

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035753.D
 Acq On : 20 Dec 2024 21:57
 Operator : RC/JU
 Sample : P5261-15DL 2X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20241210DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 21 01:44:02 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	2749	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	7061	0.400	ng	0.00
13) Acenaphthene-d10	13.925	164	4840	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9691	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	8202	0.400	ng	0.00
35) Perylene-d12	23.041	264	8127	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	429	0.062	ng	0.00
5) Phenol-d6	6.492	99	230	0.028	ng	0.00
8) Nitrobenzene-d5	8.418	82	789m	0.183	ng	0.01
11) 2-Methylnaphthalene-d10	11.626	152	1937	0.175	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	328	0.095	ng	0.00
15) 2-Fluorobiphenyl	12.539	172	2904	0.159	ng	0.00
27) Fluoranthene-d10	18.761	212	5683	0.207	ng	0.00
31) Terphenyl-d14	19.389	244	5035	0.311	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.974	88	10381	3.950	ng	99
34) Bis(2-ethylhexyl)phtha...	20.902	149	3241	0.286	ng	97

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

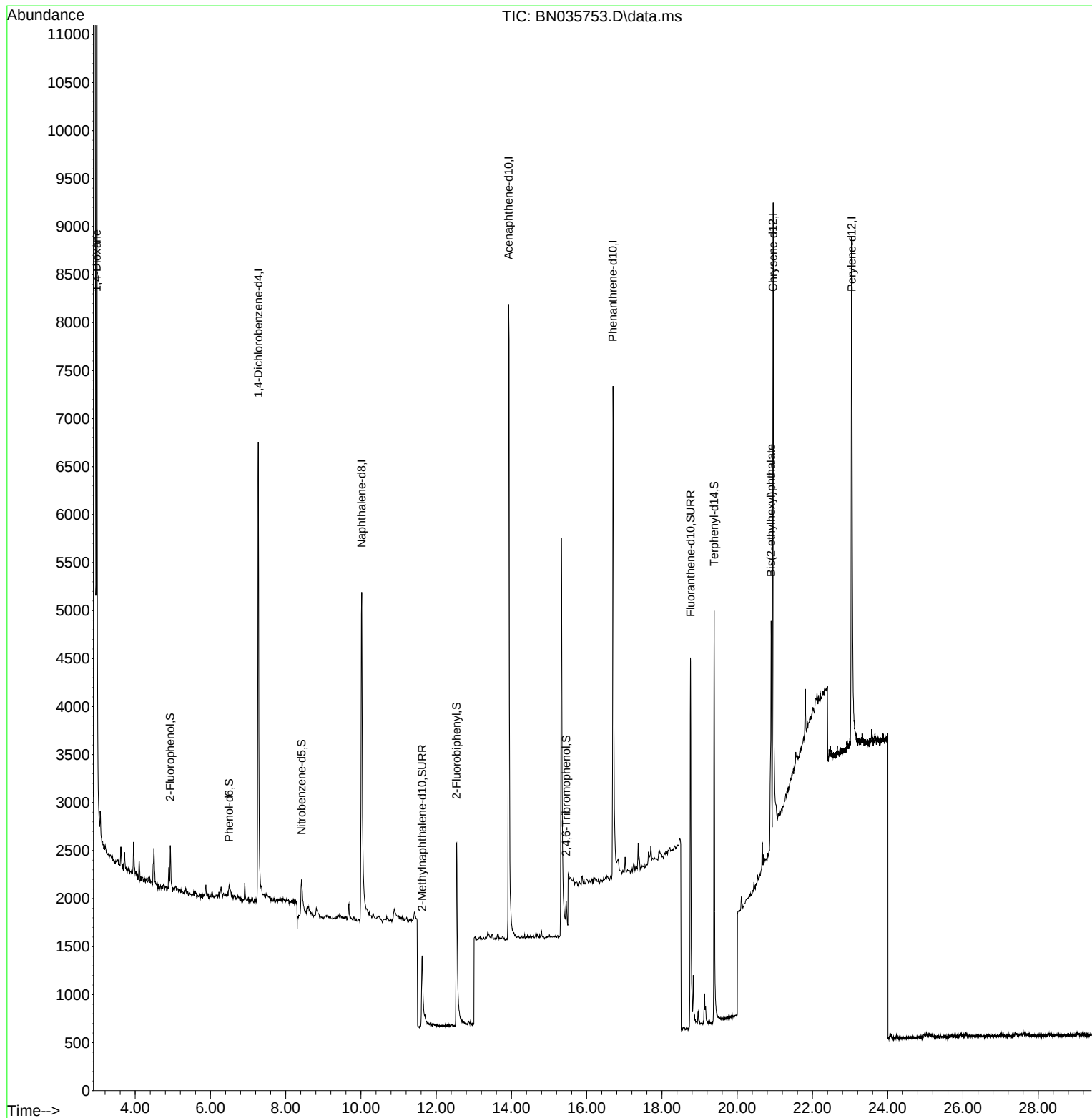
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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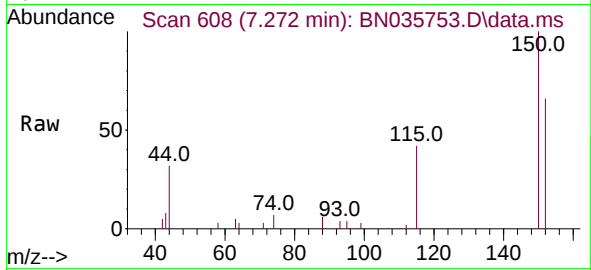
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.272 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN035753.D
 Acq: 20 Dec 2024 21:57

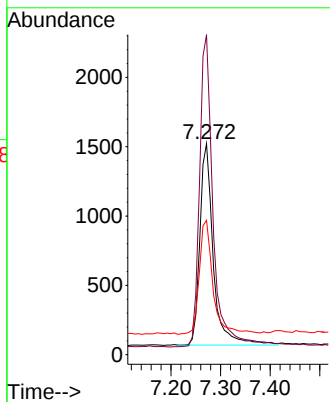
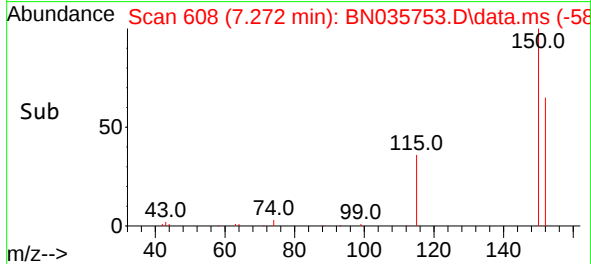
Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20241210DL



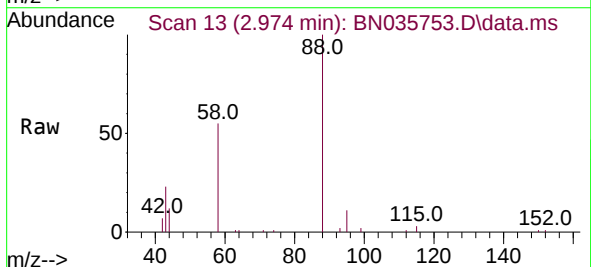
Tgt Ion:152 Resp: 2749
 Ion Ratio Lower Upper
 152 100
 150 151.6 124.0 186.0
 115 63.7 49.6 74.4

Manual Integrations
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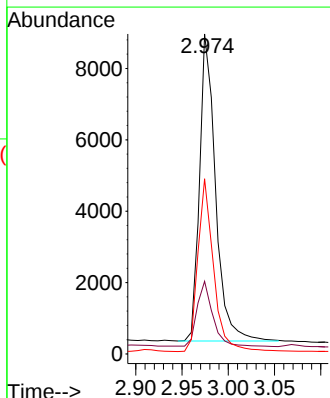
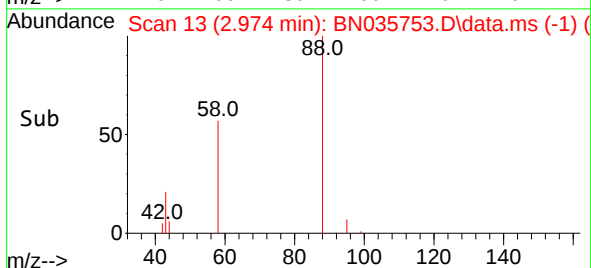
Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024



#2
 1,4-Dioxane
 Concen: 3.950 ng
 RT: 2.974 min Scan# 13
 Delta R.T. -0.007 min
 Lab File: BN035753.D
 Acq: 20 Dec 2024 21:57



Tgt Ion: 88 Resp: 10381
 Ion Ratio Lower Upper
 88 100
 43 21.0 17.2 25.8
 58 55.2 44.5 66.7





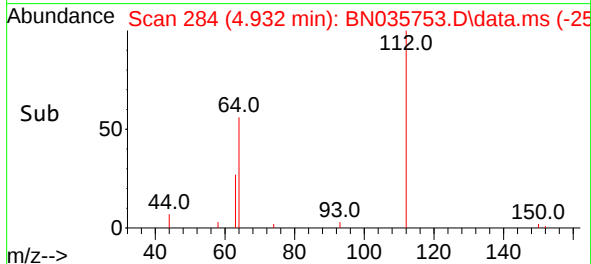
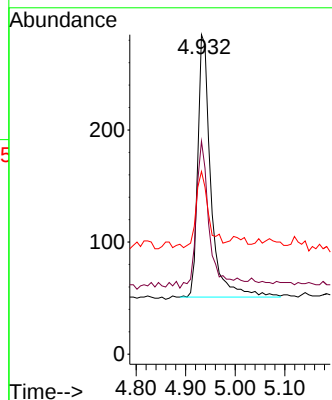
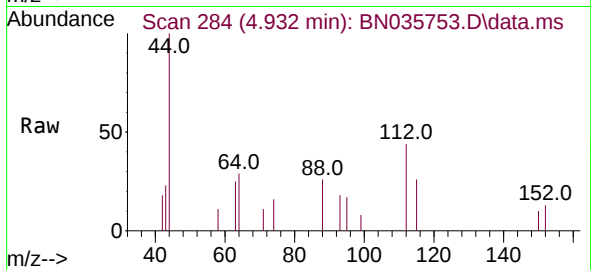
#4
2-Fluorophenol
Concen: 0.062 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035753.D
Acq: 20 Dec 2024 21:57

Instrument :
BNA_N
ClientSampleId :
RE125D2-20241210DL

Tgt Ion:112 Resp: 429
Ion Ratio Lower Upper
112 100
64 54.5 39.8 59.8
63 27.5 21.0 31.6

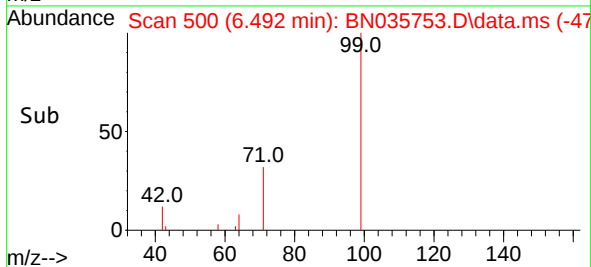
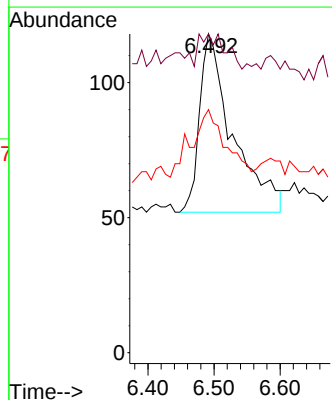
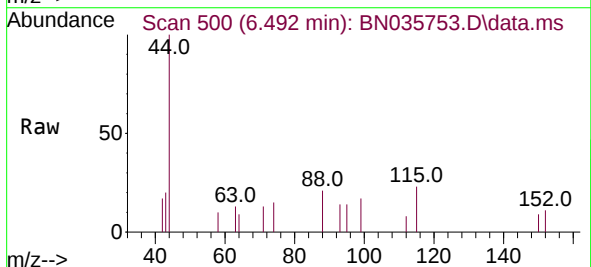
Manual Integrations
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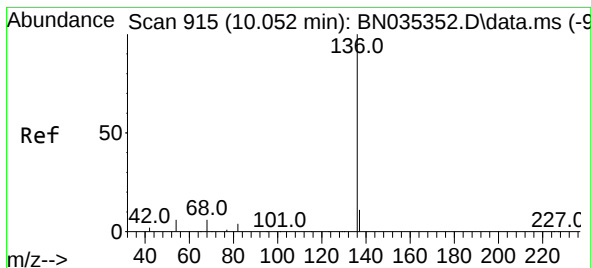
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.028 ng
RT: 6.492 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035753.D
Acq: 20 Dec 2024 21:57

Tgt Ion: 99 Resp: 230
Ion Ratio Lower Upper
99 100
42 20.9 11.4 17.2#
71 40.0 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: BN035753.D

Acq: 20 Dec 2024 21:57

Instrument :

BNA_N

ClientSampleId :

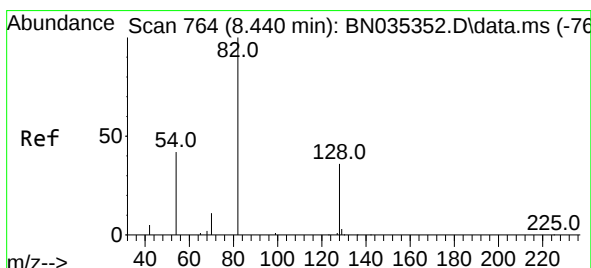
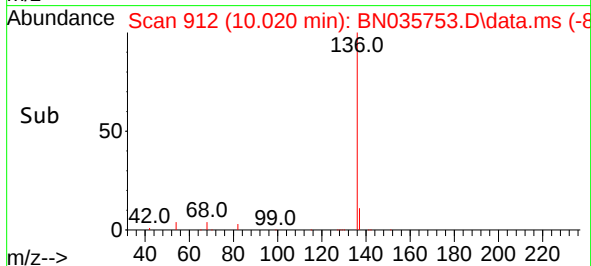
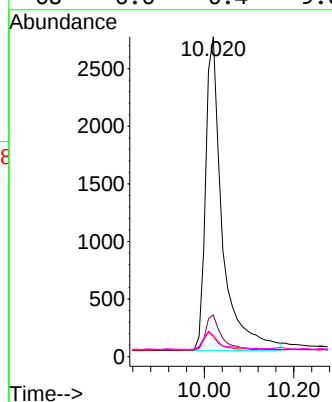
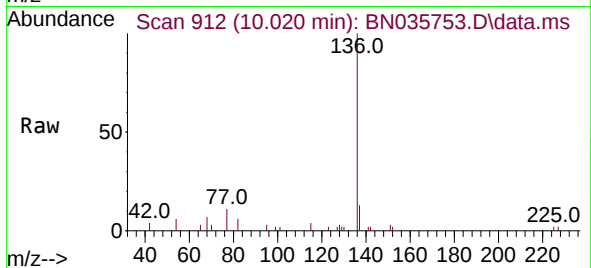
RE125D2-20241210DL

Tgt Ion:	136	Resp:	706
Ion	Ratio	Lower	Upper
136	100		
137	13.1	10.2	15.2
54	6.4	6.1	9.1
68	6.6	6.4	9.6

Manual Integrations

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Supervised By :mohammad ahmed 12/24/2024



#8

Nitrobenzene-d5

Concen: 0.183 ng m

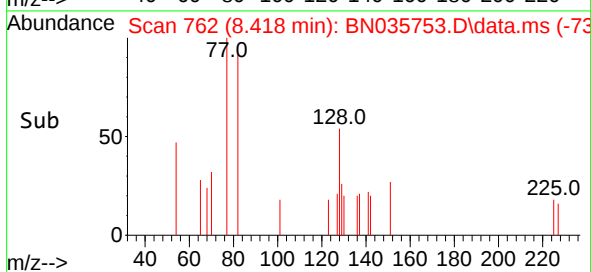
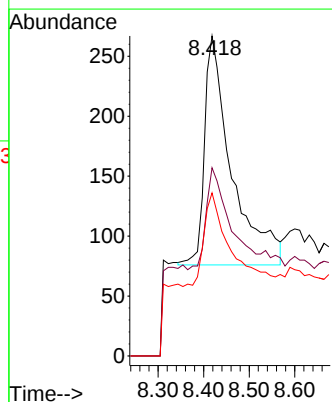
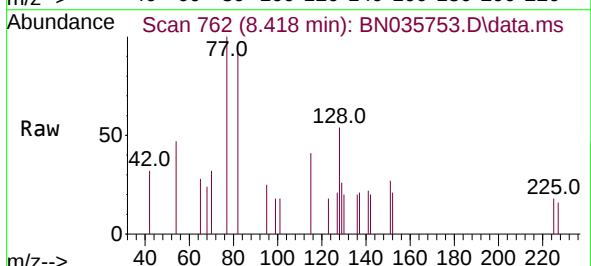
RT: 8.418 min Scan# 762

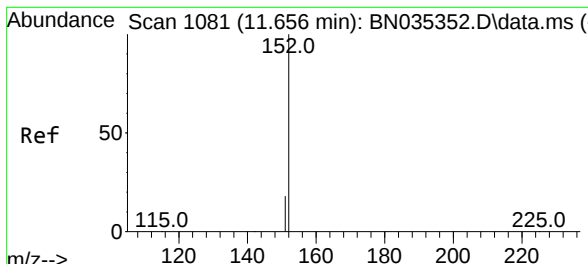
Delta R.T. 0.011 min

Lab File: BN035753.D

Acq: 20 Dec 2024 21:57

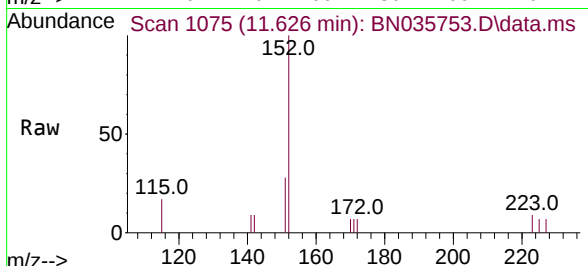
Tgt Ion:	82	Resp:	789
Ion	Ratio	Lower	Upper
82	100		
128	58.8	33.4	50.0#
54	50.9	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.175 ng
RT: 11.626 min Scan# 1081
Delta R.T. 0.005 min
Lab File: BN035753.D
Acq: 20 Dec 2024 21:57

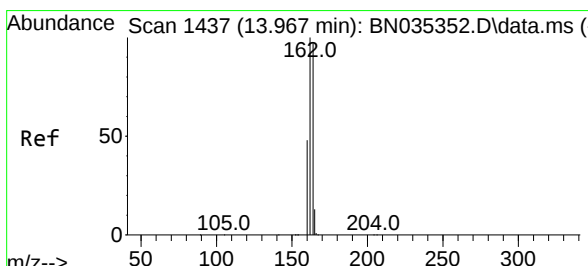
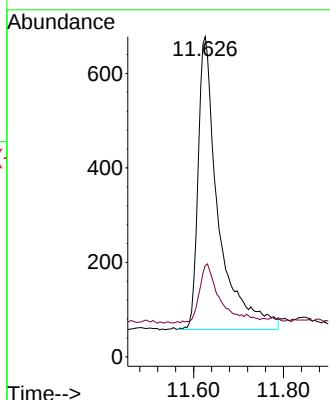
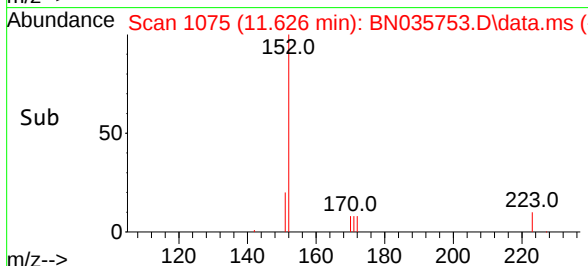
Instrument :
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ClientSampleId :
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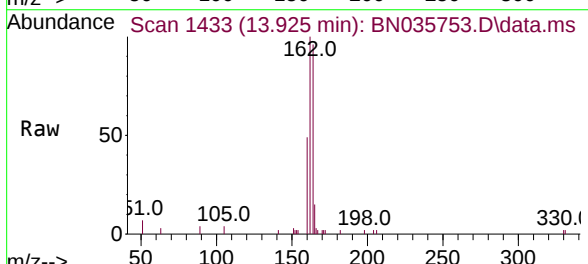
Tgt Ion:152 Resp: 193
Ion Ratio Lower Upper
152 100
151 19.3 16.6 25.0

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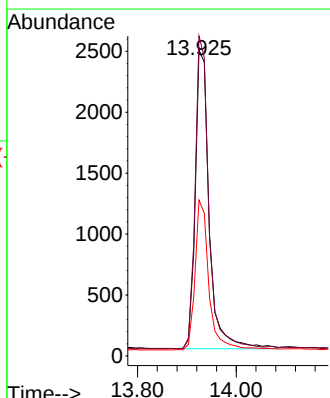
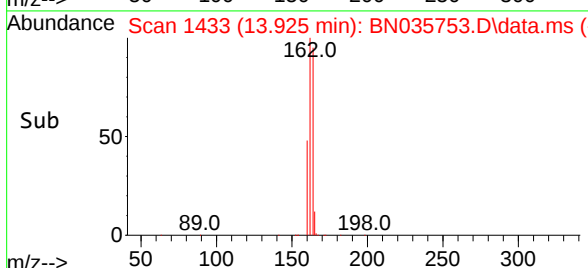
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035753.D
Acq: 20 Dec 2024 21:57



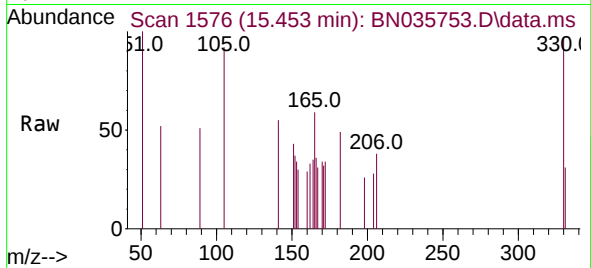
Tgt Ion:164 Resp: 4840
Ion Ratio Lower Upper
164 100
162 104.6 82.2 123.2
160 50.9 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.095 ng
RT: 15.453 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035753.D
Acq: 20 Dec 2024 21:57

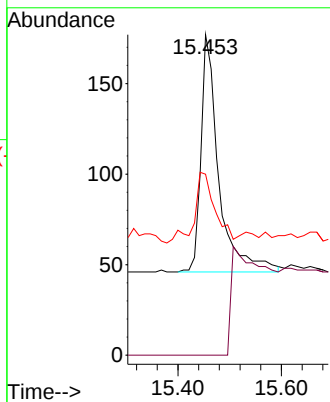
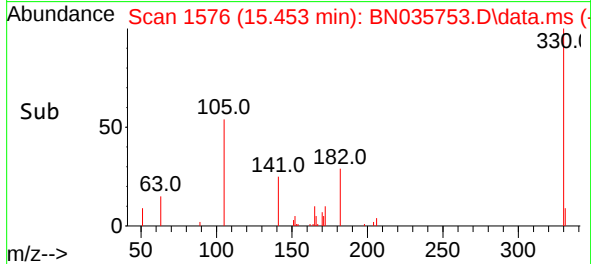
Instrument :
BNA_N
ClientSampleId :
RE125D2-20241210DL



Tgt Ion:330 Resp: 328
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.8 26.6 40.0

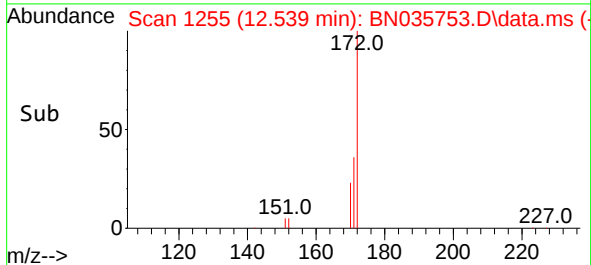
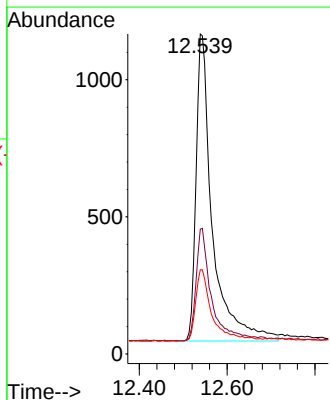
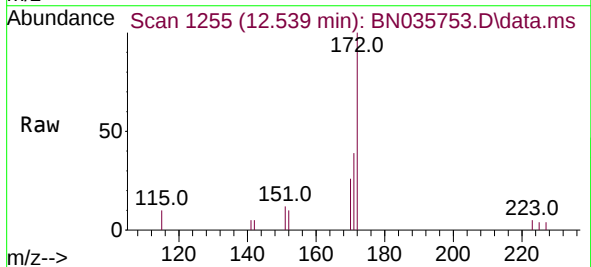
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Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#15
2-Fluorobiphenyl
Concen: 0.159 ng
RT: 12.539 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035753.D
Acq: 20 Dec 2024 21:57

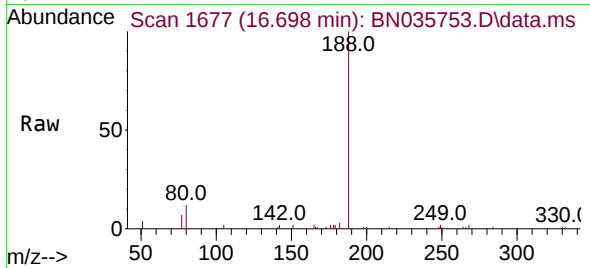
Tgt Ion:172 Resp: 2904
Ion Ratio Lower Upper
172 100
171 39.0 29.0 43.4
170 26.3 19.8 29.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN035753.D
Acq: 20 Dec 2024 21:57

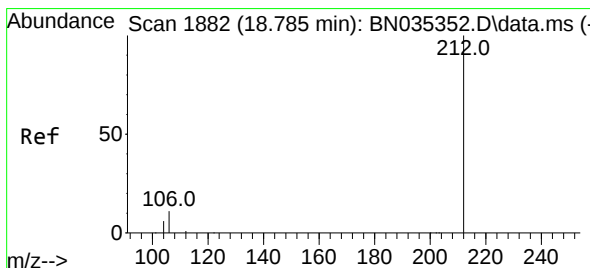
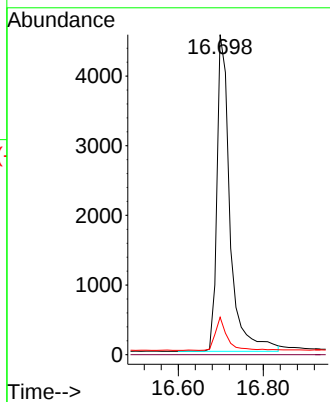
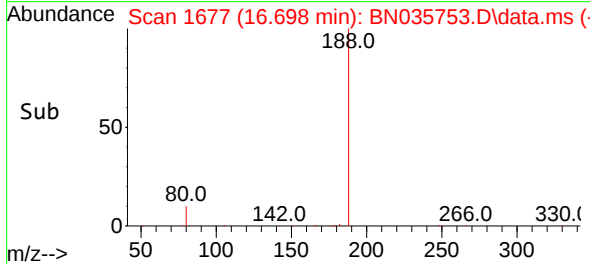
Instrument :
BNA_N
ClientSampleId :
RE125D2-20241210DL



Tgt Ion:188 Resp: 969
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 4.6 6.8

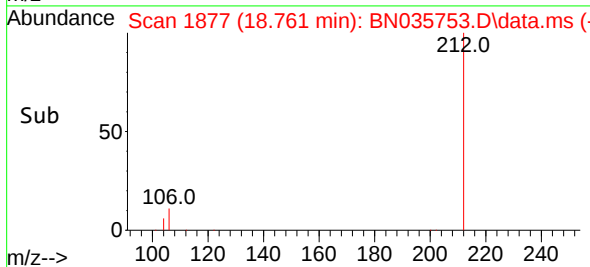
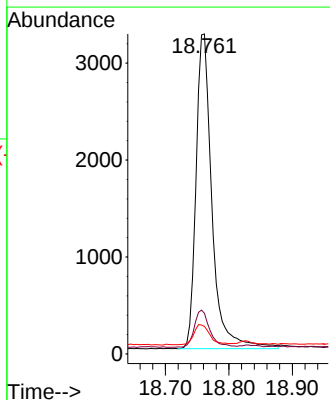
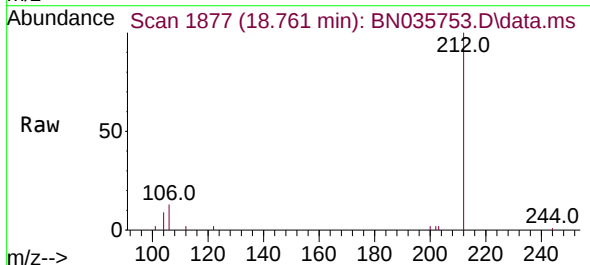
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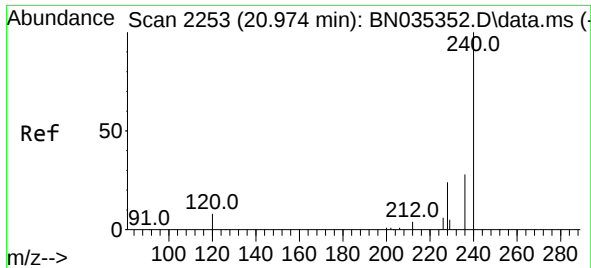
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Fluoranthene-d10
Concen: 0.207 ng
RT: 18.761 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN035753.D
Acq: 20 Dec 2024 21:57

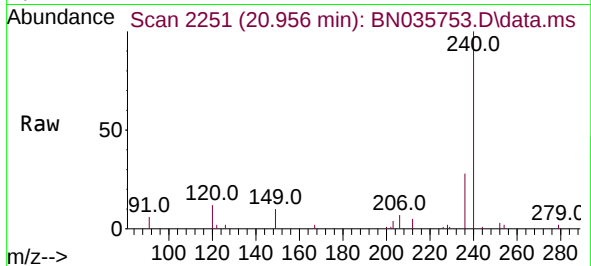
Tgt Ion:212 Resp: 5683
Ion Ratio Lower Upper
212 100
106 11.5 9.2 13.8
104 6.4 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BN035753.D
Acq: 20 Dec 2024 21:57

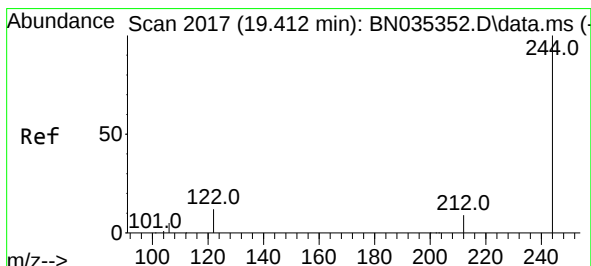
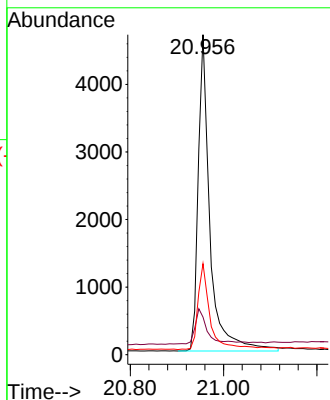
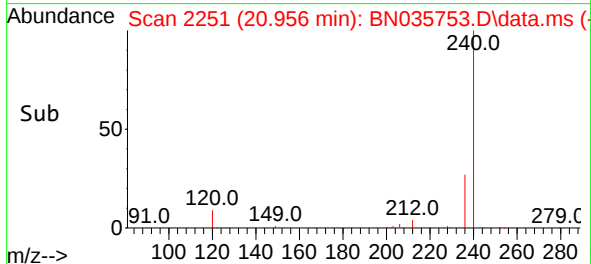
Instrument :
BNA_N
ClientSampleId :
RE125D2-20241210DL



Tgt Ion:240 Resp: 820
Ion Ratio Lower Upper
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120 11.7 7.9 11.9
236 28.4 22.9 34.3

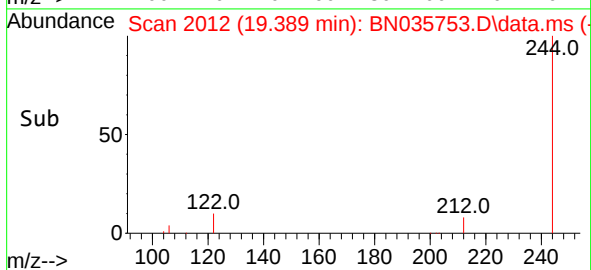
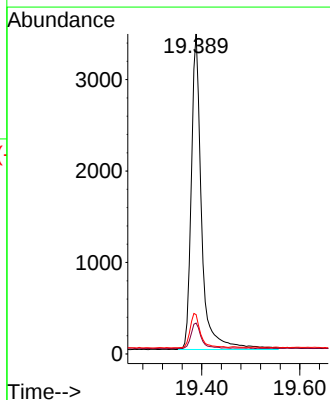
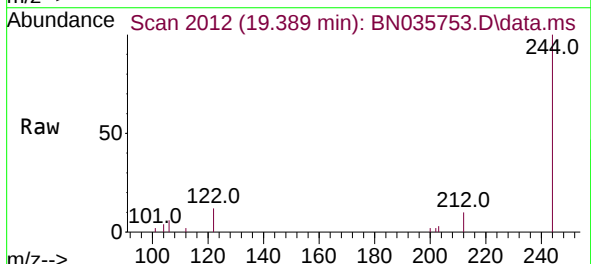
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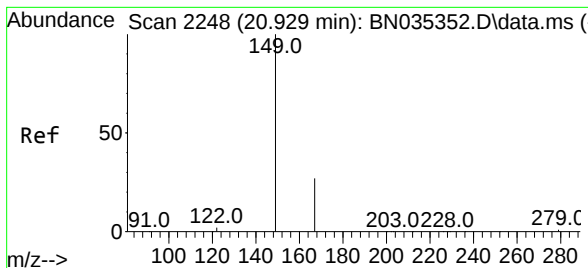
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#31
Terphenyl-d14
Concen: 0.311 ng
RT: 19.389 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035753.D
Acq: 20 Dec 2024 21:57

Tgt Ion:244 Resp: 5035
Ion Ratio Lower Upper
244 100
212 9.7 8.1 12.1
122 12.3 10.3 15.5





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.286 ng

RT: 20.902 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN035753.D

Acq: 20 Dec 2024 21:57

Instrument :

BNA_N

ClientSampleId :

RE125D2-20241210DL

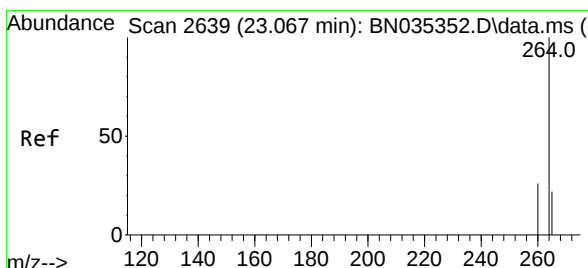
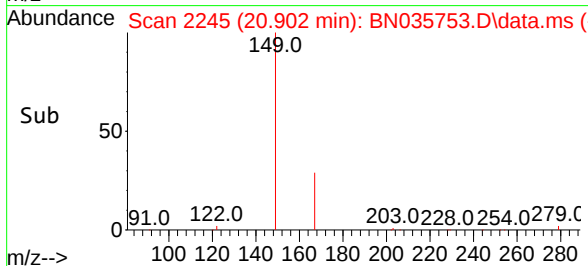
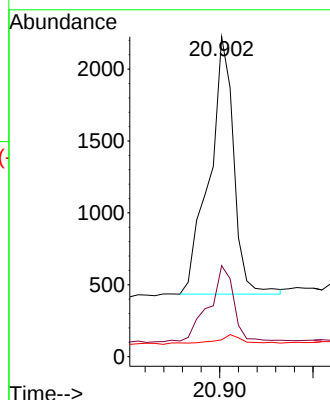
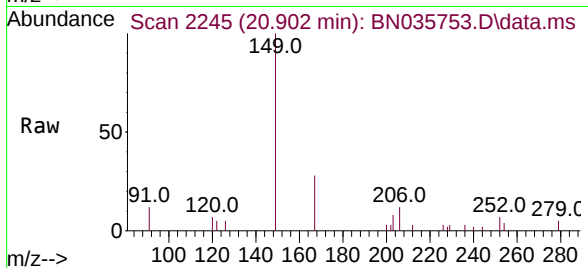
Tgt Ion:149 Resp: 324

Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.2	33.4
279	2.7	2.7	4.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/23/2024
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: BN035753.D

Acq: 20 Dec 2024 21:57

Tgt Ion:264 Resp: 8127

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.4	32.2
265	80.6	40.2	60.4

