

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070522\
 Data File : BN020663.D
 Acq On : 05 Jul 2022 16:21
 Operator : CG/JU
 Sample : N3457-11DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20220620DL

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 07/06/2022
 Supervised By :Jagrut Upadhyay 07/06/2022

Quant Time: Jul 06 01:03:14 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 03:10:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4750	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	13550	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	7770	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	15005	0.400	ng	# 0.00
29) Chrysene-d12	21.440	240	9206	0.400	ng	# 0.00
35) Perylene-d12	23.790	264	6956	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	597	0.045	ng	0.01
5) Phenol-d6	7.132	99	262m	0.017	ng	0.10
8) Nitrobenzene-d5	9.035	82	833	0.076	ng	0.04
11) 2-Methylnaphthalene-d10	12.242	152	2755	0.119	ng	0.02
14) 2,4,6-Tribromophenol	15.995	330	169	0.058	ng	0.02
15) 2-Fluorobiphenyl	13.116	172	3622	0.113	ng	0.01
27) Fluoranthene-d10	19.274	212	5926	0.133	ng	0.00
31) Terphenyl-d14	19.877	244	3923	0.178	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	14386	2.311	ng	95
34) Bis(2-ethylhexyl)phtha...	21.351	149	481	0.026	ng	# 99

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

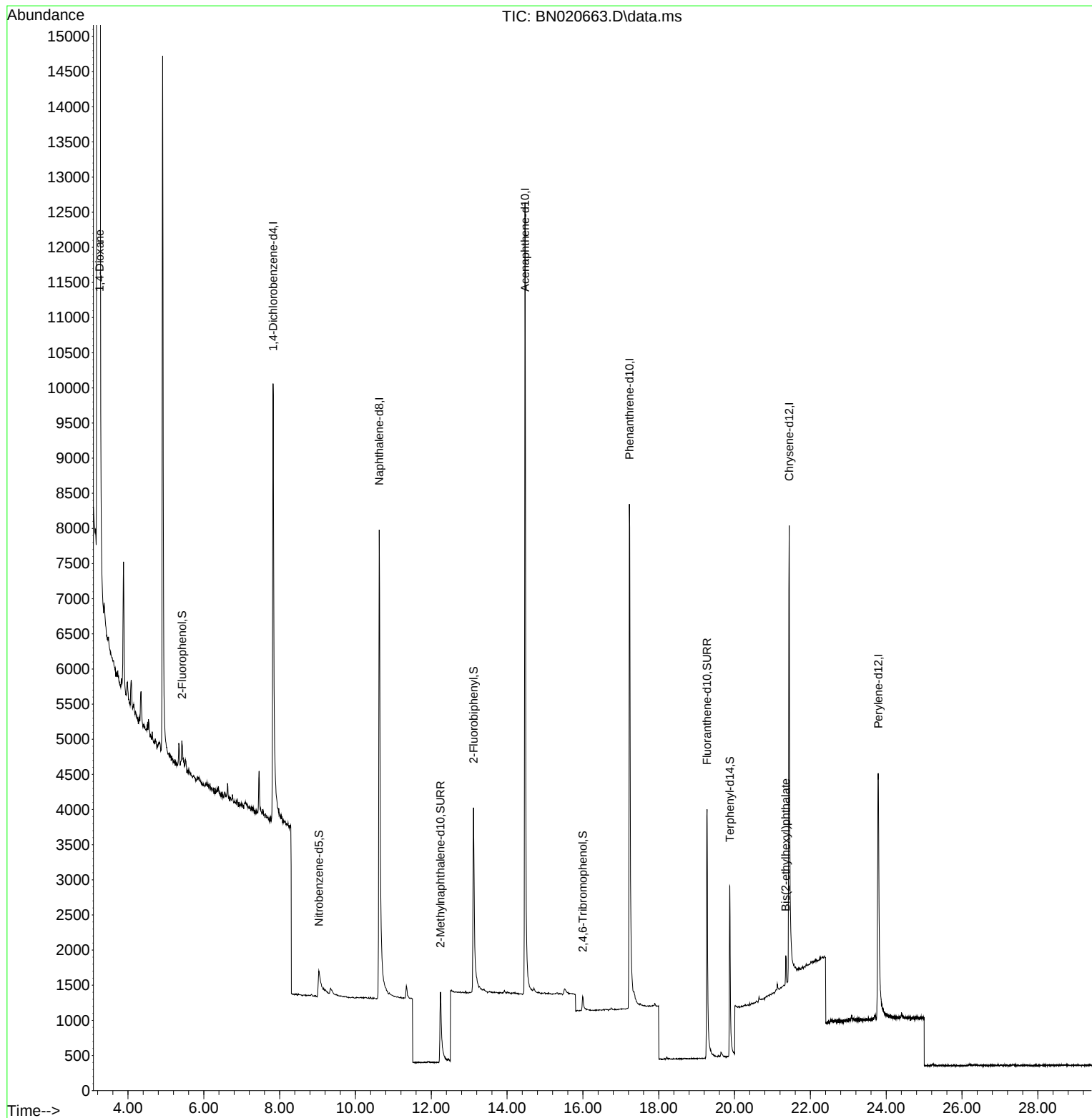
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070522\
Data File : BN020663.D
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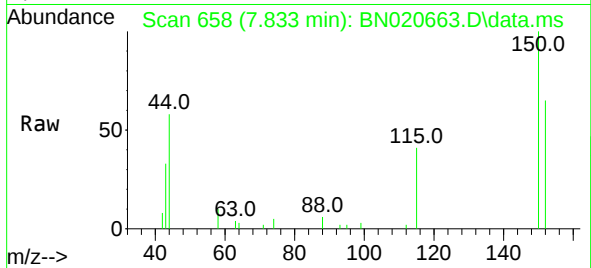
Reviewed By : Christian Giraldo 07/06/2022
Supervised By : Jagrut Upadhyay 07/06/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. 0.008 min
 Lab File: BN020663.D
 Acq: 05 Jul 2022 16:21

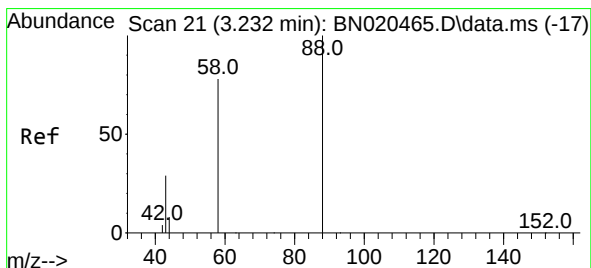
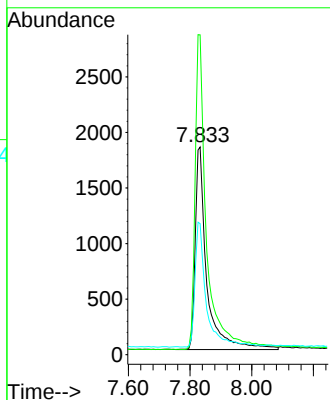
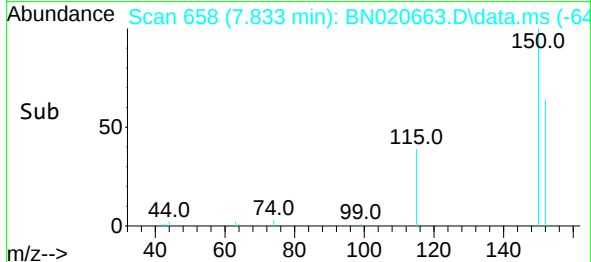
Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20220620DL



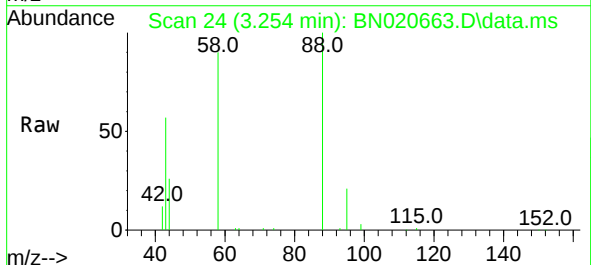
Tgt Ion:152 Resp: 4750
 Ion Ratio Lower Upper
 152 100
 150 154.0 127.9 191.9
 115 63.0 51.4 77.2

Manual Integrations
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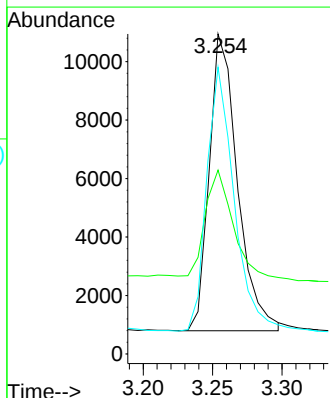
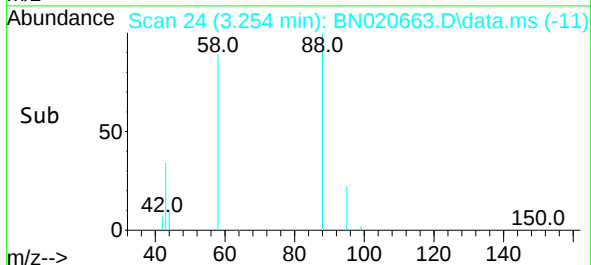
Reviewed By :Christian Giraldo 07/06/2022
 Supervised By :Jagrut Upadhyay 07/06/2022



#2
 1,4-Dioxane
 Concen: 2.311 ng
 RT: 3.254 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BN020663.D
 Acq: 05 Jul 2022 16:21



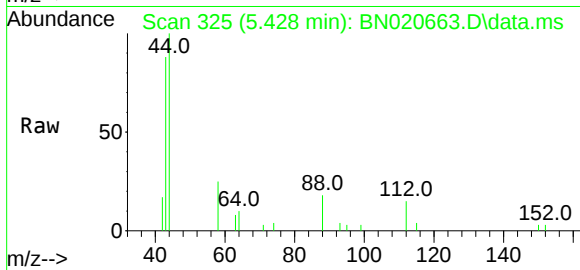
Tgt Ion: 88 Resp: 14386
 Ion Ratio Lower Upper
 88 100
 43 34.7 30.2 45.2
 58 86.0 73.0 109.6





#4
2-Fluorophenol
Concen: 0.045 ng
RT: 5.428 min Scan# 314
Delta R.T. 0.015 min
Lab File: BN020663.D
Acq: 05 Jul 2022 16:21

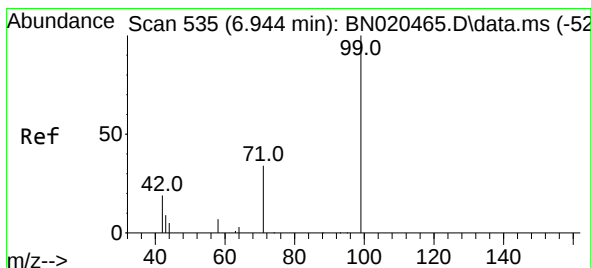
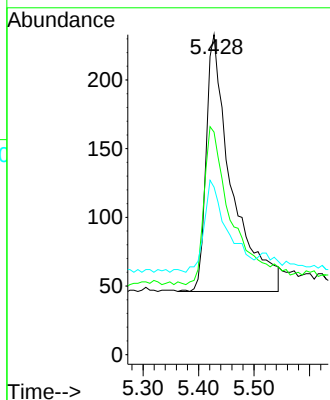
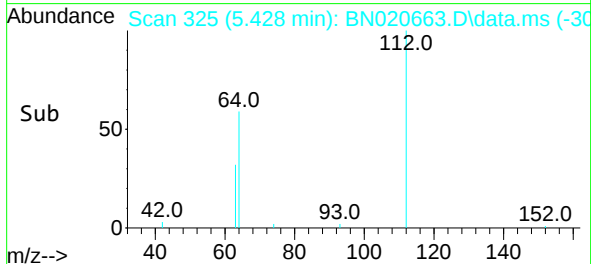
Instrument :
BNA_N
ClientSampleId :
RE103D1-20220620DL



Tgt Ion: 112 Resp: 597
Ion Ratio Lower Upper
112 100
64 66.8 49.1 73.7
63 33.0 26.3 39.5

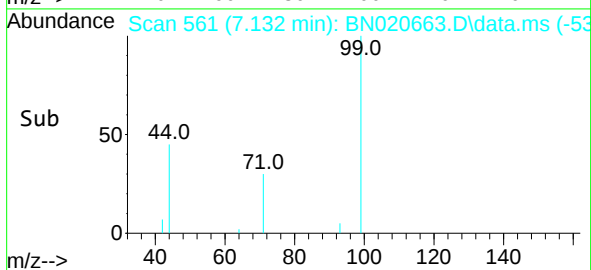
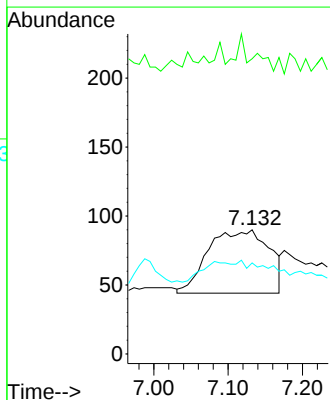
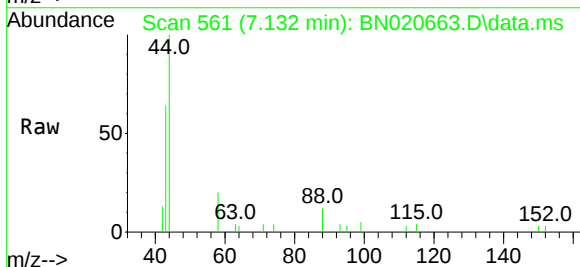
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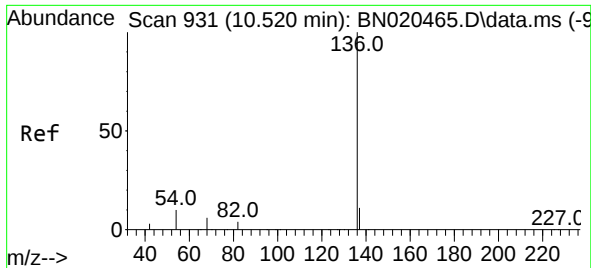
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022



#5
Phenol-d6
Concen: 0.017 ng m
RT: 7.132 min Scan# 561
Delta R.T. 0.101 min
Lab File: BN020663.D
Acq: 05 Jul 2022 16:21

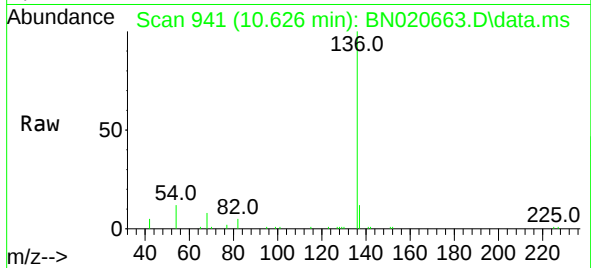
Tgt Ion: 99 Resp: 262
Ion Ratio Lower Upper
99 100
42 4.6 19.3 28.9#
71 17.2 27.5 41.3#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN020663.D
Acq: 05 Jul 2022 16:21

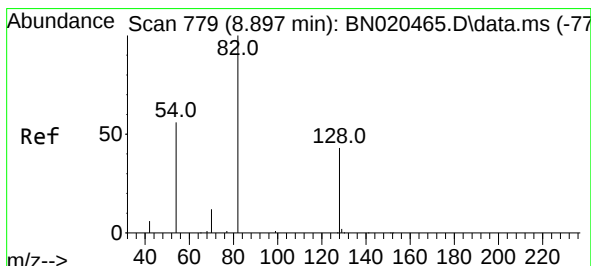
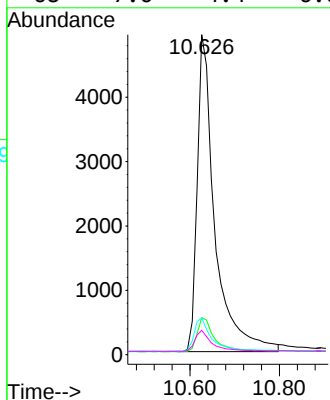
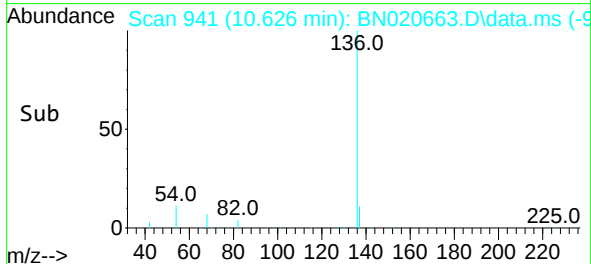
Instrument :
BNA_N
ClientSampleId :
RE103D1-20220620DL



Tgt Ion:136 Resp: 13550
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 11.5 6.2 9.2
68 7.6 4.4 6.6

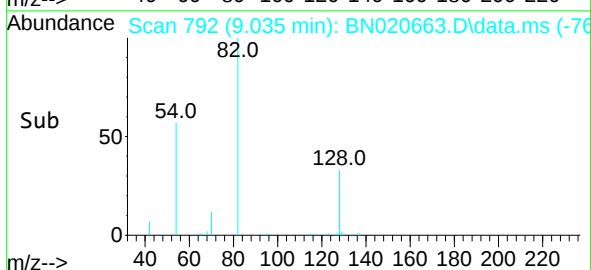
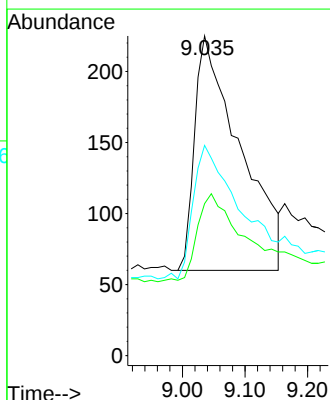
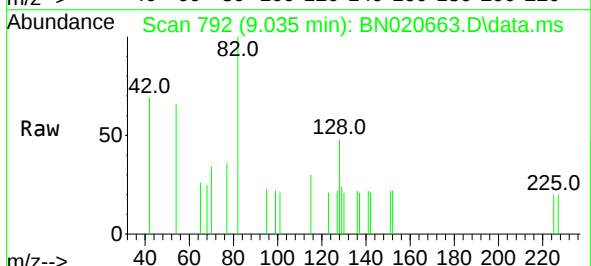
Manual Integrations
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#8
Nitrobenzene-d5
Concen: 0.076 ng
RT: 9.035 min Scan# 792
Delta R.T. 0.043 min
Lab File: BN020663.D
Acq: 05 Jul 2022 16:21

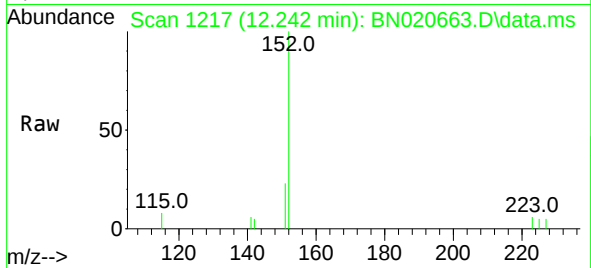
Tgt Ion: 82 Resp: 833
Ion Ratio Lower Upper
82 100
128 47.6 35.0 52.6
54 65.8 46.2 69.4





#11
2-Methylnaphthalene-d10
Concen: 0.119 ng
RT: 12.242 min Scan# 1185
Delta R.T. 0.015 min
Lab File: BN020663.D
Acq: 05 Jul 2022 16:21

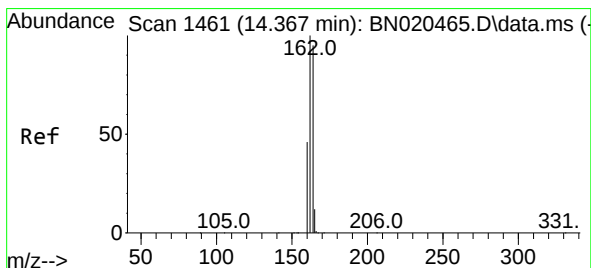
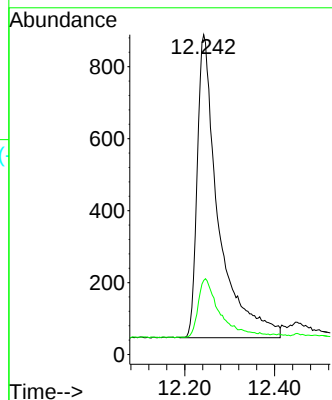
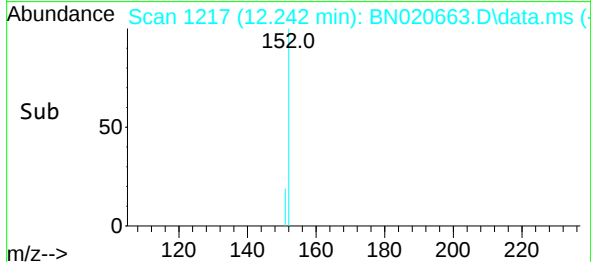
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ClientSampleId :
RE103D1-20220620DL



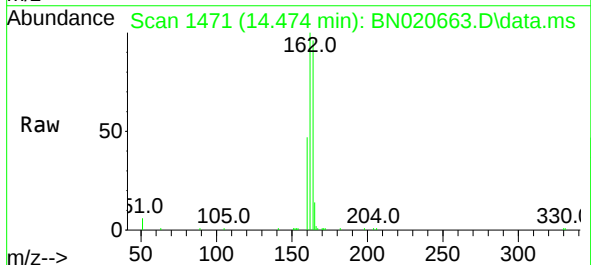
Tgt Ion:152 Resp: 2758
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.4

Manual Integrations
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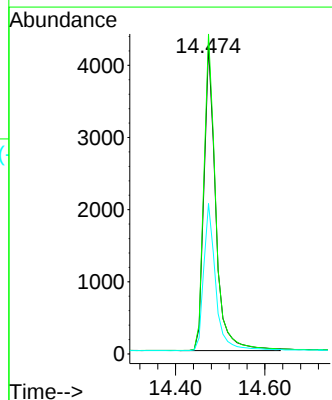
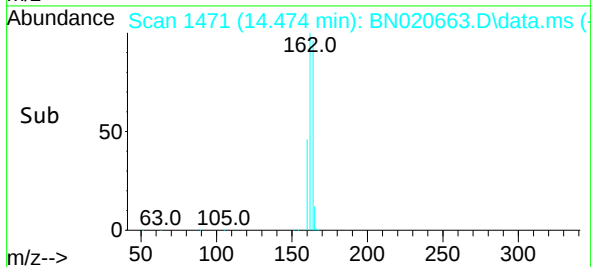
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022

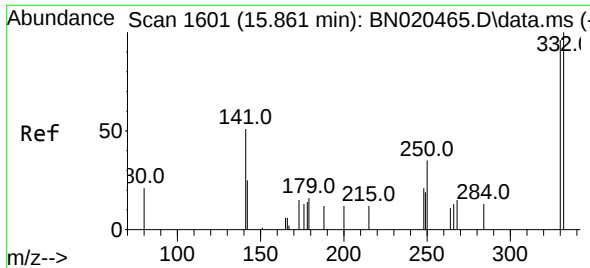


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BN020663.D
Acq: 05 Jul 2022 16:21



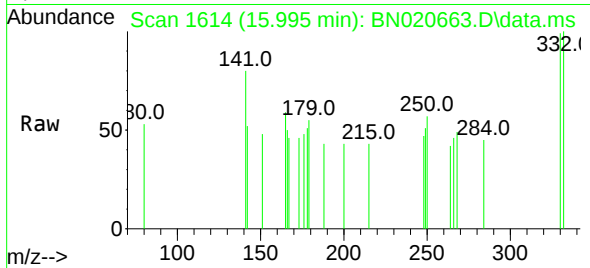
Tgt Ion:164 Resp: 7770
Ion Ratio Lower Upper
164 100
162 103.9 82.1 123.1
160 48.9 38.6 58.0





#14
2,4,6-Tribromophenol
Concen: 0.058 ng
RT: 15.995 min Scan# 1601
Delta R.T. 0.021 min
Lab File: BN020663.D
Acq: 05 Jul 2022 16:21

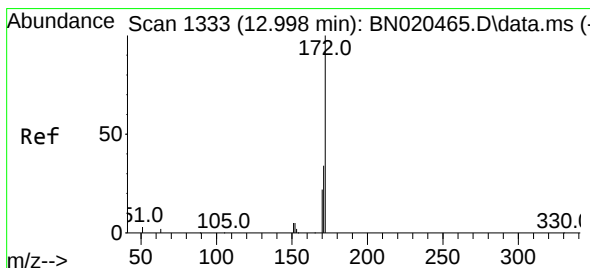
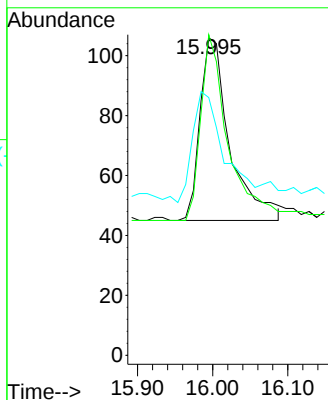
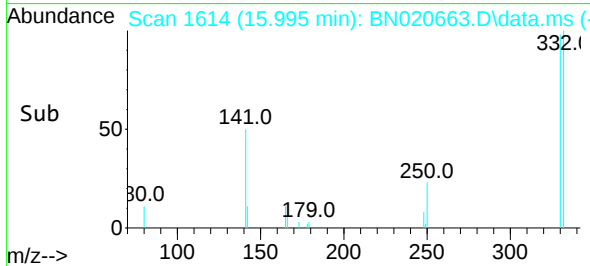
Instrument :
BNA_N
ClientSampleId :
RE103D1-20220620DL



Tgt Ion:330 Resp: 169
Ion Ratio Lower Upper
330 100
332 92.3 77.6 116.4
141 65.7 41.0 61.4

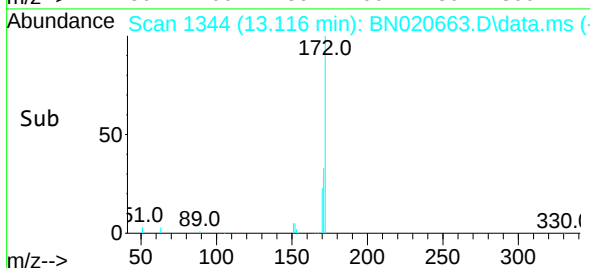
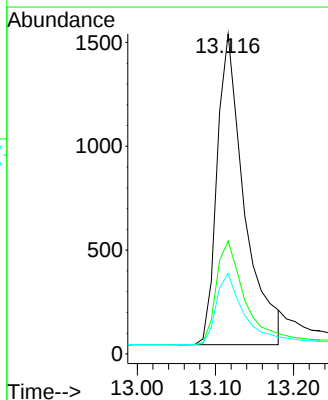
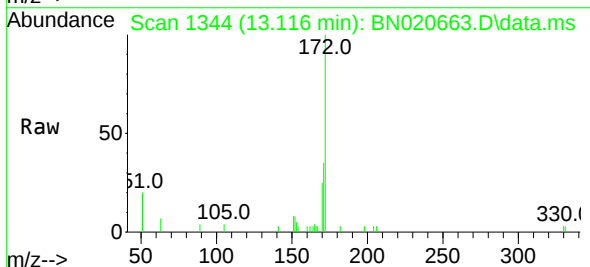
Manual Integrations
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#15
2-Fluorobiphenyl
Concen: 0.113 ng
RT: 13.116 min Scan# 1344
Delta R.T. 0.011 min
Lab File: BN020663.D
Acq: 05 Jul 2022 16:21

Tgt Ion:172 Resp: 3622
Ion Ratio Lower Upper
172 100
171 35.3 27.2 40.8
170 25.2 18.2 27.4





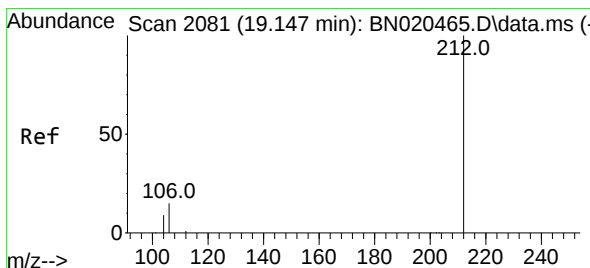
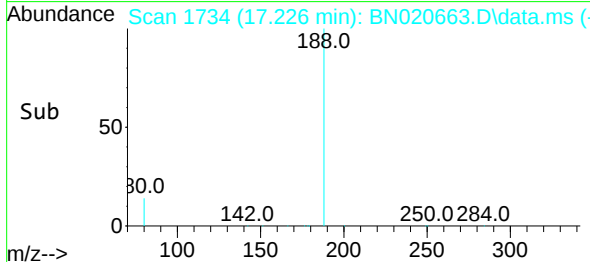
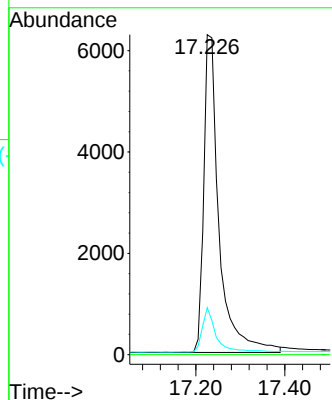
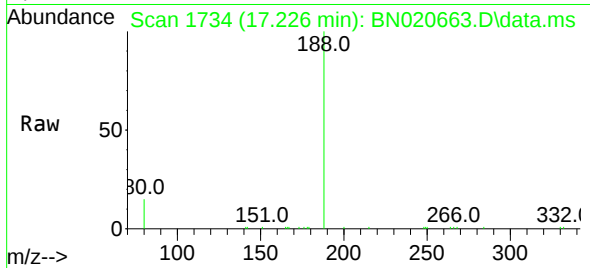
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Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN020663.D
Acq: 05 Jul 2022 16:21

Instrument :
BNA_N
ClientSampleId :
RE103D1-20220620DL

Tgt Ion:188 Resp: 1500
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.7 7.4 11.2

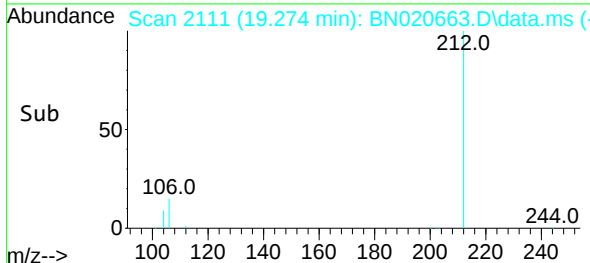
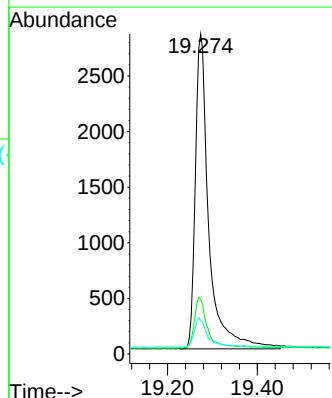
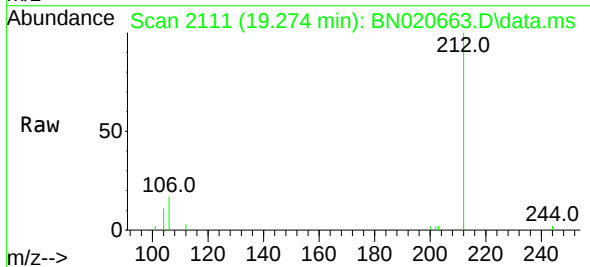
Manual Integrations
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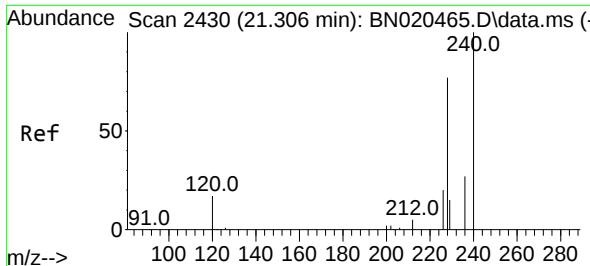
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022



#27
Fluoranthene-d10
Concen: 0.133 ng
RT: 19.274 min Scan# 2111
Delta R.T. 0.004 min
Lab File: BN020663.D
Acq: 05 Jul 2022 16:21

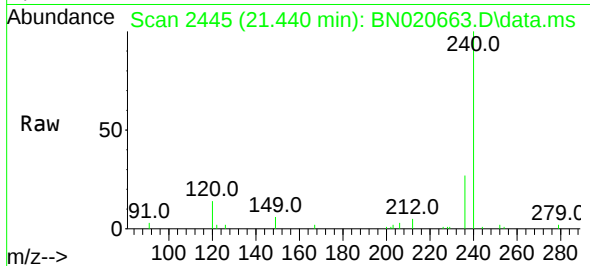
Tgt Ion:212 Resp: 5926
Ion Ratio Lower Upper
212 100
106 15.3 12.6 19.0
104 8.9 7.2 10.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.440 min Scan# 2430
Delta R.T. 0.009 min
Lab File: BN020663.D
Acq: 05 Jul 2022 16:21

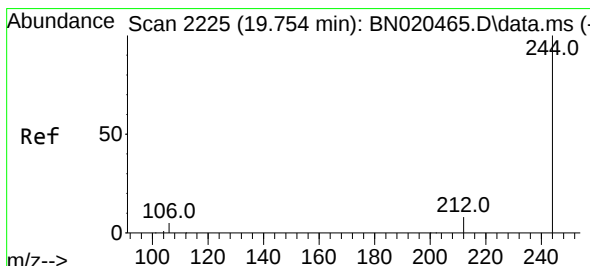
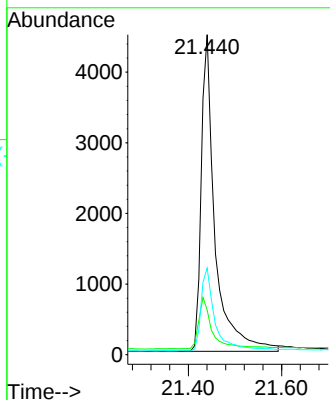
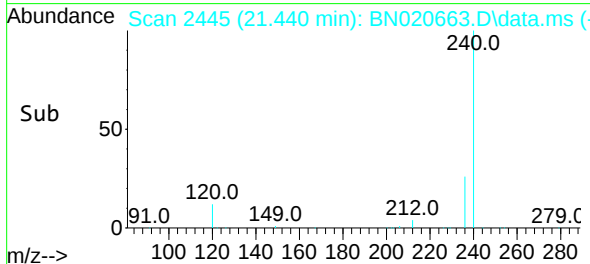
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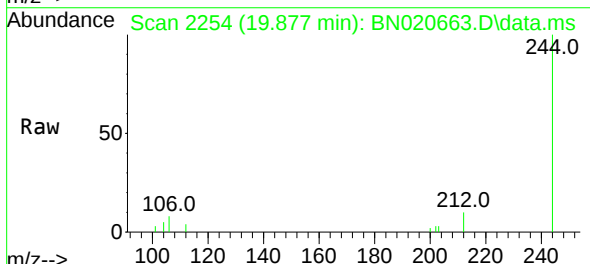
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Ion Ratio Lower Upper
240 100
120 13.9 14.6 21.8
236 27.1 22.6 33.8

Manual Integrations
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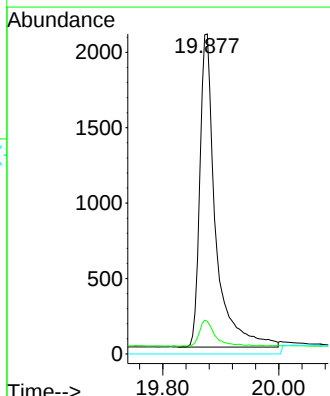
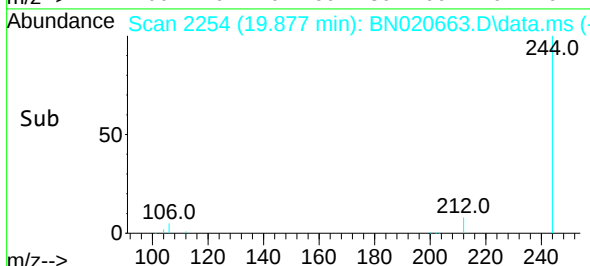
Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022

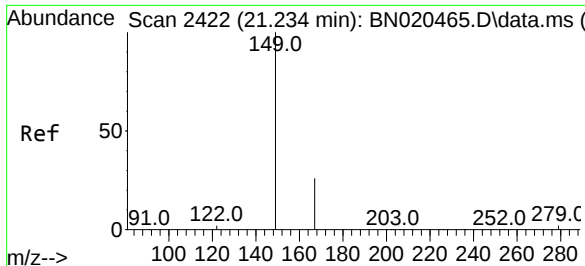


#31
Terphenyl-d14
Concen: 0.178 ng
RT: 19.877 min Scan# 2254
Delta R.T. 0.004 min
Lab File: BN020663.D
Acq: 05 Jul 2022 16:21



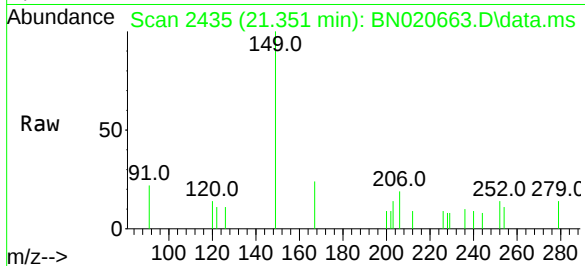
Tgt Ion:244 Resp: 3923
Ion Ratio Lower Upper
244 100
212 10.2 7.1 10.7
122 0.0 0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.026 ng
RT: 21.351 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BN020663.D
Acq: 05 Jul 2022 16:21

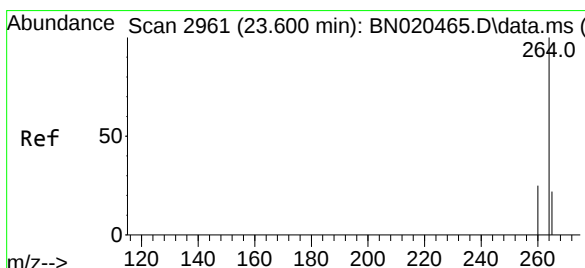
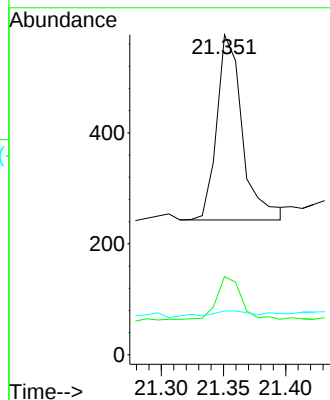
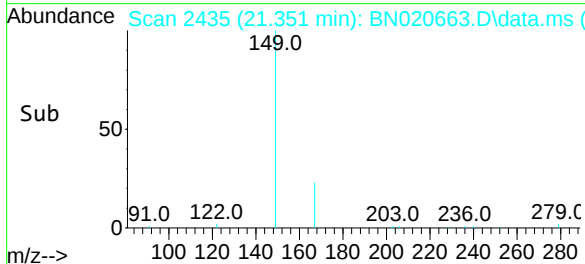
Instrument :
BNA_N
ClientSampleId :
RE103D1-20220620DL



Tgt Ion:149 Resp: 481
Ion Ratio Lower Upper
149 100
167 27.2 21.7 32.5
279 4.2 2.2 3.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.790 min Scan# 3026
Delta R.T. 0.000 min
Lab File: BN020663.D
Acq: 05 Jul 2022 16:21

Tgt Ion:264 Resp: 6956
Ion Ratio Lower Upper
264 100
260 26.9 20.9 31.3
265 39.4 28.0 42.0

