

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035751.D
 Acq On : 20 Dec 2024 20:45
 Operator : RC/JU
 Sample : P5317-05
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT163S1-20241216

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 01:43:35 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	2616	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	7194	0.400	ng	# 0.00
13) Acenaphthene-d10	13.924	164	4750	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9735	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	8218	0.400	ng	# 0.00
35) Perylene-d12	23.044	264	8291	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	878	0.134	ng	0.00
5) Phenol-d6	6.492	99	481	0.061	ng	0.00
8) Nitrobenzene-d5	8.408	82	1969m	0.448	ng	0.00
11) 2-Methylnaphthalene-d10	11.616	152	4840	0.430	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	728	0.216	ng	0.00
15) 2-Fluorobiphenyl	12.538	172	7077	0.394	ng	0.00
27) Fluoranthene-d10	18.761	212	12422	0.450	ng	0.00
31) Terphenyl-d14	19.388	244	11600	0.716	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.982	88	1146	0.458	ng	# 92
34) Bis(2-ethylhexyl)phtha...	20.911	149	922	0.081	ng	# 98

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

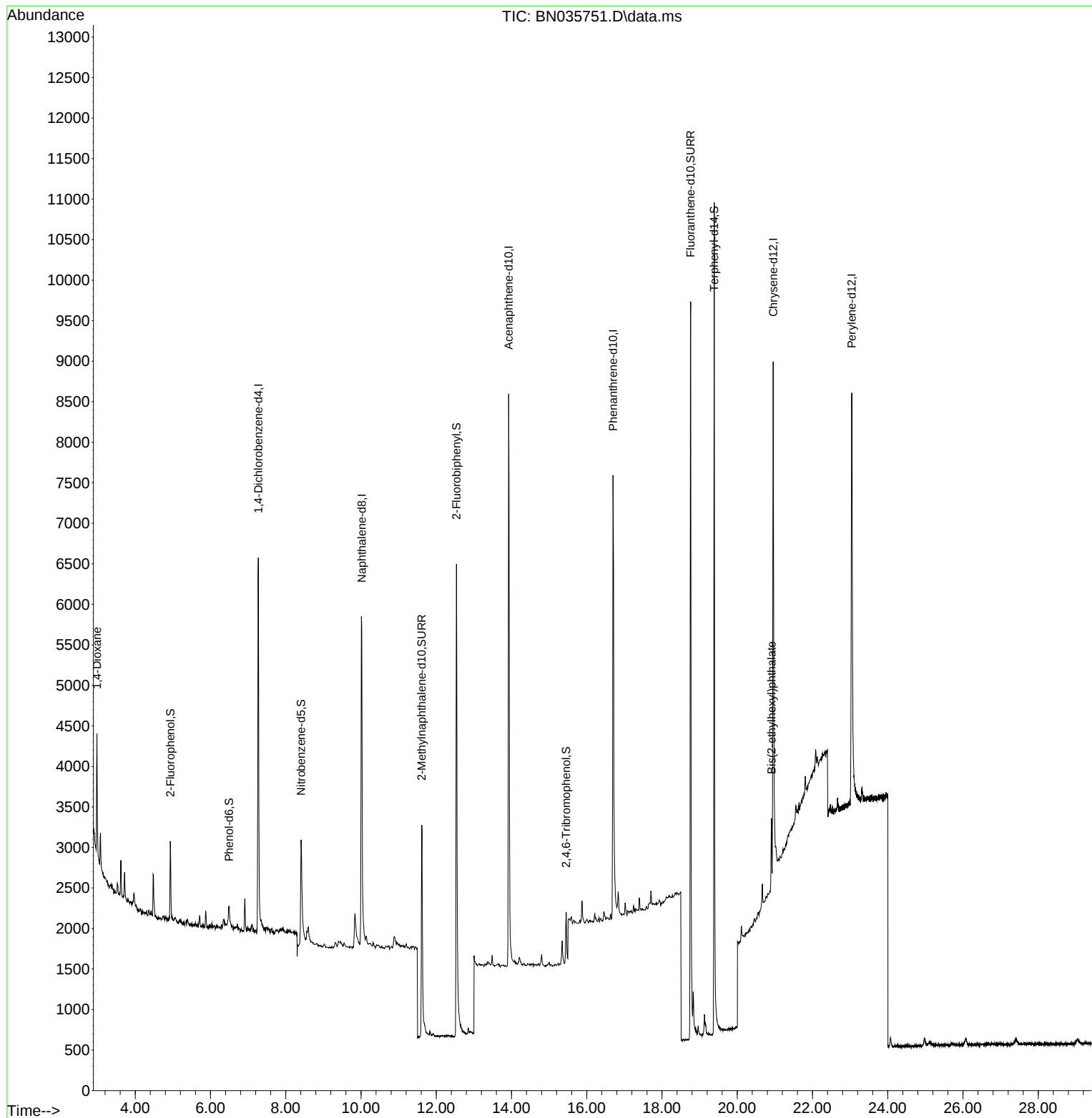
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
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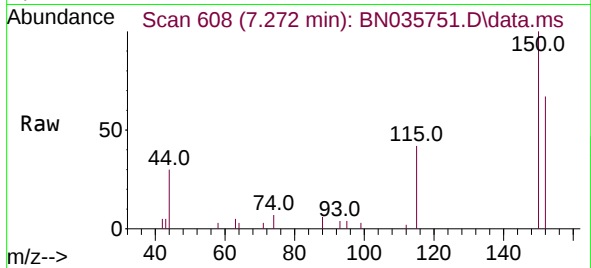
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Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN035751.D
Acq: 20 Dec 2024 20:45

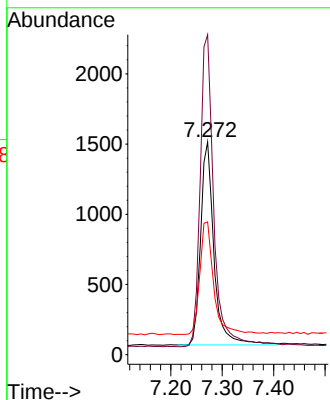
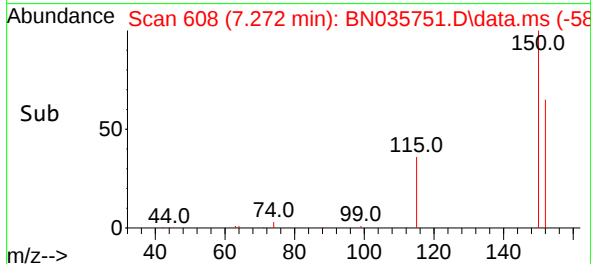
Instrument :
BNA_N
ClientSampleId :
TT163S1-20241216



Tgt Ion: 152 Resp: 2610
Ion Ratio Lower Upper
152 100
150 150.3 124.0 186.0
115 62.4 49.6 74.4

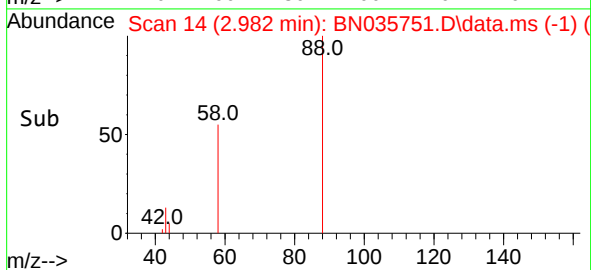
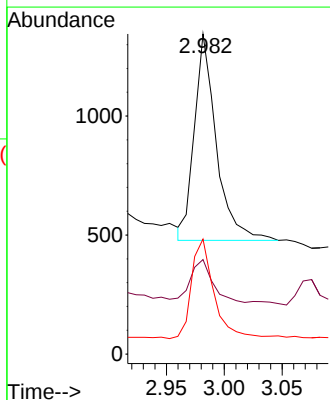
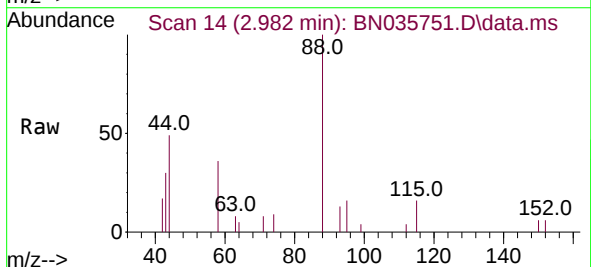
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#2
1,4-Dioxane
Concen: 0.458 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035751.D
Acq: 20 Dec 2024 20:45

Tgt Ion: 88 Resp: 1146
Ion Ratio Lower Upper
88 100
43 26.4 17.2 25.8#
58 50.1 44.5 66.7





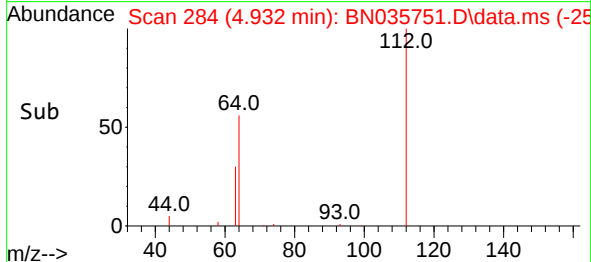
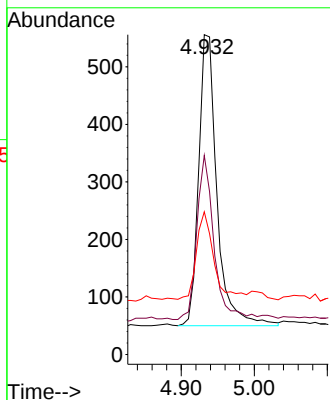
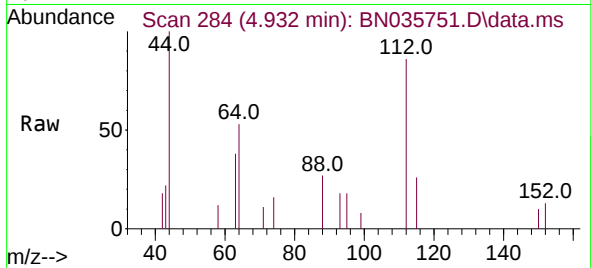
#4
2-Fluorophenol
Concen: 0.134 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035751.D
Acq: 20 Dec 2024 20:45

Instrument :
BNA_N
ClientSampleId :
TT163S1-20241216

Tgt Ion:112 Resp: 878
Ion Ratio Lower Upper
112 100
64 54.1 39.8 59.8
63 30.4 21.0 31.6

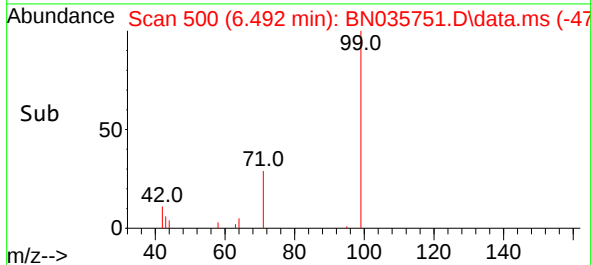
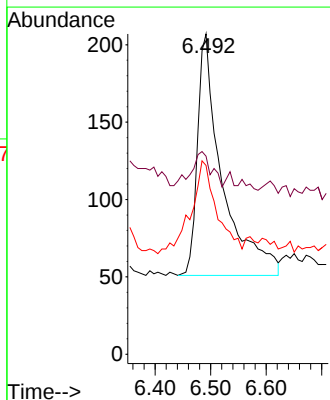
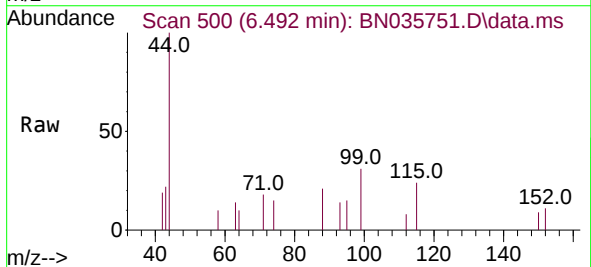
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#5
Phenol-d6
Concen: 0.061 ng
RT: 6.492 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035751.D
Acq: 20 Dec 2024 20:45

Tgt Ion: 99 Resp: 481
Ion Ratio Lower Upper
99 100
42 12.3 11.4 17.2
71 40.5 29.3 43.9





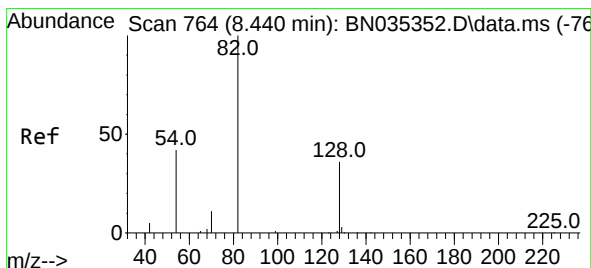
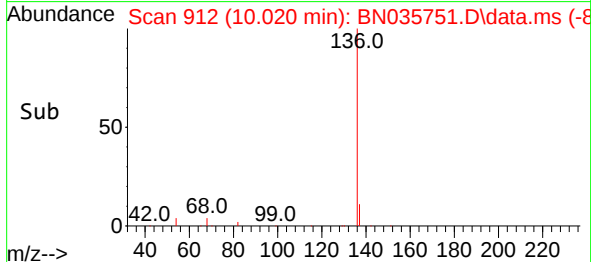
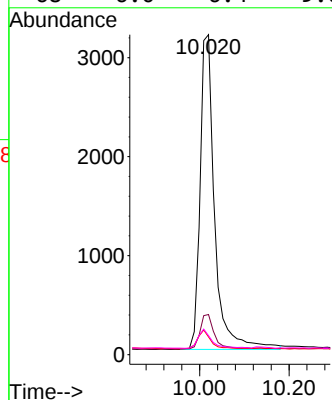
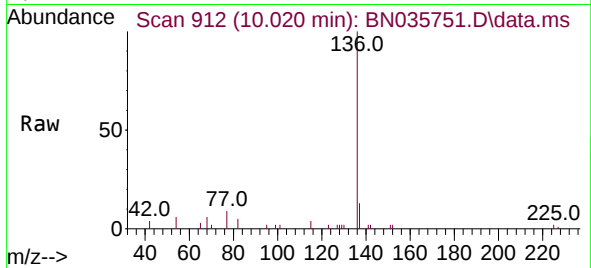
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035751.D
Acq: 20 Dec 2024 20:45

Instrument :
BNA_N
ClientSampleId :
TT163S1-20241216

Tgt Ion:	136	Resp:	7194
Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.2	15.2
54	5.6	6.1	9.1
68	6.0	6.4	9.6

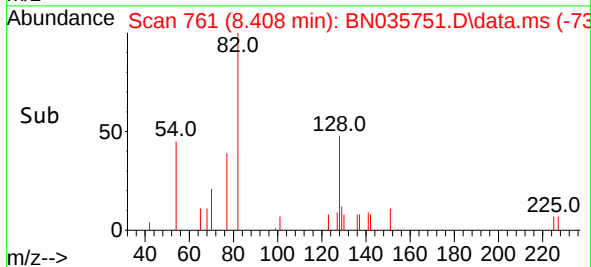
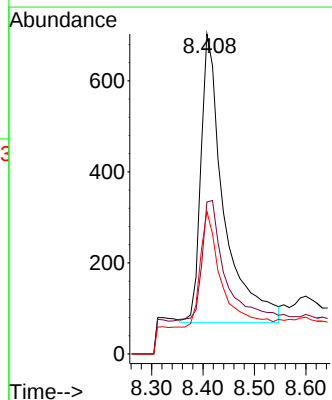
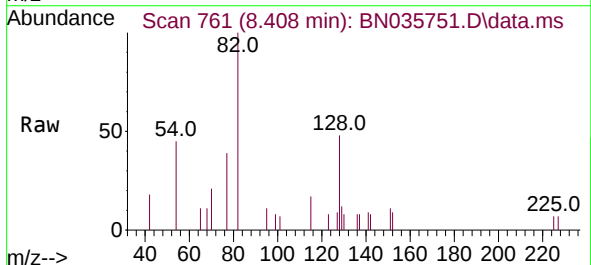
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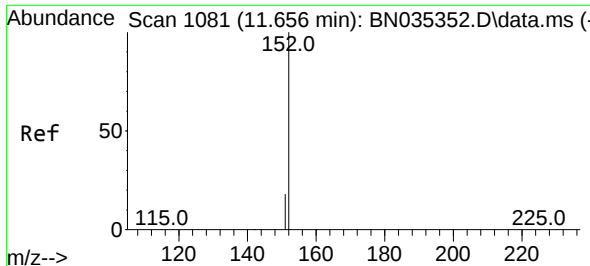
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Supervised By :mohammad ahmed 12/24/2024



#8
Nitrobenzene-d5
Concen: 0.448 ng m
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035751.D
Acq: 20 Dec 2024 20:45

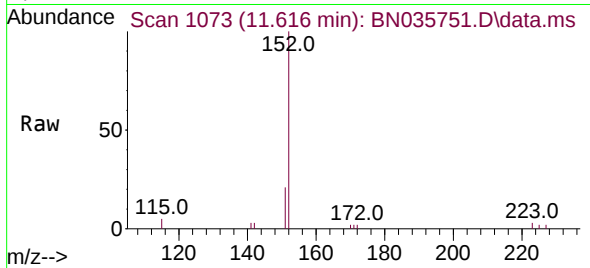
Tgt Ion:	82	Resp:	1969
Ion	Ratio	Lower	Upper
82	100		
128	47.5	33.4	50.0
54	44.5	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.430 ng
RT: 11.616 min Scan# 1081
Delta R.T. -0.005 min
Lab File: BN035751.D
Acq: 20 Dec 2024 20:45

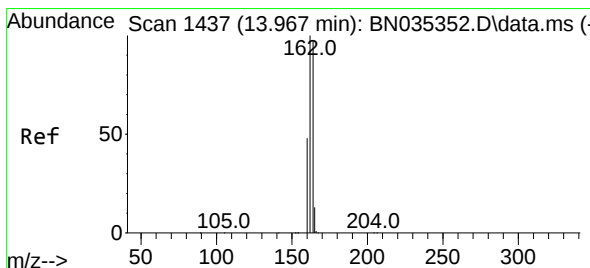
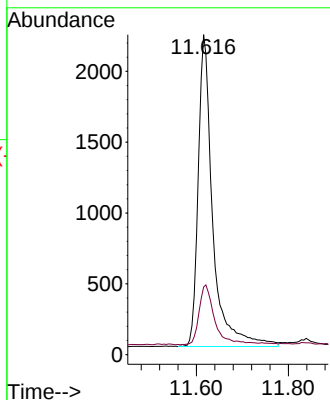
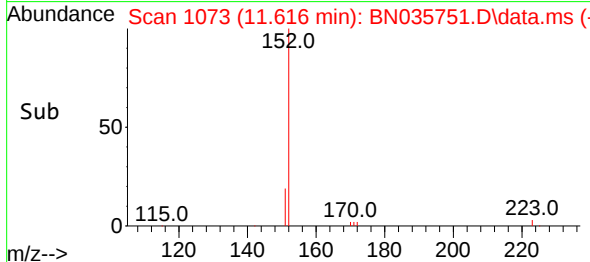
Instrument :
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Tgt Ion:152 Resp: 4840
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0

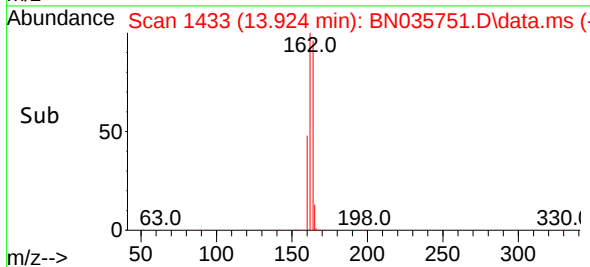
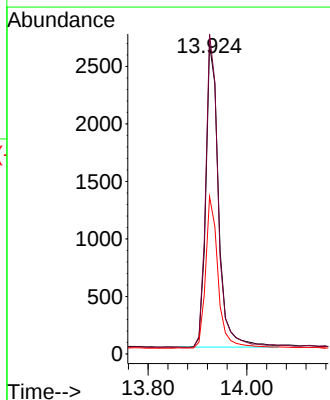
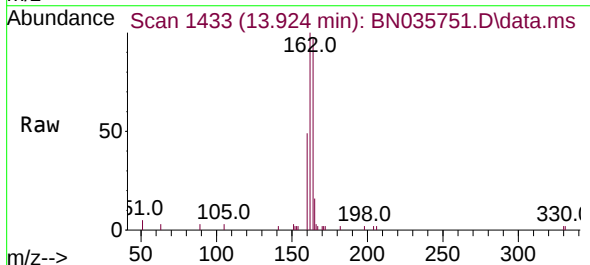
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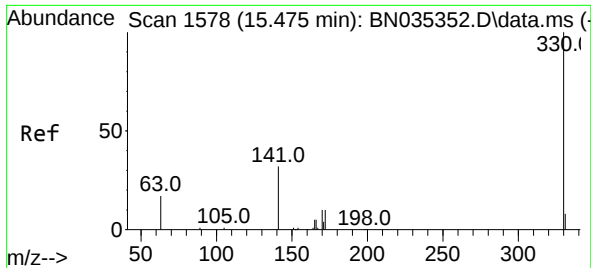
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Supervised By :mohammad ahmed 12/24/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035751.D
Acq: 20 Dec 2024 20:45

Tgt Ion:164 Resp: 4750
Ion Ratio Lower Upper
164 100
162 103.3 82.2 123.2
160 50.8 40.1 60.1





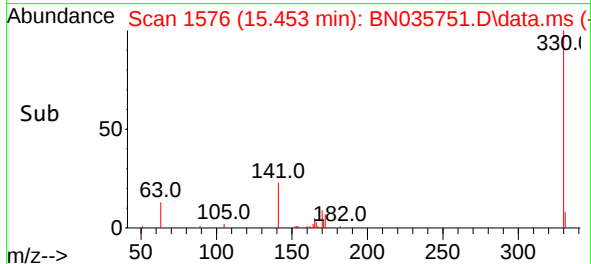
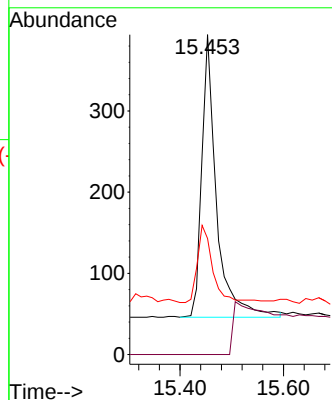
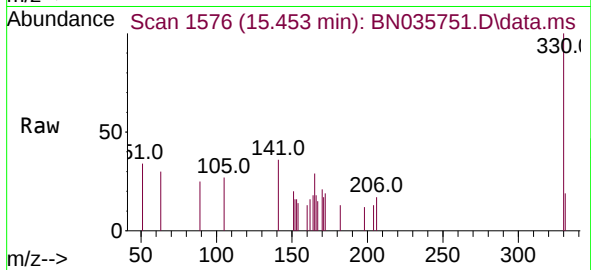
#14
2,4,6-Tribromophenol
Concen: 0.216 ng
RT: 15.453 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035751.D
Acq: 20 Dec 2024 20:45

Instrument :
BNA_N
ClientSampleId :
TT163S1-20241216

Tgt Ion:330 Resp: 728
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.0 26.6 40.0

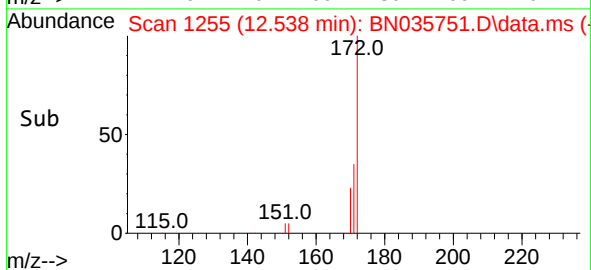
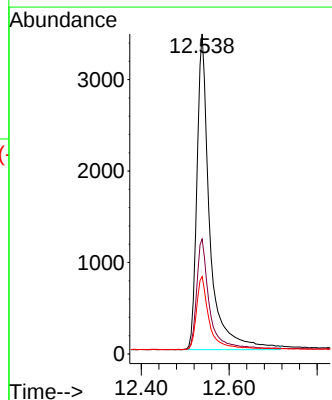
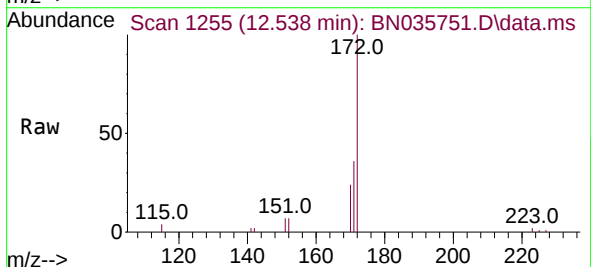
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#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 12.538 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035751.D
Acq: 20 Dec 2024 20:45

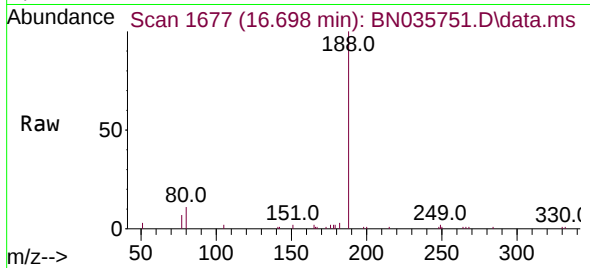
Tgt Ion:172 Resp: 7077
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 24.2 19.8 29.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035751.D
Acq: 20 Dec 2024 20:45

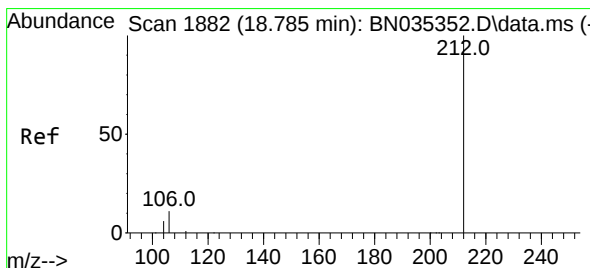
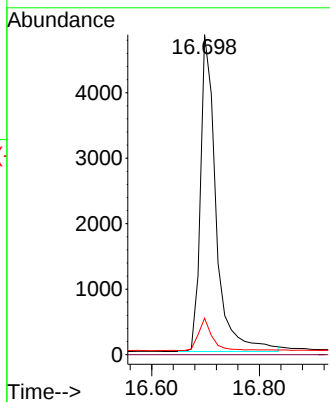
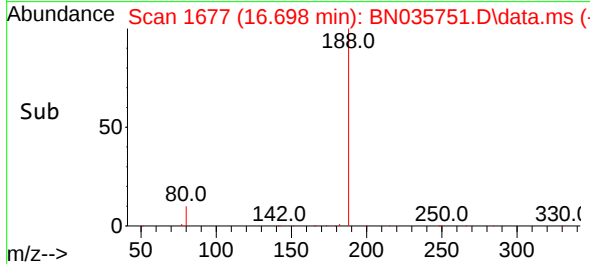
Instrument :
BNA_N
ClientSampleId :
TT163S1-20241216



Tgt Ion:188 Resp: 973
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 4.6 6.8

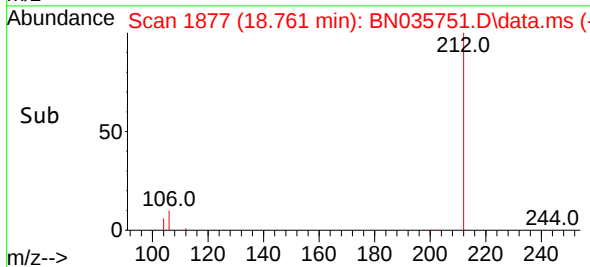
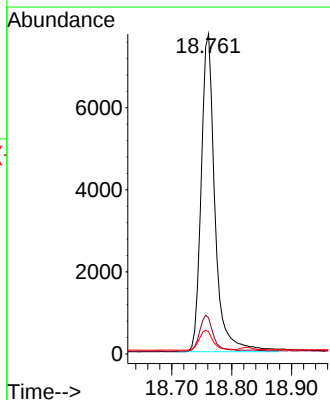
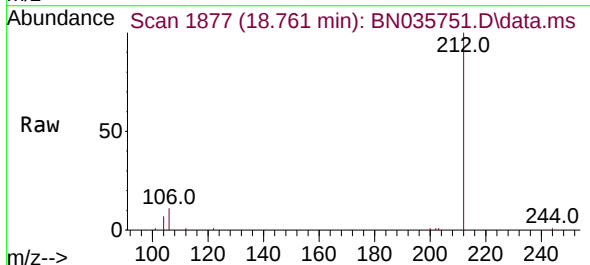
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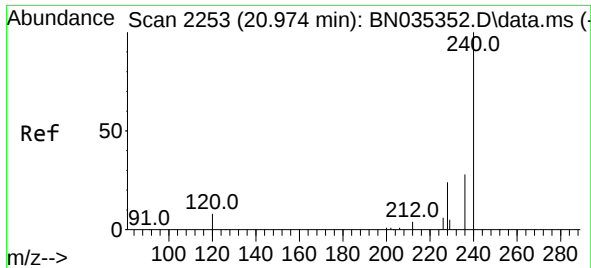
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Fluoranthene-d10
Concen: 0.450 ng
RT: 18.761 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN035751.D
Acq: 20 Dec 2024 20:45

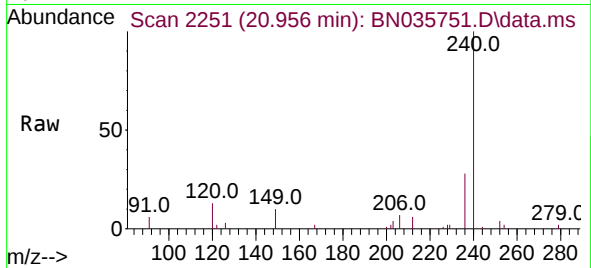
Tgt Ion:212 Resp: 12422
Ion Ratio Lower Upper
212 100
106 11.2 9.2 13.8
104 6.4 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035751.D
Acq: 20 Dec 2024 20:45

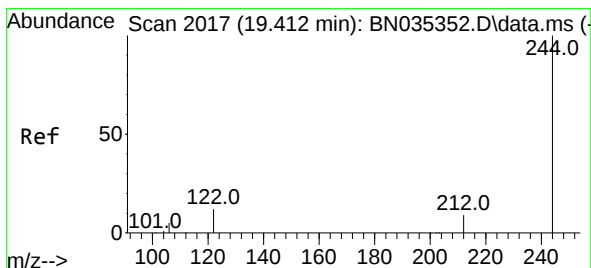
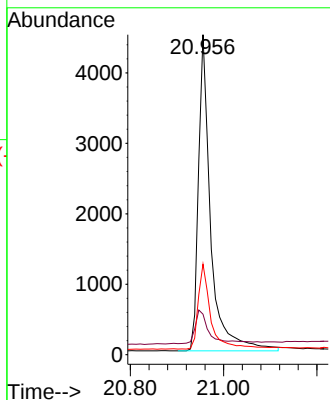
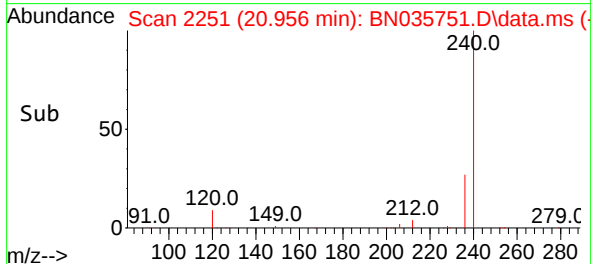
Instrument :
BNA_N
ClientSampleId :
TT163S1-20241216



Tgt Ion:240 Resp: 8218
Ion Ratio Lower Upper
240 100
120 12.7 7.9 11.9
236 28.3 22.9 34.3

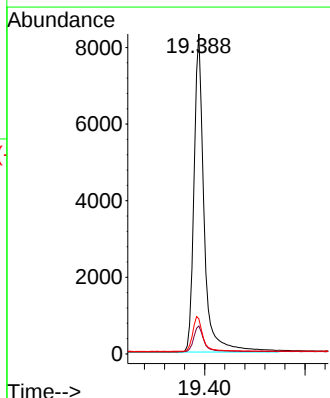
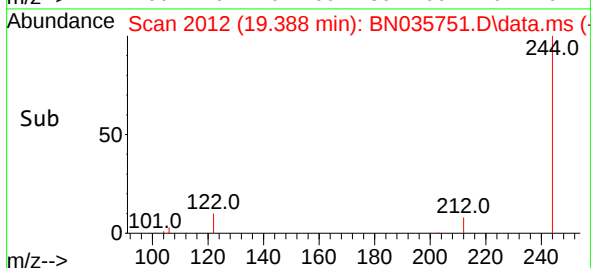
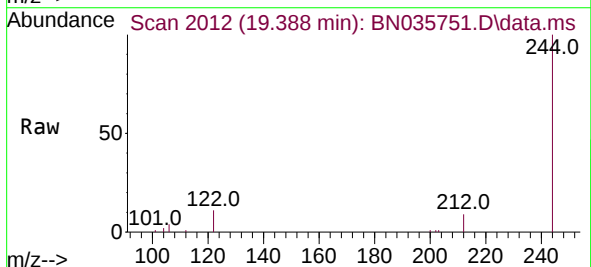
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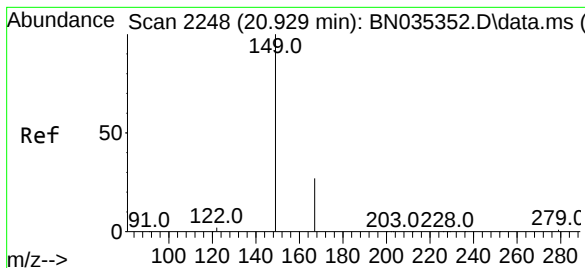
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#31
Terphenyl-d14
Concen: 0.716 ng
RT: 19.388 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035751.D
Acq: 20 Dec 2024 20:45

Tgt Ion:244 Resp: 11600
Ion Ratio Lower Upper
244 100
212 8.7 8.1 12.1
122 11.0 10.3 15.5





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.081 ng

RT: 20.911 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN035751.D

Acq: 20 Dec 2024 20:45

Instrument :

BNA_N

ClientSampleId :

TT163S1-20241216

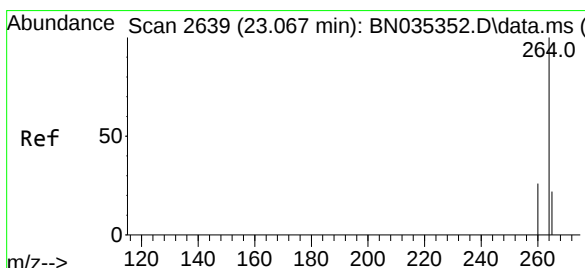
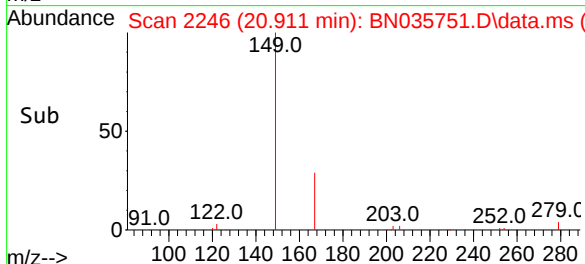
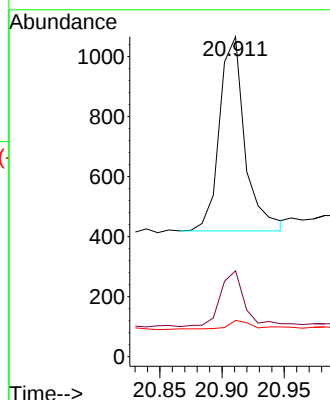
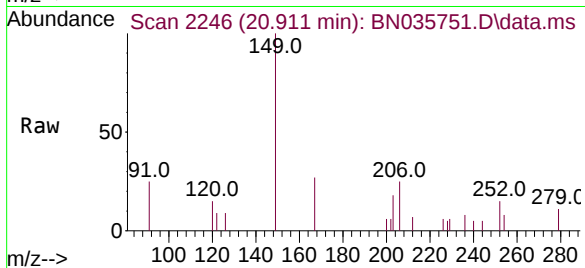
Tgt Ion:149 Resp: 92

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.2	33.4
279	5.7	2.7	4.1

Manual Integrations

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#35

Perylene-d12

Concen: 0.400 ng

RT: 23.044 min Scan# 2631

Delta R.T. 0.003 min

Lab File: BN035751.D

Acq: 20 Dec 2024 20:45

Tgt Ion:264 Resp: 8291

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.4	32.2
265	82.9	40.2	60.4

