

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032565.D
 Acq On : 09 Jul 2024 00:39
 Operator : MA/JU
 Sample : PB161896BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB161896BL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 09 03:13:34 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	7.610	152	3500m	0.400	ng	0.02
7) Naphthalene-d8	10.442	136	11577m	0.400	ng	0.06
13) Acenaphthene-d10	14.263	164	6937	0.400	ng	0.03
19) Phenanthrene-d10	17.053	188	14116	0.400	ng	# 0.05
29) Chrysene-d12	21.238	240	13062	0.400	ng	# 0.03
35) Perylene-d12	23.443	264	12388	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	3789	0.428	ng	0.00
5) Phenol-d6	6.924	99	4254m	0.376	ng	0.10
8) Nitrobenzene-d5	8.926	82	3336m	0.386	ng	0.13
11) 2-Methylnaphthalene-d10	12.069	152	7083m	0.387	ng	0.09
14) 2,4,6-Tribromophenol	15.825	330	573m	0.182	ng	0.06
15) 2-Fluorobiphenyl	12.948	172	10593m	0.414	ng	0.09
27) Fluoranthene-d10	19.063	212	17059	0.464	ng	0.02
31) Terphenyl-d14	19.662	244	12234	0.384	ng	0.01

Target Compounds Qvalue

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

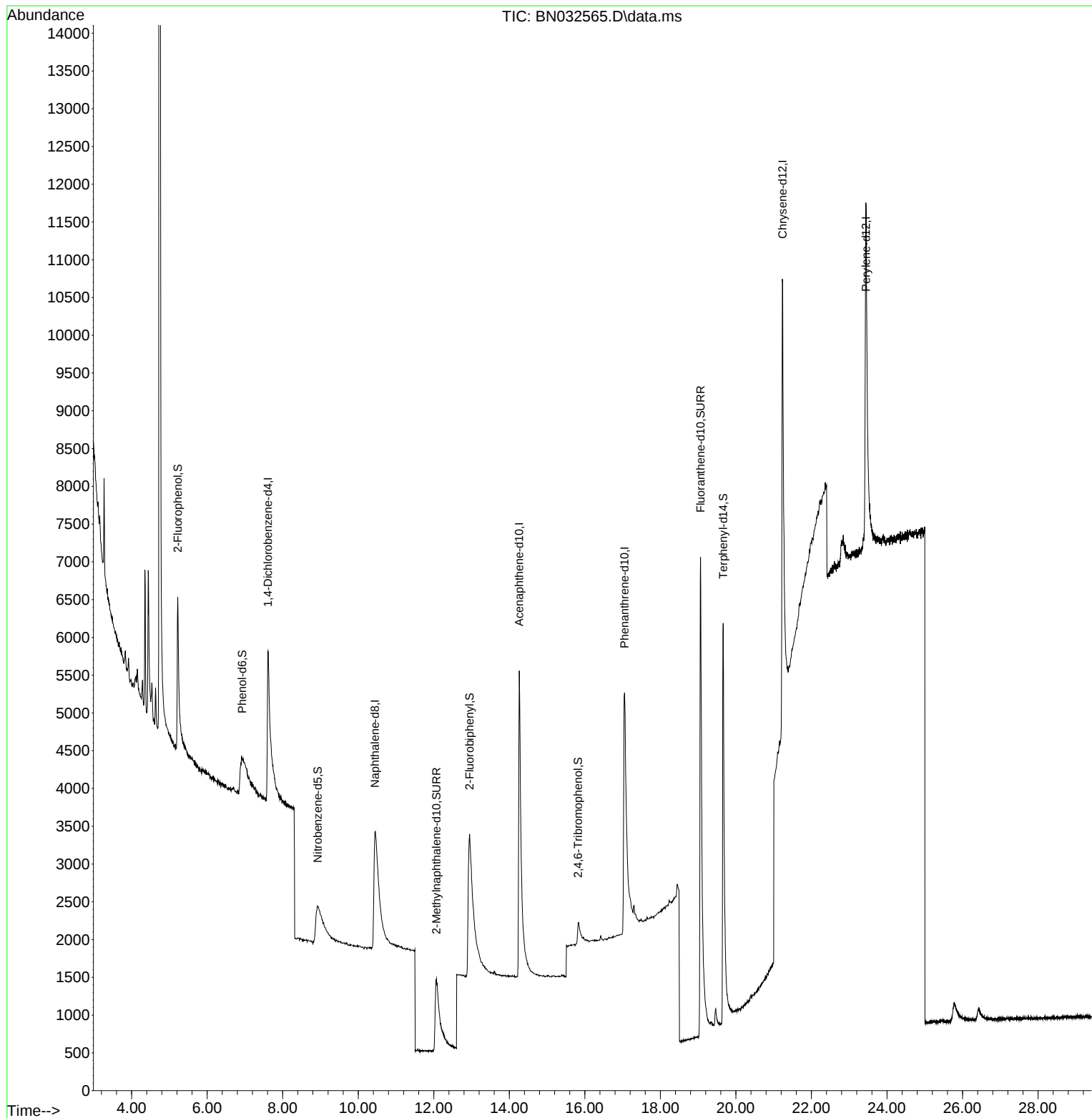
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
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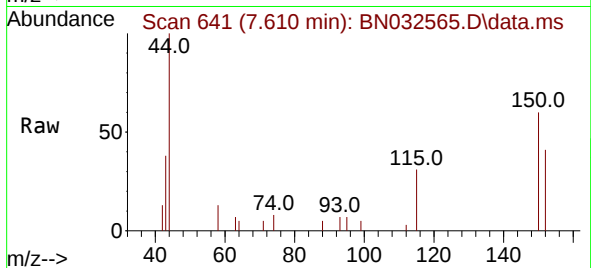
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.610 min Scan# 641
Delta R.T. 0.022 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

Instrument :

BNA_N

ClientSampleId :

PB161896BL

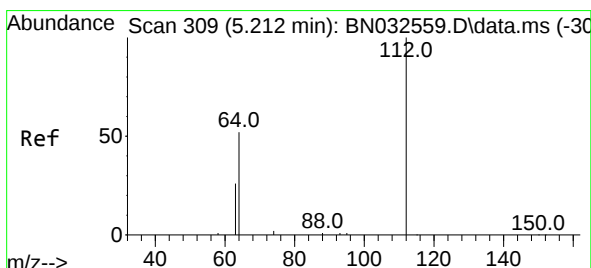
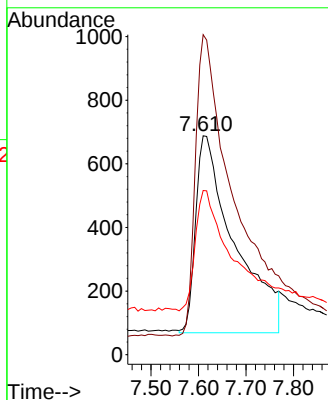
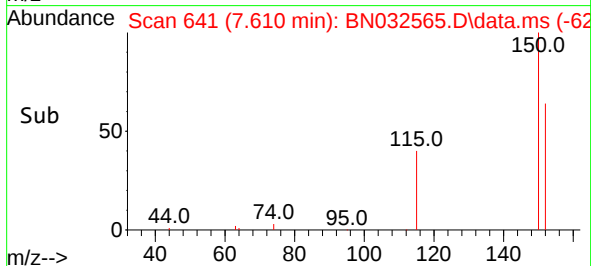


Tgt Ion:152 Resp: 3500
Ion Ratio Lower Upper
152 100
150 146.2 121.6 182.4
115 75.0 53.1 79.7

Manual Integrations

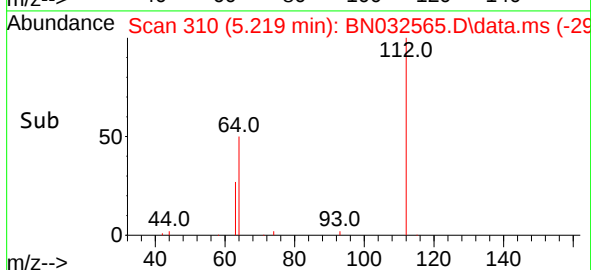
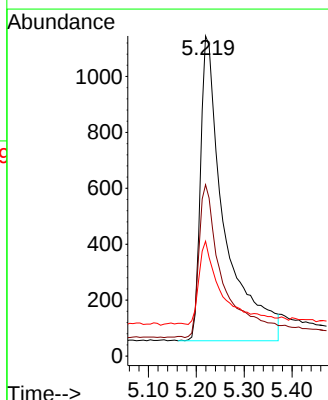
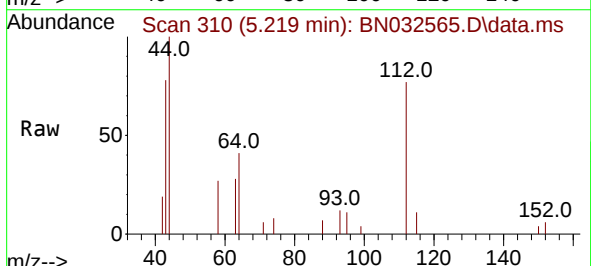
APPROVED

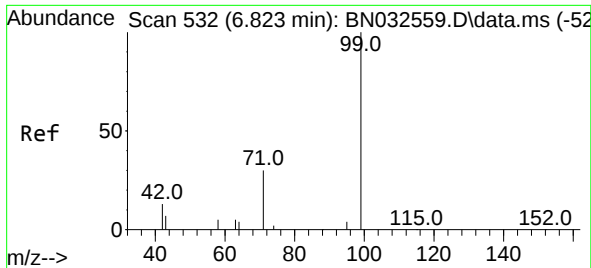
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024



#4
2-Fluorophenol
Concen: 0.428 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

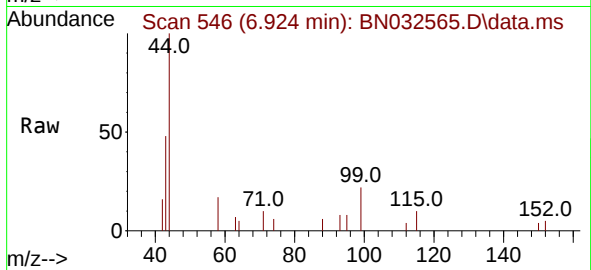
Tgt Ion:112 Resp: 3789
Ion Ratio Lower Upper
112 100
64 50.7 41.2 61.8
63 26.2 21.6 32.4





#5
Phenol-d6
Concen: 0.376 ng m
RT: 6.924 min Scan# 54
Delta R.T. 0.101 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

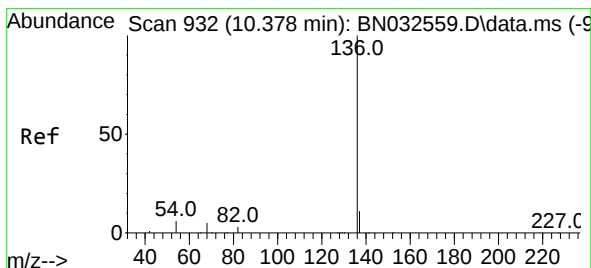
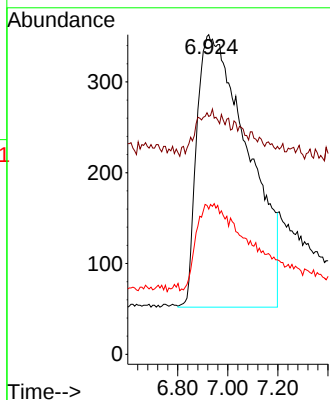
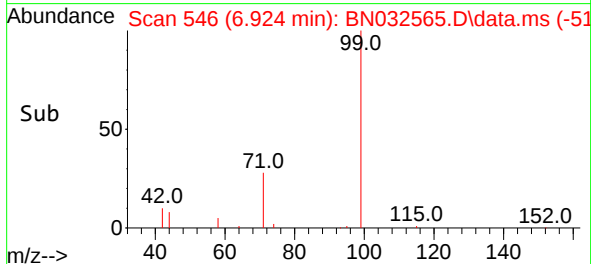
Instrument :
BNA_N
ClientSampleId :
PB161896BL



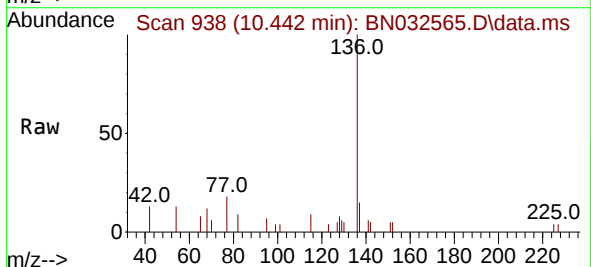
Tgt Ion: 99 Resp: 4254
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0#
71 8.0 25.2 37.8#

Manual Integrations
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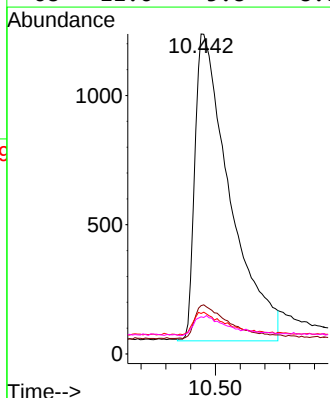
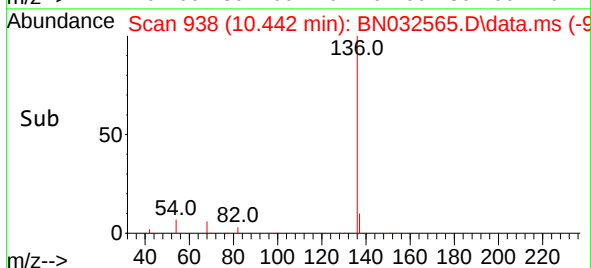
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024

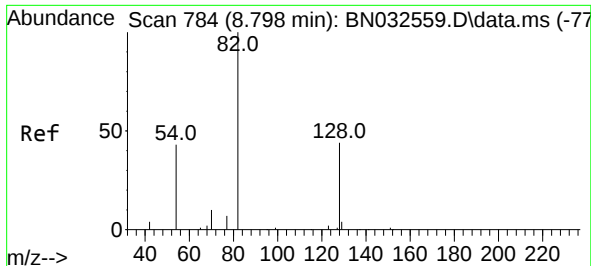


#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.442 min Scan# 938
Delta R.T. 0.064 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39



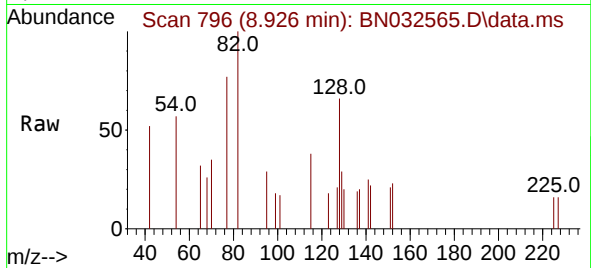
Tgt Ion:136 Resp: 11577
Ion Ratio Lower Upper
136 100
137 15.1 10.0 15.0#
54 12.7 6.6 9.8#
68 11.6 5.8 8.8#





#8
Nitrobenzene-d5
Concen: 0.386 ng m
RT: 8.926 min Scan# 71
Delta R.T. 0.128 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

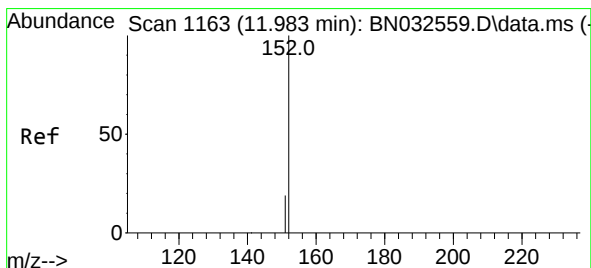
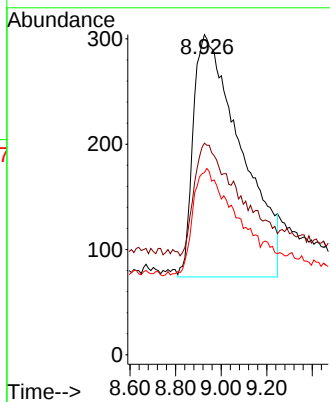
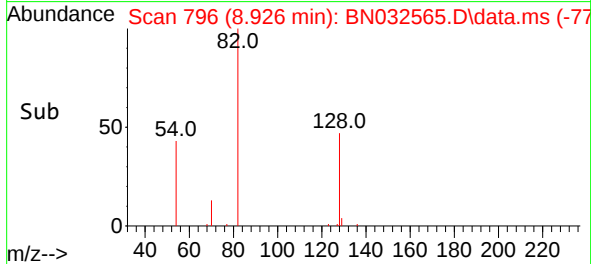
Instrument :
BNA_N
ClientSampleId :
PB161896BL



Tgt Ion: 82 Resp: 3330
Ion Ratio Lower Upper
82 100
128 66.1 43.4 65.2
54 56.9 40.2 60.2

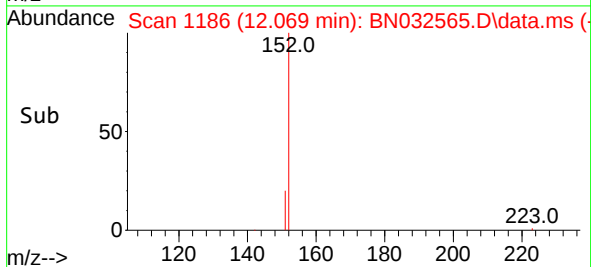
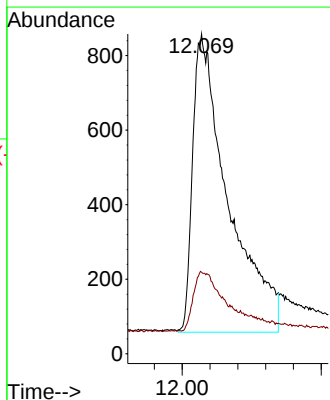
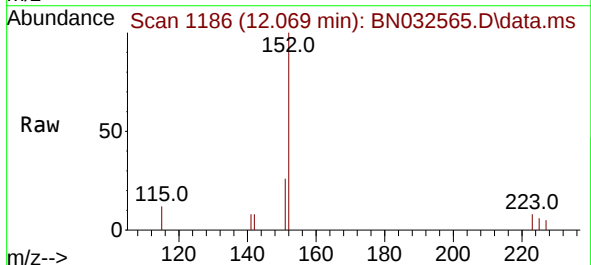
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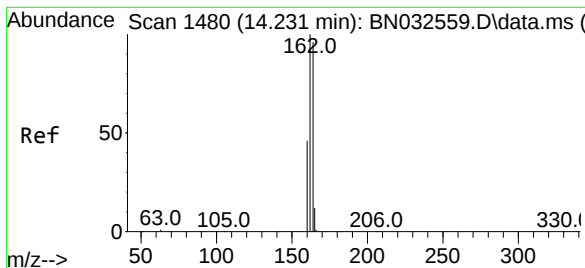
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024



#11
2-Methylnaphthalene-d10
Concen: 0.387 ng m
RT: 12.069 min Scan# 1186
Delta R.T. 0.087 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

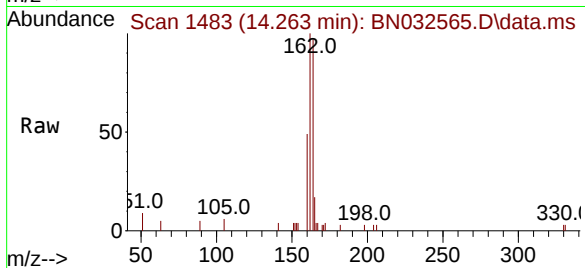
Tgt Ion:152 Resp: 7083
Ion Ratio Lower Upper
152 100
151 14.4 16.4 24.6#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.263 min Scan# 1483
Delta R.T. 0.032 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

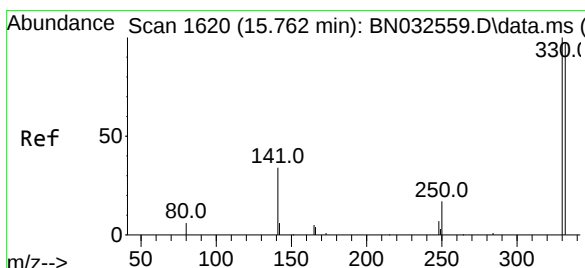
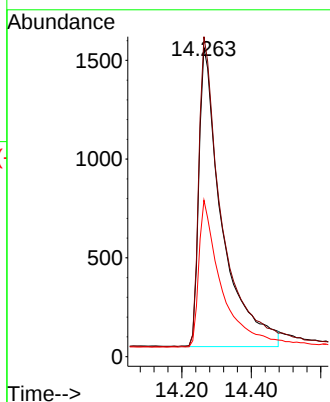
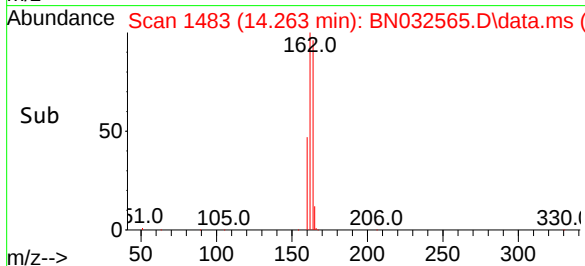
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ClientSampleId :
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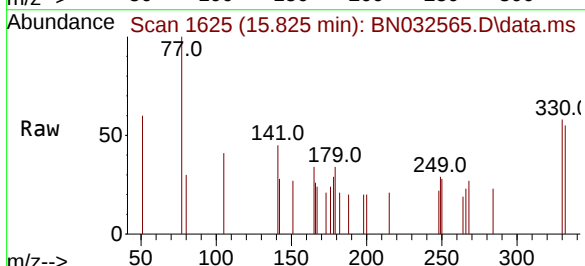
Tgt Ion:164 Resp: 693
Ion Ratio Lower Upper
164 100
162 103.5 83.2 124.8
160 50.6 38.6 57.8

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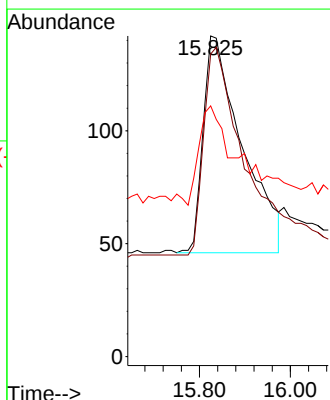
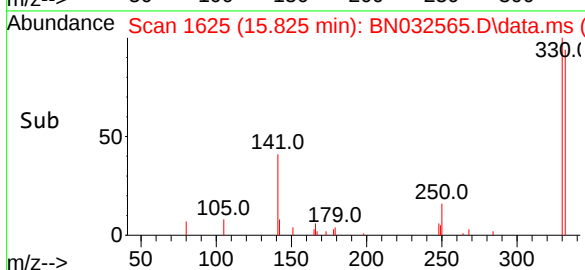
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024

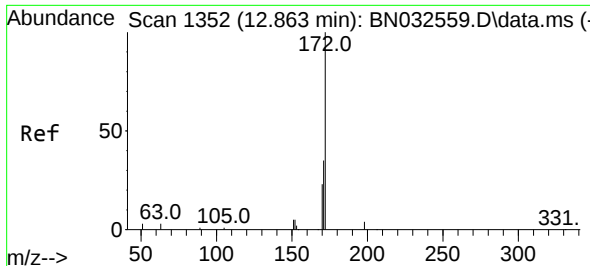


#14
2,4,6-Tribromophenol
Concen: 0.182 ng m
RT: 15.825 min Scan# 1625
Delta R.T. 0.062 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39



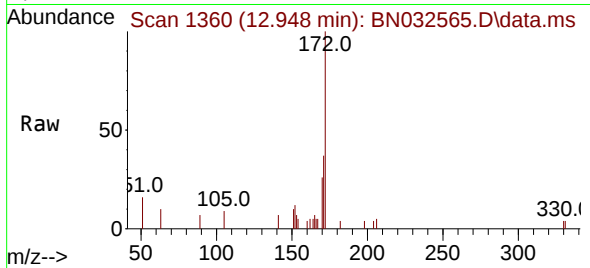
Tgt Ion:330 Resp: 573
Ion Ratio Lower Upper
330 100
332 74.5 77.7 116.5#
141 33.7 31.8 47.8





#15
2-Fluorobiphenyl
Concen: 0.414 ng m
RT: 12.948 min Scan# 11
Delta R.T. 0.086 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

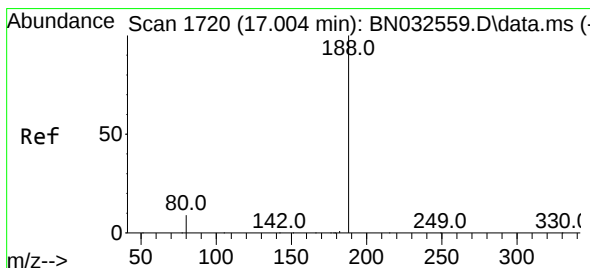
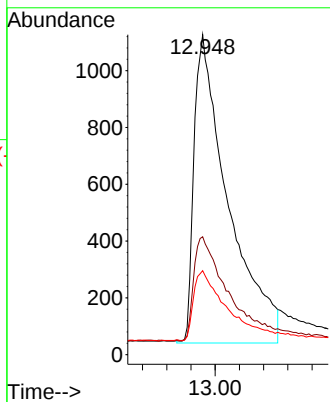
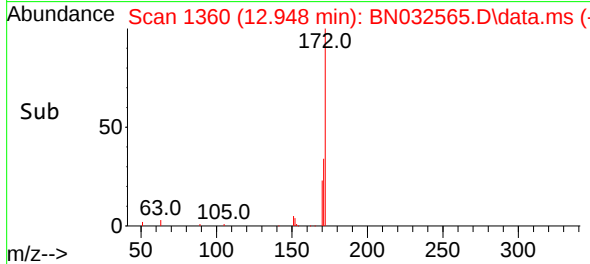
Instrument :
BNA_N
ClientSampleId :
PB161896BL



Tgt Ion:172 Resp: 1059
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 26.3 19.2 28.8

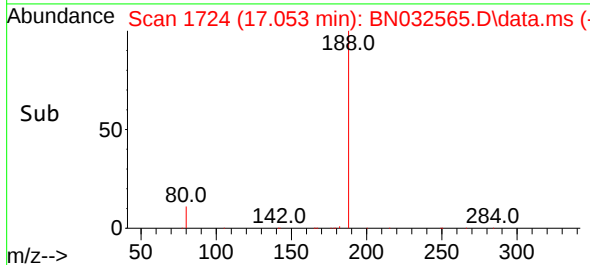
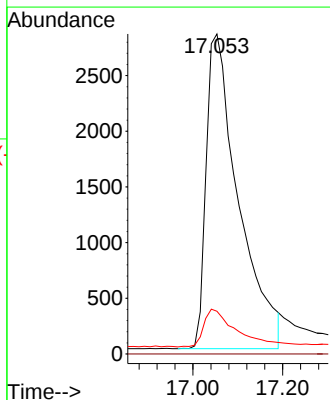
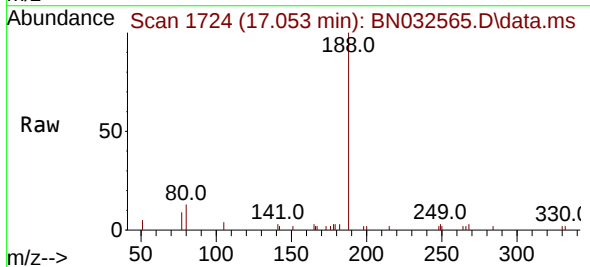
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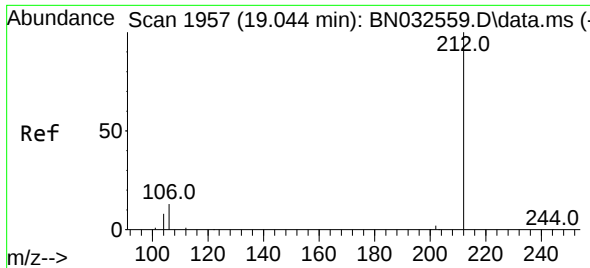
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.053 min Scan# 1724
Delta R.T. 0.050 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

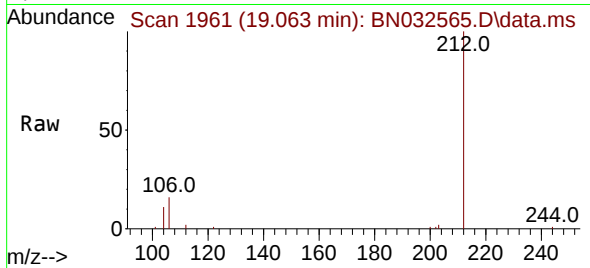
Tgt Ion:188 Resp: 14116
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 7.8 11.6





#27
Fluoranthene-d10
Concen: 0.464 ng
RT: 19.063 min Scan# 1957
Delta R.T. 0.019 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

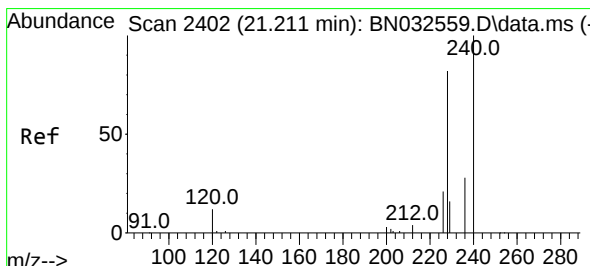
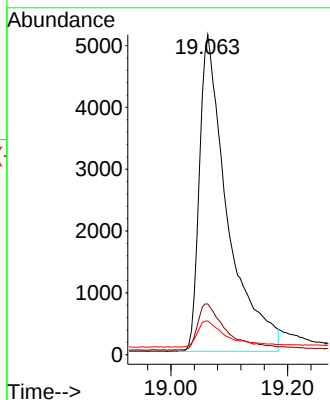
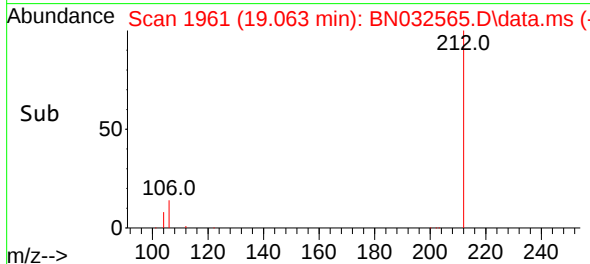
Instrument :
BNA_N
ClientSampleId :
PB161896BL



Tgt Ion:212 Resp: 17059
Ion Ratio Lower Upper
212 100
106 15.1 11.8 17.8
104 8.9 6.9 10.3

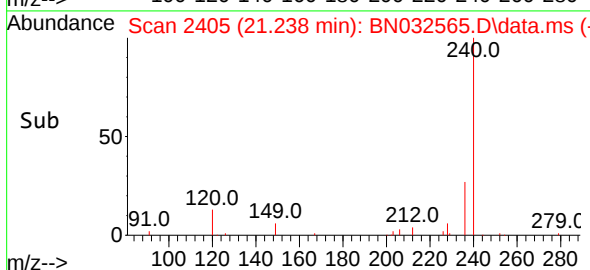
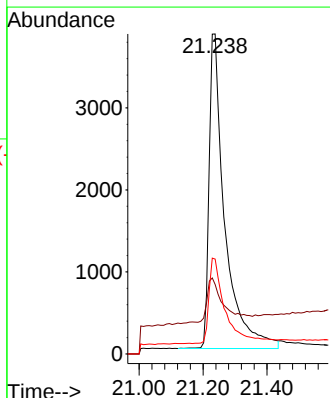
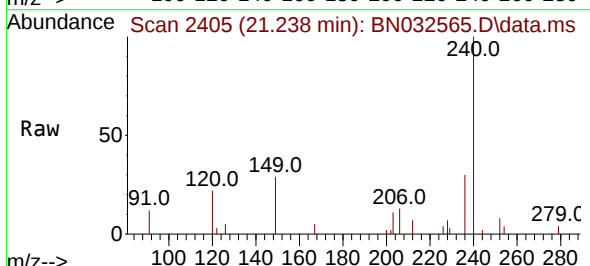
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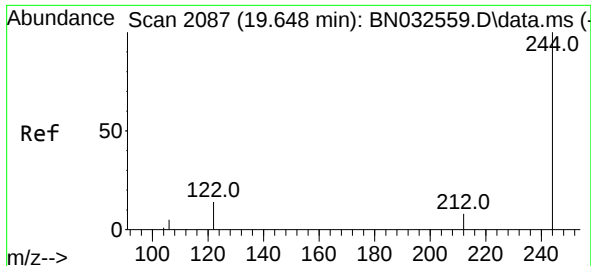
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2405
Delta R.T. 0.027 min
Lab File: BN032565.D
Acq: 09 Jul 2024 00:39

Tgt Ion:240 Resp: 13062
Ion Ratio Lower Upper
240 100
120 21.7 13.0 19.4#
236 29.7 23.1 34.7





#31
 Terphenyl-d14
 Concen: 0.384 ng
 RT: 19.662 min Scan# 2090
 Delta R.T. 0.014 min
 Lab File: BN032565.D
 Acq: 09 Jul 2024 00:39

Instrument :

BNA_N

ClientSampleId :

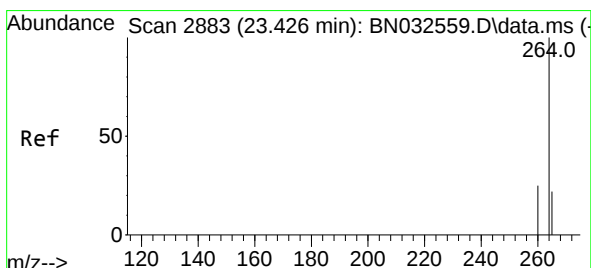
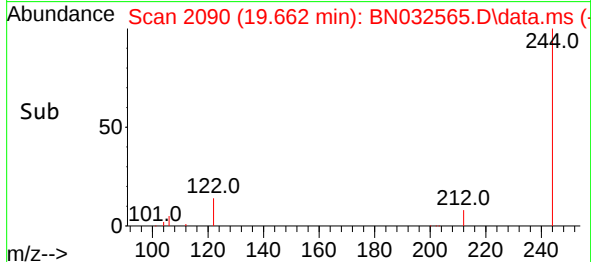
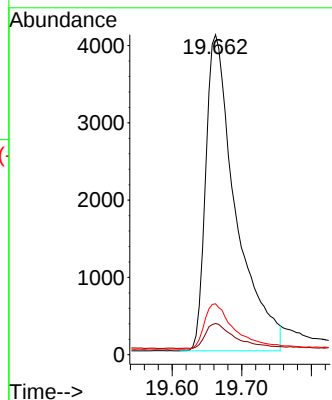
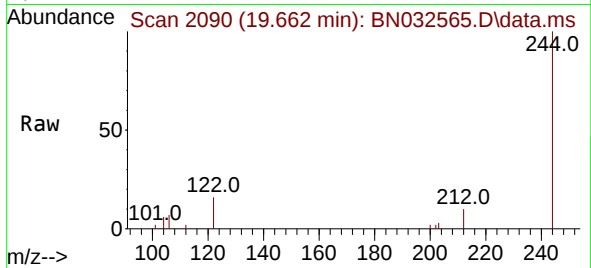
PB161896BL

Tgt Ion:244 Resp: 12234
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.2 10.8
 122 15.9 12.1 18.1

Manual Integrations

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 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: BN032565.D
 Acq: 09 Jul 2024 00:39

Tgt Ion:264 Resp: 12388
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.0 31.6
 265 159.1 76.6 115.0#

