

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112123\
 Data File : BN028812.D
 Acq On : 20 Nov 2023 17:29
 Operator : MA/JU
 Sample : PB156727BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156727BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/21/2023
 Supervised By :mohammad ahmed 11/21/2023

Quant Time: Nov 21 01:34:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 01:23:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	4293	0.400	ng	# 0.04
7) Naphthalene-d8	10.477	136	16282	0.400	ng	# 0.02
13) Acenaphthene-d10	14.311	164	11749	0.400	ng	0.01
19) Phenanthrene-d10	17.085	188	15520	0.400	ng	# 0.01
29) Chrysene-d12	21.285	240	12075	0.400	ng	# 0.00
35) Perylene-d12	23.565	264	15290	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	3747	0.292	ng	0.00
5) Phenol-d6	7.097	99	4396m	0.266	ng	0.16
8) Nitrobenzene-d5	9.153	82	3634m	0.250	ng	0.23
11) 2-Methylnaphthalene-d10	12.091	152	8787	0.311	ng	0.03
14) 2,4,6-Tribromophenol	15.844	330	1235	0.188	ng	0.02
15) 2-Fluorobiphenyl	12.964	172	13332m	0.258	ng	0.02
27) Fluoranthene-d10	19.112	212	16902	0.357	ng	0.00
31) Terphenyl-d14	19.720	244	9408	0.293	ng	0.00

Target Compounds Qvalue

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

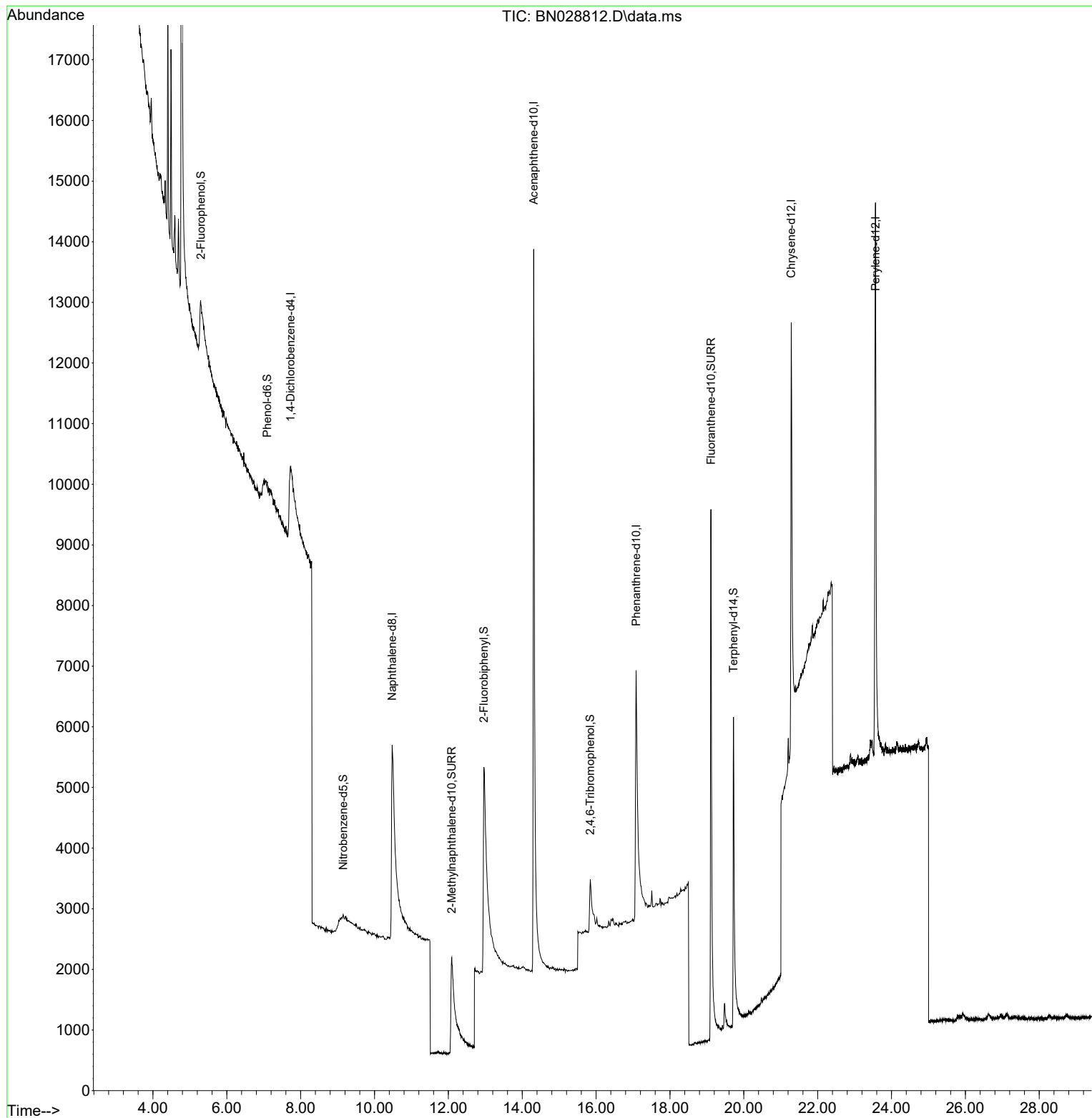
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112123\
Data File : BN028812.D
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Sample : PB156727BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

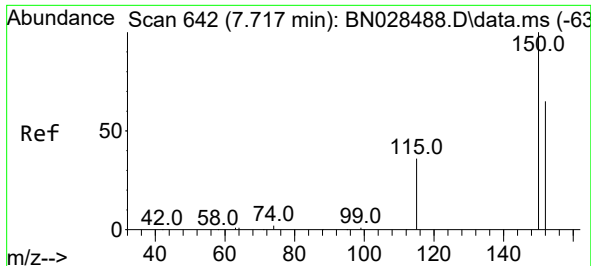
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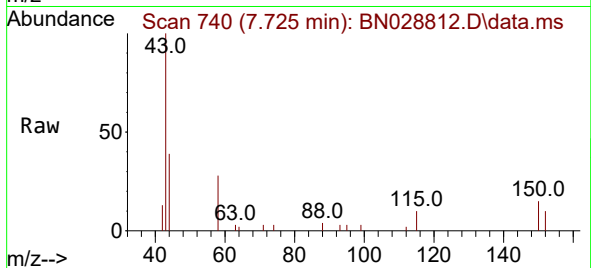
Quant Time: Nov 21 01:34:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 01:23:43 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.725 min Scan# 74
Delta R.T. 0.036 min
Lab File: BN028812.D
Acq: 20 Nov 2023 17:29

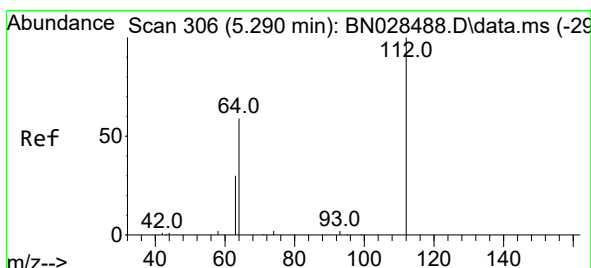
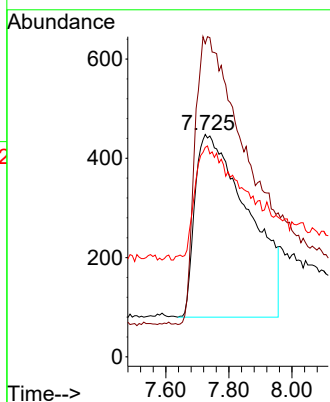
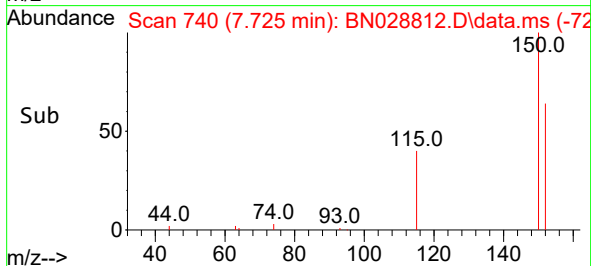
Instrument :
BNA_N
ClientSampleId :
PB156727BL



Tgt Ion:152 Resp: 429
Ion Ratio Lower Upper
152 100
150 140.8 122.5 183.7
115 94.2 47.5 71.3

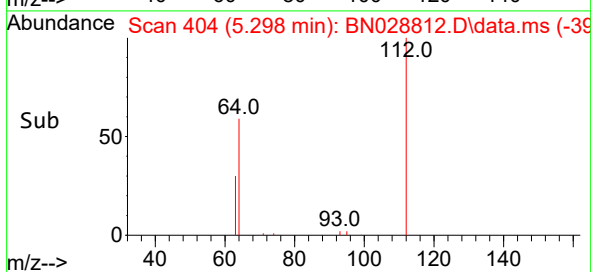
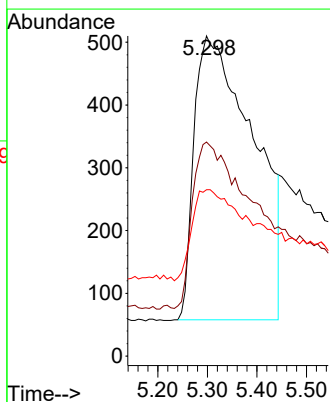
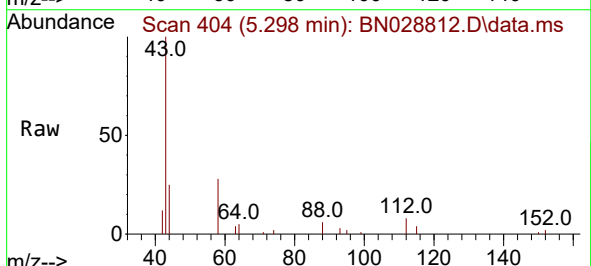
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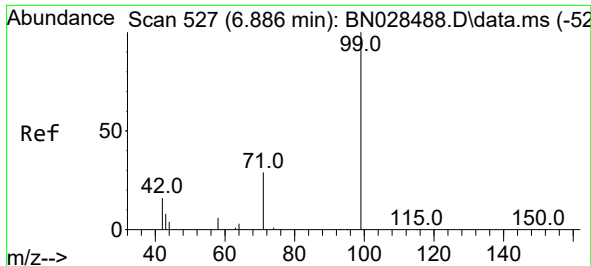
Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023



#4
2-Fluorophenol
Concen: 0.292 ng
RT: 5.298 min Scan# 404
Delta R.T. 0.000 min
Lab File: BN028812.D
Acq: 20 Nov 2023 17:29

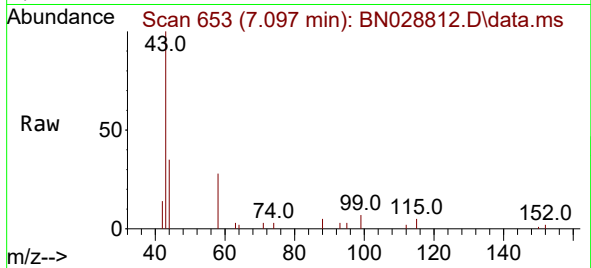
Tgt Ion:112 Resp: 3747
Ion Ratio Lower Upper
112 100
64 56.0 44.6 67.0
63 31.3 23.3 34.9





#5
Phenol-d6
Concen: 0.266 ng m
RT: 7.097 min Scan# 61
Delta R.T. 0.159 min
Lab File: BN028812.D
Acq: 20 Nov 2023 17:29

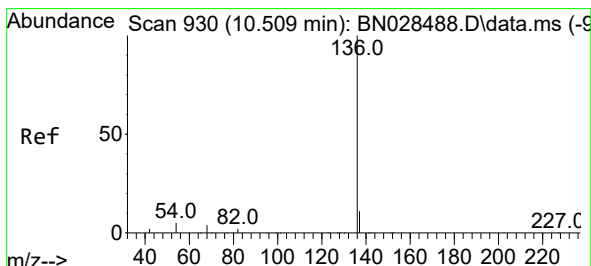
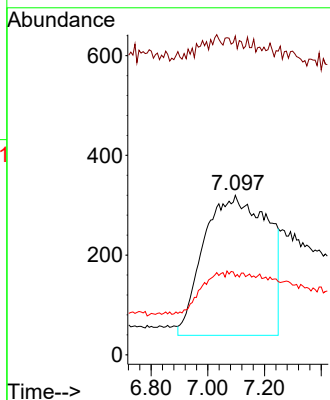
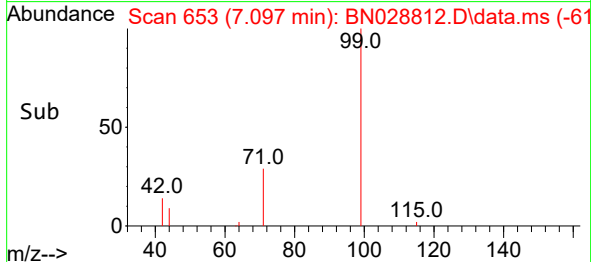
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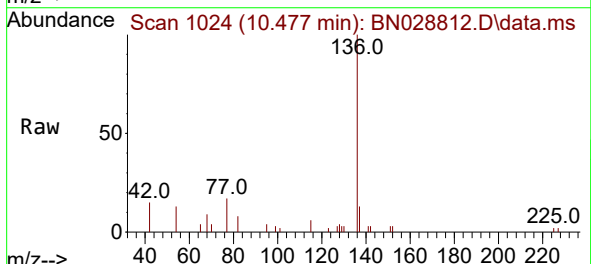
Tgt Ion: 99 Resp: 4390
Ion Ratio Lower Upper
99 100
42 1.3 15.8 23.8#
71 8.4 25.1 37.7#

Manual Integrations
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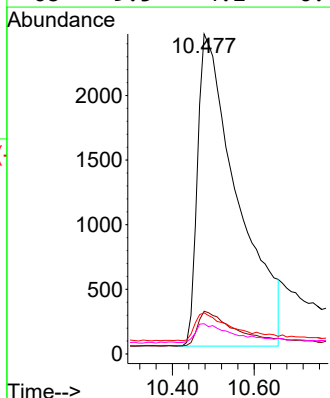
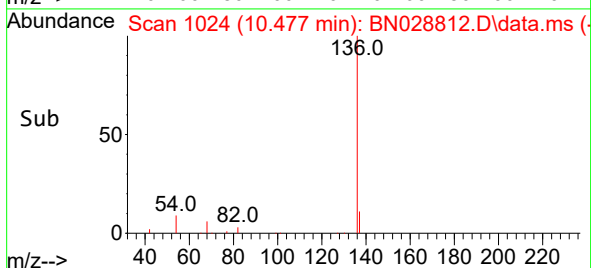
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Supervised By :mohammad ahmed 11/21/2023

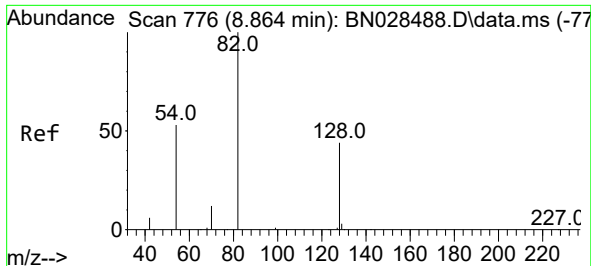


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 1024
Delta R.T. 0.021 min
Lab File: BN028812.D
Acq: 20 Nov 2023 17:29



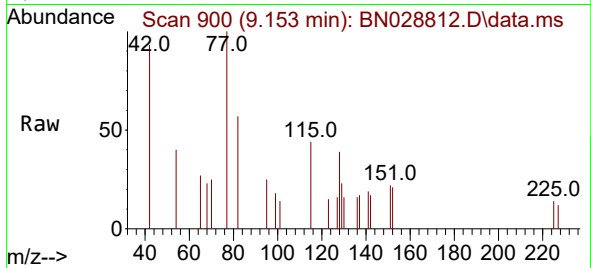
Tgt Ion:136 Resp: 16282
Ion Ratio Lower Upper
136 100
137 13.4 9.0 13.4
54 12.9 5.1 7.7#
68 9.5 4.2 6.4#





#8
Nitrobenzene-d5
Concen: 0.250 ng m
RT: 9.153 min Scan# 90
Delta R.T. 0.235 min
Lab File: BN028812.D
Acq: 20 Nov 2023 17:29

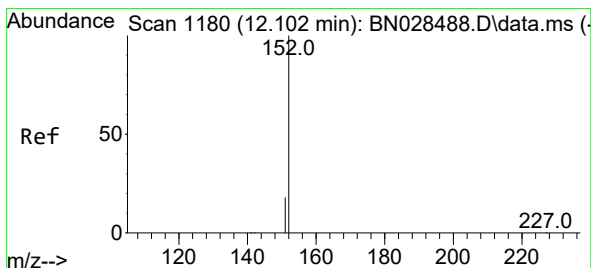
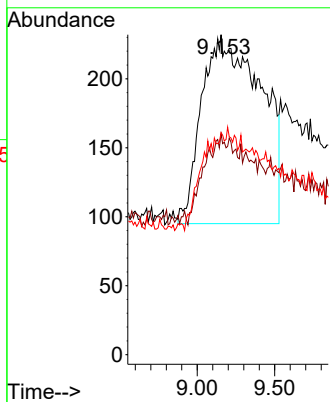
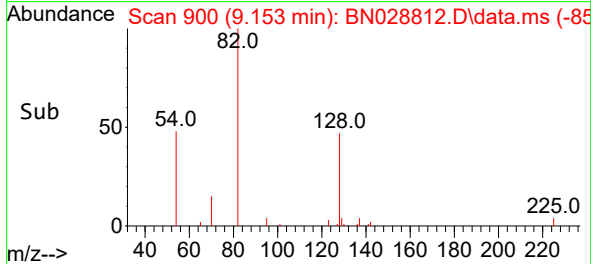
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 3634
Ion Ratio Lower Upper
82 100
128 69.0 36.5 54.7
54 69.4 43.8 65.8

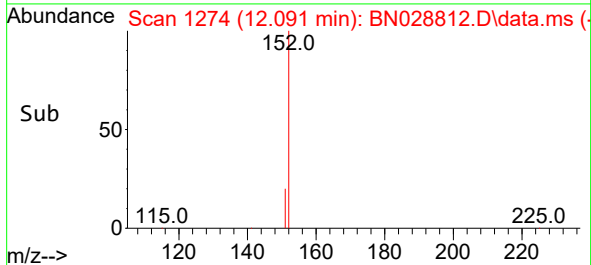
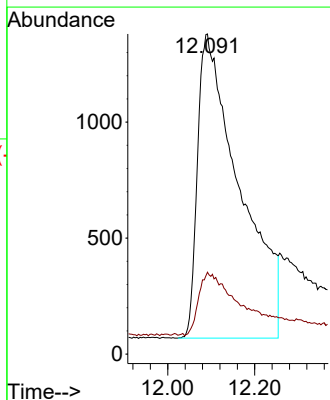
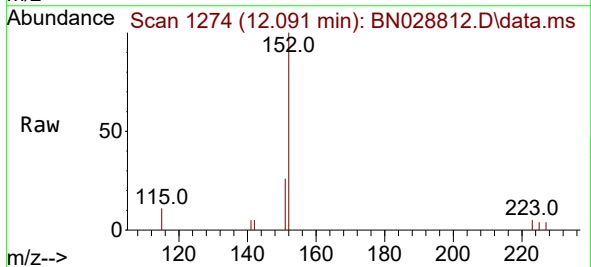
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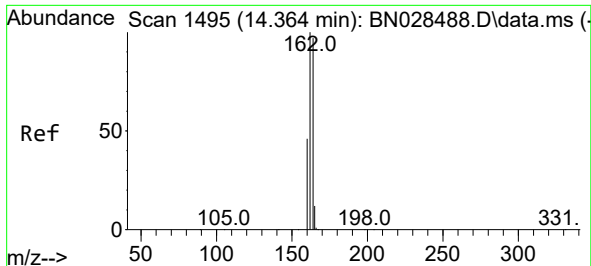
Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023



#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.091 min Scan# 1274
Delta R.T. 0.027 min
Lab File: BN028812.D
Acq: 20 Nov 2023 17:29

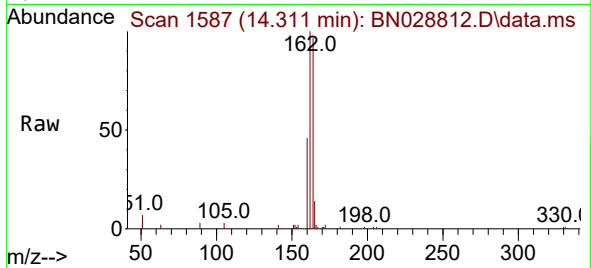
Tgt Ion:152 Resp: 8787
Ion Ratio Lower Upper
152 100
151 22.0 16.1 24.1





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.311 min Scan# 1174
Delta R.T. 0.011 min
Lab File: BN028812.D
Acq: 20 Nov 2023 17:29

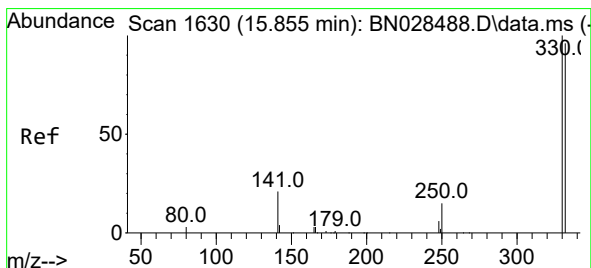
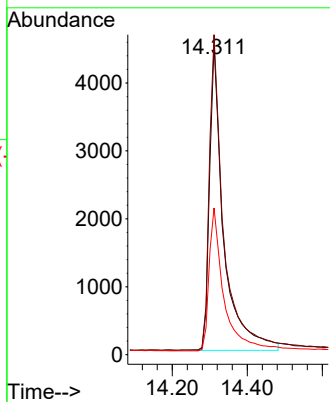
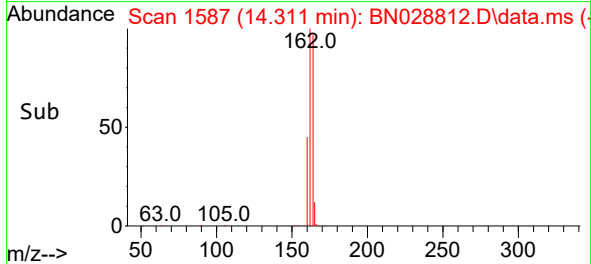
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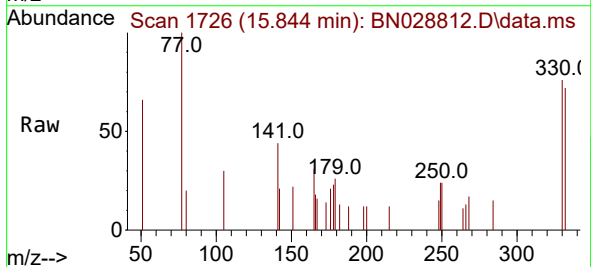
Tgt Ion:164 Resp: 11749
Ion Ratio Lower Upper
164 100
162 103.2 82.5 123.7
160 47.3 38.1 57.1

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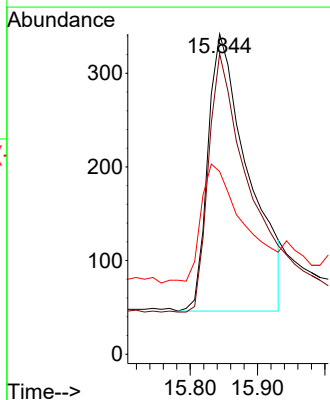
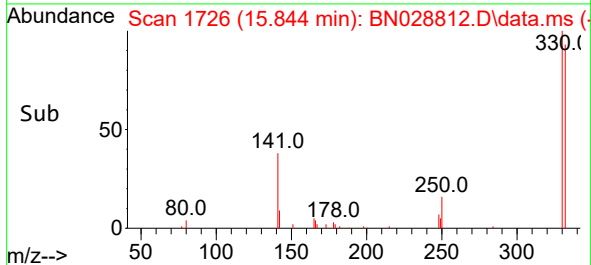
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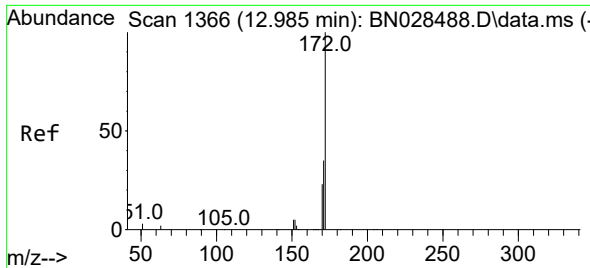


#14
2,4,6-Tribromophenol
Concen: 0.188 ng
RT: 15.844 min Scan# 1726
Delta R.T. 0.025 min
Lab File: BN028812.D
Acq: 20 Nov 2023 17:29



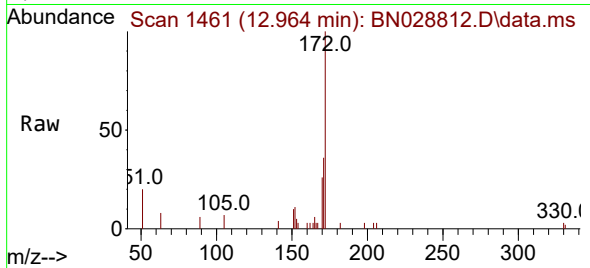
Tgt Ion:330 Resp: 1235
Ion Ratio Lower Upper
330 100
332 91.1 77.0 115.4
141 43.9 32.6 49.0





#15
2-Fluorobiphenyl
Concen: 0.258 ng m
RT: 12.964 min Scan# 1461
Delta R.T. 0.021 min
Lab File: BN028812.D
Acq: 20 Nov 2023 17:29

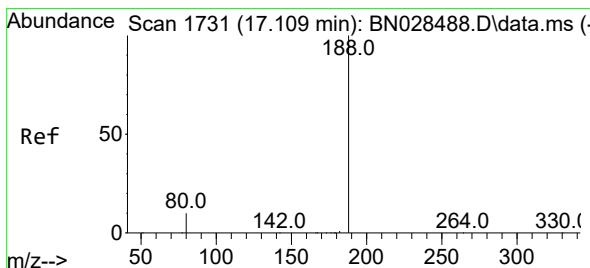
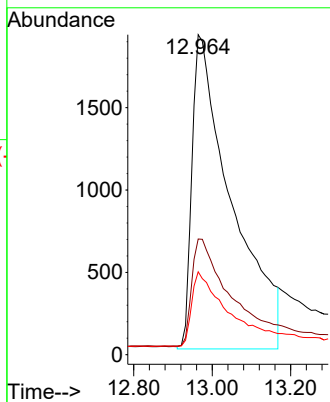
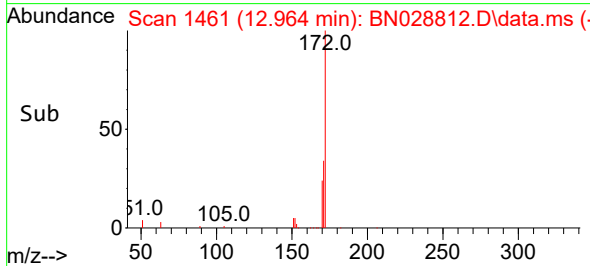
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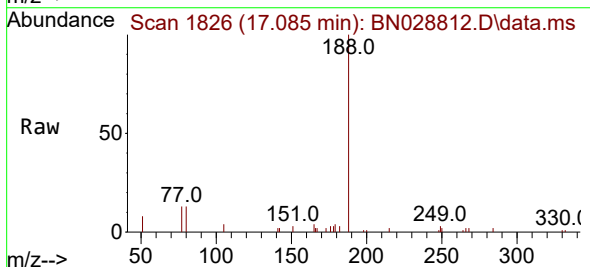
Tgt Ion:172 Resp: 1333
Ion Ratio Lower Upper
172 100
171 36.2 27.9 41.9
170 25.9 18.9 28.3

Manual Integrations
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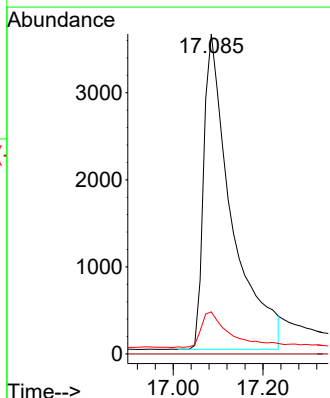
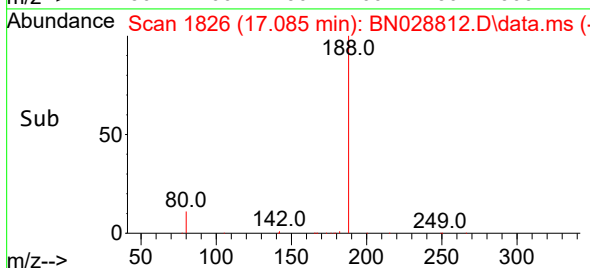
Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023

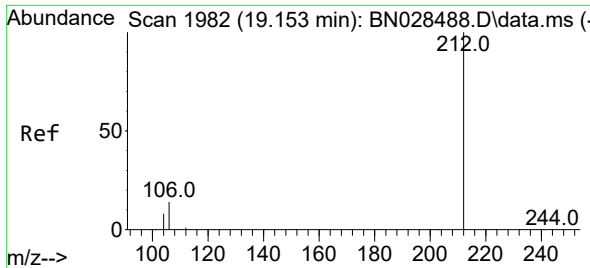


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.085 min Scan# 1826
Delta R.T. 0.013 min
Lab File: BN028812.D
Acq: 20 Nov 2023 17:29



Tgt Ion:188 Resp: 15520
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 8.3 12.5





#27
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.112 min Scan# 2070
Delta R.T. 0.005 min
Lab File: BN028812.D
Acq: 20 Nov 2023 17:29

Instrument :

BNA_N

ClientSampleId :

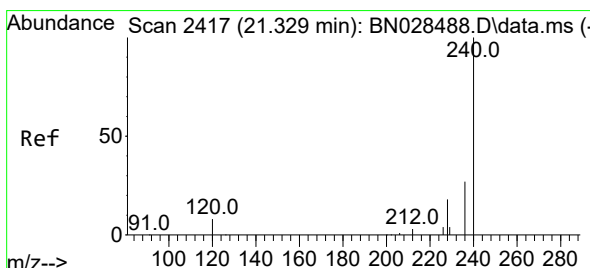
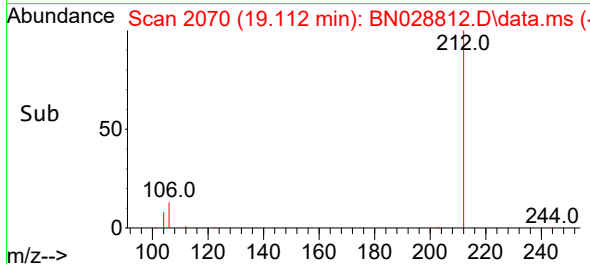
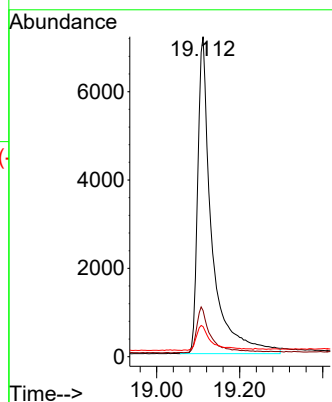
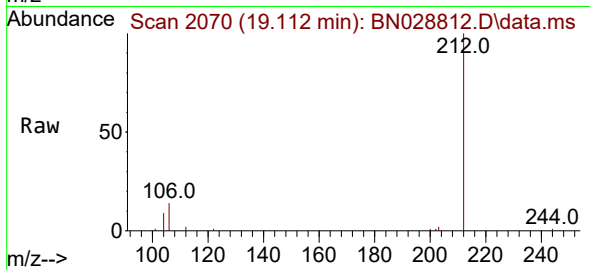
PB156727BL

Tgt Ion:212 Resp: 1690
Ion Ratio Lower Upper
212 100
106 14.4 11.5 17.3
104 7.5 6.4 9.6

Manual Integrations

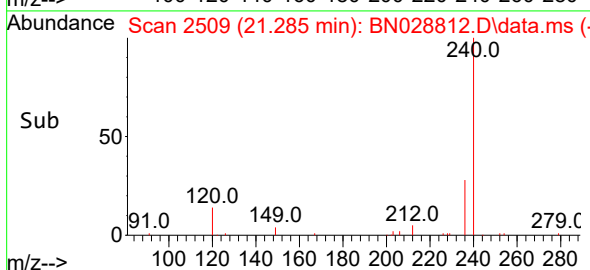
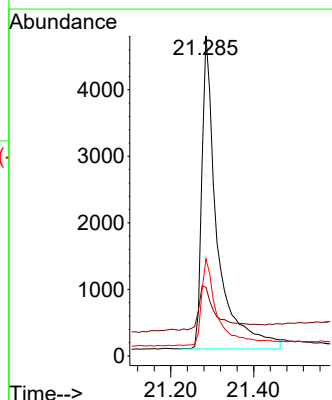
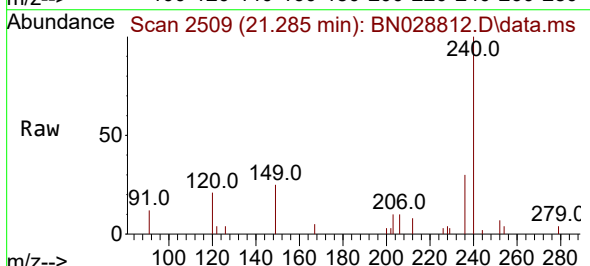
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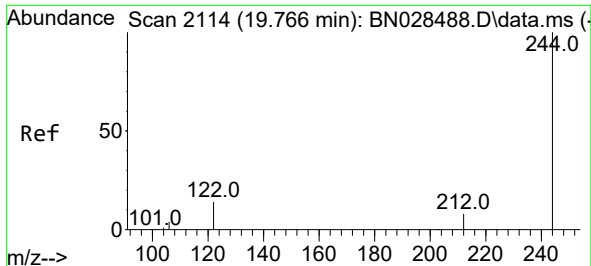
Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.285 min Scan# 2509
Delta R.T. 0.000 min
Lab File: BN028812.D
Acq: 20 Nov 2023 17:29

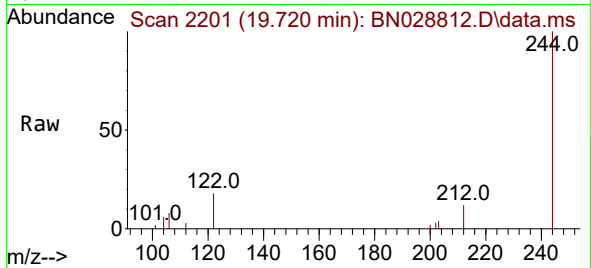
Tgt Ion:240 Resp: 12075
Ion Ratio Lower Upper
240 100
120 21.5 7.6 11.4#
236 30.3 21.9 32.9





#31
Terphenyl-d14
Concen: 0.293 ng
RT: 19.720 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN028812.D
Acq: 20 Nov 2023 17:29

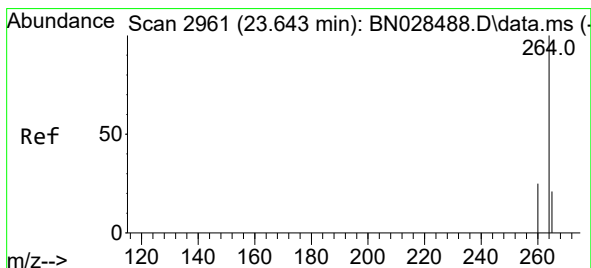
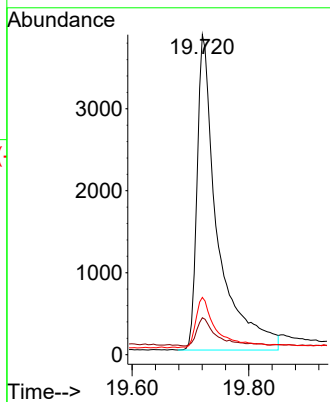
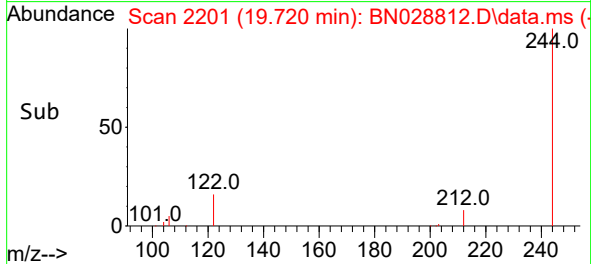
Instrument :
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Tgt Ion:244 Resp: 9400
Ion Ratio Lower Upper
244 100
212 11.6 6.6 9.8
122 17.9 11.4 17.2

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Supervised By :mohammad ahmed 11/21/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.565 min Scan# 3031
Delta R.T. 0.003 min
Lab File: BN028812.D
Acq: 20 Nov 2023 17:29

Tgt Ion:264 Resp: 15290
Ion Ratio Lower Upper
264 100
260 27.2 20.7 31.1
265 69.1 31.6 47.4

