

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035758.D
 Acq On : 21 Dec 2024 00:57
 Operator : RC/JU
 Sample : P5317-12
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20241217

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 01:45:07 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	3020	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	7994	0.400	ng	# 0.00
13) Acenaphthene-d10	13.925	164	5431	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	11209	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	9760	0.400	ng	0.00
35) Perylene-d12	23.041	264	9507	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	901	0.119	ng	0.00
5) Phenol-d6	6.484	99	505	0.056	ng	0.00
8) Nitrobenzene-d5	8.408	82	1974m	0.404	ng	0.00
11) 2-Methylnaphthalene-d10	11.621	152	4728	0.378	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	799	0.207	ng	0.00
15) 2-Fluorobiphenyl	12.539	172	7096	0.346	ng	0.00
27) Fluoranthene-d10	18.757	212	13299	0.419	ng	0.00
31) Terphenyl-d14	19.384	244	11108	0.577	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.982	88	4369	1.513	ng	Qvalue 100
33) Chrysene	20.992	228	917	0.026	ng	# 81
34) Bis(2-ethylhexyl)phtha...	20.902	149	1113	0.083	ng	# 99

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

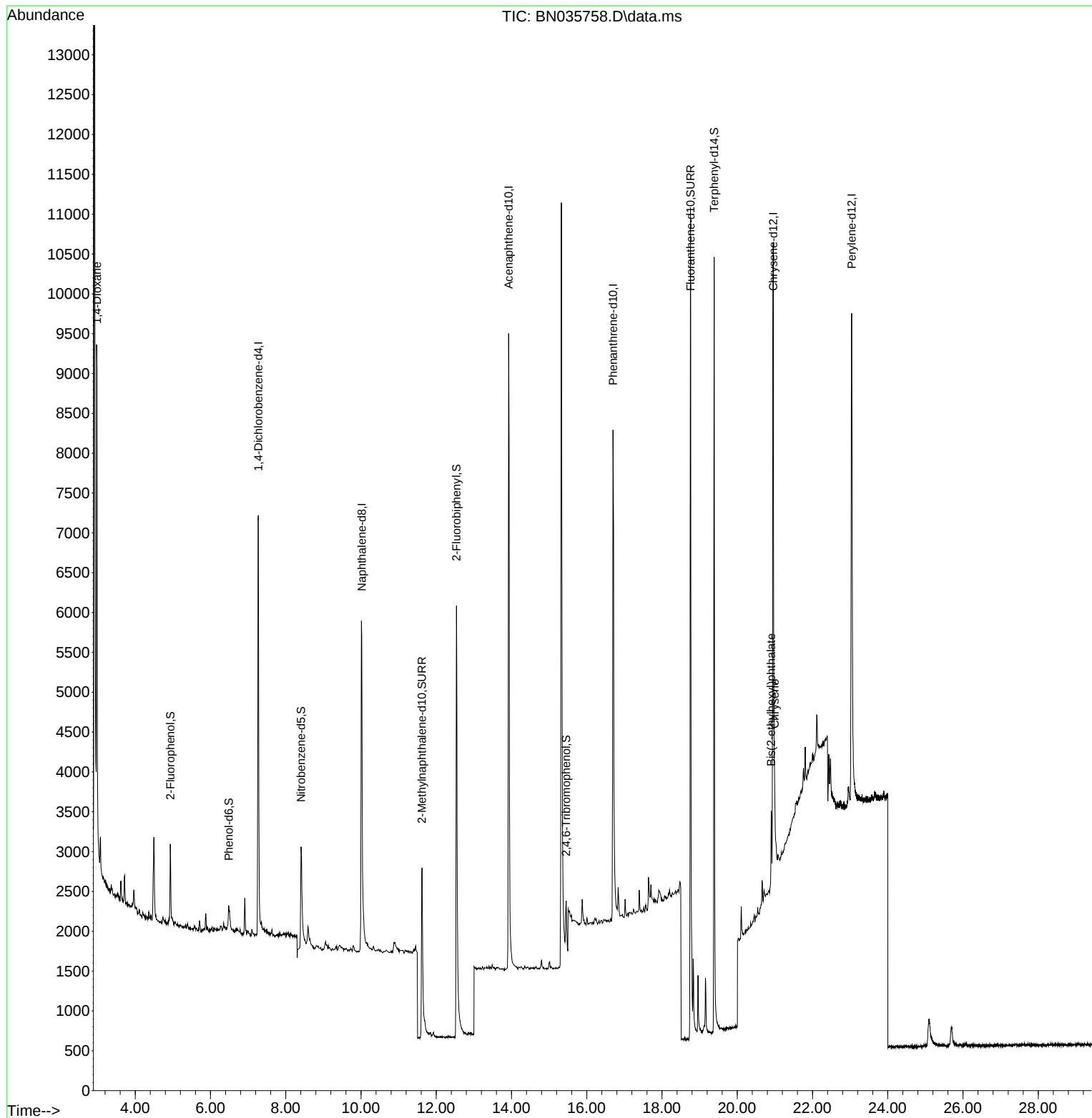
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
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QLast Update : Thu Dec 19 23:06:19 2024
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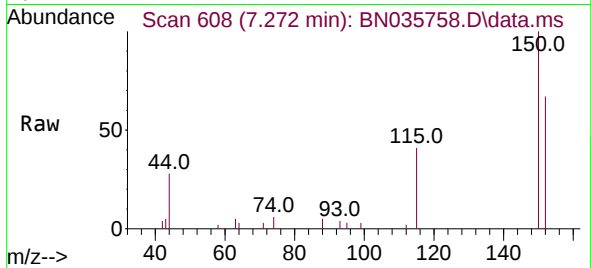
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Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN035758.D
Acq: 21 Dec 2024 00:57

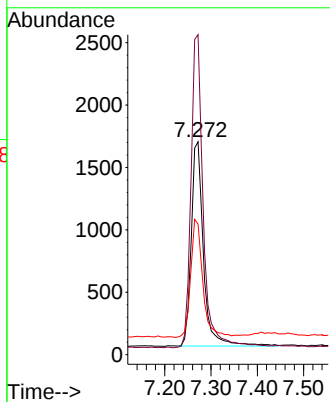
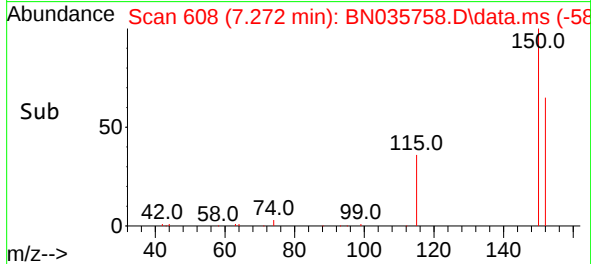
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 3020
Ion Ratio Lower Upper
152 100
150 150.3 124.0 186.0
115 61.4 49.6 74.4

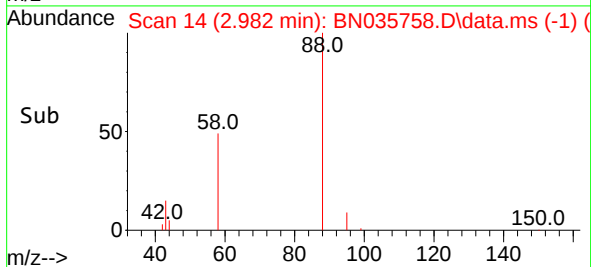
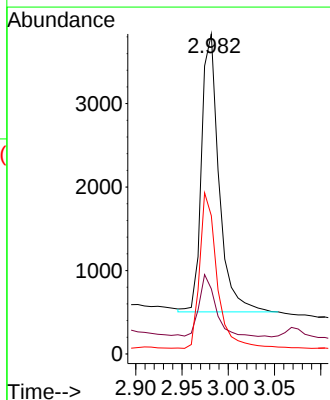
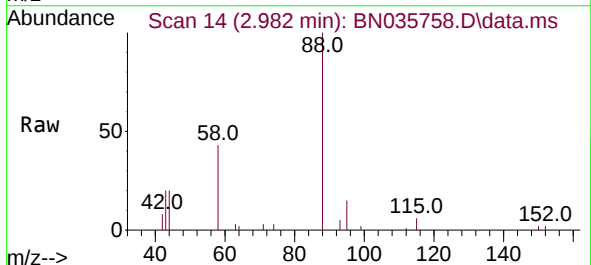
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#2
1,4-Dioxane
Concen: 1.513 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035758.D
Acq: 21 Dec 2024 00:57

Tgt Ion: 88 Resp: 4369
Ion Ratio Lower Upper
88 100
43 21.5 17.2 25.8
58 55.3 44.5 66.7





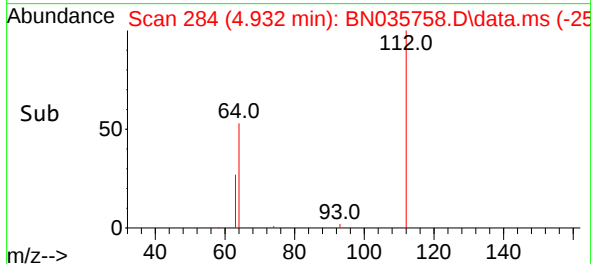
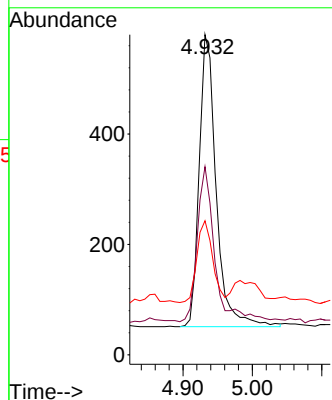
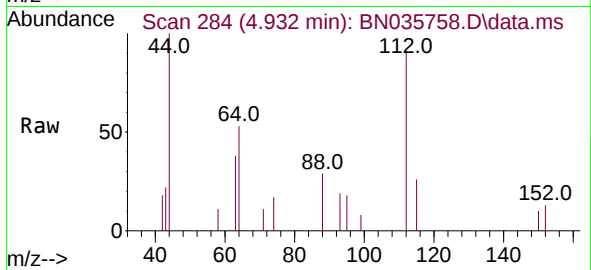
#4
2-Fluorophenol
Concen: 0.119 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035758.D
Acq: 21 Dec 2024 00:57

Instrument :
BNA_N
ClientSampleId :
TT172S1-20241217

Tgt Ion:112 Resp: 90
Ion Ratio Lower Upper
112 100
64 55.0 39.8 59.8
63 25.9 21.0 31.6

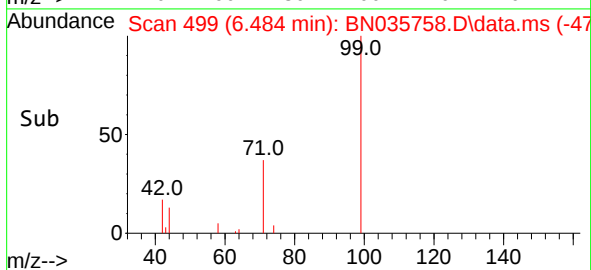
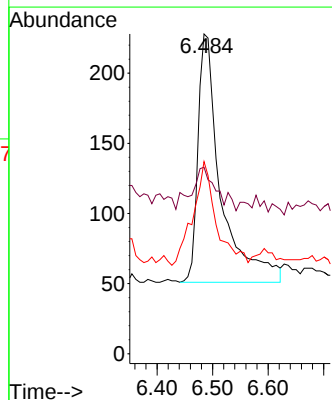
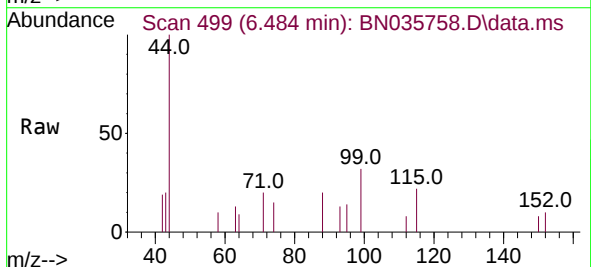
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#5
Phenol-d6
Concen: 0.056 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035758.D
Acq: 21 Dec 2024 00:57

Tgt Ion: 99 Resp: 505
Ion Ratio Lower Upper
99 100
42 20.2 11.4 17.2#
71 42.6 29.3 43.9





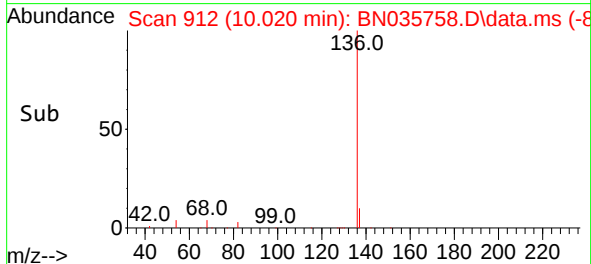
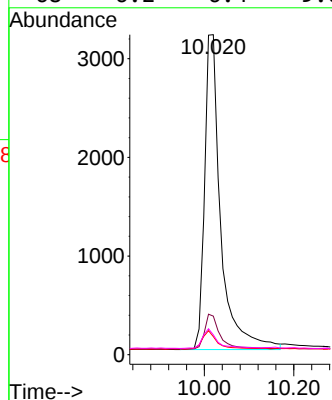
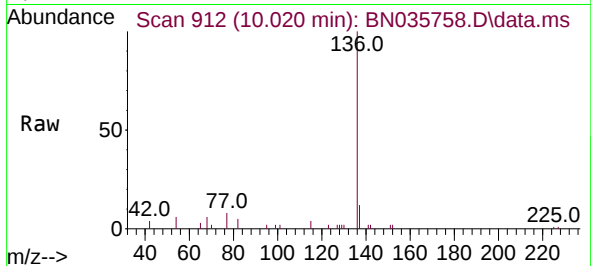
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035758.D
Acq: 21 Dec 2024 00:57

Instrument :
BNA_N
ClientSampleId :
TT172S1-20241217

Tgt Ion:136	Resp:	7994
Ion Ratio	Lower	Upper
136	100	
137	12.1	10.2 15.2
54	5.6	6.1 9.1
68	6.2	6.4 9.6

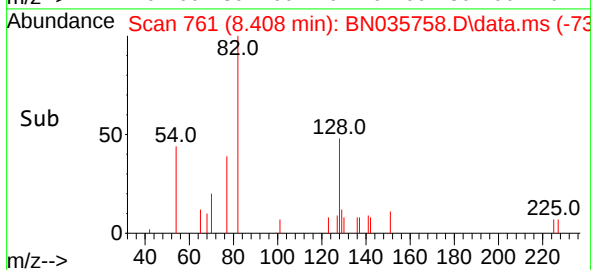
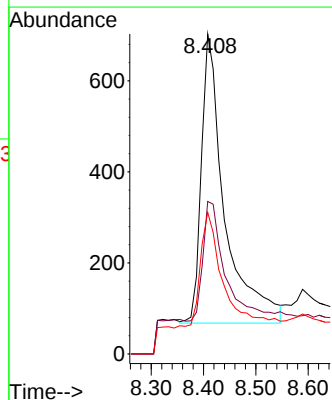
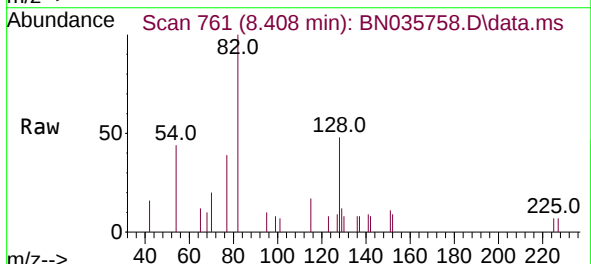
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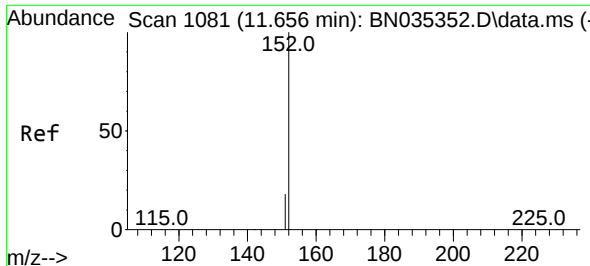
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#8
Nitrobenzene-d5
Concen: 0.404 ng m
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035758.D
Acq: 21 Dec 2024 00:57

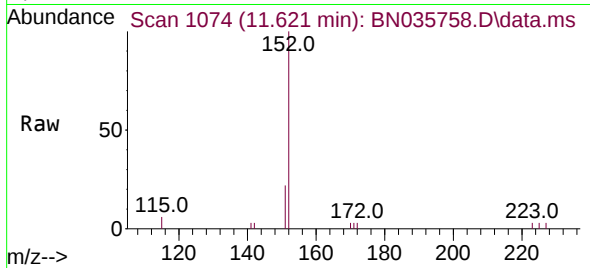
Tgt Ion: 82	Resp:	1974
Ion Ratio	Lower	Upper
82	100	
128	47.7	33.4 50.0
54	44.2	36.7 55.1





#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 11.621 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BN035758.D
Acq: 21 Dec 2024 00:57

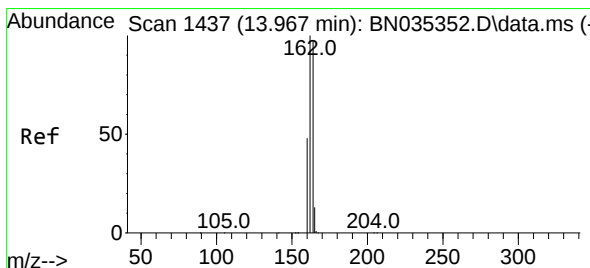
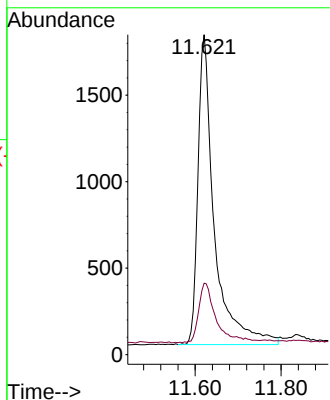
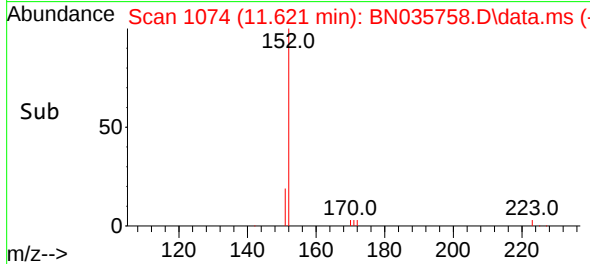
Instrument :
BNA_N
ClientSampleId :
TT172S1-20241217



Tgt Ion:152 Resp: 4728
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0

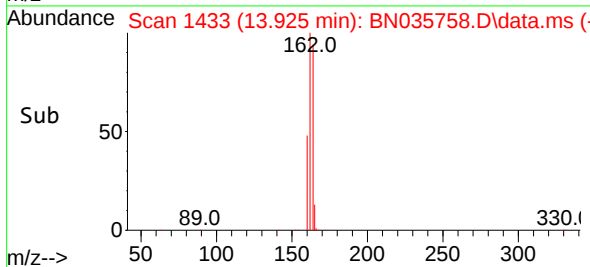
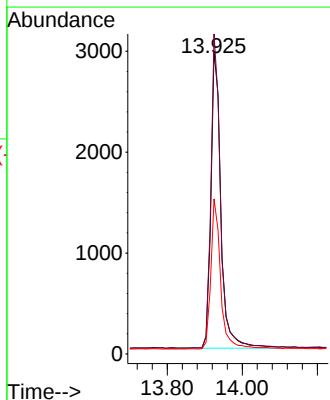
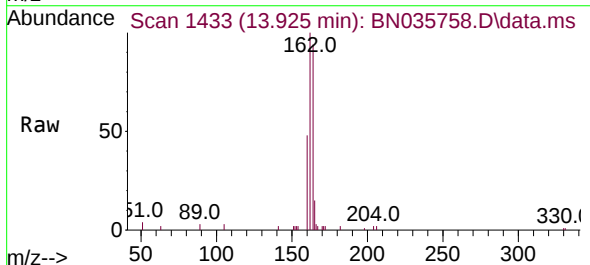
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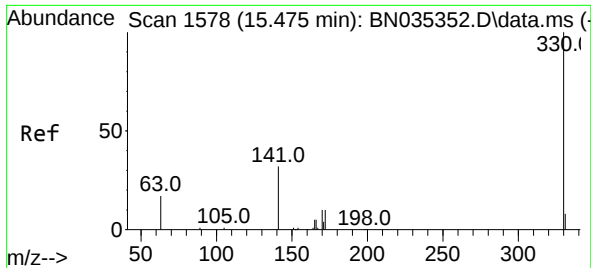
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035758.D
Acq: 21 Dec 2024 00:57

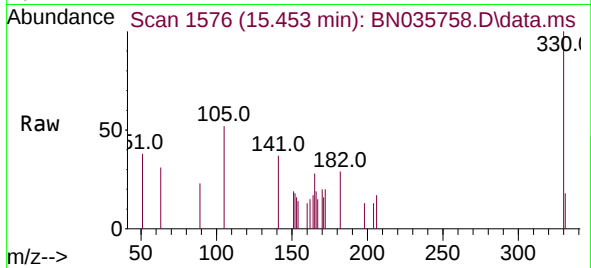
Tgt Ion:164 Resp: 5431
Ion Ratio Lower Upper
164 100
162 105.8 82.2 123.2
160 51.3 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.207 ng
RT: 15.453 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035758.D
Acq: 21 Dec 2024 00:57

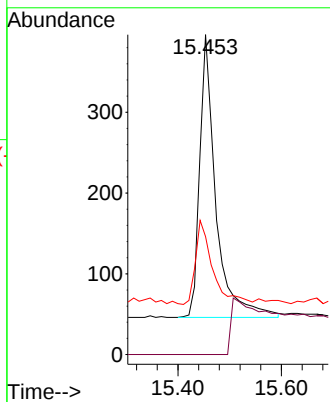
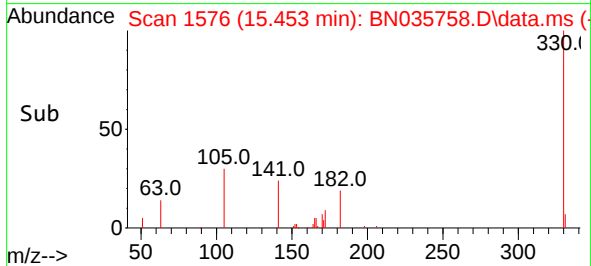
Instrument :
BNA_N
ClientSampleId :
TT172S1-20241217



Tgt Ion:330 Resp: 799
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.9 26.6 40.0

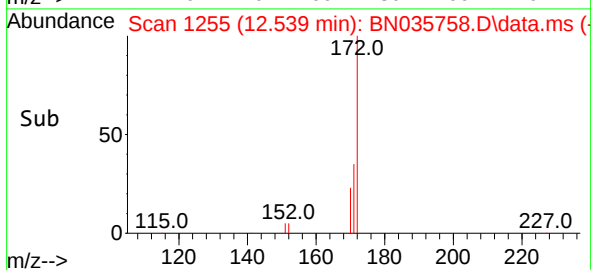
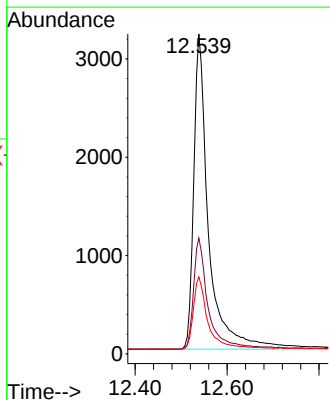
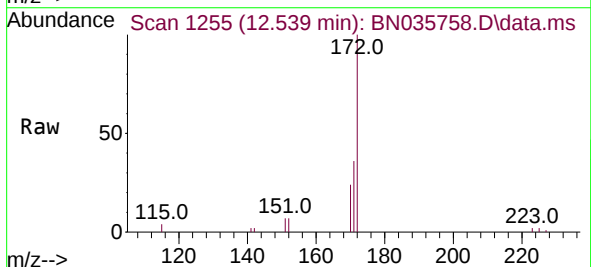
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#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.539 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035758.D
Acq: 21 Dec 2024 00:57

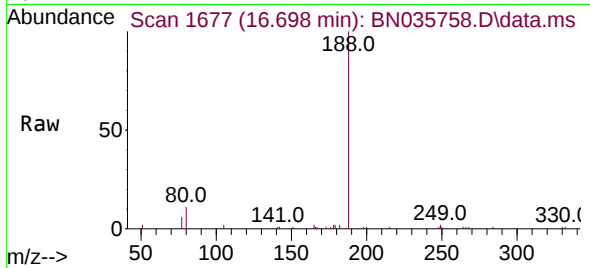
Tgt Ion:172 Resp: 7096
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.1 19.8 29.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 11209
Delta R.T. -0.000 min
Lab File: BN035758.D
Acq: 21 Dec 2024 00:57

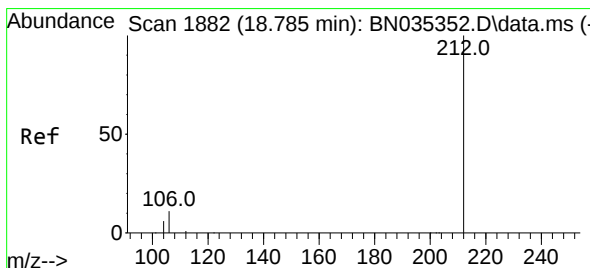
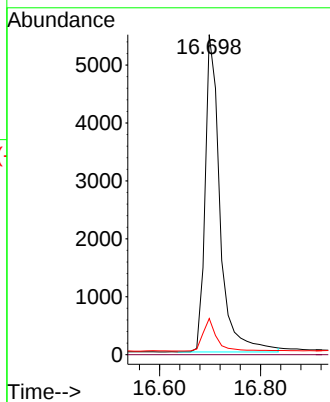
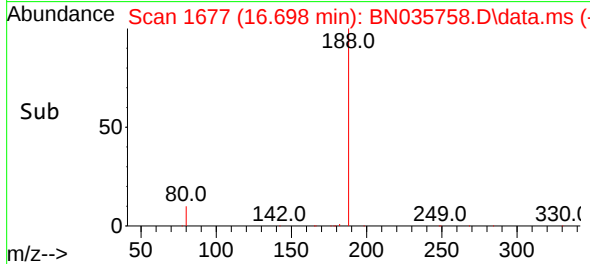
Instrument :
BNA_N
ClientSampleId :
TT172S1-20241217



Tgt Ion:188 Resp: 11209
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 4.6 6.8

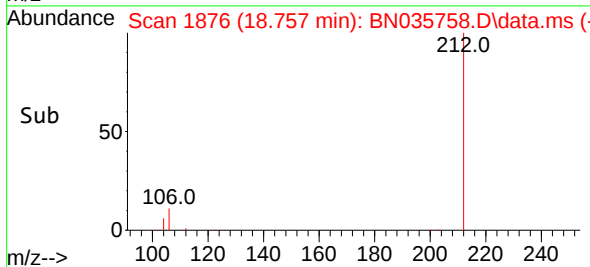
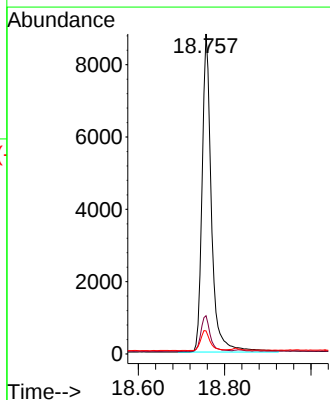
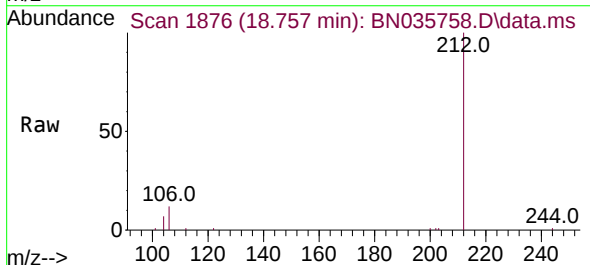
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#27
Fluoranthene-d10
Concen: 0.419 ng
RT: 18.757 min Scan# 1876
Delta R.T. -0.005 min
Lab File: BN035758.D
Acq: 21 Dec 2024 00:57

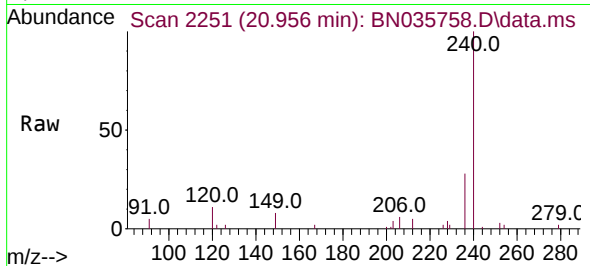
Tgt Ion:212 Resp: 13299
Ion Ratio Lower Upper
212 100
106 11.1 9.2 13.8
104 6.2 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035758.D
Acq: 21 Dec 2024 00:57

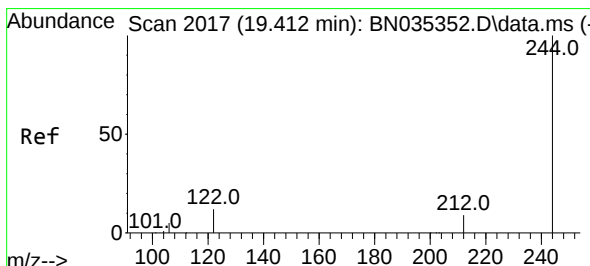
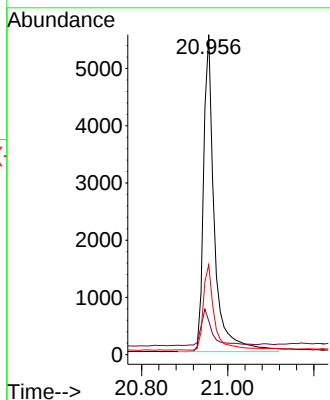
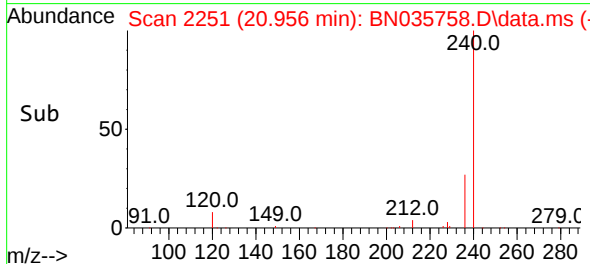
Instrument :
BNA_N
ClientSampleId :
TT172S1-20241217



Tgt Ion:240 Resp: 9760
Ion Ratio Lower Upper
240 100
120 10.5 7.9 11.9
236 28.2 22.9 34.3

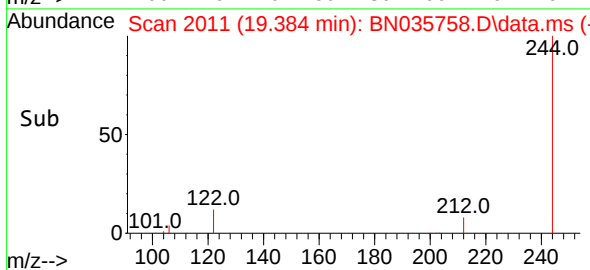
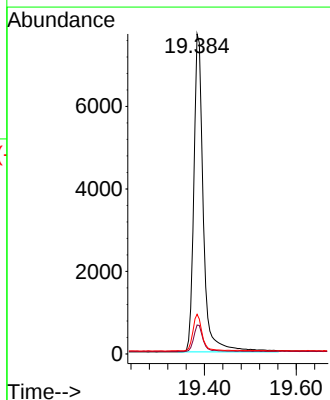
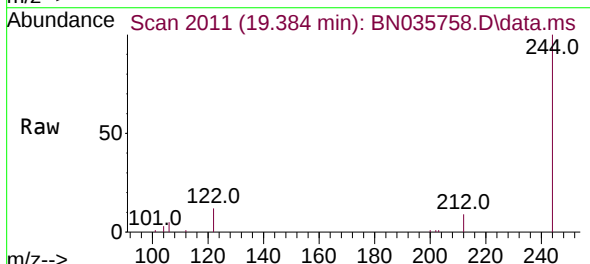
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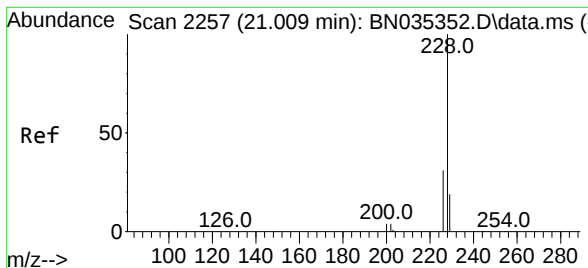
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Supervised By :mohammad ahmed 12/24/2024



#31
Terphenyl-d14
Concen: 0.577 ng
RT: 19.384 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BN035758.D
Acq: 21 Dec 2024 00:57

Tgt Ion:244 Resp: 11108
Ion Ratio Lower Upper
244 100
212 9.0 8.1 12.1
122 12.4 10.3 15.5





#33

Chrysene

Concen: 0.026 ng

RT: 20.992 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN035758.D

Acq: 21 Dec 2024 00:57

Instrument :

BNA_N

ClientSampleId :

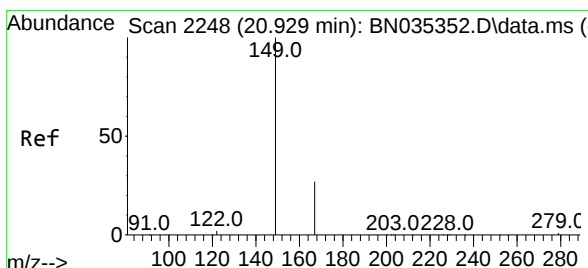
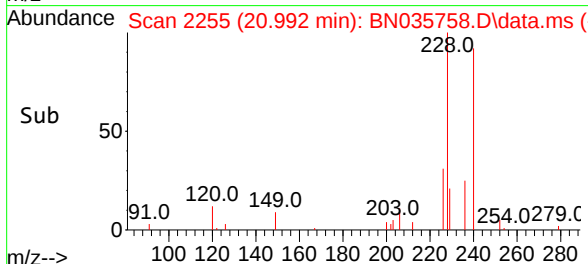
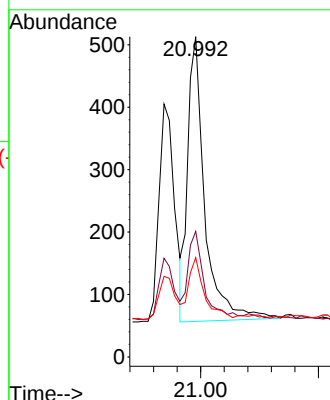
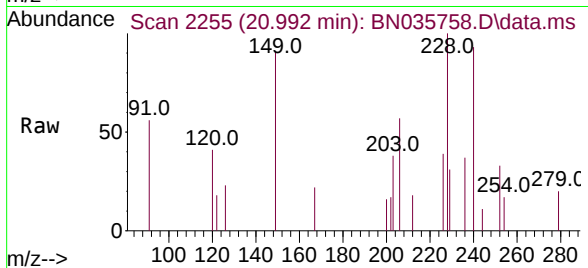
TT172S1-20241217

Tgt Ion:228	Resp:	91
Ion Ratio	Lower	Upper
228	100	
226	39.2	24.6 37.0
229	31.0	15.9 23.9

Manual Integrations

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#34

Bis(2-ethylhexyl)phthalate

Concen: 0.083 ng

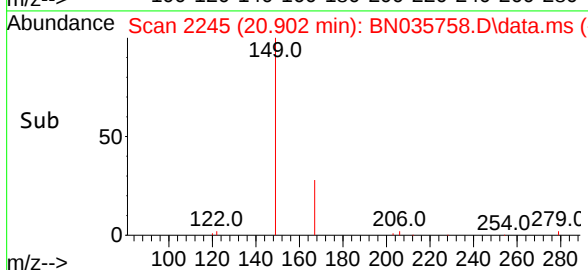
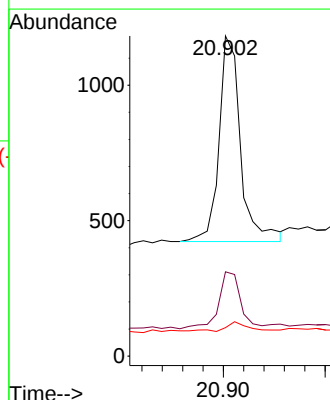
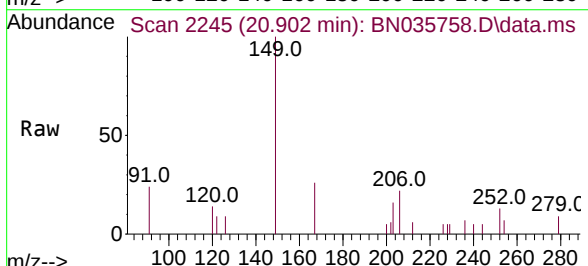
RT: 20.902 min Scan# 2245

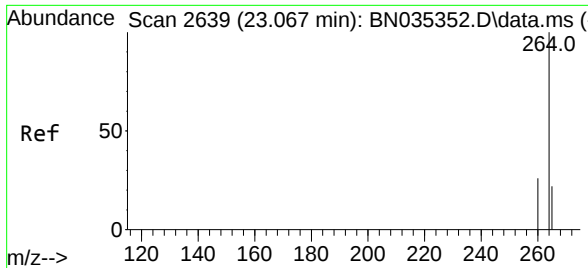
Delta R.T. -0.009 min

Lab File: BN035758.D

Acq: 21 Dec 2024 00:57

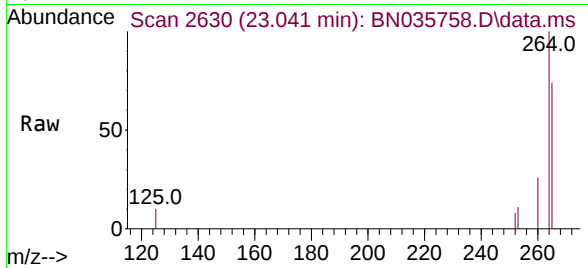
Tgt Ion:149	Resp:	1113
Ion Ratio	Lower	Upper
149	100	
167	28.2	22.2 33.4
279	4.1	2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.041 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BN035758.D
 Acq: 21 Dec 2024 00:57

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20241217



Tgt Ion:264 Resp: 950

Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.4	32.2
265	73.6	40.2	60.4

Manual Integrations
 APPROVED

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

