

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035742.D
 Acq On : 20 Dec 2024 15:18
 Operator : RC/JU
 Sample : P5281-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20241212

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 17:13:08 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	3072	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	8100	0.400	ng	-0.01
13) Acenaphthene-d10	13.925	164	5112	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9978	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	8603	0.400	ng	0.00
35) Perylene-d12	23.041	264	8488	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	718	0.093	ng	0.00
5) Phenol-d6	6.484	99	450	0.049	ng	0.00
8) Nitrobenzene-d5	8.408	82	1575m	0.318	ng	0.00
11) 2-Methylnaphthalene-d10	11.621	152	3379	0.267	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	542	0.149	ng	0.00
15) 2-Fluorobiphenyl	12.544	172	4845	0.251	ng	0.00
27) Fluoranthene-d10	18.757	212	9298	0.329	ng	0.00
31) Terphenyl-d14	19.389	244	7270	0.428	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	12247	4.170	ng	98
6) bis(2-Chloroethyl)ether	6.723	93	341	0.044	ng	98
34) Bis(2-ethylhexyl)phtha...	20.911	149	906	0.076	ng	# 95

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

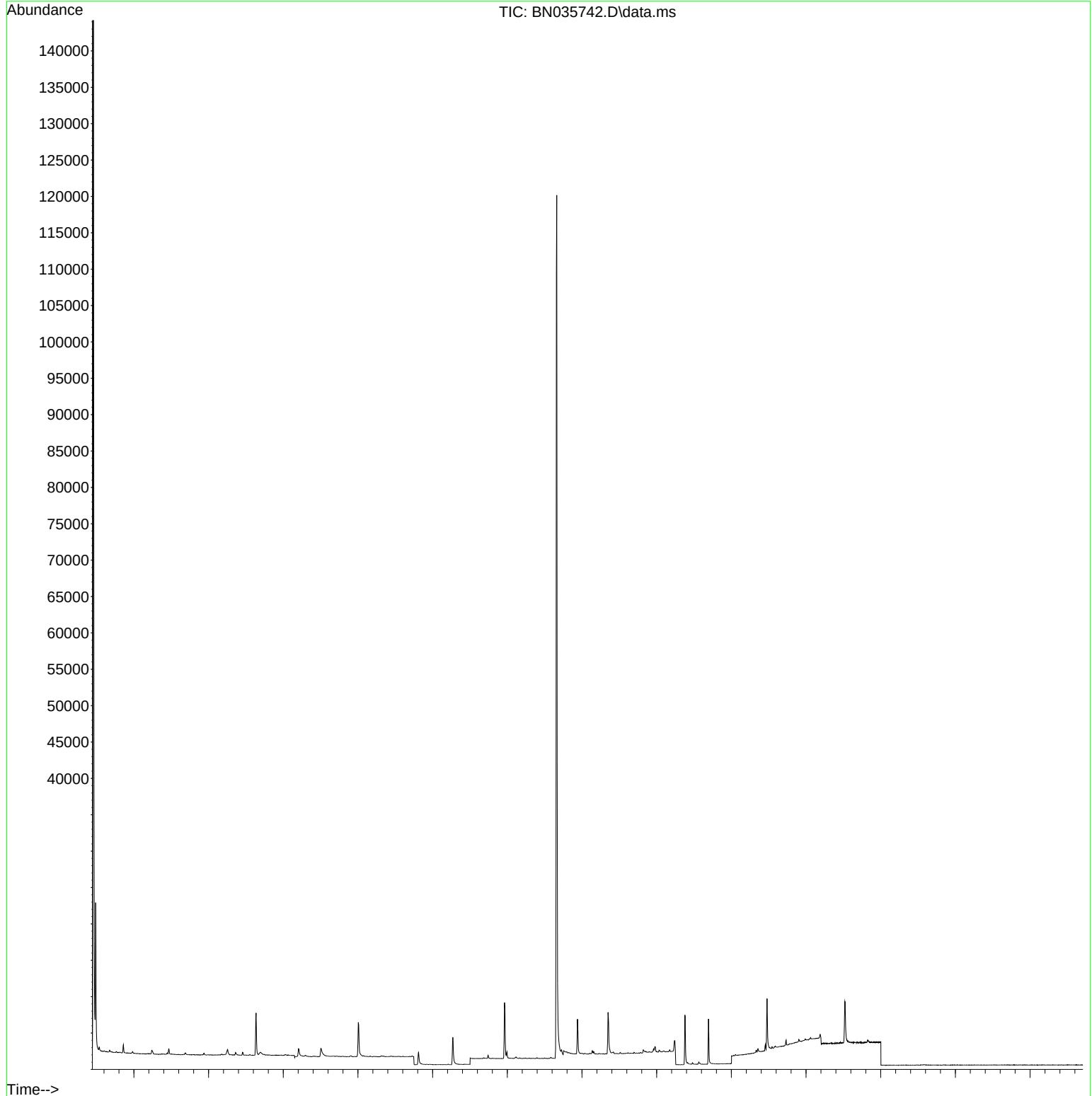
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035742.D
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ALS Vial : 33 Sample Multiplier: 1

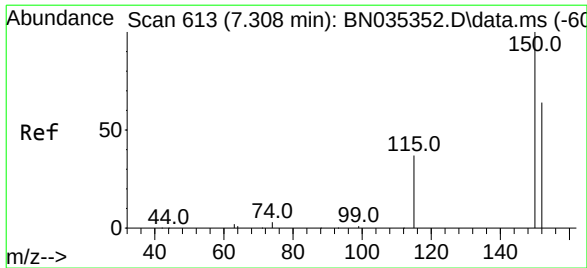
Instrument :
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RE114D1-20241212

Quant Time: Dec 20 17:13:08 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

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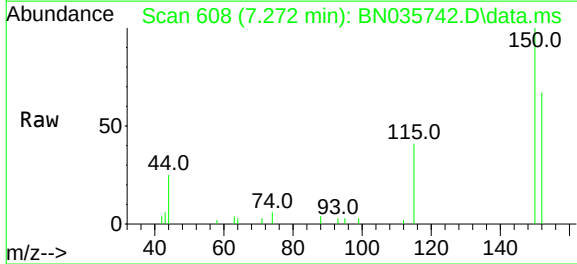
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18

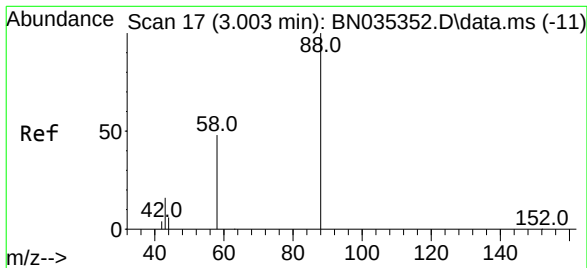
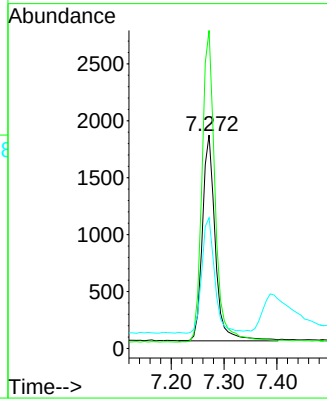
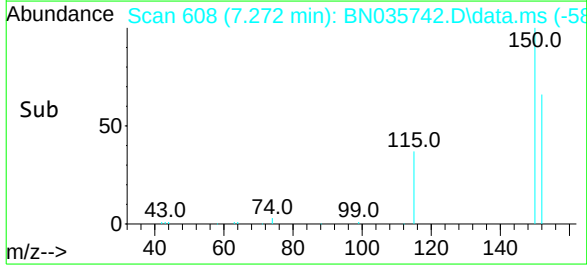
Instrument :
BNA_N
ClientSampleId :
RE114D1-20241212



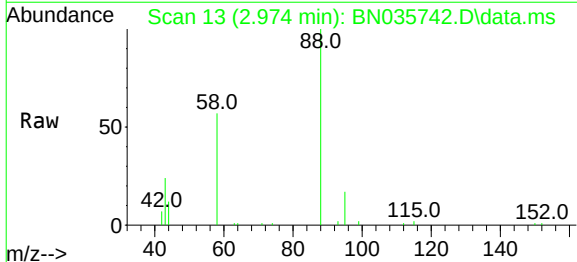
Tgt Ion: 152 Resp: 3072
Ion Ratio Lower Upper
152 100
150 149.0 124.0 186.0
115 61.2 49.6 74.4

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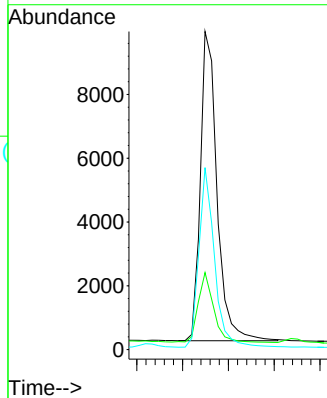
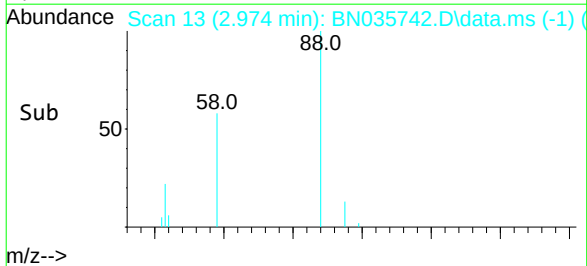
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

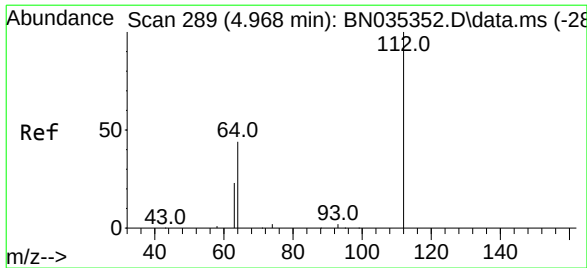


#2
1,4-Dioxane
Concen: 4.170 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18



Tgt Ion: 88 Resp: 12247
Ion Ratio Lower Upper
88 100
43 21.0 17.2 25.8
58 54.3 44.5 66.7





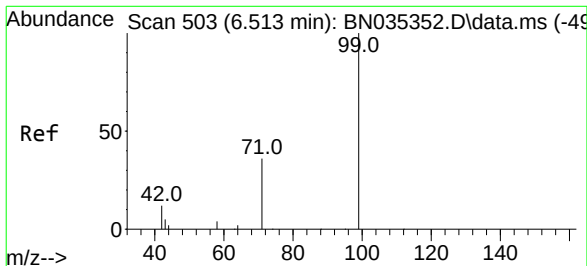
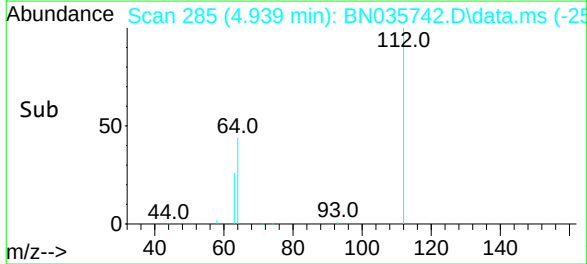
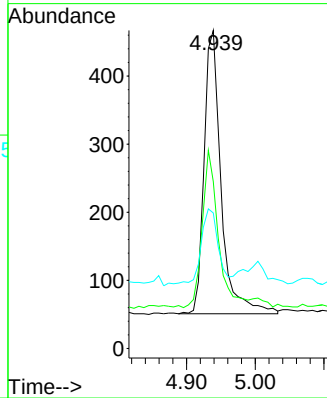
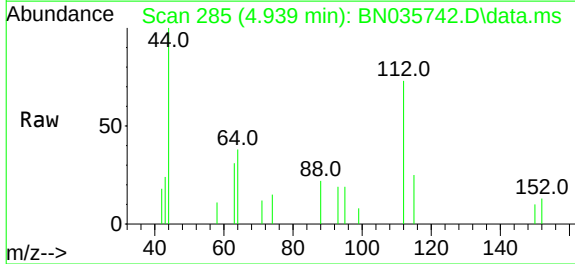
#4
2-Fluorophenol
Concen: 0.093 ng
RT: 4.939 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18

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ClientSampleId :
RE114D1-20241212

Tgt Ion:	112	Resp:	718
Ion	Ratio	Lower	Upper
112	100		
64	52.1	39.8	59.8
63	25.9	21.0	31.6

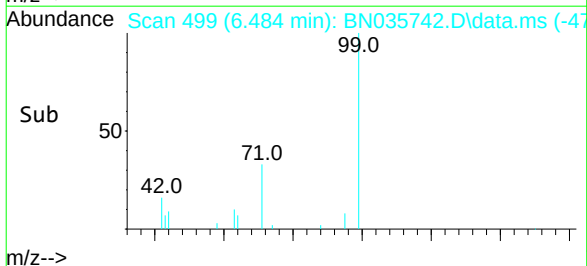
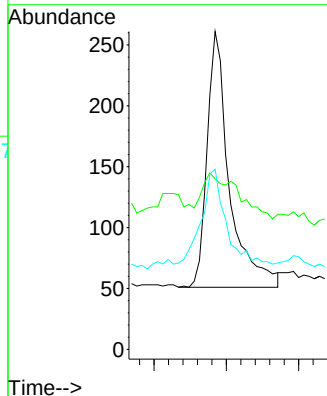
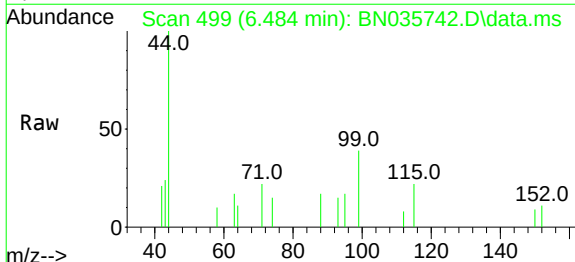
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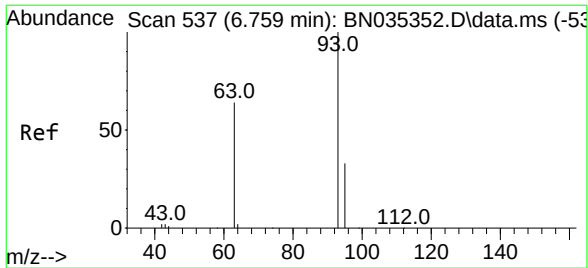
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.049 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18

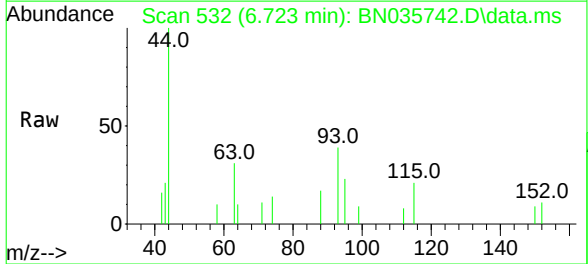
Tgt Ion:	99	Resp:	450
Ion	Ratio	Lower	Upper
99	100		
42	28.4	11.4	17.2#
71	44.2	29.3	43.9#





#6
bis(2-Chloroethyl)ether
Concen: 0.044 ng
RT: 6.723 min Scan# 53
Delta R.T. -0.007 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18

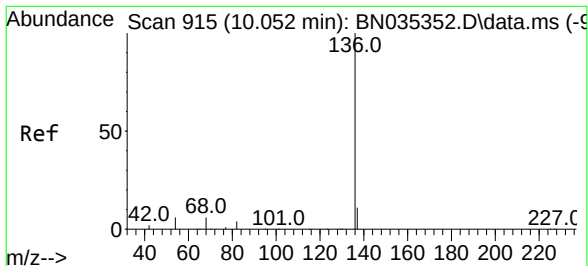
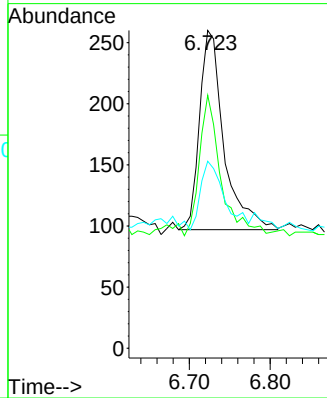
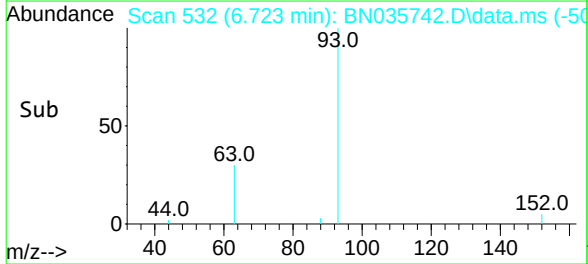
Instrument :
BNA_N
ClientSampleId :
RE114D1-20241212



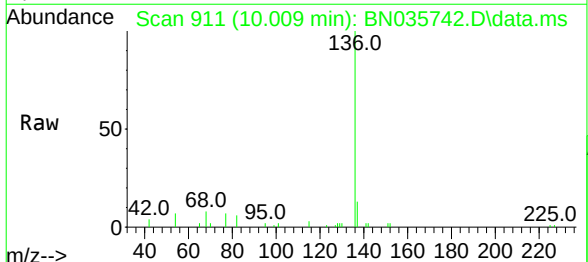
Tgt Ion:	93	Resp:	341
Ion	Ratio	Lower	Upper
93	100		
63	62.2	50.4	75.6
95	33.4	25.7	38.5

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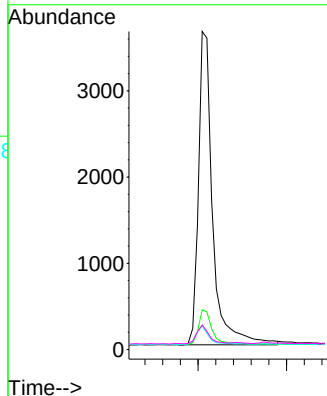
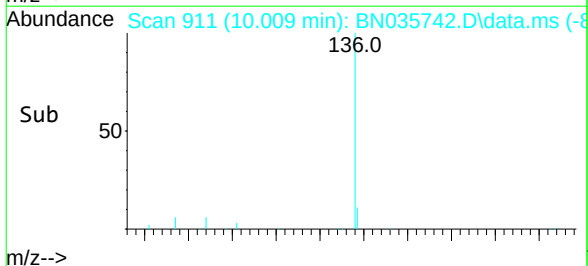
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

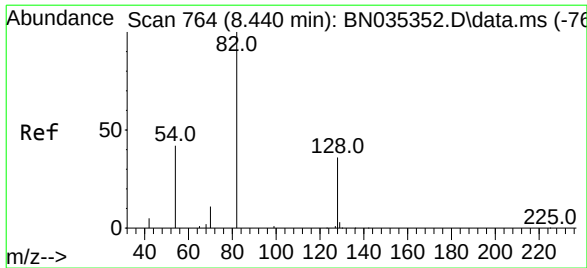


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18



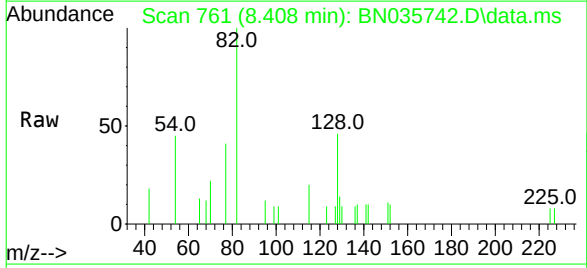
Tgt Ion:	136	Resp:	8100
Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.2	15.2
54	7.4	6.1	9.1
68	7.7	6.4	9.6





#8
 Nitrobenzene-d5
 Concen: 0.318 ng/ml
 RT: 8.408 min Scan# 764
 Delta R.T. -0.000 min
 Lab File: BN035742.D
 Acq: 20 Dec 2024 15:18

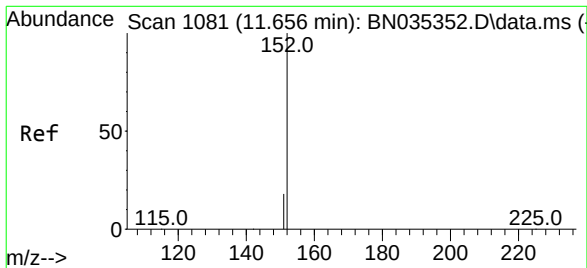
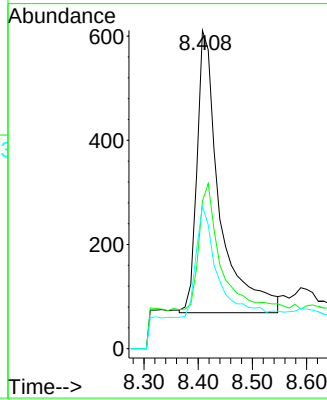
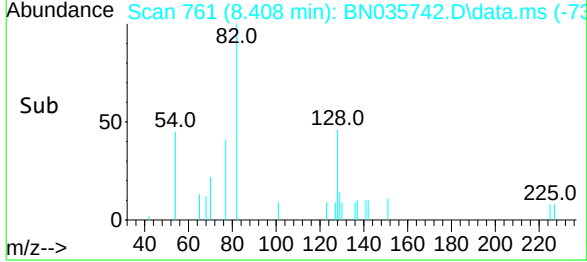
Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20241212



Tgt Ion: 82 Resp: 1575
 Ion Ratio Lower Upper
 82 100
 128 46.3 33.4 50.0
 54 44.7 36.7 55.1

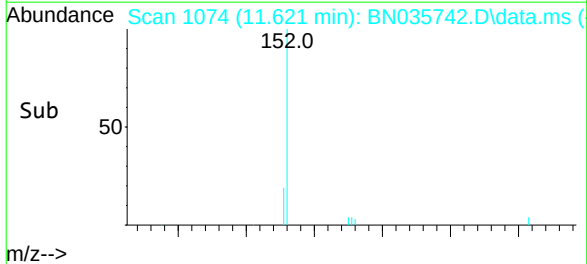
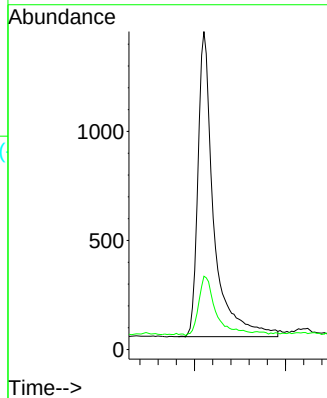
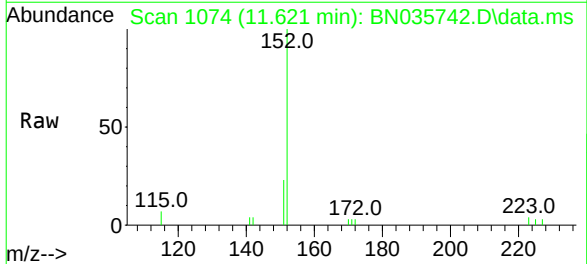
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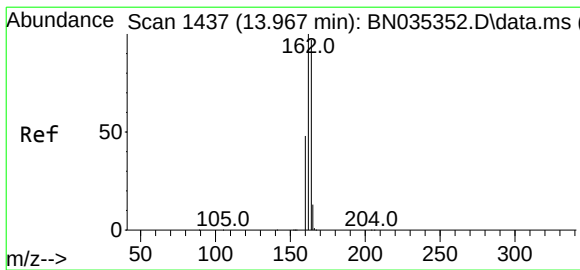
Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024



#11
 2-Methylnaphthalene-d10
 Concen: 0.267 ng/ml
 RT: 11.621 min Scan# 1074
 Delta R.T. -0.000 min
 Lab File: BN035742.D
 Acq: 20 Dec 2024 15:18

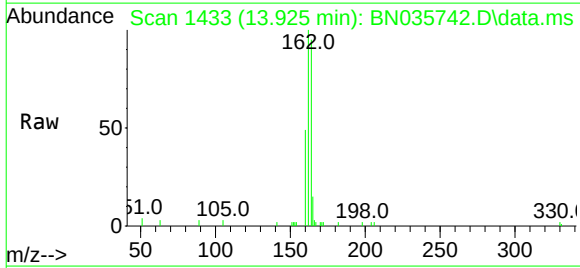
Tgt Ion:152 Resp: 3379
 Ion Ratio Lower Upper
 152 100
 151 21.4 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18

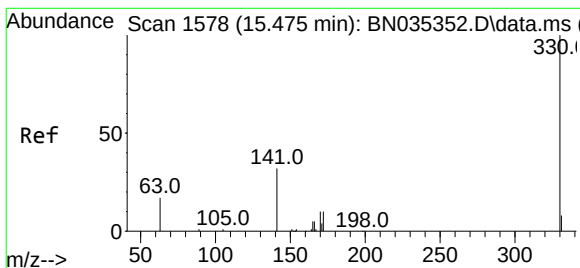
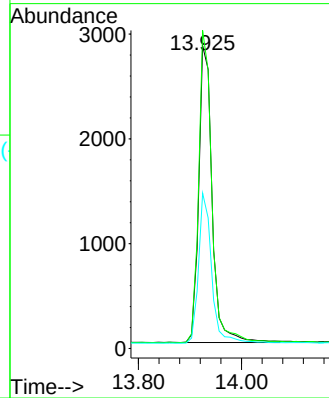
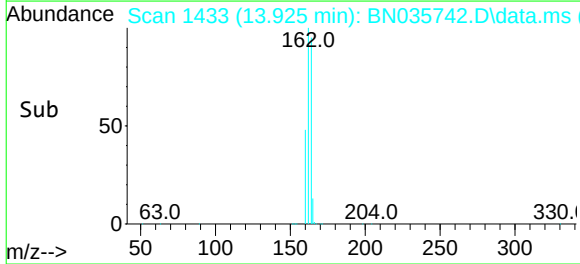
Instrument :
BNA_N
ClientSampleId :
RE114D1-20241212



Tgt Ion:164 Resp: 5112
Ion Ratio Lower Upper
164 100
162 105.1 82.2 123.2
160 51.3 40.1 60.1

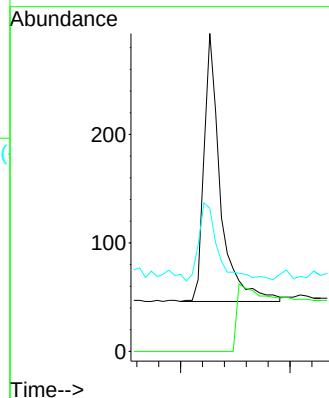
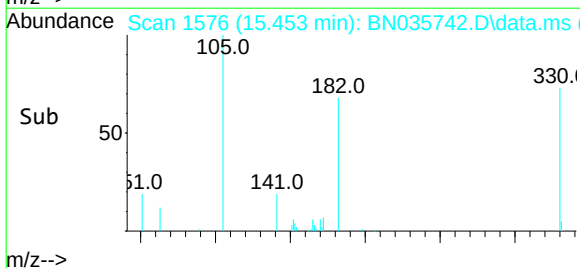
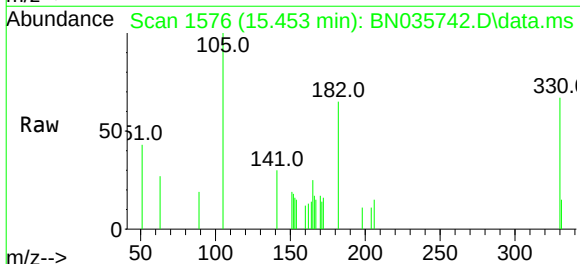
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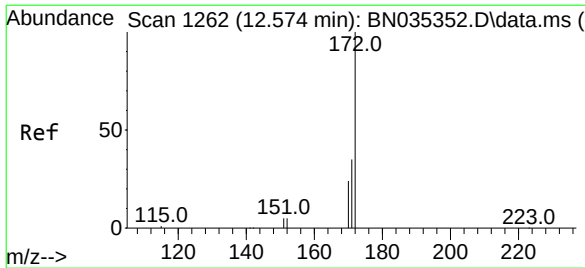
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#14
2,4,6-Tribromophenol
Concen: 0.149 ng
RT: 15.453 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18

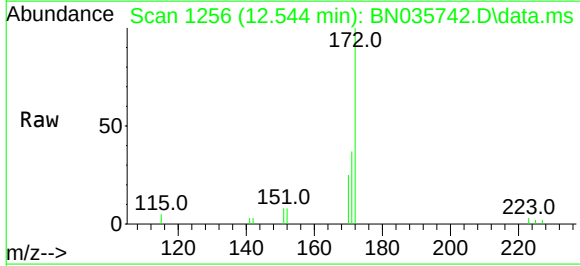
Tgt Ion:330 Resp: 542
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.9 26.6 40.0





#15
2-Fluorobiphenyl
Concen: 0.251 ng
RT: 12.544 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18

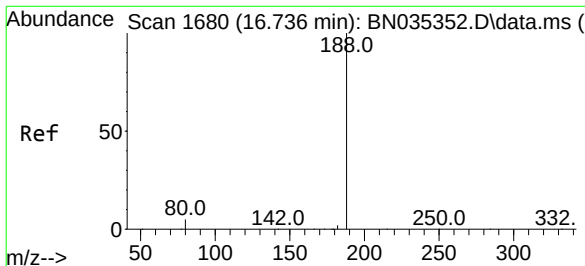
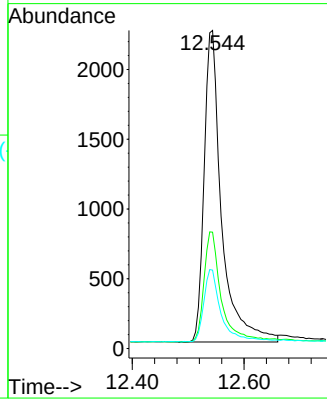
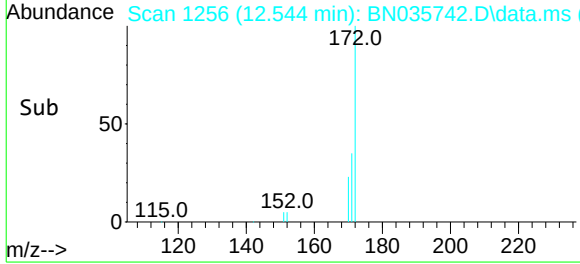
Instrument :
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Tgt Ion:172 Resp: 4845
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.6 19.8 29.8

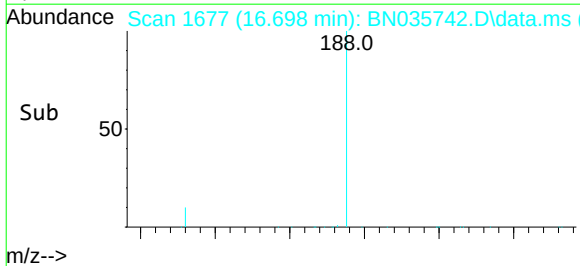
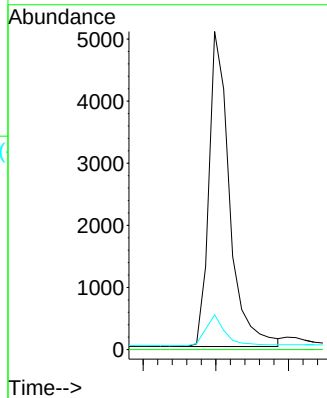
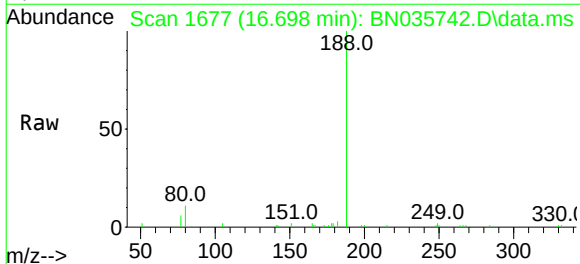
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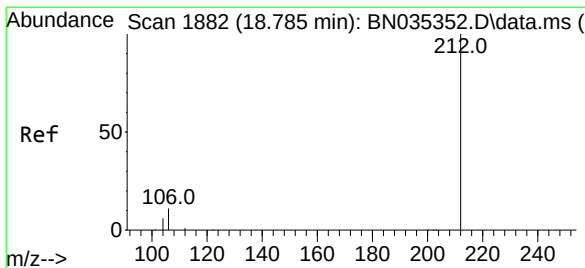
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18

Tgt Ion:188 Resp: 9978
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 4.6 6.8#





#27

Fluoranthene-d10

Concen: 0.329 ng

RT: 18.757 min Scan# 18

Delta R.T. -0.005 min

Lab File: BN035742.D

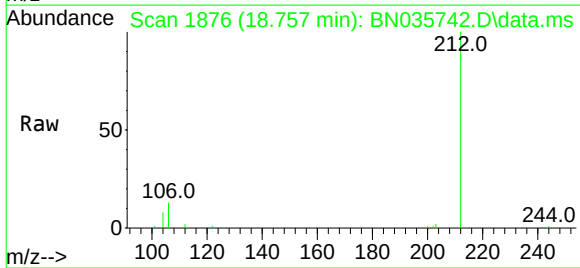
Acq: 20 Dec 2024 15:18

Instrument :

BNA_N

ClientSampleId :

RE114D1-20241212



Tgt Ion:212 Resp: 9298

Ion Ratio Lower Upper

212 100

106 11.4 9.2 13.8

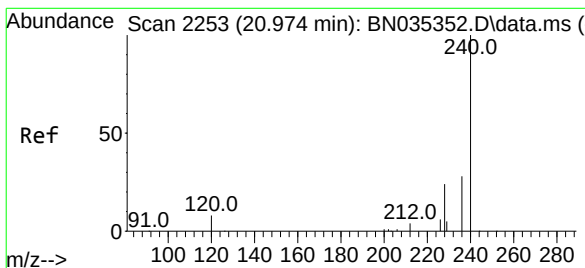
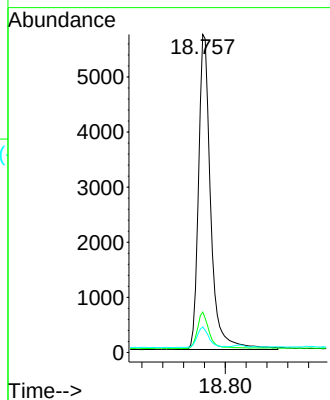
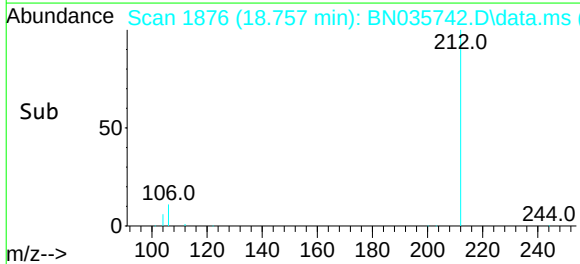
104 6.5 5.3 7.9

Manual Integrations

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#29

Chrysene-d12

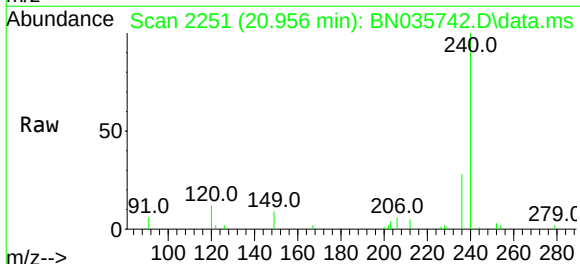
Concen: 0.400 ng

RT: 20.956 min Scan# 2251

Delta R.T. -0.000 min

Lab File: BN035742.D

Acq: 20 Dec 2024 15:18



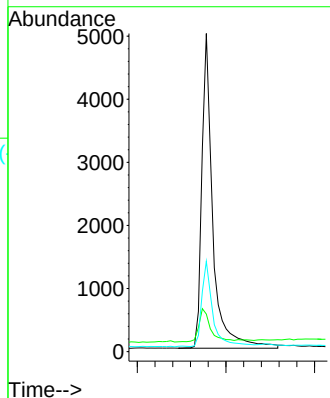
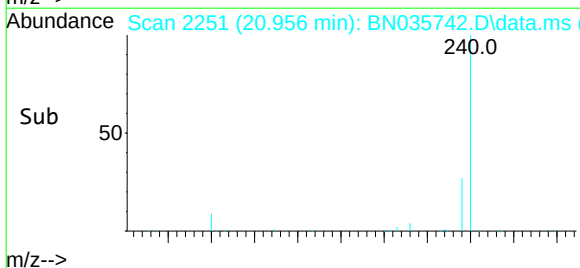
Tgt Ion:240 Resp: 8603

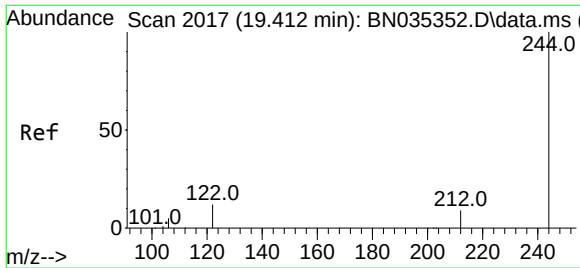
Ion Ratio Lower Upper

240 100

120 11.8 7.9 11.9

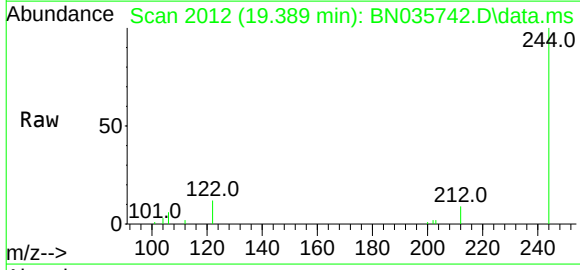
236 28.4 22.9 34.3





#31
 Terphenyl-d14
 Concen: 0.428 ng
 RT: 19.389 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: BN035742.D
 Acq: 20 Dec 2024 15:18

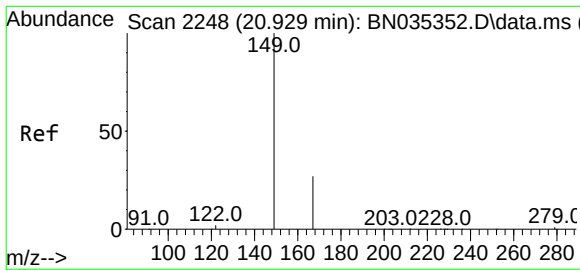
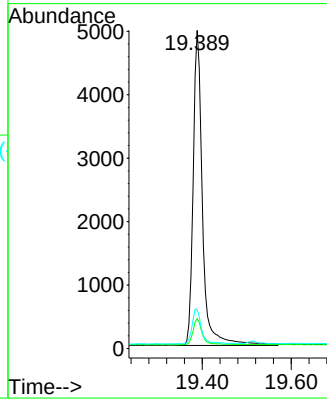
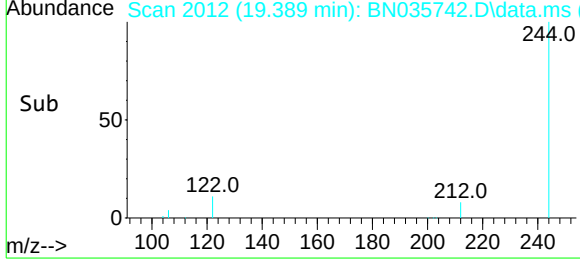
Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20241212



Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.4	8.1	12.1
122	12.4	10.3	15.5

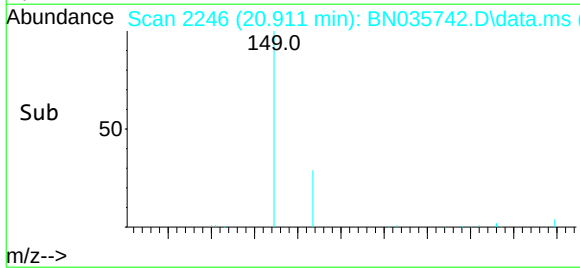
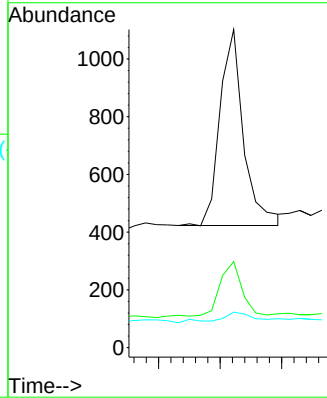
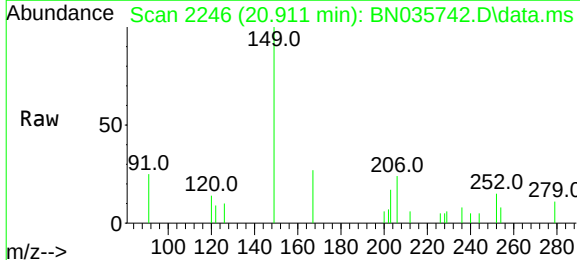
Manual Integrations
 APPROVED

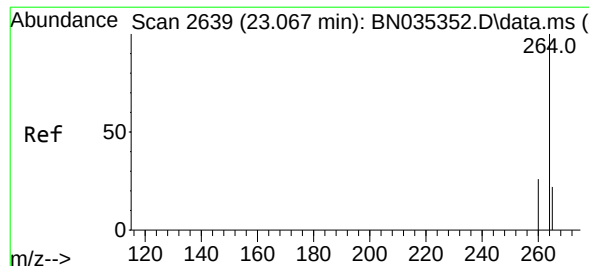
Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.076 ng
 RT: 20.911 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BN035742.D
 Acq: 20 Dec 2024 15:18

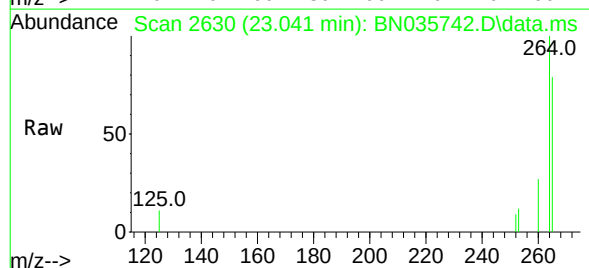
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.8	22.2	33.4
279	7.8	2.7	4.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.041 min Scan# 26
Delta R.T. -0.000 min
Lab File: BN035742.D
Acq: 20 Dec 2024 15:18

Instrument :
BNA_N
ClientSampleId :
RE114D1-20241212



Tgt Ion:	264	Resp:	8488
Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.4	32.2
265	78.9	40.2	60.4

Manual Integrations
APPROVED

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

