

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017846.D
 Acq On : 09 Dec 2021 22:06
 Operator : CG/JU
 Sample : M4922-22
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20211130

Quant Time: Dec 10 06:49:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :Yogesh Patel 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	20532	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	80028	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	55101	0.400	ng	-0.01
19) Phenanthrene-d10	17.092	188	110392	0.400	ng	0.00
29) Chrysene-d12	21.293	240	91691	0.400	ng	# 0.00
35) Perylene-d12	23.589	264	54615	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.335	112	5108	0.103	ng	0.00
5) Phenol-d6	6.903	99	2789	0.059	ng	0.00
8) Nitrobenzene-d5	8.859	82	13178	0.248	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	37271	0.233	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3697	0.128	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	57383	0.284	ng	0.00
27) Fluoranthene-d10	19.129	212	125195	0.339	ng	0.00
31) Terphenyl-d14	19.730	244	99849	0.507	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	2234m	0.296	ng	
25) Phenanthrene	17.129	178	7732	0.027	ng	# 95
28) Fluoranthene	19.154	202	7505	0.021	ng	99
34) Bis(2-ethylhexyl)phtha...	21.208	149	30148	0.236	ng	99

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

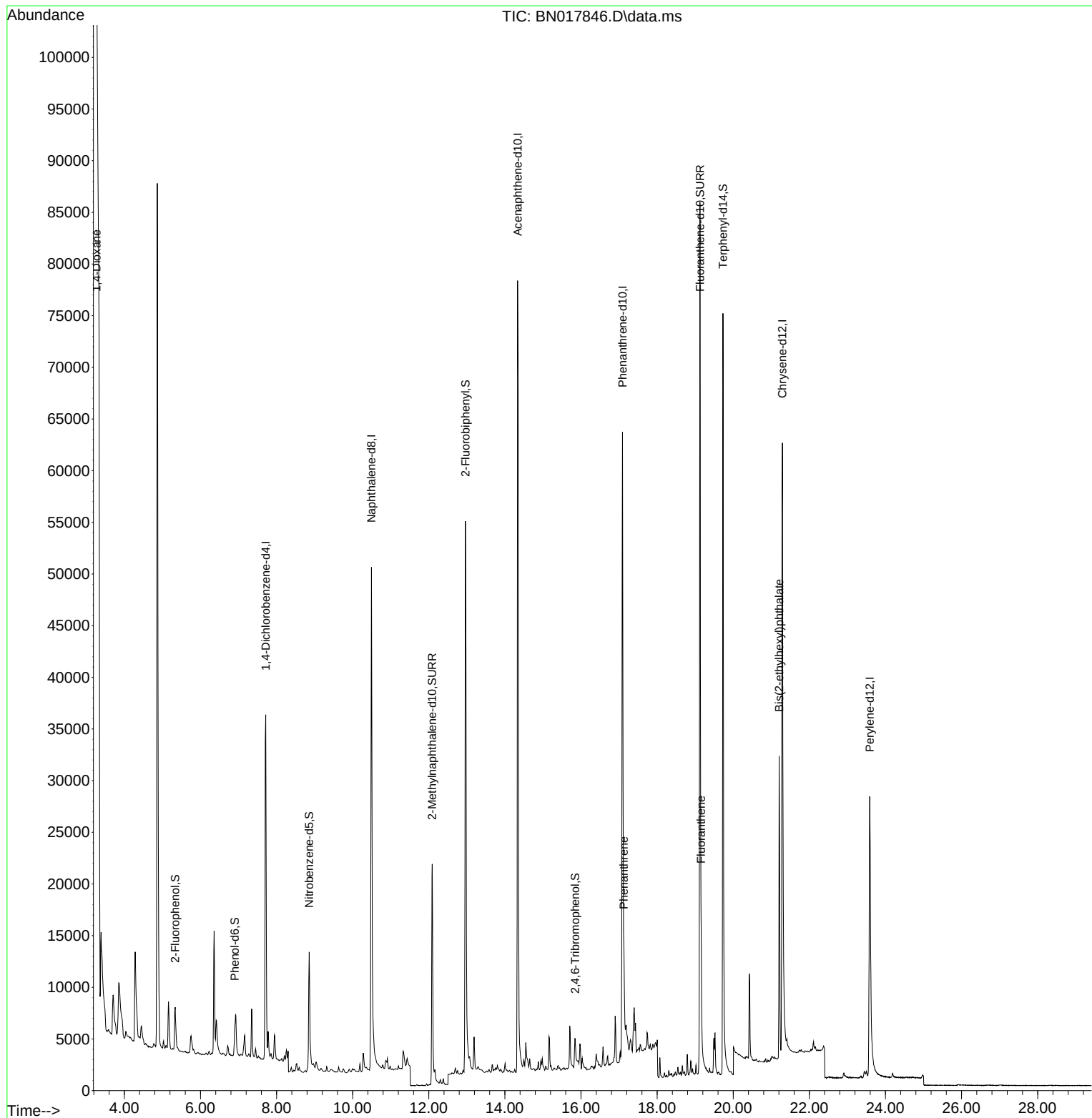
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017846.D
Acq On : 09 Dec 2021 22:06
Operator : CG/JU
Sample : M4922-22
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ALS Vial : 13 Sample Multiplier: 1

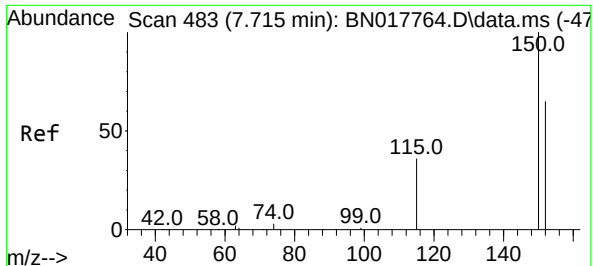
Instrument :
BNA_N
ClientSampleId :
RE103D3-20211130

Quant Time: Dec 10 06:49:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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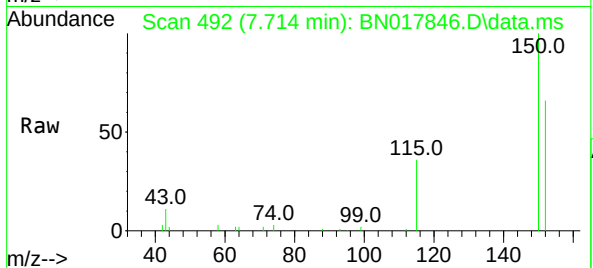
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 492
Delta R.T. -0.001 min
Lab File: BN017846.D
Acq: 09 Dec 2021 22:06

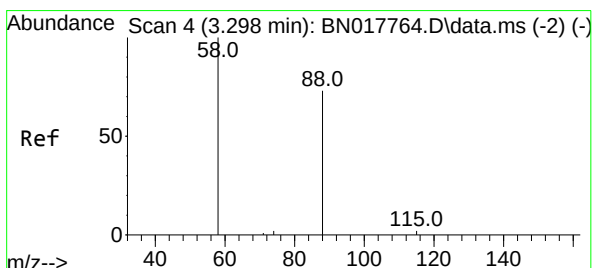
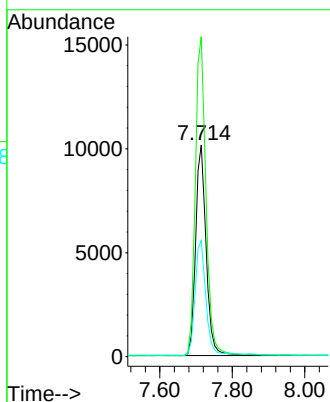
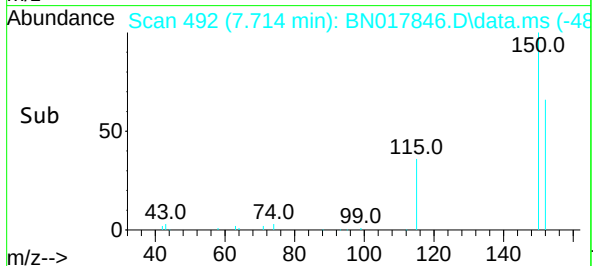
Instrument :
BNA_N
ClientSampleId :
RE103D3-20211130



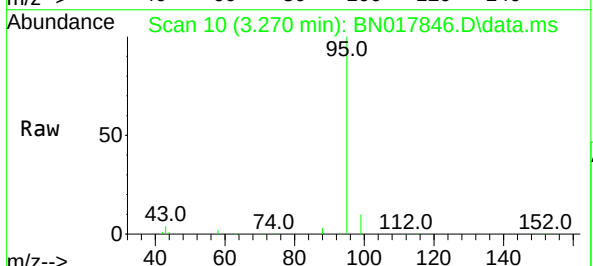
Tgt Ion: 152 Resp: 2053
Ion Ratio Lower Upper
152 100
150 151.1 123.0 184.4
115 54.9 45.3 67.9

Manual Integrations
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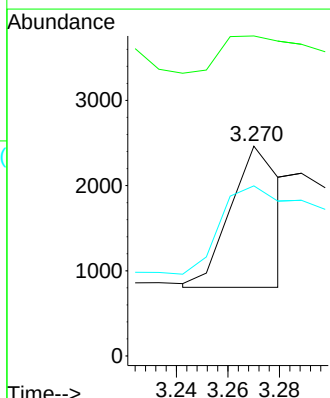
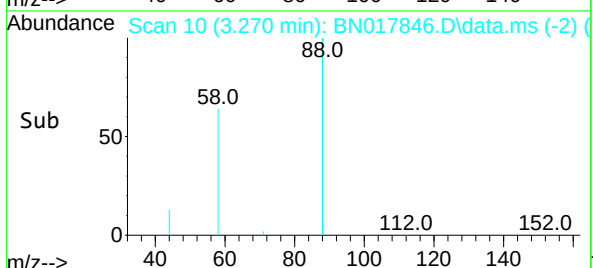
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

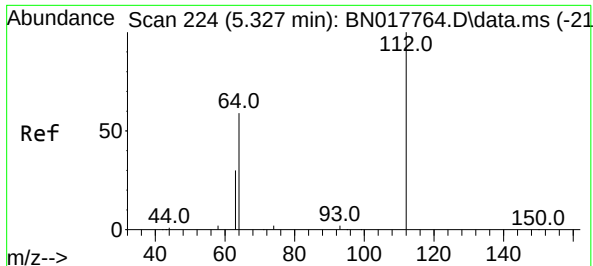


#2
1,4-Dioxane
Concen: 0.296 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017846.D
Acq: 09 Dec 2021 22:06



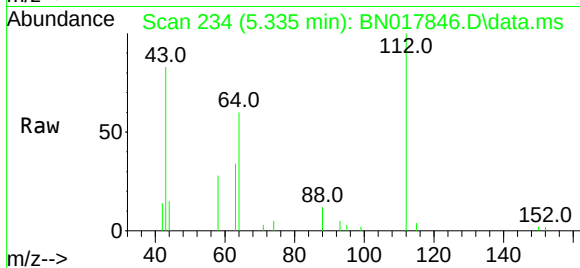
Tgt Ion: 88 Resp: 2234
Ion Ratio Lower Upper
88 100
43 62.1 0.0 0.0#
58 146.1 0.0 0.0#





#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.335 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017846.D
Acq: 09 Dec 2021 22:06

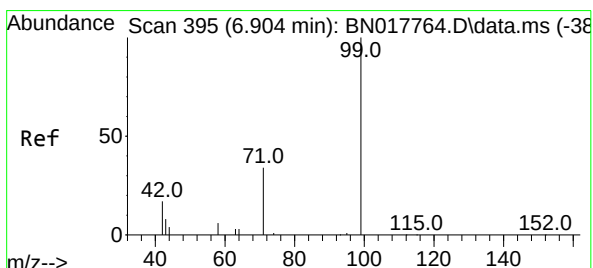
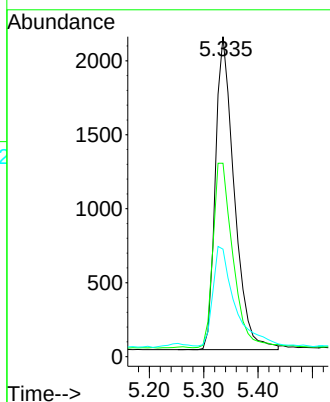
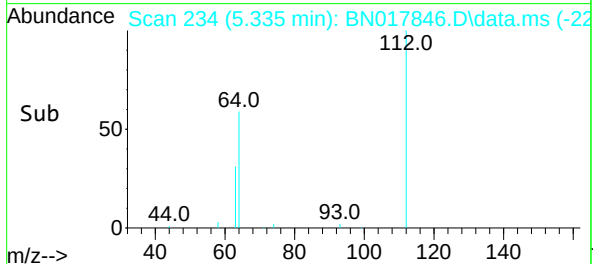
Instrument :
BNA_N
ClientSampleId :
RE103D3-20211130



Tgt Ion: 112 Resp: 510
Ion Ratio Lower Upper
112 100
64 61.8 49.3 73.9
63 36.5 25.8 38.8

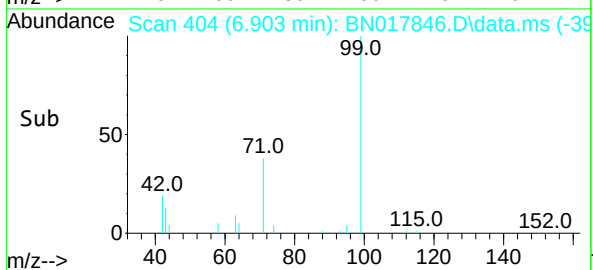
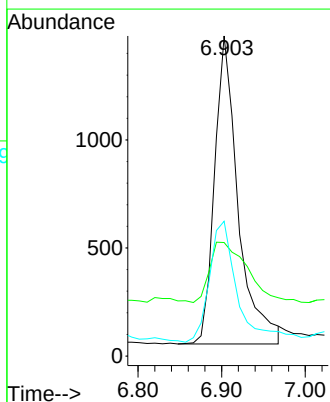
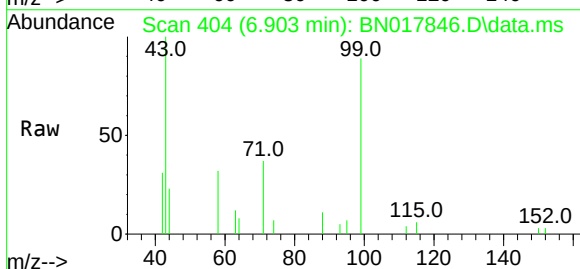
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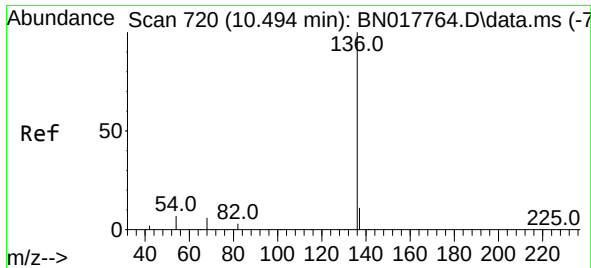
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#5
Phenol-d6
Concen: 0.059 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.001 min
Lab File: BN017846.D
Acq: 09 Dec 2021 22:06

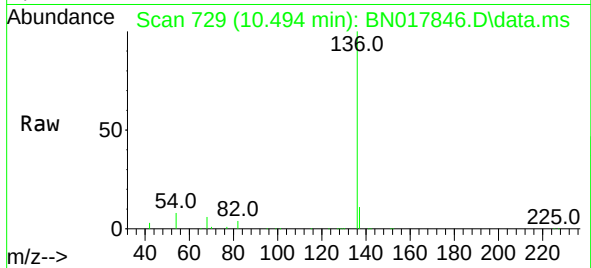
Tgt Ion: 99 Resp: 2789
Ion Ratio Lower Upper
99 100
42 30.6 16.6 25.0#
71 45.4 29.0 43.4#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.001 min
Lab File: BN017846.D
Acq: 09 Dec 2021 22:06

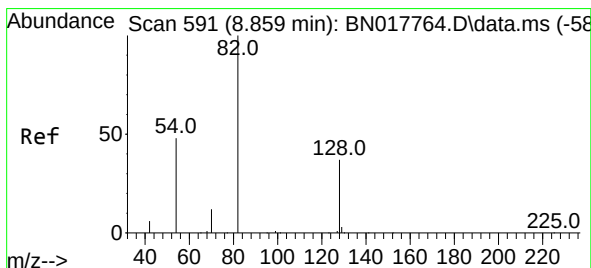
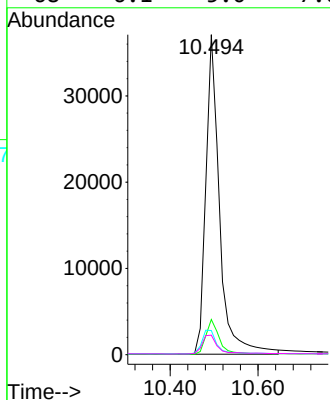
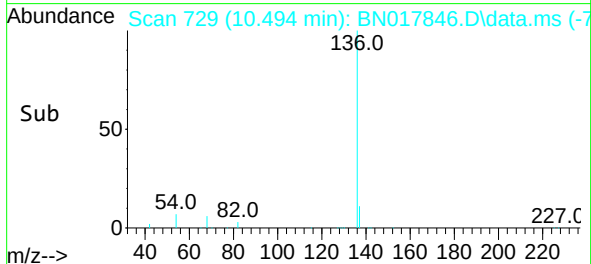
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:	136	Resp:	80028
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.5	5.9	8.9
68	6.1	5.0	7.6

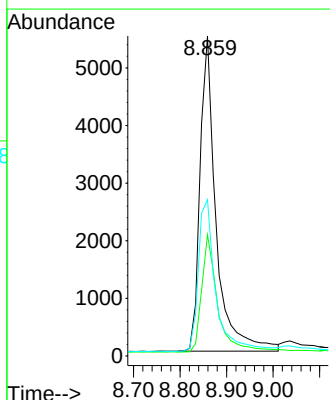
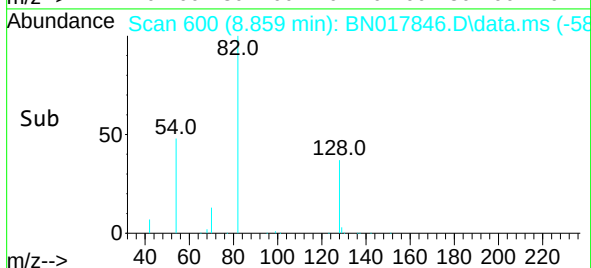
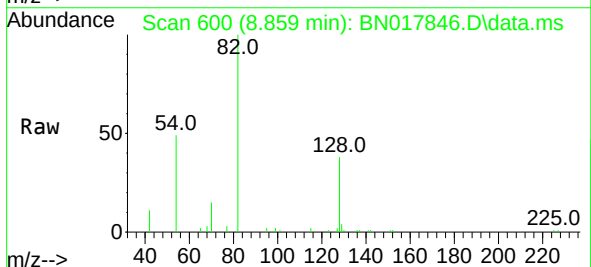
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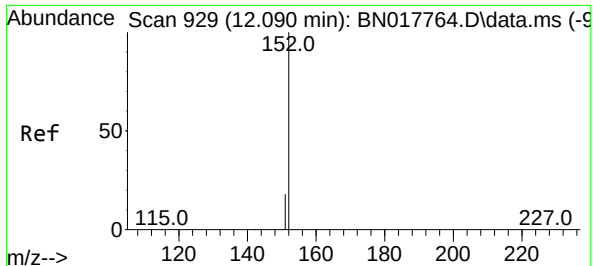
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#8
Nitrobenzene-d5
Concen: 0.248 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.001 min
Lab File: BN017846.D
Acq: 09 Dec 2021 22:06

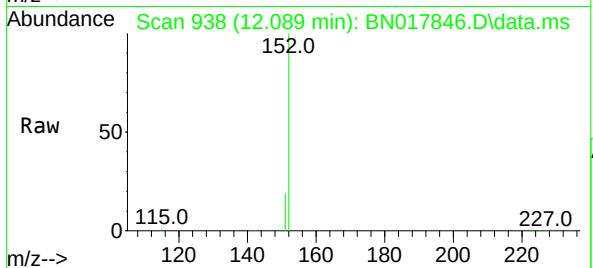
Tgt Ion:	82	Resp:	13178
Ion Ratio	Lower	Upper	
82	100		
128	37.9	30.2	45.2
54	48.8	39.0	58.6





#11
2-Methylnaphthalene-d10
Concen: 0.233 ng
RT: 12.089 min Scan# 911
Delta R.T. -0.001 min
Lab File: BN017846.D
Acq: 09 Dec 2021 22:06

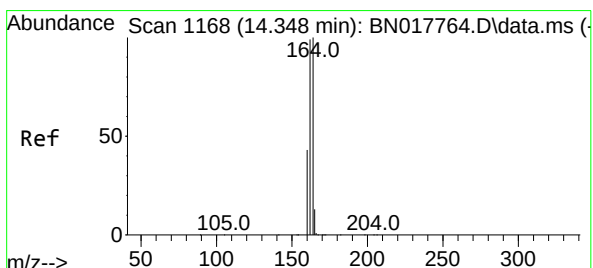
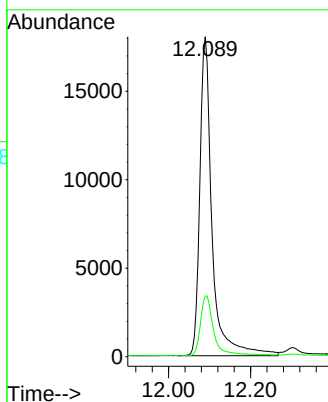
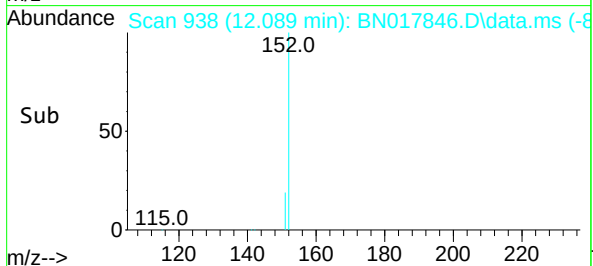
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BNA_N
ClientSampleId :
RE103D3-20211130



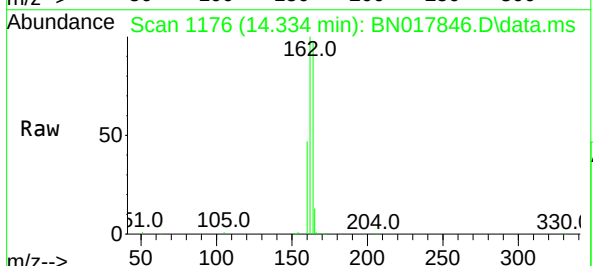
Tgt Ion:152 Resp: 3727
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6

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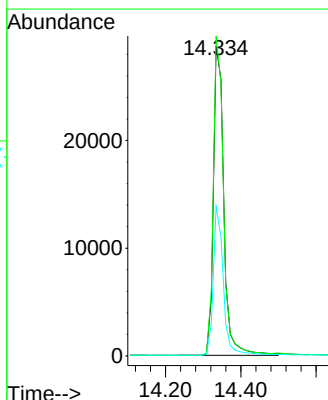
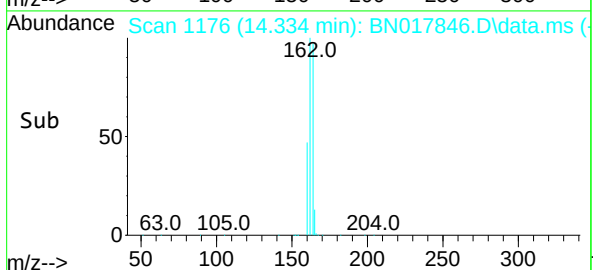
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

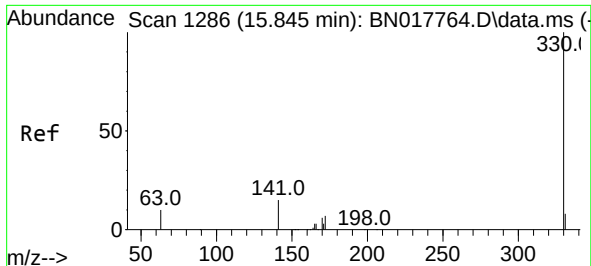


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.013 min
Lab File: BN017846.D
Acq: 09 Dec 2021 22:06



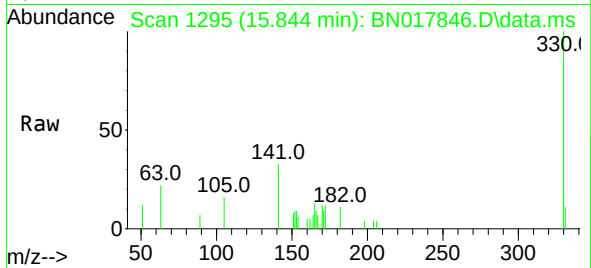
Tgt Ion:164 Resp: 55101
Ion Ratio Lower Upper
164 100
162 103.3 79.0 118.6
160 48.2 34.6 52.0





#14
2,4,6-Tribromophenol
Concen: 0.128 ng
RT: 15.844 min Scan# 1067
Delta R.T. -0.001 min
Lab File: BN017846.D
Acq: 09 Dec 2021 22:06

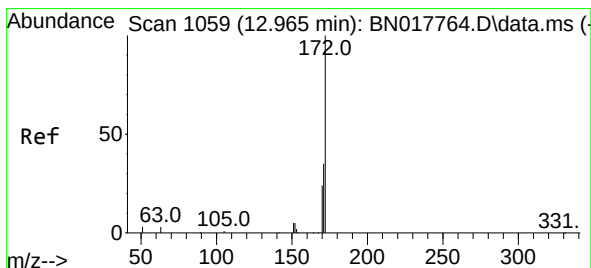
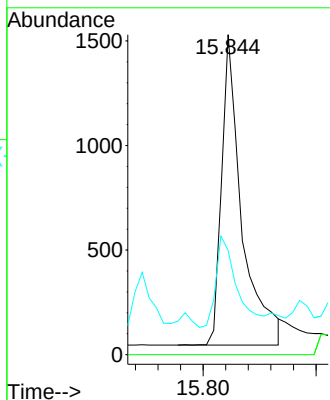
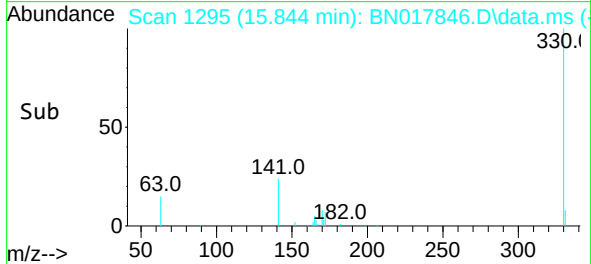
Instrument :
BNA_N
ClientSampleId :
RE103D3-20211130



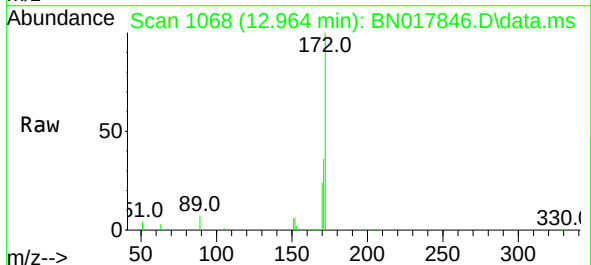
Tgt Ion:330 Resp: 369
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.3 21.5 32.3

Manual Integrations
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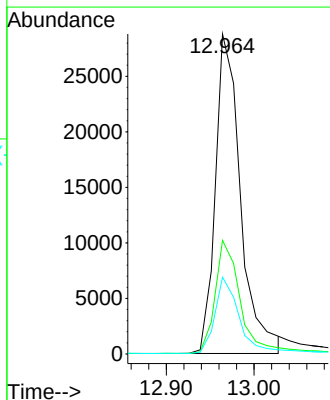
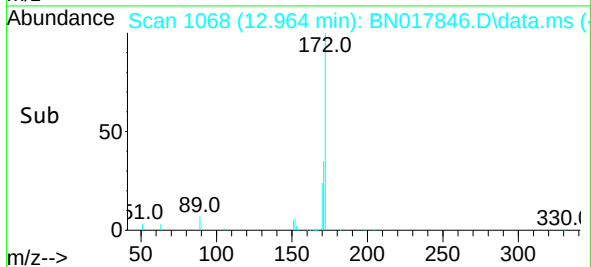
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

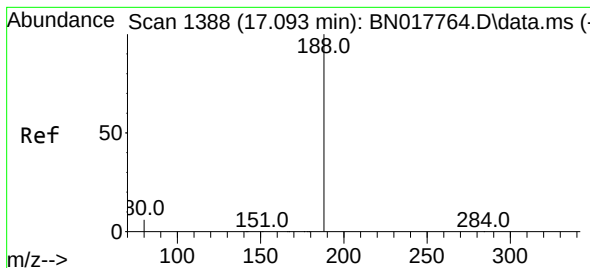


#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.001 min
Lab File: BN017846.D
Acq: 09 Dec 2021 22:06



Tgt Ion:172 Resp: 57383
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 24.0 18.9 28.3





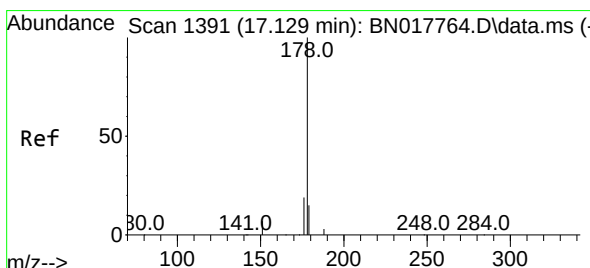
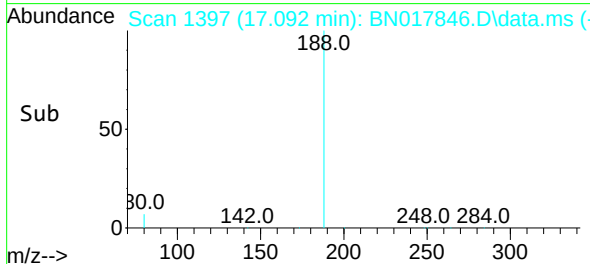
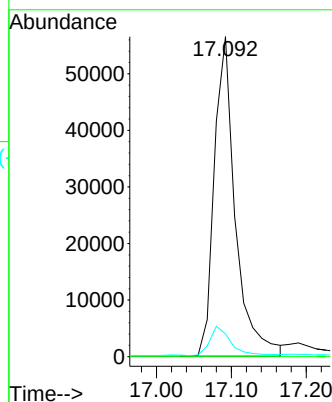
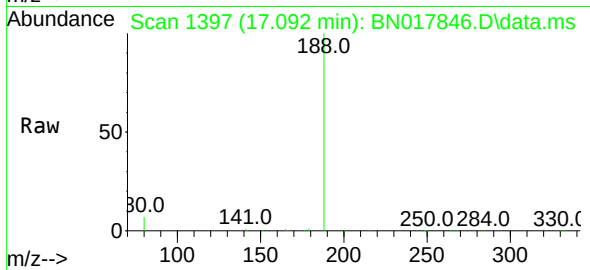
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.001 min
Lab File: BN017846.D
Acq: 09 Dec 2021 22:06

Instrument :
BNA_N
ClientSampleId :
RE103D3-20211130

Tgt Ion:188 Resp: 110392
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.1 5.1 7.7

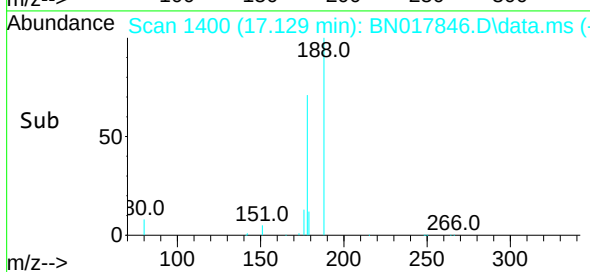
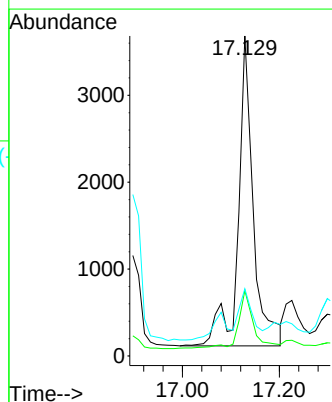
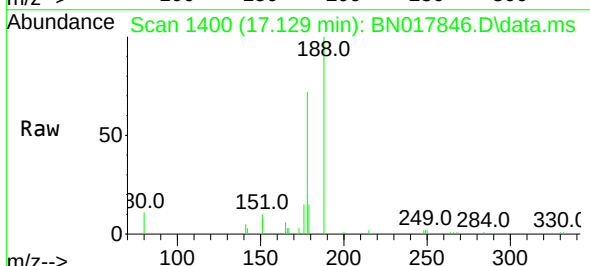
Manual Integrations
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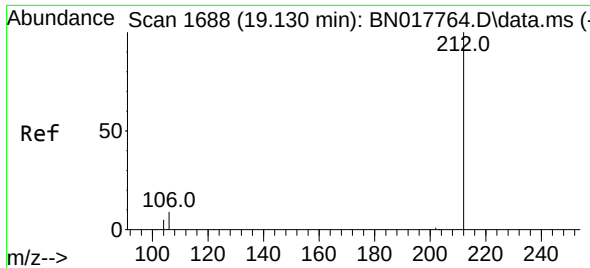
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#25
Phenanthrene
Concen: 0.027 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.001 min
Lab File: BN017846.D
Acq: 09 Dec 2021 22:06

Tgt Ion:178 Resp: 7732
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 11.4 12.5 18.7#





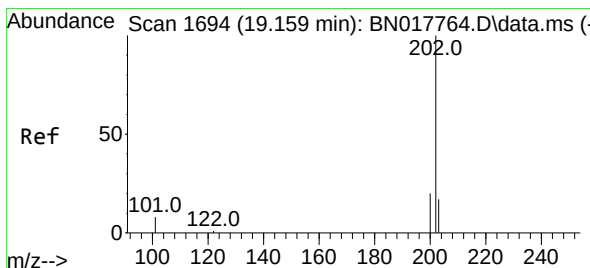
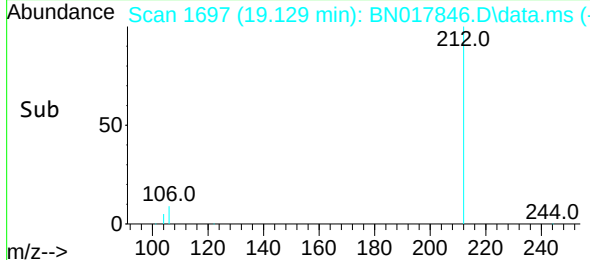
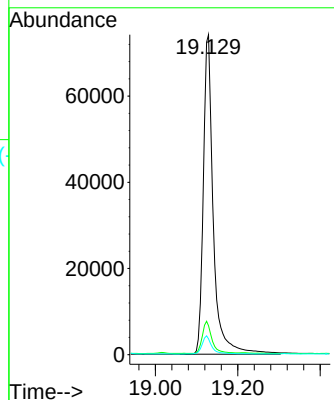
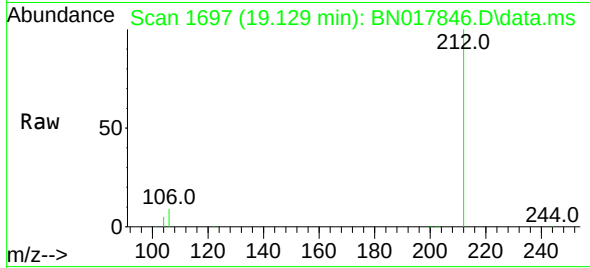
#27
Fluoranthene-d10
Concen: 0.339 ng
RT: 19.129 min Scan# 1702
Delta R.T. -0.001 min
Lab File: BN017846.D
Acq: 09 Dec 2021 22:06

Instrument :
BNA_N
ClientSampleId :
RE103D3-20211130

Tgt Ion:212 Resp: 12519
Ion Ratio Lower Upper
212 100
106 9.7 8.2 12.2
104 5.5 4.6 6.8

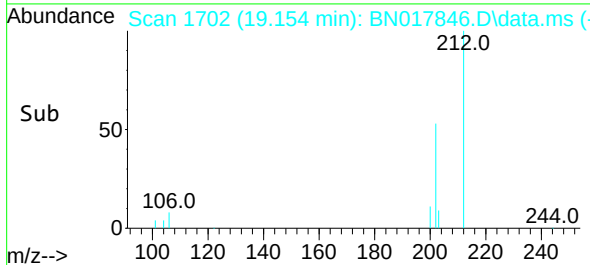
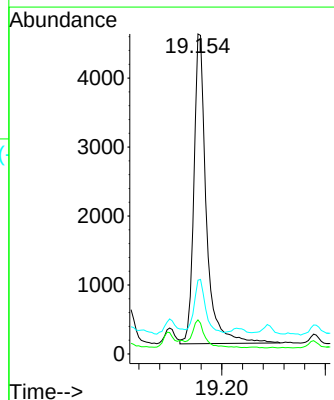
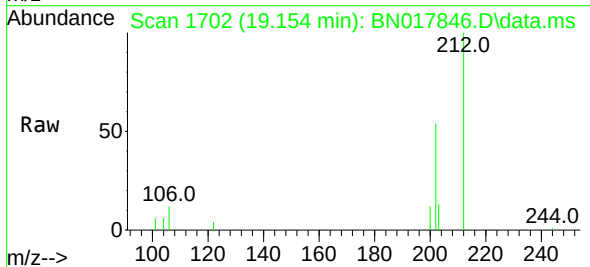
Manual Integrations
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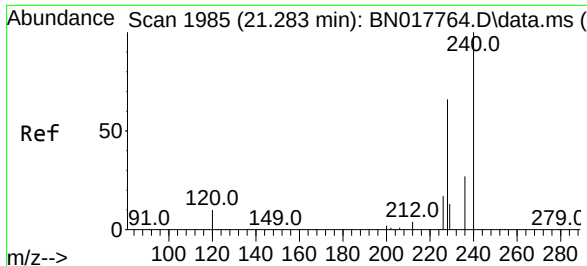
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#28
Fluoranthene
Concen: 0.021 ng
RT: 19.154 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BN017846.D
Acq: 09 Dec 2021 22:06

Tgt Ion:202 Resp: 7505
Ion Ratio Lower Upper
202 100
101 9.2 7.2 10.8
203 16.6 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.293 min Scan# 1985

Delta R.T. 0.010 min

Lab File: BN017846.D

Acq: 09 Dec 2021 22:06

Instrument :

BNA_N

ClientSampleId :

RE103D3-20211130

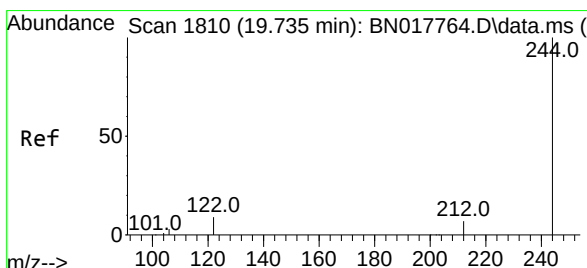
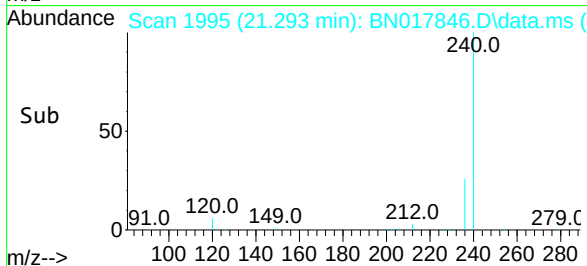
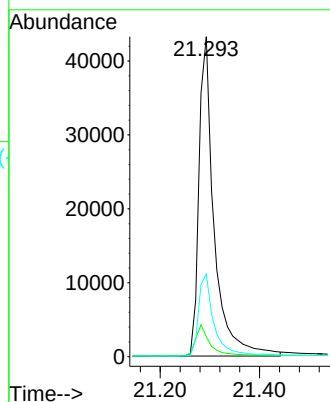
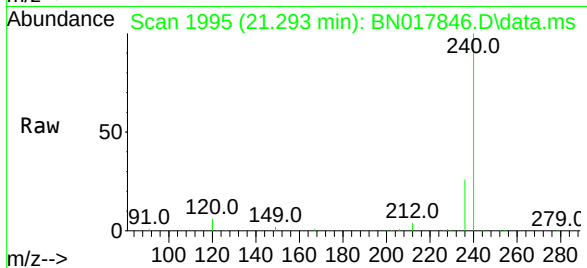
Tgt Ion:240 Resp: 9169

Ion	Ratio	Lower	Upper
240	100		
120	6.2	7.9	11.9
236	25.9	21.4	32.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#31

Terphenyl-d14

Concen: 0.507 ng

RT: 19.730 min Scan# 1818

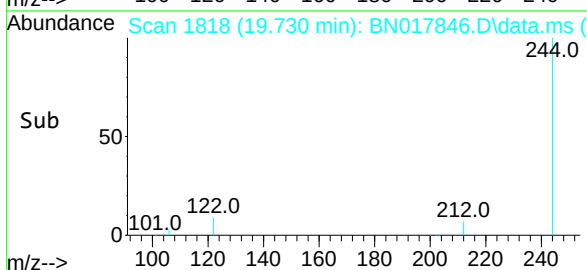
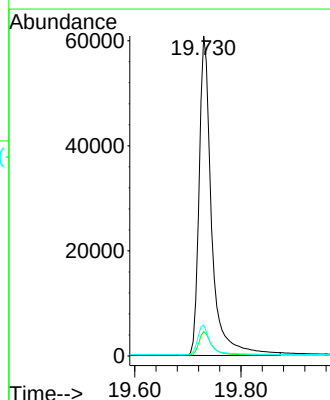
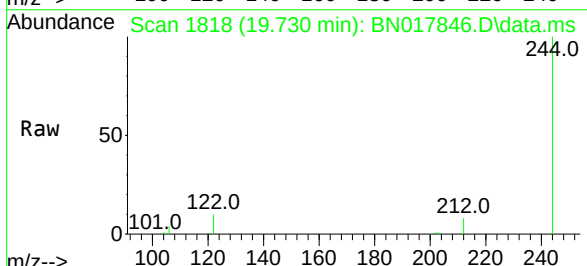
Delta R.T. -0.006 min

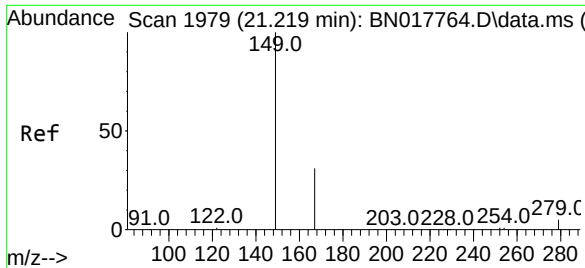
Lab File: BN017846.D

Acq: 09 Dec 2021 22:06

Tgt Ion:244 Resp: 99849

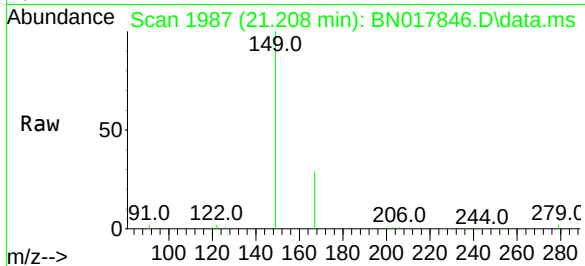
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	9.7	7.1	10.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.236 ng
RT: 21.208 min Scan# 1979
Delta R.T. -0.011 min
Lab File: BN017846.D
Acq: 09 Dec 2021 22:06

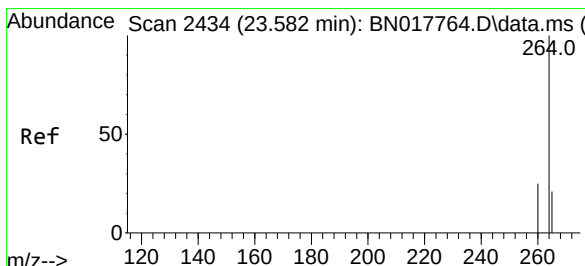
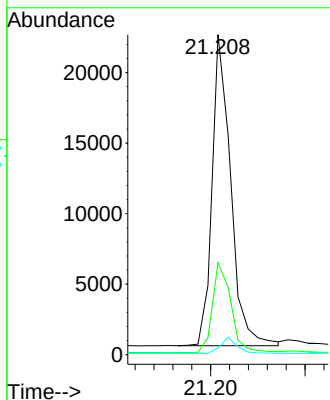
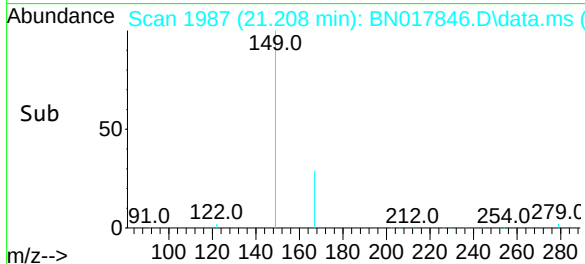
Instrument :
BNA_N
ClientSampleId :
RE103D3-20211130



Tgt Ion:149 Resp: 30148
Ion Ratio Lower Upper
149 100
167 28.8 23.5 35.3
279 4.7 3.8 5.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 2445
Delta R.T. 0.006 min
Lab File: BN017846.D
Acq: 09 Dec 2021 22:06

Tgt Ion:264 Resp: 54615
Ion Ratio Lower Upper
264 100
260 25.3 20.0 30.0
265 23.5 20.5 30.7

