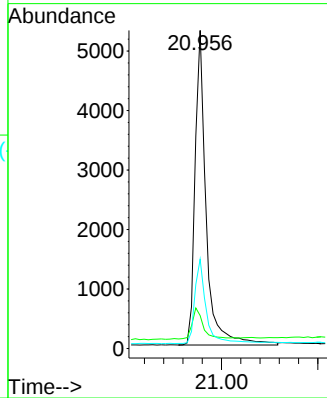
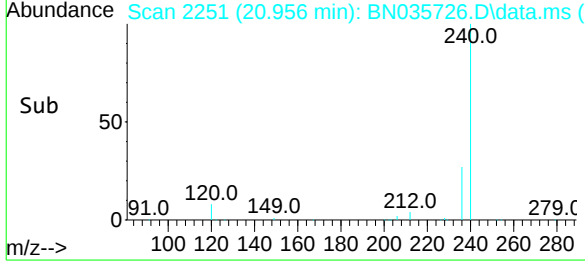
Instrument :
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Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.9	11.9
236	28.1	22.9	34.3

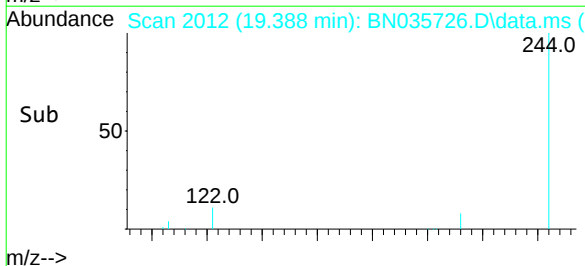
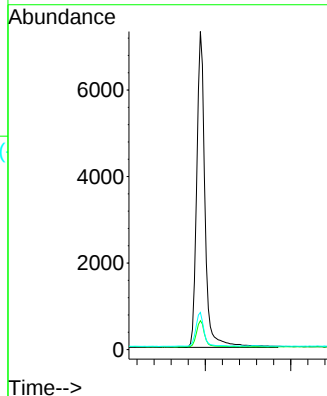
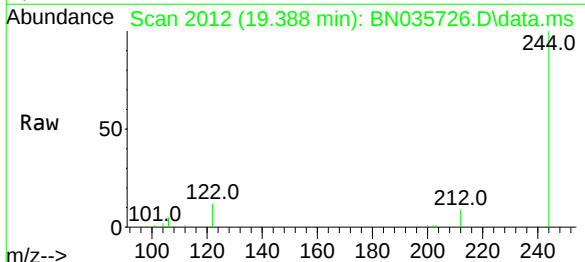
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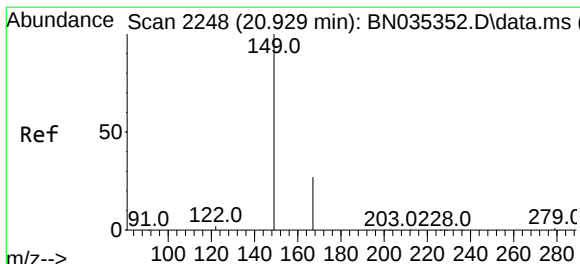
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#31
Terphenyl-d14
Concen: 0.591 ng
RT: 19.388 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

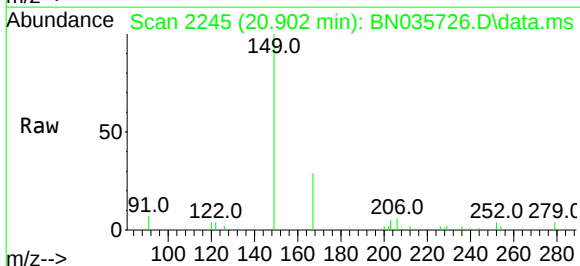
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	8.1	12.1
122	11.7	10.3	15.5





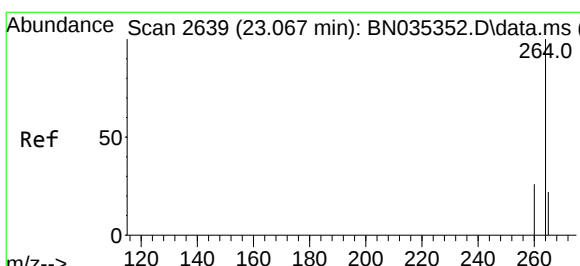
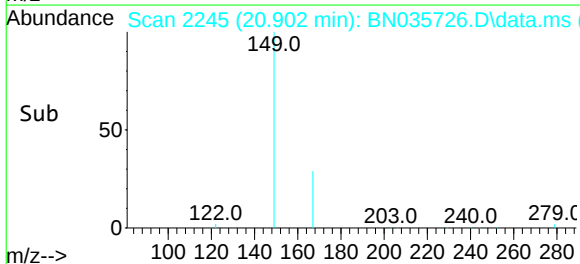
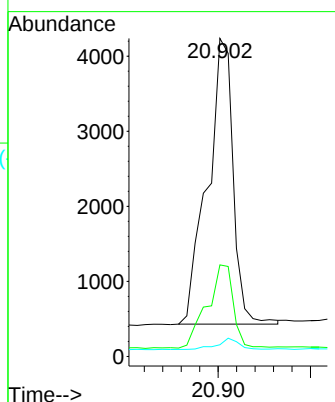
#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.629 ng
 RT: 20.902 min Scan# 2248
 Delta R.T. -0.009 min
 Lab File: BN035726.D
 Acq: 20 Dec 2024 04:22

Instrument : BNA_N
 ClientSampleId : RE125D2-20241210



Tgt Ion:	149	Resp:	7348
Ion Ratio	100	Lower	Upper
149	100		
167	29.7	22.2	33.4
279	3.2	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: 23.044 min Scan# 2631
 Delta R.T. 0.003 min
 Lab File: BN035726.D
 Acq: 20 Dec 2024 04:22

Tgt Ion:	264	Resp:	9186
Ion Ratio	100	Lower	Upper
264	100		
260	26.2	21.4	32.2
265	71.7	40.2	60.4

