

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035718.D
 Acq On : 19 Dec 2024 23:34
 Operator : RC/JU
 Sample : P5261-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20241209

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 00:06:25 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	3198	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8727	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	5748	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	12085	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	10091	0.400	ng	0.00
35) Perylene-d12	23.041	264	11286	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	982	0.123	ng	0.00
5) Phenol-d6	6.492	99	553	0.057	ng	0.00
8) Nitrobenzene-d5	8.408	82	2148m	0.403	ng	0.00
11) 2-Methylnaphthalene-d10	11.621	152	5118	0.375	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	836	0.205	ng	0.00
15) 2-Fluorobiphenyl	12.544	172	7434	0.342	ng	0.00
27) Fluoranthene-d10	18.761	212	12863	0.375	ng	0.00
31) Terphenyl-d14	19.389	244	11596	0.583	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.982	88	1342	0.439	ng	92
34) Bis(2-ethylhexyl)phtha...	20.911	149	812	0.058	ng	# 94

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

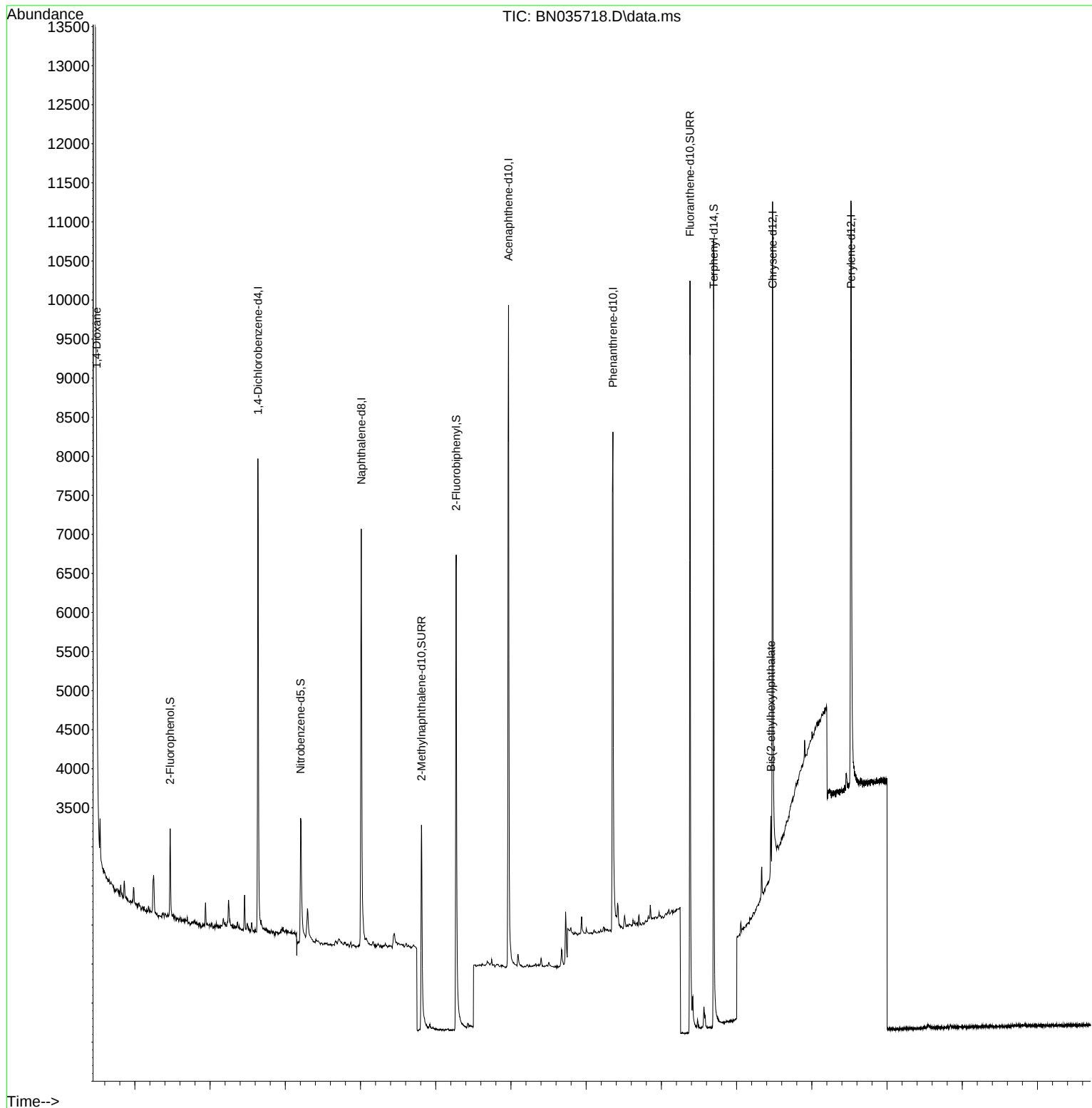
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
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APPROVED

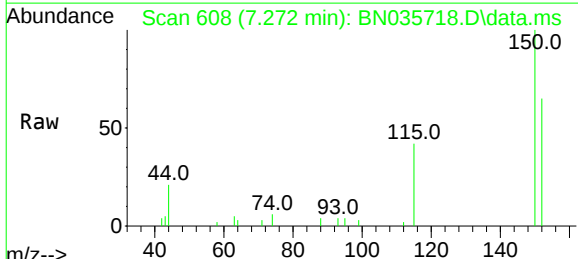
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

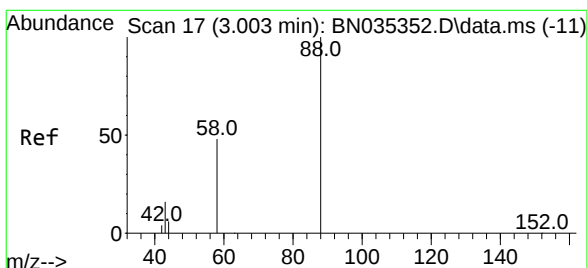
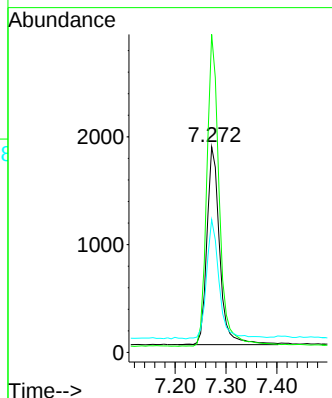
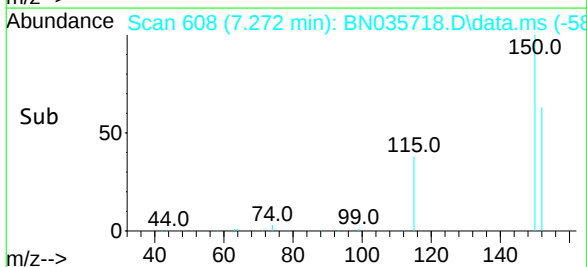
Instrument :
BNA_N
ClientSampleId :
RE103D2-20241209



Tgt Ion: 152 Resp: 3198
Ion Ratio Lower Upper
152 100
150 154.7 124.0 186.0
115 64.6 49.6 74.4

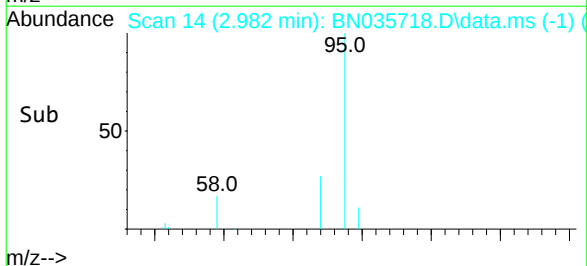
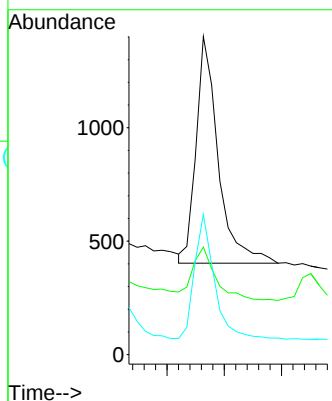
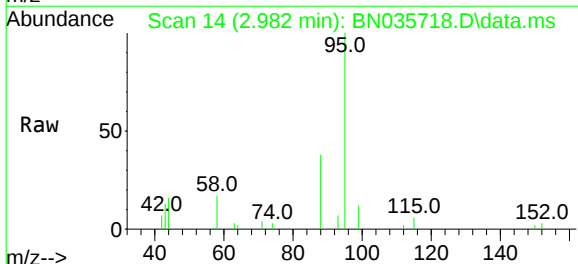
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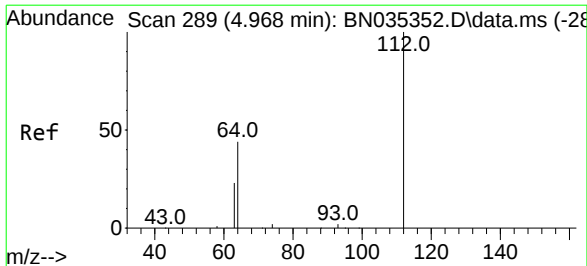
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#2
1,4-Dioxane
Concen: 0.439 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

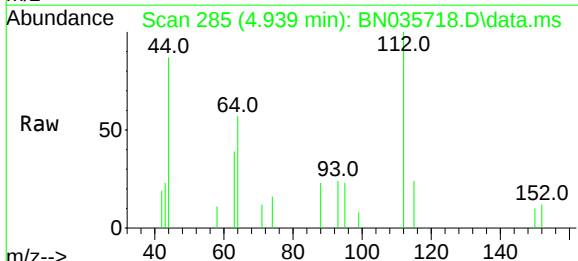
Tgt Ion: 88 Resp: 1342
Ion Ratio Lower Upper
88 100
43 24.7 17.2 25.8
58 49.8 44.5 66.7





#4
2-Fluorophenol
Concen: 0.123 ng
RT: 4.939 min Scan# 28
Delta R.T. -0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

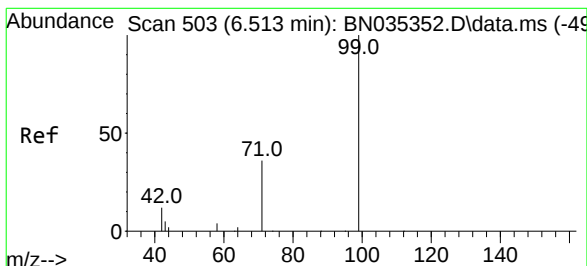
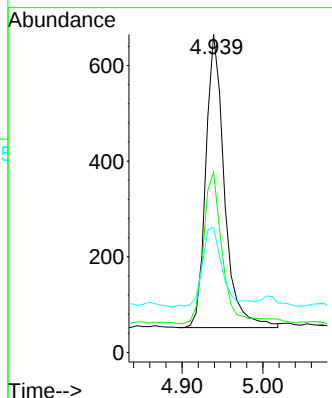
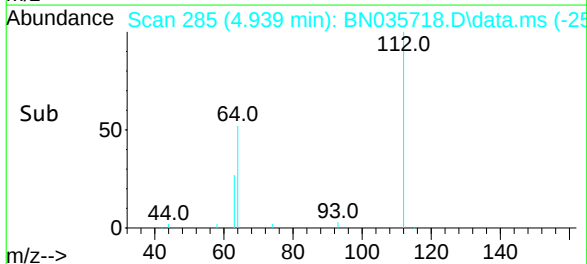
Instrument :
BNA_N
ClientSampleId :
RE103D2-20241209



Tgt Ion:	112	Resp:	982
Ion	Ratio	Lower	Upper
112	100		
64	53.5	39.8	59.8
63	30.4	21.0	31.6

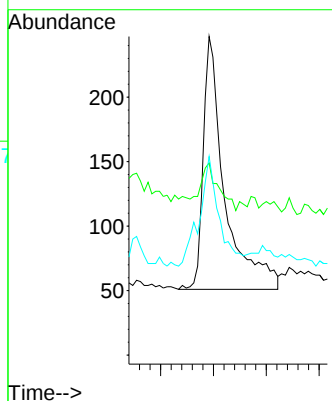
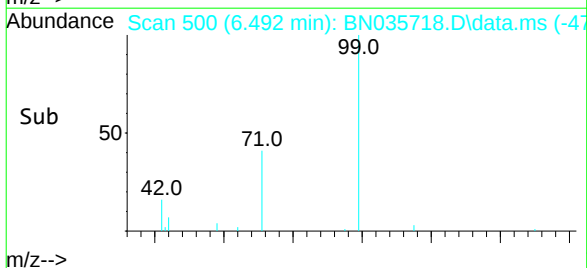
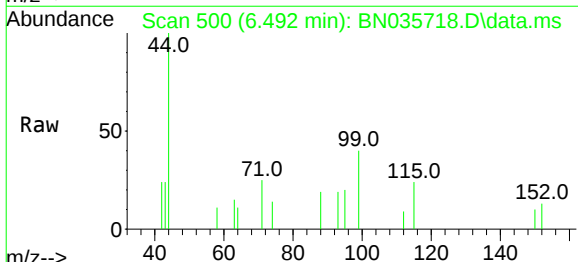
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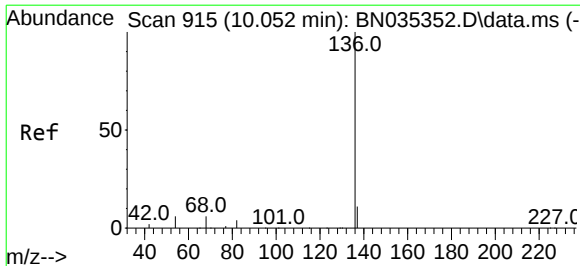
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.057 ng
RT: 6.492 min Scan# 500
Delta R.T. 0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

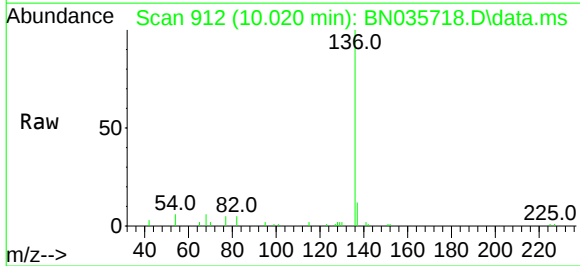
Tgt Ion:	99	Resp:	553
Ion	Ratio	Lower	Upper
99	100		
42	17.2	11.4	17.2#
71	40.1	29.3	43.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

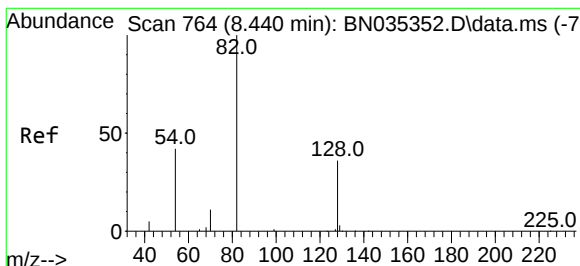
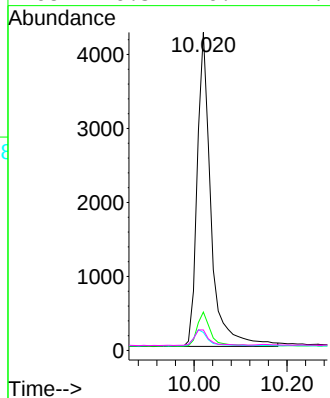
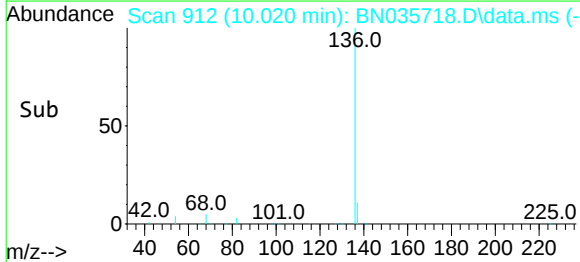
Instrument :
BNA_N
ClientSampleId :
RE103D2-20241209



Tgt Ion:	136	Resp:	8727
Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.2	15.2
54	5.7	6.1	9.1#
68	6.5	6.4	9.6

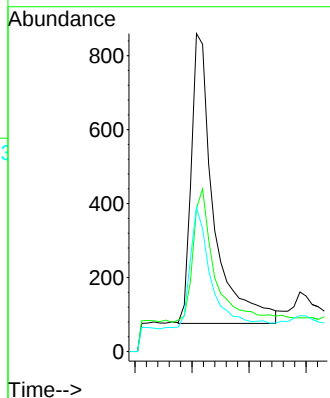
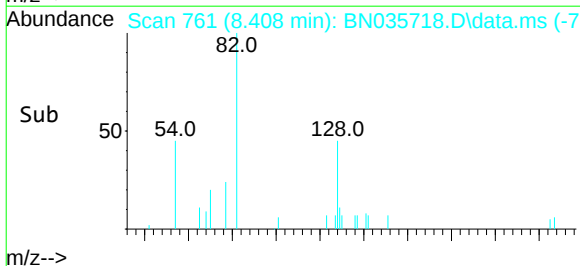
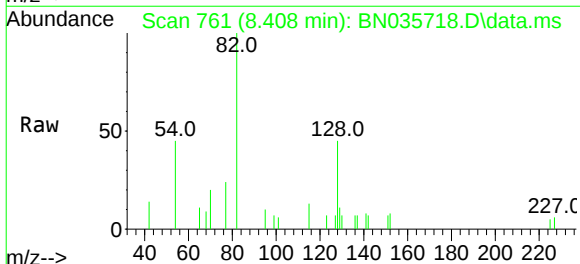
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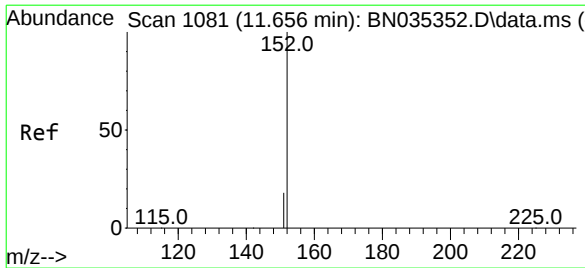
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#8
Nitrobenzene-d5
Concen: 0.403 ng m
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

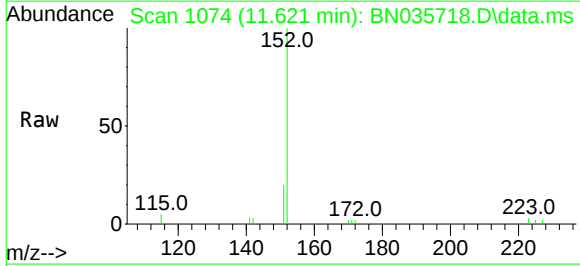
Tgt Ion:	82	Resp:	2148
Ion	Ratio	Lower	Upper
82	100		
128	45.0	33.4	50.0
54	45.3	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 11.621 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

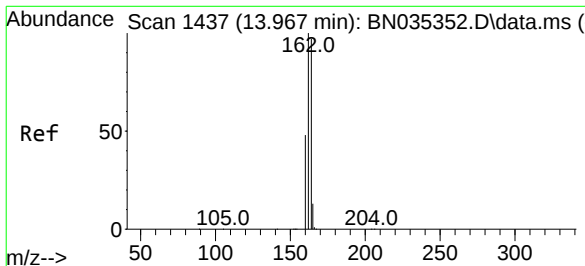
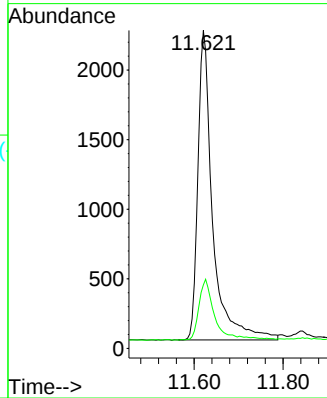
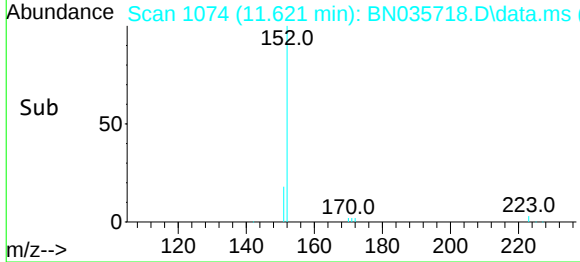
Instrument :
BNA_N
ClientSampleId :
RE103D2-20241209



Tgt Ion:152 Resp: 5118
Ion Ratio Lower Upper
152 100
151 20.9 16.6 25.0

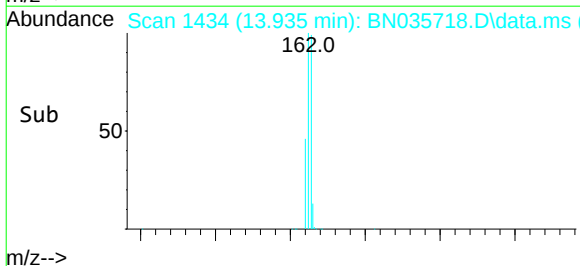
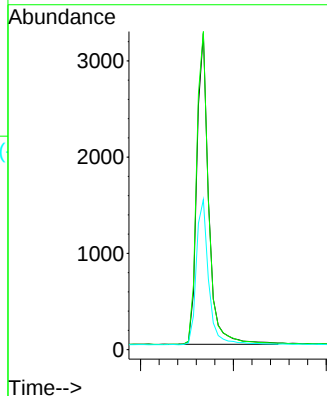
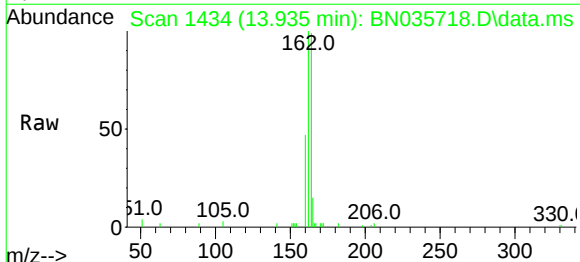
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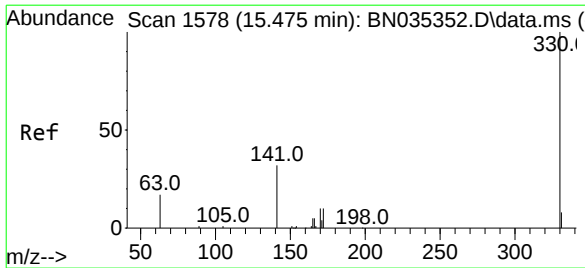
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

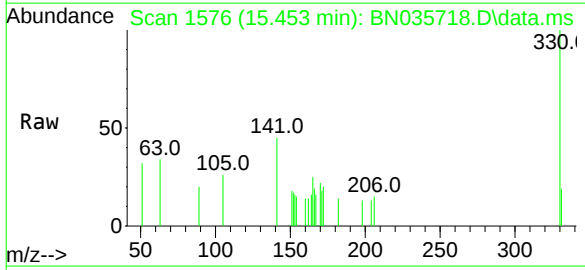
Tgt Ion:164 Resp: 5748
Ion Ratio Lower Upper
164 100
162 100.6 82.2 123.2
160 47.4 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.205 ng
RT: 15.453 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

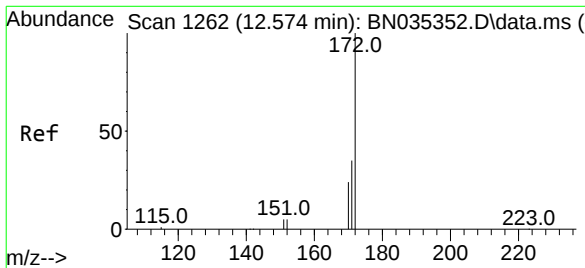
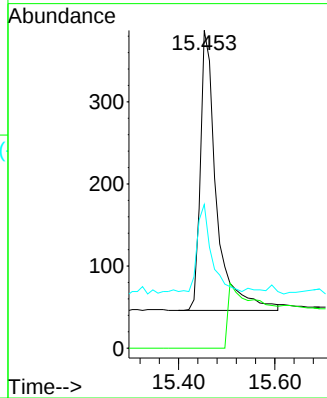
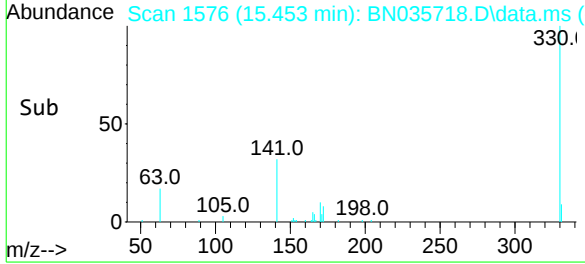
Instrument :
BNA_N
ClientSampleId :
RE103D2-20241209



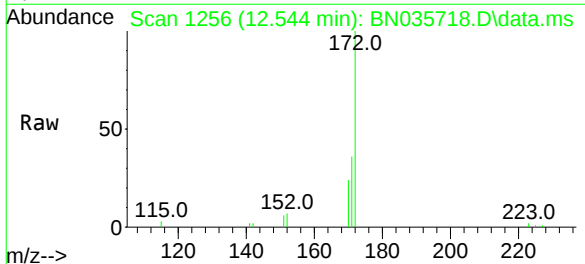
Tgt Ion: 330 Resp: 836
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.0 26.6 40.0

Manual Integrations
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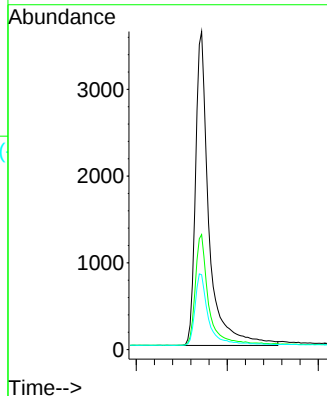
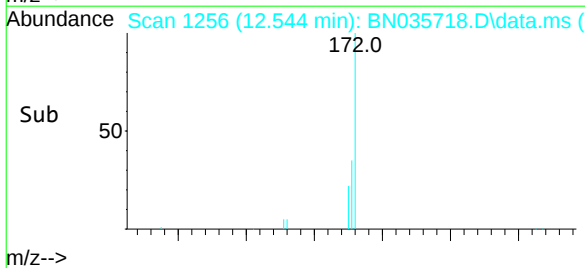
Reviewed By : Yogesh Patel 12/21/2024
Supervised By : mohammad ahmed 12/24/2024

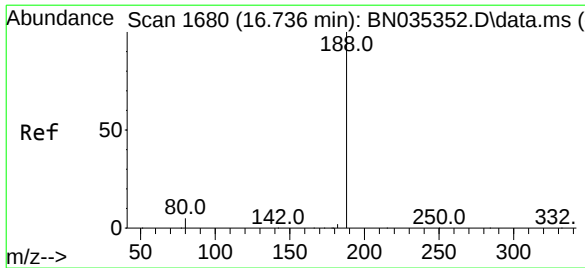


#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 12.544 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34



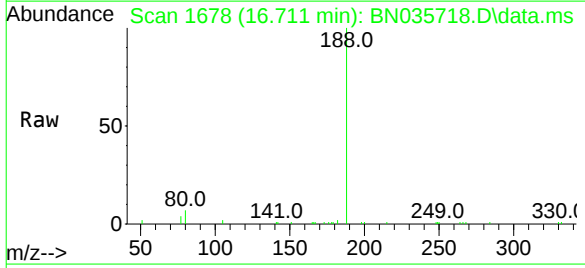
Tgt Ion: 172 Resp: 7434
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 23.5 19.8 29.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.711 min Scan# 1678
Delta R.T. 0.012 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

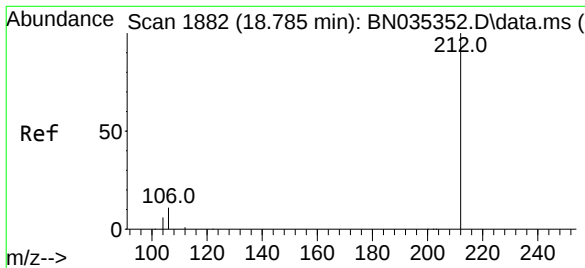
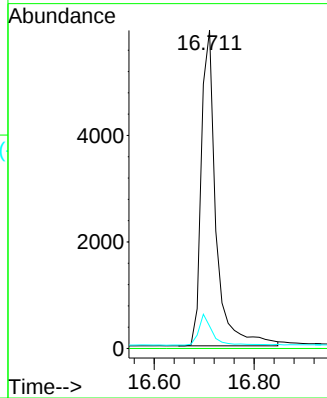
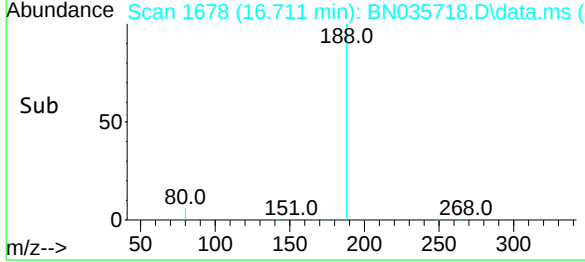
Instrument :
BNA_N
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RE103D2-20241209



Tgt Ion:188 Resp: 12085
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 4.6 6.8#

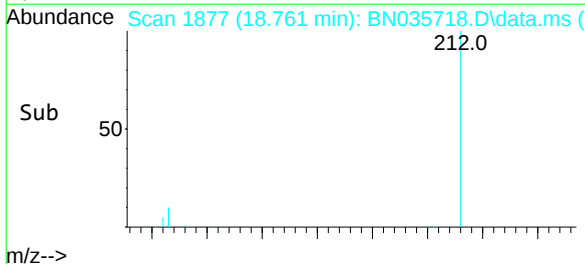
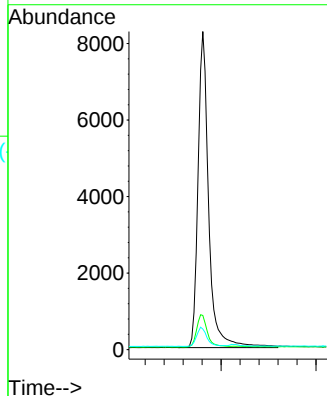
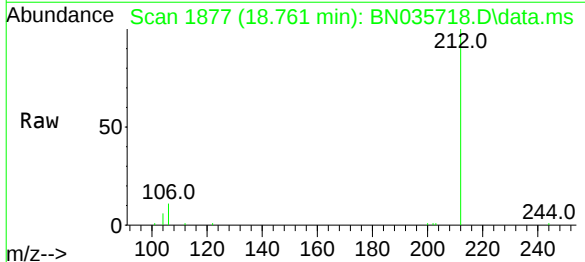
Manual Integrations
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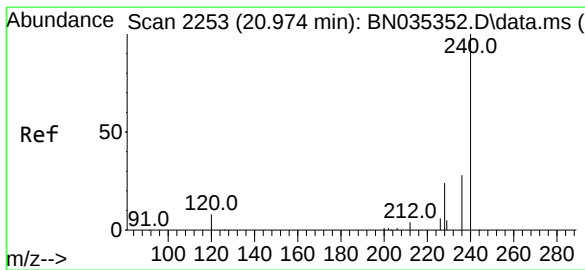
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Fluoranthene-d10
Concen: 0.375 ng
RT: 18.761 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

Tgt Ion:212 Resp: 12863
Ion Ratio Lower Upper
212 100
106 10.2 9.2 13.8
104 5.8 5.3 7.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 20.956 min Scan# 22

Delta R.T. 0.000 min

Lab File: BN035718.D

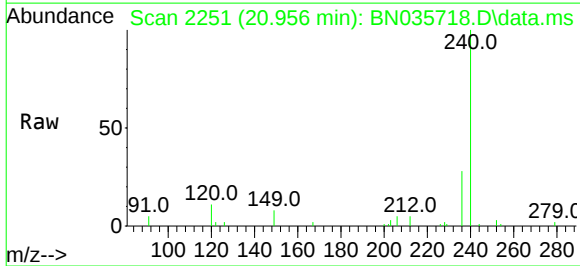
Acq: 19 Dec 2024 23:34

Instrument :

BNA_N

ClientSampleId :

RE103D2-20241209



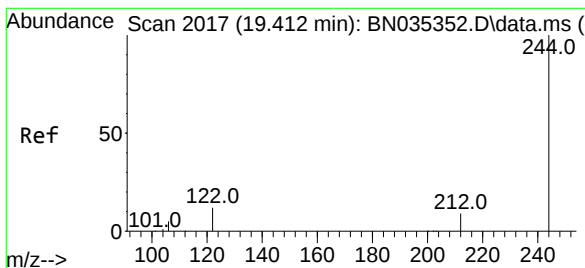
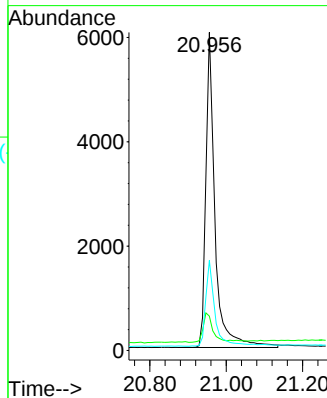
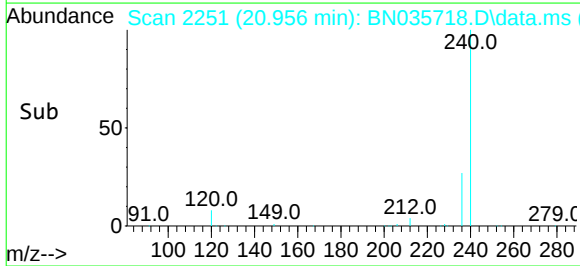
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.9	11.9
236	28.3	22.9	34.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/24/2024



#31

Terphenyl-d14

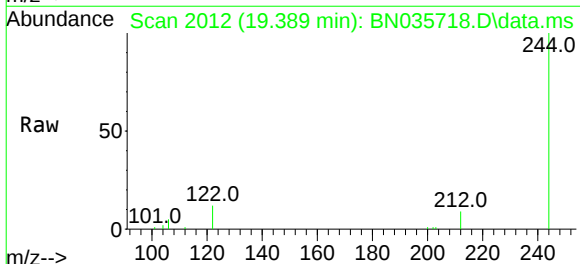
Concen: 0.583 ng

RT: 19.389 min Scan# 2012

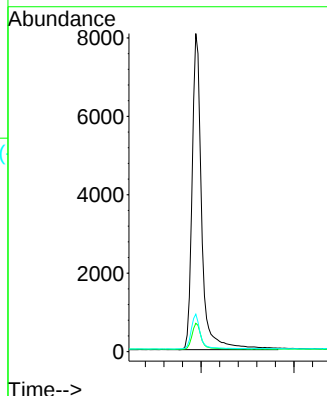
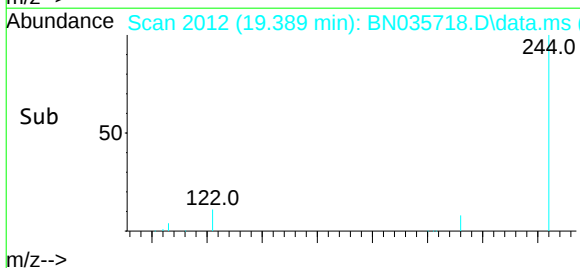
Delta R.T. -0.000 min

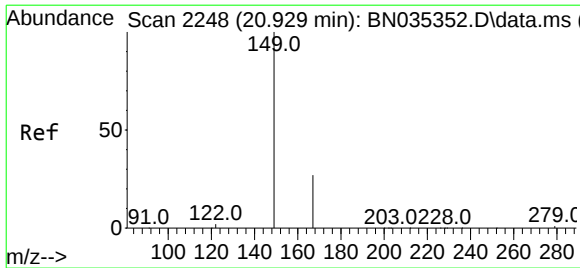
Lab File: BN035718.D

Acq: 19 Dec 2024 23:34



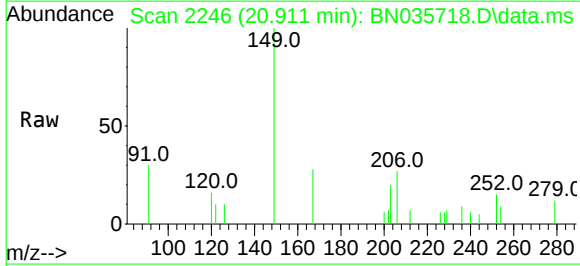
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	8.1	12.1
122	11.8	10.3	15.5





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.058 ng
RT: 20.911 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BN035718.D
Acq: 19 Dec 2024 23:34

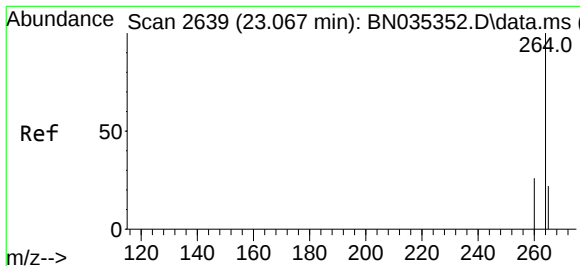
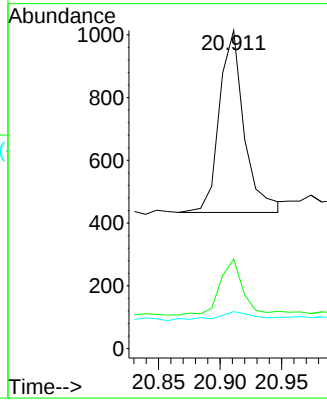
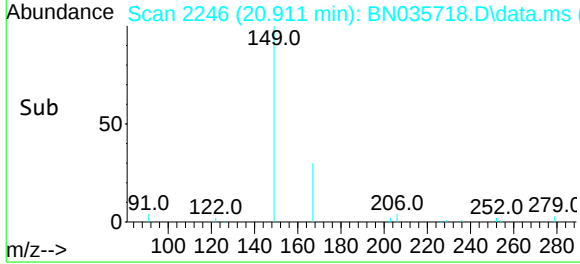
Instrument :
BNA_N
ClientSampleId :
RE103D2-20241209



Tgt Ion:	149	Resp:	812
Ion	Ratio	Lower	Upper
149	100		
167	30.3	22.2	33.4
279	7.8	2.7	4.1#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/21/2024
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: BN035718.D
Acq: 19 Dec 2024 23:34

Tgt Ion:	264	Resp:	11286
Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.4	32.2
265	64.9	40.2	60.4#

