

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033050.D
 Acq On : 28 Jul 2024 01:40
 Operator : MA/JU
 Sample : PB162161BL
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162161BL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
 Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 29 01:10:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	3452m	0.400	ng	0.04
7) Naphthalene-d8	10.415	136	12933m	0.400	ng	0.11
13) Acenaphthene-d10	14.201	164	8660	0.400	ng	0.02
19) Phenanthrene-d10	16.982	188	17606	0.400	ng	0.03
29) Chrysene-d12	21.178	240	17027	0.400	ng	0.01
35) Perylene-d12	23.356	264	17299	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.221	112	2949m	0.338	ng	0.04
5) Phenol-d6	7.055	99	4721m	0.436	ng	0.28
8) Nitrobenzene-d5	8.995	82	3042m	0.312	ng	0.26
11) 2-Methylnaphthalene-d10	12.026	152	6323m	0.320	ng	0.11
14) 2,4,6-Tribromophenol	15.791	330	550	0.149	ng	0.07
15) 2-Fluorobiphenyl	12.886	172	9222m	0.286	ng	0.08
27) Fluoranthene-d10	19.006	212	16444	0.361	ng	0.01
31) Terphenyl-d14	19.596	244	13741	0.394	ng	0.00

Target Compounds Qvalue

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

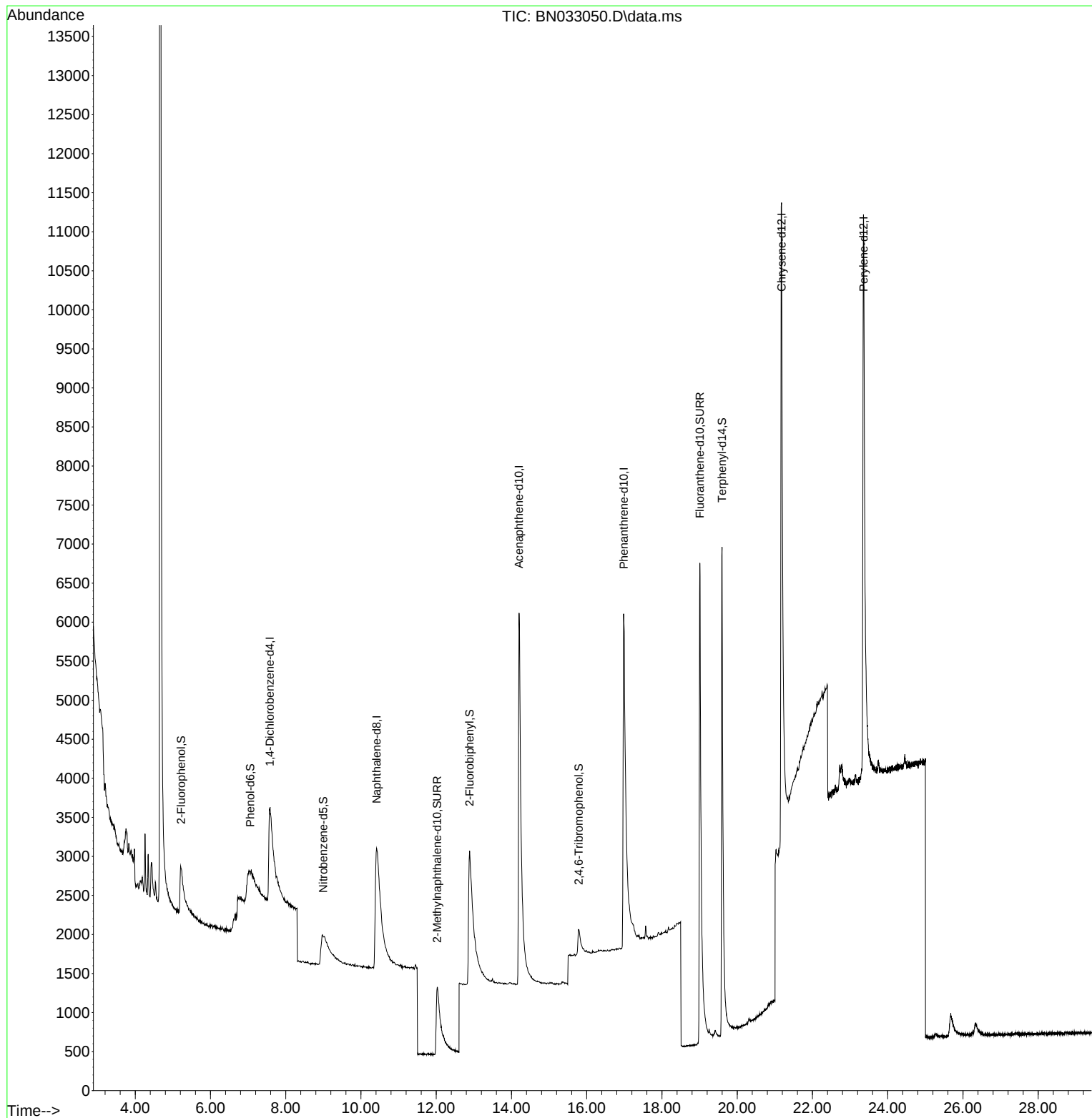
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
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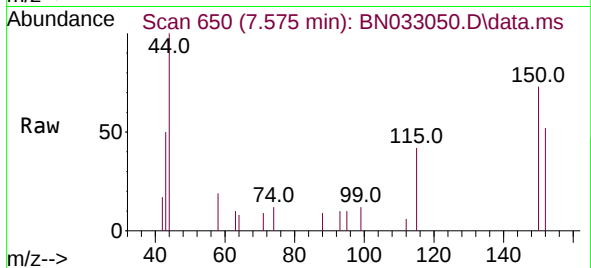
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.575 min Scan# 612
Delta R.T. 0.044 min
Lab File: BN033050.D
Acq: 28 Jul 2024 01:40

Instrument :

BNA_N

ClientSampleId :

PB162161BL

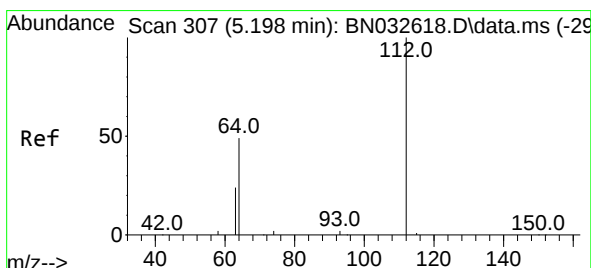
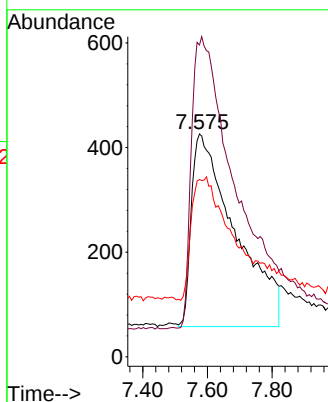
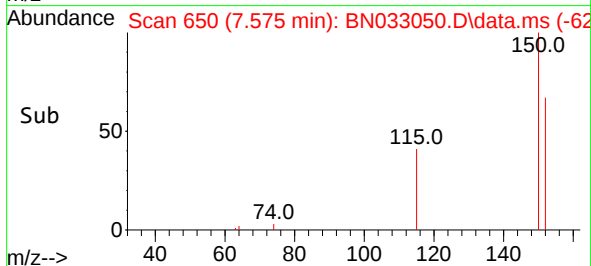


Tgt Ion:152 Resp: 3452
Ion Ratio Lower Upper
152 100
150 139.9 123.8 185.6
115 79.6 52.8 79.2

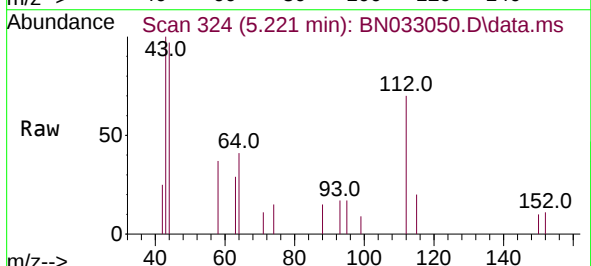
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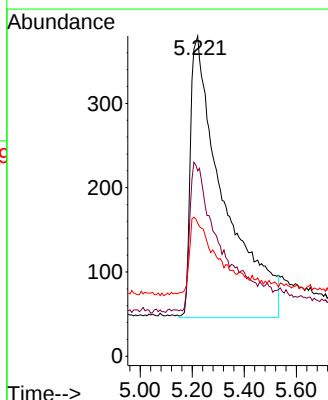
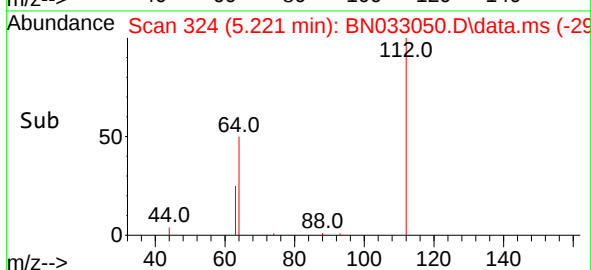
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

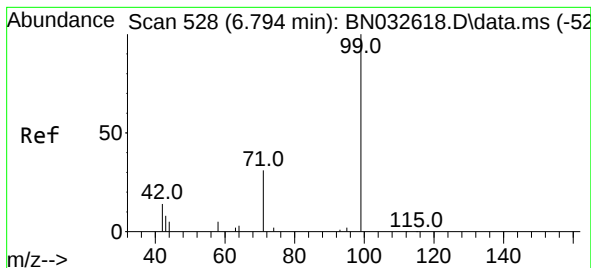


#4
2-Fluorophenol
Concen: 0.338 ng m
RT: 5.221 min Scan# 324
Delta R.T. 0.045 min
Lab File: BN033050.D
Acq: 28 Jul 2024 01:40



Tgt Ion:112 Resp: 2949
Ion Ratio Lower Upper
112 100
64 41.3 40.2 60.4
63 21.0 22.2 33.4





#5

Phenol-d6

Concen: 0.436 ng m

RT: 7.055 min Scan# 51

Delta R.T. 0.276 min

Lab File: BN033050.D

Acq: 28 Jul 2024 01:40

Instrument :

BNA_N

ClientSampleId :

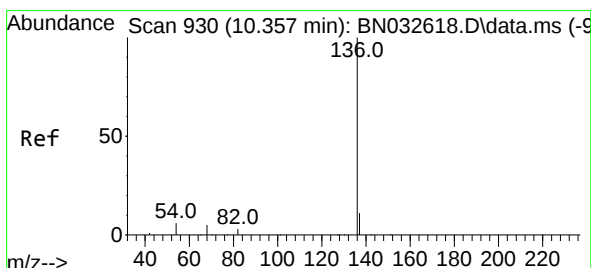
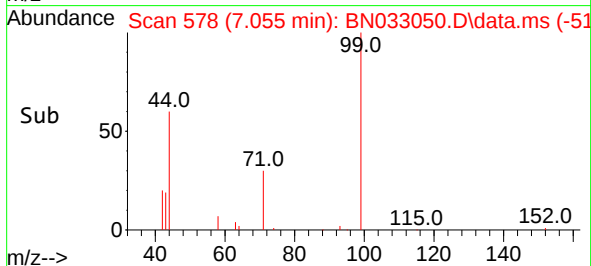
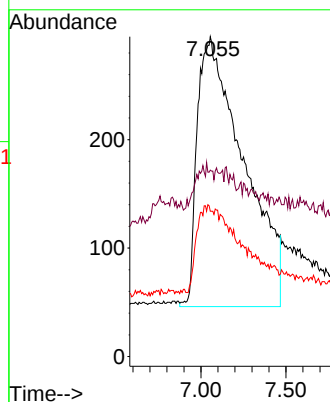
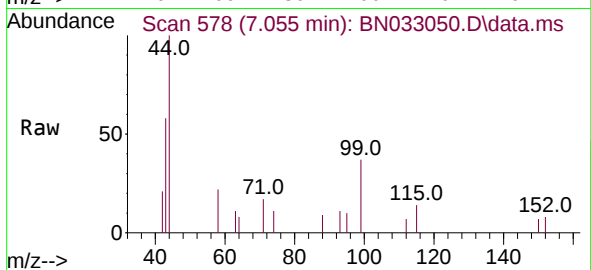
PB162161BL

Tgt Ion:	99	Resp:	472
Ion	Ratio	Lower	Upper
99	100		
42	0.0	10.5	15.7
71	0.0	22.3	33.5

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#7

Naphthalene-d8

Concen: 0.400 ng m

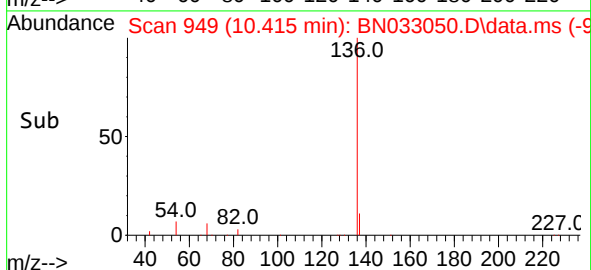
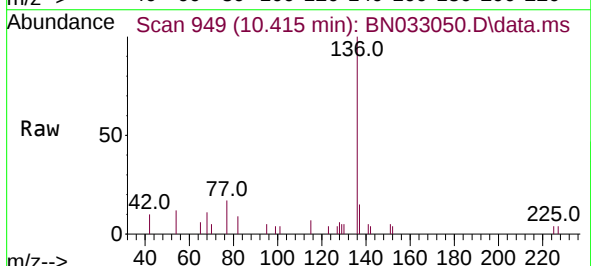
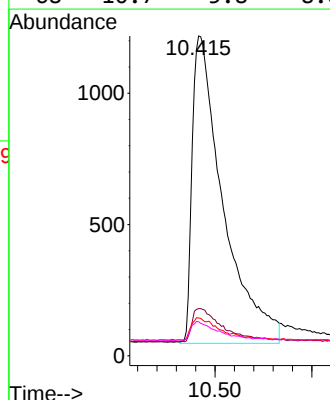
RT: 10.415 min Scan# 949

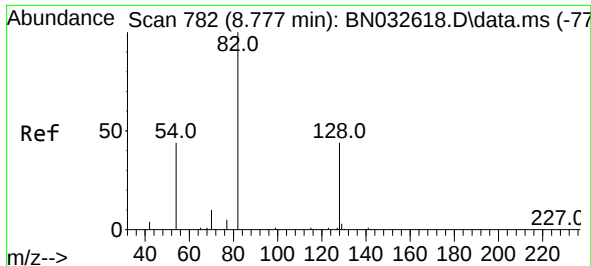
Delta R.T. 0.111 min

Lab File: BN033050.D

Acq: 28 Jul 2024 01:40

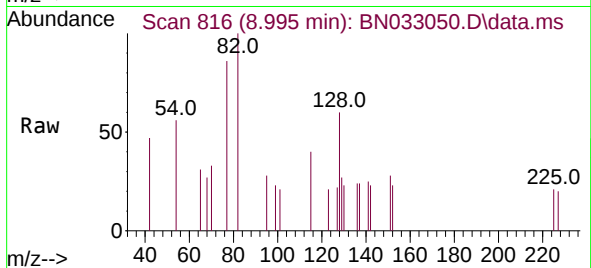
Tgt Ion:	136	Resp:	12933
Ion	Ratio	Lower	Upper
136	100		
137	14.8	9.9	14.9
54	11.8	6.5	9.7#
68	10.7	5.8	8.8#





#8
Nitrobenzene-d5
Concen: 0.312 ng m
RT: 8.995 min Scan# 816
Delta R.T. 0.261 min
Lab File: BN033050.D
Acq: 28 Jul 2024 01:40

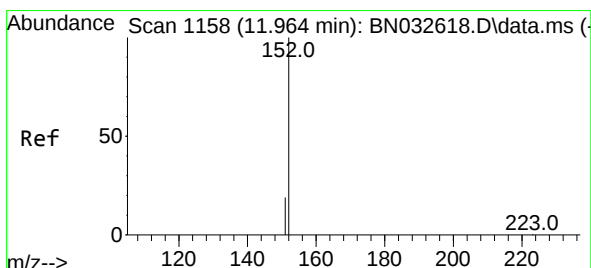
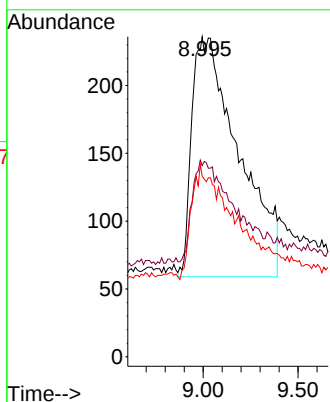
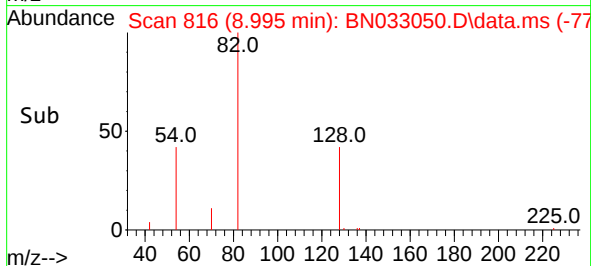
Instrument :
BNA_N
ClientSampleId :
PB162161BL



Tgt Ion: 82 Resp: 304
Ion Ratio Lower Upper
82 100
128 59.7 41.7 62.5
54 56.4 39.5 59.3

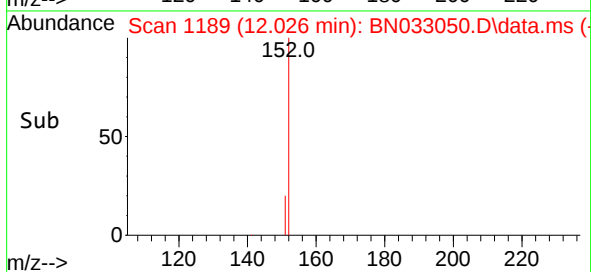
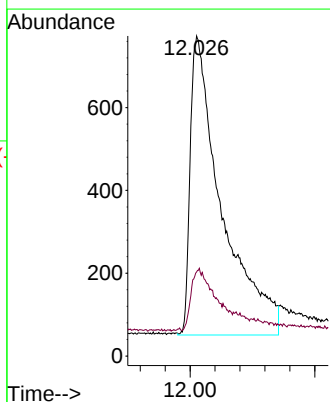
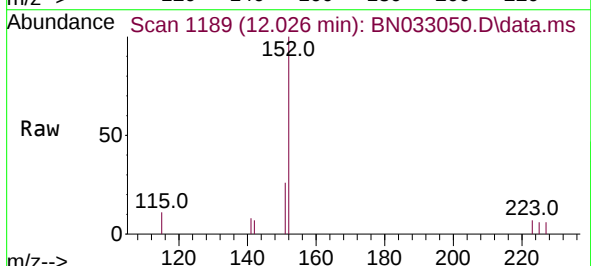
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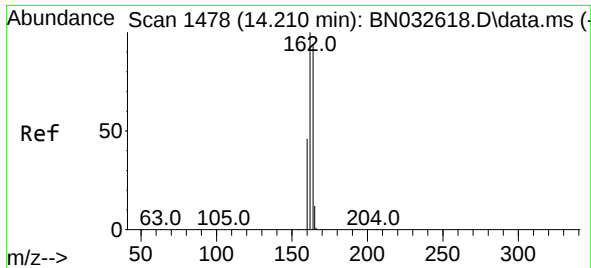
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#11
2-Methylnaphthalene-d10
Concen: 0.320 ng m
RT: 12.026 min Scan# 1189
Delta R.T. 0.111 min
Lab File: BN033050.D
Acq: 28 Jul 2024 01:40

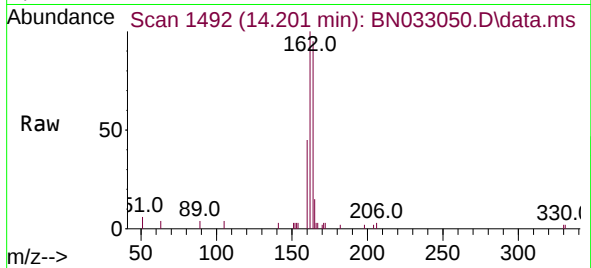
Tgt Ion:152 Resp: 6323
Ion Ratio Lower Upper
152 100
151 13.9 16.2 24.2#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.201 min Scan# 1478
Delta R.T. 0.023 min
Lab File: BN033050.D
Acq: 28 Jul 2024 01:40

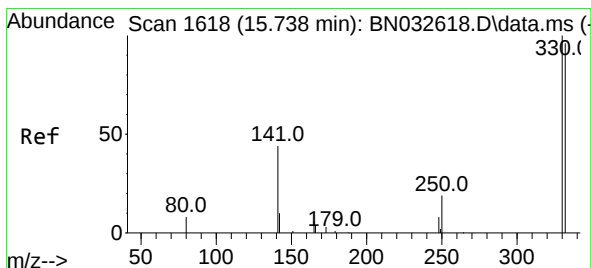
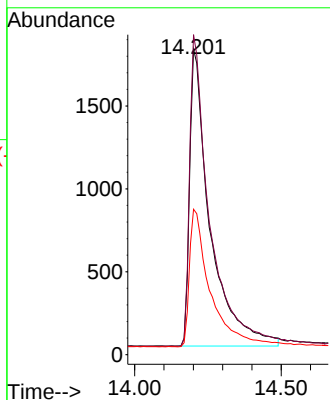
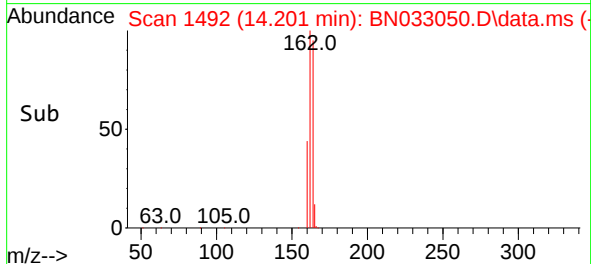
Instrument :
BNA_N
ClientSampleId :
PB162161BL



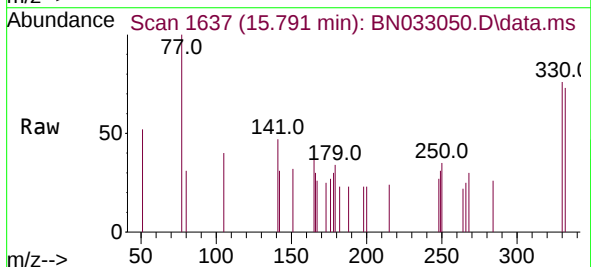
Tgt Ion:164 Resp: 866
Ion Ratio Lower Upper
164 100
162 104.8 85.0 127.4
160 47.6 39.4 59.2

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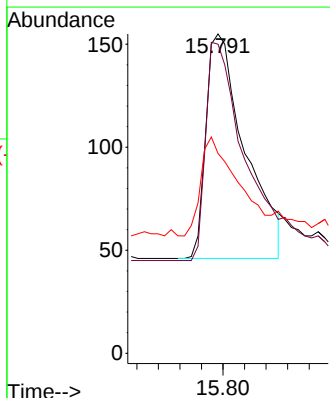
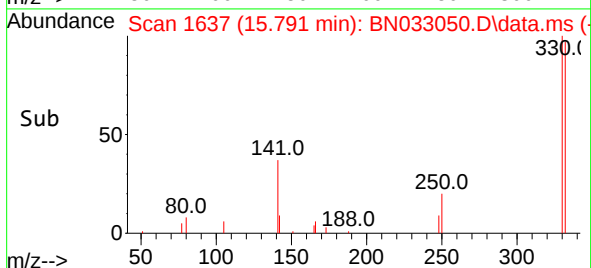
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

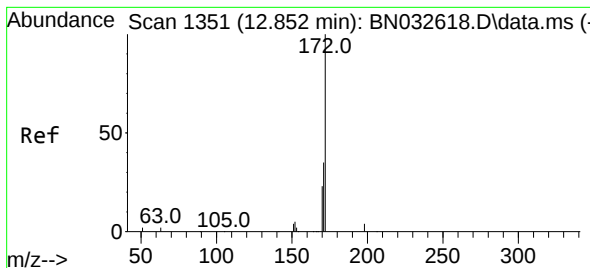


#14
2,4,6-Tribromophenol
Concen: 0.149 ng
RT: 15.791 min Scan# 1637
Delta R.T. 0.065 min
Lab File: BN033050.D
Acq: 28 Jul 2024 01:40



Tgt Ion:330 Resp: 550
Ion Ratio Lower Upper
330 100
332 95.5 77.8 116.8
141 43.1 34.2 51.2





#15

2-Fluorobiphenyl

Concen: 0.286 ng m

RT: 12.886 min Scan# 11

Delta R.T. 0.076 min

Lab File: BN033050.D

Acq: 28 Jul 2024 01:40

Instrument :

BNA_N

ClientSampleId :

PB162161BL

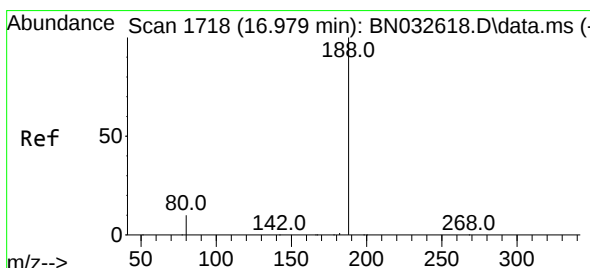
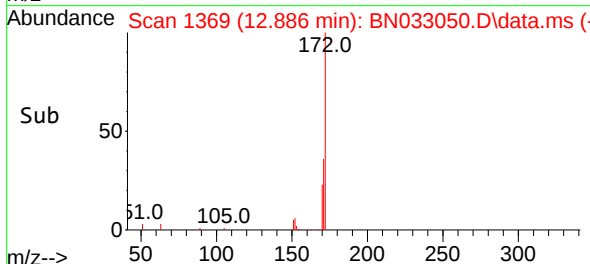
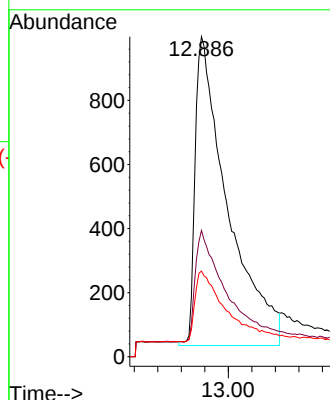
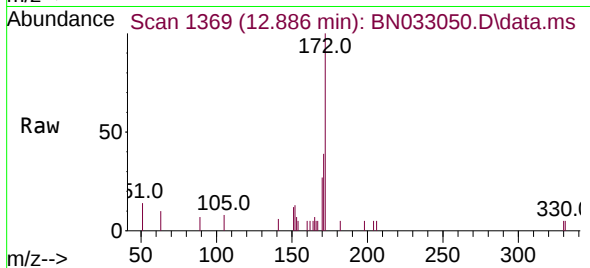
Tgt Ion:172 Resp: 922

Ion	Ratio	Lower	Upper
172	100		
171	39.4	28.6	43.0
170	26.7	19.0	28.6

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#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.982 min Scan# 1733

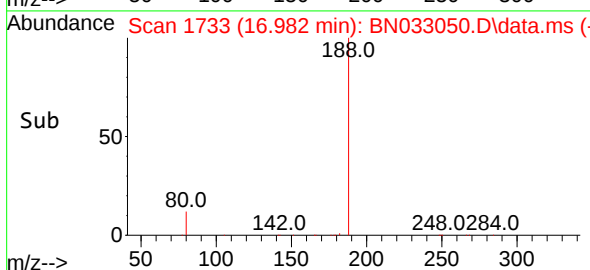
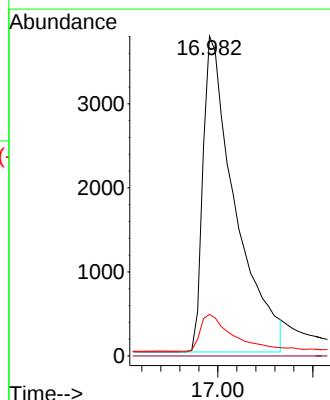
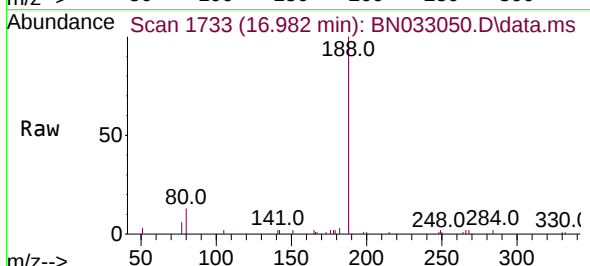
Delta R.T. 0.028 min

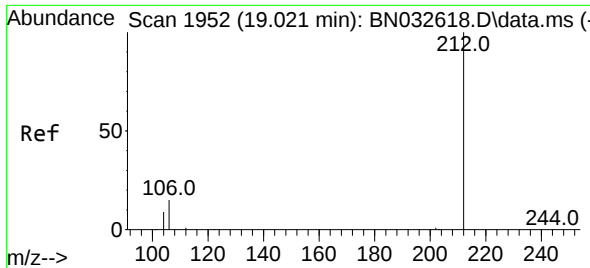
Lab File: BN033050.D

Acq: 28 Jul 2024 01:40

Tgt Ion:188 Resp: 17606

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	8.8	13.2





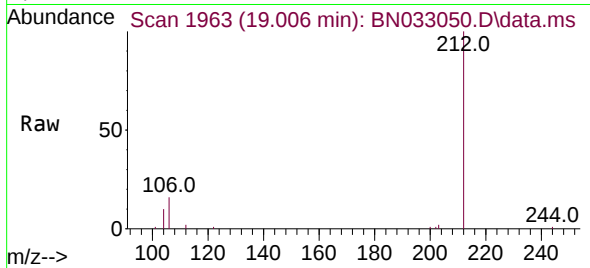
#27
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.006 min Scan# 1952
Delta R.T. 0.013 min
Lab File: BN033050.D
Acq: 28 Jul 2024 01:40

Instrument :

BNA_N

ClientSampleId :

PB162161BL

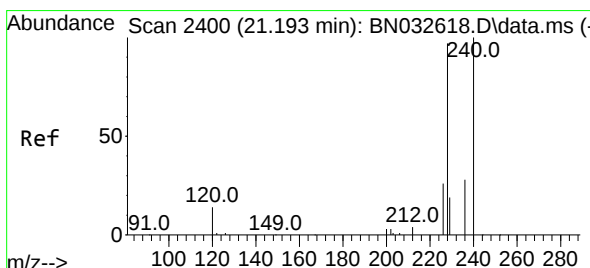
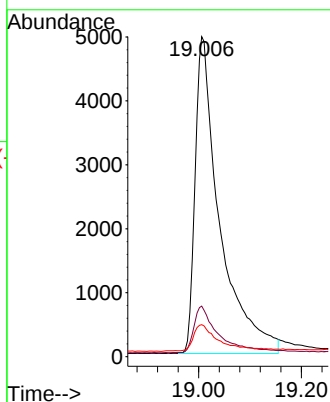
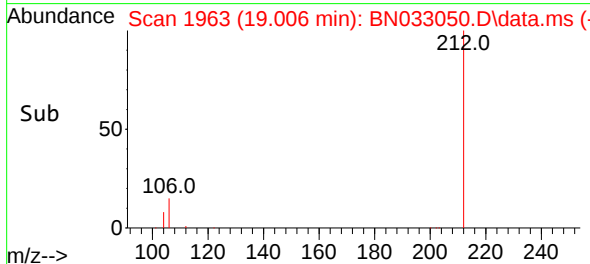


Tgt Ion:212 Resp: 1644
Ion Ratio Lower Upper
212 100
106 14.7 11.9 17.9
104 8.7 6.9 10.3

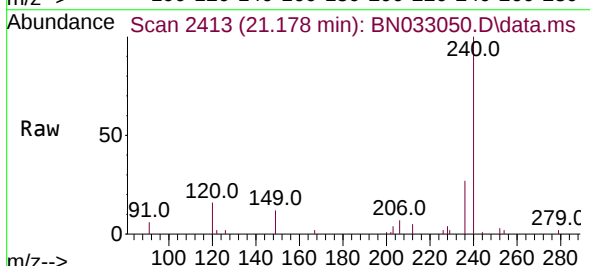
Manual Integrations

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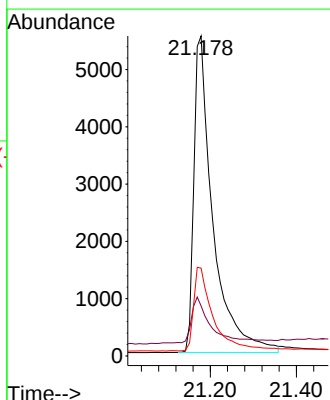
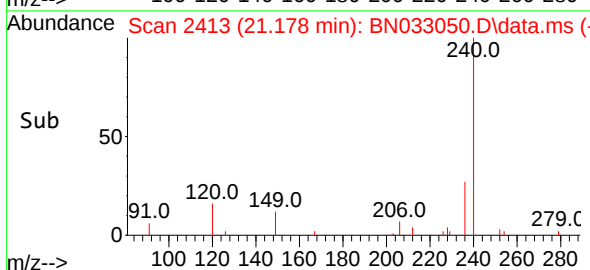
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

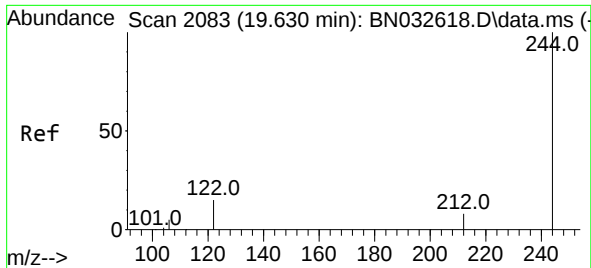


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.178 min Scan# 2413
Delta R.T. 0.012 min
Lab File: BN033050.D
Acq: 28 Jul 2024 01:40



Tgt Ion:240 Resp: 17027
Ion Ratio Lower Upper
240 100
120 15.6 14.8 22.2
236 27.4 23.3 34.9





#31
Terphenyl-d14
Concen: 0.394 ng
RT: 19.596 min Scan# 2083
Delta R.T. 0.003 min
Lab File: BN033050.D
Acq: 28 Jul 2024 01:40

Instrument :

BNA_N

ClientSampleId :

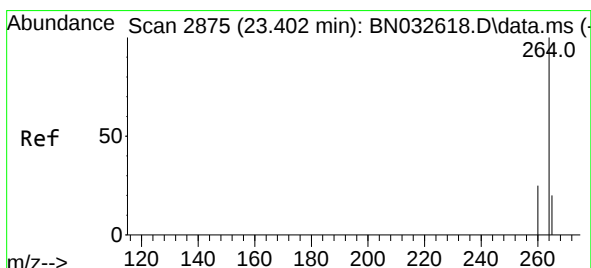
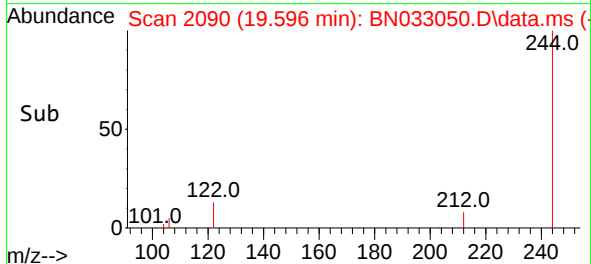
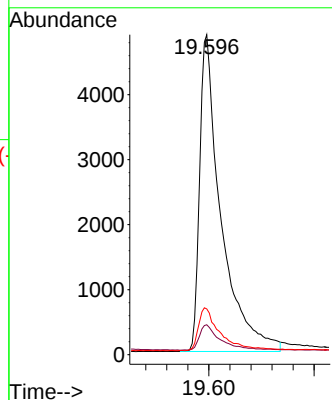
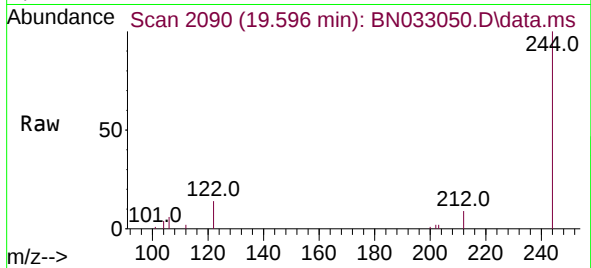
PB162161BL

Tgt Ion:244 Resp: 1374
Ion Ratio Lower Upper
244 100
212 9.3 7.5 11.3
122 14.3 12.6 19.0

Manual Integrations

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Supervised By :mohammad ahmed 07/30/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.356 min Scan# 2875
Delta R.T. -0.003 min
Lab File: BN033050.D
Acq: 28 Jul 2024 01:40

Tgt Ion:264 Resp: 17299
Ion Ratio Lower Upper
264 100
260 25.4 20.9 31.3
265 68.4 85.4 128.2#

