

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017936.D
 Acq On : 12 Dec 2021 12:29
 Operator : CG/JU
 Sample : M4956-19
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20211205

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/13/2021
 Supervised By : Jagrut Upadhyay 12/13/2021

Quant Time: Dec 13 00:39:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	25202	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	101593	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	60459	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	119326	0.400	ng	0.00
29) Chrysene-d12	21.293	240	83044	0.400	ng	0.00
35) Perylene-d12	23.589	264	54984	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	7103	0.137	ng	0.00
5) Phenol-d6	6.903	99	3554	0.069	ng	0.00
8) Nitrobenzene-d5	8.859	82	19280	0.291	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	52165	0.292	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4482	0.468	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	85009	0.400	ng	0.00
27) Fluoranthene-d10	19.129	212	157626	0.408	ng	0.00
31) Terphenyl-d14	19.730	244	178684	0.873	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.270	88	51146m	6.687	ng	Qvalue
34) Bis(2-ethylhexyl)phtha...	21.208	149	10117	0.113	ng	100

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

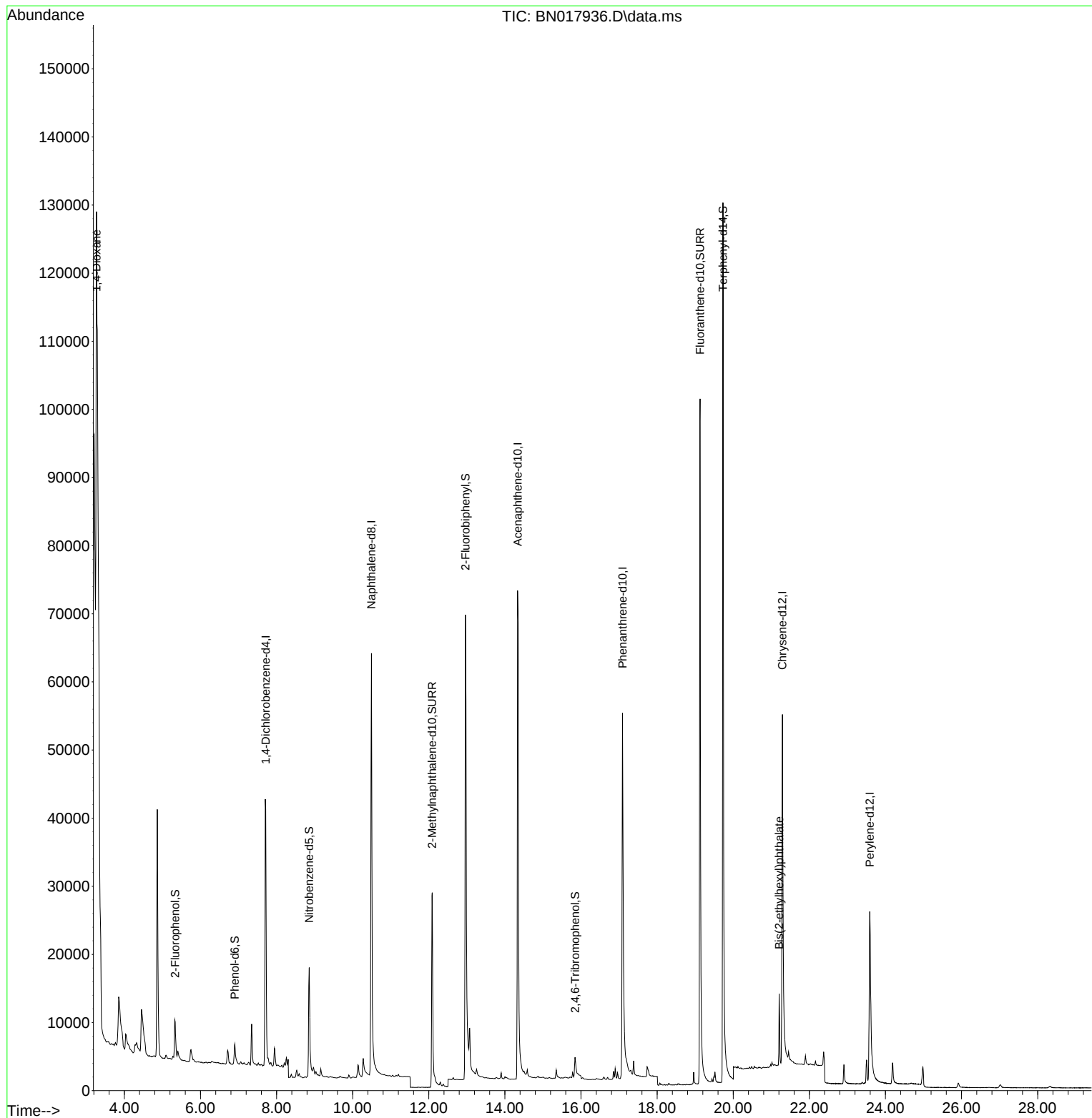
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
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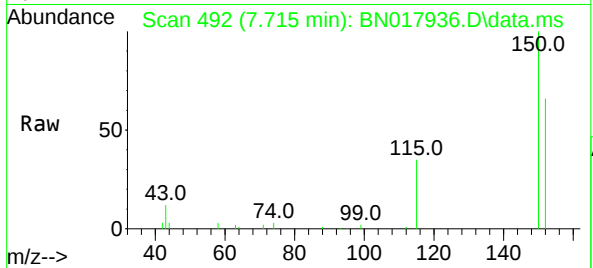
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

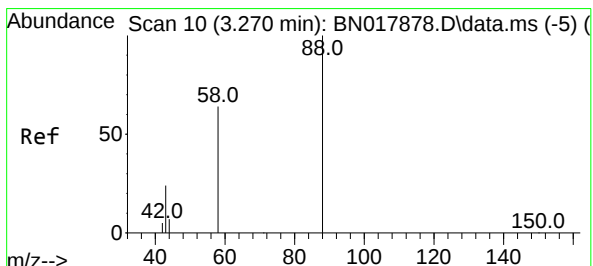
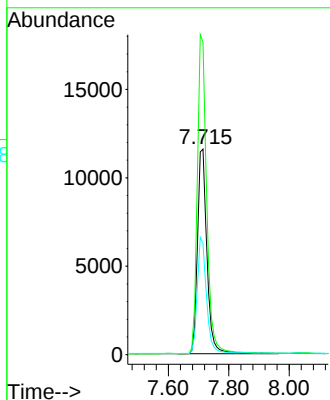
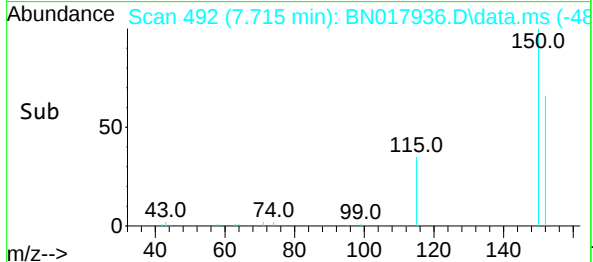
Instrument :
BNA_N
ClientSampleId :
DUP07-20211205



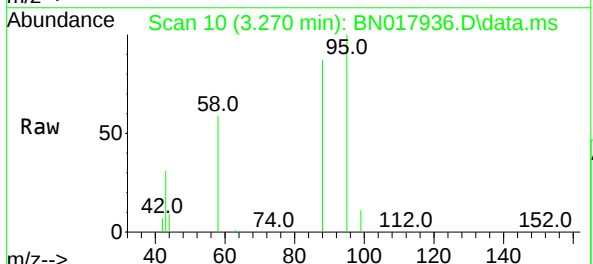
Tgt Ion: 152 Resp: 2520
Ion Ratio Lower Upper
152 100
150 152.0 121.9 182.9
115 53.9 44.1 66.1

Manual Integrations
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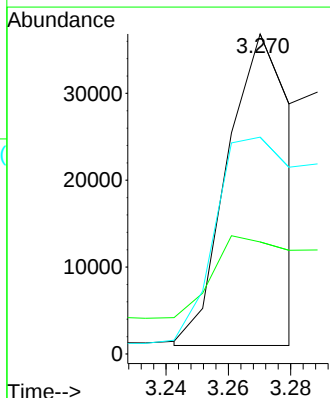
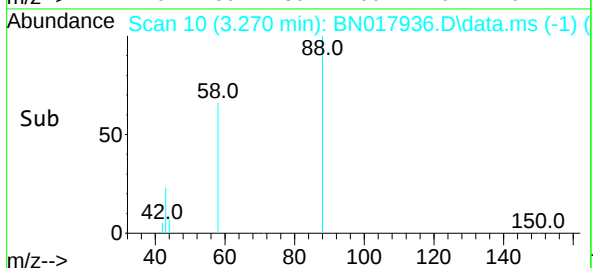
Reviewed By :Christian Giraldo 12/13/2021
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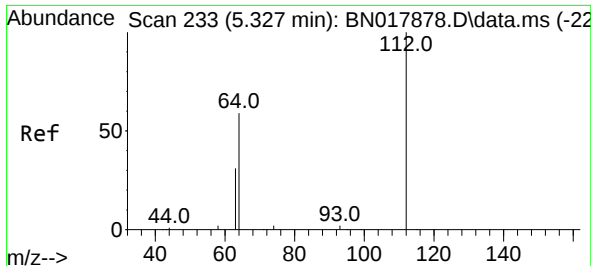


#2
1,4-Dioxane
Concen: 6.687 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29



Tgt Ion: 88 Resp: 51146
Ion Ratio Lower Upper
88 100
43 46.9 28.0 42.0#
58 120.3 65.4 98.0#





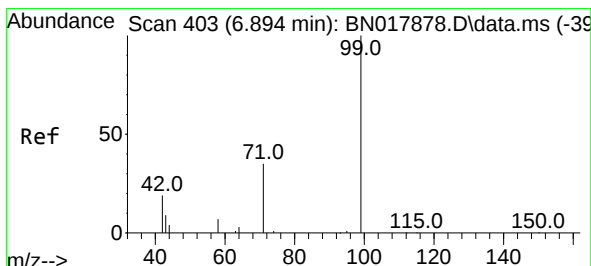
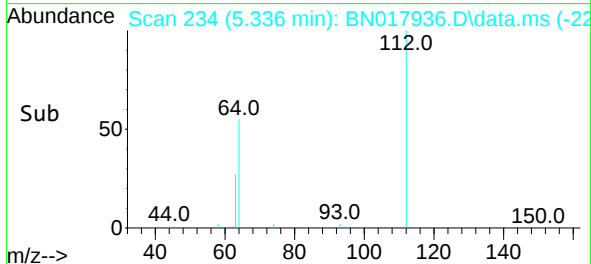
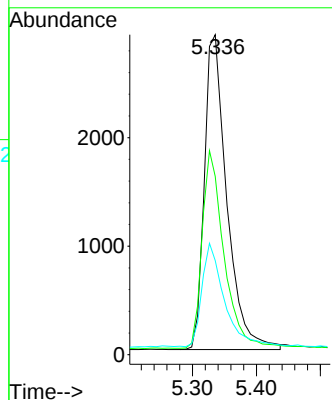
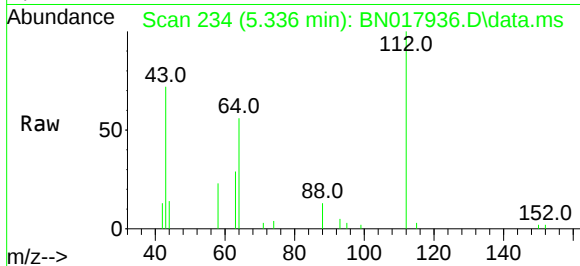
#4
2-Fluorophenol
Concen: 0.137 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

Instrument :
BNA_N
ClientSampleId :
DUP07-20211205

Tgt Ion:112 Resp: 710
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.4
63 32.7 26.2 39.2

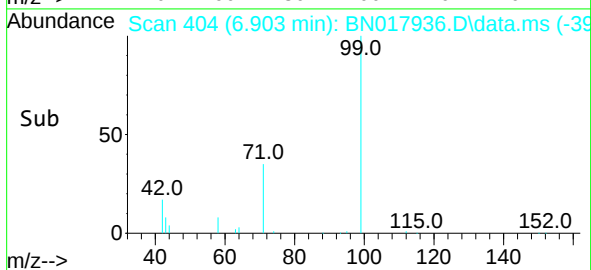
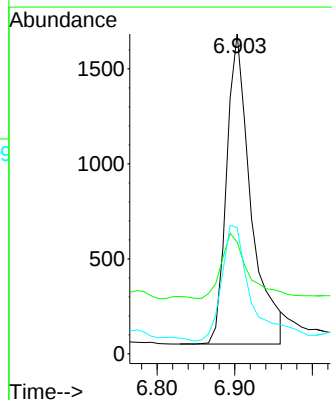
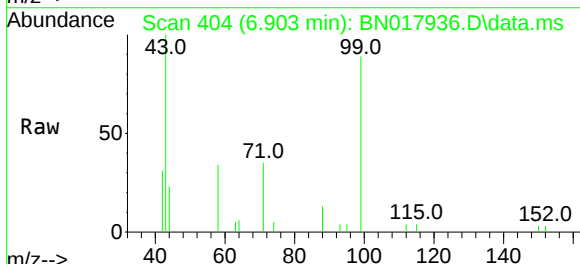
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#5
Phenol-d6
Concen: 0.069 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

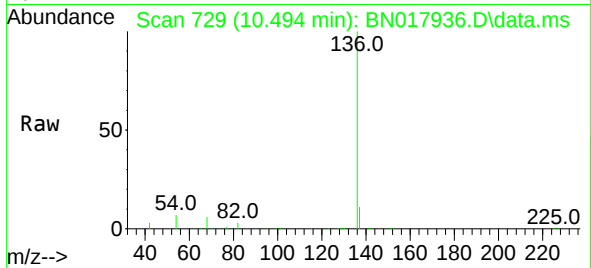
Tgt Ion: 99 Resp: 3554
Ion Ratio Lower Upper
99 100
42 22.5 17.0 25.4
71 42.8 28.0 42.0#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

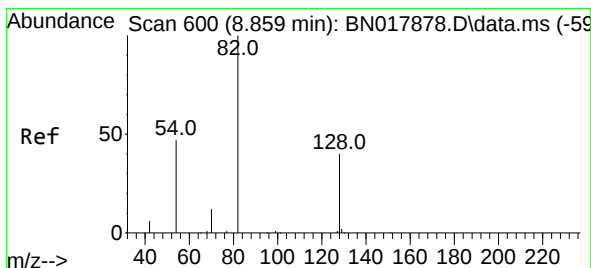
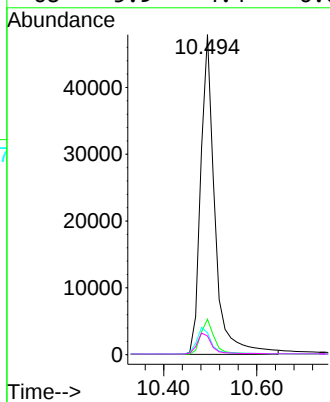
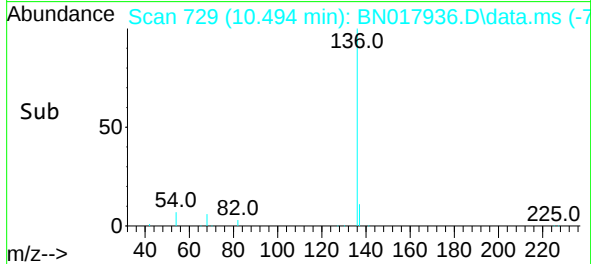
Instrument :
BNA_N
ClientSampleId :
DUP07-20211205



Tgt Ion:136 Resp: 10159
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.9 5.1 7.7
68 5.9 4.4 6.6

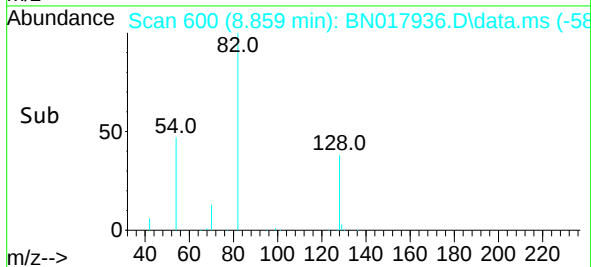
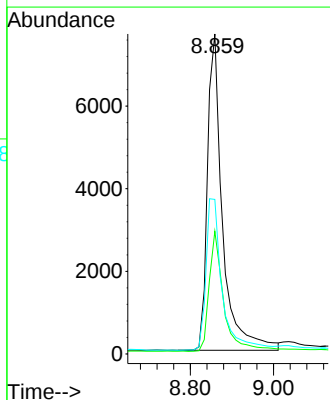
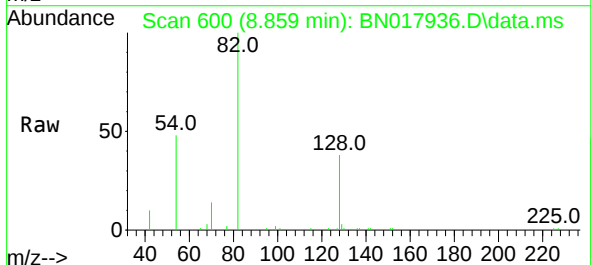
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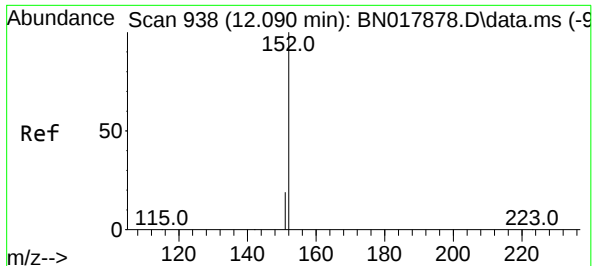
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#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

Tgt Ion: 82 Resp: 19280
Ion Ratio Lower Upper
82 100
128 38.4 32.2 48.4
54 48.3 37.6 56.4





#11

2-Methylnaphthalene-d10

Concen: 0.292 ng

RT: 12.089 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017936.D

Acq: 12 Dec 2021 12:29

Instrument :

BNA_N

ClientSampleId :

DUP07-20211205

Tgt Ion:152 Resp: 5216

Ion Ratio Lower Upper

152 100

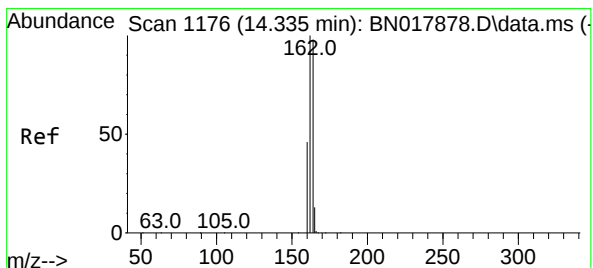
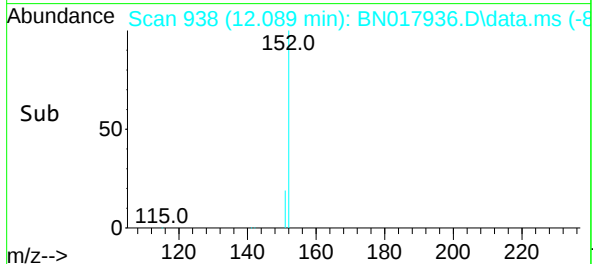
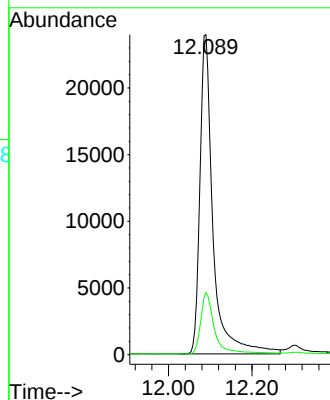
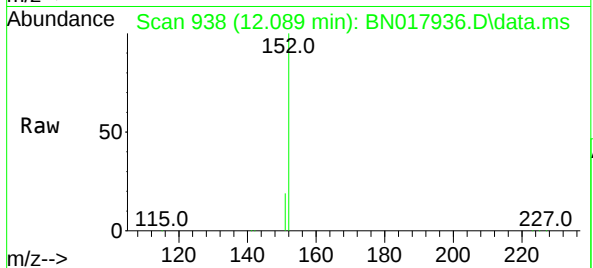
151 20.5 16.4 24.6

Manual Integrations

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#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.334 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BN017936.D

Acq: 12 Dec 2021 12:29

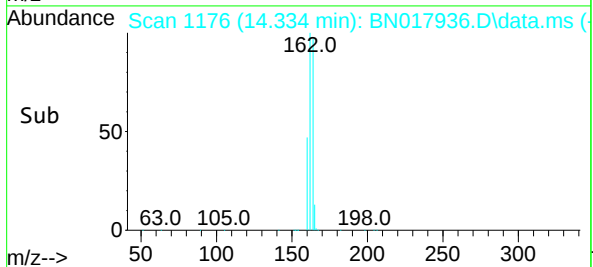
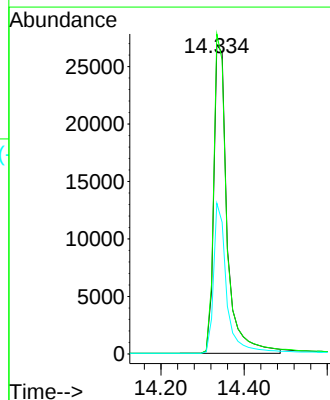
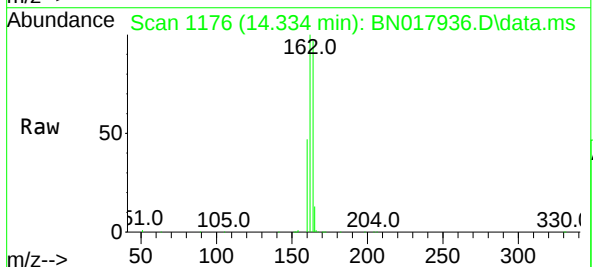
Tgt Ion:164 Resp: 60459

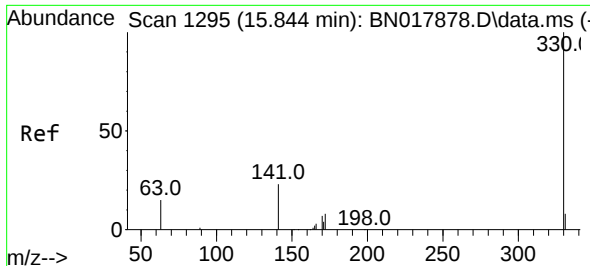
Ion Ratio Lower Upper

164 100

162 103.4 82.1 123.1

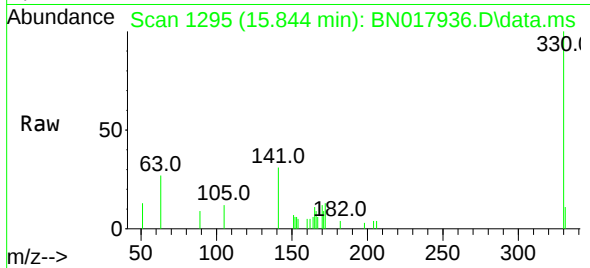
160 48.7 38.2 57.2





#14
2,4,6-Tribromophenol
Concen: 0.468 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

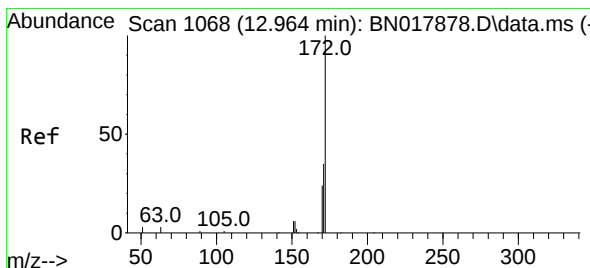
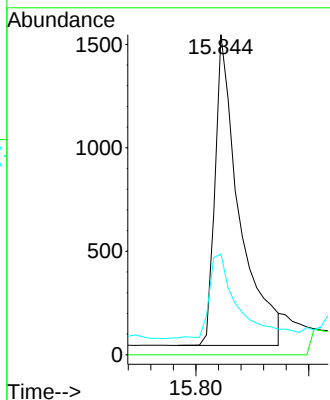
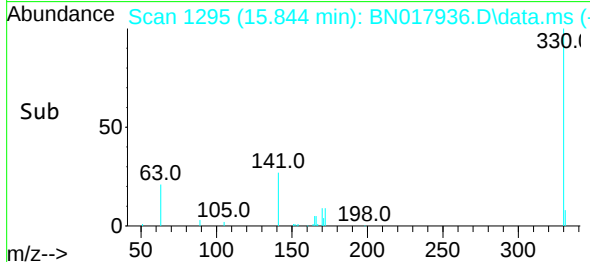
Instrument :
BNA_N
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DUP07-20211205



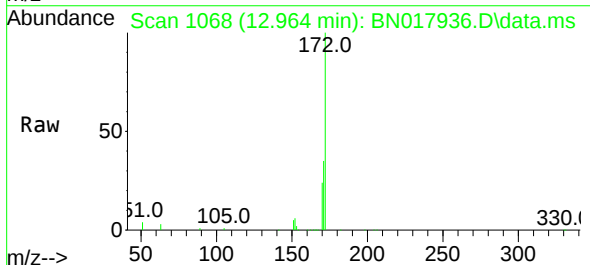
Tgt Ion:330 Resp: 448
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.8 19.7 29.5

Manual Integrations
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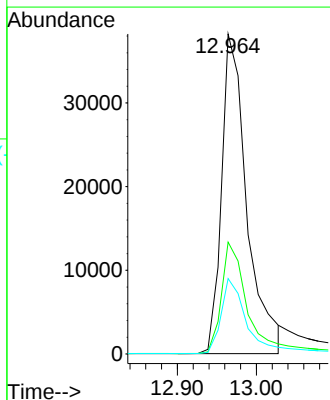
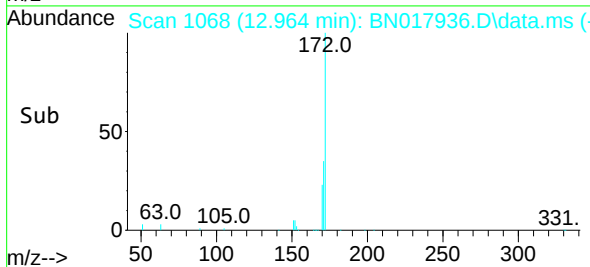
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

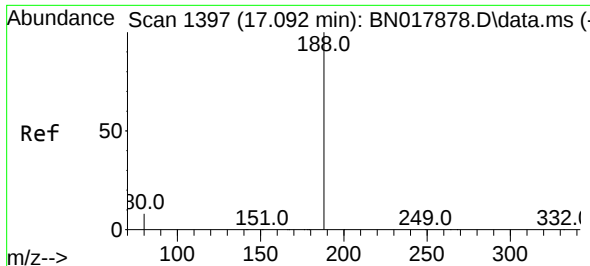


#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29



Tgt Ion:172 Resp: 85009
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.5 19.1 28.7





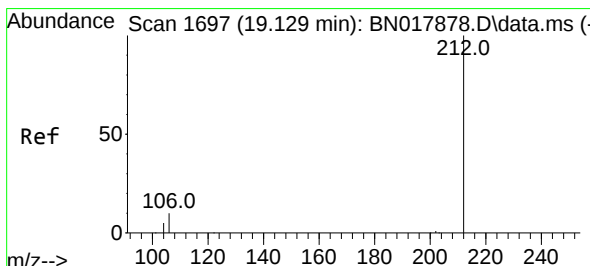
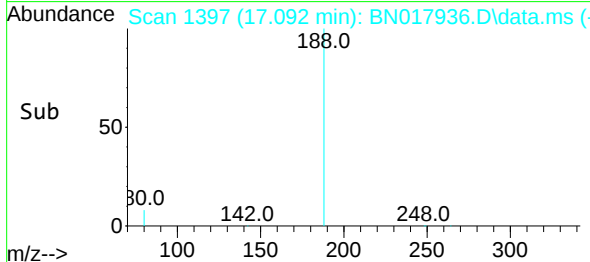
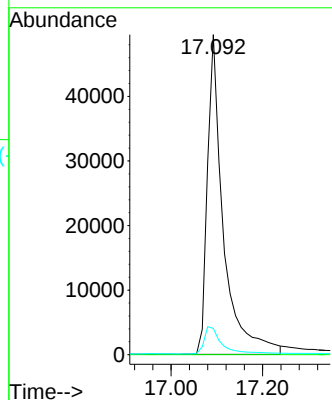
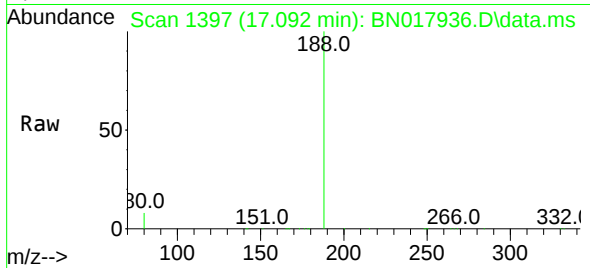
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 119320
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

Instrument :
BNA_N
ClientSampleId :
DUP07-20211205

Tgt Ion:188 Resp: 119320
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 6.2 9.2

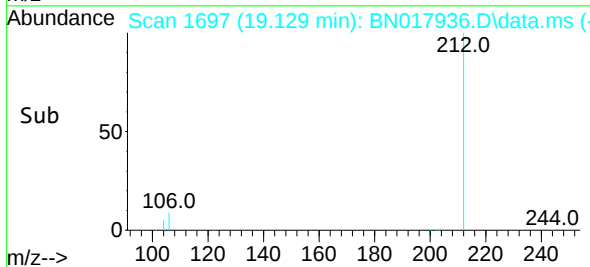
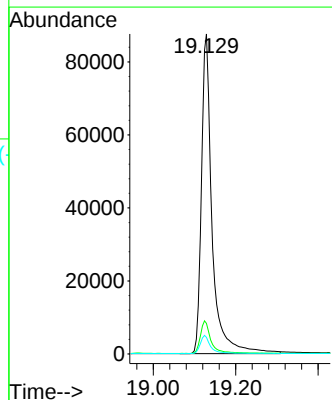
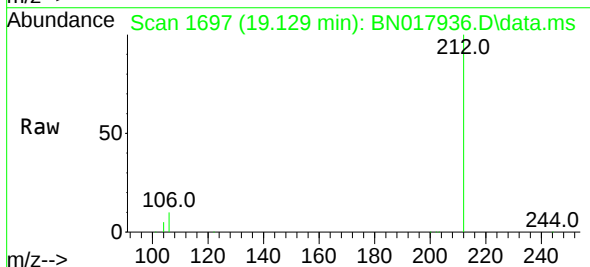
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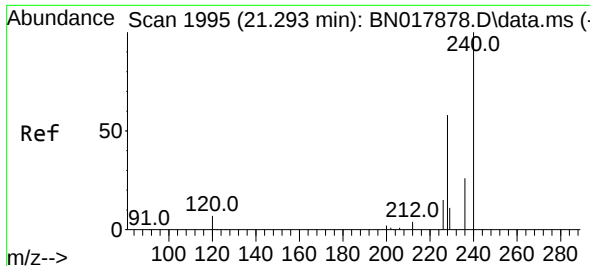
Reviewed By :Christian Giraldo 12/13/2021
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#27
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

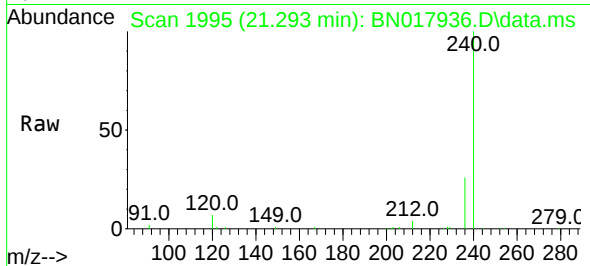
Tgt Ion:212 Resp: 157626
Ion Ratio Lower Upper
212 100
106 10.2 8.3 12.5
104 5.5 4.6 6.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

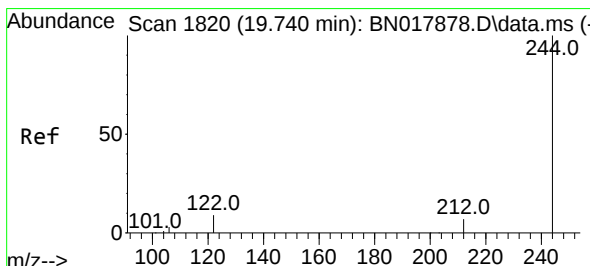
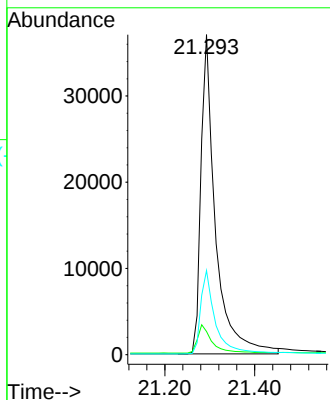
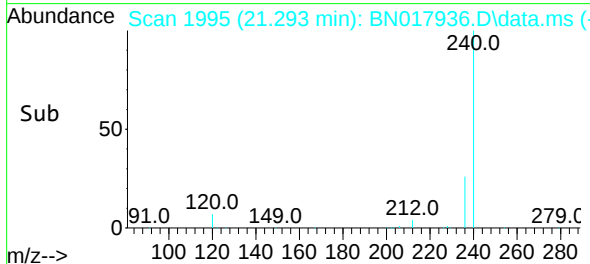
Instrument :
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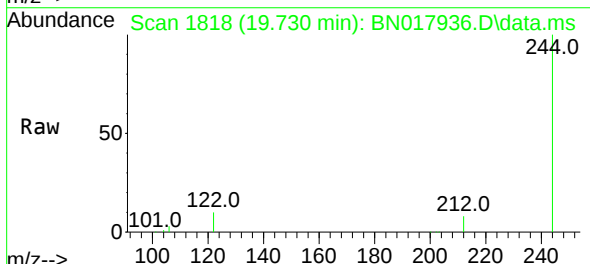
Tgt Ion:240 Resp: 8304
Ion Ratio Lower Upper
240 100
120 7.3 5.8 8.8
236 26.3 21.0 31.6

Manual Integrations
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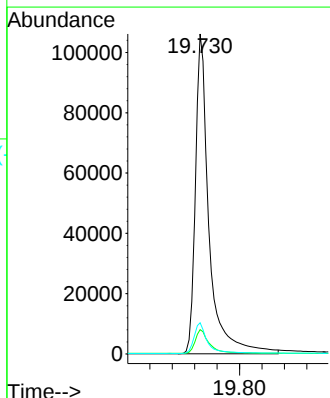
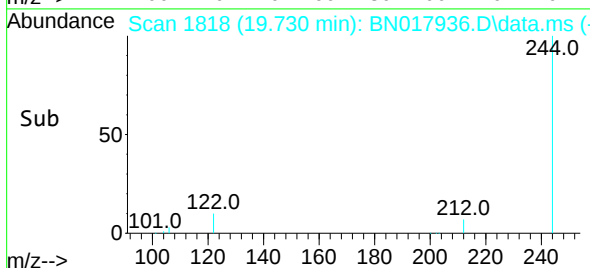
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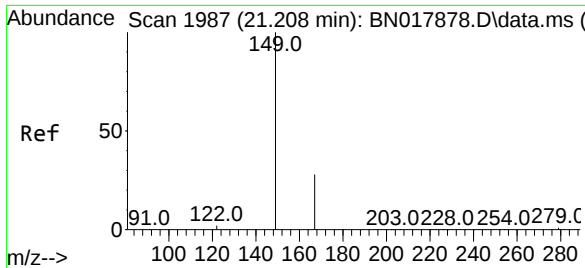


#31
Terphenyl-d14
Concen: 0.873 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29



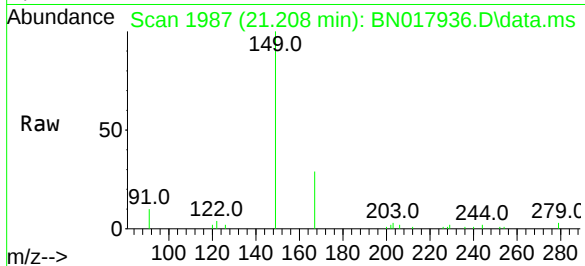
Tgt Ion:244 Resp: 178684
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 9.8 7.5 11.3





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.113 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

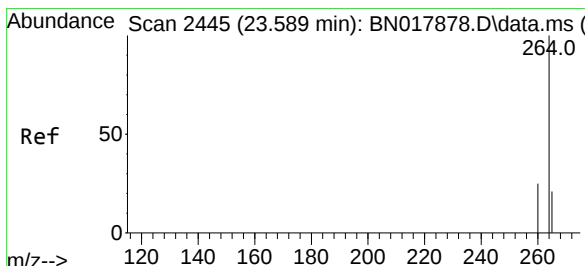
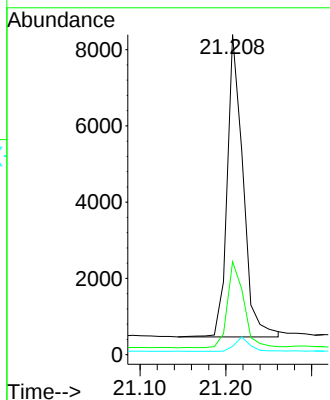
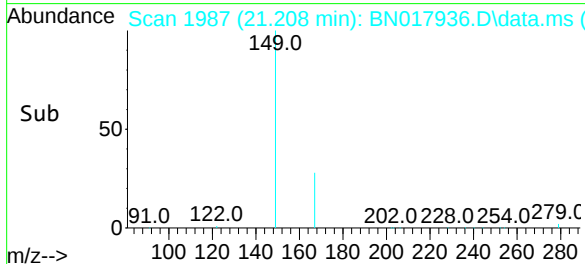
Instrument :
BNA_N
ClientSampleId :
DUP07-20211205



Tgt Ion:149 Resp: 1011
Ion Ratio Lower Upper
149 100
167 29.4 23.4 35.0
279 4.4 3.6 5.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

Tgt Ion:264 Resp: 54984
Ion Ratio Lower Upper
264 100
260 25.7 20.2 30.4
265 23.1 18.2 27.4

