

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033037.D
 Acq On : 27 Jul 2024 17:50
 Operator : MA/JU
 Sample : PB162294BL
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162294BL

Manual Integrations
 APPROVED

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

Quant Time: Jul 29 01:06:37 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	7.589	152	1908m	0.400	ng	0.06
7) Naphthalene-d8	10.458	136	6334m	0.400	ng	0.15
13) Acenaphthene-d10	14.222	164	4319m	0.400	ng	0.04
19) Phenanthrene-d10	17.007	188	9677m	0.400	ng	0.05
29) Chrysene-d12	21.187	240	9420	0.400	ng	0.02
35) Perylene-d12	23.367	264	10162	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	1944m	0.403	ng	0.04
5) Phenol-d6	7.134	99	2458m	0.410	ng	0.35
8) Nitrobenzene-d5	9.080	82	1479m	0.310	ng	0.35
11) 2-Methylnaphthalene-d10	12.060	152	3320m	0.343	ng	0.14
14) 2,4,6-Tribromophenol	15.803	330	357m	0.193	ng	0.08
15) 2-Fluorobiphenyl	12.918	172	5082m	0.316	ng	0.11
27) Fluoranthene-d10	19.015	212	9998	0.399	ng	0.02
31) Terphenyl-d14	19.605	244	8317	0.431	ng	0.01

Target Compounds Qvalue

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

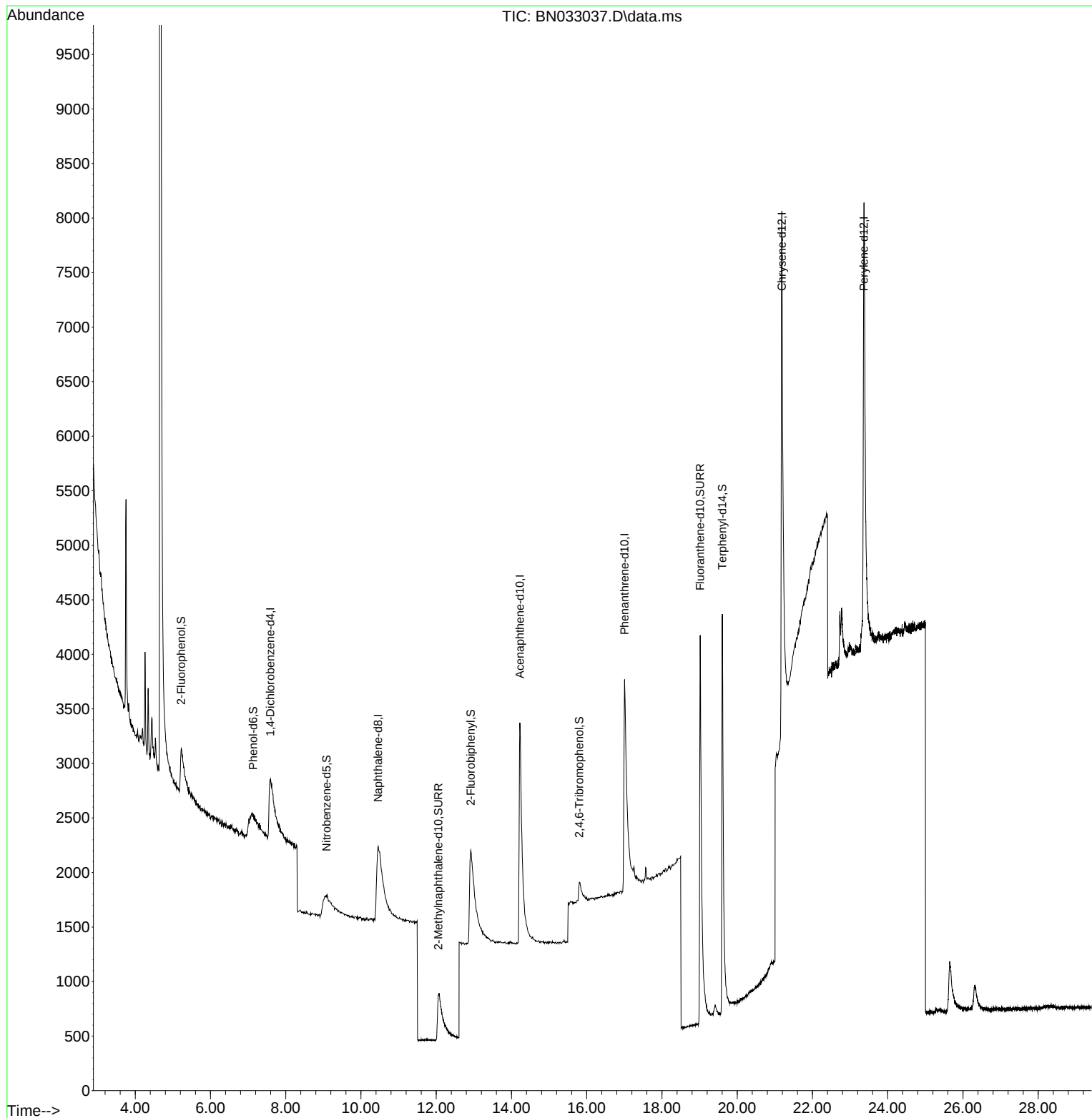
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
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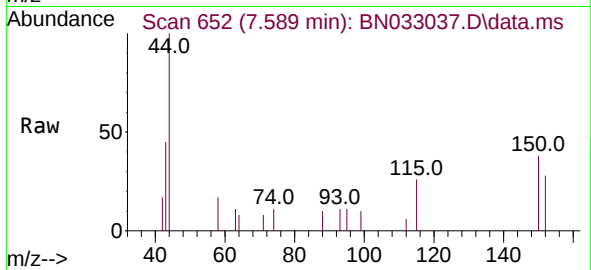
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.589 min Scan# 61
Delta R.T. 0.058 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50

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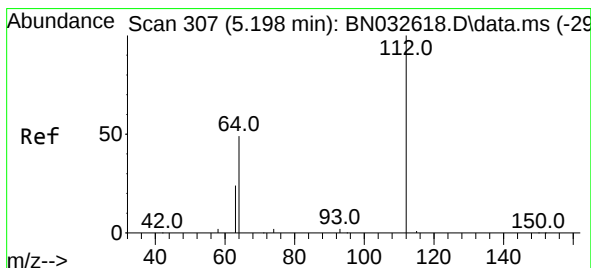
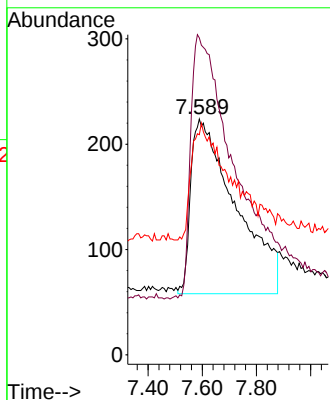
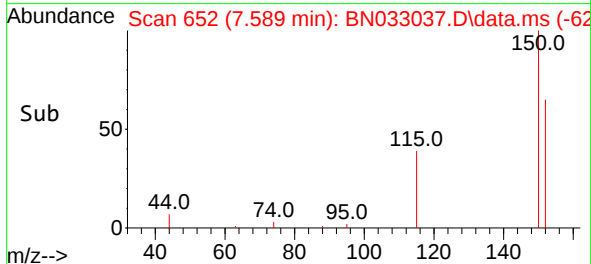


Tgt Ion:152 Resp: 1908
Ion Ratio Lower Upper
152 100
150 134.4 123.8 185.6
115 93.3 52.8 79.2

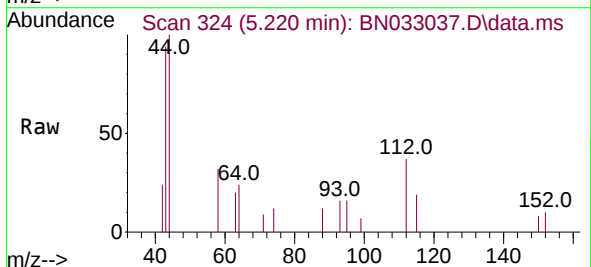
Manual Integrations

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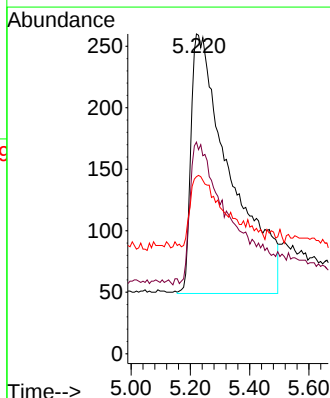
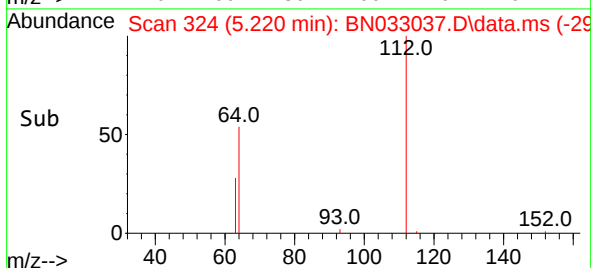
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

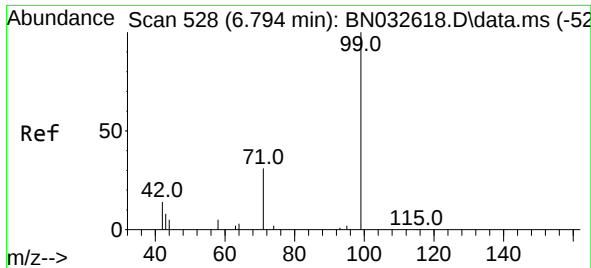


#4
2-Fluorophenol
Concen: 0.403 ng m
RT: 5.220 min Scan# 324
Delta R.T. 0.044 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50



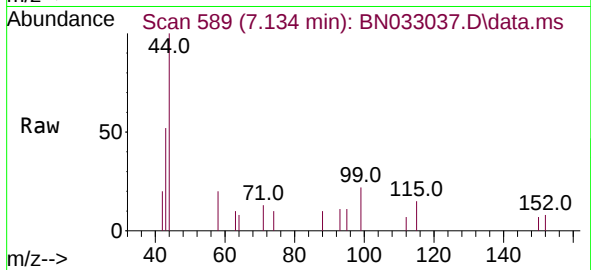
Tgt Ion:112 Resp: 1944
Ion Ratio Lower Upper
112 100
64 44.7 40.2 60.4
63 18.7 22.2 33.4





#5
Phenol-d6
Concen: 0.410 ng m
RT: 7.134 min Scan# 528
Delta R.T. 0.355 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50

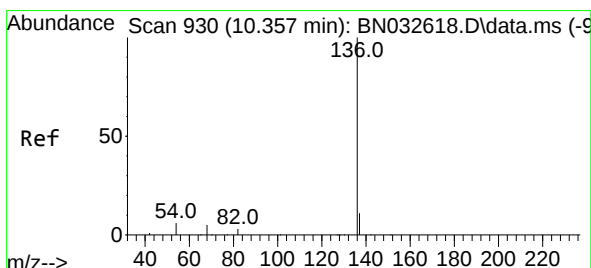
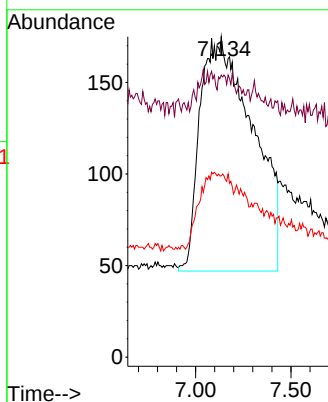
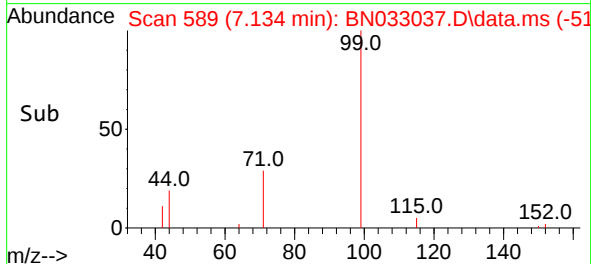
Instrument :
BNA_N
ClientSampleId :
PB162294BL



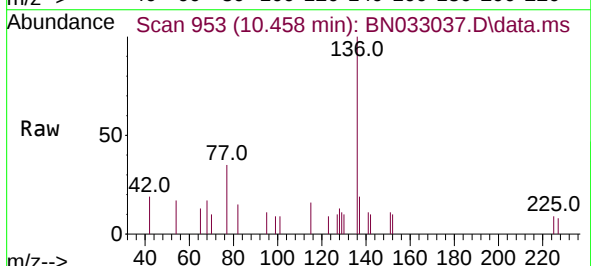
Tgt Ion: 99 Resp: 2458
Ion Ratio Lower Upper
99 100
42 1.1 10.5 15.7#
71 0.1 22.3 33.5#

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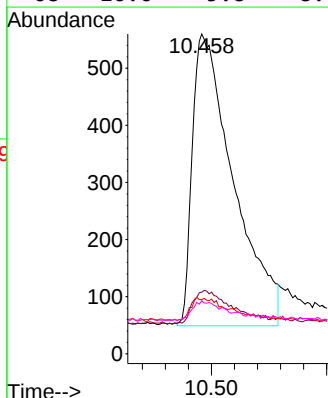
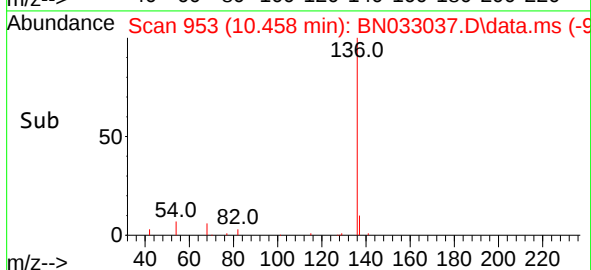
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

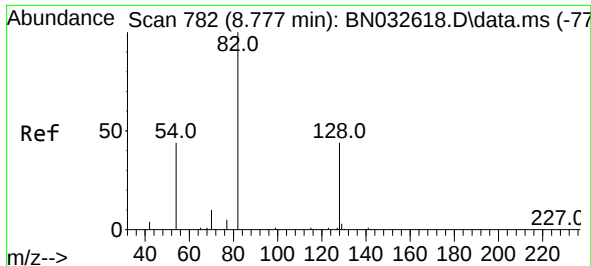


#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.458 min Scan# 953
Delta R.T. 0.154 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50



Tgt Ion:136 Resp: 6334
Ion Ratio Lower Upper
136 100
137 19.3 9.9 14.9#
54 17.0 6.5 9.7#
68 16.6 5.8 8.8#





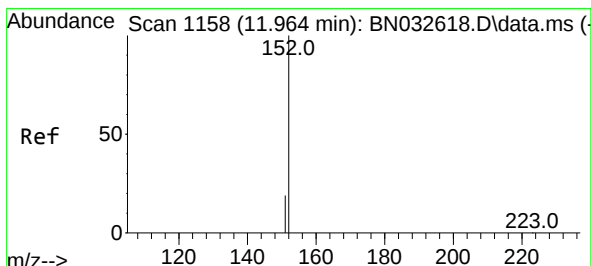
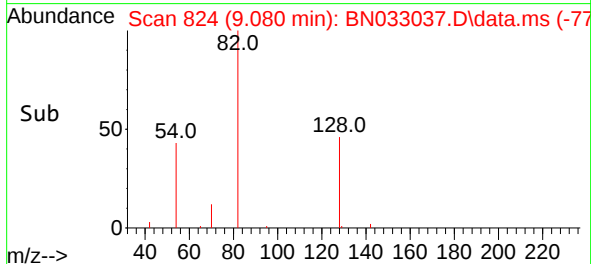
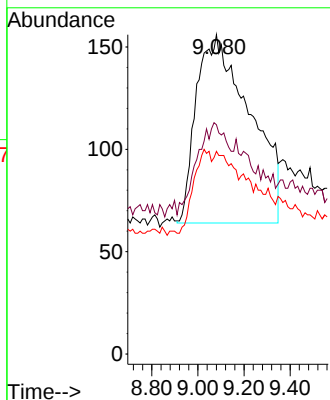
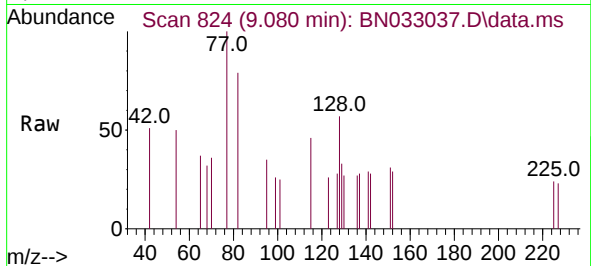
#8
Nitrobenzene-d5
Concen: 0.310 ng m
RT: 9.080 min Scan# 81
Delta R.T. 0.346 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50

Instrument :
BNA_N
ClientSampleId :
PB162294BL

Tgt Ion: 82 Resp: 1479
Ion Ratio Lower Upper
82 100
128 71.8 41.7 62.5
54 63.5 39.5 59.3

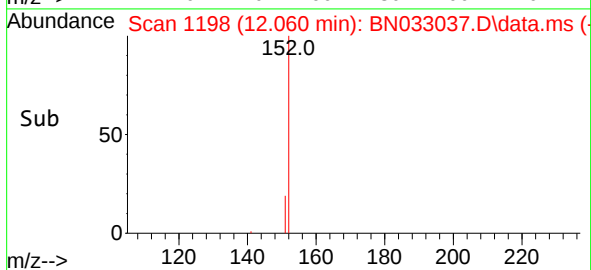
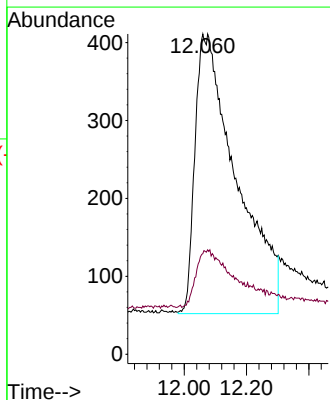
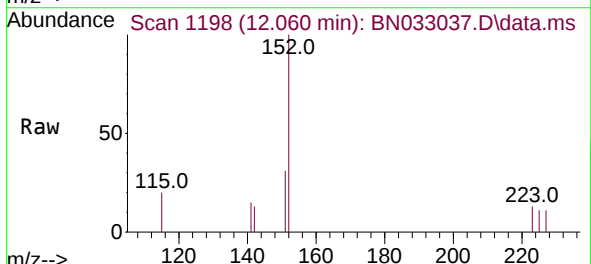
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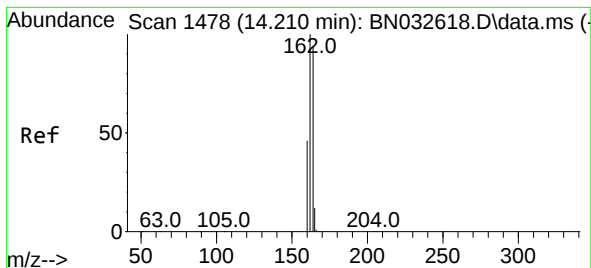
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#11
2-Methylnaphthalene-d10
Concen: 0.343 ng m
RT: 12.060 min Scan# 1198
Delta R.T. 0.145 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50

Tgt Ion:152 Resp: 3320
Ion Ratio Lower Upper
152 100
151 5.2 16.2 24.2#





#13

Acenaphthene-d10

Concen: 0.400 ng m

RT: 14.222 min Scan# 1478

Delta R.T. 0.044 min

Lab File: BN033037.D

Acq: 27 Jul 2024 17:50

Instrument :

BNA_N

ClientSampleId :

PB162294BL

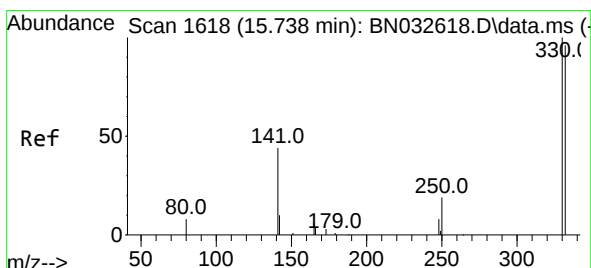
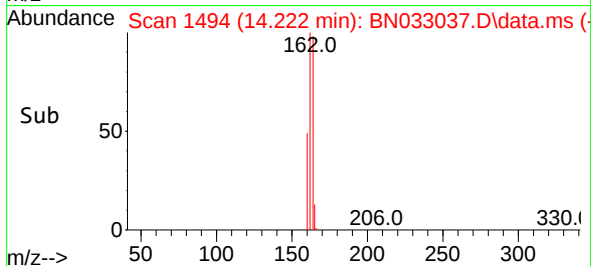
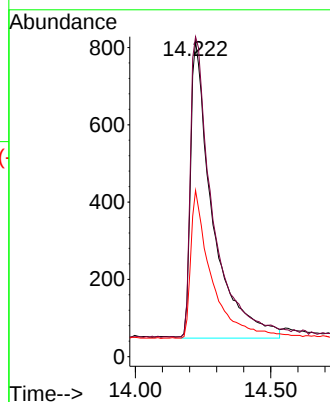
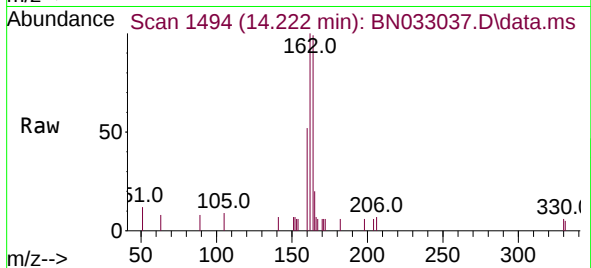
Tgt Ion:164 Resp: 4319

Ion	Ratio	Lower	Upper
164	100		
162	101.5	85.0	127.4
160	52.7	39.4	59.2

Manual Integrations

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Supervised By :mohammad ahmed 07/30/2024



#14

2,4,6-Tribromophenol

Concen: 0.193 ng m

RT: 15.803 min Scan# 1638

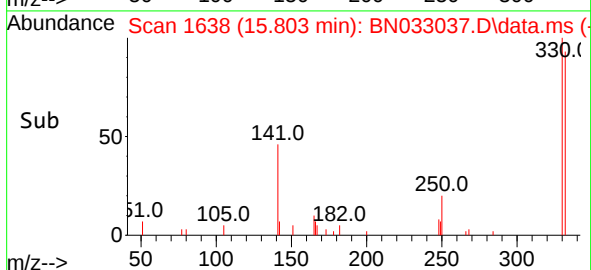
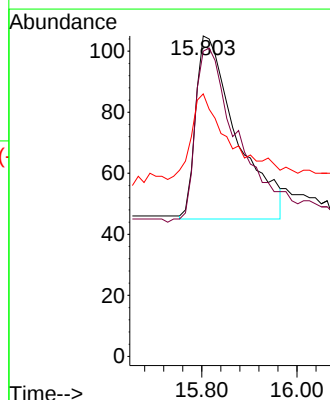
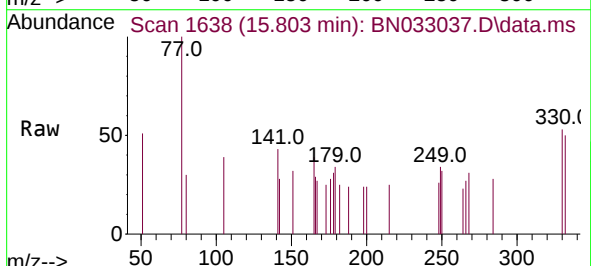
Delta R.T. 0.078 min

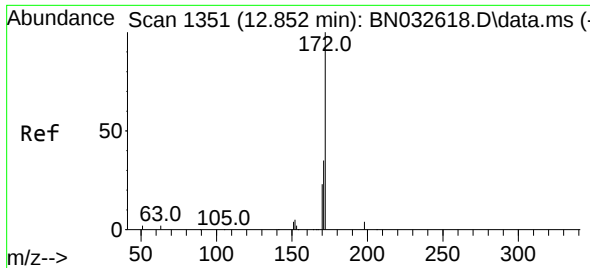
Lab File: BN033037.D

Acq: 27 Jul 2024 17:50

Tgt Ion:330 Resp: 357

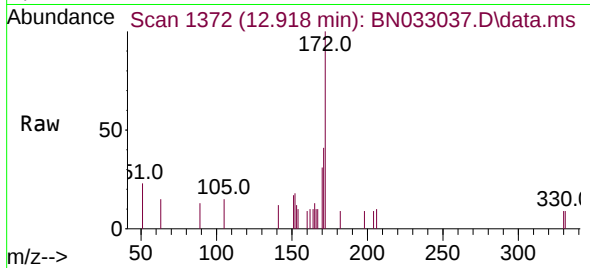
Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.8	116.8
141	40.1	34.2	51.2





#15
2-Fluorobiphenyl
Concen: 0.316 ng m
RT: 12.918 min Scan# 11
Delta R.T. 0.108 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50

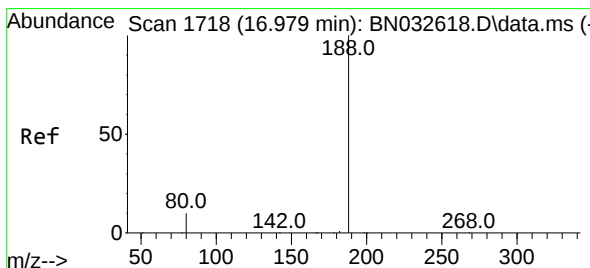
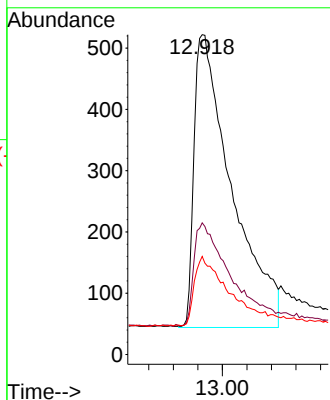
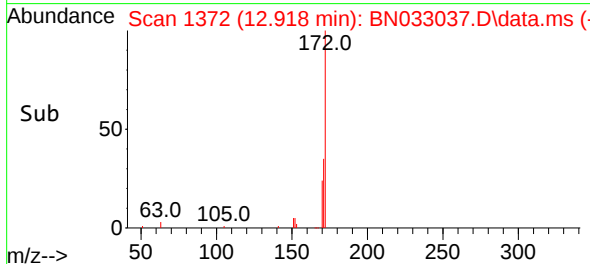
Instrument :
BNA_N
ClientSampleId :
PB162294BL



Tgt Ion:172 Resp: 508
Ion Ratio Lower Upper
172 100
171 41.2 28.6 43.0
170 30.7 19.0 28.6

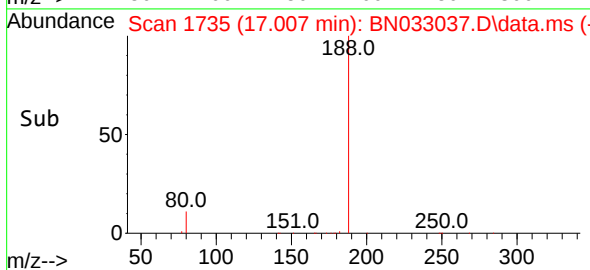
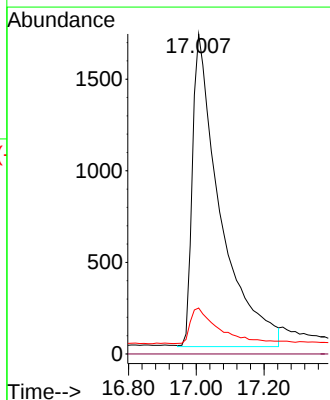
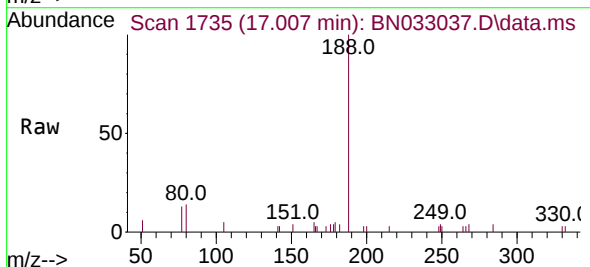
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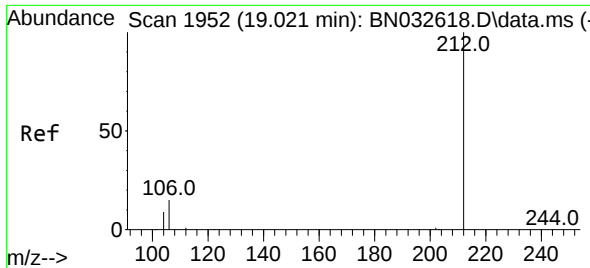
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#19
Phenanthrene-d10
Concen: 0.400 ng m
RT: 17.007 min Scan# 1735
Delta R.T. 0.053 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50

Tgt Ion:188 Resp: 9677
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 8.8 13.2





#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.015 min Scan# 1952
Delta R.T. 0.022 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50

Instrument :

BNA_N

ClientSampleId :

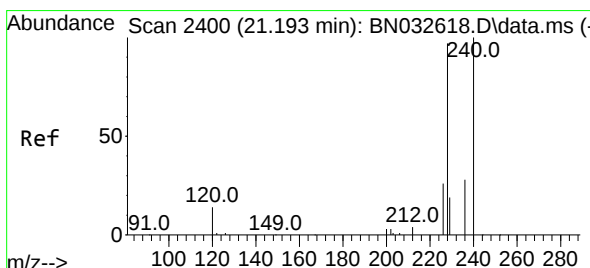
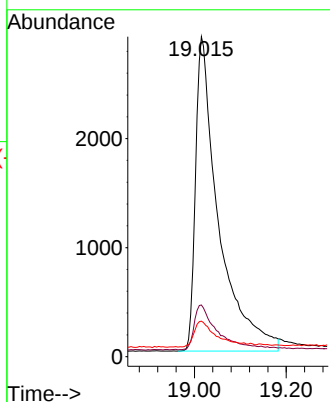
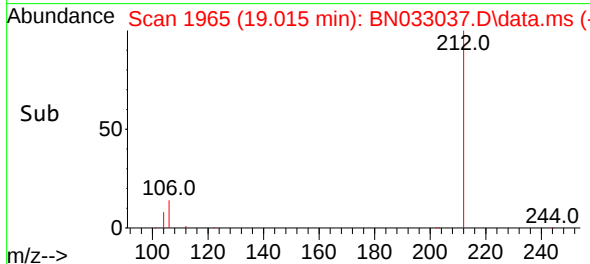
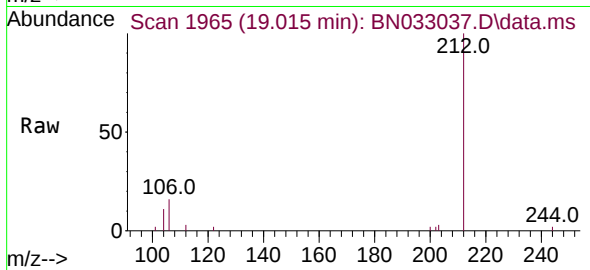
PB162294BL

Tgt Ion:212 Resp: 9998
Ion Ratio Lower Upper
212 100
106 14.8 11.9 17.9
104 8.1 6.9 10.3

Manual Integrations

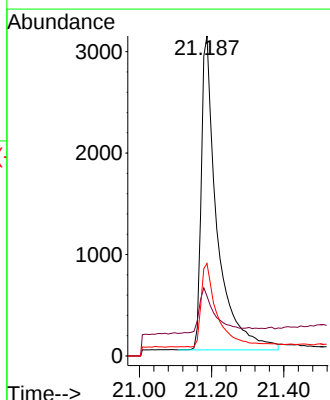
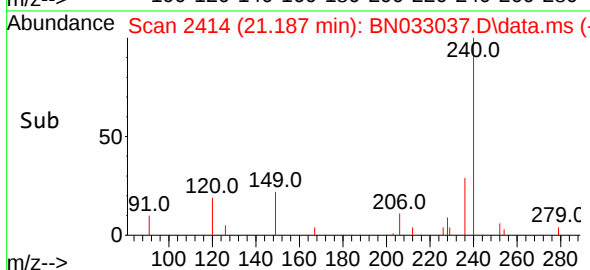
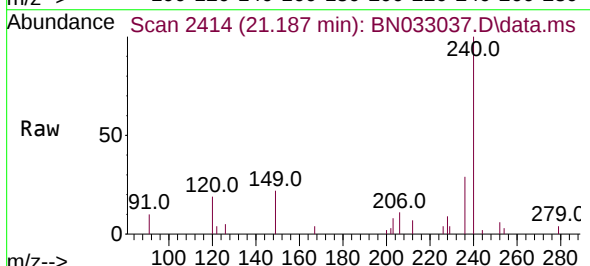
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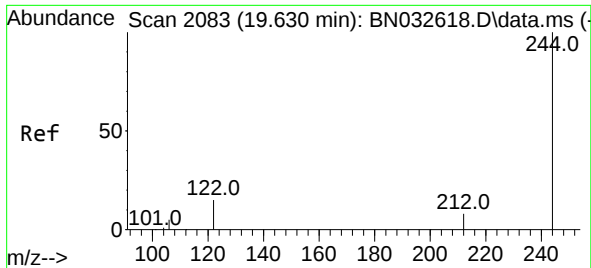
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.187 min Scan# 2414
Delta R.T. 0.021 min
Lab File: BN033037.D
Acq: 27 Jul 2024 17:50

Tgt Ion:240 Resp: 9420
Ion Ratio Lower Upper
240 100
120 18.7 14.8 22.2
236 28.9 23.3 34.9





#31
 Terphenyl-d14
 Concen: 0.431 ng
 RT: 19.605 min Scan# 2083
 Delta R.T. 0.012 min
 Lab File: BN033037.D
 Acq: 27 Jul 2024 17:50

Instrument :

BNA_N

ClientSampleId :

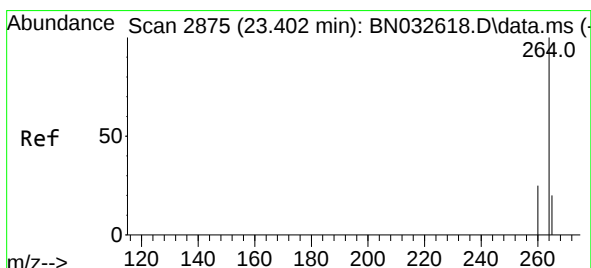
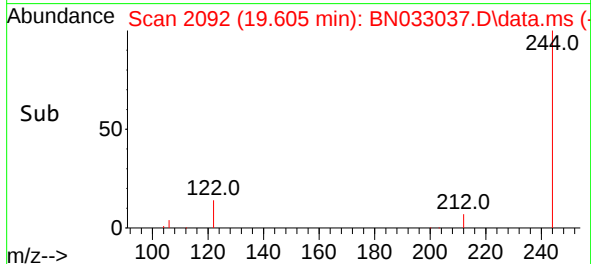
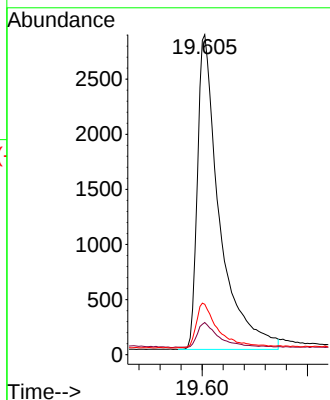
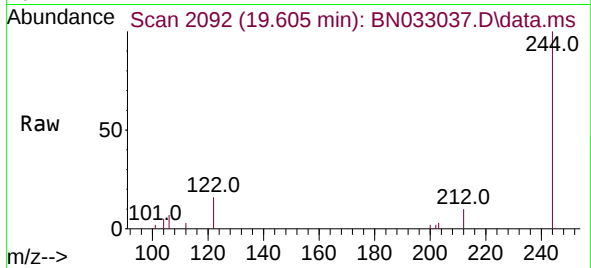
PB162294BL

Tgt Ion:244 Resp: 831
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.5 11.3
 122 15.7 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: 23.367 min Scan# 2879
 Delta R.T. 0.009 min
 Lab File: BN033037.D
 Acq: 27 Jul 2024 17:50

Tgt Ion:264 Resp: 10162
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.9 31.3
 265 104.9 85.4 128.2

