

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017811.D
 Acq On : 08 Dec 2021 22:01
 Operator : CG/JU
 Sample : M4922-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20211129

Quant Time: Dec 09 11:05:36 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 :mohammad ahmed 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20328	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	84323	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	60433	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	126820	0.400	ng	0.00
29) Chrysene-d12	21.293	240	120640	0.400	ng	# 0.01
35) Perylene-d12	23.589	264	98014	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5543	0.113	ng	0.00
5) Phenol-d6	6.903	99	3089	0.066	ng	0.00
8) Nitrobenzene-d5	8.859	82	16126	0.287	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	41639	0.248	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	6313	0.200	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	63776	0.288	ng	0.00
27) Fluoranthene-d10	19.129	212	136318	0.322	ng	0.00
31) Terphenyl-d14	19.735	244	118477	0.457	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	27653m	3.696	ng	Qvalue 99
25) Phenanthrene	17.129	178	6845m	0.021	ng	
34) Bis(2-ethylhexyl)phtha...	21.219	149	18005	0.107	ng	

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

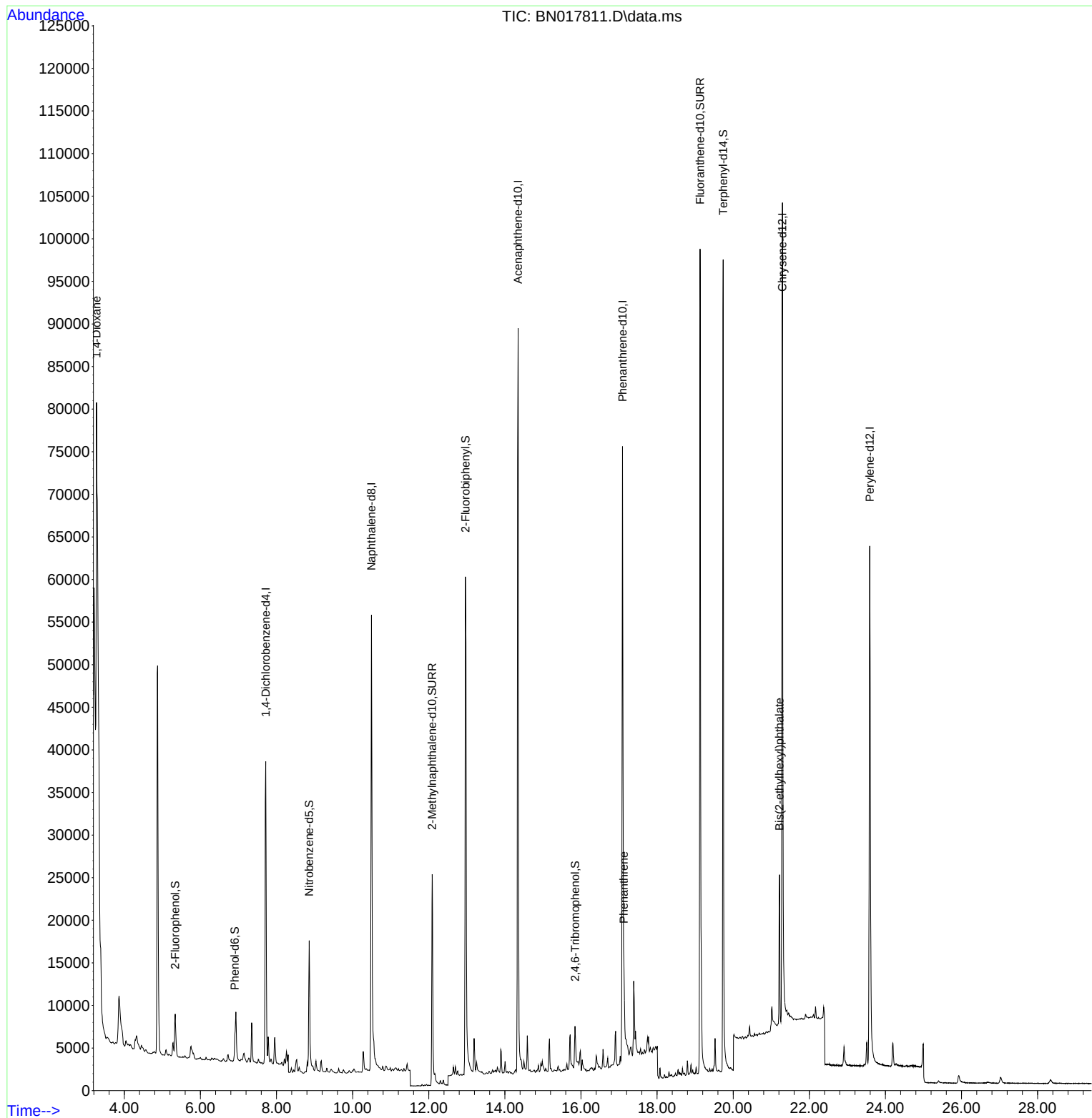
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
Data File : BN017811.D
Acq On : 08 Dec 2021 22:01
Operator : CG/JU
Sample : M4922-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

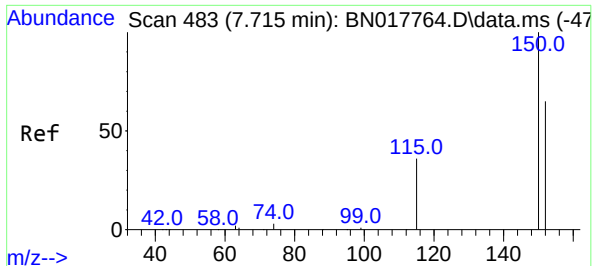
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RE132D3-20211129

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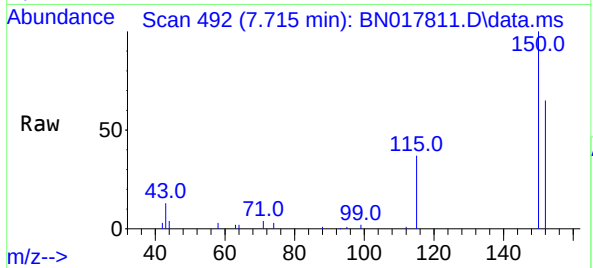
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Supervised By :mohammad ahmed 12/15/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017811.D
Acq: 08 Dec 2021 22:01

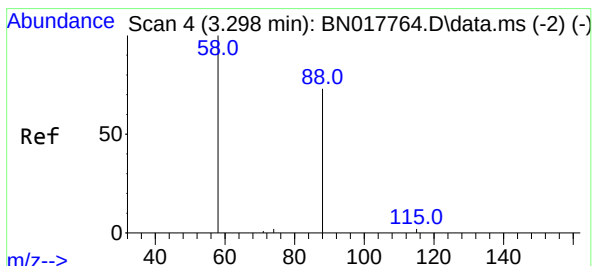
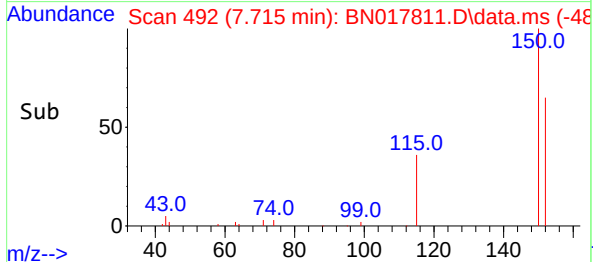
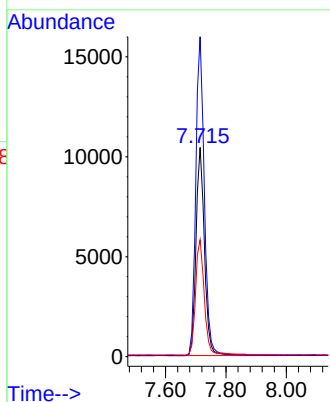
Instrument :
BNA_N
ClientSampleId :
RE132D3-20211129



Tgt Ion:152 Resp: 20328
Ion Ratio Lower Upper
152 100
150 152.9 123.0 184.4
115 55.9 45.3 67.9

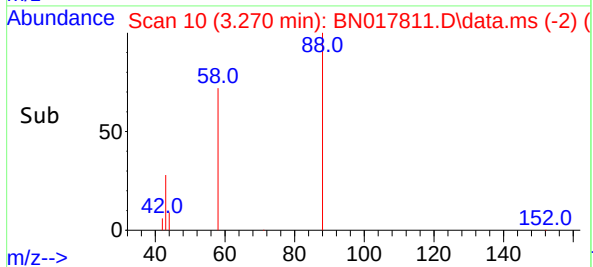
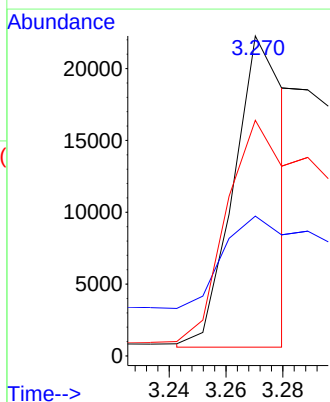
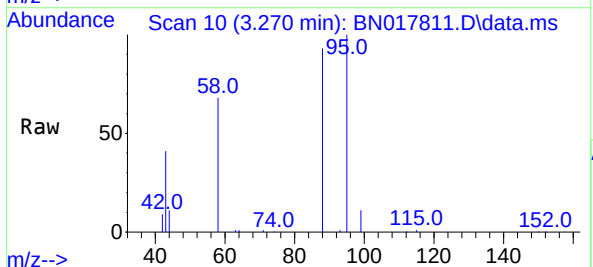
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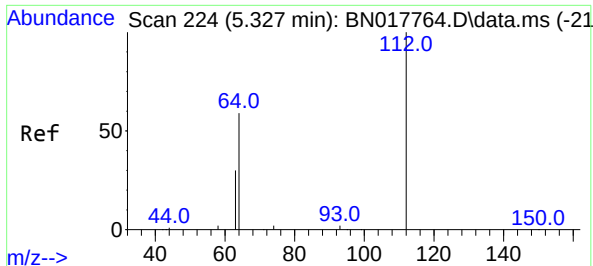
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Supervised By :mohammad ahmed 12/15/2021



#2
1,4-Dioxane
Concen: 3.696 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017811.D
Acq: 08 Dec 2021 22:01

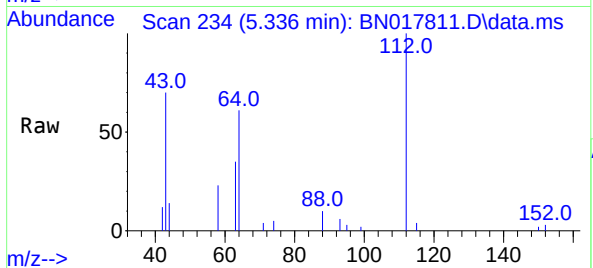
Tgt Ion: 88 Resp: 27653
Ion Ratio Lower Upper
88 100
43 69.6 0.0 0.0#
58 169.3 0.0 0.0#





#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017811.D
Acq: 08 Dec 2021 22:01

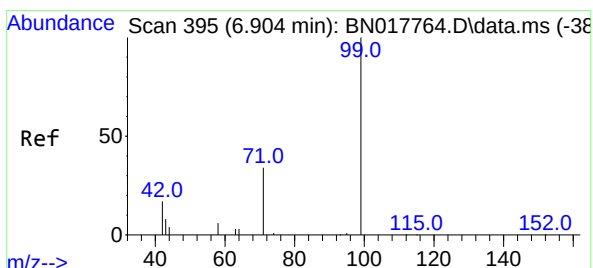
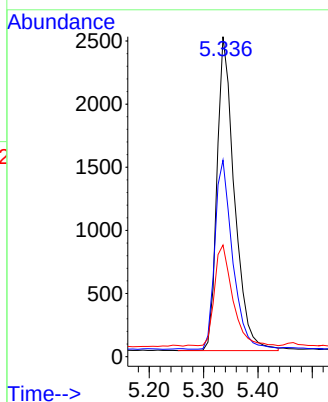
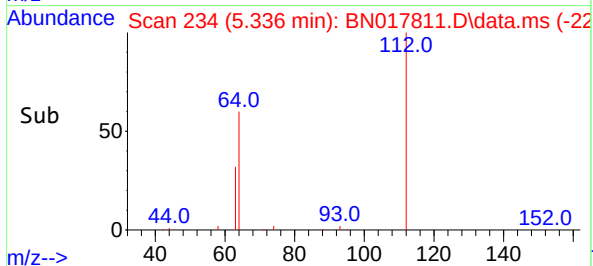
Instrument :
BNA_N
ClientSampleId :
RE132D3-20211129



Tgt Ion:112 Resp: 554
Ion Ratio Lower Upper
112 100
64 61.3 49.3 73.9
63 33.8 25.8 38.8

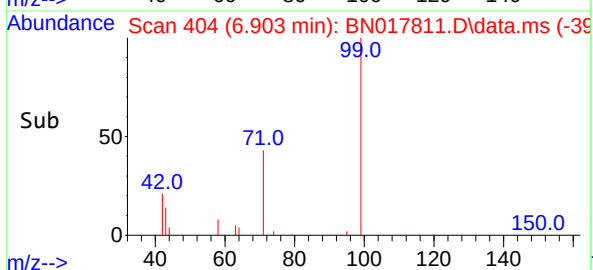
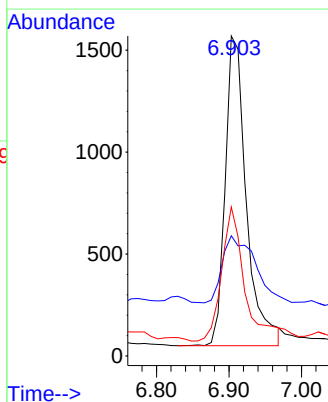
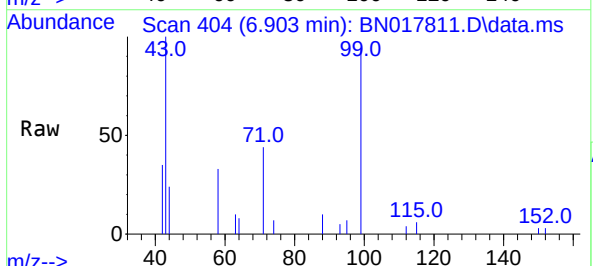
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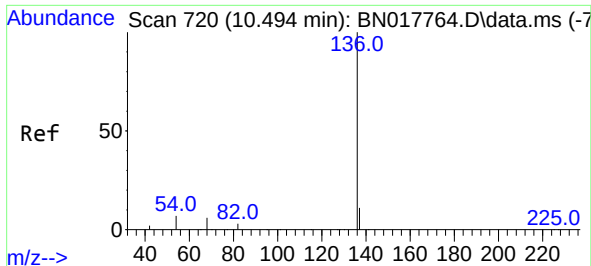
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.000 min
Lab File: BN017811.D
Acq: 08 Dec 2021 22:01

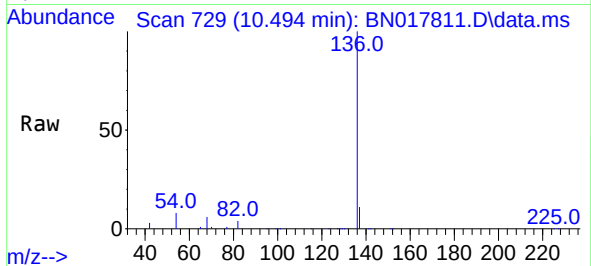
Tgt Ion: 99 Resp: 3089
Ion Ratio Lower Upper
99 100
42 32.9 16.6 25.0#
71 46.2 29.0 43.4#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017811.D
Acq: 08 Dec 2021 22:01

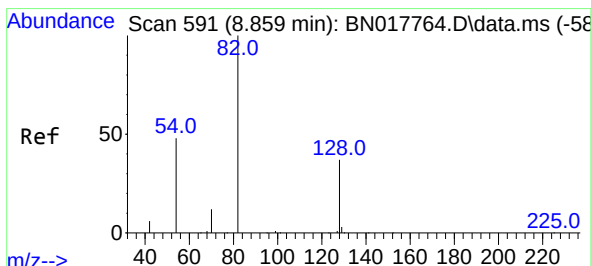
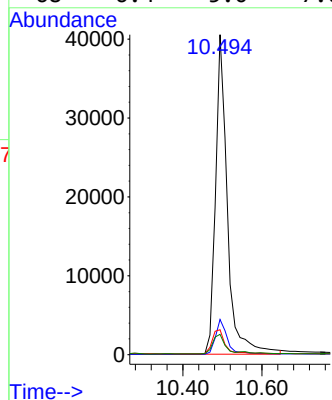
Instrument :
BNA_N
ClientSampleId :
RE132D3-20211129



Tgt Ion:	136	Resp:	8432
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.8	5.9	8.9
68	6.4	5.0	7.6

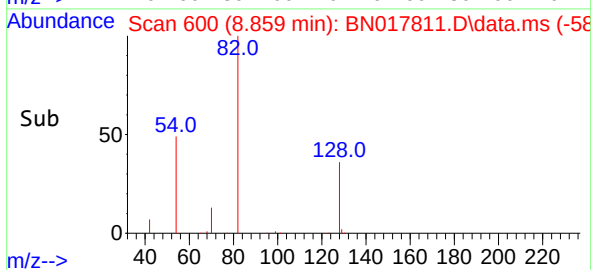
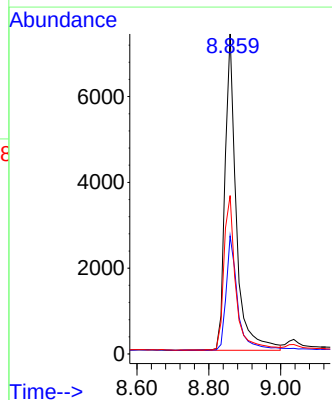
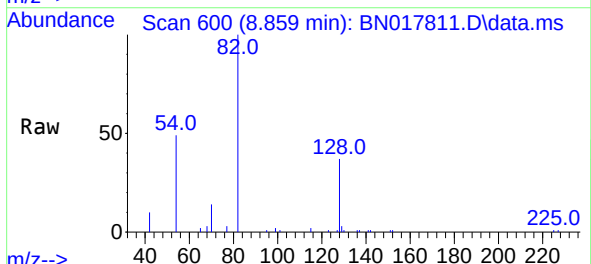
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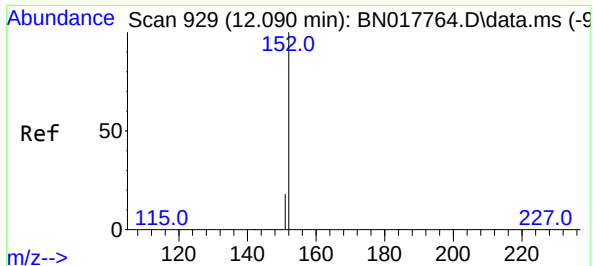
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#8
Nitrobenzene-d5
Concen: 0.287 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017811.D
Acq: 08 Dec 2021 22:01

Tgt Ion:	82	Resp:	16126
Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.2	45.2
54	49.5	39.0	58.6





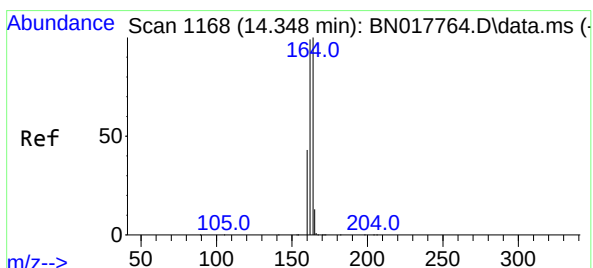
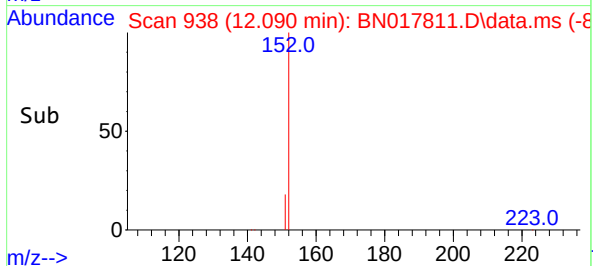
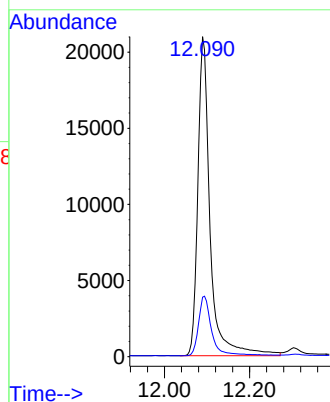
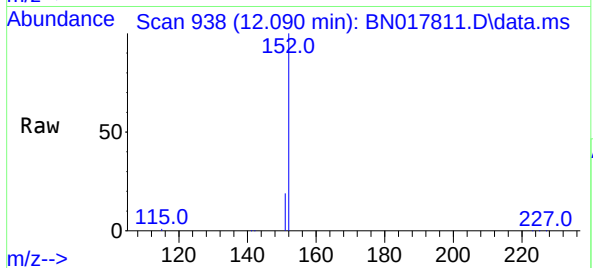
#11
2-Methylnaphthalene-d10
Concen: 0.248 ng
RT: 12.090 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN017811.D
Acq: 08 Dec 2021 22:01

Instrument :
BNA_N
ClientSampleId :
RE132D3-20211129

Tgt Ion:152 Resp: 41639
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6

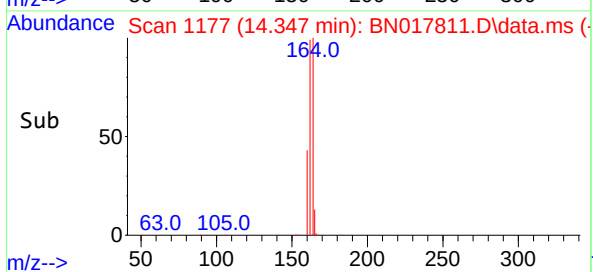
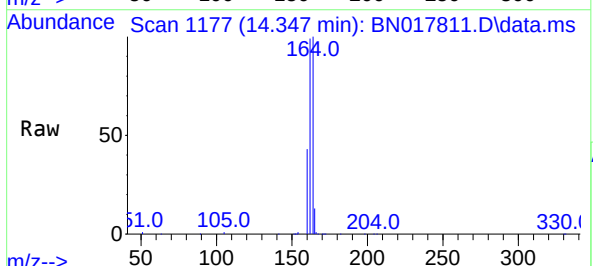
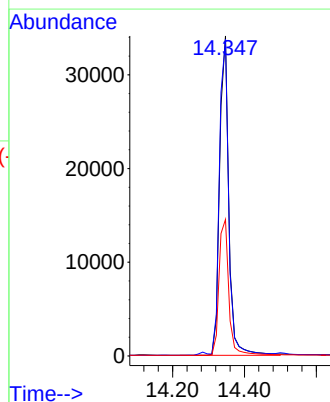
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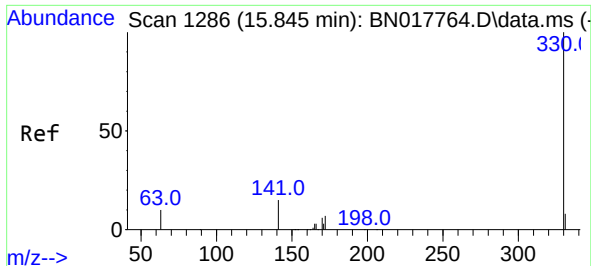
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Supervised By :mohammad ahmed 12/15/2021



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BN017811.D
Acq: 08 Dec 2021 22:01

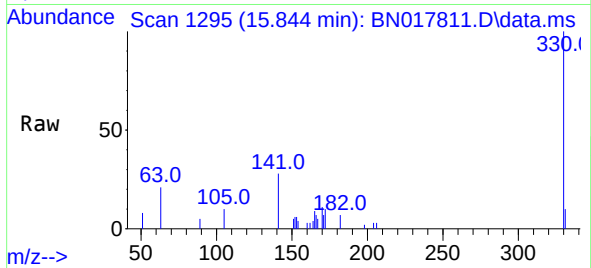
Tgt Ion:164 Resp: 60433
Ion Ratio Lower Upper
164 100
162 98.9 79.0 118.6
160 42.7 34.6 52.0





#14
2,4,6-Tribromophenol
Concen: 0.200 ng
RT: 15.844 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017811.D
Acq: 08 Dec 2021 22:01

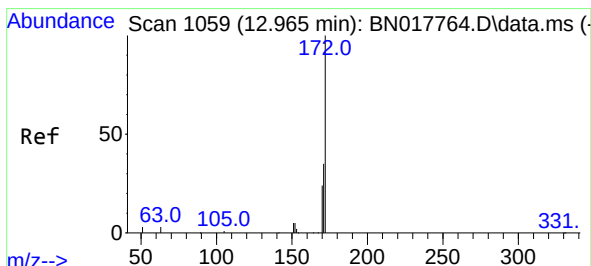
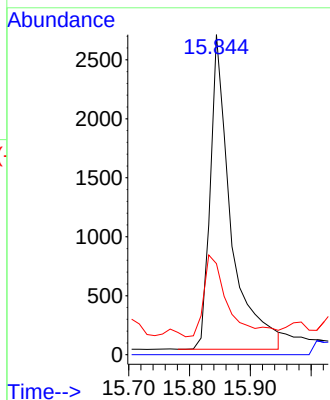
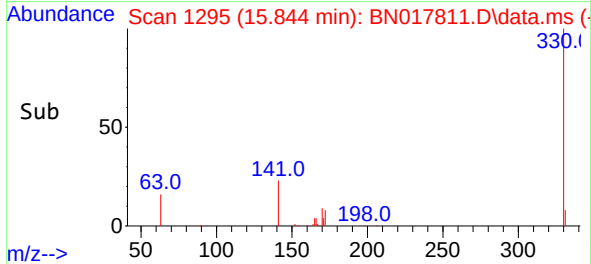
Instrument :
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ClientSampleId :
RE132D3-20211129



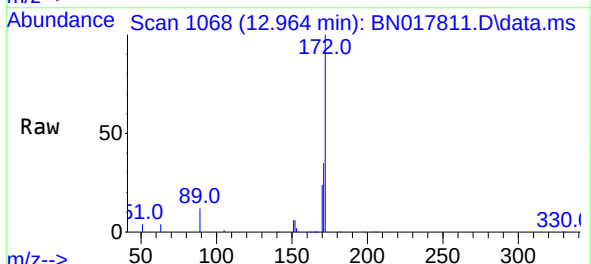
Tgt Ion:330 Resp: 6311
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.4 21.5 32.3

Manual Integrations
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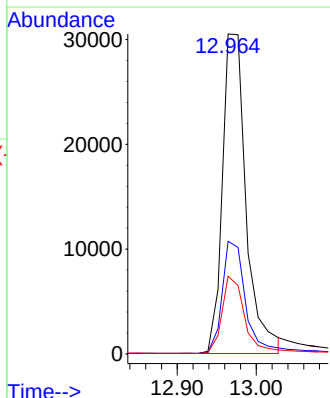
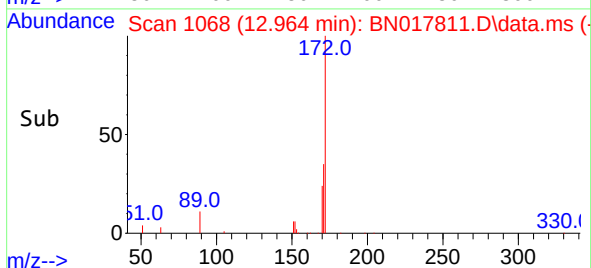
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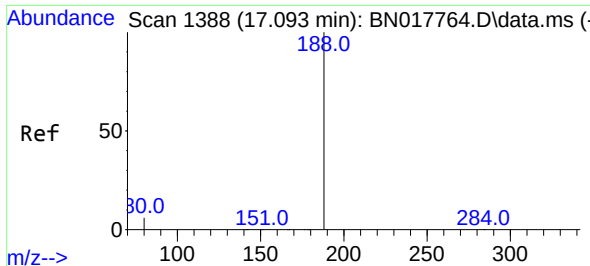


#15
2-Fluorobiphenyl
Concen: 0.288 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017811.D
Acq: 08 Dec 2021 22:01



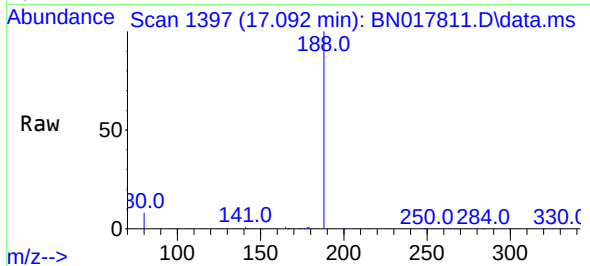
Tgt Ion:172 Resp: 63776
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 24.3 18.9 28.3





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017811.D
Acq: 08 Dec 2021 22:01

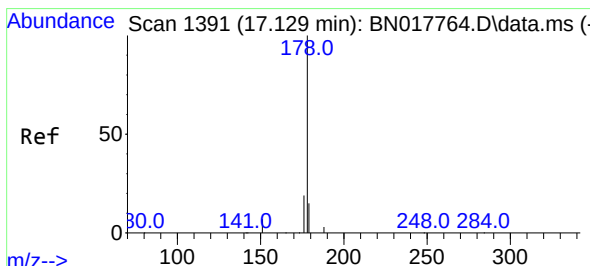
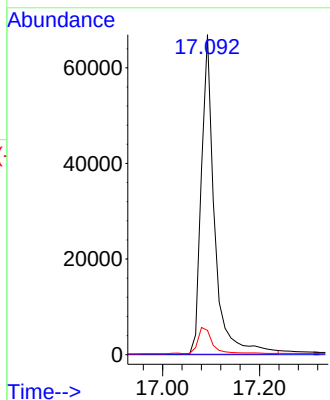
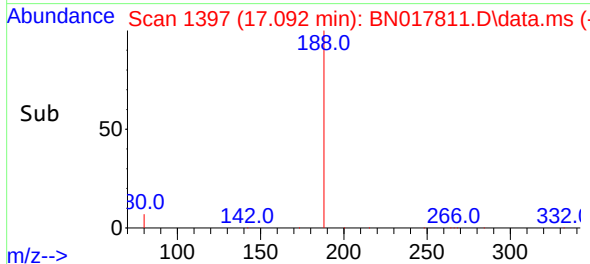
Instrument :
BNA_N
ClientSampleId :
RE132D3-20211129



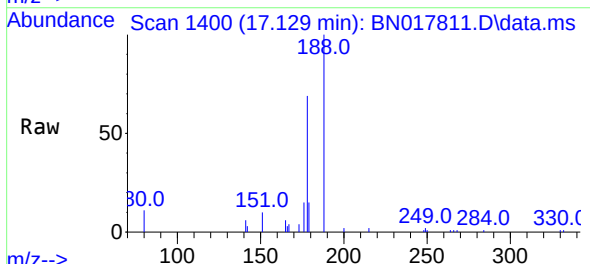
Tgt Ion:188 Resp: 126820
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 5.1 7.7

Manual Integrations
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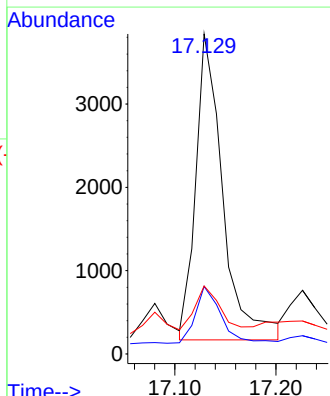
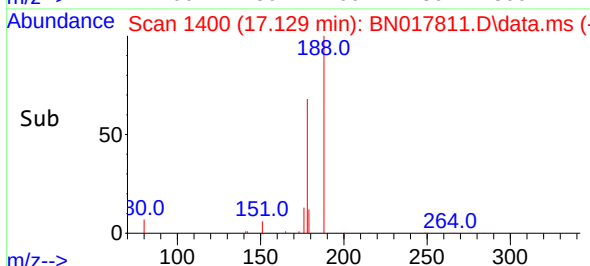
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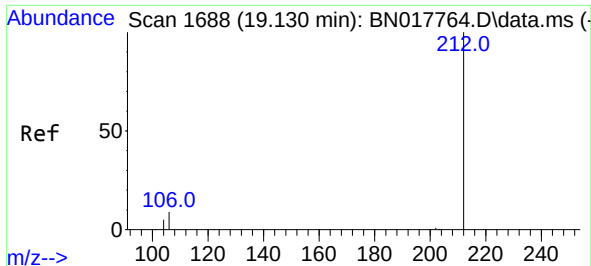


#25
Phenanthrene
Concen: 0.021 ng m
RT: 17.129 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN017811.D
Acq: 08 Dec 2021 22:01



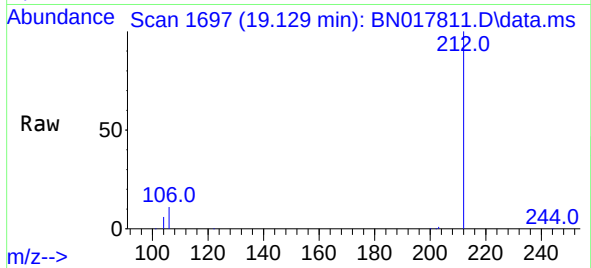
Tgt Ion:178 Resp: 6845
Ion Ratio Lower Upper
178 100
176 22.8 15.0 22.6#
179 14.3 12.5 18.7





#27
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017811.D
Acq: 08 Dec 2021 22:01

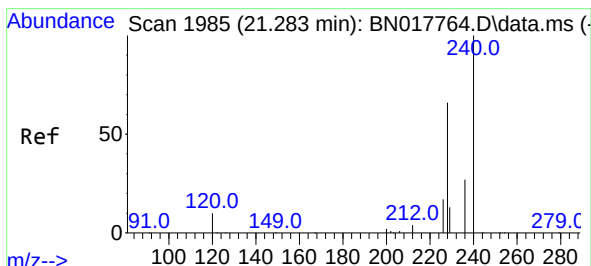
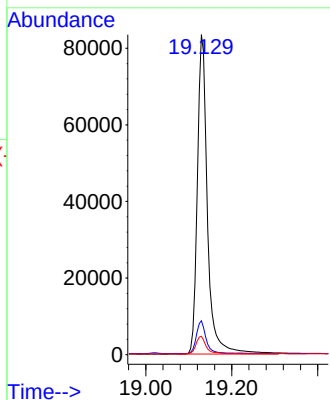
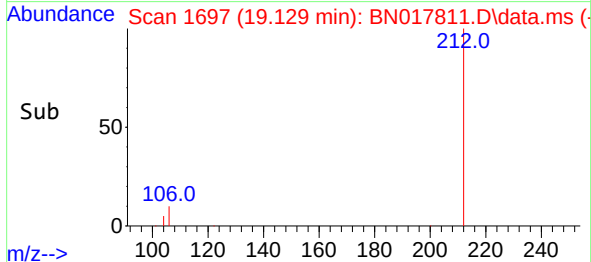
Instrument :
BNA_N
ClientSampleId :
RE132D3-20211129



Tgt Ion:212 Resp: 136318
Ion Ratio Lower Upper
212 100
106 9.8 8.2 12.2
104 5.6 4.6 6.8

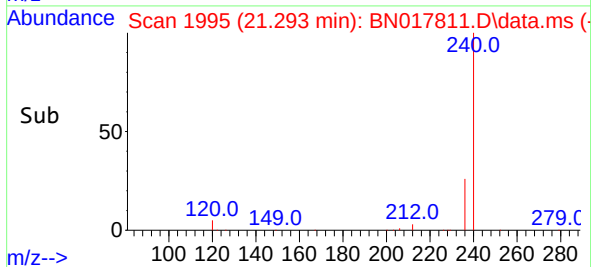
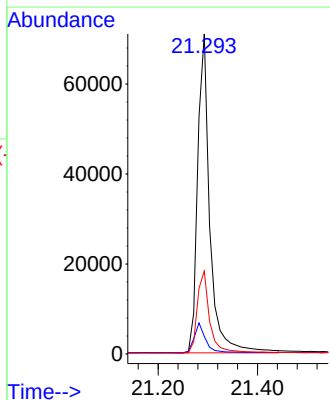
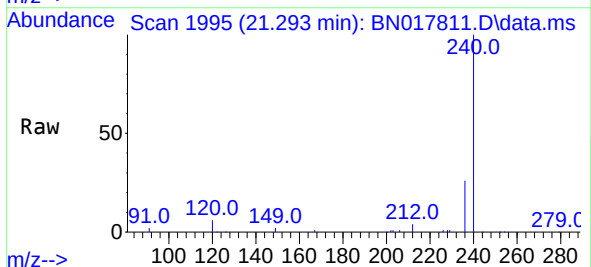
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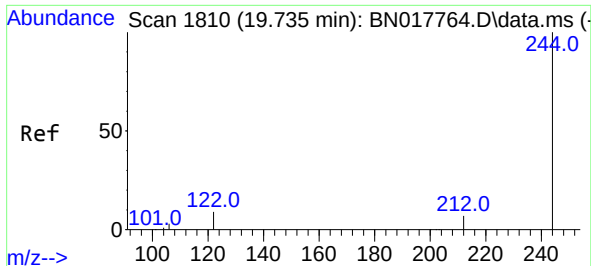
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.010 min
Lab File: BN017811.D
Acq: 08 Dec 2021 22:01

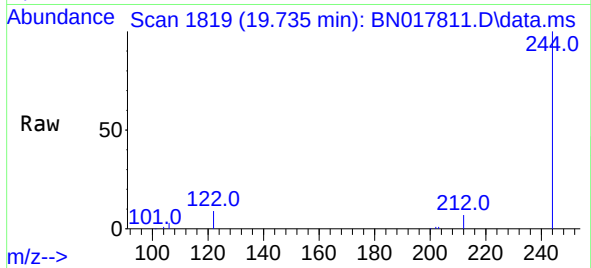
Tgt Ion:240 Resp: 120640
Ion Ratio Lower Upper
240 100
120 5.5 7.9 11.9#
236 25.9 21.4 32.2





#31
Terphenyl-d14
Concen: 0.457 ng
RT: 19.735 min Scan# 11847
Delta R.T. -0.000 min
Lab File: BN017811.D
Acq: 08 Dec 2021 22:01

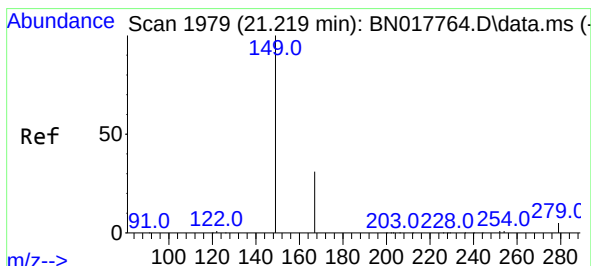
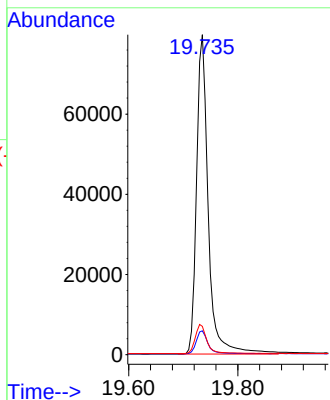
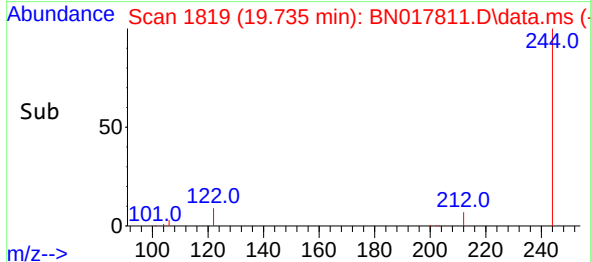
Instrument :
BNA_N
ClientSampleId :
RE132D3-20211129



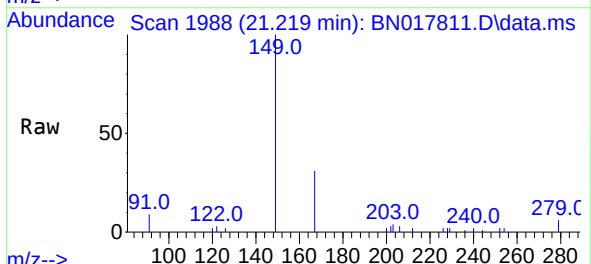
Tgt Ion:244 Resp: 11847
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 8.9 7.1 10.7

Manual Integrations
APPROVED

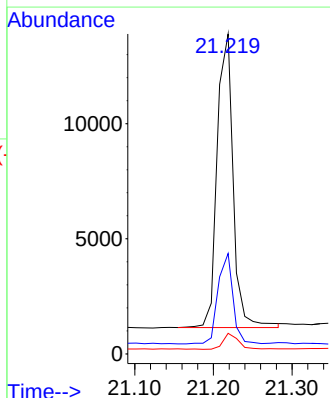
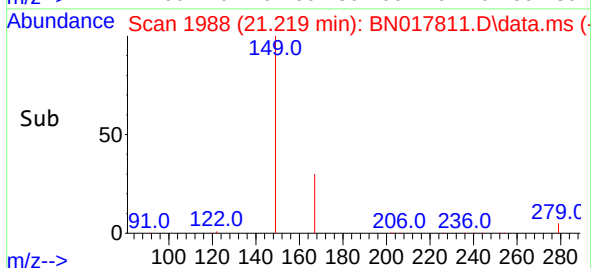
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021

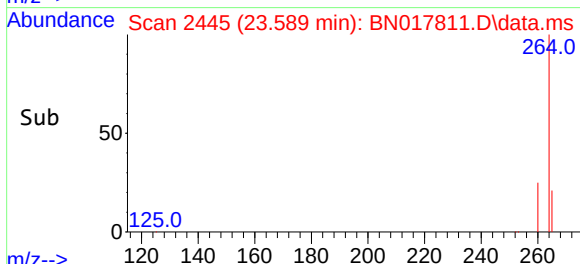
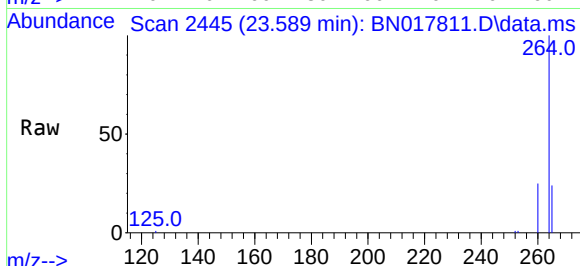
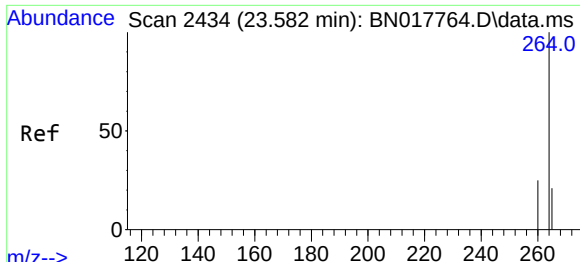


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.107 ng
RT: 21.219 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BN017811.D
Acq: 08 Dec 2021 22:01



Tgt Ion:149 Resp: 18005
Ion Ratio Lower Upper
149 100
167 28.6 23.5 35.3
279 5.2 3.8 5.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.589 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: BN017811.D
 Acq: 08 Dec 2021 22:01

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20211129

Tgt Ion:264 Resp: 98014

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	24.3	20.5	30.7

Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :mohammad ahmed 12/15/2021

