

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035725.D
 Acq On : 20 Dec 2024 03:46
 Operator : RC/JU
 Sample : P5261-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20241210

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 04:19:26 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	2841	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	7711	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	5101	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	10162	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	8945	0.400	ng	# 0.00
35) Perylene-d12	23.041	264	9224	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	835	0.117	ng	0.00
5) Phenol-d6	6.499	99	460	0.054	ng	0.00
8) Nitrobenzene-d5	8.418	82	1758m	0.373	ng	0.01
11) 2-Methylnaphthalene-d10	11.626	152	4240	0.351	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	631	0.174	ng	0.00
15) 2-Fluorobiphenyl	12.544	172	6139	0.318	ng	0.00
27) Fluoranthene-d10	18.761	212	11262	0.391	ng	0.00
31) Terphenyl-d14	19.389	244	9790	0.555	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.982	88	5712	2.103	ng	99
34) Bis(2-ethylhexyl)phtha...	20.911	149	780	0.063	ng	# 93

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

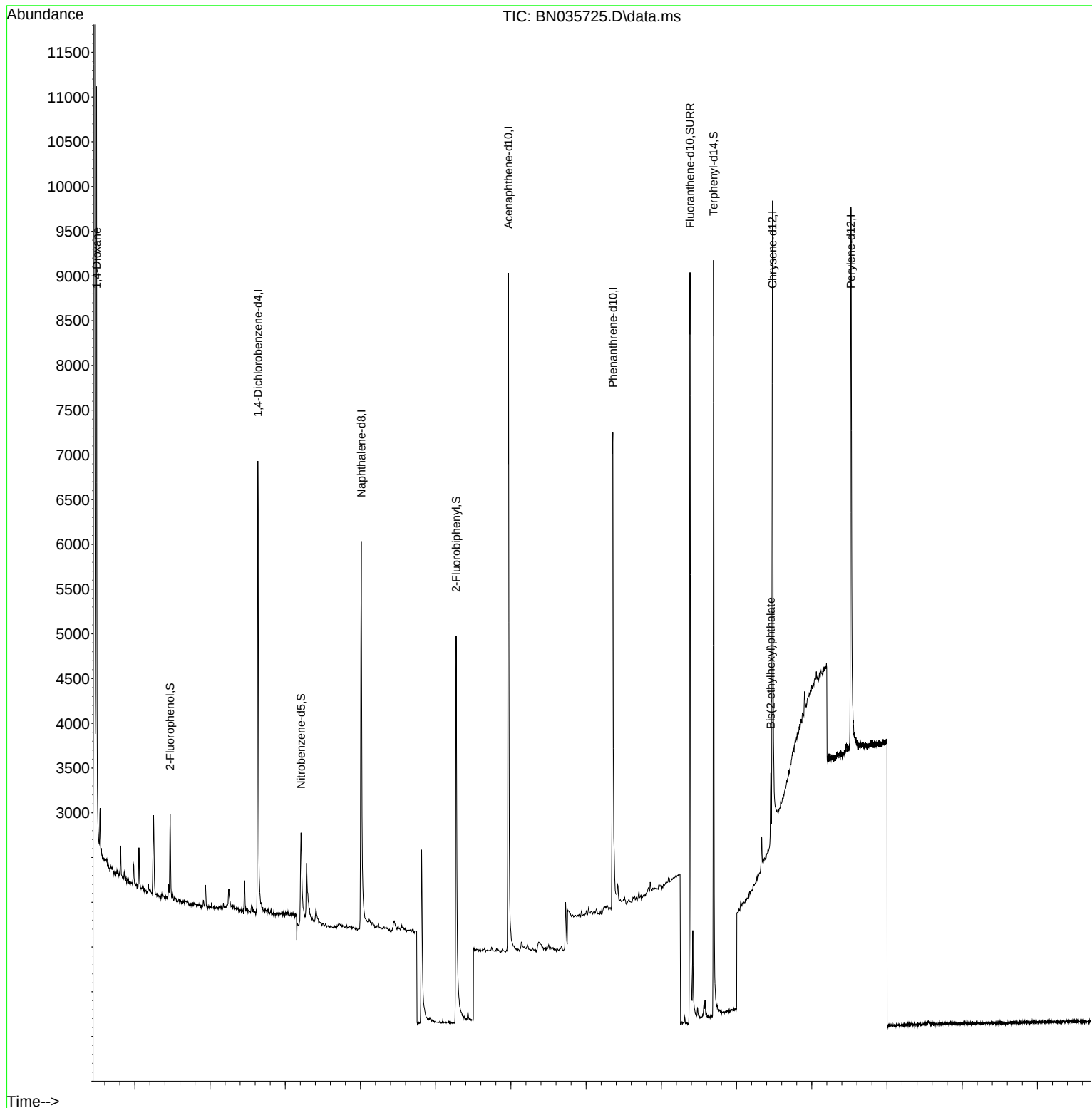
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035725.D
Acq On : 20 Dec 2024 03:46
Operator : RC/JU
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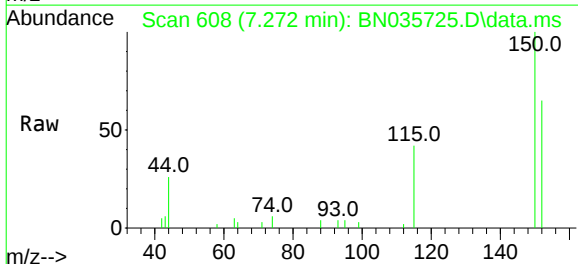
Quant Time: Dec 20 04:19:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN035725.D
Acq: 20 Dec 2024 03:46

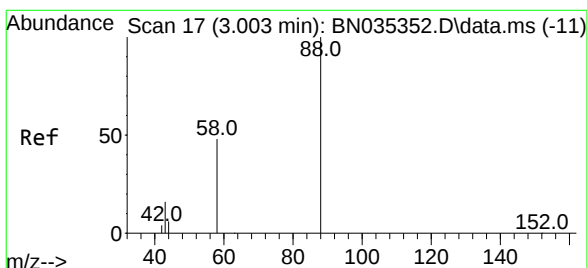
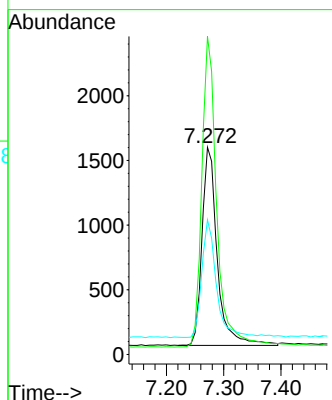
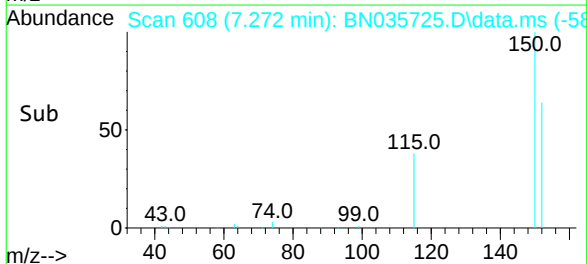
Instrument :
BNA_N
ClientSampleId :
RE125D3-20241210



Tgt Ion: 152 Resp: 2841
Ion Ratio Lower Upper
152 100
150 153.5 124.0 186.0
115 65.0 49.6 74.4

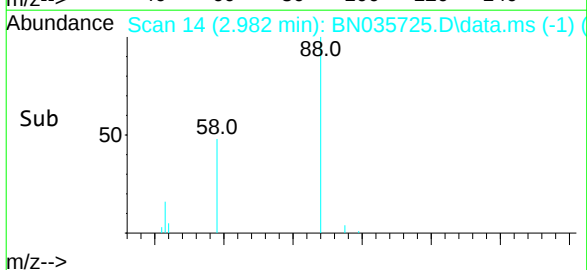
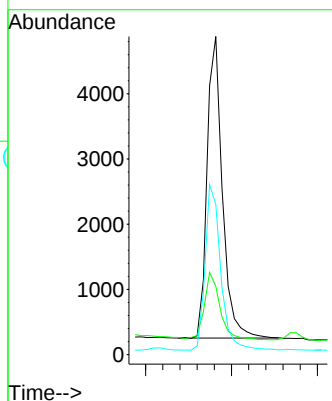
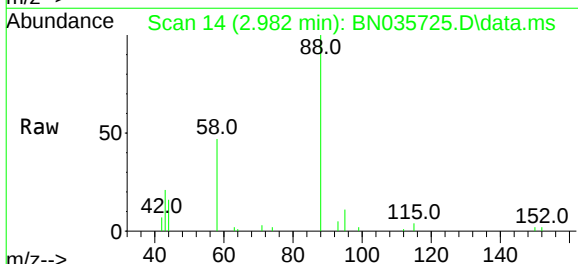
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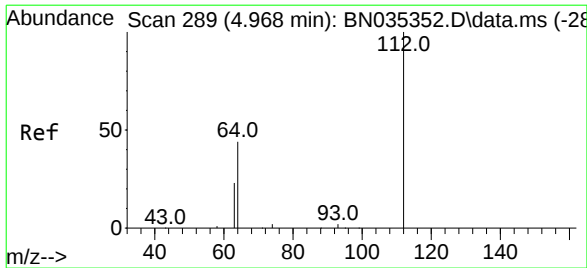
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#2
1,4-Dioxane
Concen: 2.103 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035725.D
Acq: 20 Dec 2024 03:46

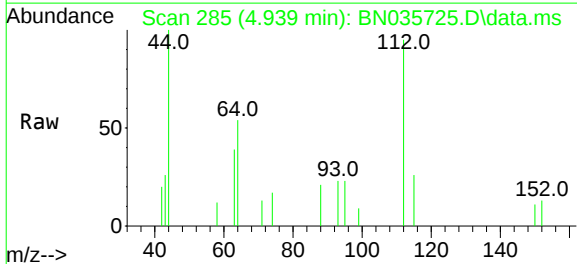
Tgt Ion: 88 Resp: 5712
Ion Ratio Lower Upper
88 100
43 22.8 17.2 25.8
58 56.0 44.5 66.7





#4
2-Fluorophenol
Concen: 0.117 ng
RT: 4.939 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN035725.D
Acq: 20 Dec 2024 03:46

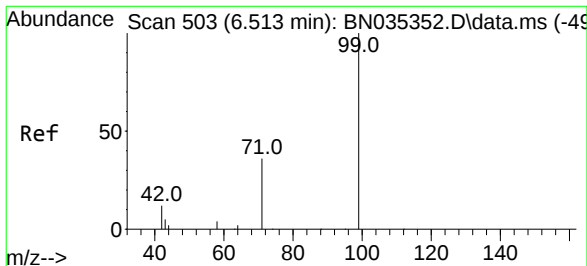
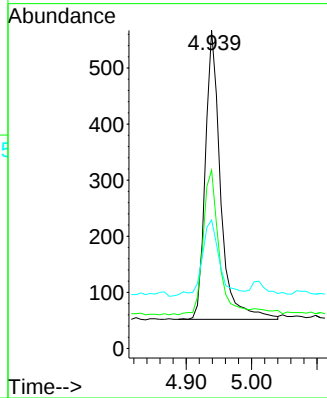
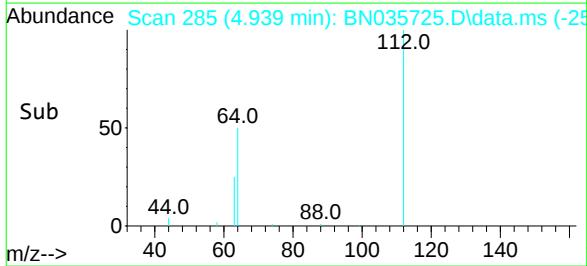
Instrument :
BNA_N
ClientSampleId :
RE125D3-20241210



Tgt Ion: 112 Resp: 835
Ion Ratio Lower Upper
112 100
64 51.6 39.8 59.8
63 29.6 21.0 31.6

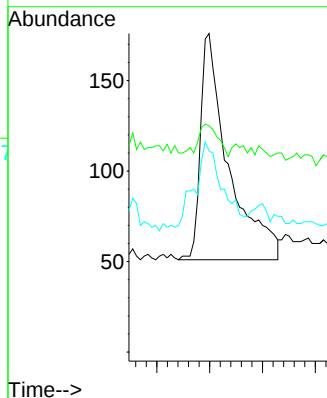
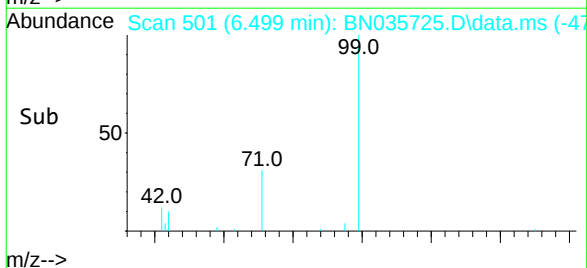
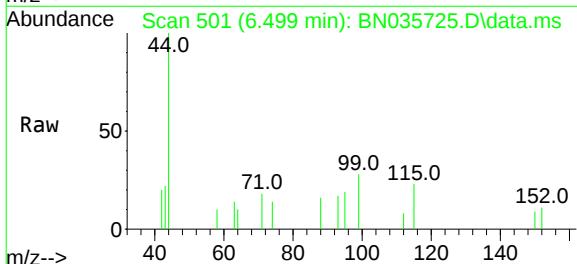
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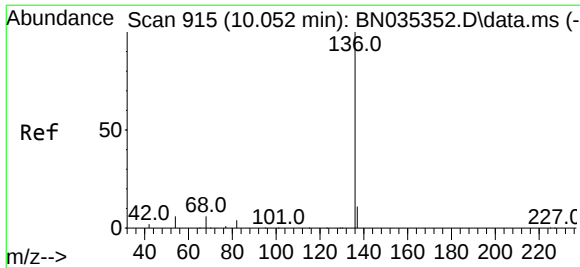
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.054 ng
RT: 6.499 min Scan# 501
Delta R.T. 0.007 min
Lab File: BN035725.D
Acq: 20 Dec 2024 03:46

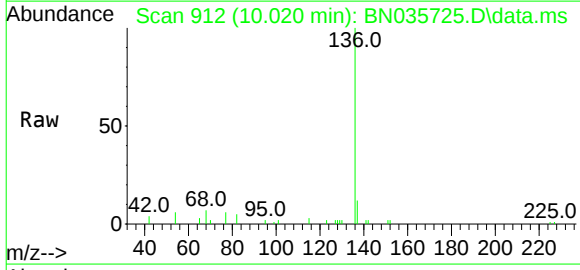
Tgt Ion: 99 Resp: 460
Ion Ratio Lower Upper
99 100
42 10.2 11.4 17.2#
71 36.7 29.3 43.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035725.D
Acq: 20 Dec 2024 03:46

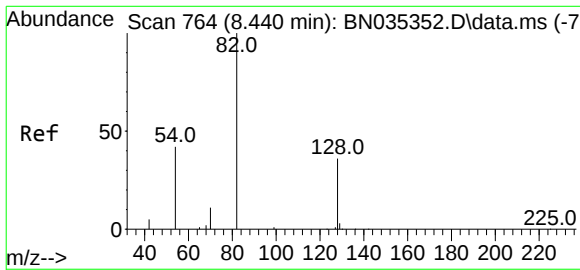
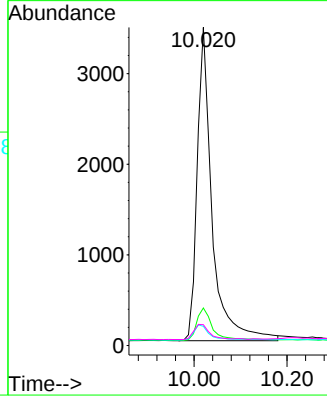
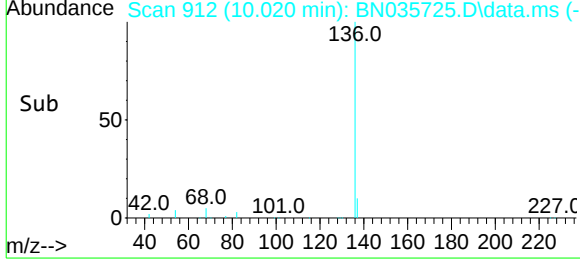
Instrument :
BNA_N
ClientSampleId :
RE125D3-20241210



Tgt Ion:	136	Resp:	7711
Ion	Ratio	Lower	Upper
136	100		
137	11.8	10.2	15.2
54	6.0	6.1	9.1
68	6.6	6.4	9.6

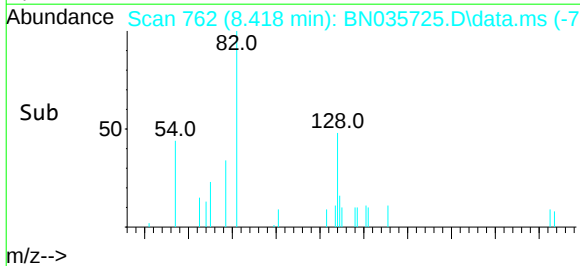
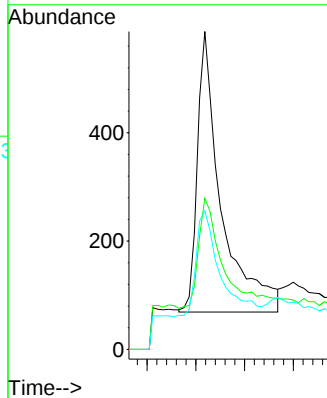
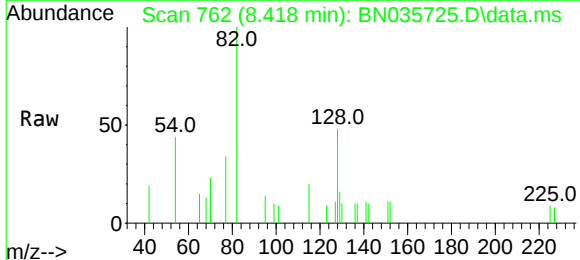
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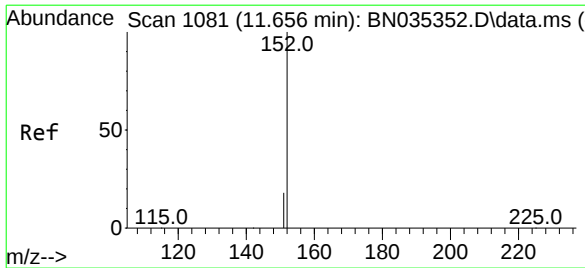
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#8
Nitrobenzene-d5
Concen: 0.373 ng m
RT: 8.418 min Scan# 762
Delta R.T. 0.011 min
Lab File: BN035725.D
Acq: 20 Dec 2024 03:46

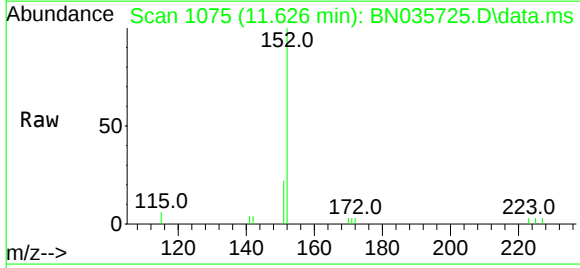
Tgt Ion:	82	Resp:	1758
Ion	Ratio	Lower	Upper
82	100		
128	47.5	33.4	50.0
54	43.6	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 11.626 min Scan# 1075
Delta R.T. 0.005 min
Lab File: BN035725.D
Acq: 20 Dec 2024 03:46

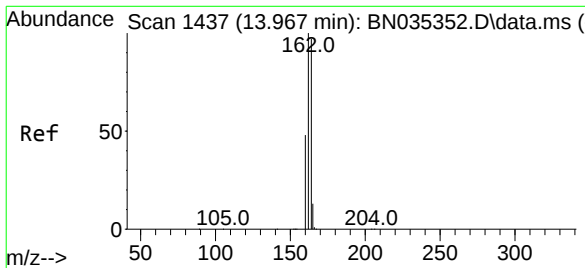
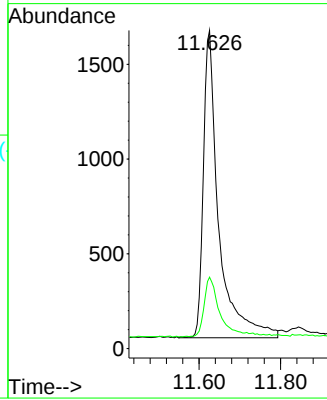
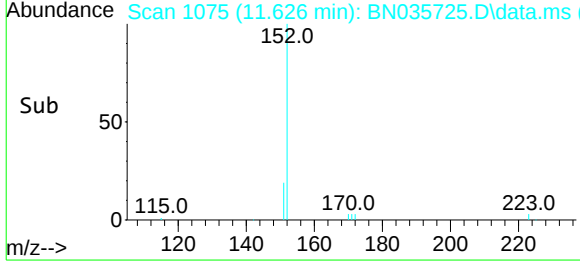
Instrument :
BNA_N
ClientSampleId :
RE125D3-20241210



Tgt Ion:152 Resp: 4240
Ion Ratio Lower Upper
152 100
151 19.8 16.6 25.0

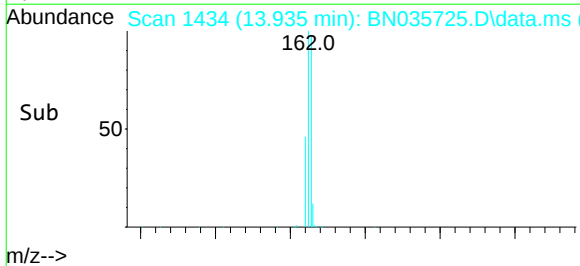
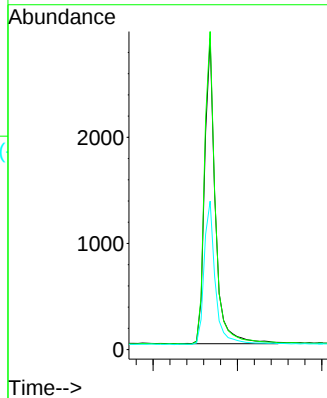
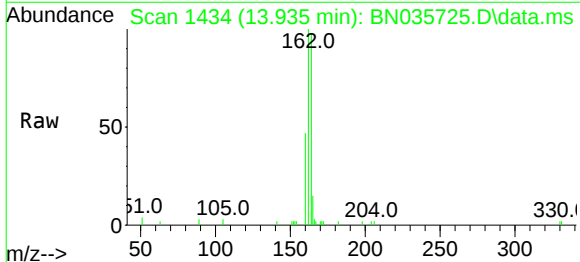
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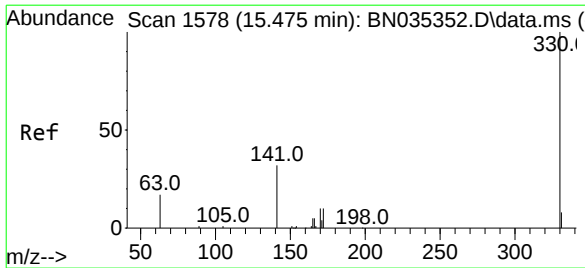
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Supervised By :mohammad ahmed 12/24/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035725.D
Acq: 20 Dec 2024 03:46

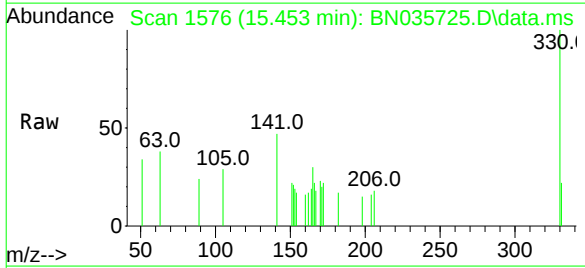
Tgt Ion:164 Resp: 5101
Ion Ratio Lower Upper
164 100
162 102.3 82.2 123.2
160 47.7 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.174 ng
RT: 15.453 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN035725.D
Acq: 20 Dec 2024 03:46

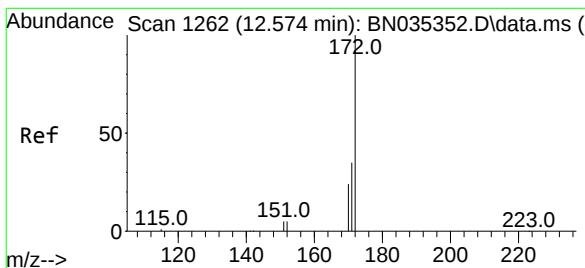
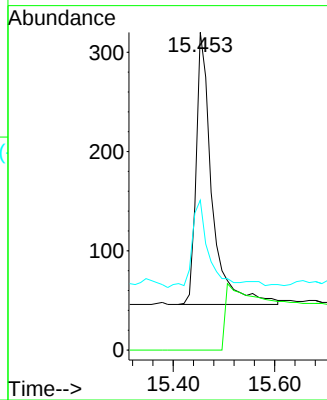
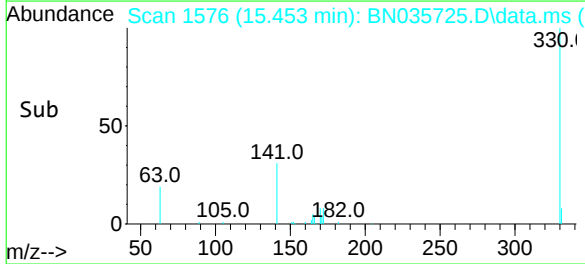
Instrument :
BNA_N
ClientSampleId :
RE125D3-20241210



Tgt Ion:	330	Resp:	631
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.7	26.6	40.0

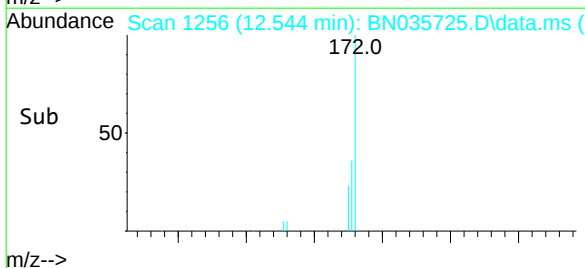
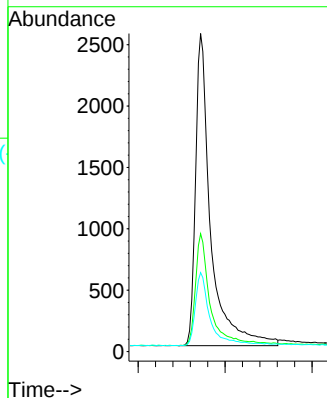
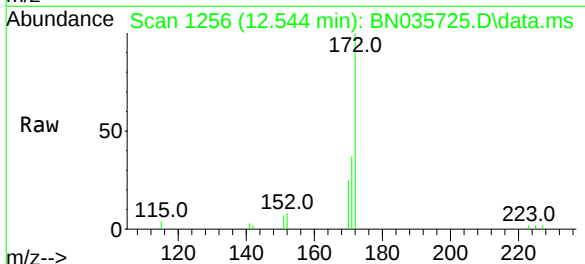
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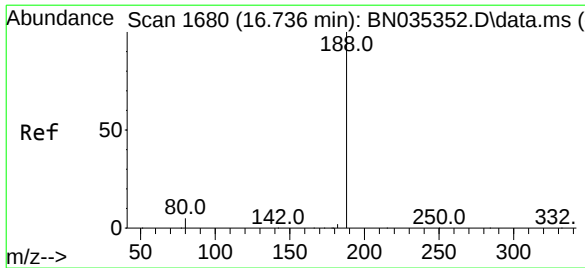
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.544 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BN035725.D
Acq: 20 Dec 2024 03:46

Tgt Ion:	172	Resp:	6139
Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.0	43.4
170	24.8	19.8	29.8





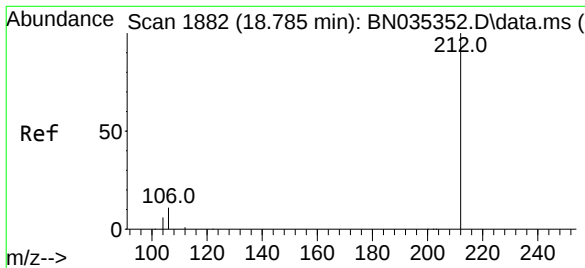
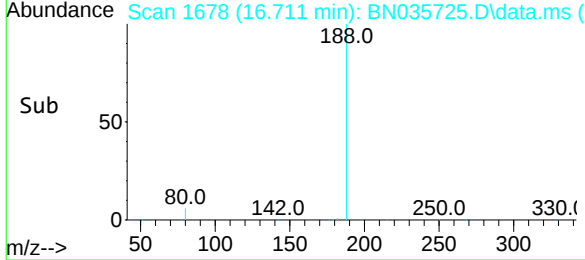
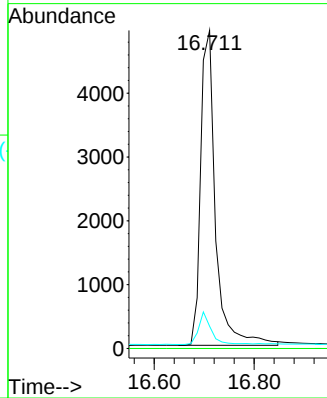
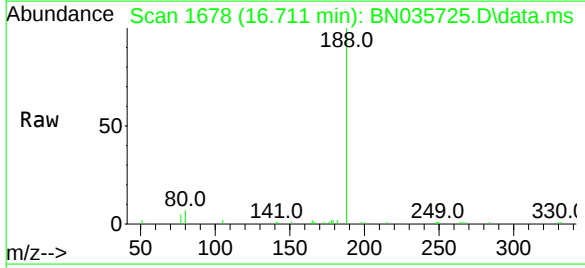
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.711 min Scan# 16
Delta R.T. 0.012 min
Lab File: BN035725.D
Acq: 20 Dec 2024 03:46

Instrument :
BNA_N
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RE125D3-20241210

Tgt Ion:188 Resp: 10162
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 4.6 6.8#

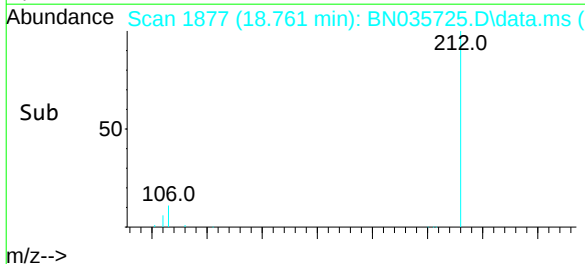
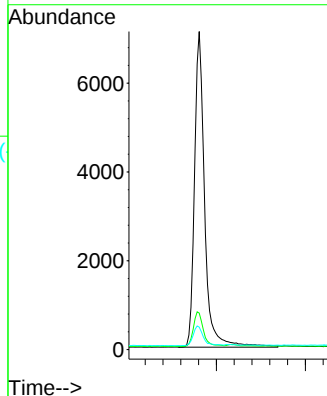
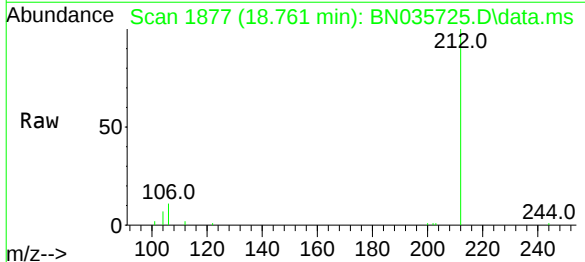
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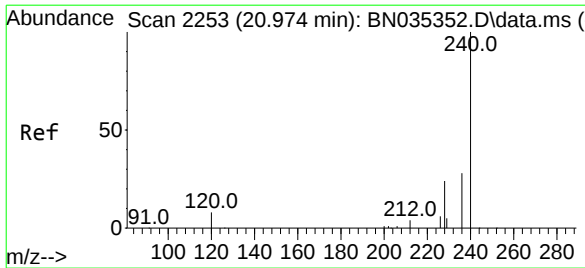
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Fluoranthene-d10
Concen: 0.391 ng
RT: 18.761 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN035725.D
Acq: 20 Dec 2024 03:46

Tgt Ion:212 Resp: 11262
Ion Ratio Lower Upper
212 100
106 10.8 9.2 13.8
104 6.1 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: BN035725.D

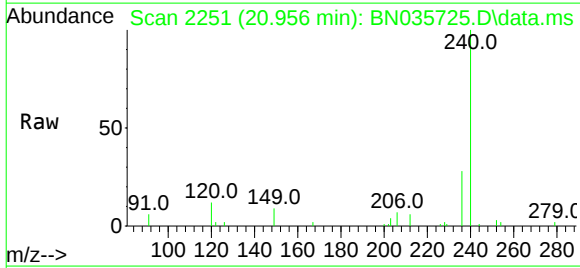
Acq: 20 Dec 2024 03:46

Instrument :

BNA_N

ClientSampleId :

RE125D3-20241210



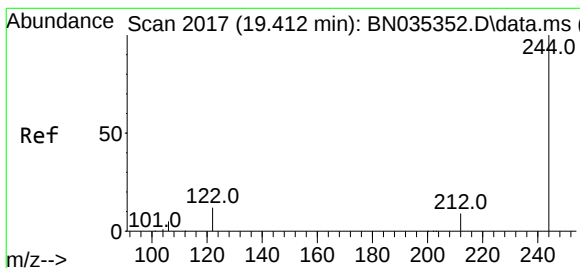
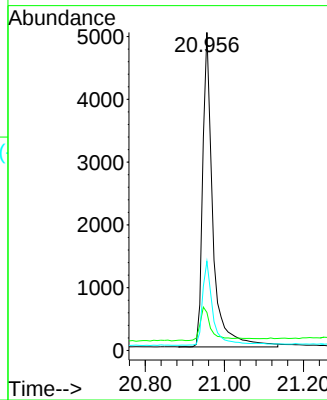
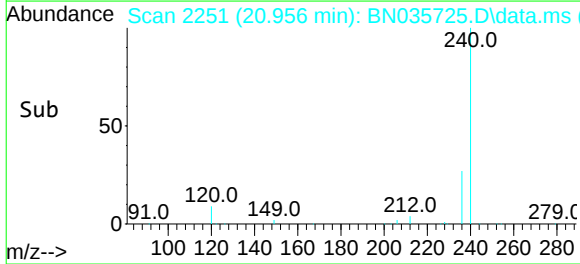
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	7.9	11.9
236	28.0	22.9	34.3

Manual Integrations

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Supervised By :mohammad ahmed 12/24/2024



#31

Terphenyl-d14

Concen: 0.555 ng

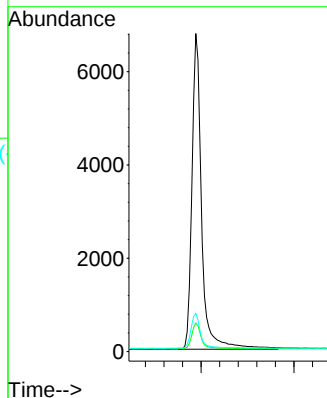
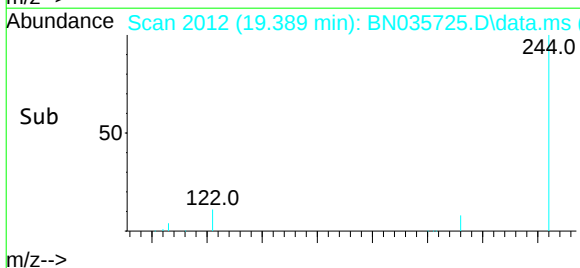
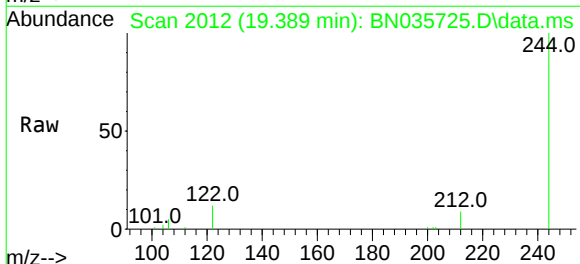
RT: 19.389 min Scan# 2012

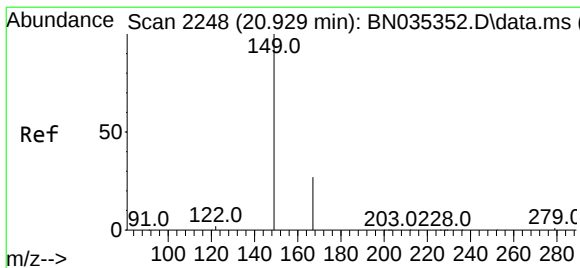
Delta R.T. -0.000 min

Lab File: BN035725.D

Acq: 20 Dec 2024 03:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	8.1	12.1
122	12.0	10.3	15.5





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.063 ng

RT: 20.911 min Scan# 2248

Delta R.T. -0.000 min

Lab File: BN035725.D

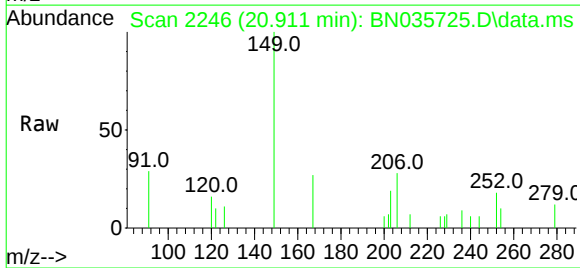
Acq: 20 Dec 2024 03:46

Instrument :

BNA_N

ClientSampleId :

RE125D3-20241210



Tgt Ion:149 Resp: 780

Ion Ratio Lower Upper

149 100

167 24.2 22.2 33.4

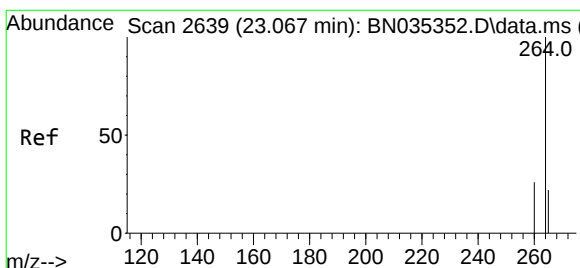
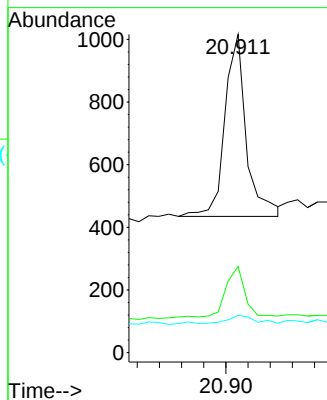
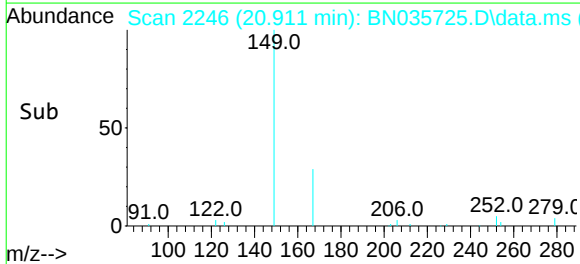
279 5.4 2.7 4.1#

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: BN035725.D

Acq: 20 Dec 2024 03:46

Tgt Ion:264 Resp: 9224

Ion Ratio Lower Upper

264 100

260 26.6 21.4 32.2

265 73.5 40.2 60.4#

