

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071124\
 Data File : BN032624.D
 Acq On : 10 Jul 2024 21:21
 Operator : MA/JU
 Sample : PB161896BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB161896BL

Manual Integrations
 APPROVED

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

Quant Time: Jul 11 00:03:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 23:45:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	4320m	0.400	ng	0.03
7) Naphthalene-d8	10.421	136	11590	0.400	ng	# 0.06
13) Acenaphthene-d10	14.242	164	7456	0.400	ng	0.03
19) Phenanthrene-d10	17.016	188	15874	0.400	ng	0.04
29) Chrysene-d12	21.211	240	13976	0.400	ng	0.02
35) Perylene-d12	23.411	264	13928	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.205	112	4449	0.407	ng	0.00
5) Phenol-d6	6.895	99	5517m	0.407	ng	0.10
8) Nitrobenzene-d5	8.894	82	3785m	0.434	ng	0.12
11) 2-Methylnaphthalene-d10	12.028	152	7670m	0.433	ng	0.06
14) 2,4,6-Tribromophenol	15.800	330	526m	0.165	ng	0.06
15) 2-Fluorobiphenyl	12.906	172	11199m	0.404	ng	0.05
27) Fluoranthene-d10	19.040	212	19193	0.467	ng	0.02
31) Terphenyl-d14	19.634	244	14042	0.490	ng	0.00

Target Compounds Qvalue

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

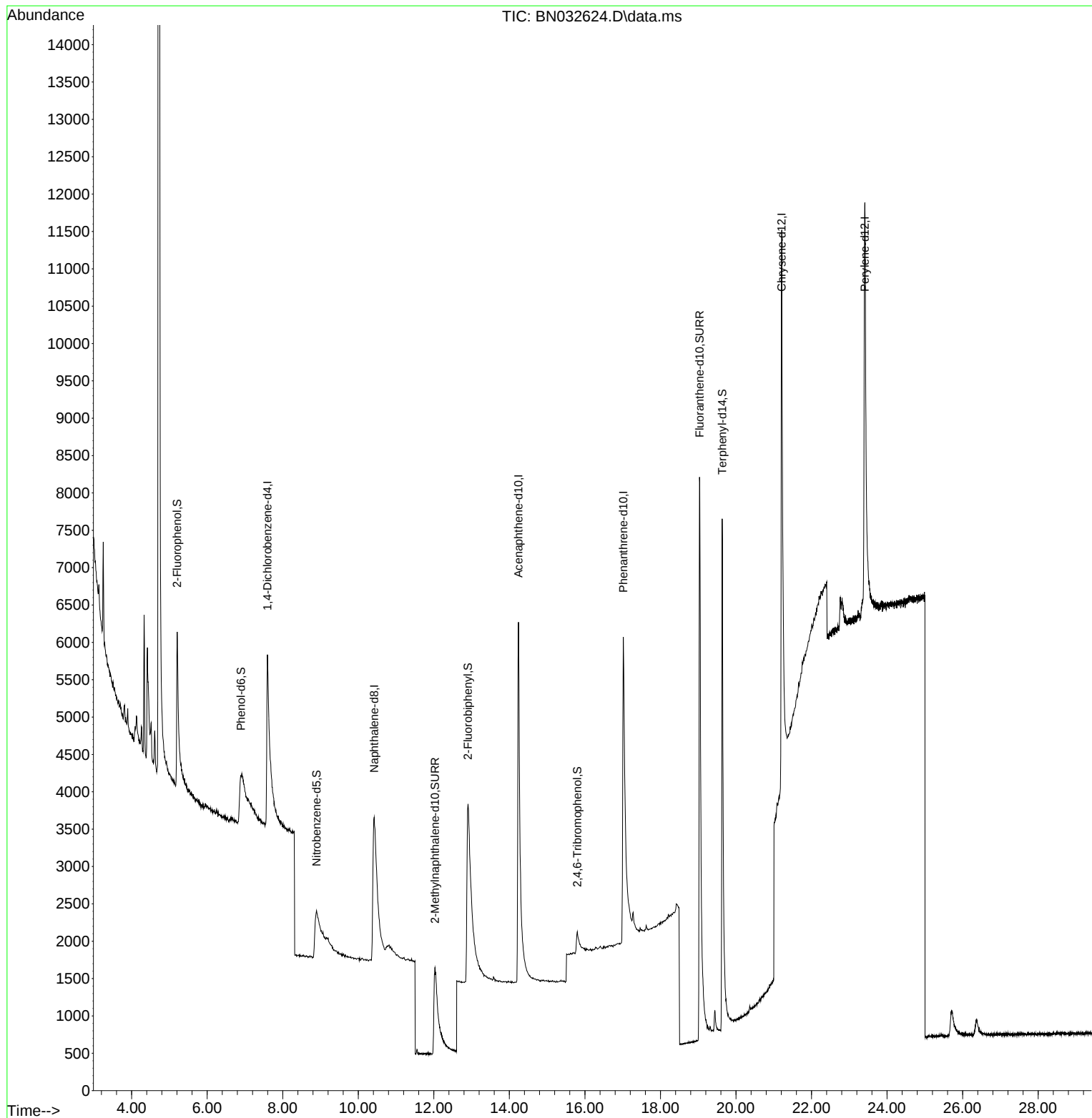
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071124\
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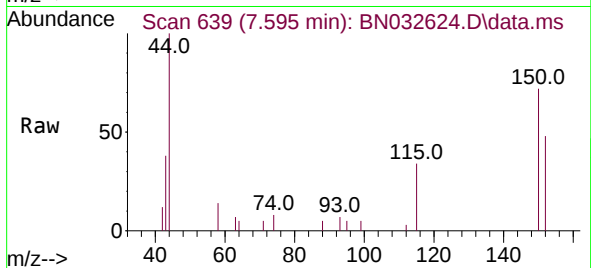
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.595 min Scan# 61
Delta R.T. 0.028 min
Lab File: BN032624.D
Acq: 10 Jul 2024 21:21

Instrument :

BNA_N

ClientSampleId :

PB161896BL



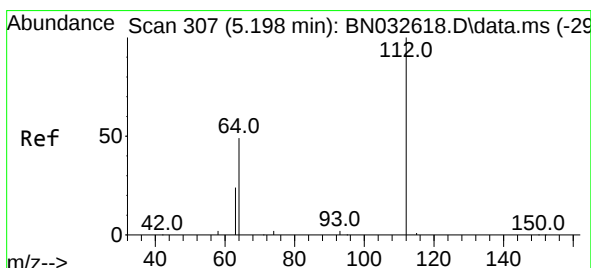
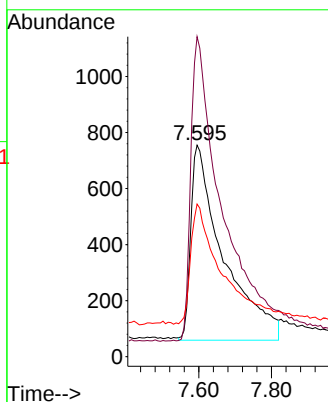
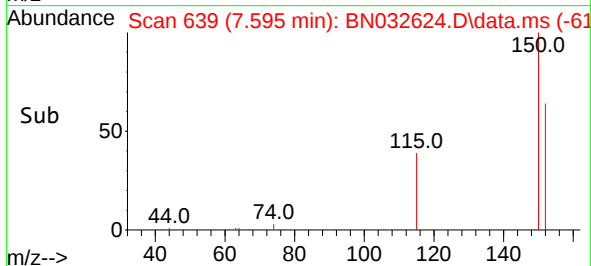
Tgt Ion:152 Resp: 4320
Ion Ratio Lower Upper
152 100
150 151.3 123.8 185.6
115 72.2 52.8 79.2

Manual Integrations

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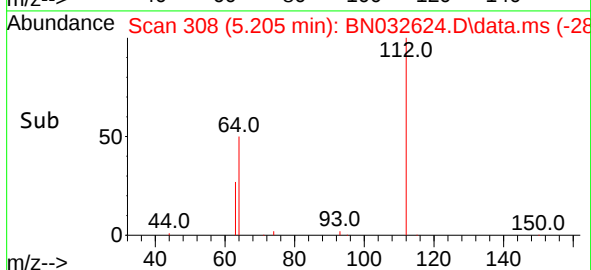
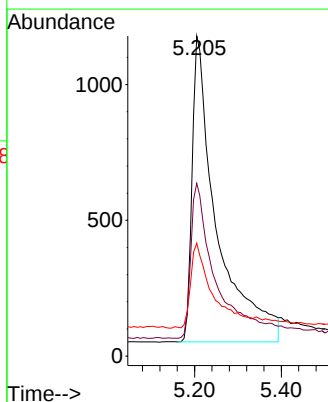
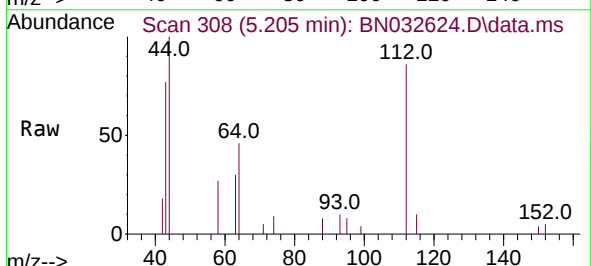
Reviewed By :Yogesh Patel 07/11/2024

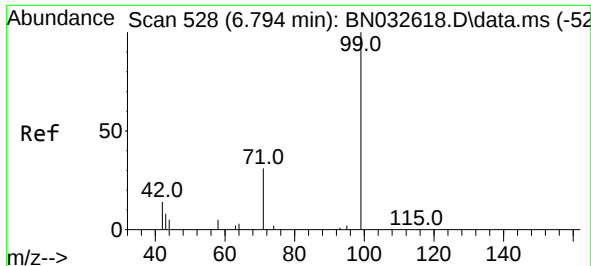
Supervised By :mohammad ahmed 07/11/2024



#4
2-Fluorophenol
Concen: 0.407 ng
RT: 5.205 min Scan# 308
Delta R.T. 0.007 min
Lab File: BN032624.D
Acq: 10 Jul 2024 21:21

Tgt Ion:112 Resp: 4449
Ion Ratio Lower Upper
112 100
64 51.9 40.2 60.4
63 27.8 22.2 33.4





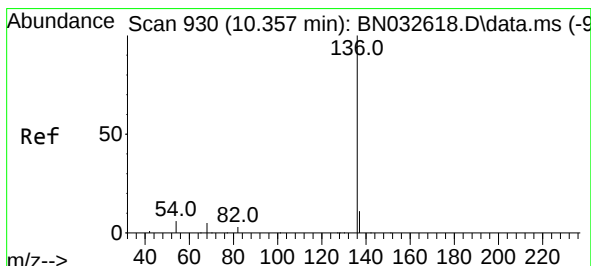
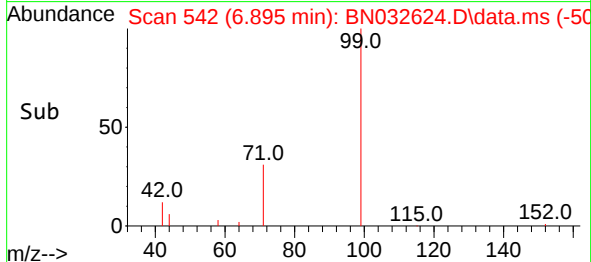
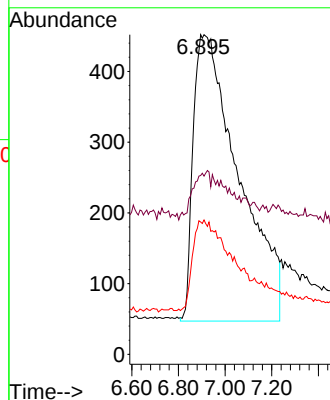
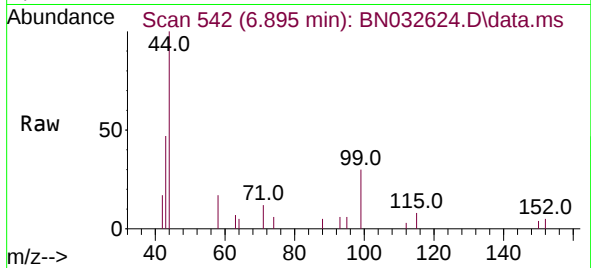
#5
Phenol-d6
Concen: 0.407 ng m
RT: 6.895 min Scan# 541
Delta R.T. 0.101 min
Lab File: BN032624.D
Acq: 10 Jul 2024 21:21

Instrument :
BNA_N
ClientSampleId :
PB161896BL

Tgt Ion: 99 Resp: 551
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7
71 7.0 22.3 33.5

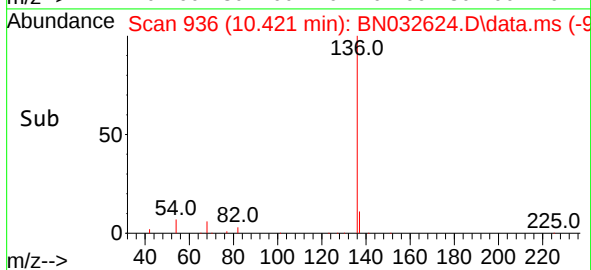
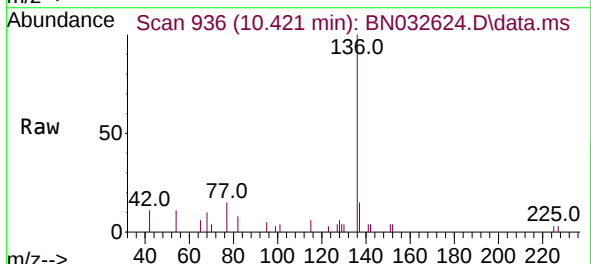
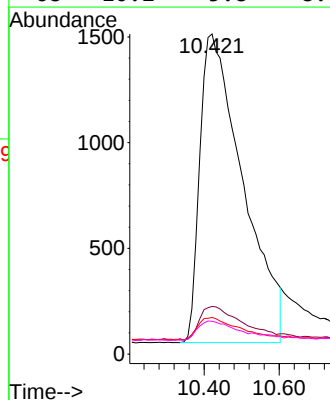
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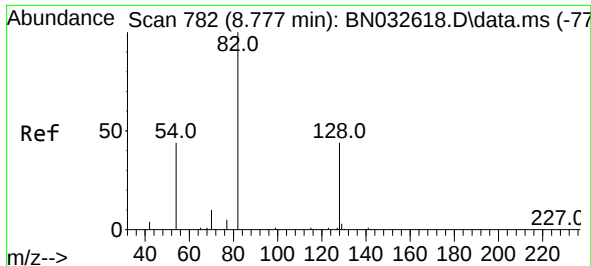
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 936
Delta R.T. 0.064 min
Lab File: BN032624.D
Acq: 10 Jul 2024 21:21

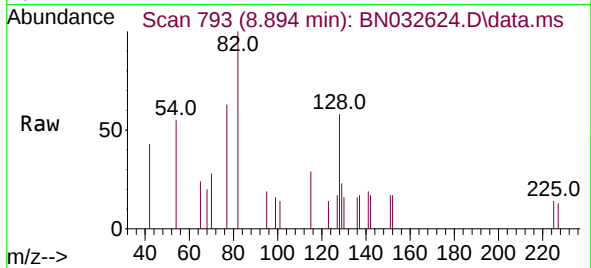
Tgt Ion:136 Resp: 11590
Ion Ratio Lower Upper
136 100
137 14.9 9.9 14.9
54 11.4 6.5 9.7#
68 10.2 5.8 8.8#





#8
Nitrobenzene-d5
Concen: 0.434 ng m
RT: 8.894 min Scan# 793
Delta R.T. 0.117 min
Lab File: BN032624.D
Acq: 10 Jul 2024 21:21

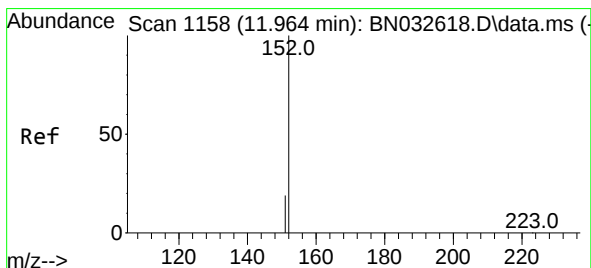
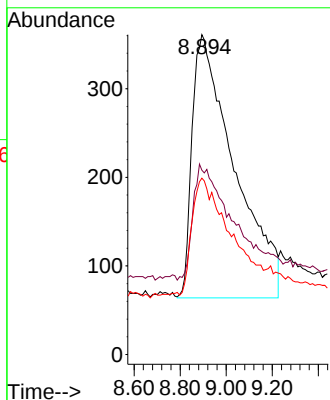
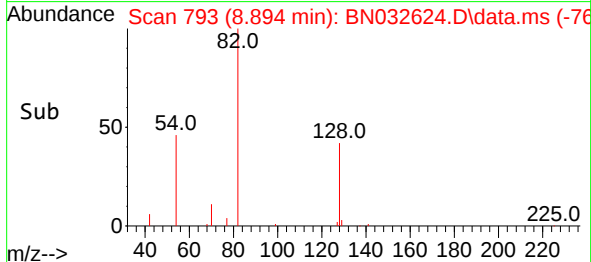
Instrument :
BNA_N
ClientSampleId :
PB161896BL



Tgt Ion: 82 Resp: 378
Ion Ratio Lower Upper
82 100
128 57.6 41.7 62.5
54 55.1 39.5 59.3

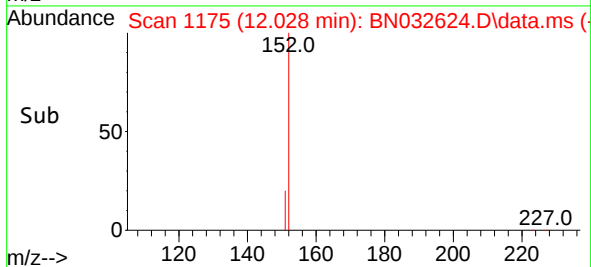
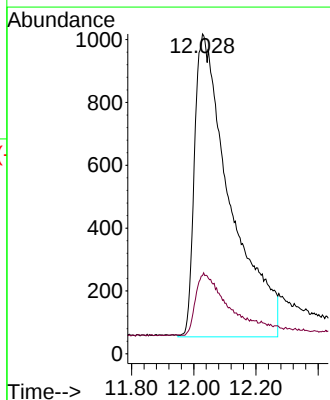
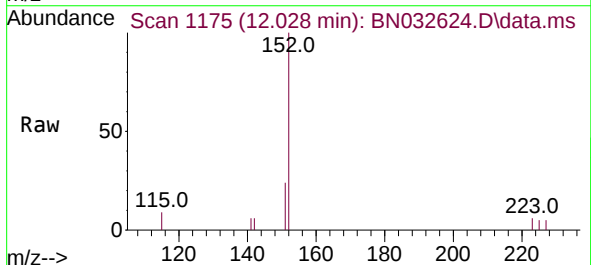
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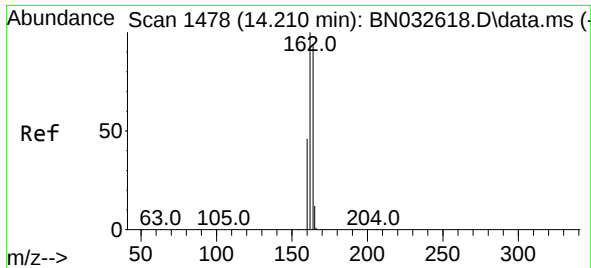
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#11
2-Methylnaphthalene-d10
Concen: 0.433 ng m
RT: 12.028 min Scan# 1175
Delta R.T. 0.064 min
Lab File: BN032624.D
Acq: 10 Jul 2024 21:21

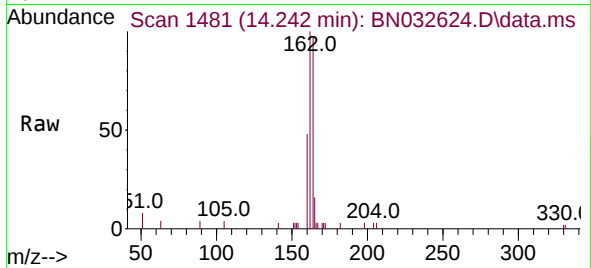
Tgt Ion:152 Resp: 7670
Ion Ratio Lower Upper
152 100
151 16.8 16.2 24.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 1478
Delta R.T. 0.032 min
Lab File: BN032624.D
Acq: 10 Jul 2024 21:21

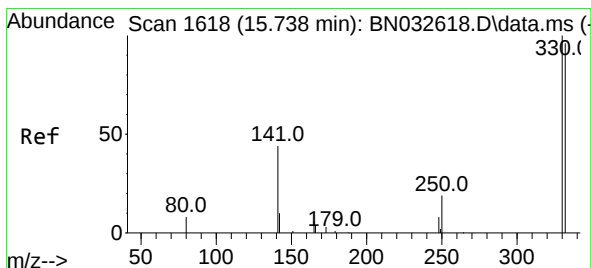
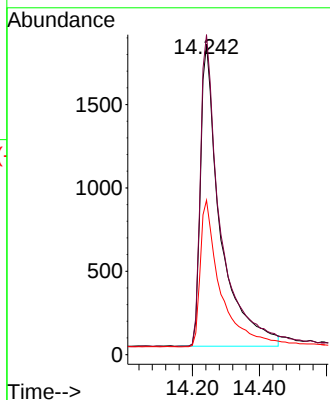
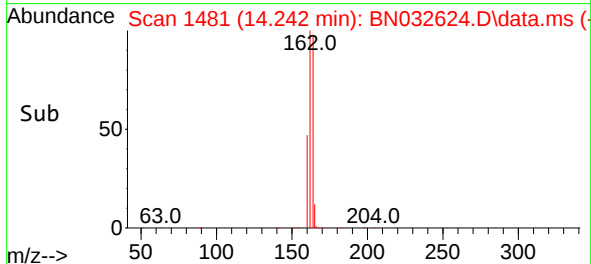
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ClientSampleId :
PB161896BL



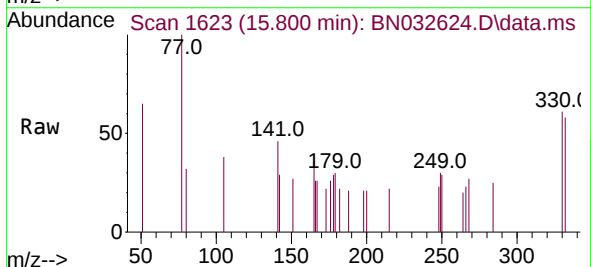
Tgt Ion:164 Resp: 7450
Ion Ratio Lower Upper
164 100
162 103.1 85.0 127.4
160 49.8 39.4 59.2

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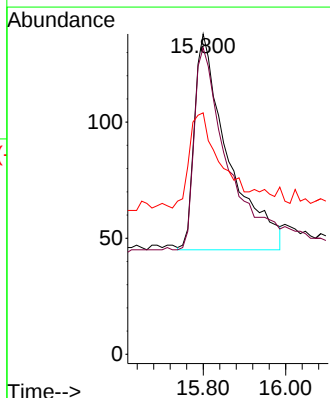
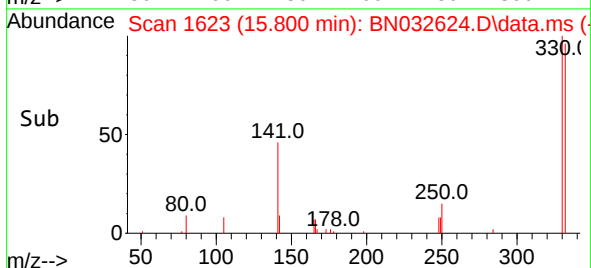
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

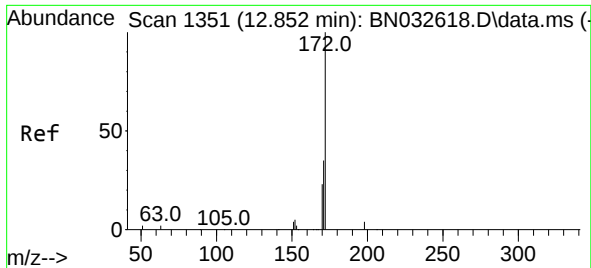


#14
2,4,6-Tribromophenol
Concen: 0.165 ng m
RT: 15.800 min Scan# 1623
Delta R.T. 0.062 min
Lab File: BN032624.D
Acq: 10 Jul 2024 21:21



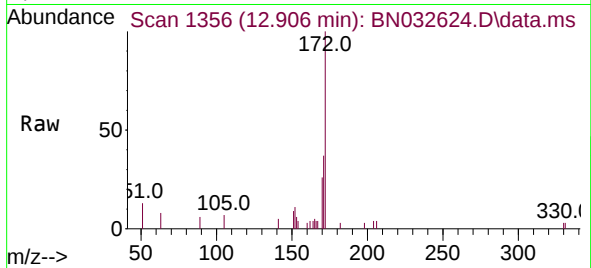
Tgt Ion:330 Resp: 526
Ion Ratio Lower Upper
330 100
332 84.6 77.8 116.8
141 40.9 34.2 51.2





#15
2-Fluorobiphenyl
Concen: 0.404 ng m
RT: 12.906 min Scan# 1119
Delta R.T. 0.053 min
Lab File: BN032624.D
Acq: 10 Jul 2024 21:21

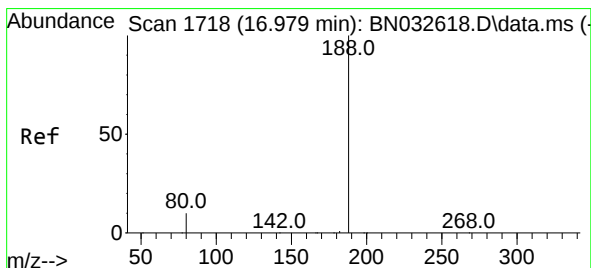
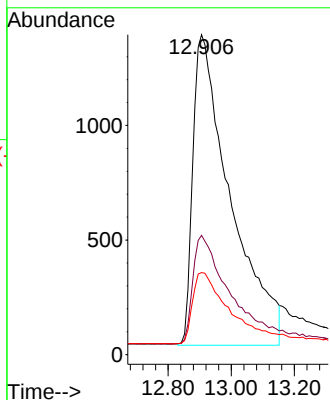
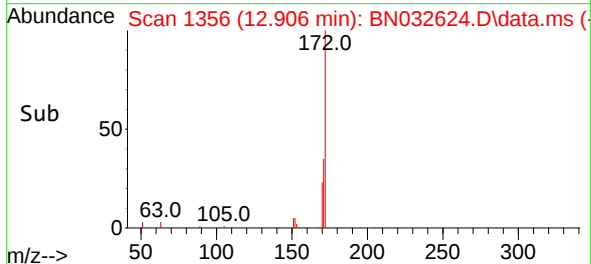
Instrument :
BNA_N
ClientSampleId :
PB161896BL



Tgt Ion:172 Resp: 11199
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 25.6 19.0 28.6

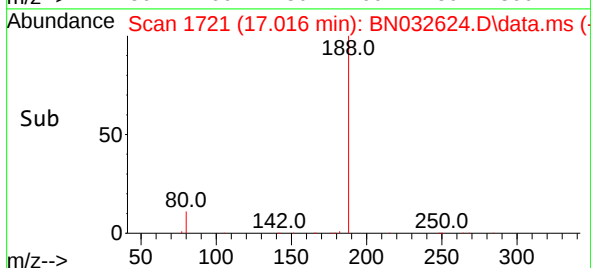
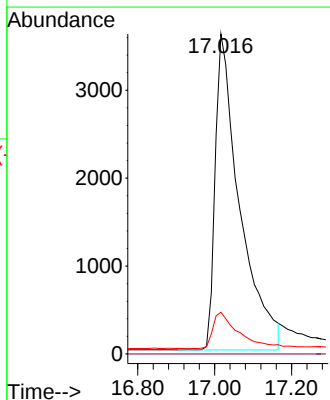
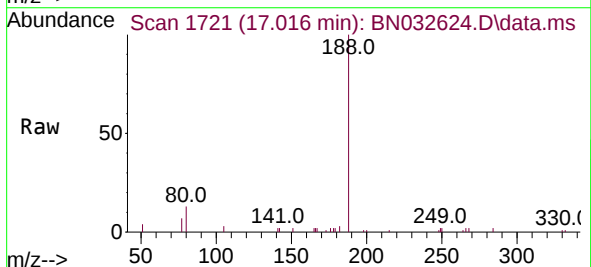
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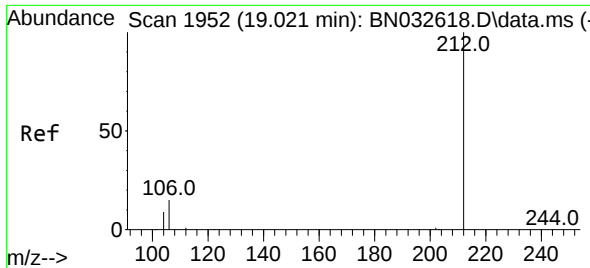
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.016 min Scan# 1721
Delta R.T. 0.037 min
Lab File: BN032624.D
Acq: 10 Jul 2024 21:21

Tgt Ion:188 Resp: 15874
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 8.8 13.2





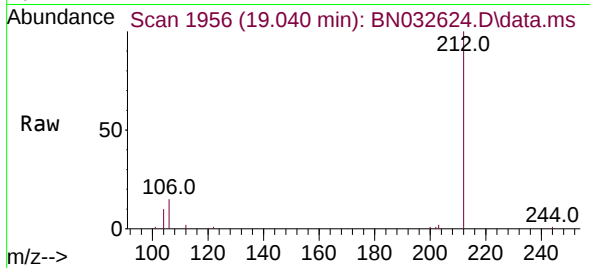
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Fluoranthene-d10
Concen: 0.467 ng
RT: 19.040 min Scan# 1956
Delta R.T. 0.018 min
Lab File: BN032624.D
Acq: 10 Jul 2024 21:21

Instrument :

BNA_N

ClientSampleId :

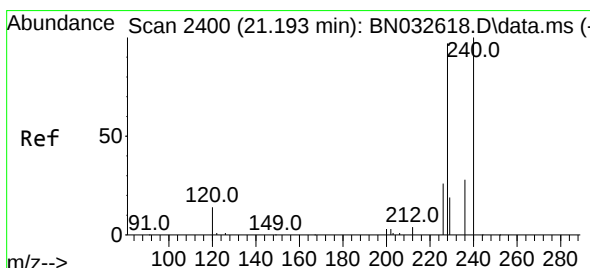
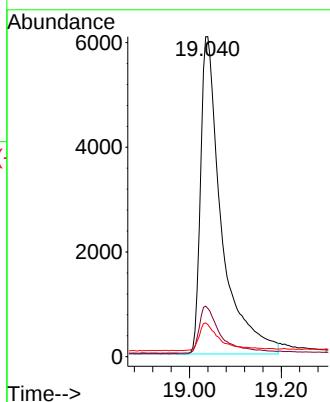
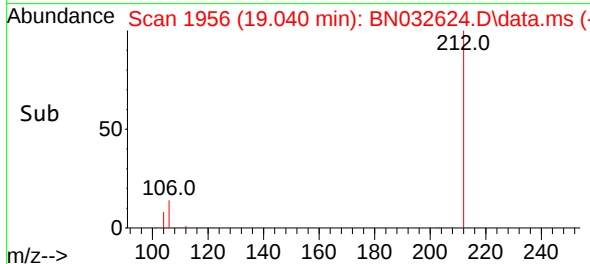
PB161896BL



Tgt Ion:212 Resp: 1919
Ion Ratio Lower Upper
212 100
106 15.2 11.9 17.9
104 8.9 6.9 10.3

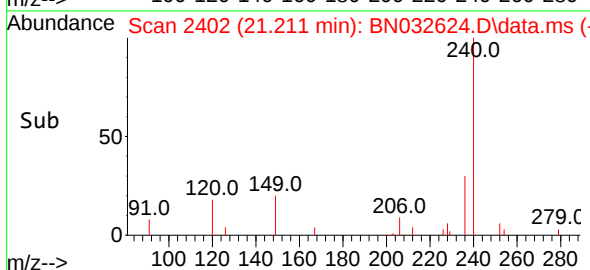
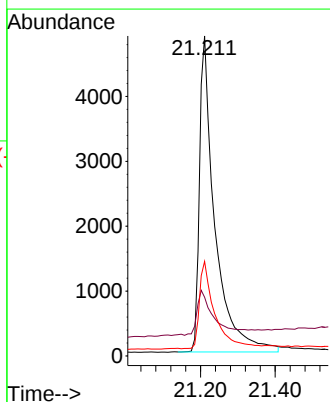
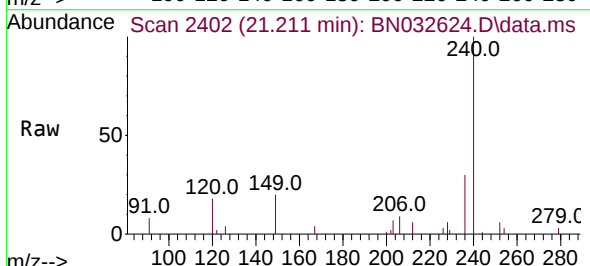
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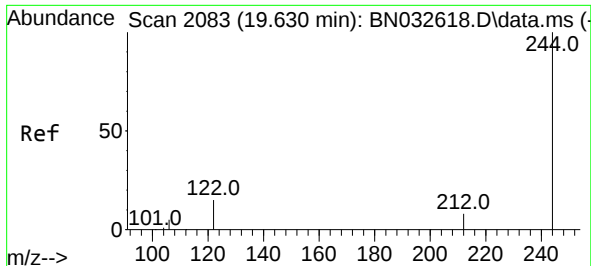
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.018 min
Lab File: BN032624.D
Acq: 10 Jul 2024 21:21

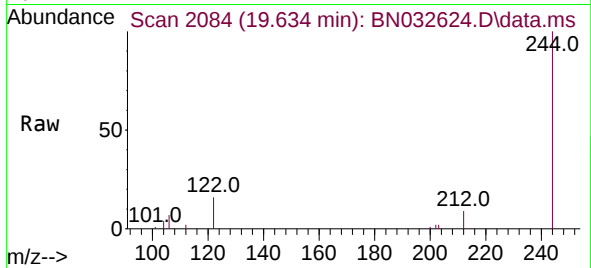
Tgt Ion:240 Resp: 13976
Ion Ratio Lower Upper
240 100
120 18.3 14.8 22.2
236 29.6 23.3 34.9





#31
Terphenyl-d14
Concen: 0.490 ng
RT: 19.634 min Scan# 2083
Delta R.T. 0.004 min
Lab File: BN032624.D
Acq: 10 Jul 2024 21:21

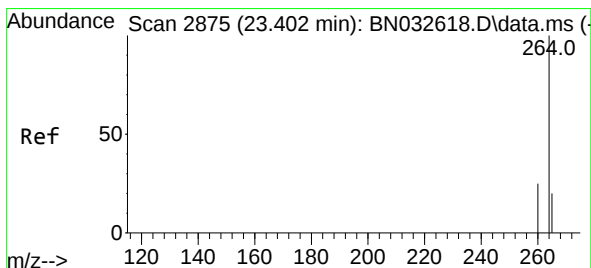
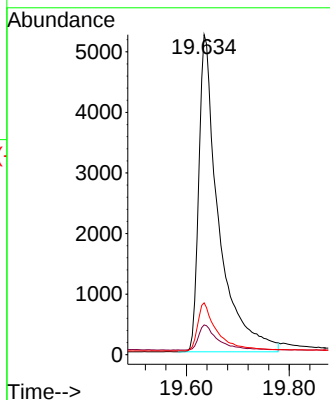
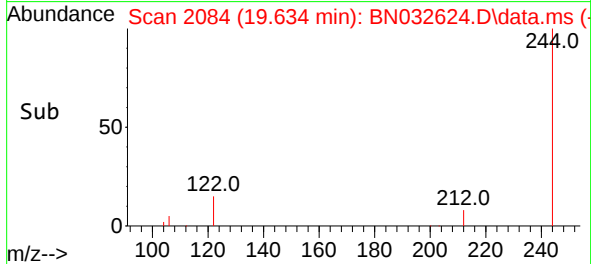
Instrument :
BNA_N
ClientSampleId :
PB161896BL



Tgt Ion:244 Resp: 1404
Ion Ratio Lower Upper
244 100
212 9.3 7.5 11.3
122 16.2 12.6 19.0

Manual Integrations
APPROVED

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



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.411 min Scan# 2878
Delta R.T. 0.009 min
Lab File: BN032624.D
Acq: 10 Jul 2024 21:21

Tgt Ion:264 Resp: 13928
Ion Ratio Lower Upper
264 100
260 26.5 20.9 31.3
265 127.0 85.4 128.2

