

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
 Data File : BN028174.D
 Acq On : 10 Oct 2023 00:14
 Operator : MA/JU
 Sample : PB156183BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156183BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2023
 Supervised By :mohammad ahmed 10/10/2023

Quant Time: Oct 10 00:58:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 00:42:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3880	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	10652	0.400	ng	0.01
13) Acenaphthene-d10	14.576	164	5365	0.400	ng	0.01
19) Phenanthrene-d10	17.331	188	10259	0.400	ng	# 0.01
29) Chrysene-d12	21.515	240	8929	0.400	ng	# 0.00
35) Perylene-d12	23.978	264	9190	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	4128	0.357	ng	0.00
5) Phenol-d6	7.098	99	4072	0.279	ng	0.00
8) Nitrobenzene-d5	9.144	82	2945	0.325	ng	0.02
11) 2-Methylnaphthalene-d10	12.347	152	5901	0.374	ng	0.02
14) 2,4,6-Tribromophenol	16.090	330	605	0.246	ng	0.01
15) 2-Fluorobiphenyl	13.218	172	7473m	0.387	ng	0.03
27) Fluoranthene-d10	19.360	212	10456	0.406	ng	0.00
31) Terphenyl-d14	19.946	244	8542	0.410	ng	0.00

Target Compounds Qvalue

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

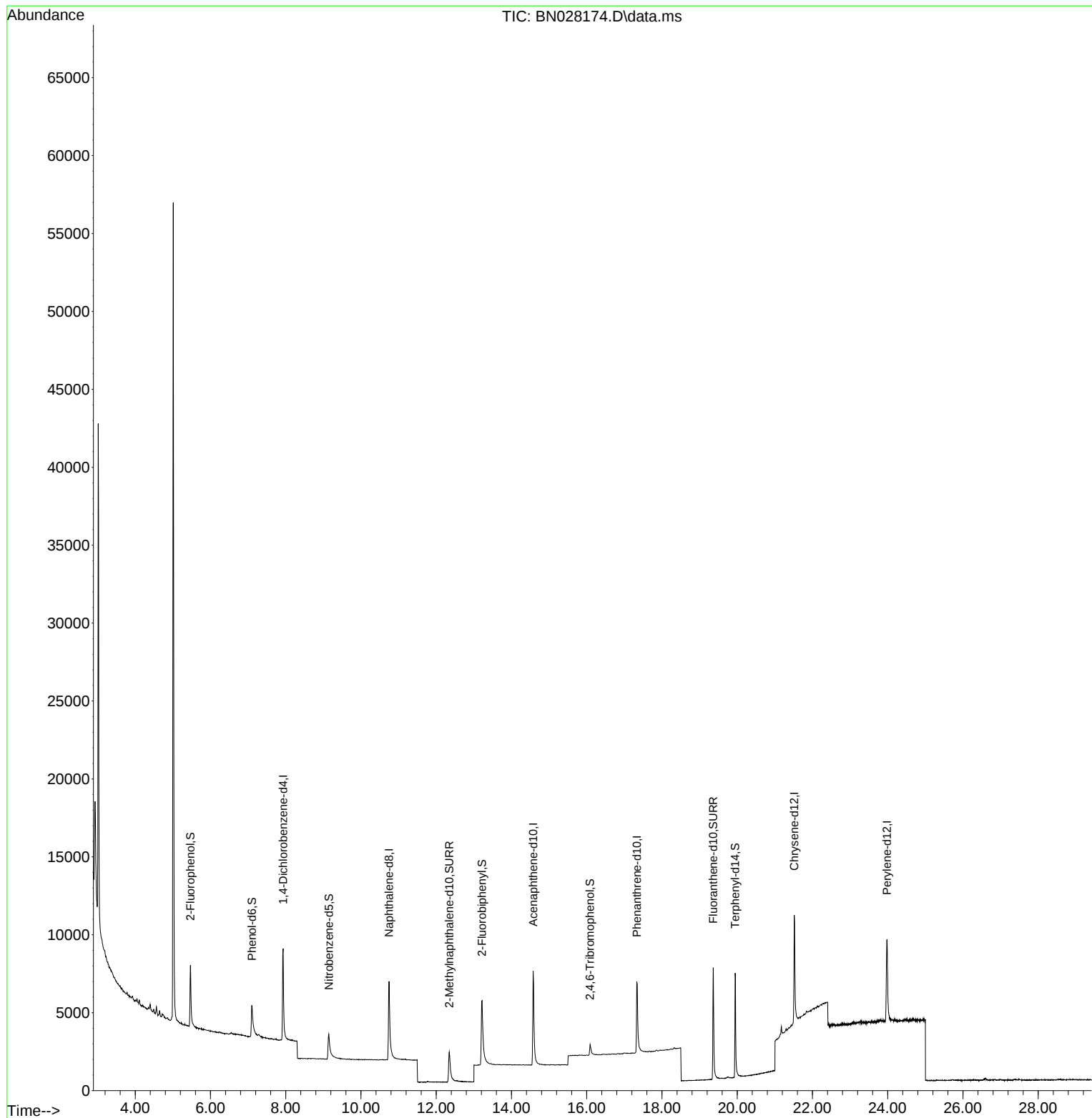
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
Data File : BN028174.D
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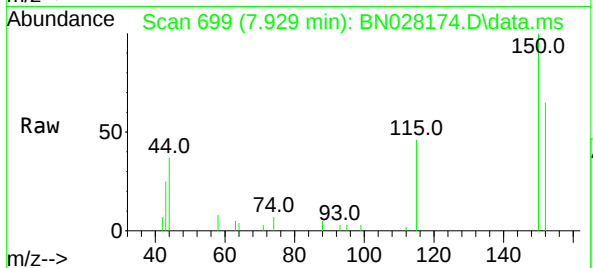
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.929 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN028174.D
Acq: 10 Oct 2023 00:14

Instrument :

BNA_N

ClientSampleId :

PB156183BL

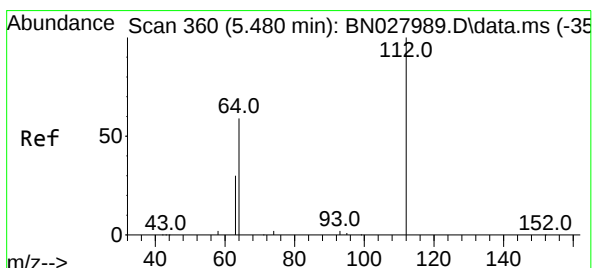
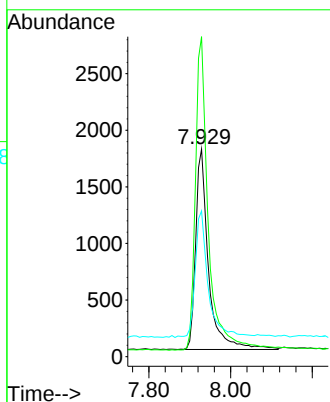
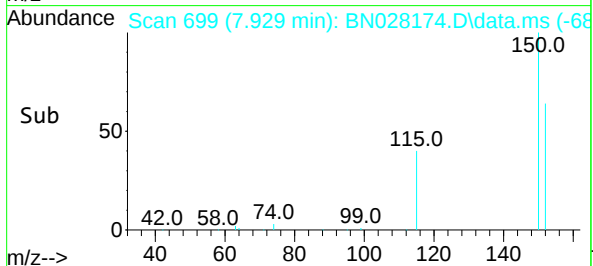


Tgt Ion:152 Resp: 3880
Ion Ratio Lower Upper
152 100
150 154.1 125.6 188.4
115 70.2 54.8 82.2

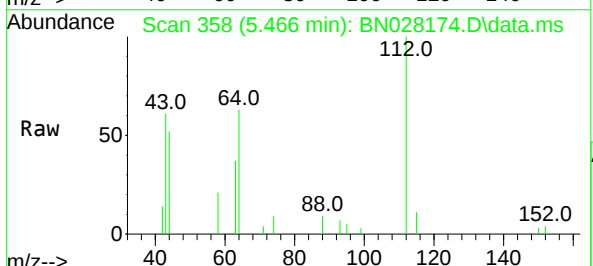
Manual Integrations

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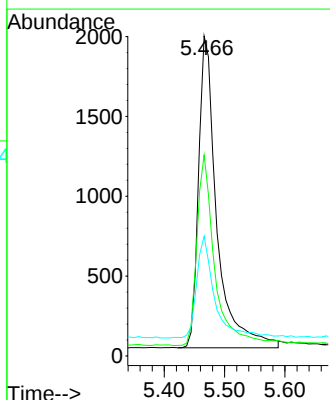
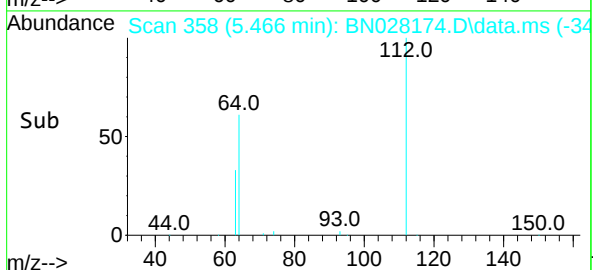
Reviewed By :Yogesh Patel 10/10/2023
Supervised By :mohammad ahmed 10/10/2023

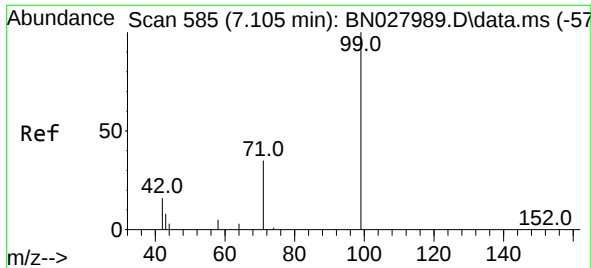


#4
2-Fluorophenol
Concen: 0.357 ng
RT: 5.466 min Scan# 358
Delta R.T. -0.000 min
Lab File: BN028174.D
Acq: 10 Oct 2023 00:14



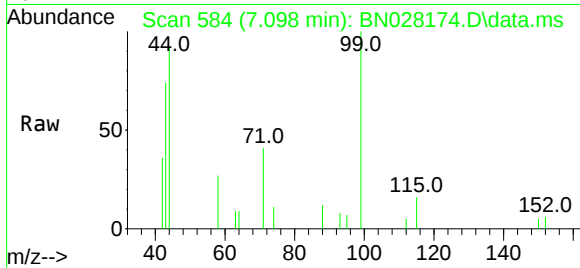
Tgt Ion:112 Resp: 4128
Ion Ratio Lower Upper
112 100
64 59.6 45.0 67.6
63 32.1 23.4 35.0





#5
Phenol-d6
Concen: 0.279 ng
RT: 7.098 min Scan# 584
Delta R.T. 0.007 min
Lab File: BN028174.D
Acq: 10 Oct 2023 00:14

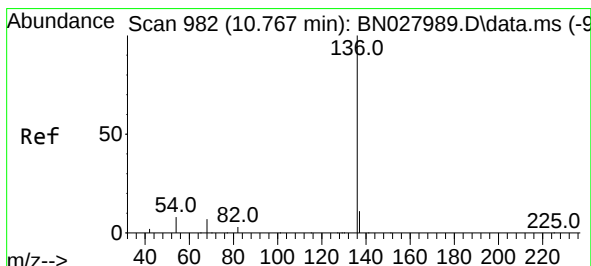
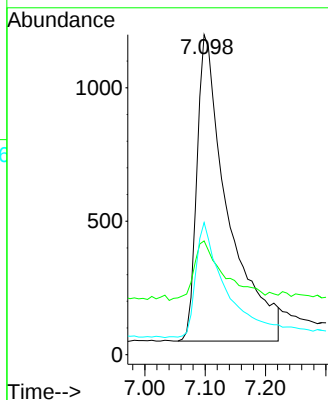
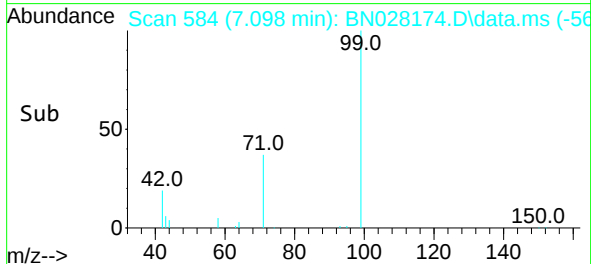
Instrument :
BNA_N
ClientSampleId :
PB156183BL



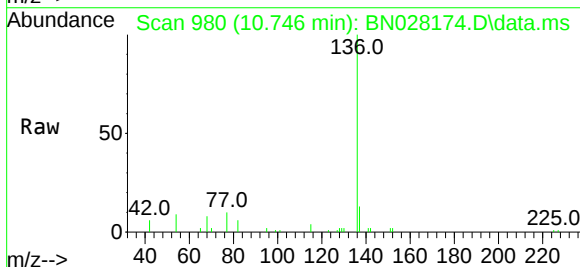
Tgt Ion: 99 Resp: 4072
Ion Ratio Lower Upper
99 100
42 19.4 14.6 22.0
71 36.3 28.3 42.5

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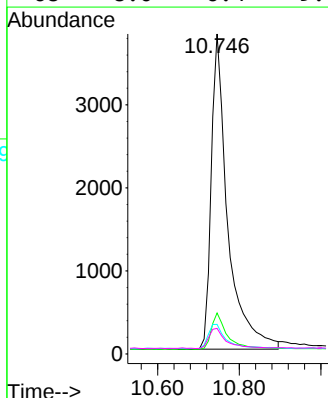
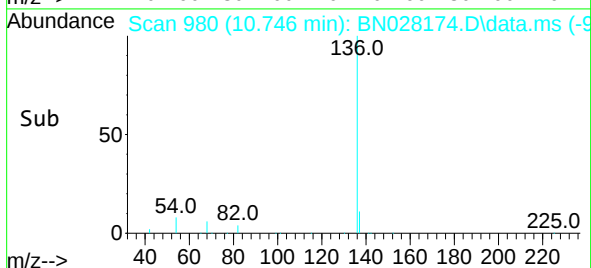
Reviewed By :Yogesh Patel 10/10/2023
Supervised By :mohammad ahmed 10/10/2023

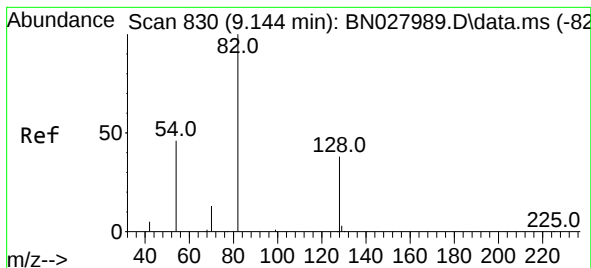


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.746 min Scan# 980
Delta R.T. 0.010 min
Lab File: BN028174.D
Acq: 10 Oct 2023 00:14



Tgt Ion:136 Resp: 10652
Ion Ratio Lower Upper
136 100
137 12.8 9.4 14.0
54 9.2 7.0 10.6
68 8.0 6.4 9.6





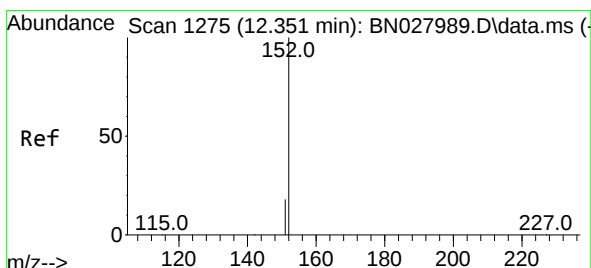
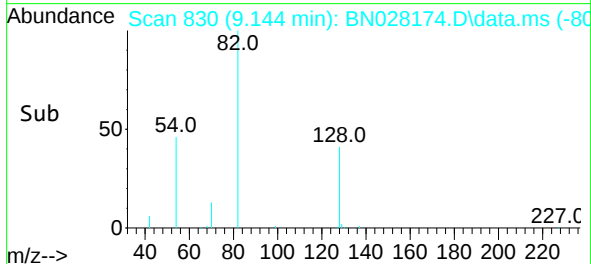
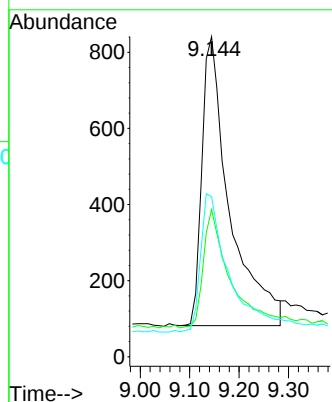
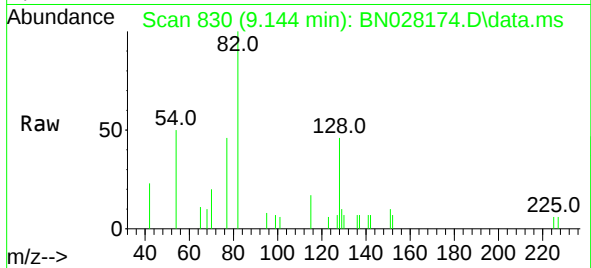
#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 9.144 min Scan# 81
Delta R.T. 0.021 min
Lab File: BN028174.D
Acq: 10 Oct 2023 00:14

Instrument :
BNA_N
ClientSampleId :
PB156183BL

Tgt Ion: 82 Resp: 294
Ion Ratio Lower Upper
82 100
128 46.0 32.7 49.1
54 50.1 38.7 58.1

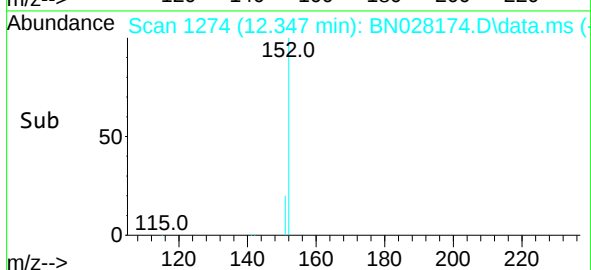
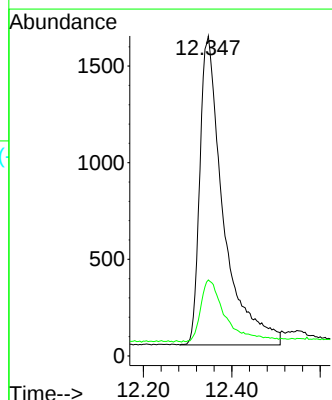
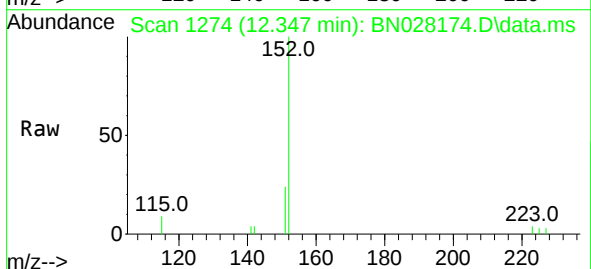
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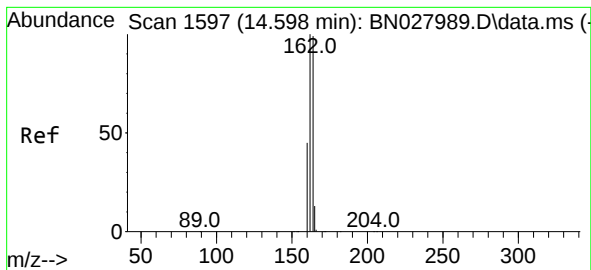
Reviewed By :Yogesh Patel 10/10/2023
Supervised By :mohammad ahmed 10/10/2023



#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.347 min Scan# 1274
Delta R.T. 0.022 min
Lab File: BN028174.D
Acq: 10 Oct 2023 00:14

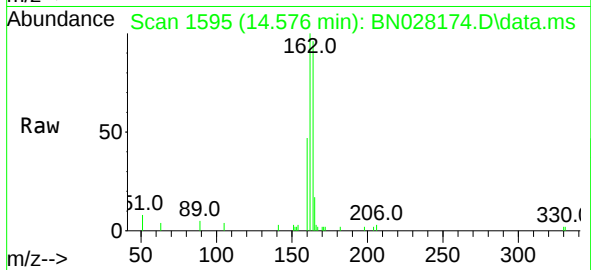
Tgt Ion:152 Resp: 5901
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.576 min Scan# 1595
Delta R.T. 0.010 min
Lab File: BN028174.D
Acq: 10 Oct 2023 00:14

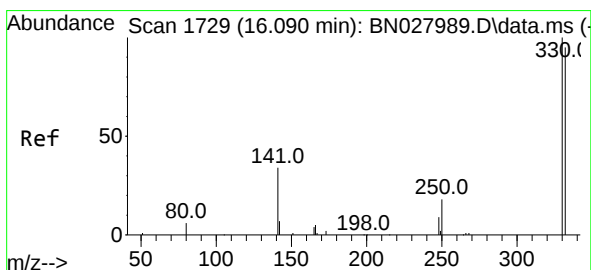
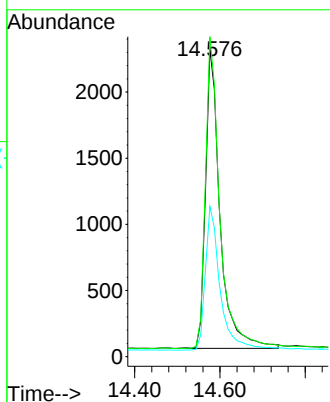
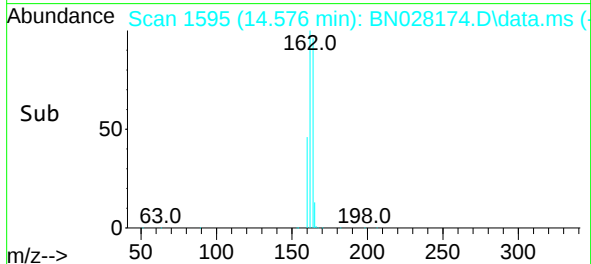
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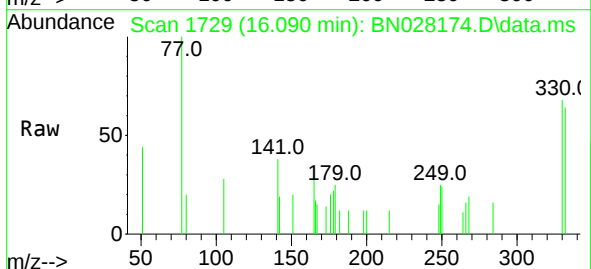
Tgt Ion:164 Resp: 536
Ion Ratio Lower Upper
164 100
162 104.1 80.8 121.2
160 48.8 36.4 54.6

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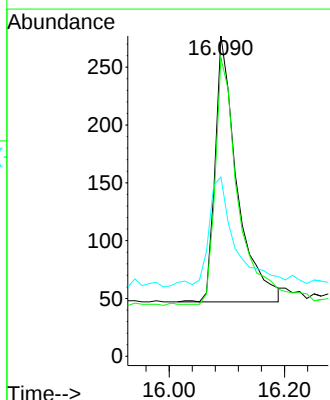
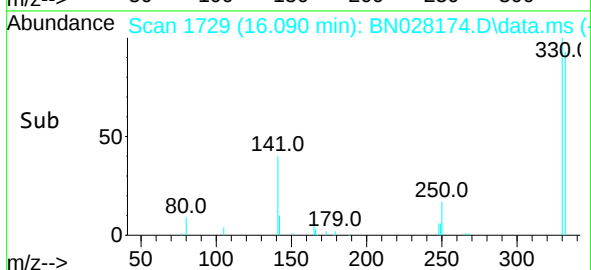
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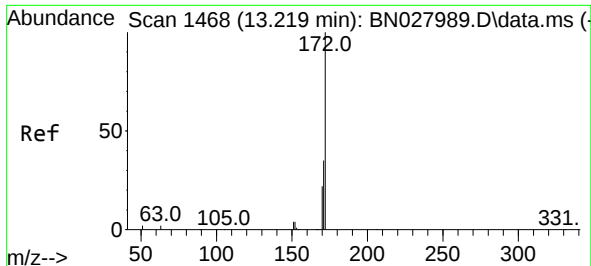


#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 16.090 min Scan# 1729
Delta R.T. 0.012 min
Lab File: BN028174.D
Acq: 10 Oct 2023 00:14



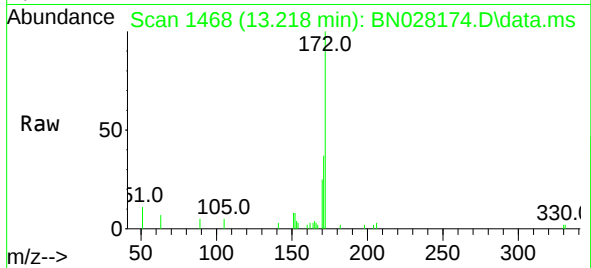
Tgt Ion:330 Resp: 605
Ion Ratio Lower Upper
330 100
332 97.0 78.1 117.1
141 43.1 33.4 50.2





#15
2-Fluorobiphenyl
Concen: 0.387 ng m
RT: 13.218 min Scan# 1468
Delta R.T. 0.032 min
Lab File: BN028174.D
Acq: 10 Oct 2023 00:14

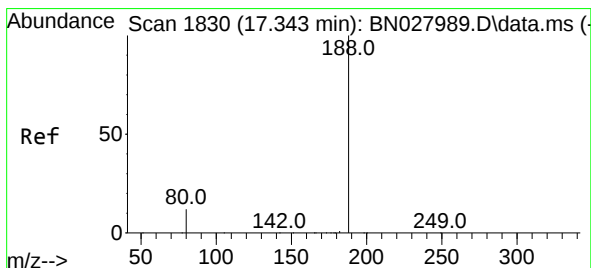
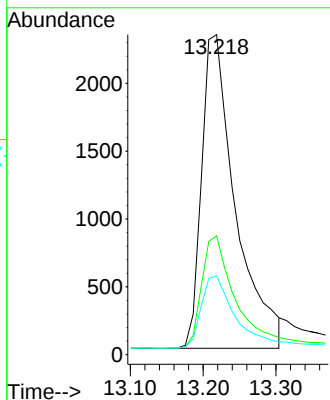
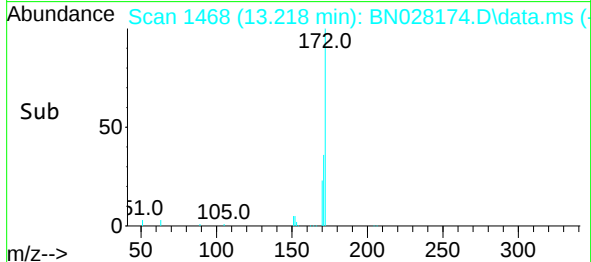
Instrument :
BNA_N
ClientSampleId :
PB156183BL



Tgt Ion:172 Resp: 747
Ion Ratio Lower Upper
172 100
171 37.1 28.1 42.1
170 24.6 18.4 27.6

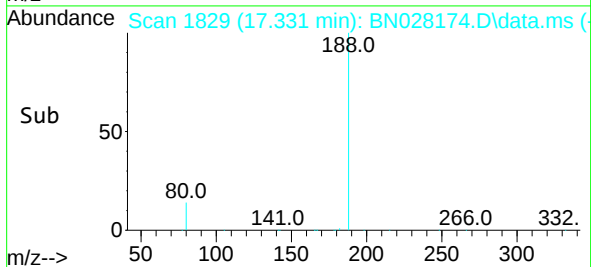
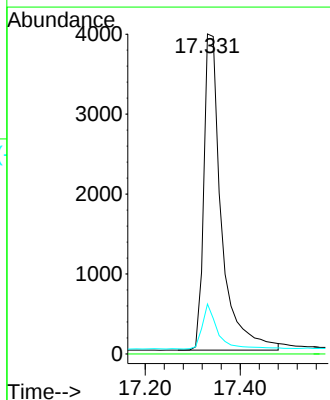
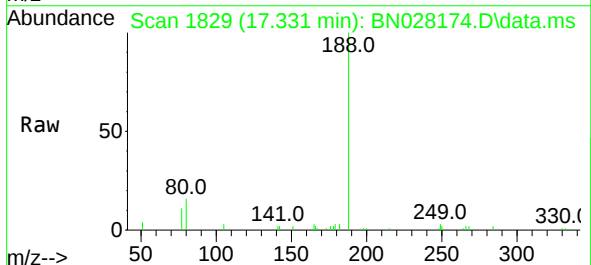
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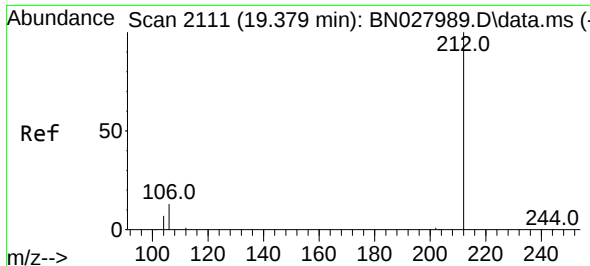
Reviewed By :Yogesh Patel 10/10/2023
Supervised By :mohammad ahmed 10/10/2023



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.331 min Scan# 1829
Delta R.T. 0.012 min
Lab File: BN028174.D
Acq: 10 Oct 2023 00:14

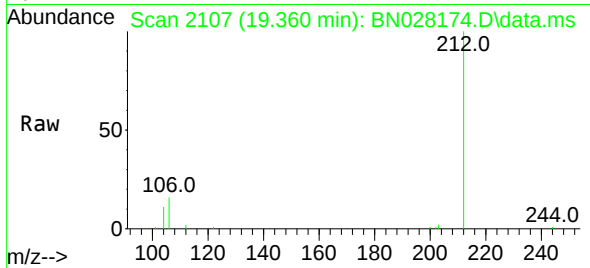
Tgt Ion:188 Resp: 10259
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.6 10.2 15.4#





#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.360 min Scan# 2111
Delta R.T. 0.004 min
Lab File: BN028174.D
Acq: 10 Oct 2023 00:14

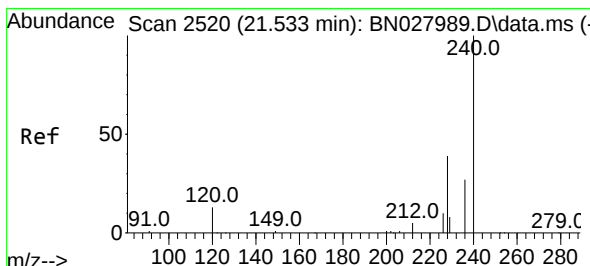
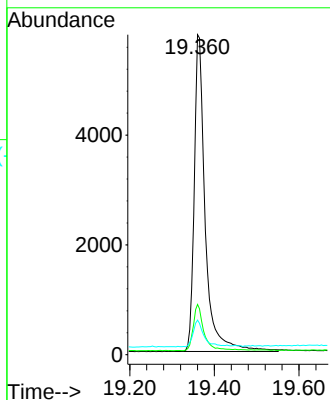
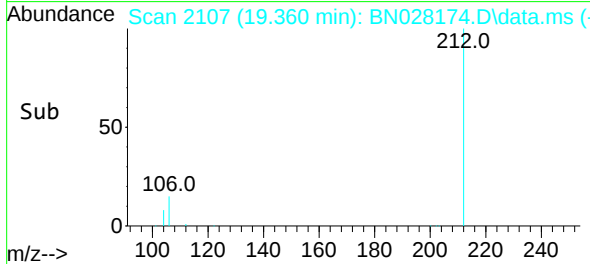
Instrument :
BNA_N
ClientSampleId :
PB156183BL



Tgt Ion:212 Resp: 10450
Ion Ratio Lower Upper
212 100
106 14.0 11.3 16.9
104 8.0 6.4 9.6

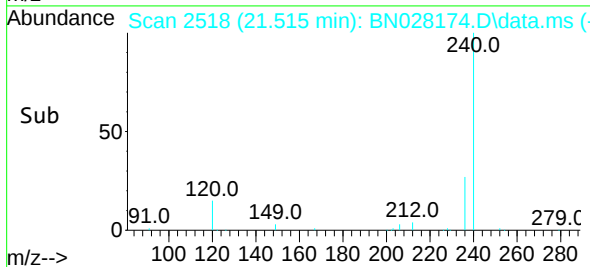
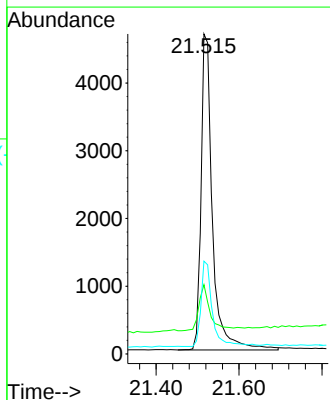
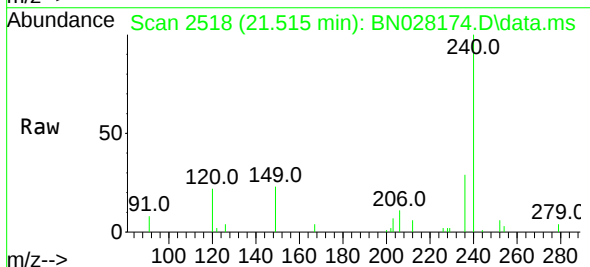
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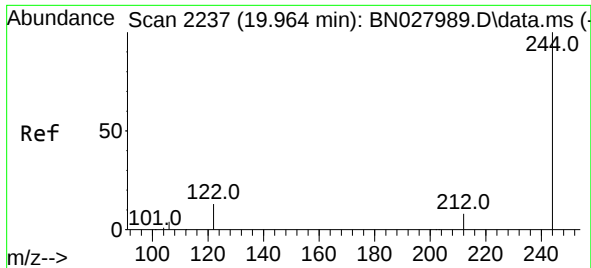
Reviewed By :Yogesh Patel 10/10/2023
Supervised By :mohammad ahmed 10/10/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.515 min Scan# 2518
Delta R.T. -0.000 min
Lab File: BN028174.D
Acq: 10 Oct 2023 00:14

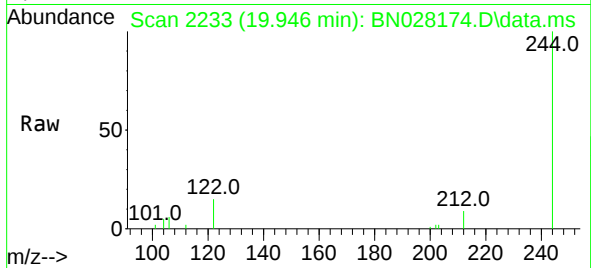
Tgt Ion:240 Resp: 8929
Ion Ratio Lower Upper
240 100
120 21.6 13.8 20.6#
236 29.0 22.6 33.8





#31
 Terphenyl-d14
 Concen: 0.410 ng
 RT: 19.946 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN028174.D
 Acq: 10 Oct 2023 00:14

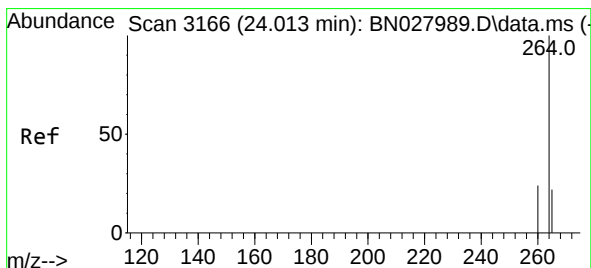
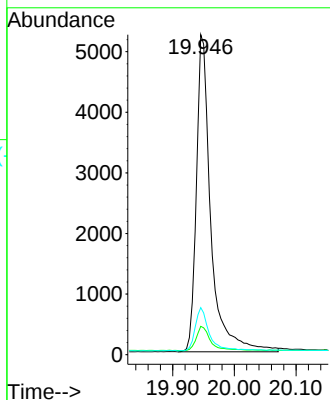
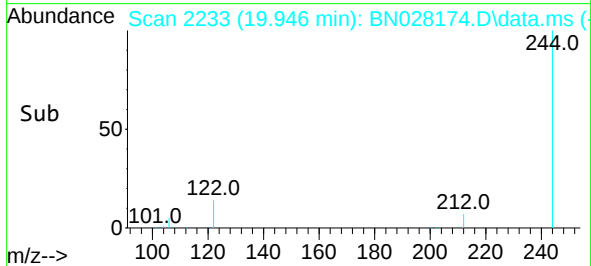
Instrument :
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Tgt Ion:244 Resp: 854
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.6 9.8
 122 14.7 11.4 17.0

Manual Integrations
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 Supervised By :mohammad ahmed 10/10/2023



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.978 min Scan# 3154
 Delta R.T. 0.003 min
 Lab File: BN028174.D
 Acq: 10 Oct 2023 00:14

Tgt Ion:264 Resp: 9190
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.2 30.4
 265 94.3 54.8 82.2#

