

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035799.D
 Acq On : 24 Dec 2024 01:14
 Operator : RC/JU
 Sample : P5281-07
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-20241213

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 01:46:29 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3279	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	7719	0.400	ng	-0.01
13) Acenaphthene-d10	13.924	164	4881	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	10153	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	8372	0.400	ng	# 0.00
35) Perylene-d12	23.029	264	8287	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	984	0.120	ng	0.00
5) Phenol-d6	6.477	99	549	0.056	ng	-0.01
8) Nitrobenzene-d5	8.408	82	1932m	0.410	ng	0.00
11) 2-Methylnaphthalene-d10	11.610	152	4063	0.336	ng	-0.01
14) 2,4,6-Tribromophenol	15.443	330	709	0.205	ng	-0.01
15) 2-Fluorobiphenyl	12.533	172	6383	0.346	ng	-0.01
27) Fluoranthene-d10	18.752	212	12744	0.443	ng	0.00
31) Terphenyl-d14	19.379	244	9635	0.583	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.974	88	18372	5.861	ng	99
34) Bis(2-ethylhexyl)phtha...	20.902	149	1405	0.121	ng	# 96

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

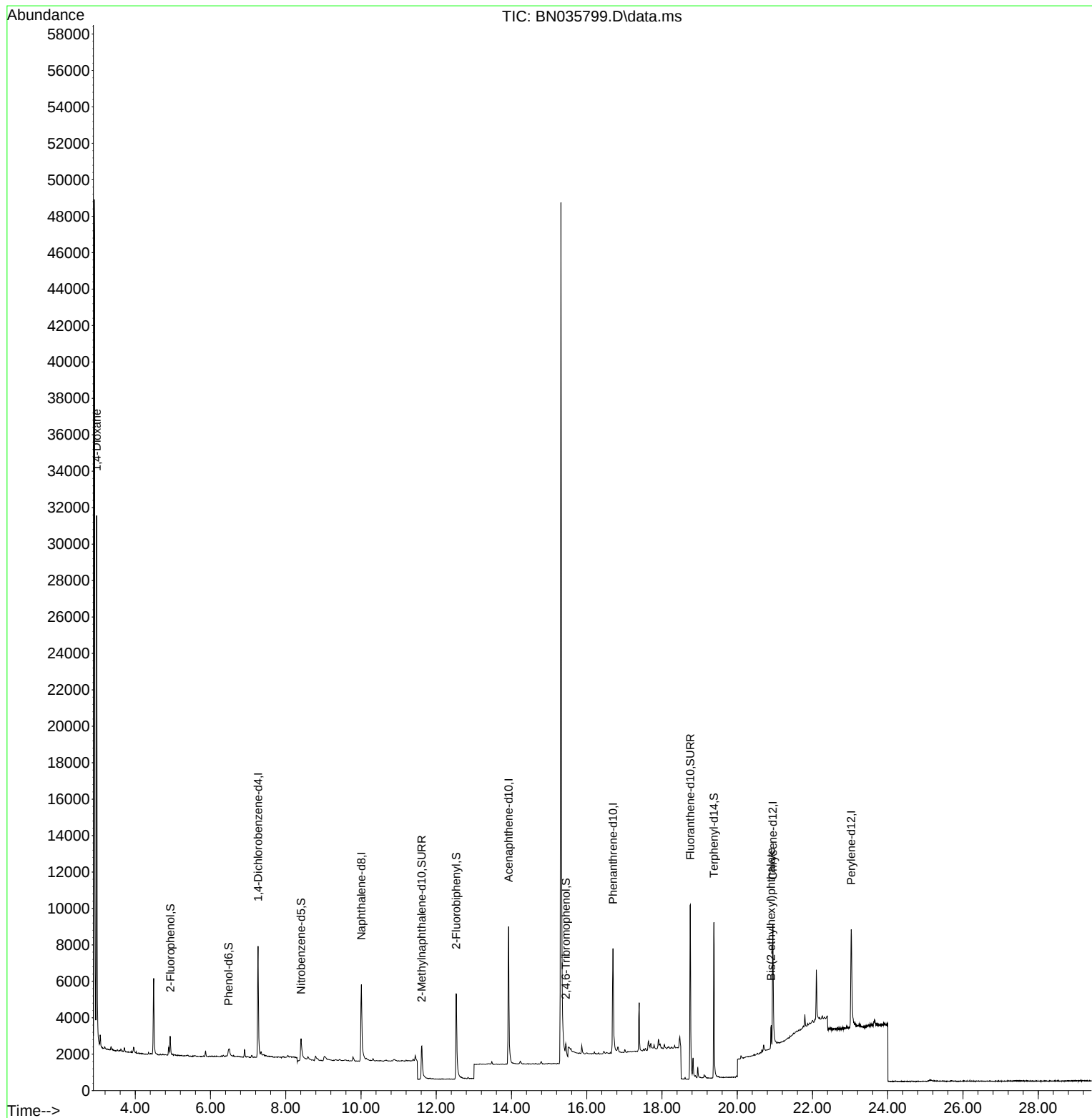
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
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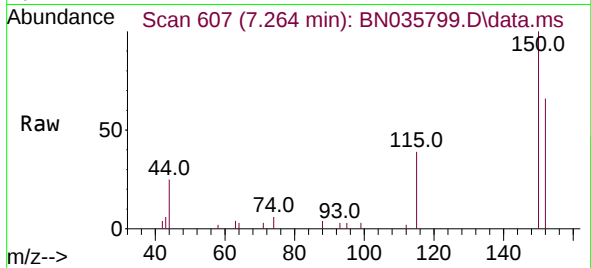
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN035799.D
Acq: 24 Dec 2024 01:14

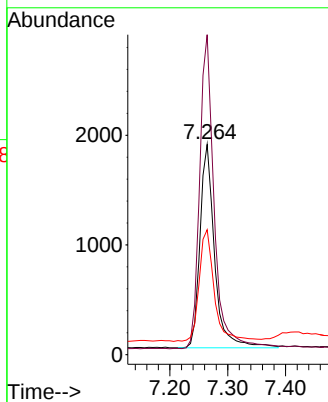
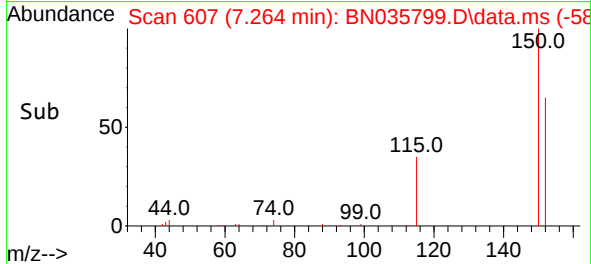
Instrument :
BNA_N
ClientSampleId :
TT189D2-20241213



Tgt Ion:152 Resp: 3279
Ion Ratio Lower Upper
152 100
150 152.2 124.0 186.0
115 59.4 49.6 74.4

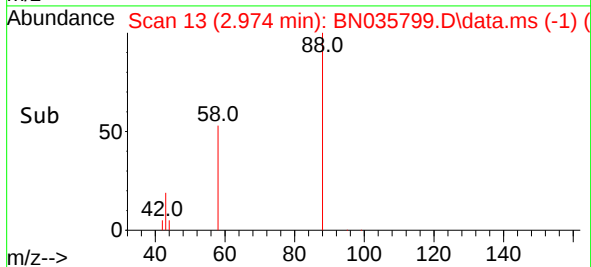
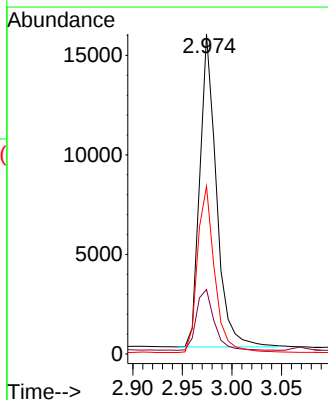
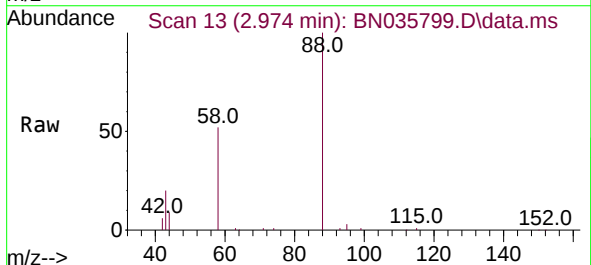
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#2
1,4-Dioxane
Concen: 5.861 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035799.D
Acq: 24 Dec 2024 01:14

Tgt Ion: 88 Resp: 18372
Ion Ratio Lower Upper
88 100
43 20.9 17.2 25.8
58 54.9 44.5 66.7





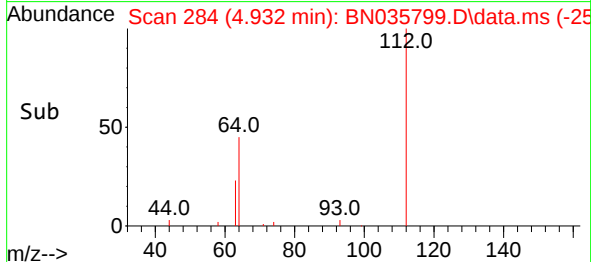
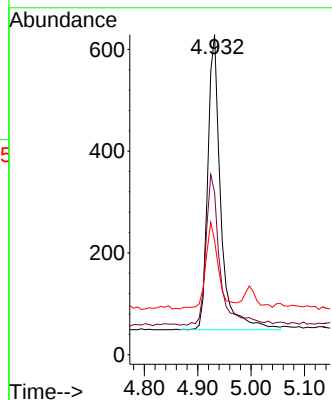
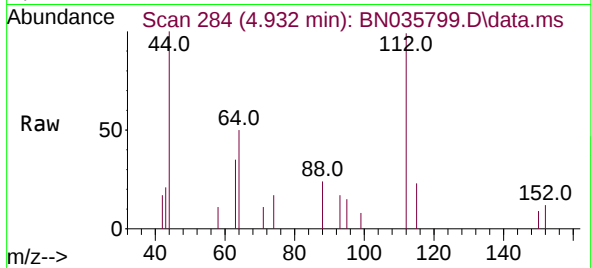
#4
2-Fluorophenol
Concen: 0.120 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035799.D
Acq: 24 Dec 2024 01:14

Instrument :
BNA_N
ClientSampleId :
TT189D2-20241213

Tgt Ion:112 Resp: 984
Ion Ratio Lower Upper
112 100
64 54.6 39.8 59.8
63 28.0 21.0 31.6

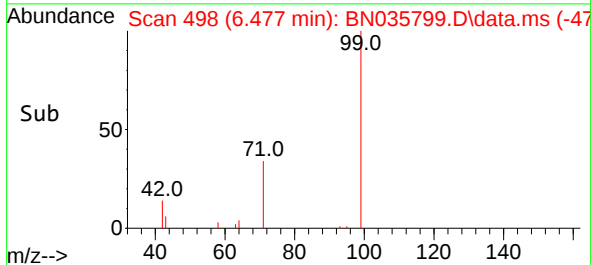
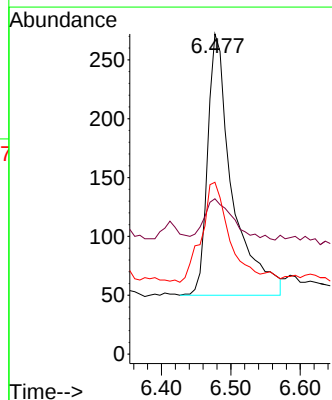
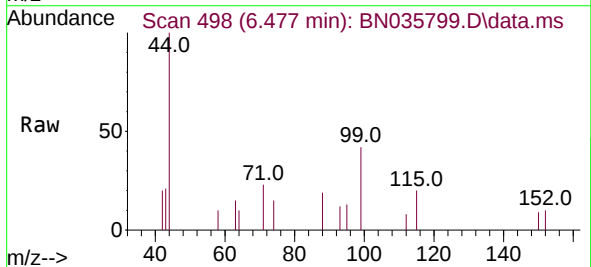
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#5
Phenol-d6
Concen: 0.056 ng
RT: 6.477 min Scan# 498
Delta R.T. -0.015 min
Lab File: BN035799.D
Acq: 24 Dec 2024 01:14

Tgt Ion: 99 Resp: 549
Ion Ratio Lower Upper
99 100
42 18.9 11.4 17.2#
71 43.0 29.3 43.9





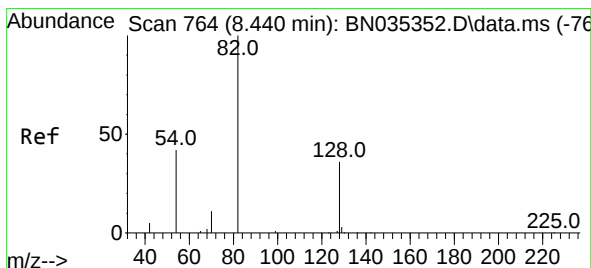
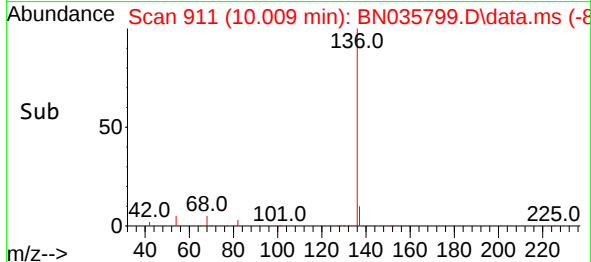
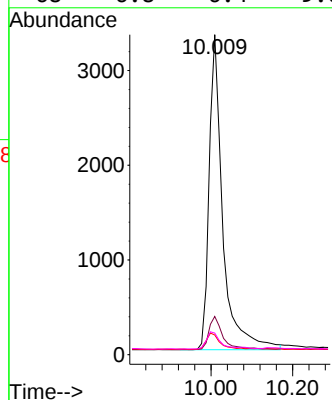
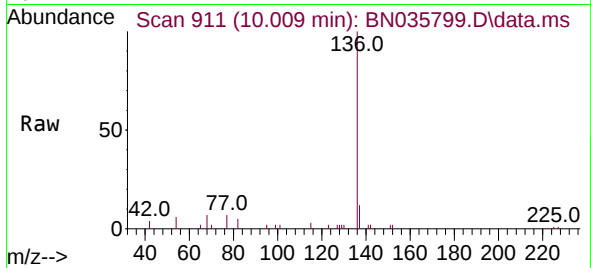
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035799.D
Acq: 24 Dec 2024 01:14

Instrument :
BNA_N
ClientSampleId :
TT189D2-20241213

Tgt Ion:	136	Resp:	7719
Ion Ratio	Lower	Upper	
136	100		
137	12.0	10.2	15.2
54	6.2	6.1	9.1
68	6.8	6.4	9.6

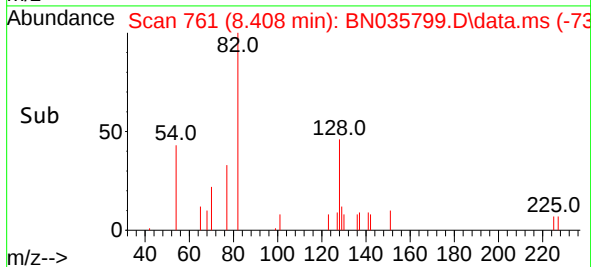
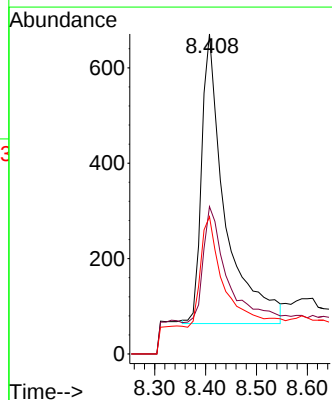
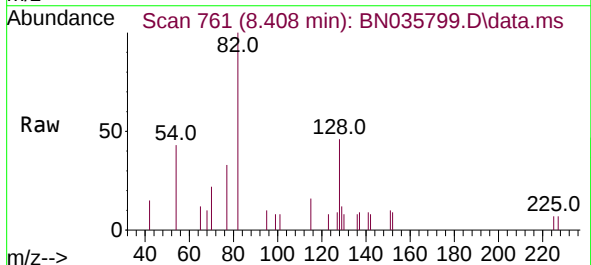
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#8
Nitrobenzene-d5
Concen: 0.410 ng m
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035799.D
Acq: 24 Dec 2024 01:14

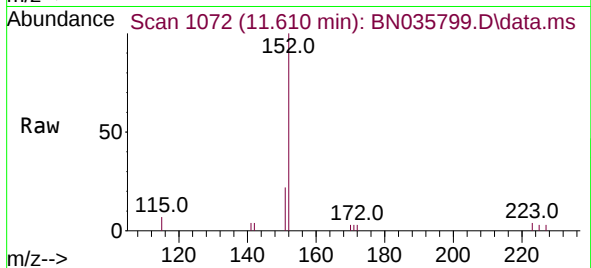
Tgt Ion:	82	Resp:	1932
Ion Ratio	Lower	Upper	
82	100		
128	46.1	33.4	50.0
54	42.9	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 11.610 min Scan# 1081
Delta R.T. -0.010 min
Lab File: BN035799.D
Acq: 24 Dec 2024 01:14

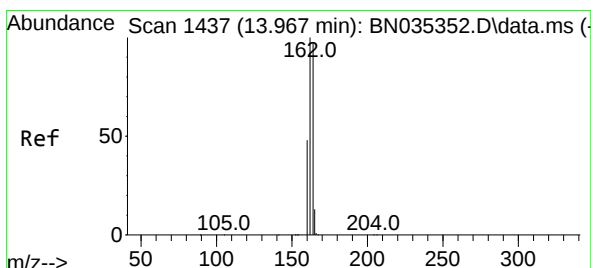
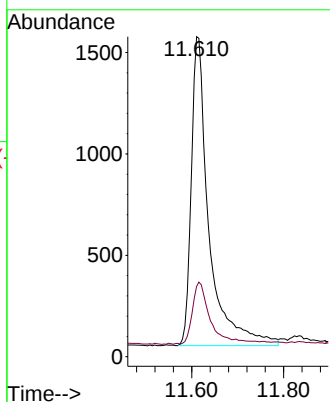
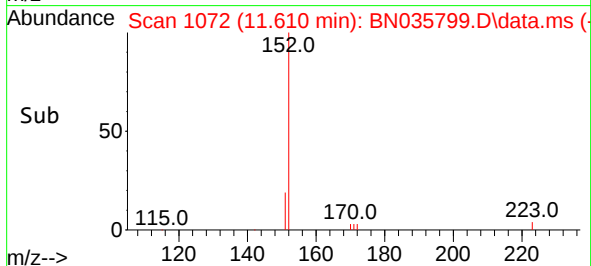
Instrument :
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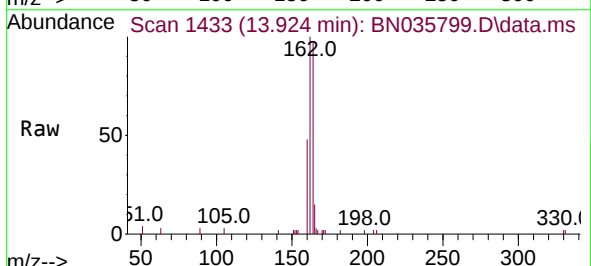
Tgt Ion:152 Resp: 4061
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0

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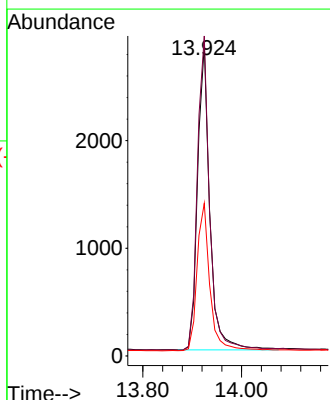
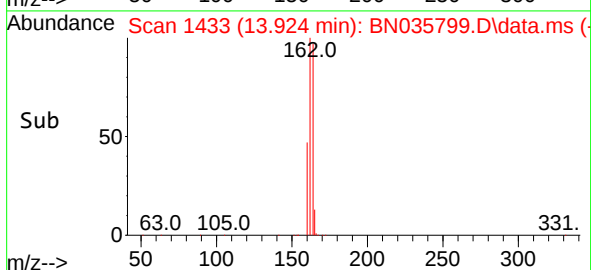
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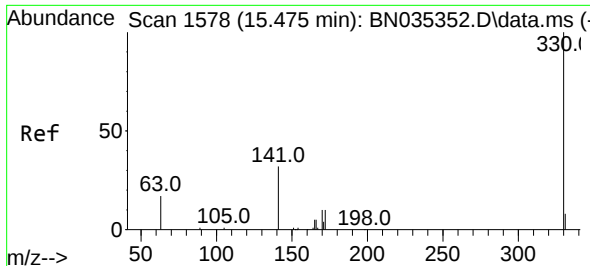


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035799.D
Acq: 24 Dec 2024 01:14



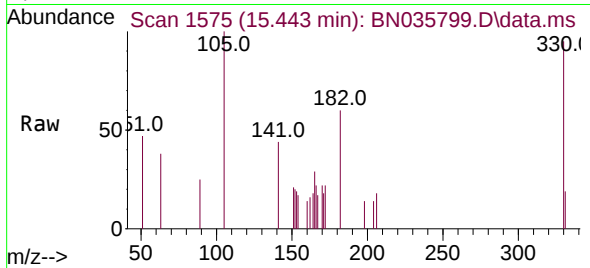
Tgt Ion:164 Resp: 4881
Ion Ratio Lower Upper
164 100
162 102.9 82.2 123.2
160 49.1 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.205 ng
RT: 15.443 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035799.D
Acq: 24 Dec 2024 01:14

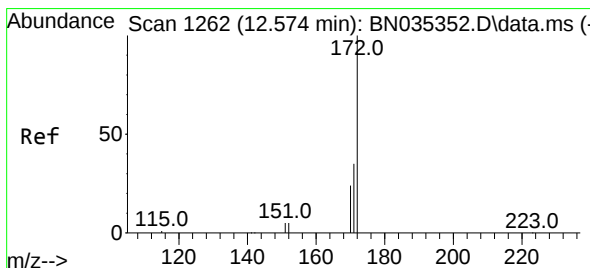
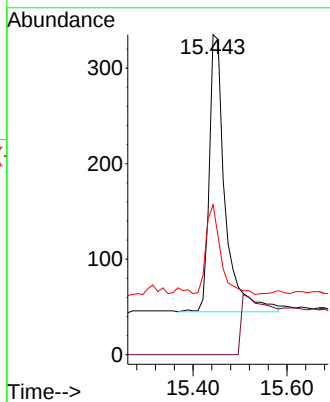
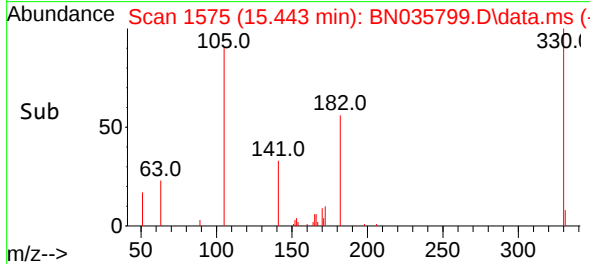
Instrument :
BNA_N
ClientSampleId :
TT189D2-20241213



Tgt Ion:330 Resp: 709
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.8 26.6 40.0

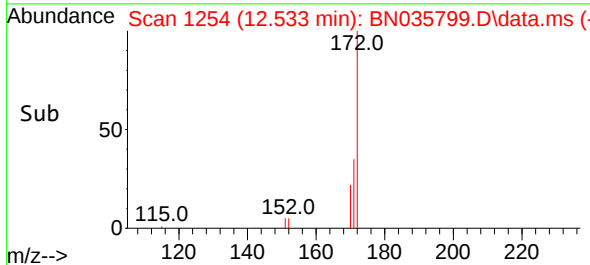
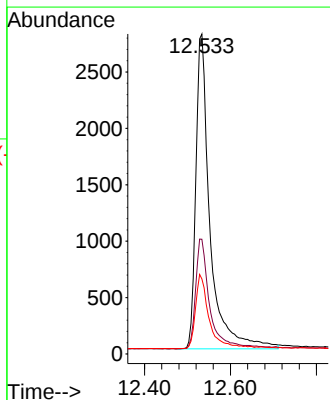
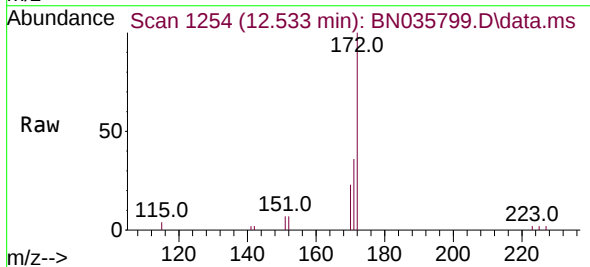
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#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.533 min Scan# 1254
Delta R.T. -0.010 min
Lab File: BN035799.D
Acq: 24 Dec 2024 01:14

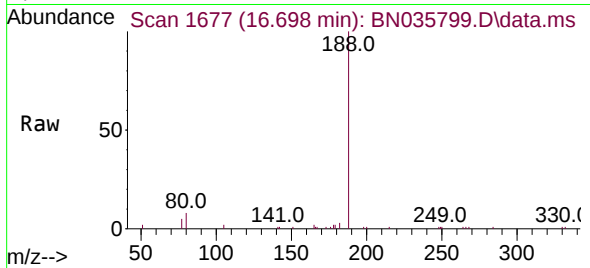
Tgt Ion:172 Resp: 6383
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 23.5 19.8 29.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BN035799.D
Acq: 24 Dec 2024 01:14

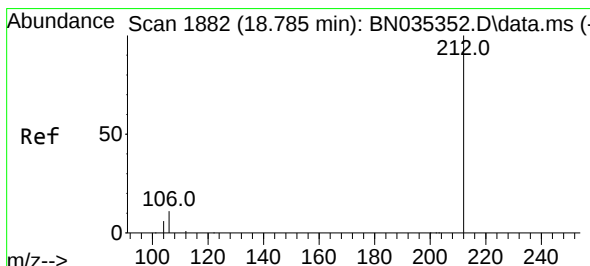
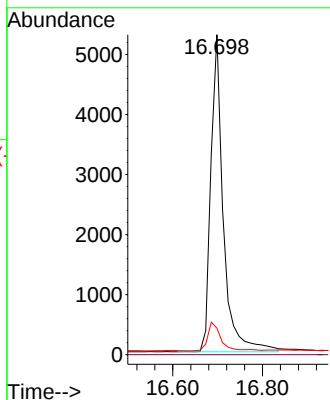
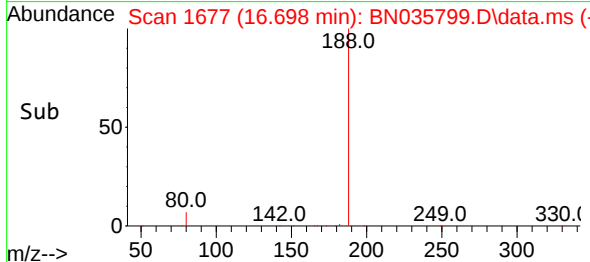
Instrument :
BNA_N
ClientSampleId :
TT189D2-20241213



Tgt Ion:188 Resp: 1015
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 4.6 6.8

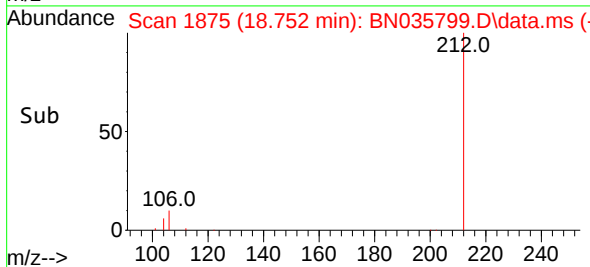
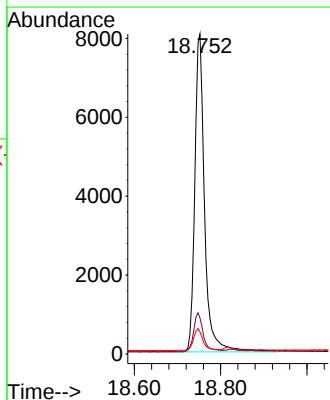
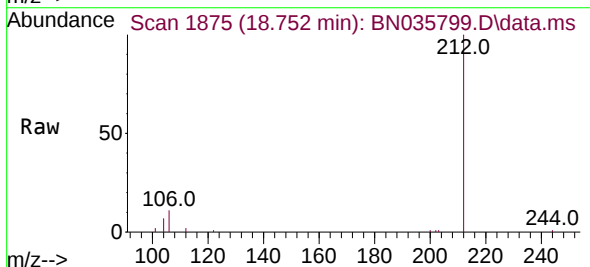
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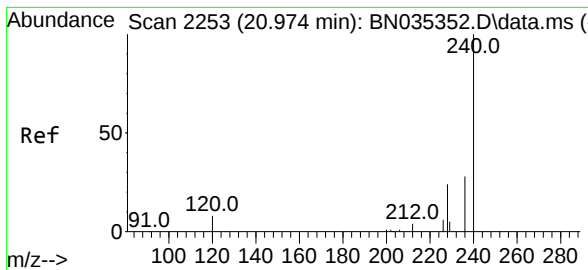
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#27
Fluoranthene-d10
Concen: 0.443 ng
RT: 18.752 min Scan# 1875
Delta R.T. -0.009 min
Lab File: BN035799.D
Acq: 24 Dec 2024 01:14

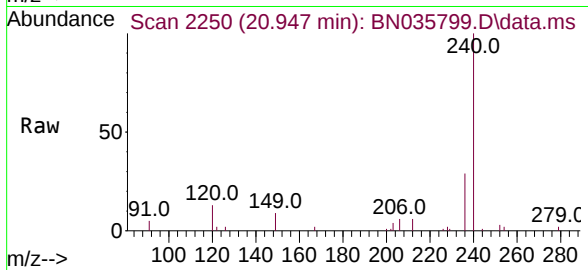
Tgt Ion:212 Resp: 12744
Ion Ratio Lower Upper
212 100
106 11.6 9.2 13.8
104 6.5 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 210
Delta R.T. -0.009 min
Lab File: BN035799.D
Acq: 24 Dec 2024 01:14

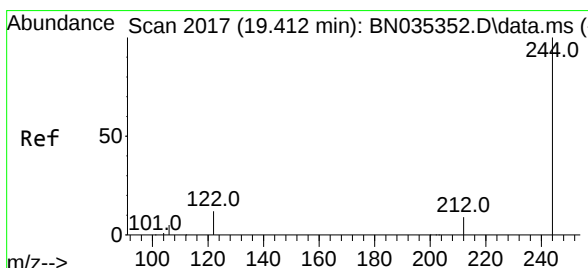
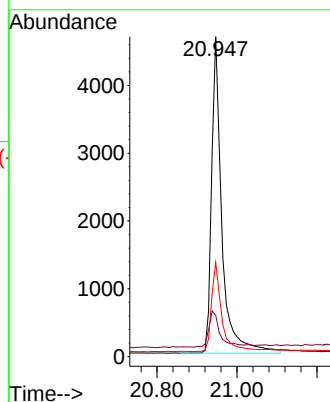
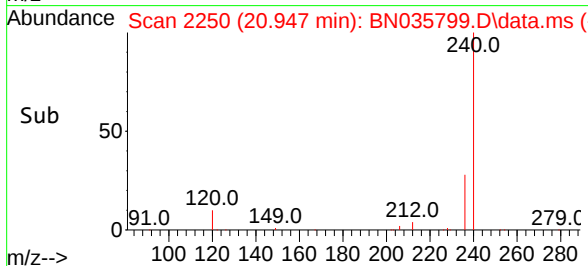
Instrument :
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TT189D2-20241213



Tgt Ion:240 Resp: 8372
Ion Ratio Lower Upper
240 100
120 12.9 7.9 11.9
236 29.5 22.9 34.3

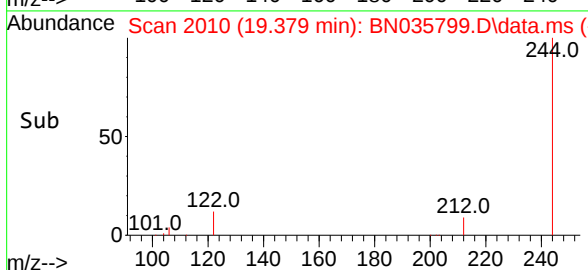
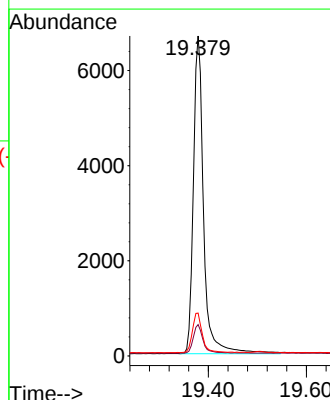
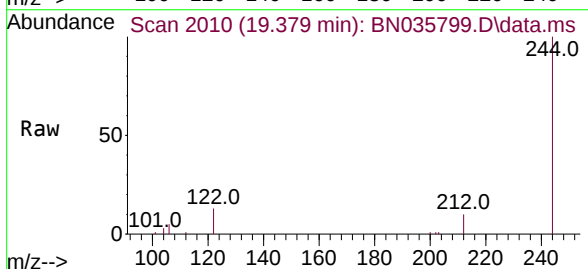
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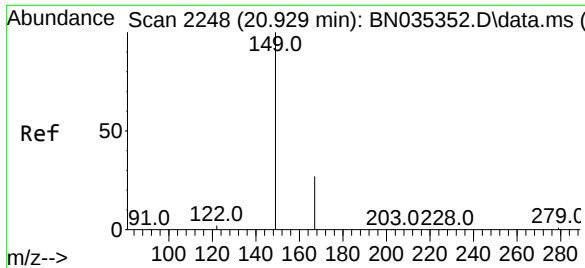
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#31
Terphenyl-d14
Concen: 0.583 ng
RT: 19.379 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BN035799.D
Acq: 24 Dec 2024 01:14

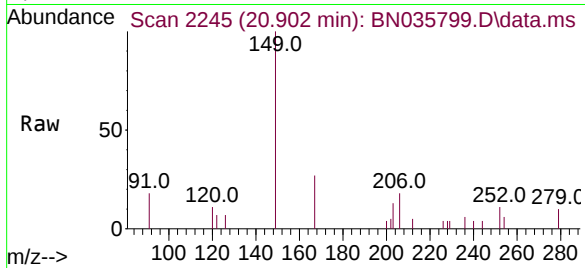
Tgt Ion:244 Resp: 9635
Ion Ratio Lower Upper
244 100
212 9.8 8.1 12.1
122 13.4 10.3 15.5





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.121 ng
 RT: 20.902 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN035799.D
 Acq: 24 Dec 2024 01:14

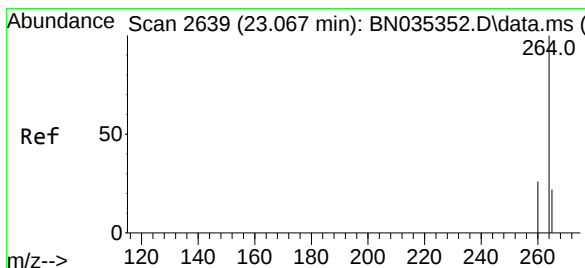
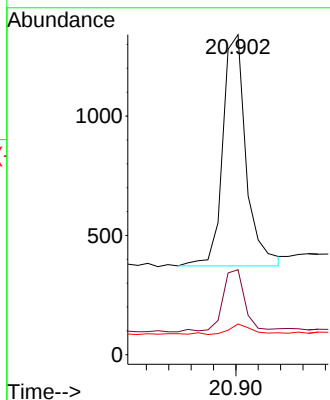
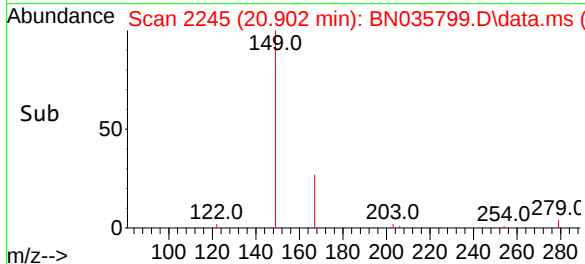
Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-20241213



Tgt Ion:149 Resp: 1409
 Ion Ratio Lower Upper
 149 100
 167 25.7 22.2 33.4
 279 4.6 2.7 4.1

Manual Integrations
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 Supervised By :mohammad ahmed 12/26/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.029 min Scan# 2626
 Delta R.T. -0.012 min
 Lab File: BN035799.D
 Acq: 24 Dec 2024 01:14

Tgt Ion:264 Resp: 8287
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.4 32.2
 265 77.4 40.2 60.4

