

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032595.D
 Acq On : 09 Jul 2024 20:11
 Operator : MA/JU
 Sample : PB161831BL
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB161831BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2024
 Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 01:01:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	4050m	0.400	ng	0.02
7) Naphthalene-d8	10.432	136	12171m	0.400	ng	0.05
13) Acenaphthene-d10	14.253	164	7877	0.400	ng	0.02
19) Phenanthrene-d10	17.041	188	15292	0.400	ng	# 0.04
29) Chrysene-d12	21.229	240	12121	0.400	ng	# 0.02
35) Perylene-d12	23.437	264	11972	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	3681	0.360	ng	0.00
5) Phenol-d6	6.938	99	4595m	0.351	ng	0.12
8) Nitrobenzene-d5	8.937	82	3127m	0.344	ng	0.14
11) 2-Methylnaphthalene-d10	12.051	152	6901m	0.359	ng	0.07
14) 2,4,6-Tribromophenol	15.825	330	742m	0.208	ng	0.06
15) 2-Fluorobiphenyl	12.927	172	9962m	0.343	ng	0.06
27) Fluoranthene-d10	19.058	212	14935	0.375	ng	0.01
31) Terphenyl-d14	19.658	244	10469	0.354	ng	0.00

Target Compounds Qvalue

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

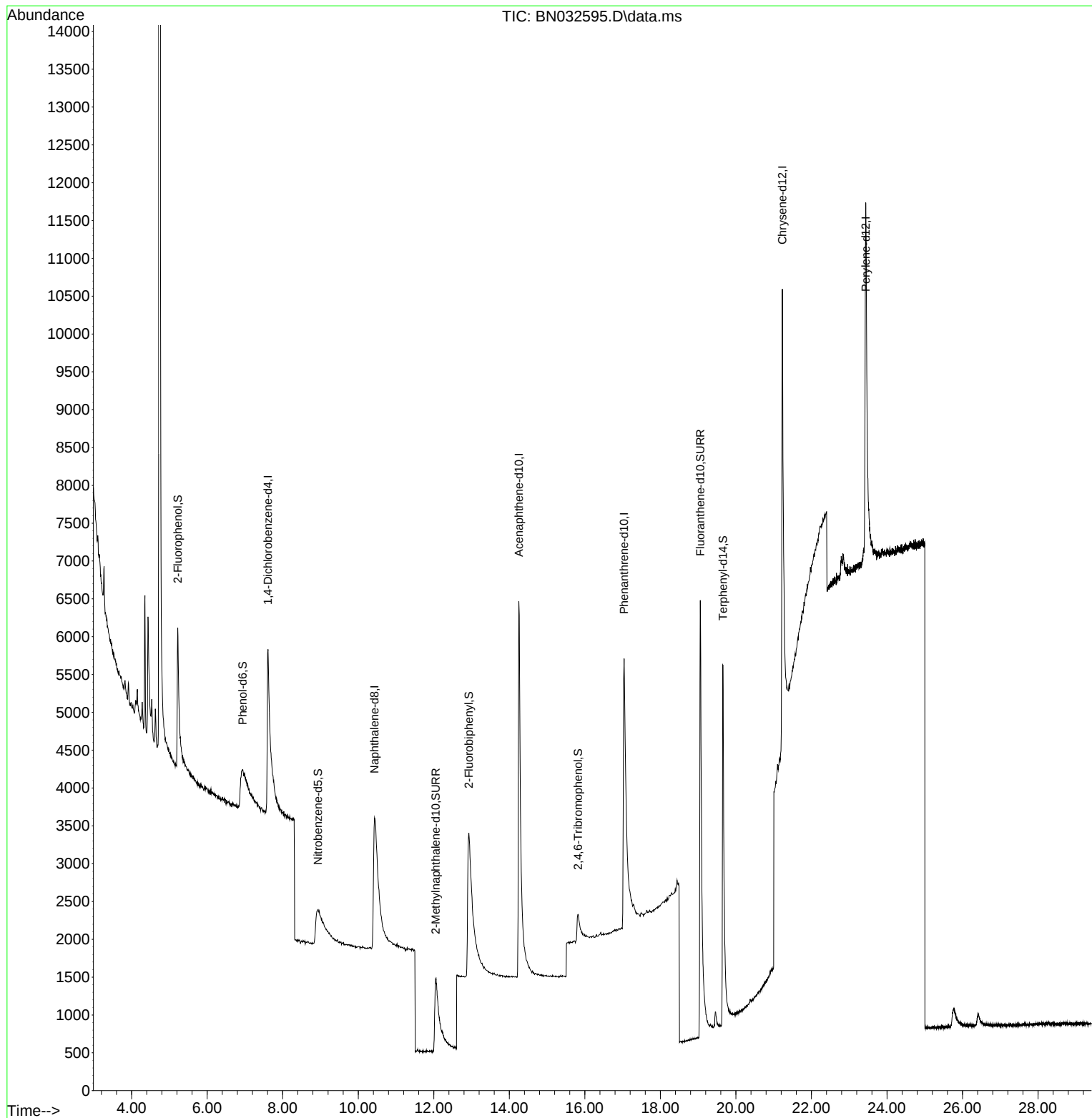
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
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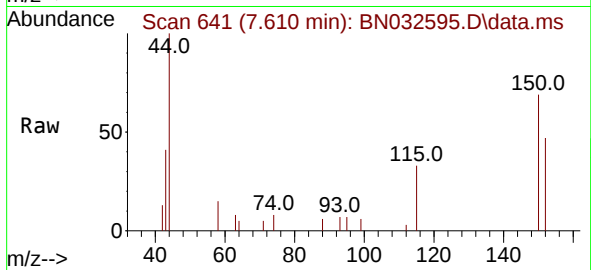
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.610 min Scan# 641
Delta R.T. 0.022 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

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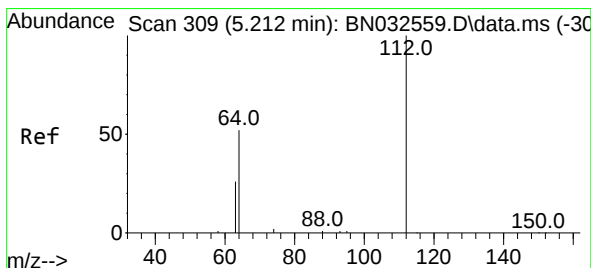
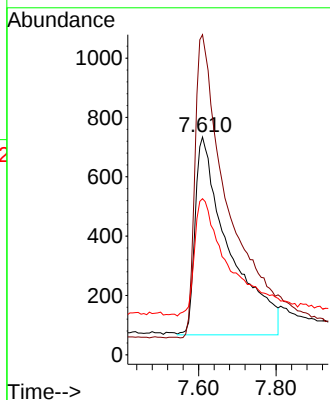
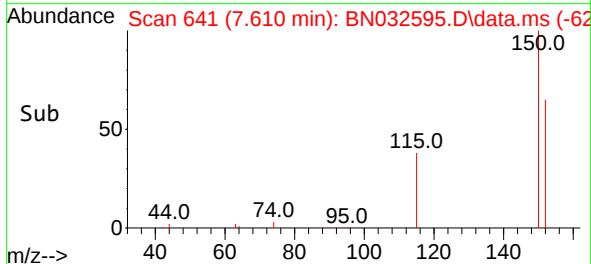
Tgt Ion:152 Resp: 4050
Ion Ratio Lower Upper
152 100
150 147.0 121.6 182.4
115 71.7 53.1 79.7

Manual Integrations

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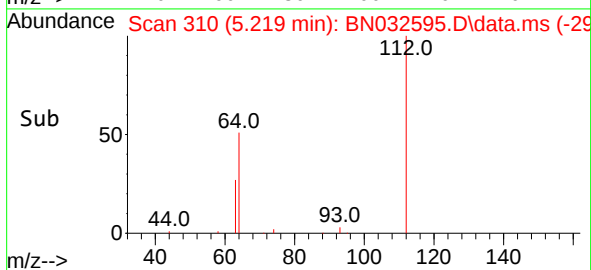
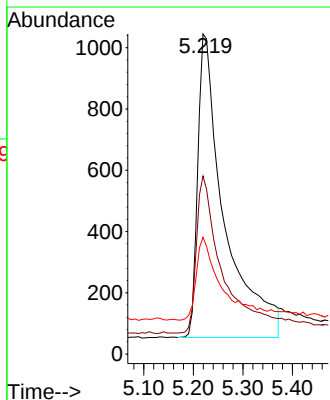
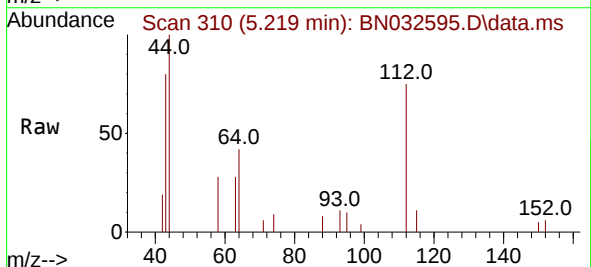
Reviewed By :Yogesh Patel 07/10/2024

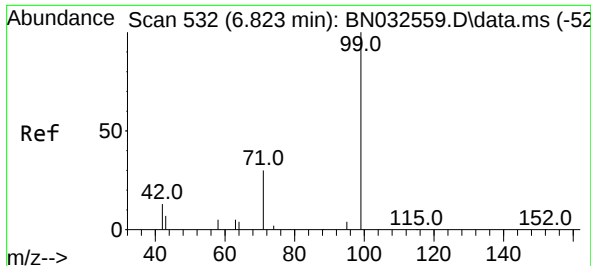
Supervised By :mohammad ahmed 07/11/2024



#4
2-Fluorophenol
Concen: 0.360 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

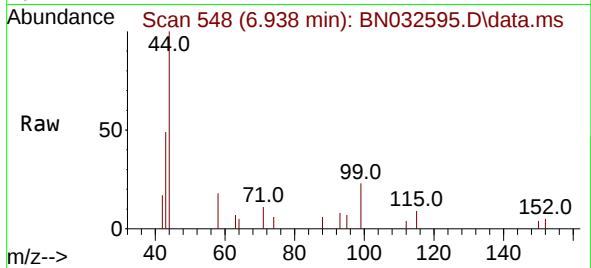
Tgt Ion:112 Resp: 3681
Ion Ratio Lower Upper
112 100
64 51.0 41.2 61.8
63 26.3 21.6 32.4





#5
Phenol-d6
Concen: 0.351 ng m
RT: 6.938 min Scan# 54
Delta R.T. 0.116 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

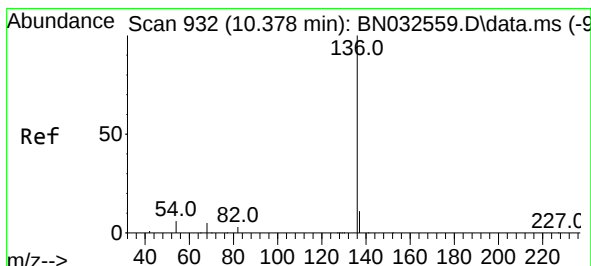
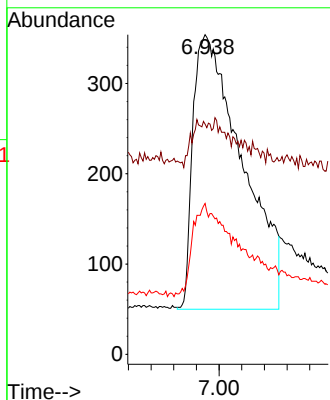
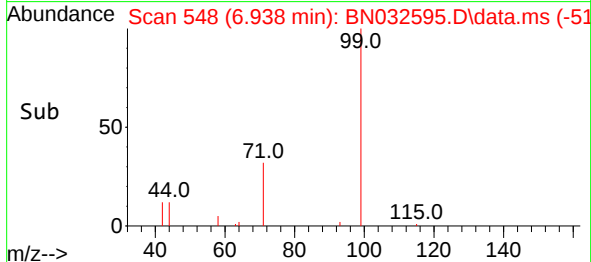
Instrument :
BNA_N
ClientSampleId :
PB161831BL



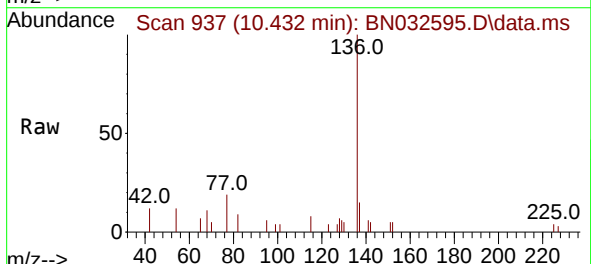
Tgt Ion: 99 Resp: 459
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0#
71 10.6 25.2 37.8#

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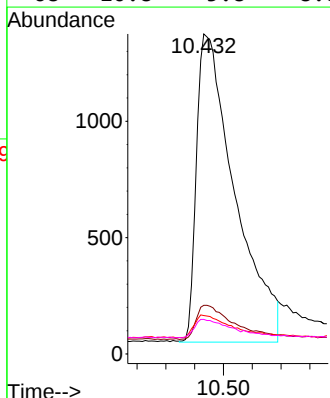
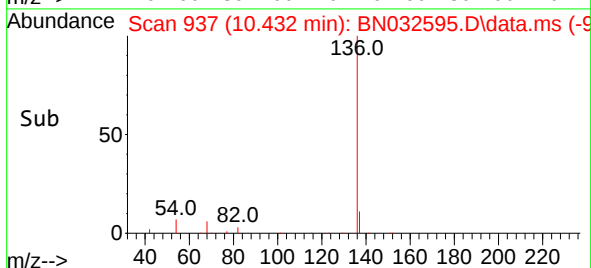
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

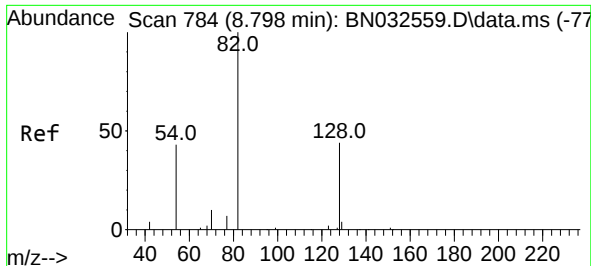


#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.432 min Scan# 937
Delta R.T. 0.054 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11



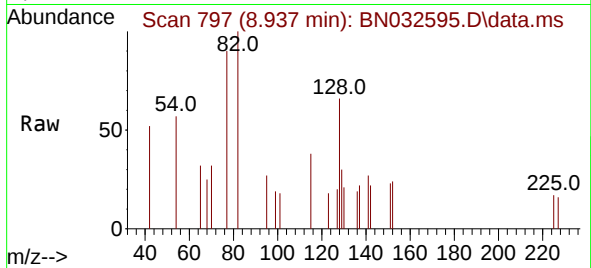
Tgt Ion:136 Resp: 12171
Ion Ratio Lower Upper
136 100
137 15.2 10.0 15.0#
54 12.0 6.6 9.8#
68 10.8 5.8 8.8#





#8
Nitrobenzene-d5
Concen: 0.344 ng m
RT: 8.937 min Scan# 797
Delta R.T. 0.139 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

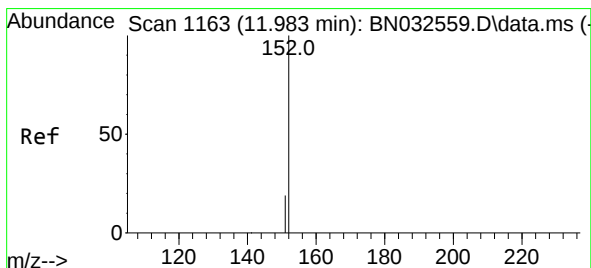
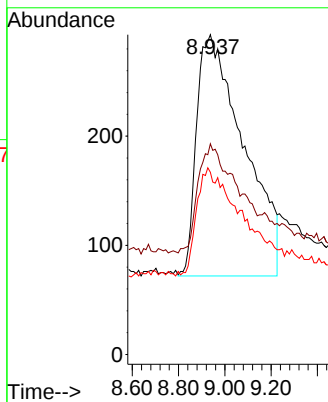
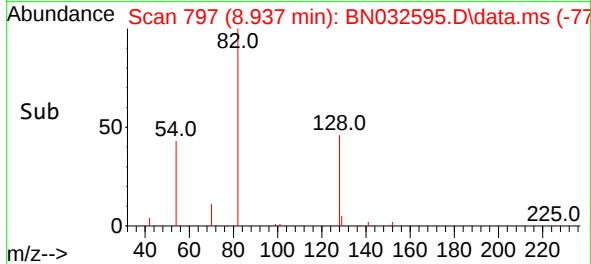
Instrument :
BNA_N
ClientSampleId :
PB161831BL



Tgt Ion: 82 Resp: 312
Ion Ratio Lower Upper
82 100
128 65.9 43.4 65.2
54 57.0 40.2 60.2

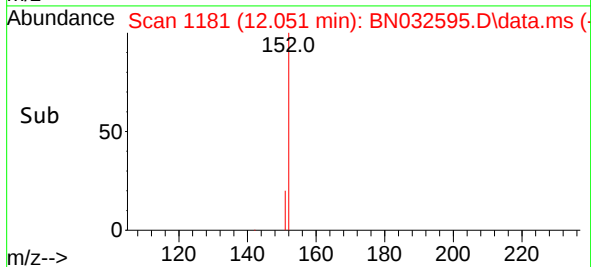
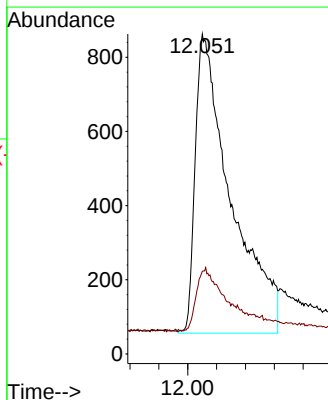
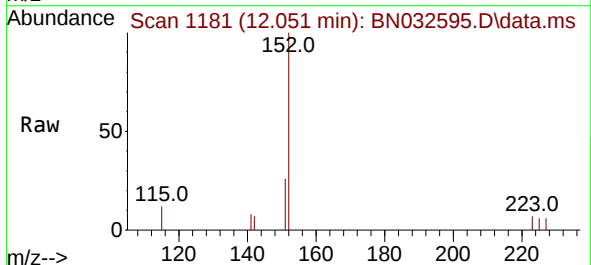
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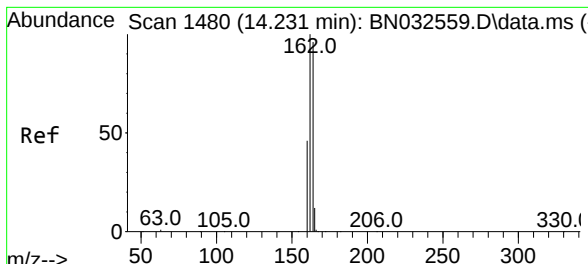
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#11
2-Methylnaphthalene-d10
Concen: 0.359 ng m
RT: 12.051 min Scan# 1181
Delta R.T. 0.068 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

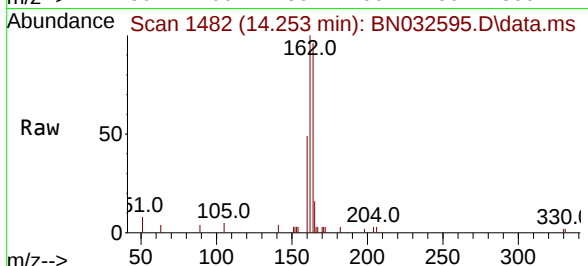
Tgt Ion:152 Resp: 6901
Ion Ratio Lower Upper
152 100
151 15.2 16.4 24.6#





#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.253 min Scan# 1482
 Delta R.T. 0.022 min
 Lab File: BN032595.D
 Acq: 09 Jul 2024 20:11

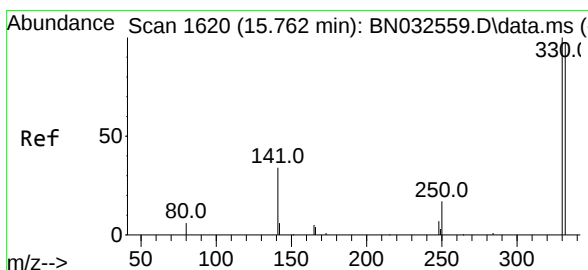
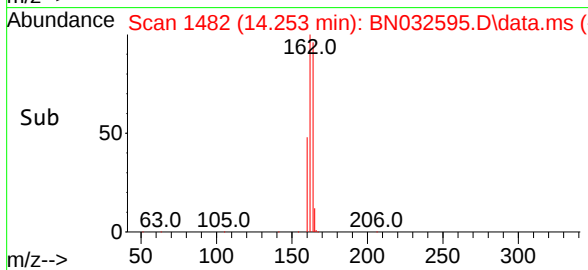
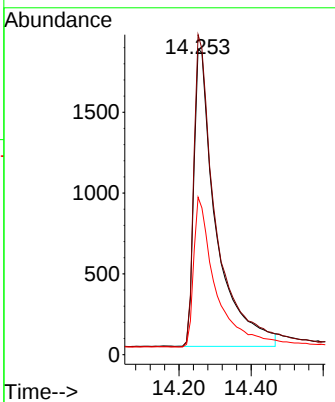
Instrument : BNA_N
 ClientSampleId : PB161831BL



Tgt Ion: 164 Resp: 787

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.2	124.8
160	51.5	38.6	57.8

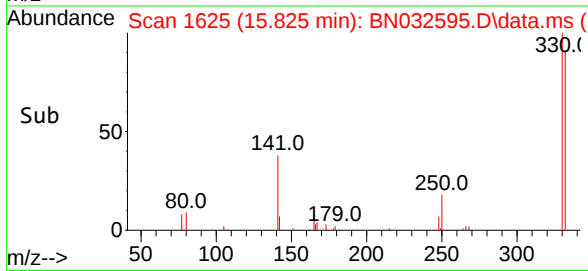
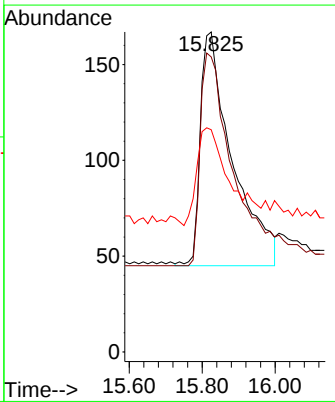
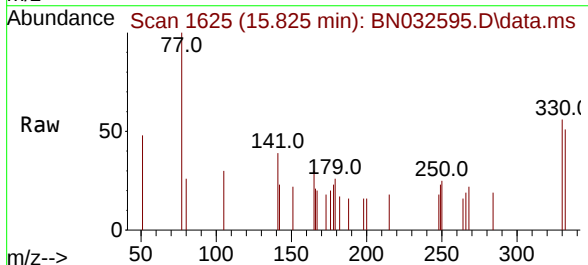
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 Supervised By : mohammad ahmed 07/11/2024

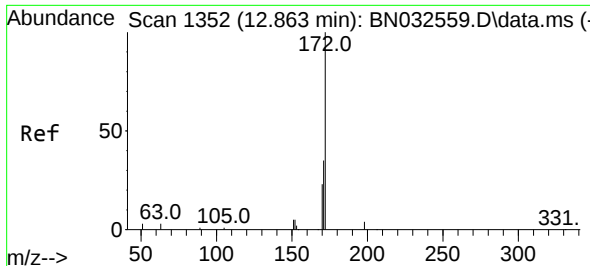


#14
 2,4,6-Tribromophenol
 Concen: 0.208 ng m
 RT: 15.825 min Scan# 1625
 Delta R.T. 0.062 min
 Lab File: BN032595.D
 Acq: 09 Jul 2024 20:11

Tgt Ion: 330 Resp: 742

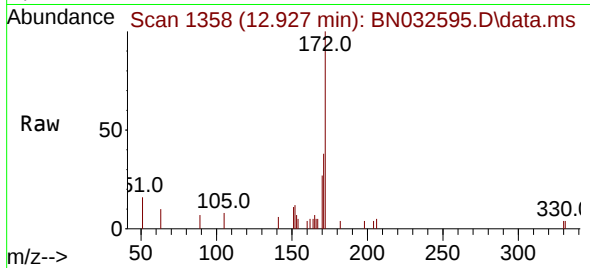
Ion	Ratio	Lower	Upper
330	100		
332	70.2	77.7	116.5
141	34.9	31.8	47.8





#15
2-Fluorobiphenyl
Concen: 0.343 ng m
RT: 12.927 min Scan# 11
Delta R.T. 0.064 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

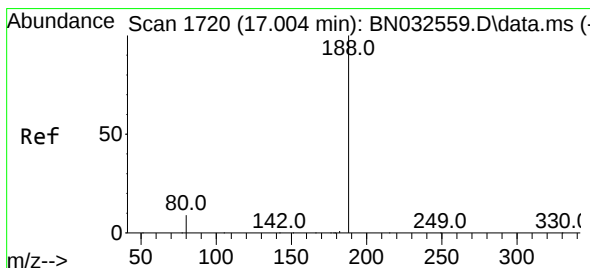
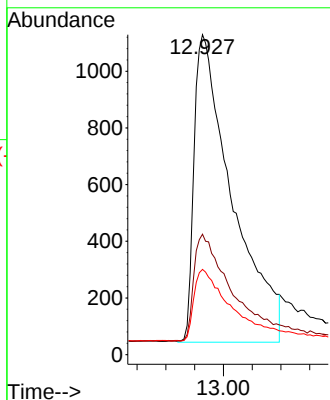
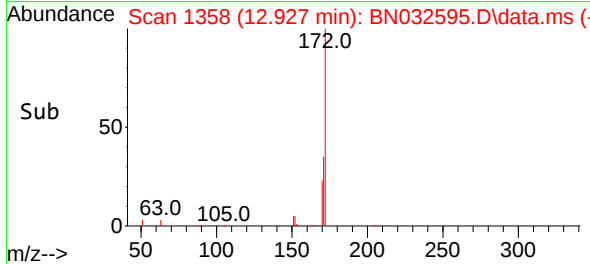
Instrument :
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ClientSampleId :
PB161831BL



Tgt Ion:172 Resp: 996
Ion Ratio Lower Upper
172 100
171 37.6 28.5 42.7
170 26.7 19.2 28.8

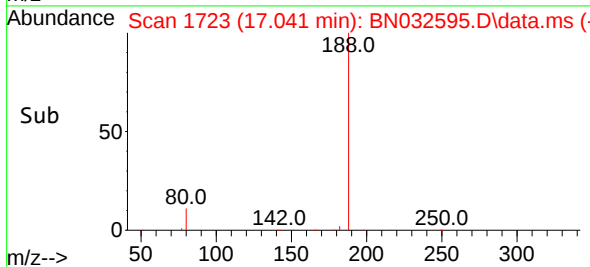
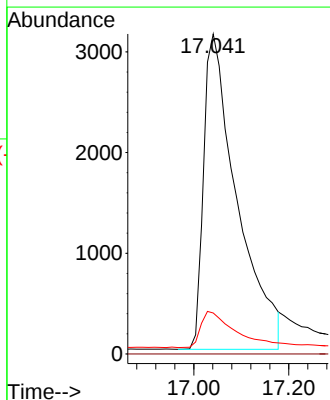
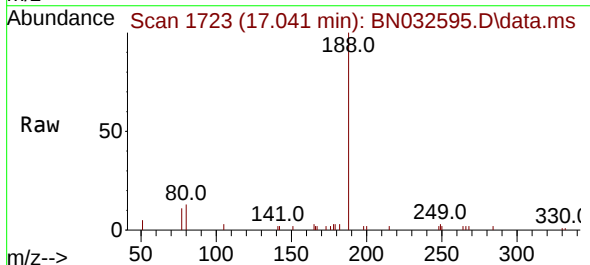
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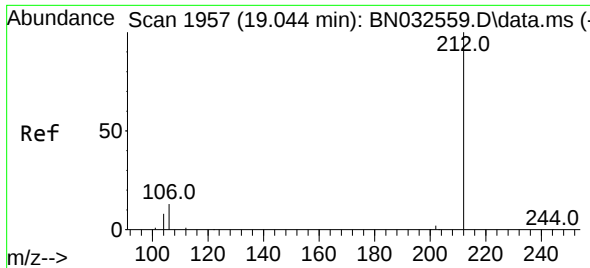
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.041 min Scan# 1723
Delta R.T. 0.037 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

Tgt Ion:188 Resp: 15292
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 7.8 11.6#





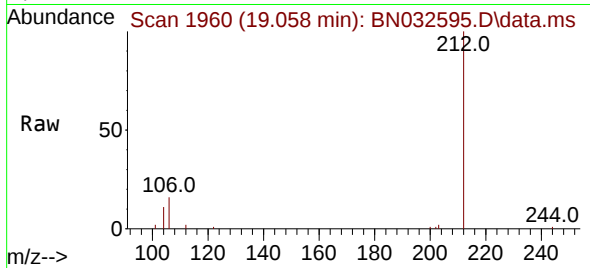
#27
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.058 min Scan# 1957
Delta R.T. 0.014 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

Instrument :

BNA_N

ClientSampleId :

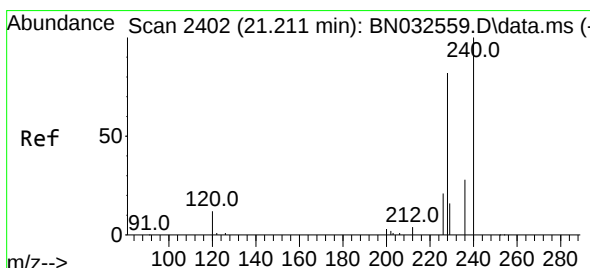
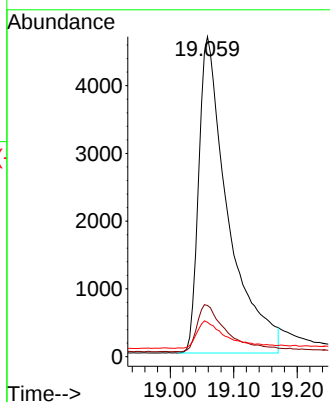
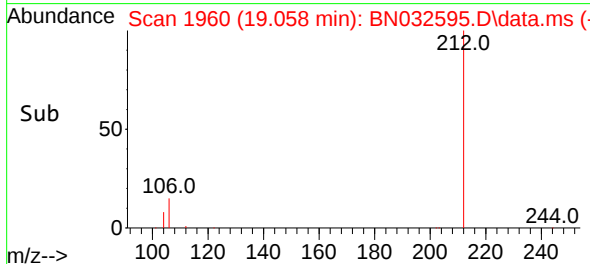
PB161831BL



Tgt Ion:212 Resp: 14935
Ion Ratio Lower Upper
212 100
106 15.1 11.8 17.8
104 9.1 6.9 10.3

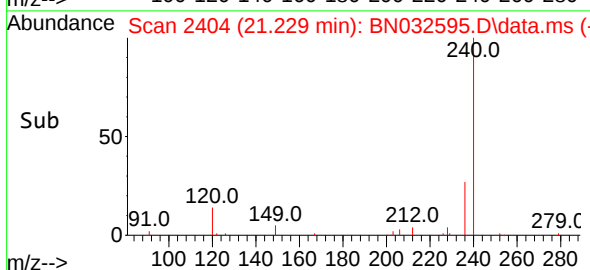
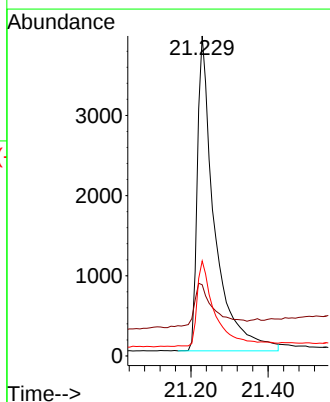
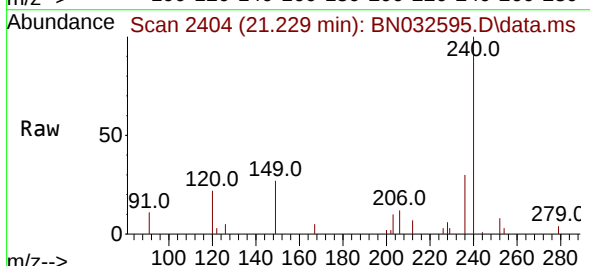
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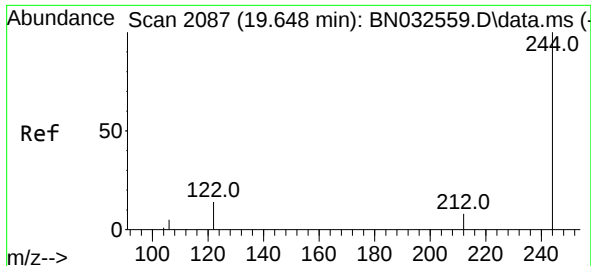
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. 0.018 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

Tgt Ion:240 Resp: 12121
Ion Ratio Lower Upper
240 100
120 22.3 13.0 19.4#
236 29.7 23.1 34.7





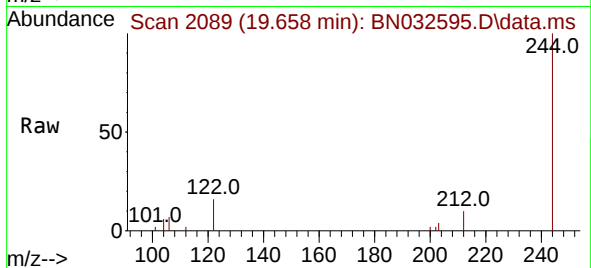
#31
Terphenyl-d14
Concen: 0.354 ng
RT: 19.658 min Scan# 2089
Delta R.T. 0.009 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

Instrument :

BNA_N

ClientSampleId :

PB161831BL



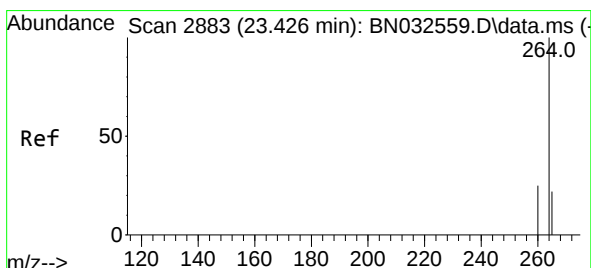
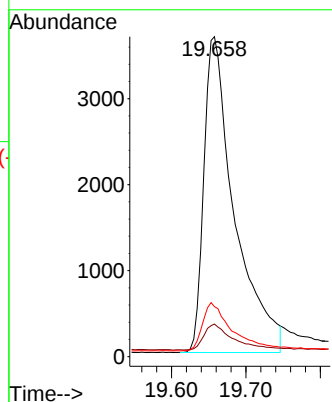
Tgt Ion:244 Resp: 10469
Ion Ratio Lower Upper
244 100
212 10.2 7.2 10.8
122 15.7 12.1 18.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/10/2024

Supervised By :mohammad ahmed 07/11/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.437 min Scan# 2887
Delta R.T. 0.012 min
Lab File: BN032595.D
Acq: 09 Jul 2024 20:11

Tgt Ion:264 Resp: 11972
Ion Ratio Lower Upper
264 100
260 26.8 21.0 31.6
265 155.3 76.6 115.0#

