

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032599.D
 Acq On : 09 Jul 2024 22:36
 Operator : MA/JU
 Sample : PB161970BL
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB161970BL

Manual Integrations
 APPROVED

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

Quant Time: Jul 10 01:03:06 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	7.617	152	4274m	0.400	ng	0.03
7) Naphthalene-d8	10.453	136	12713m	0.400	ng	0.08
13) Acenaphthene-d10	14.263	164	7549	0.400	ng	0.03
19) Phenanthrene-d10	17.053	188	13070	0.400	ng	# 0.05
29) Chrysene-d12	21.238	240	9559	0.400	ng	# 0.03
35) Perylene-d12	23.443	264	10061	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.227	112	3656	0.338	ng	0.01
5) Phenol-d6	6.953	99	4741m	0.343	ng	0.13
8) Nitrobenzene-d5	8.937	82	3451m	0.364	ng	0.14
11) 2-Methylnaphthalene-d10	12.066	152	7024m	0.350	ng	0.08
14) 2,4,6-Tribromophenol	15.825	330	663m	0.194	ng	0.06
15) 2-Fluorobiphenyl	12.938	172	10081m	0.362	ng	0.07
27) Fluoranthene-d10	19.063	212	12036	0.353	ng	0.02
31) Terphenyl-d14	19.658	244	8714	0.373	ng	0.00

Target Compounds Qvalue

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

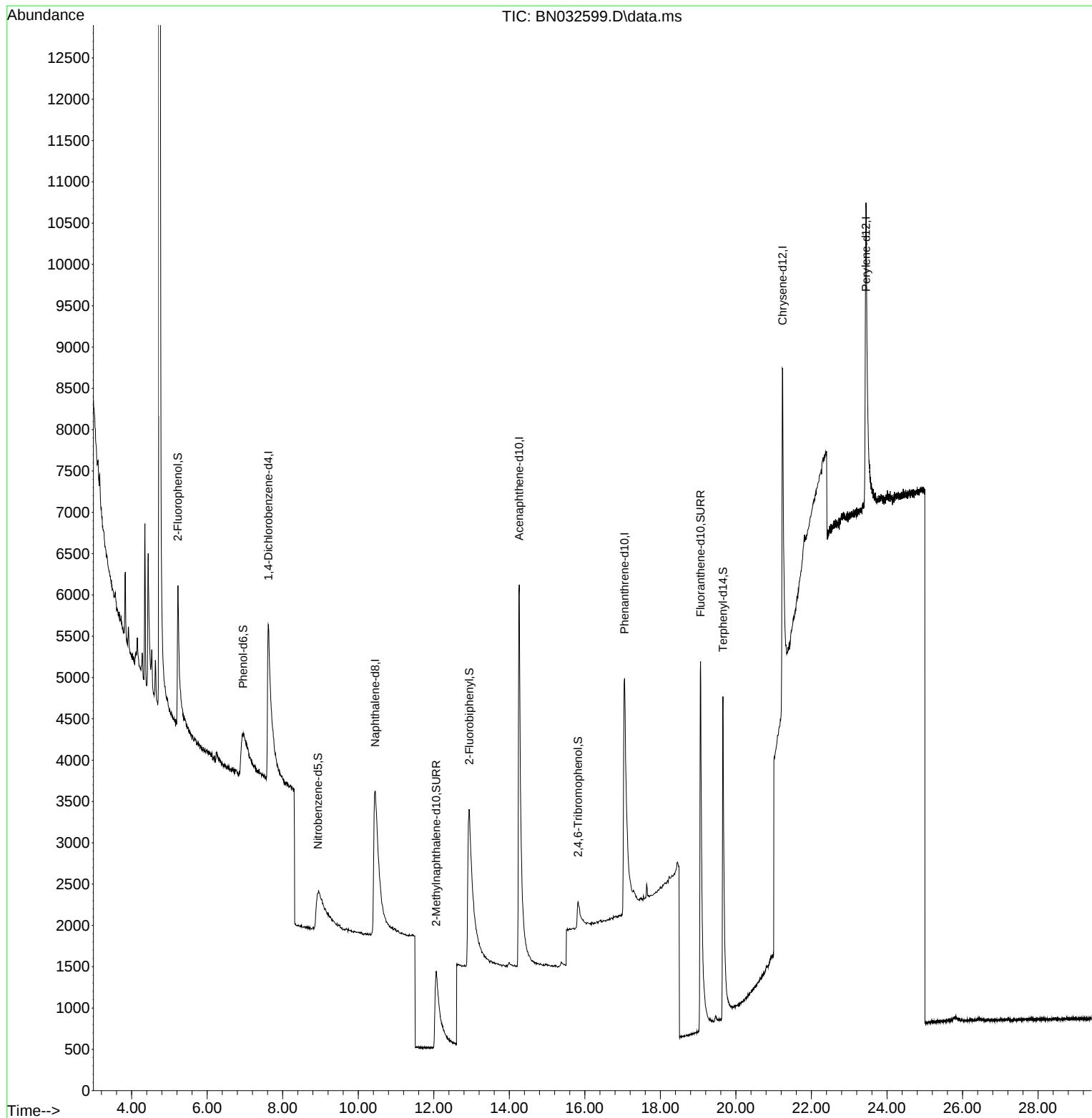
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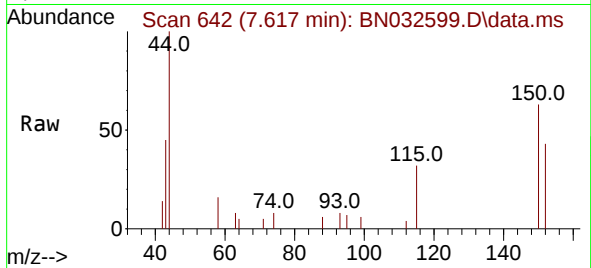
Quant Time: Jul 10 01:03:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.617 min Scan# 642
Delta R.T. 0.029 min
Lab File: BN032599.D
Acq: 09 Jul 2024 22:36

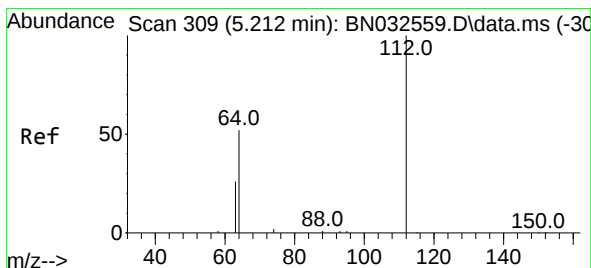
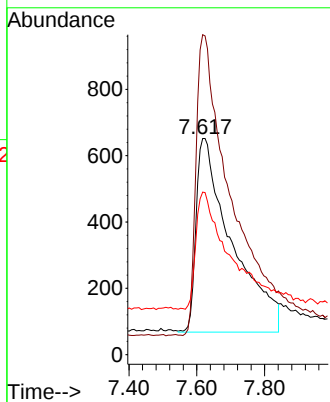
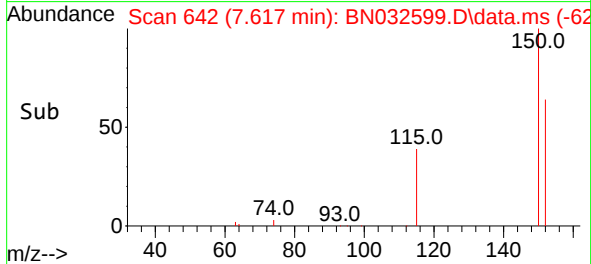
Instrument :
BNA_N
ClientSampleId :
PB161970BL



Tgt Ion:152 Resp: 4274
Ion Ratio Lower Upper
152 100
150 148.0 121.6 182.4
115 75.2 53.1 79.7

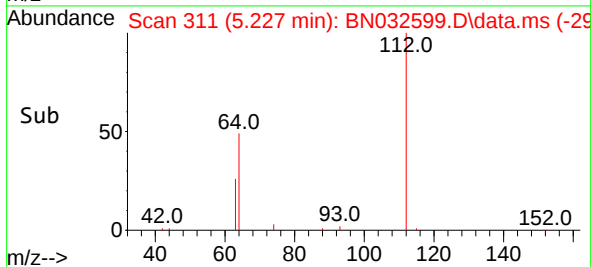
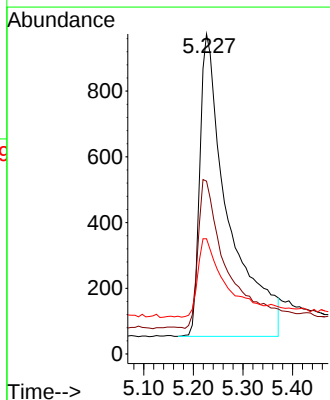
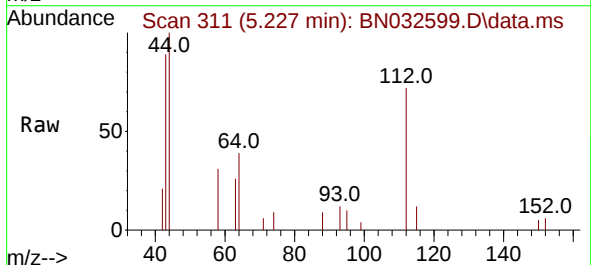
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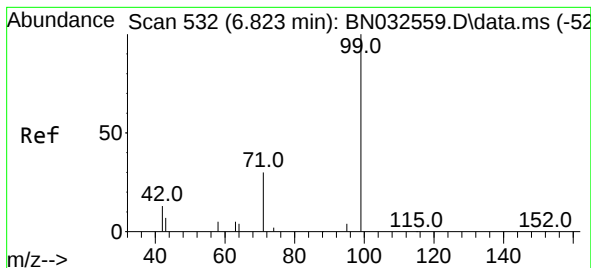
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#4
2-Fluorophenol
Concen: 0.338 ng
RT: 5.227 min Scan# 311
Delta R.T. 0.014 min
Lab File: BN032599.D
Acq: 09 Jul 2024 22:36

Tgt Ion:112 Resp: 3656
Ion Ratio Lower Upper
112 100
64 51.0 41.2 61.8
63 25.4 21.6 32.4





#5

Phenol-d6

Concen: 0.343 ng m

RT: 6.953 min Scan# 511

Delta R.T. 0.130 min

Lab File: BN032599.D

Acq: 09 Jul 2024 22:36

Instrument :

BNA_N

ClientSampleId :

PB161970BL

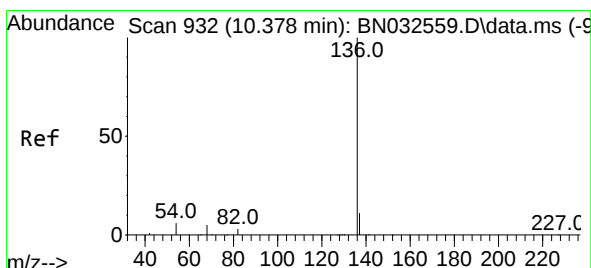
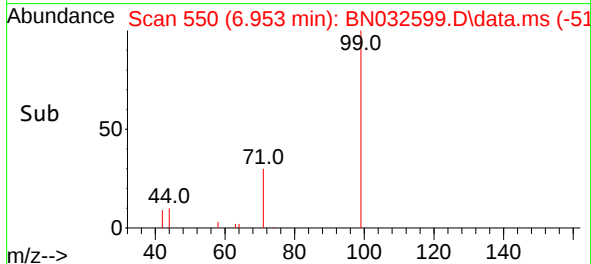
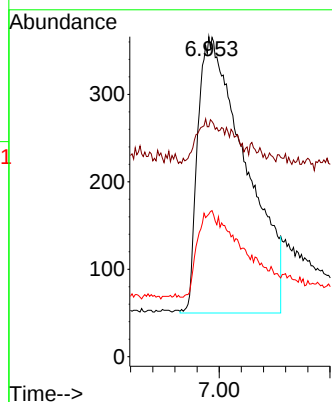
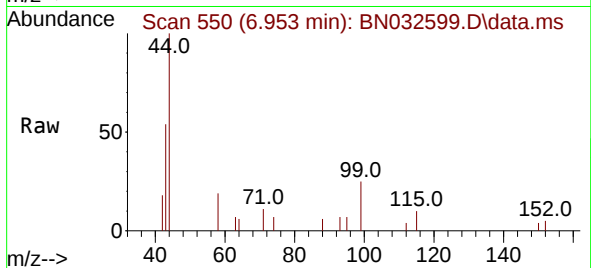
Tgt Ion:	99	Resp:	474
Ion	Ratio	Lower	Upper
99	100		
42	0.0	10.6	16.0
71	11.9	25.2	37.8

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Supervised By :mohammad ahmed 07/11/2024



#7

Naphthalene-d8

Concen: 0.400 ng m

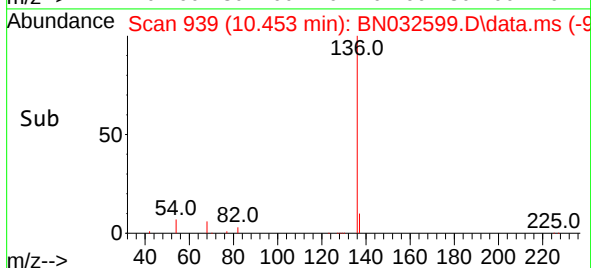
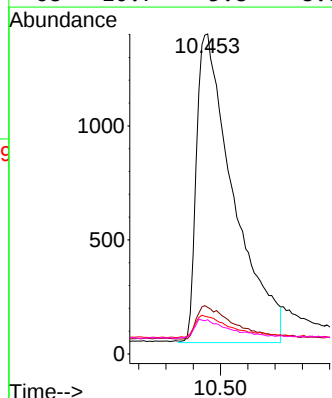
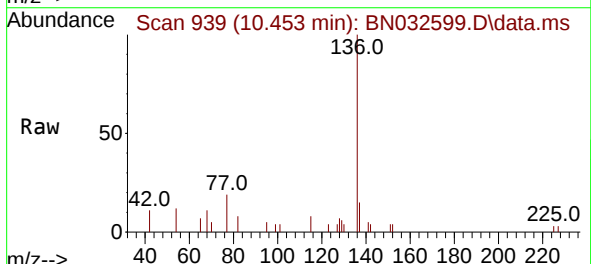
RT: 10.453 min Scan# 939

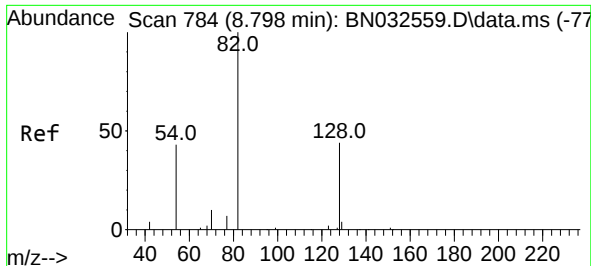
Delta R.T. 0.075 min

Lab File: BN032599.D

Acq: 09 Jul 2024 22:36

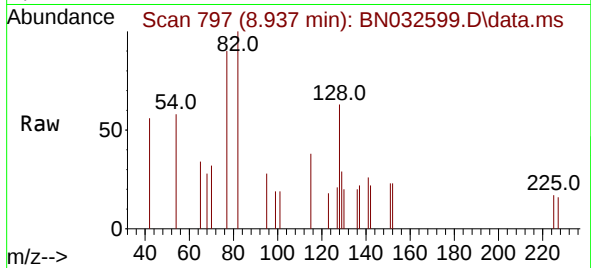
Tgt Ion:	136	Resp:	12713
Ion	Ratio	Lower	Upper
136	100		
137	14.5	10.0	15.0
54	11.5	6.6	9.8
68	10.7	5.8	8.8





#8
Nitrobenzene-d5
Concen: 0.364 ng m
RT: 8.937 min Scan# 71
Delta R.T. 0.139 min
Lab File: BN032599.D
Acq: 09 Jul 2024 22:36

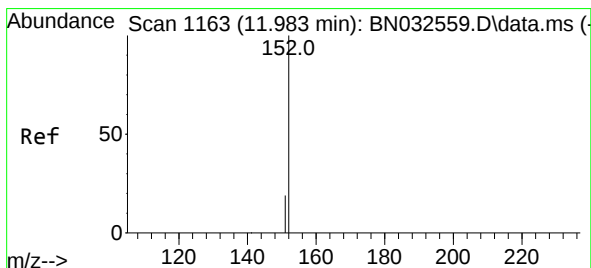
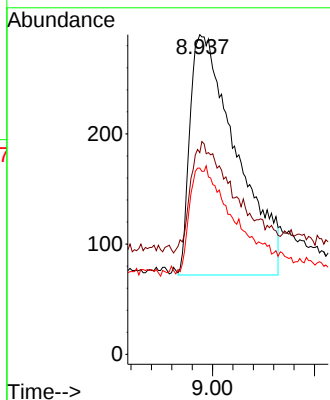
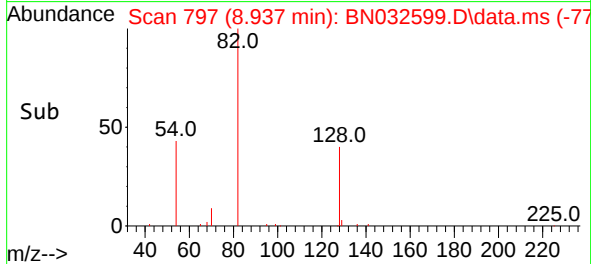
Instrument :
BNA_N
ClientSampleId :
PB161970BL



Tgt Ion: 82 Resp: 345
Ion Ratio Lower Upper
82 100
128 63.1 43.4 65.2
54 58.3 40.2 60.2

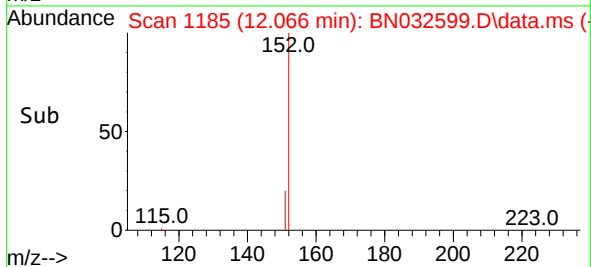
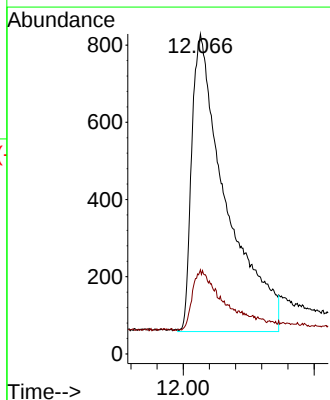
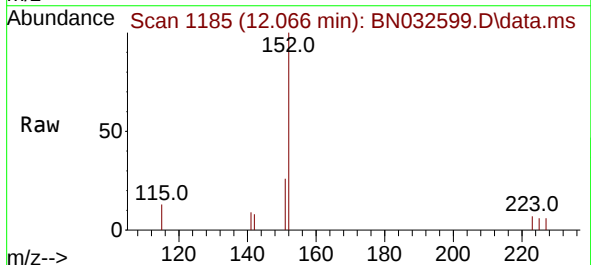
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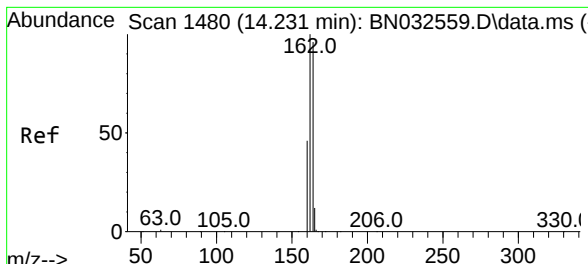
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#11
2-Methylnaphthalene-d10
Concen: 0.350 ng m
RT: 12.066 min Scan# 1185
Delta R.T. 0.083 min
Lab File: BN032599.D
Acq: 09 Jul 2024 22:36

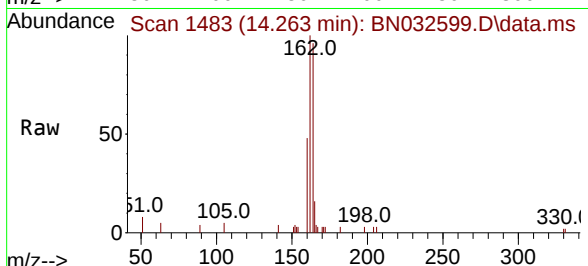
Tgt Ion:152 Resp: 7024
Ion Ratio Lower Upper
152 100
151 13.8 16.4 24.6#





#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.263 min Scan# 1483
 Delta R.T. 0.032 min
 Lab File: BN032599.D
 Acq: 09 Jul 2024 22:36

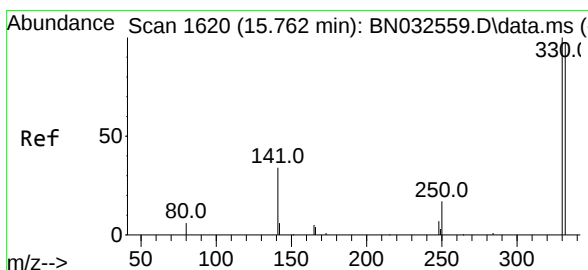
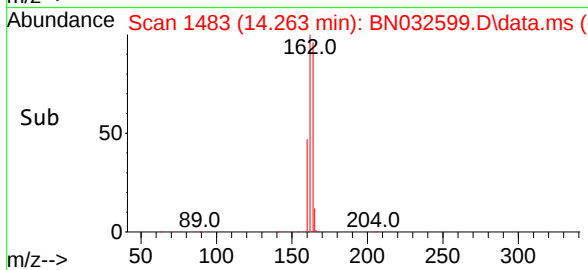
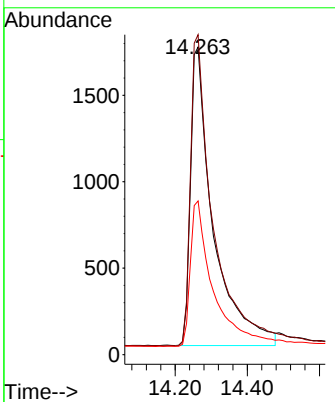
Instrument : BNA_N
 ClientSampleId : PB161970BL



Tgt Ion:164 Resp: 7549

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.2	124.8
160	49.9	38.6	57.8

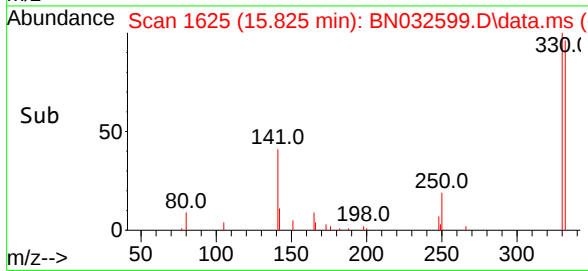
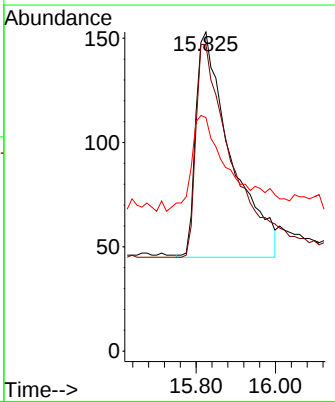
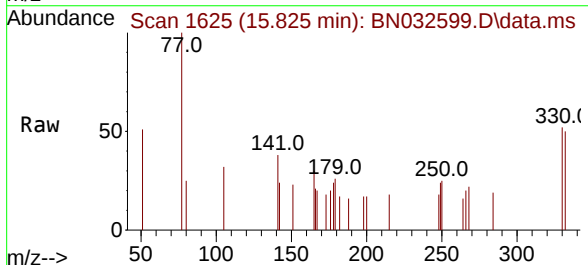
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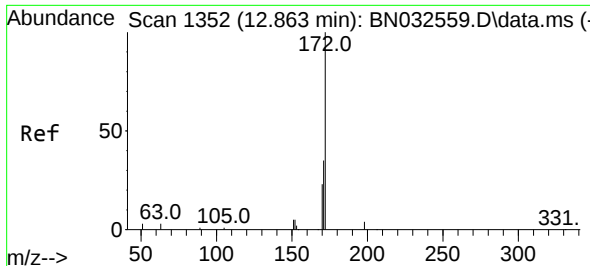


#14
 2,4,6-Tribromophenol
 Concen: 0.194 ng m
 RT: 15.825 min Scan# 1625
 Delta R.T. 0.062 min
 Lab File: BN032599.D
 Acq: 09 Jul 2024 22:36

Tgt Ion:330 Resp: 663

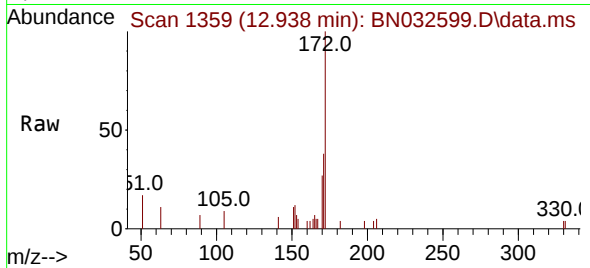
Ion	Ratio	Lower	Upper
330	100		
332	73.8	77.7	116.5#
141	35.9	31.8	47.8





#15
2-Fluorobiphenyl
Concen: 0.362 ng m
RT: 12.938 min Scan# 11
Delta R.T. 0.075 min
Lab File: BN032599.D
Acq: 09 Jul 2024 22:36

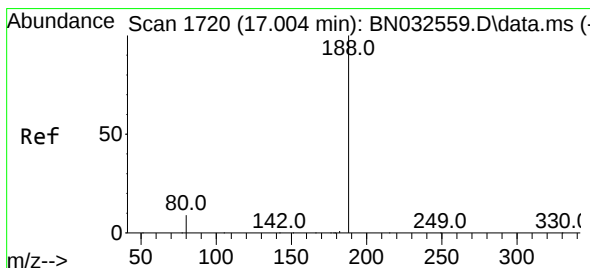
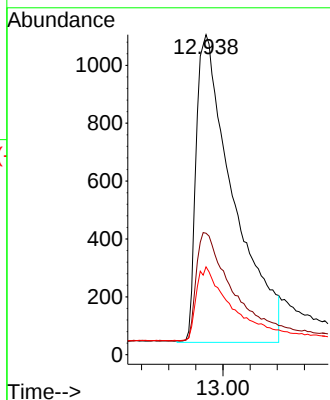
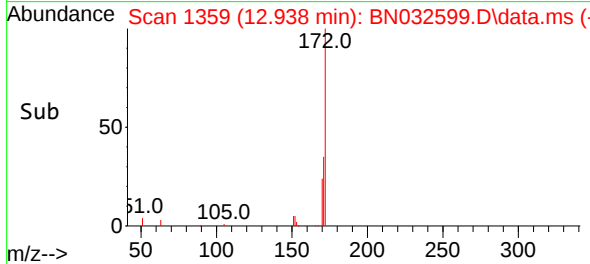
Instrument :
BNA_N
ClientSampleId :
PB161970BL



Tgt Ion:172 Resp: 1008
Ion Ratio Lower Upper
172 100
171 38.0 28.5 42.7
170 27.5 19.2 28.8

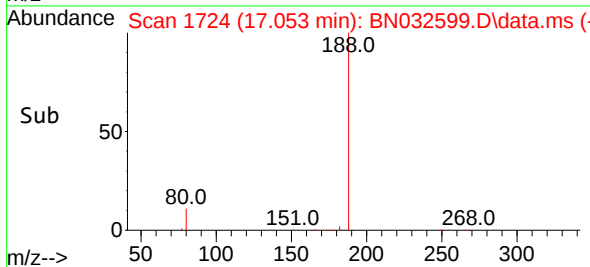
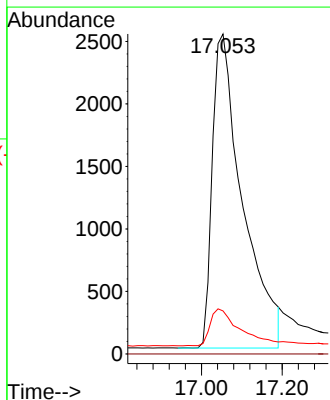
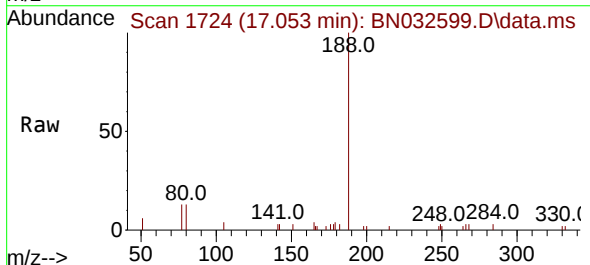
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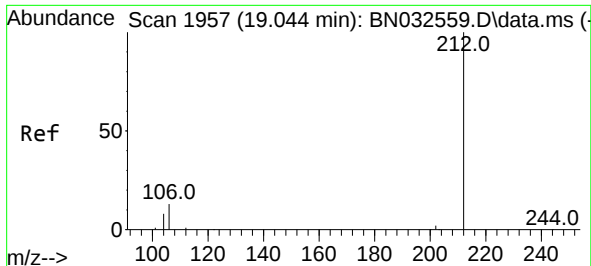
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.053 min Scan# 1724
Delta R.T. 0.050 min
Lab File: BN032599.D
Acq: 09 Jul 2024 22:36

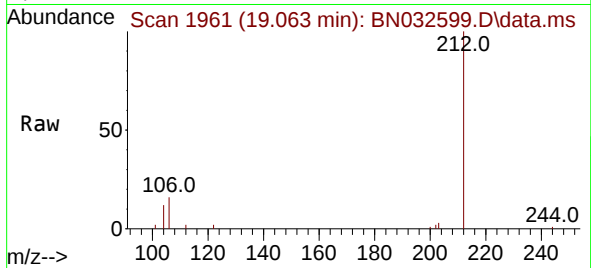
Tgt Ion:188 Resp: 13070
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 7.8 11.6#





#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.063 min Scan# 1905
Delta R.T. 0.019 min
Lab File: BN032599.D
Acq: 09 Jul 2024 22:36

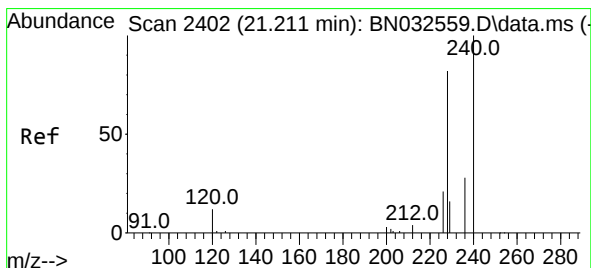
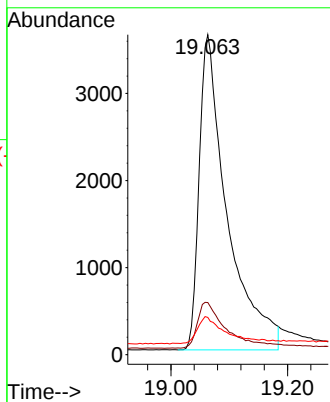
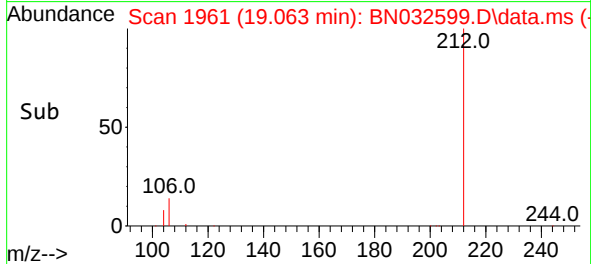
Instrument :
BNA_N
ClientSampleId :
PB161970BL



Tgt Ion:212 Resp: 12036
Ion Ratio Lower Upper
212 100
106 15.1 11.8 17.8
104 8.3 6.9 10.3

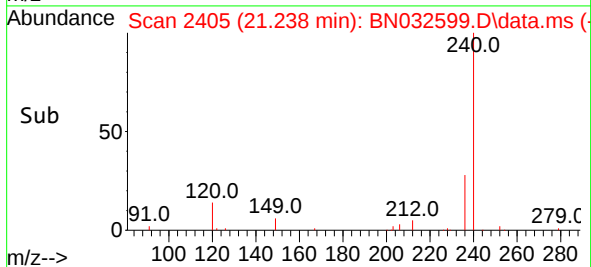
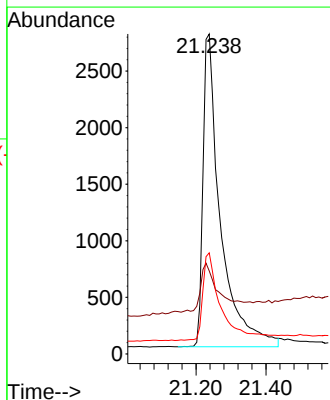
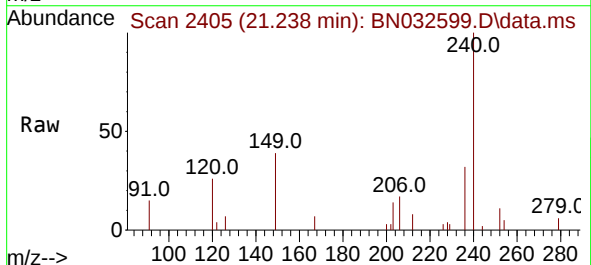
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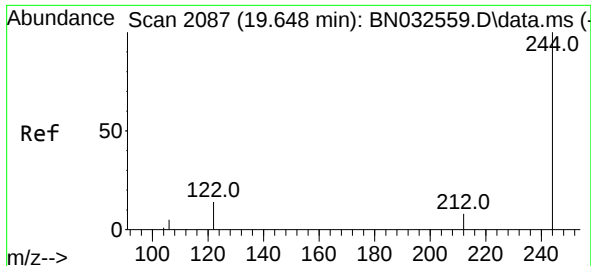
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2405
Delta R.T. 0.027 min
Lab File: BN032599.D
Acq: 09 Jul 2024 22:36

Tgt Ion:240 Resp: 9559
Ion Ratio Lower Upper
240 100
120 26.0 13.0 19.4#
236 31.6 23.1 34.7





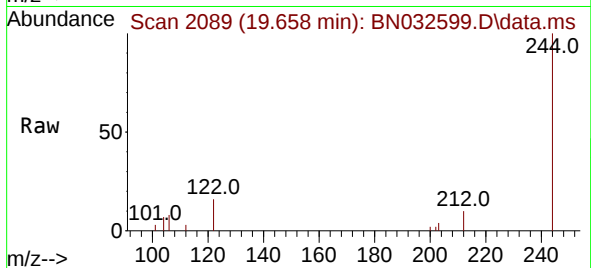
#31
 Terphenyl-d14
 Concen: 0.373 ng
 RT: 19.658 min Scan# 2089
 Delta R.T. 0.009 min
 Lab File: BN032599.D
 Acq: 09 Jul 2024 22:36

Instrument :

BNA_N

ClientSampleId :

PB161970BL



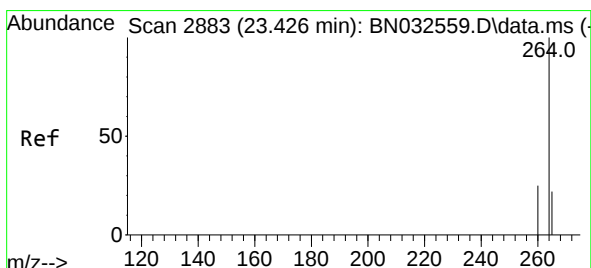
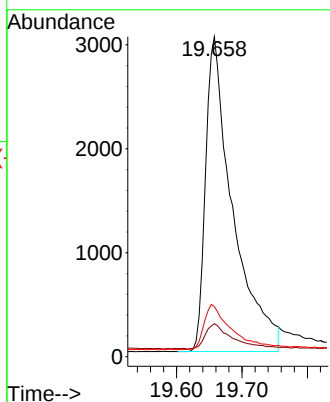
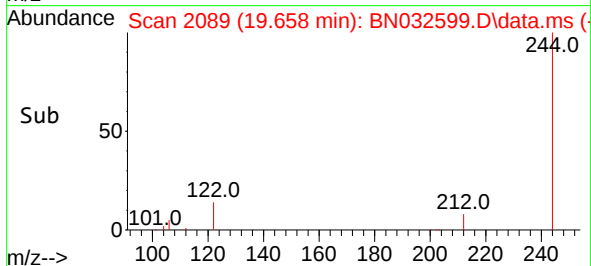
Tgt Ion:244 Resp: 8714
 Ion Ratio Lower Upper
 244 100
 212 10.3 7.2 10.8
 122 15.7 12.1 18.1

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: 23.443 min Scan# 2889
 Delta R.T. 0.018 min
 Lab File: BN032599.D
 Acq: 09 Jul 2024 22:36

Tgt Ion:264 Resp: 10061
 Ion Ratio Lower Upper
 264 100
 260 27.6 21.0 31.6
 265 191.5 76.6 115.0#

