

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
 Data File : BN035860.D
 Acq On : 26 Dec 2024 19:05
 Operator : RC/JU
 Sample : P5261-19DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20241210DL

Quant Time: Dec 27 00:42:29 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.257	152	2551	0.400	ng	-0.01
7) Naphthalene-d8	10.009	136	5621	0.400	ng	-0.01
13) Acenaphthene-d10	13.925	164	3825	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	8370	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	5883	0.400	ng	# 0.00
35) Perylene-d12	23.029	264	5421	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	195	0.031	ng	-0.01
5) Phenol-d6	6.484	99	140	0.018	ng	0.00
8) Nitrobenzene-d5	8.429	82	393m	0.114	ng	0.02
11) 2-Methylnaphthalene-d10	11.641	152	788	0.090	ng	0.02
14) 2,4,6-Tribromophenol	15.453	330	141	0.052	ng	0.00
15) 2-Fluorobiphenyl	12.559	172	1296	0.090	ng	0.02
27) Fluoranthene-d10	18.757	212	2340	0.099	ng	0.00
31) Terphenyl-d14	19.379	244	1628	0.140	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	5467	2.242	ng	99
34) Bis(2-ethylhexyl)phtha...	20.893	149	277	0.034	ng	# 94

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

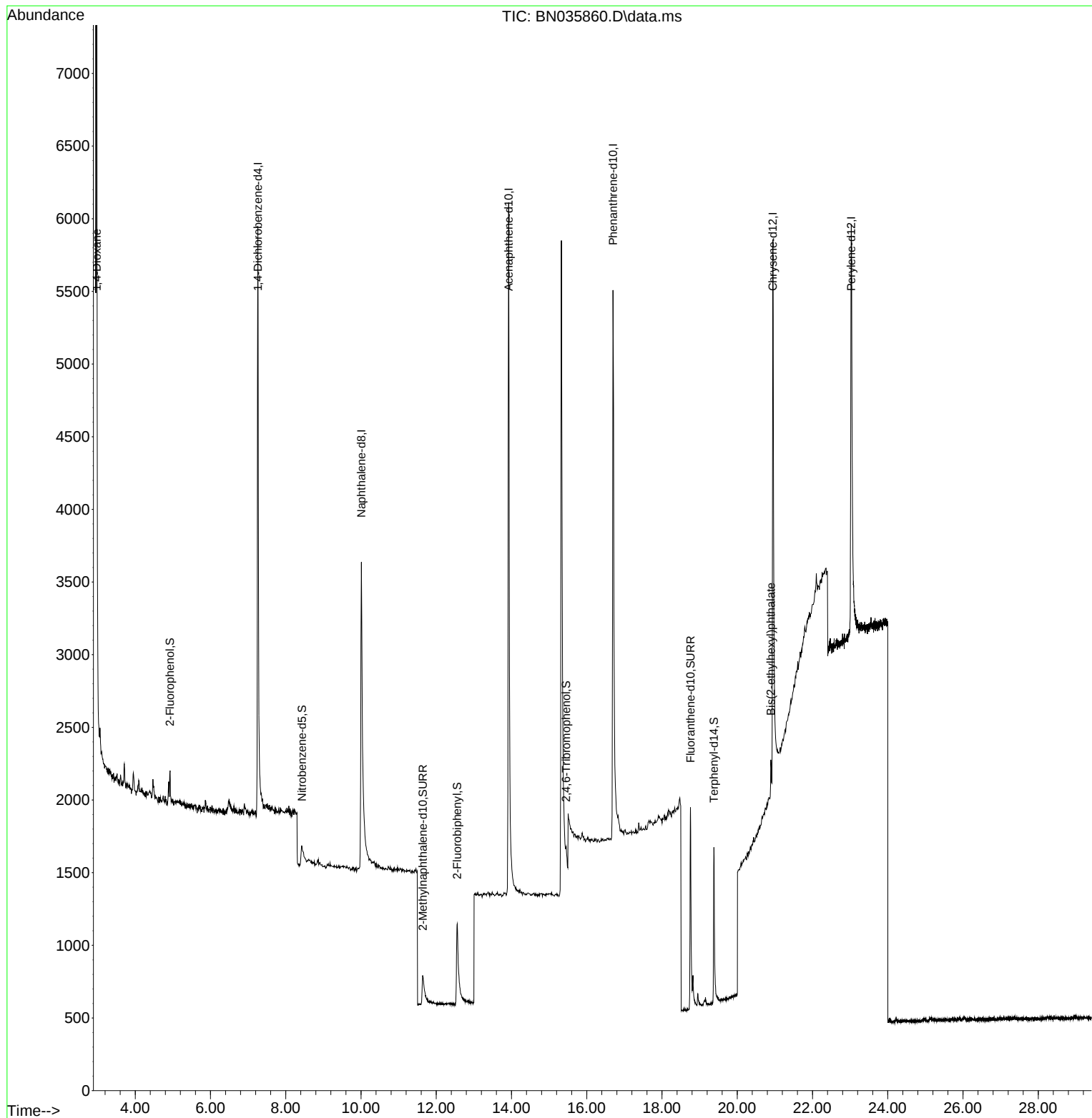
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
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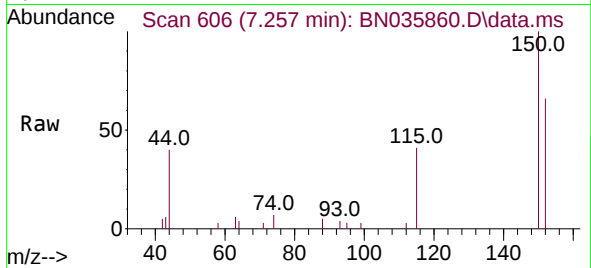
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.257 min Scan# 60
Delta R.T. -0.015 min
Lab File: BN035860.D
Acq: 26 Dec 2024 19:05

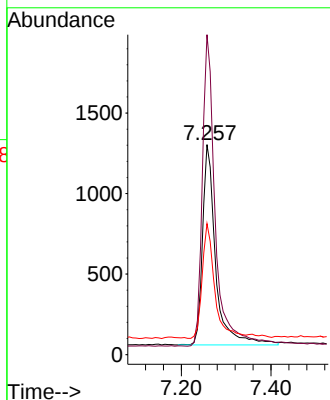
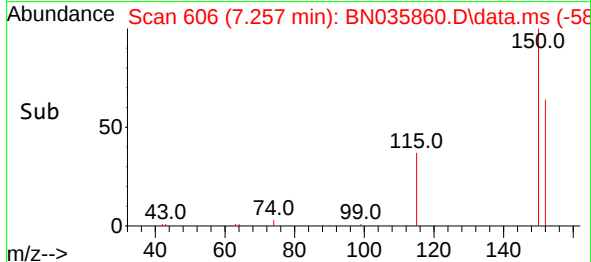
Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210DL



Tgt Ion: 152 Resp: 255
Ion Ratio Lower Upper
152 100
150 152.4 124.0 186.0
115 62.3 49.6 74.4

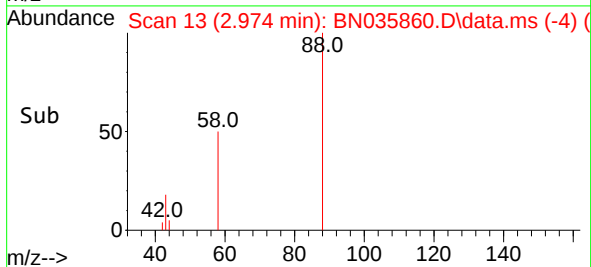
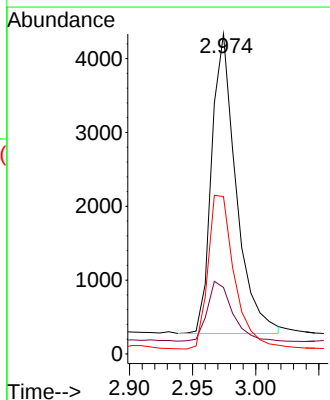
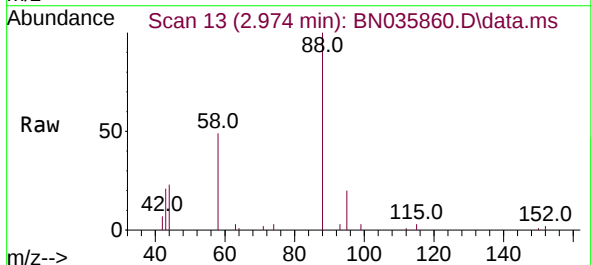
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#2
1,4-Dioxane
Concen: 2.242 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.008 min
Lab File: BN035860.D
Acq: 26 Dec 2024 19:05

Tgt Ion: 88 Resp: 5467
Ion Ratio Lower Upper
88 100
43 20.4 17.2 25.8
58 55.2 44.5 66.7





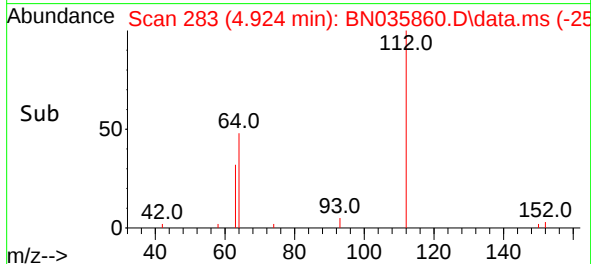
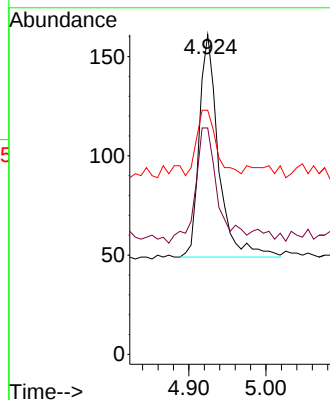
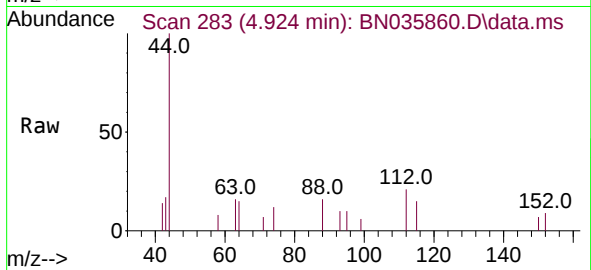
#4
2-Fluorophenol
Concen: 0.031 ng
RT: 4.924 min Scan# 219
Delta R.T. -0.014 min
Lab File: BN035860.D
Acq: 26 Dec 2024 19:05

Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210DL

Tgt Ion:112 Resp: 199
Ion Ratio Lower Upper
112 100
64 60.0 39.8 59.8
63 30.8 21.0 31.6

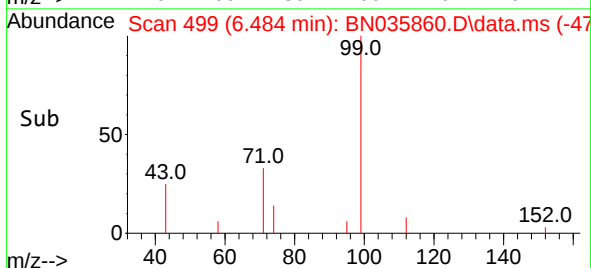
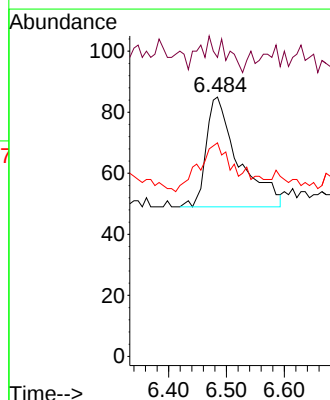
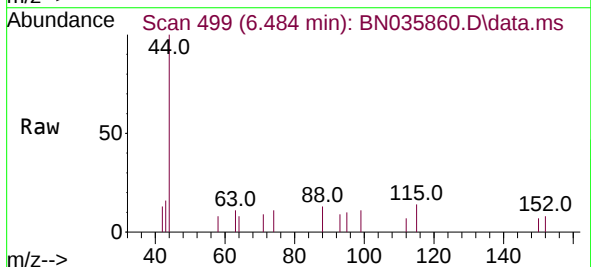
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#5
Phenol-d6
Concen: 0.018 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035860.D
Acq: 26 Dec 2024 19:05

Tgt Ion: 99 Resp: 140
Ion Ratio Lower Upper
99 100
42 0.0 11.4 17.2#
71 43.6 29.3 43.9





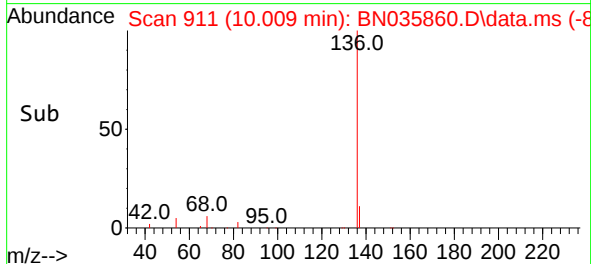
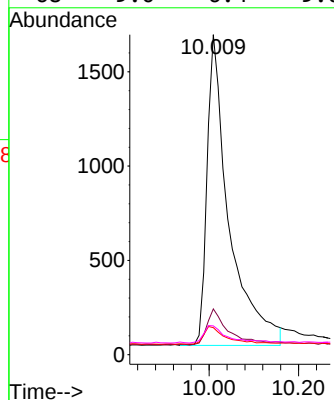
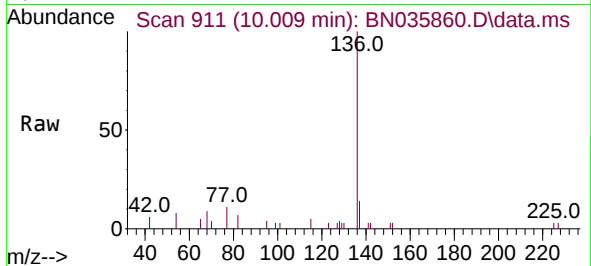
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035860.D
Acq: 26 Dec 2024 19:05

Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210DL

Tgt Ion:	136	Resp:	562
Ion	Ratio	Lower	Upper
136	100		
137	14.3	10.2	15.2
54	8.4	6.1	9.1
68	9.0	6.4	9.6

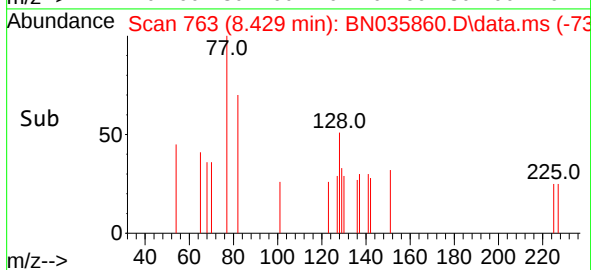
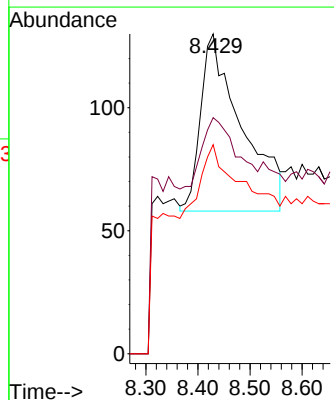
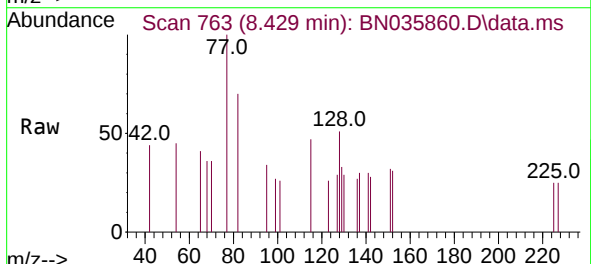
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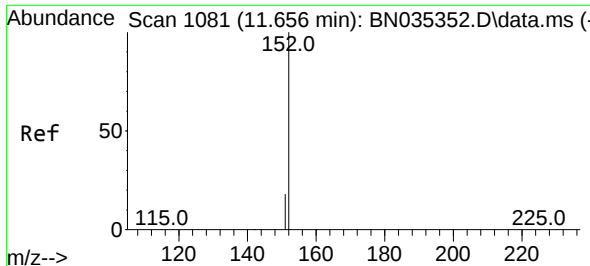
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#8
Nitrobenzene-d5
Concen: 0.114 ng m
RT: 8.429 min Scan# 763
Delta R.T. 0.021 min
Lab File: BN035860.D
Acq: 26 Dec 2024 19:05

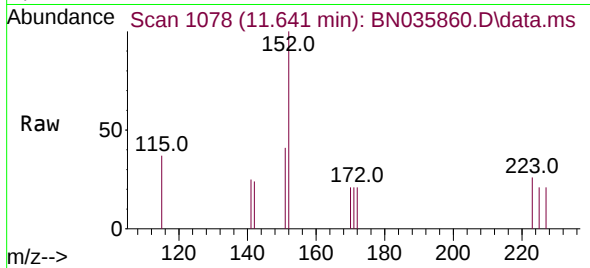
Tgt Ion:	82	Resp:	393
Ion	Ratio	Lower	Upper
82	100		
128	73.8	33.4	50.0#
54	65.4	36.7	55.1#





#11
2-Methylnaphthalene-d10
Concen: 0.090 ng
RT: 11.641 min Scan# 1081
Delta R.T. 0.020 min
Lab File: BN035860.D
Acq: 26 Dec 2024 19:05

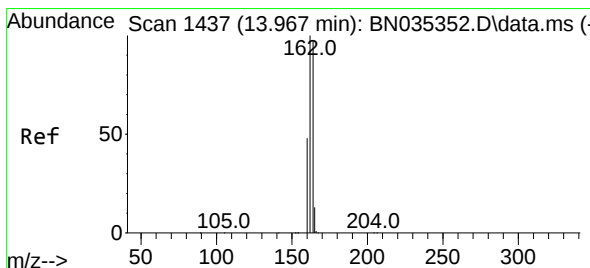
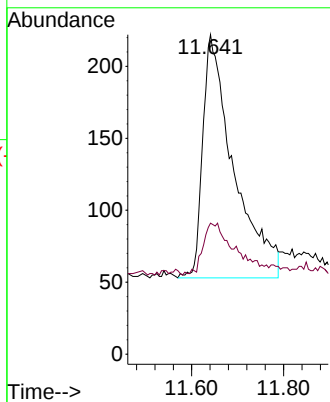
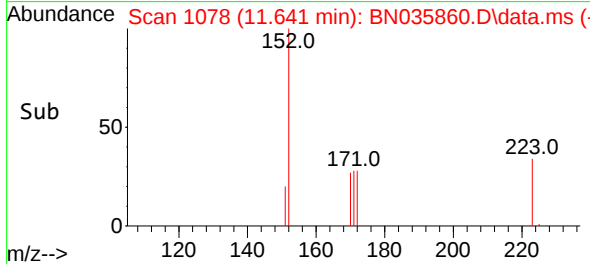
Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210DL



Tgt Ion:152 Resp: 788
Ion Ratio Lower Upper
152 100
151 22.5 16.6 25.0

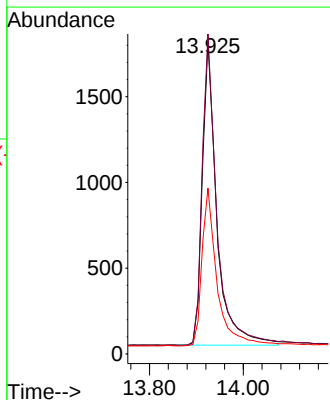
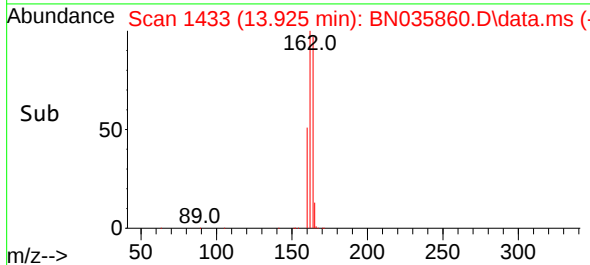
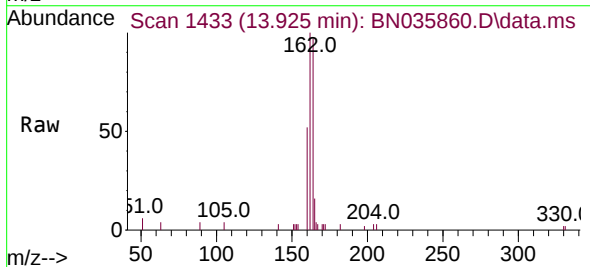
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035860.D
Acq: 26 Dec 2024 19:05

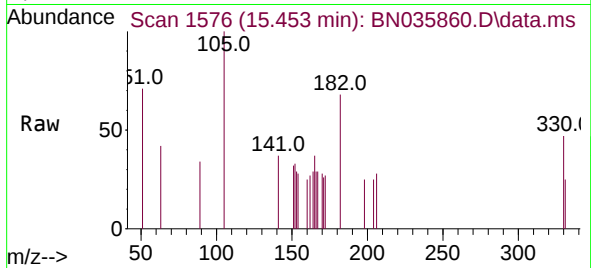
Tgt Ion:164 Resp: 3825
Ion Ratio Lower Upper
164 100
162 102.8 82.2 123.2
160 53.2 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.052 ng
RT: 15.453 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035860.D
Acq: 26 Dec 2024 19:05

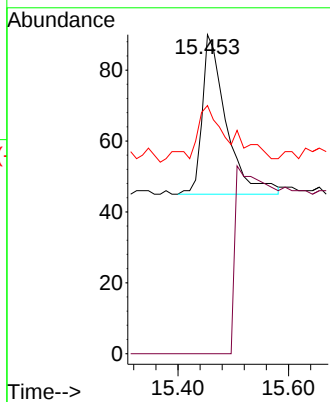
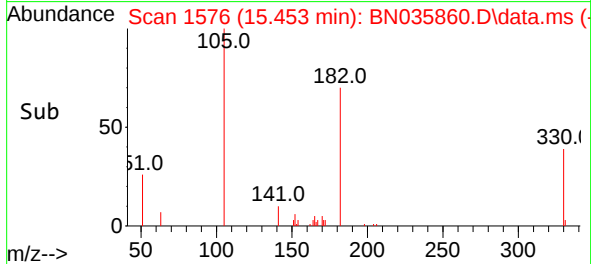
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ClientSampleId :
RE120D3-20241210DL



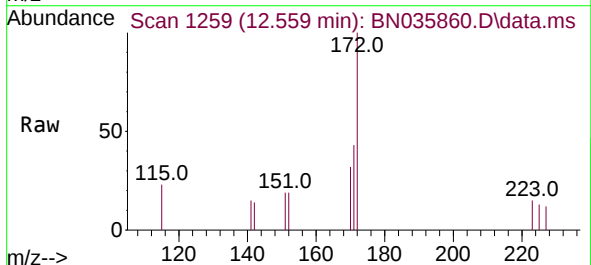
Tgt Ion:330 Resp: 14
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.4 26.6 40.0

Manual Integrations
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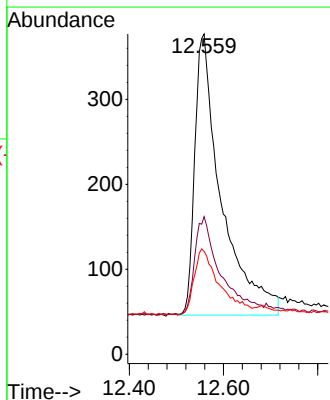
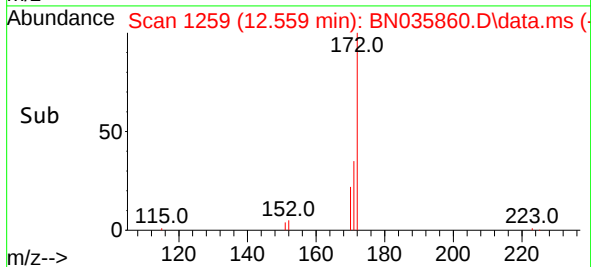
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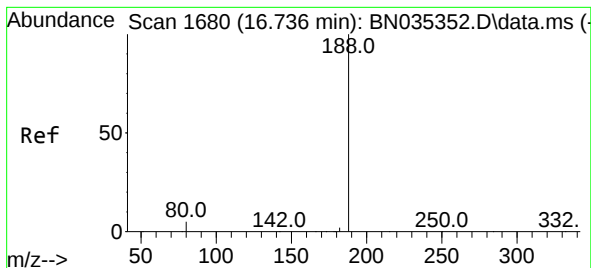


#15
2-Fluorobiphenyl
Concen: 0.090 ng
RT: 12.559 min Scan# 1259
Delta R.T. 0.015 min
Lab File: BN035860.D
Acq: 26 Dec 2024 19:05



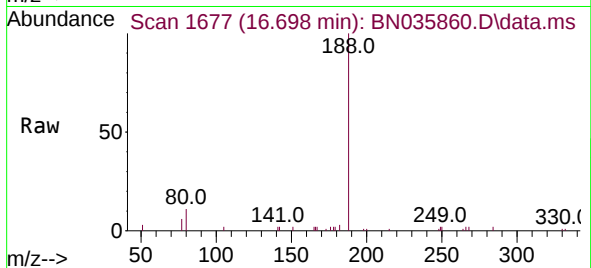
Tgt Ion:172 Resp: 1296
Ion Ratio Lower Upper
172 100
171 43.0 29.0 43.4
170 32.1 19.8 29.8#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035860.D
Acq: 26 Dec 2024 19:05

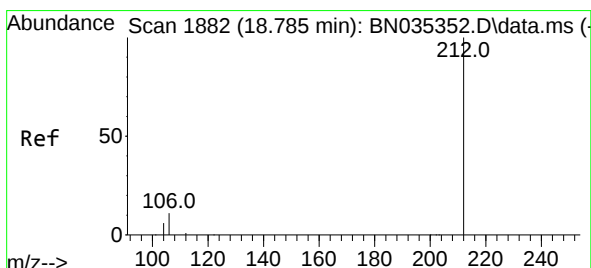
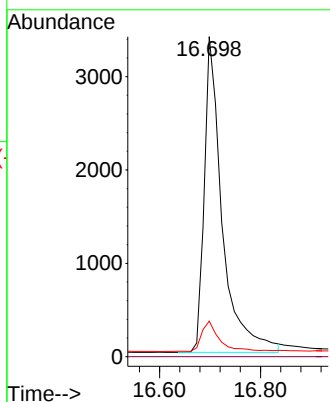
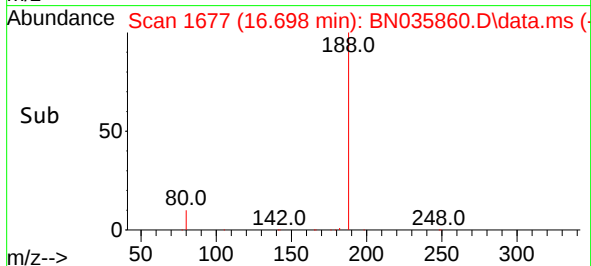
Instrument :
BNA_N
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RE120D3-20241210DL



Tgt Ion:188 Resp: 8370
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 4.6 6.8

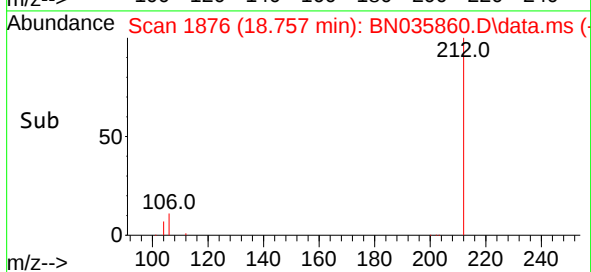
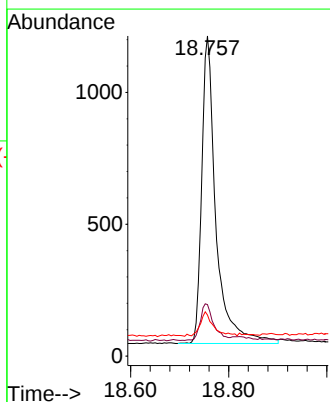
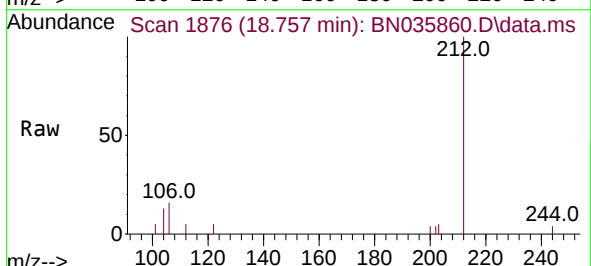
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Supervised By :mohammad ahmed 12/27/2024



#27
Fluoranthene-d10
Concen: 0.099 ng
RT: 18.757 min Scan# 1876
Delta R.T. -0.005 min
Lab File: BN035860.D
Acq: 26 Dec 2024 19:05

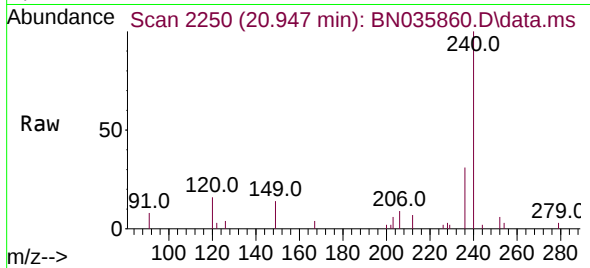
Tgt Ion:212 Resp: 2340
Ion Ratio Lower Upper
212 100
106 11.2 9.2 13.8
104 7.5 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035860.D
Acq: 26 Dec 2024 19:05

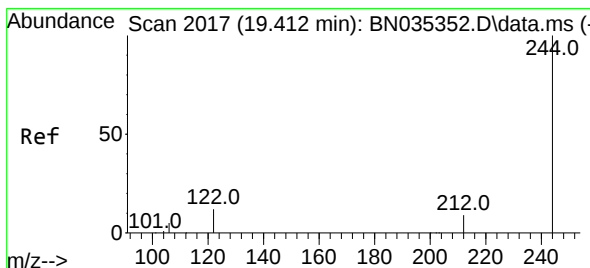
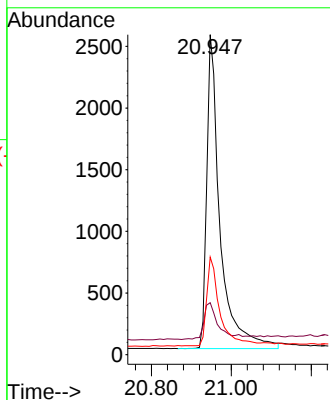
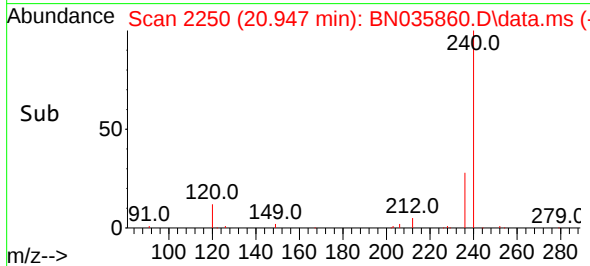
Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210DL



Tgt Ion:240 Resp: 588
Ion Ratio Lower Upper
240 100
120 16.2 7.9 11.9#
236 30.5 22.9 34.3

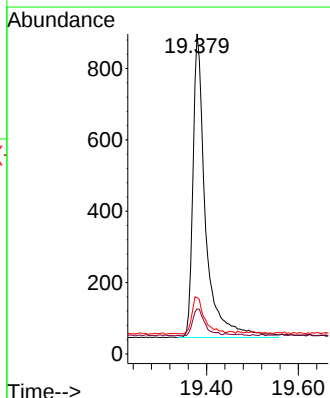
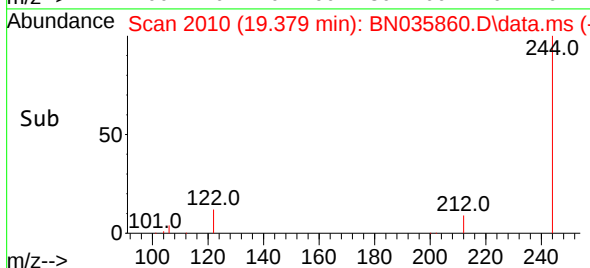
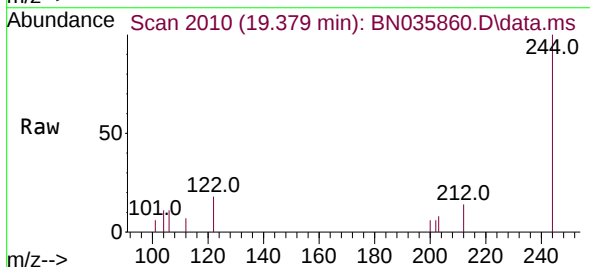
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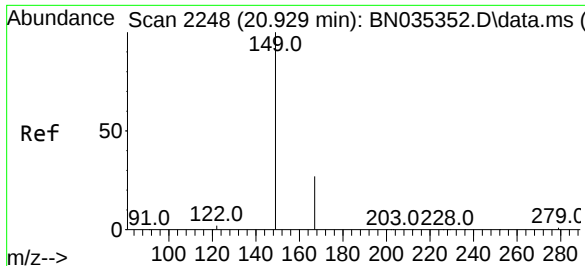
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#31
Terphenyl-d14
Concen: 0.140 ng
RT: 19.379 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BN035860.D
Acq: 26 Dec 2024 19:05

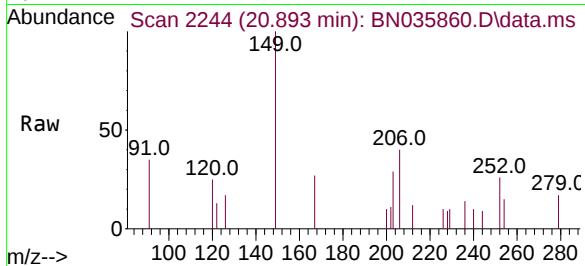
Tgt Ion:244 Resp: 1628
Ion Ratio Lower Upper
244 100
212 14.0 8.1 12.1#
122 17.6 10.3 15.5#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.034 ng
RT: 20.893 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN035860.D
Acq: 26 Dec 2024 19:05

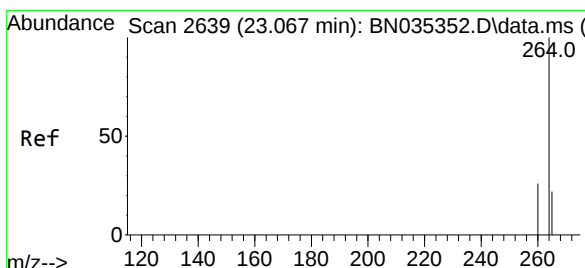
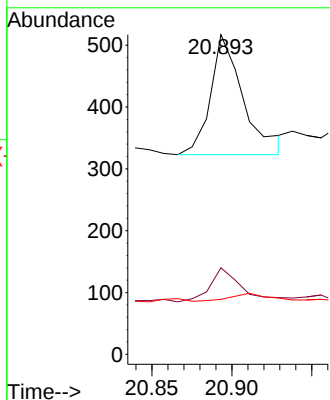
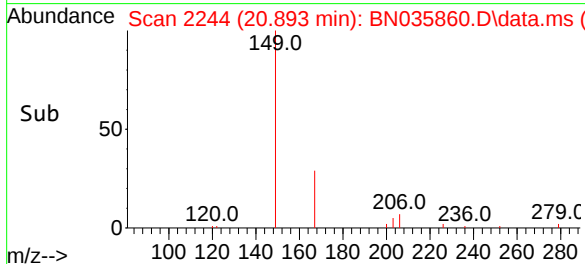
Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210DL



Tgt Ion:149 Resp: 27
Ion Ratio Lower Upper
149 100
167 24.9 22.2 33.4
279 7.9 2.7 4.1

Manual Integrations
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Supervised By :mohammad ahmed 12/27/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.029 min Scan# 2626
Delta R.T. -0.012 min
Lab File: BN035860.D
Acq: 26 Dec 2024 19:05

Tgt Ion:264 Resp: 5421
Ion Ratio Lower Upper
264 100
260 28.0 21.4 32.2
265 118.9 40.2 60.4

