

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035734.D
 Acq On : 20 Dec 2024 10:29
 Operator : RC/JU
 Sample : P5261-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20241210

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 11:38:01 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	3263	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	9192	0.400	ng	# 0.00
13) Acenaphthene-d10	13.924	164	5650	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	11736	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	10093	0.400	ng	0.00
35) Perylene-d12	23.038	264	11111	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	901	0.110	ng	0.00
5) Phenol-d6	6.484	99	526	0.054	ng	0.00
8) Nitrobenzene-d5	8.408	82	1971m	0.351	ng	0.00
11) 2-Methylnaphthalene-d10	11.616	152	4807	0.334	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	826	0.206	ng	0.00
15) 2-Fluorobiphenyl	12.539	172	7160	0.335	ng	0.00
27) Fluoranthene-d10	18.757	212	12798	0.385	ng	0.00
31) Terphenyl-d14	19.389	244	11302	0.568	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.982	88	15457	4.955	ng	100
34) Bis(2-ethylhexyl)phtha...	20.902	149	1655	0.119	ng	# 98

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

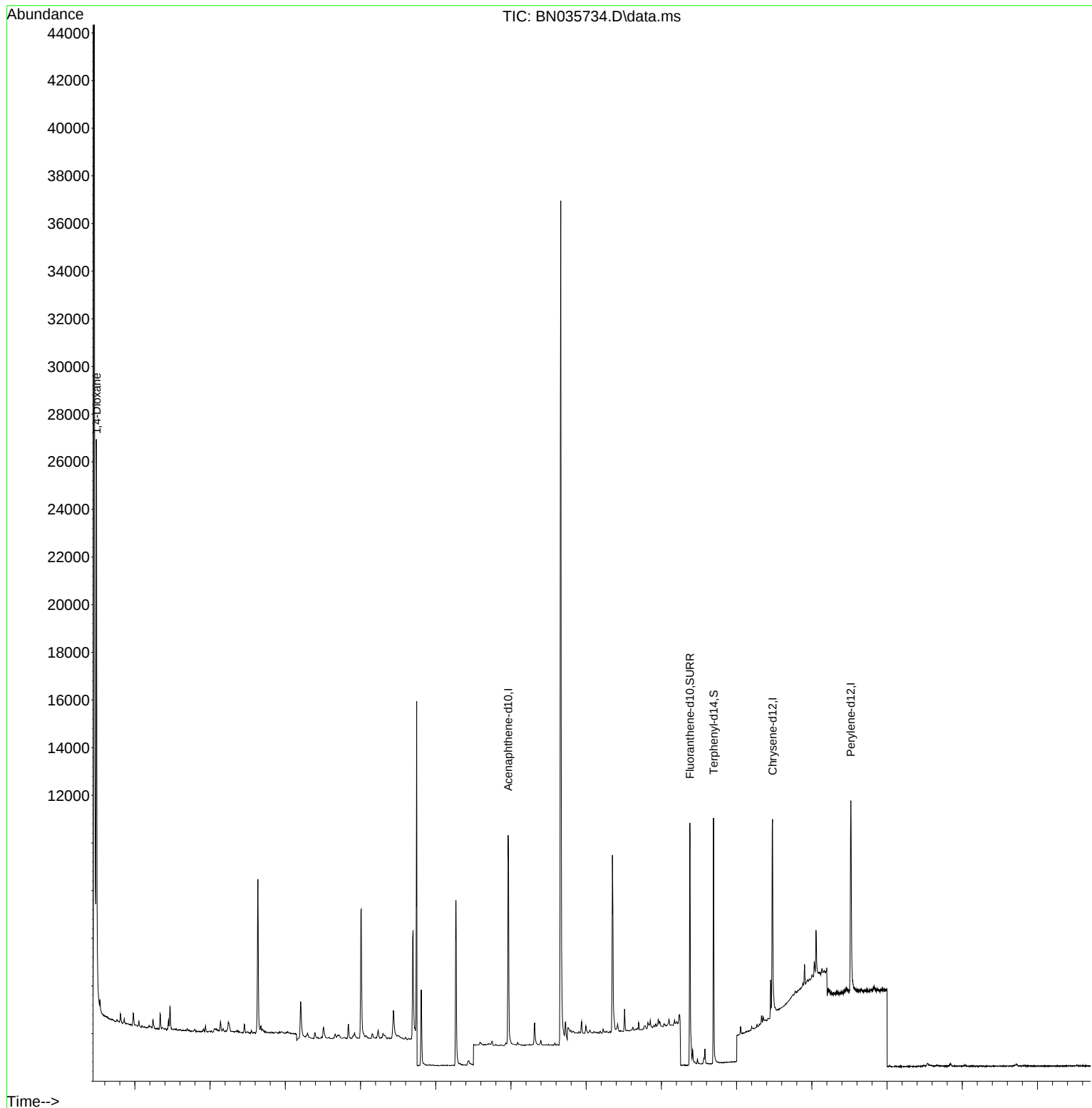
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035734.D
Acq On : 20 Dec 2024 10:29
Operator : RC/JU
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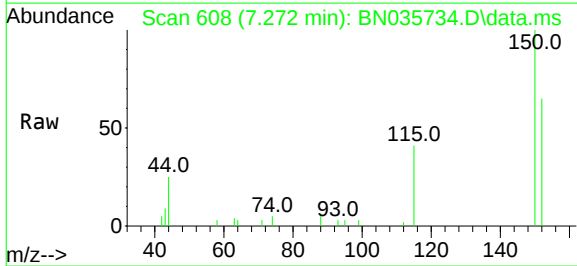
Quant Time: Dec 20 11:38:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN035734.D
Acq: 20 Dec 2024 10:29

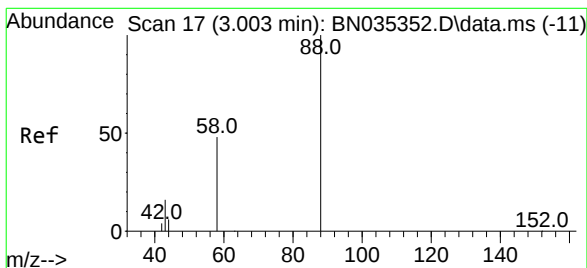
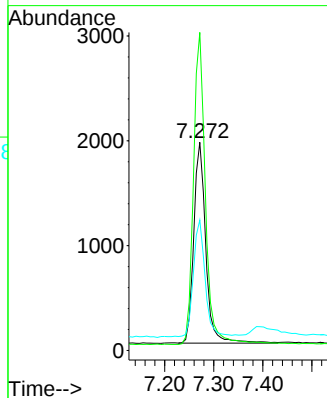
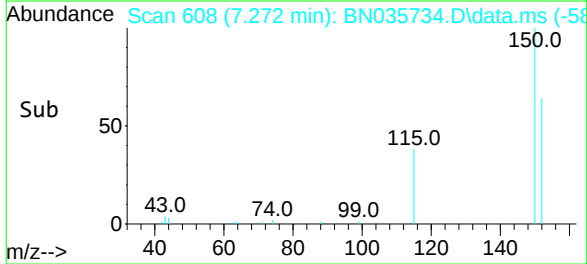
Instrument :
BNA_N
ClientSampleId :
RE125D1-20241210



Tgt Ion: 152 Resp: 3263
Ion Ratio Lower Upper
152 100
150 152.8 124.0 186.0
115 62.6 49.6 74.4

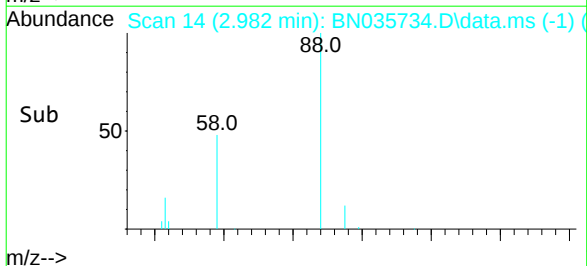
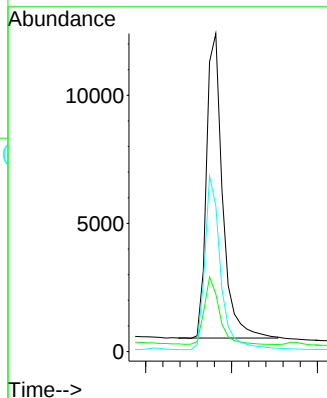
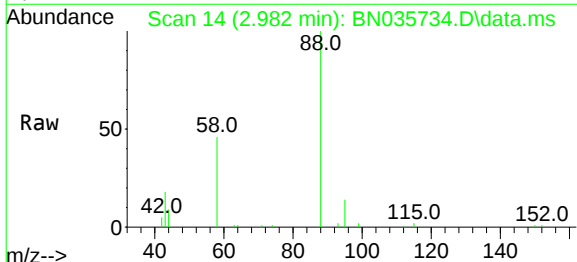
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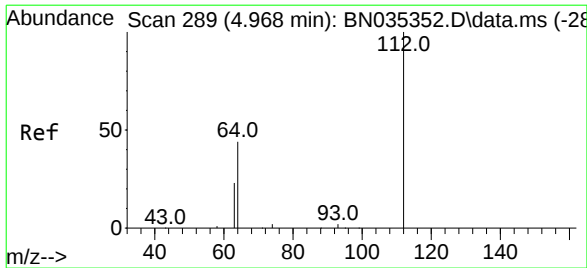
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#2
1,4-Dioxane
Concen: 4.955 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035734.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 88 Resp: 15457
Ion Ratio Lower Upper
88 100
43 20.9 17.2 25.8
58 55.7 44.5 66.7





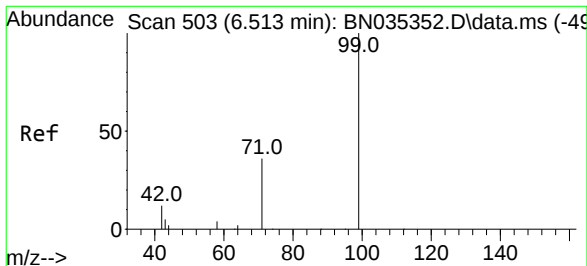
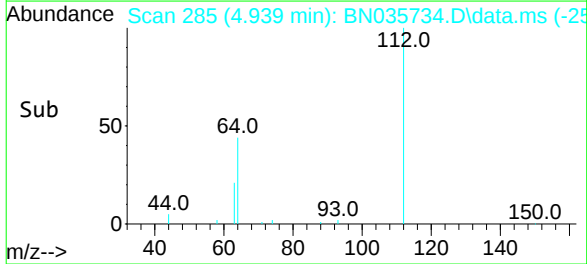
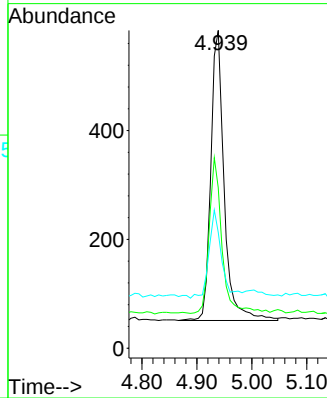
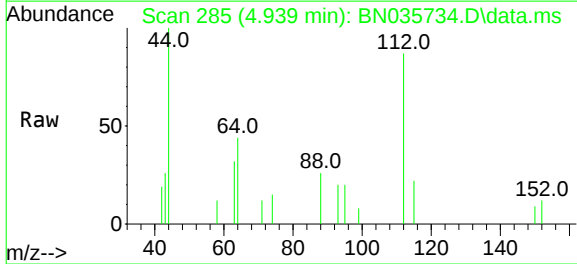
#4
2-Fluorophenol
Concen: 0.110 ng
RT: 4.939 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN035734.D
Acq: 20 Dec 2024 10:29

Instrument :
BNA_N
ClientSampleId :
RE125D1-20241210

Tgt Ion:	112	Resp:	901
Ion	Ratio	Lower	Upper
112	100		
64	51.1	39.8	59.8
63	27.4	21.0	31.6

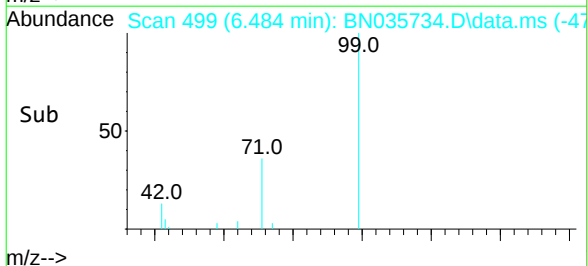
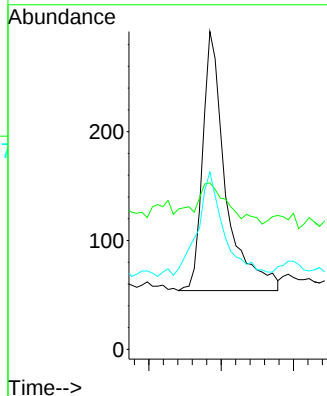
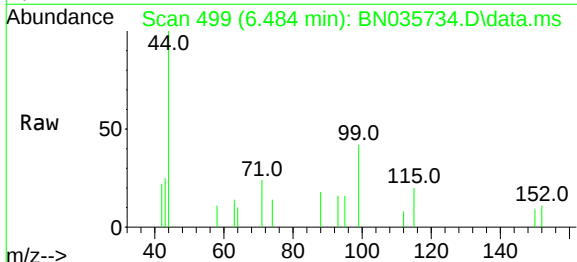
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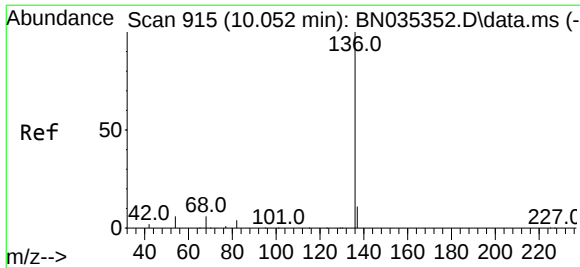
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.054 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035734.D
Acq: 20 Dec 2024 10:29

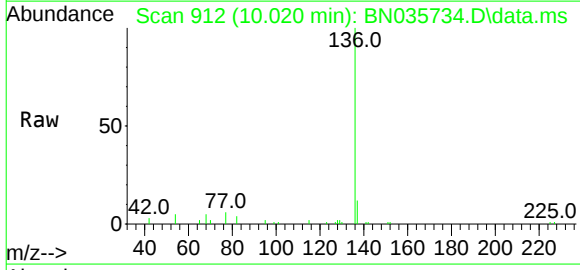
Tgt Ion:	99	Resp:	526
Ion	Ratio	Lower	Upper
99	100		
42	19.2	11.4	17.2#
71	47.3	29.3	43.9#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN035734.D
Acq: 20 Dec 2024 10:29

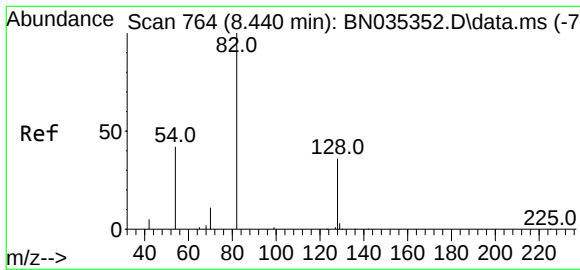
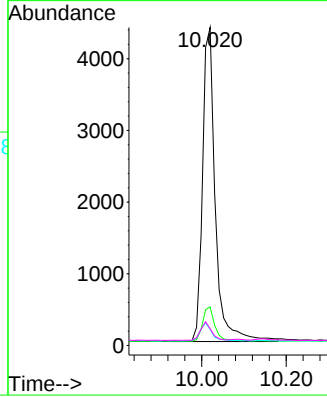
Instrument :
BNA_N
ClientSampleId :
RE125D1-20241210



Tgt Ion	136	137	54	68
Ratio	100	12.1	5.0	5.3
Lower		10.2	6.1	6.4
Upper		15.2	9.1#	9.6#

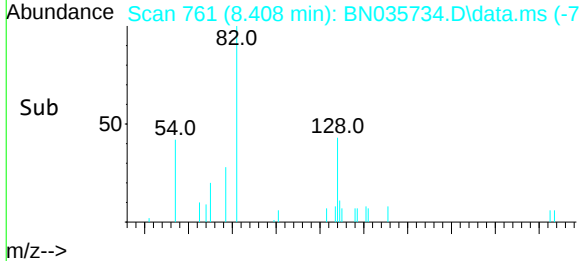
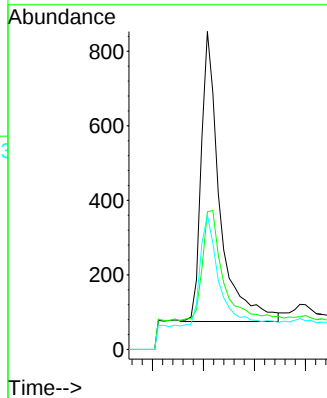
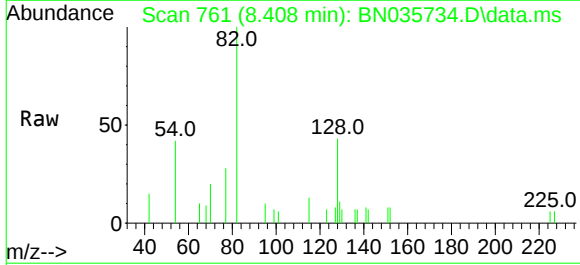
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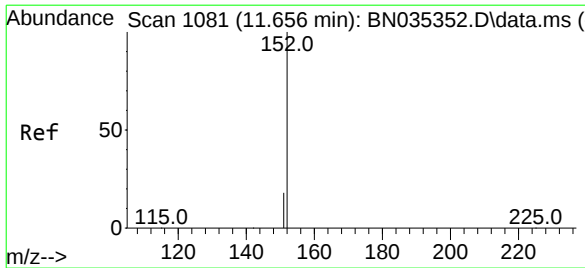
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#8
Nitrobenzene-d5
Concen: 0.351 ng m
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035734.D
Acq: 20 Dec 2024 10:29

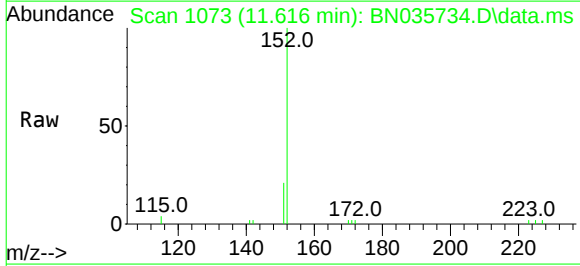
Tgt Ion	82	128	54
Ratio	100	43.3	42.2
Lower		33.4	36.7
Upper		50.0	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 11.616 min Scan# 1081
Delta R.T. -0.005 min
Lab File: BN035734.D
Acq: 20 Dec 2024 10:29

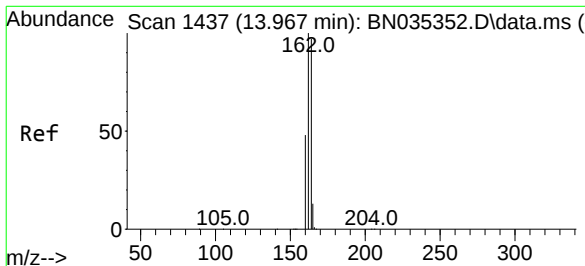
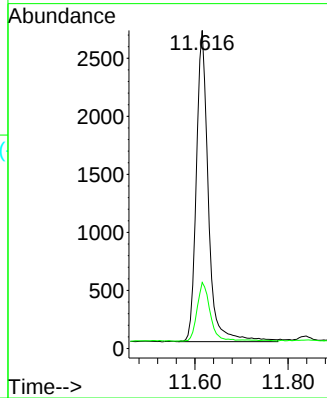
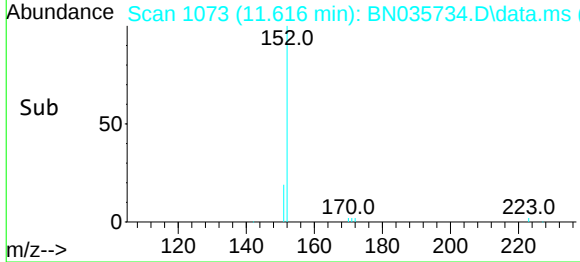
Instrument :
BNA_N
ClientSampleId :
RE125D1-20241210



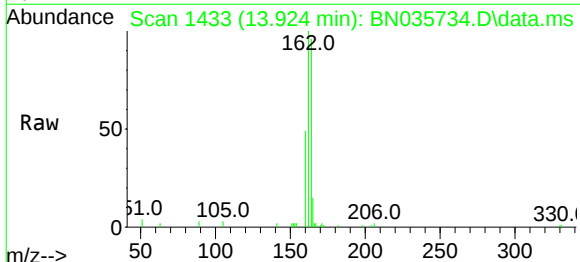
Tgt Ion:152 Resp: 4807
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0

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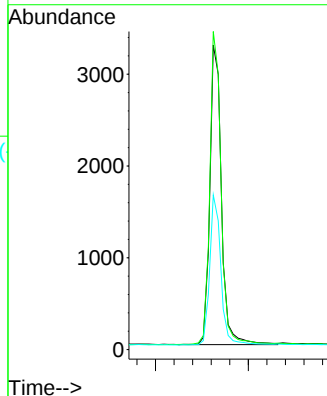
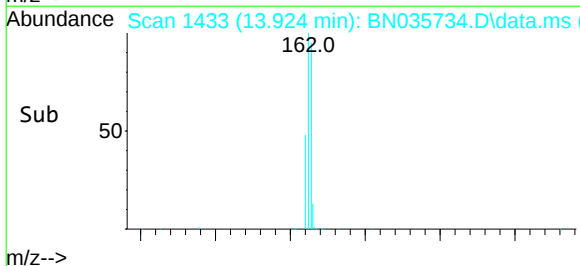
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Supervised By :mohammad ahmed 12/24/2024

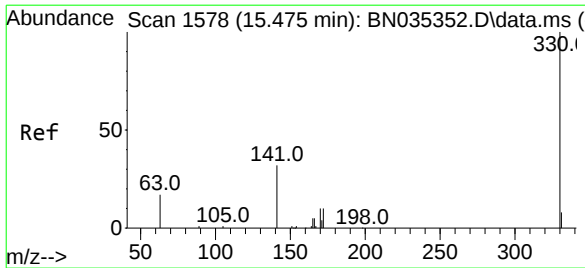


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035734.D
Acq: 20 Dec 2024 10:29



Tgt Ion:164 Resp: 5650
Ion Ratio Lower Upper
164 100
162 104.5 82.2 123.2
160 50.8 40.1 60.1





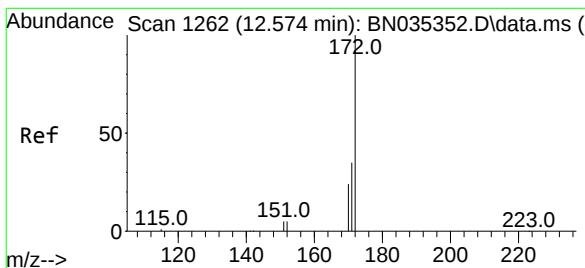
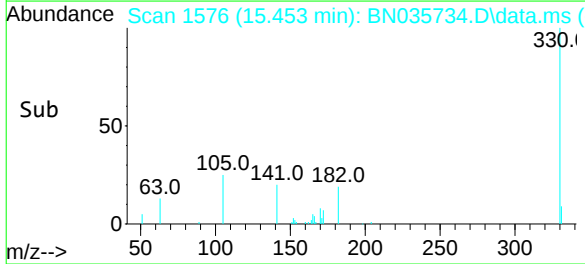
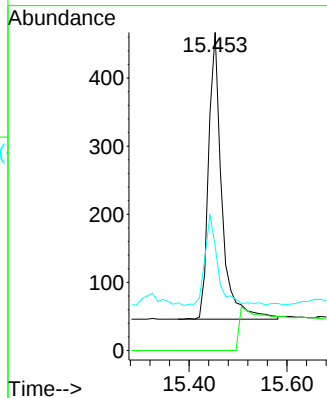
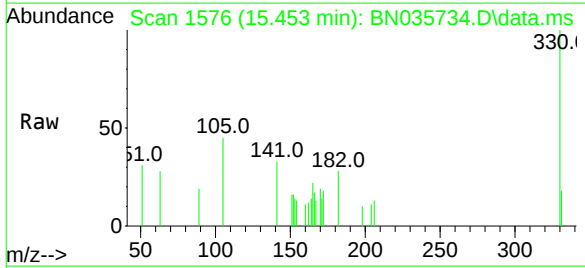
#14
2,4,6-Tribromophenol
Concen: 0.206 ng
RT: 15.453 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BN035734.D
Acq: 20 Dec 2024 10:29

Instrument :
BNA_N
ClientSampleId :
RE125D1-20241210

Tgt Ion:	330	Resp:	826
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.1	26.6	40.0

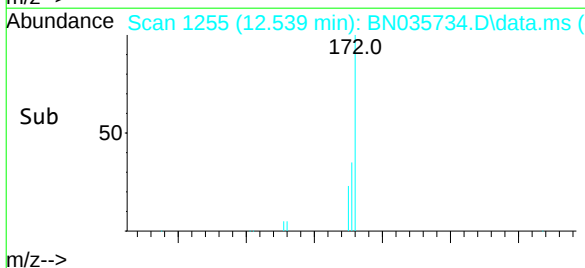
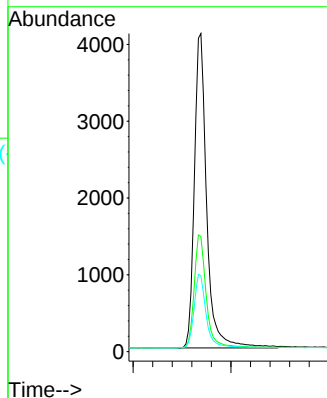
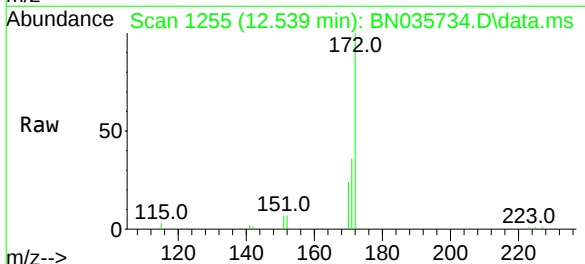
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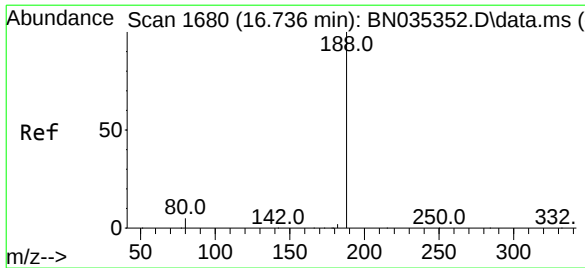
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 12.539 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035734.D
Acq: 20 Dec 2024 10:29

Tgt Ion:	172	Resp:	7160
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	23.9	19.8	29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.698 min Scan# 16

Delta R.T. -0.000 min

Lab File: BN035734.D

Acq: 20 Dec 2024 10:29

Instrument :

BNA_N

ClientSampleId :

RE125D1-20241210

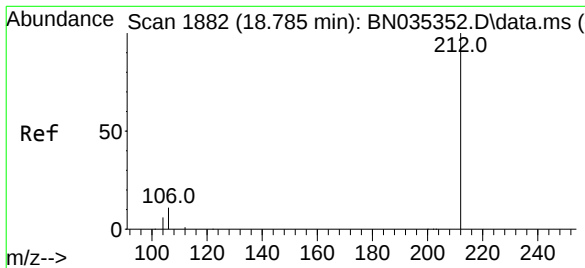
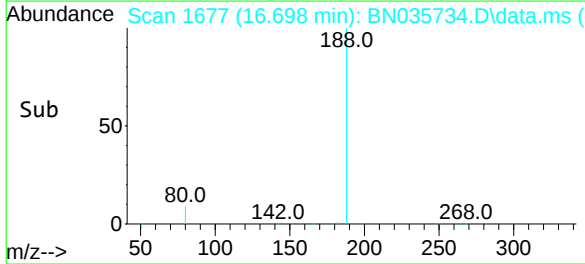
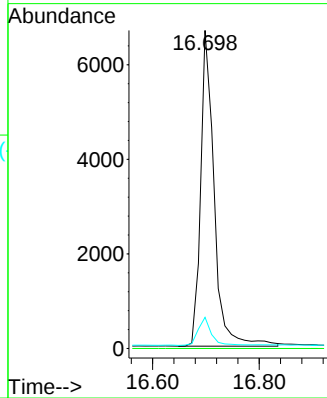
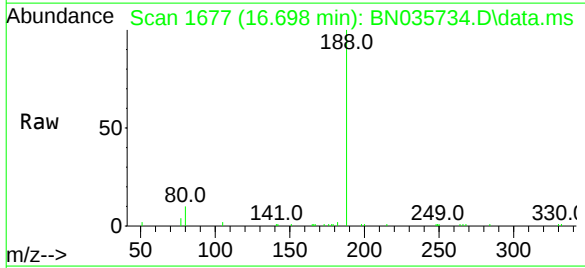
Tgt Ion:	188	Resp:	11736
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.8	4.6	6.8

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Supervised By :mohammad ahmed 12/24/2024



#27

Fluoranthene-d10

Concen: 0.385 ng

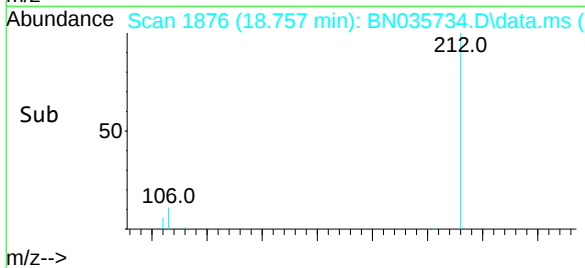
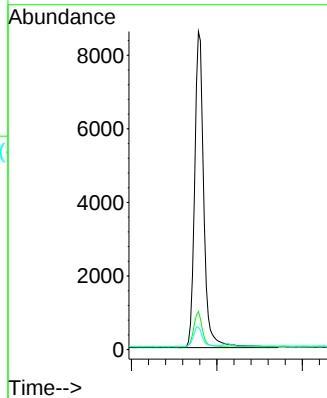
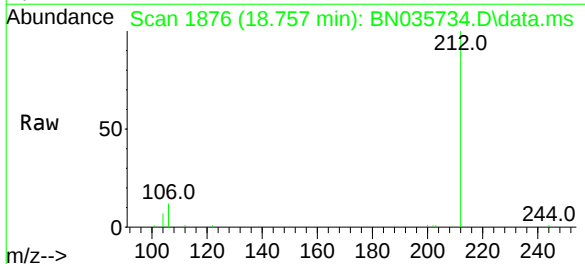
RT: 18.757 min Scan# 1876

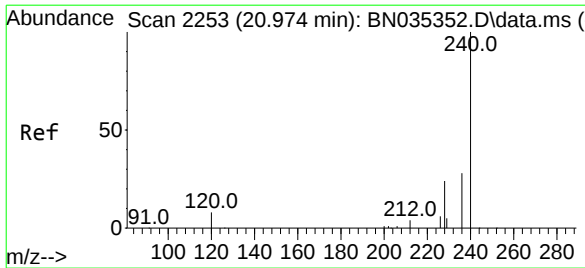
Delta R.T. -0.005 min

Lab File: BN035734.D

Acq: 20 Dec 2024 10:29

Tgt Ion:	212	Resp:	12798
Ion Ratio	Lower	Upper	
212	100		
106	10.5	9.2	13.8
104	6.0	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: BN035734.D

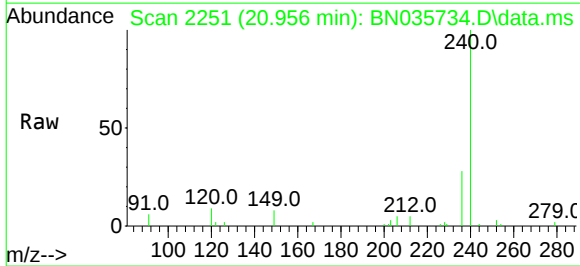
Acq: 20 Dec 2024 10:29

Instrument :

BNA_N

ClientSampleId :

RE125D1-20241210



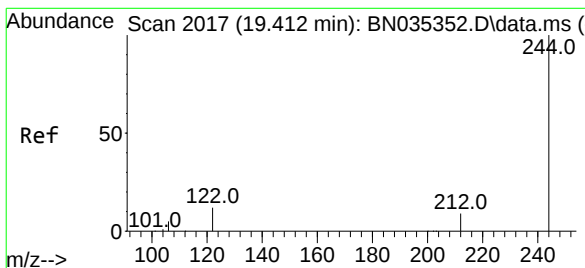
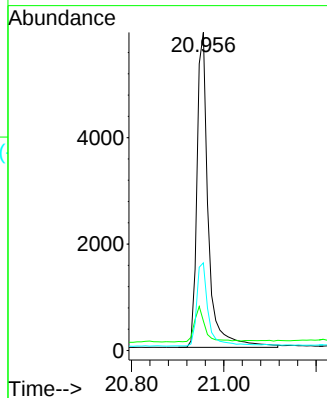
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.9	11.9
236	27.6	22.9	34.3

Manual Integrations

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Supervised By :mohammad ahmed 12/24/2024



#31

Terphenyl-d14

Concen: 0.568 ng

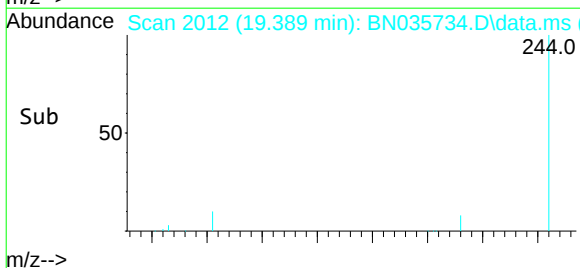
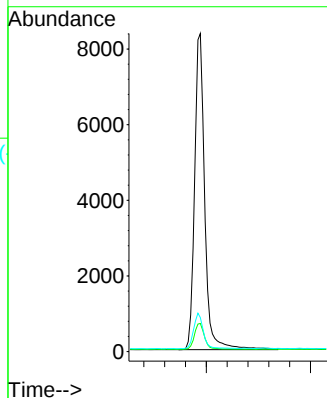
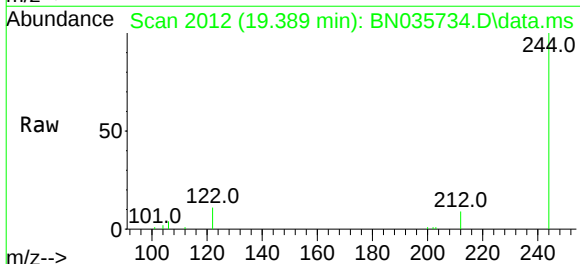
RT: 19.389 min Scan# 2012

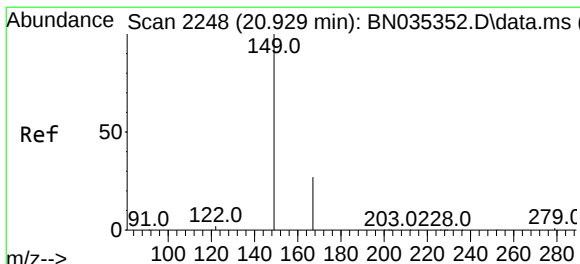
Delta R.T. -0.000 min

Lab File: BN035734.D

Acq: 20 Dec 2024 10:29

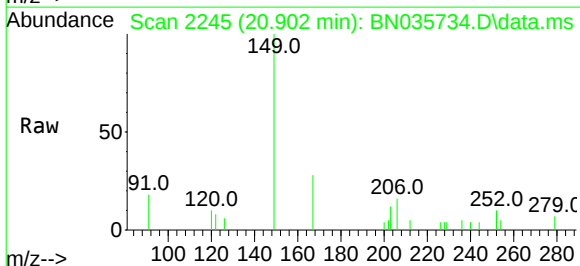
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	8.1	12.1
122	10.7	10.3	15.5





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.119 ng
RT: 20.902 min Scan# 2248
Delta R.T. -0.009 min
Lab File: BN035734.D
Acq: 20 Dec 2024 10:29

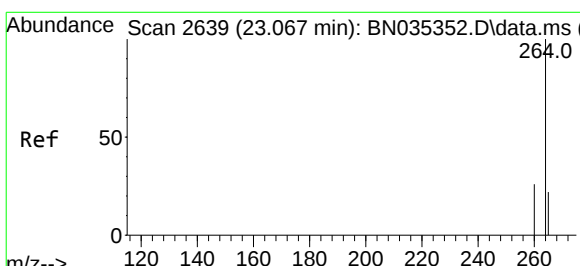
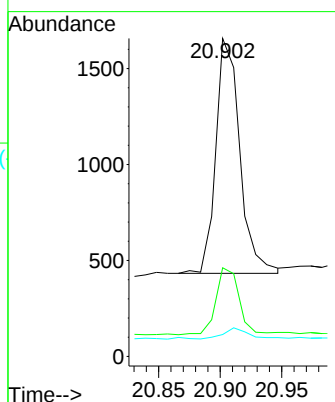
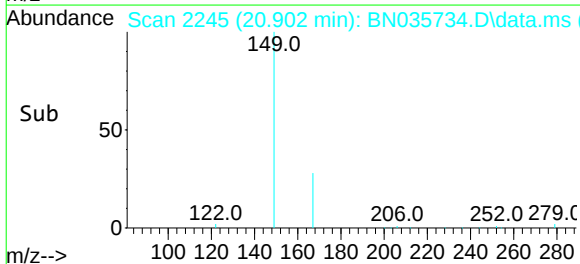
Instrument : BNA_N
ClientSampleId : RE125D1-20241210



Tgt Ion:	149	Resp:	1655
Ion Ratio	Lower	Upper	
149	100		
167	28.5	22.2	33.4
279	5.0	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: 23.038 min Scan# 2629
Delta R.T. -0.003 min
Lab File: BN035734.D
Acq: 20 Dec 2024 10:29

Tgt Ion:	264	Resp:	11111
Ion Ratio	Lower	Upper	
264	100		
260	26.3	21.4	32.2
265	61.4	40.2	60.4#

