

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017801.D
 Acq On : 08 Dec 2021 15:59
 Operator : CG/JU
 Sample : M4924-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20211202

Quant Time: Dec 09 11:04:10 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
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Reviewed By :Jagrut Upadhyay 12/09/2021
 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	19323	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	78035	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	53784	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	113061	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	112757	0.400	ng	# 0.01
35) Perylene-d12	23.592	264	93266	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.345	112	6372	0.137	ng	0.02
5) Phenol-d6	6.913	99	3373	0.076	ng	0.00
8) Nitrobenzene-d5	8.859	82	16734	0.322	ng	0.00
11) 2-Methylnaphthalene-d10	12.094	152	40063	0.257	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	1406	0.050	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	61054	0.310	ng	0.01
27) Fluoranthene-d10	19.129	212	146662	0.388	ng	0.00
31) Terphenyl-d14	19.735	244	123782	0.511	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.280	88	2334m	0.328	ng	Qvalue
9) Naphthalene	10.545	128	8041	0.039	ng	96
12) 2-Methylnaphthalene	12.165	142	5993	0.041	ng	97
34) Bis(2-ethylhexyl)phtha...	21.219	149	28882	0.184	ng	99

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

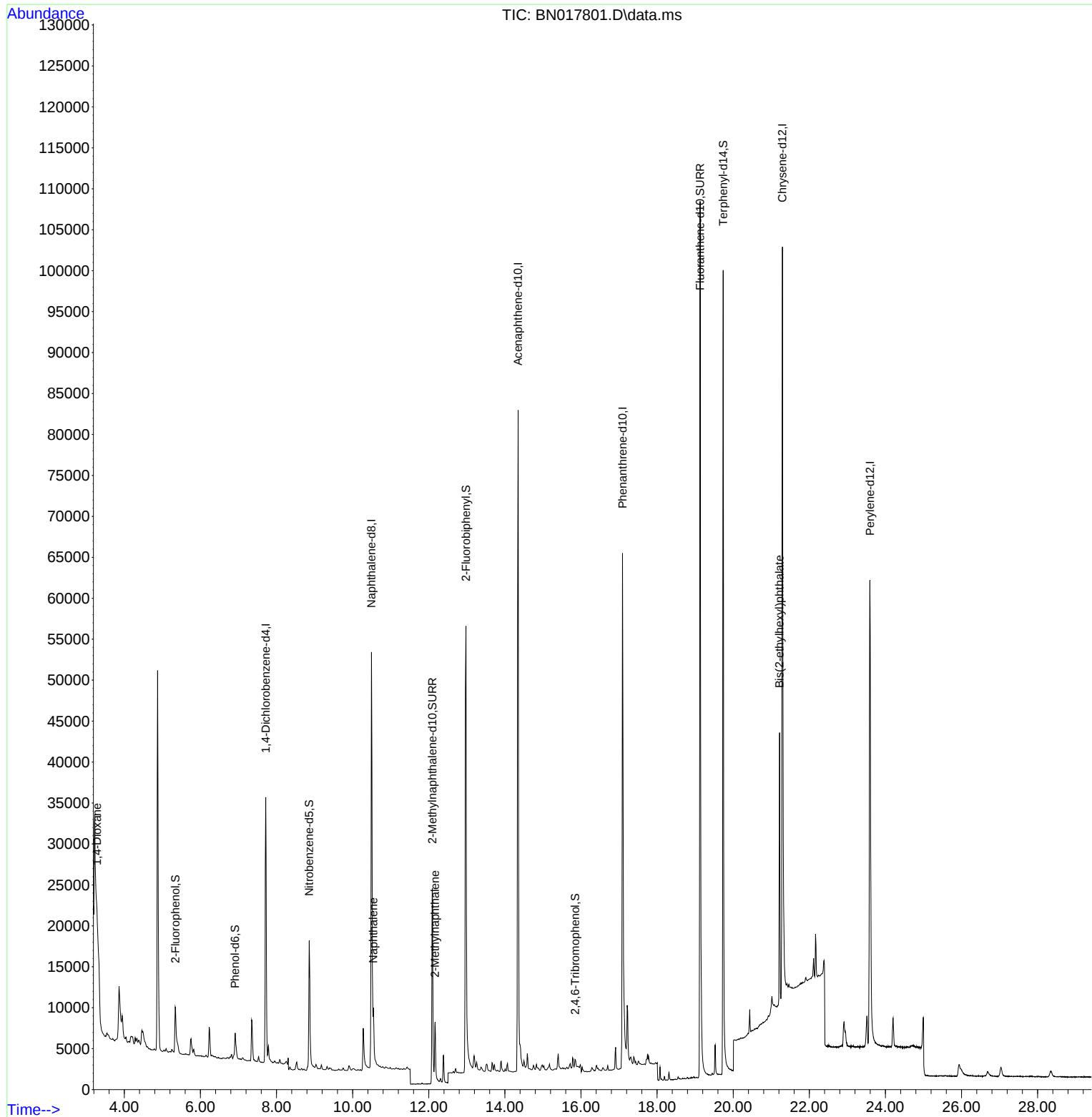
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
Data File : BN017801.D
Acq On : 08 Dec 2021 15:59
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Misc :
ALS Vial : 6 Sample Multiplier: 1

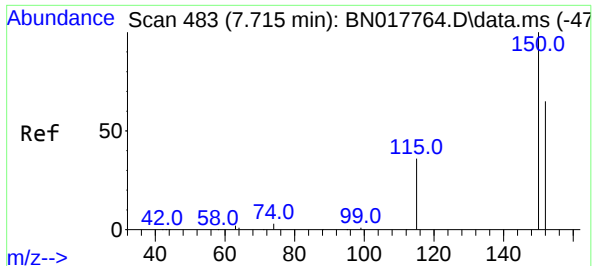
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
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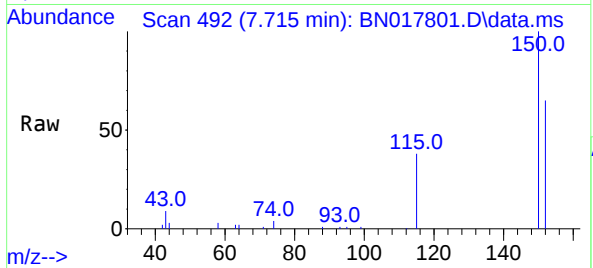
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

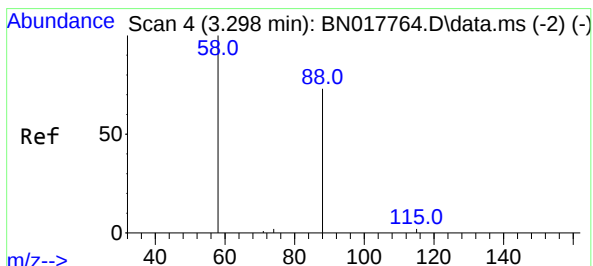
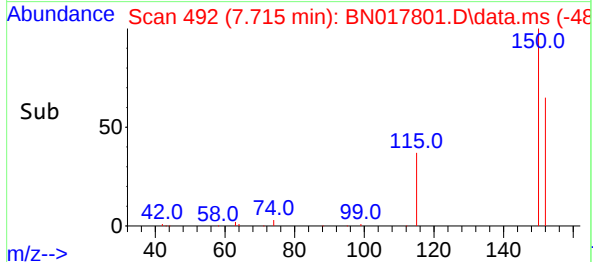
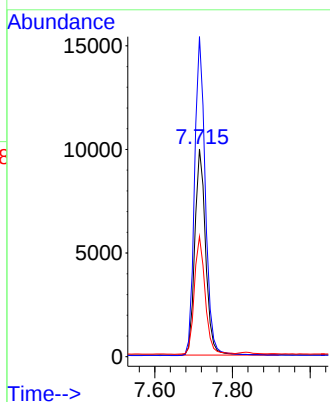
Instrument :
BNA_N
ClientSampleId :
RE135D3-20211202



Tgt Ion:152 Resp: 1932
Ion Ratio Lower Upper
152 100
150 154.1 123.0 184.4
115 57.9 45.3 67.9

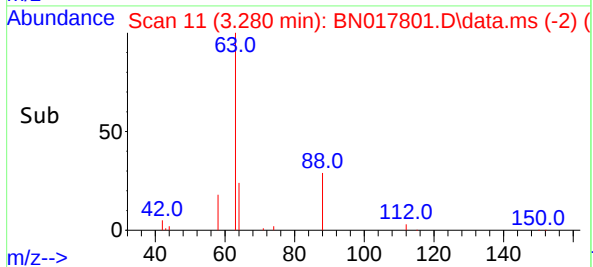
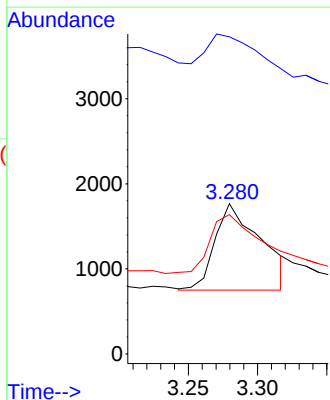
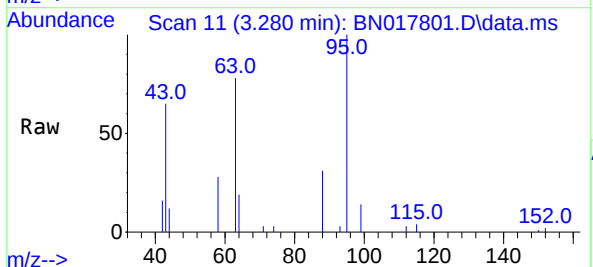
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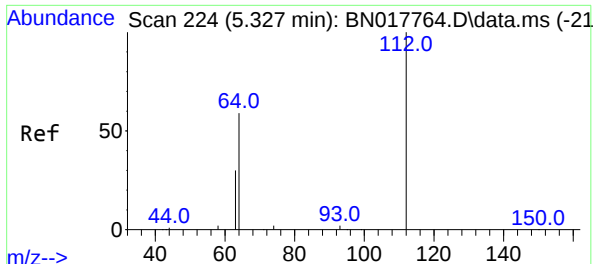
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#2
1,4-Dioxane
Concen: 0.328 ng m
RT: 3.280 min Scan# 11
Delta R.T. -0.019 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

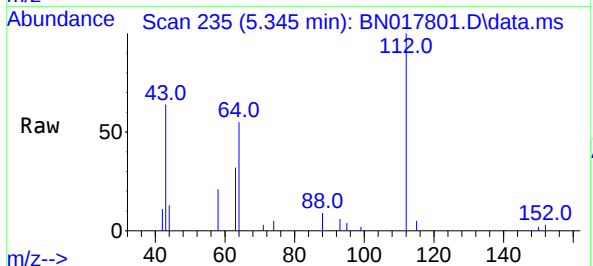
Tgt Ion: 88 Resp: 2334
Ion Ratio Lower Upper
88 100
43 54.3 0.0 0.0#
58 78.4 0.0 0.0#





#4
2-Fluorophenol
Concen: 0.137 ng
RT: 5.345 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

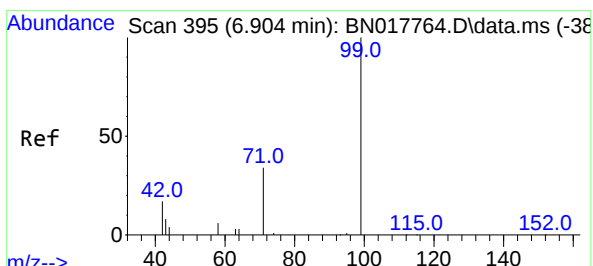
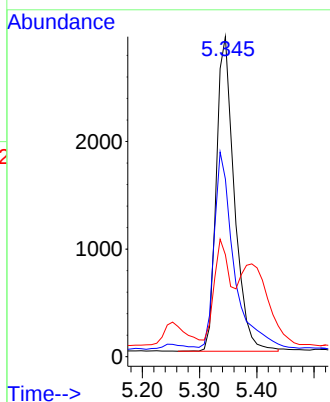
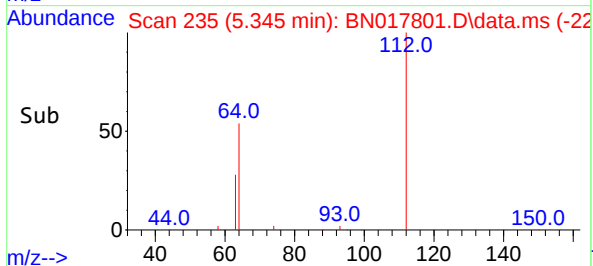
Instrument :
BNA_N
ClientSampleId :
RE135D3-20211202



Tgt Ion:112 Resp: 6372
Ion Ratio Lower Upper
112 100
64 67.0 49.3 73.9
63 29.8 25.8 38.8

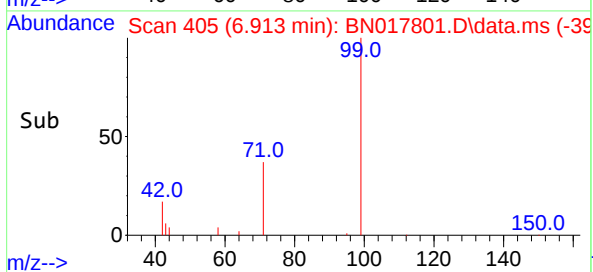
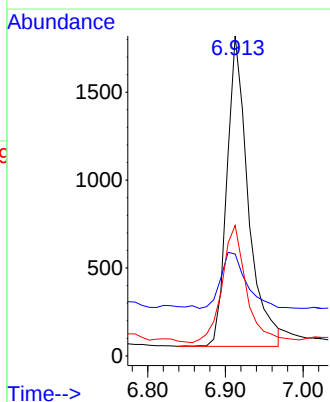
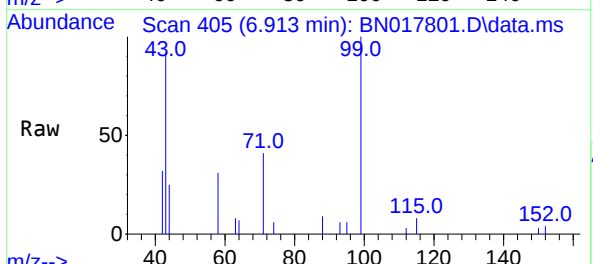
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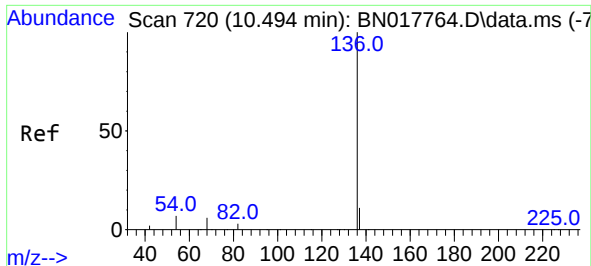
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#5
Phenol-d6
Concen: 0.076 ng
RT: 6.913 min Scan# 405
Delta R.T. 0.009 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

Tgt Ion: 99 Resp: 3373
Ion Ratio Lower Upper
99 100
42 21.3 16.6 25.0
71 42.7 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: BN017801.D
Acq: 08 Dec 2021 15:59

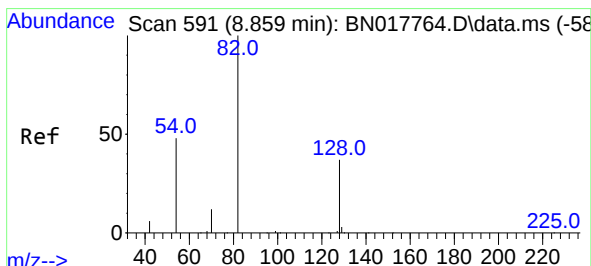
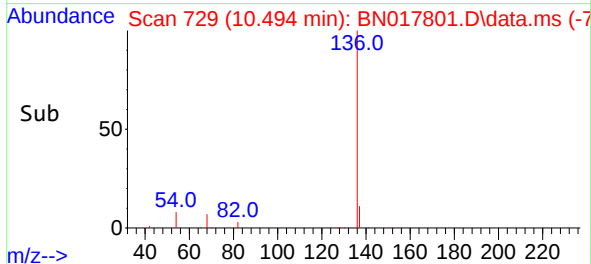
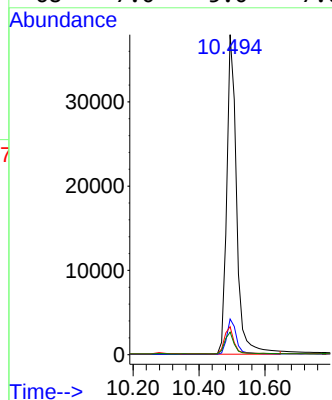
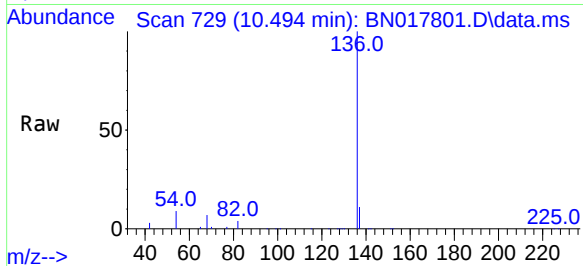
Instrument :
BNA_N
ClientSampleId :
RE135D3-20211202

Tgt Ion:136 Resp: 7803

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.8	5.9	8.9
68	7.0	5.0	7.6

Manual Integrations
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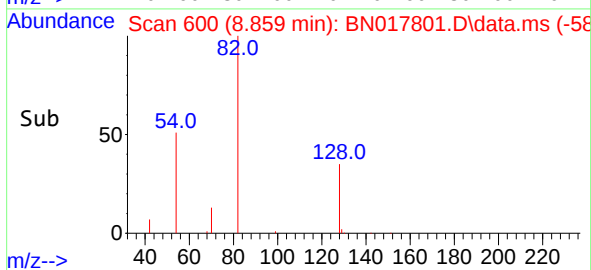
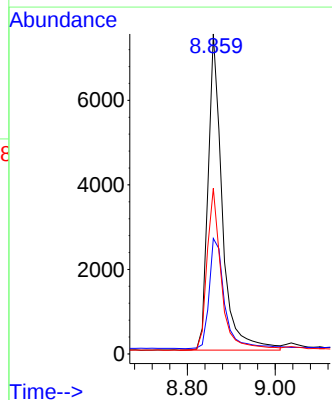
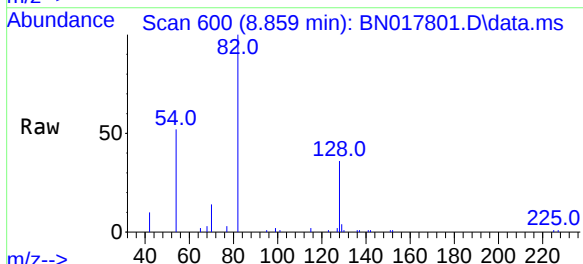
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

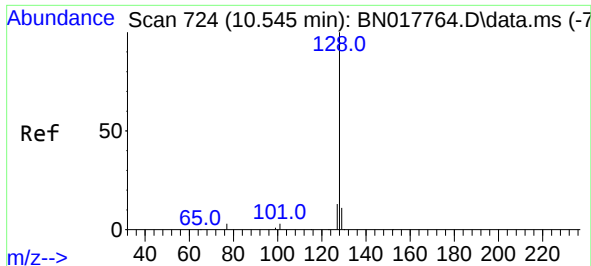


#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

Tgt Ion: 82 Resp: 16734

Ion	Ratio	Lower	Upper
82	100		
128	36.1	30.2	45.2
54	51.8	39.0	58.6





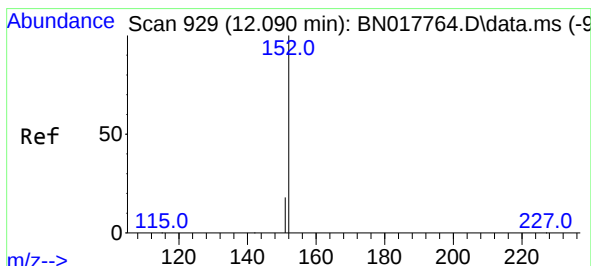
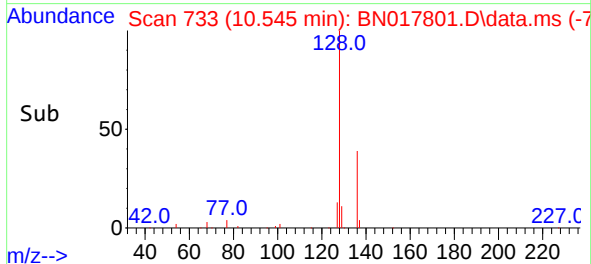
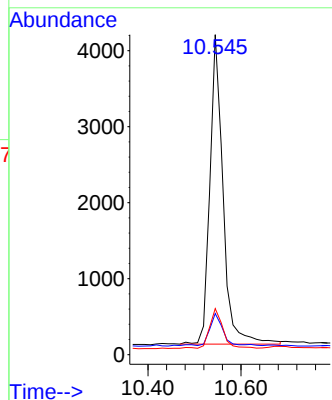
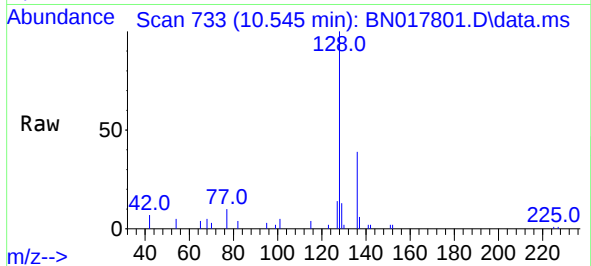
#9
Naphthalene
Concen: 0.039 ng
RT: 10.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

Instrument :
BNA_N
ClientSampleId :
RE135D3-20211202

Tgt Ion:128 Resp: 804
Ion Ratio Lower Upper
128 100
129 12.9 8.8 13.2
127 14.4 10.6 15.8

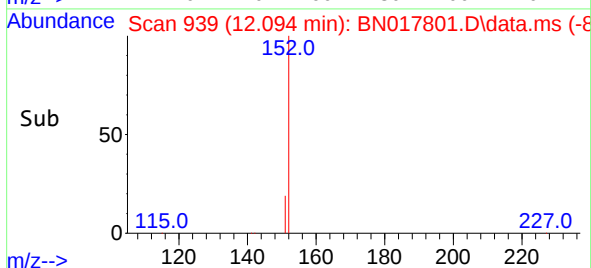
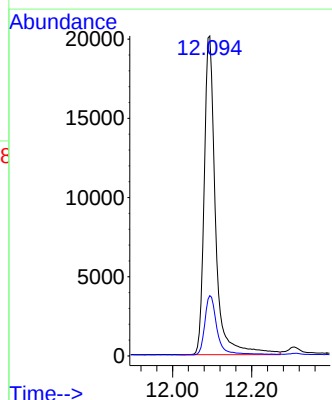
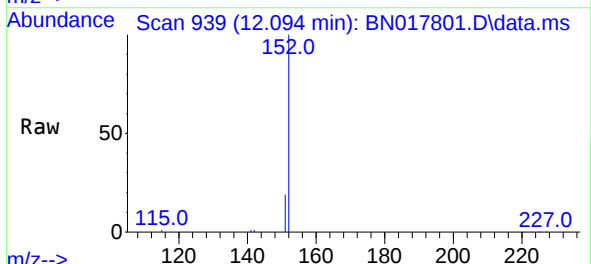
Manual Integrations
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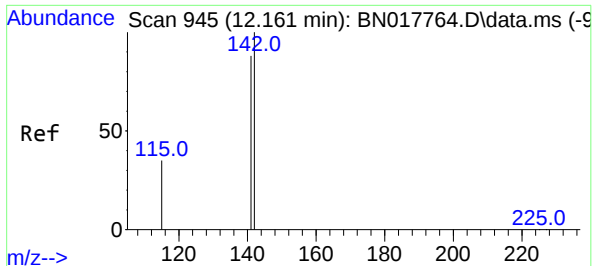
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#11
2-Methylnaphthalene-d10
Concen: 0.257 ng
RT: 12.094 min Scan# 939
Delta R.T. 0.004 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

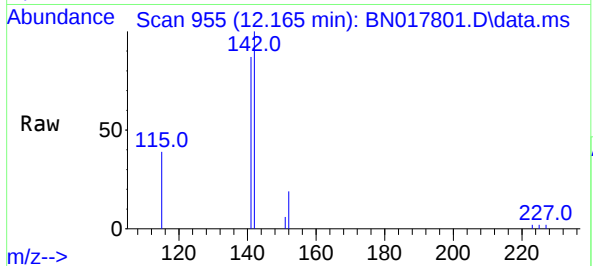
Tgt Ion:152 Resp: 40063
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6





#12
2-Methylnaphthalene
Concen: 0.041 ng
RT: 12.165 min Scan# 91
Delta R.T. 0.004 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

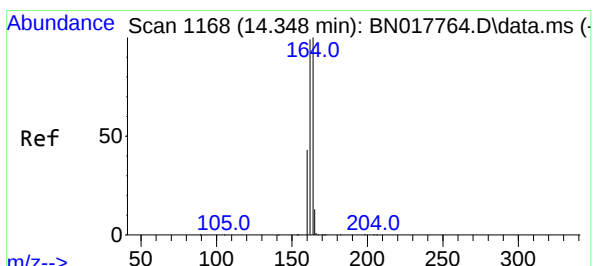
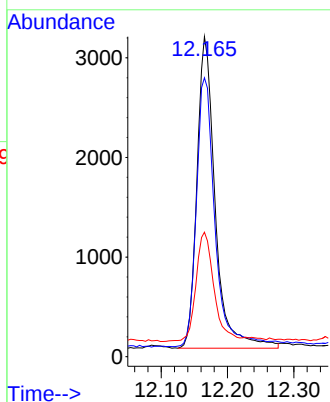
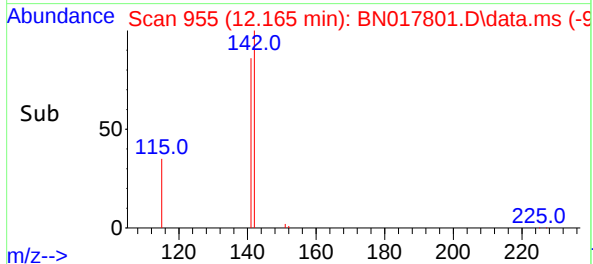
Instrument :
BNA_N
ClientSampleId :
RE135D3-20211202



Tgt Ion:142 Resp: 599
Ion Ratio Lower Upper
142 100
141 87.2 70.5 105.7
115 38.9 28.0 42.0

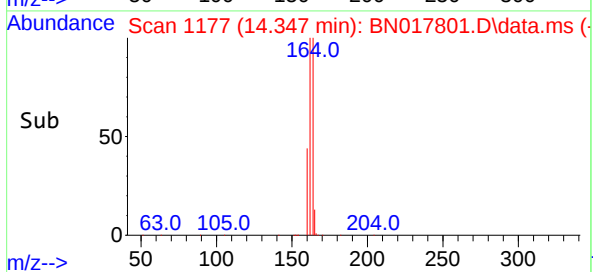
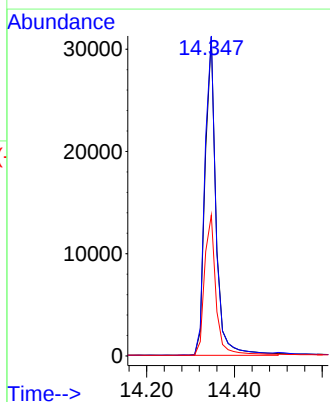
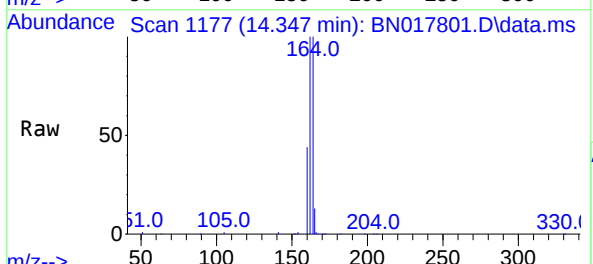
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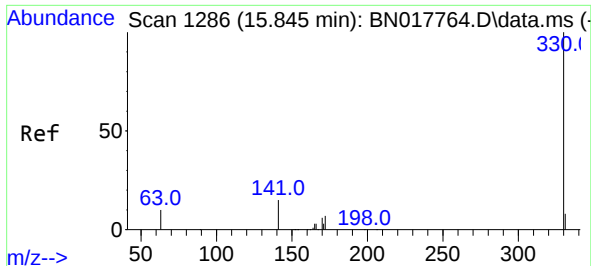
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

Tgt Ion:164 Resp: 53784
Ion Ratio Lower Upper
164 100
162 100.4 79.0 118.6
160 44.2 34.6 52.0





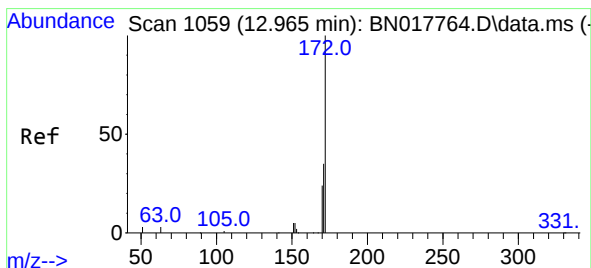
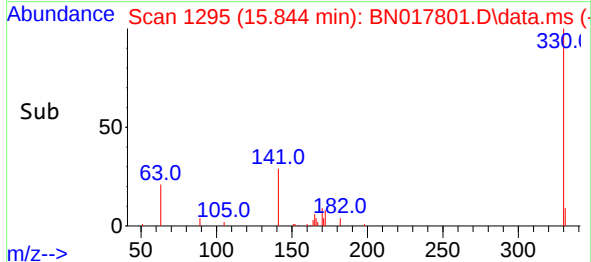
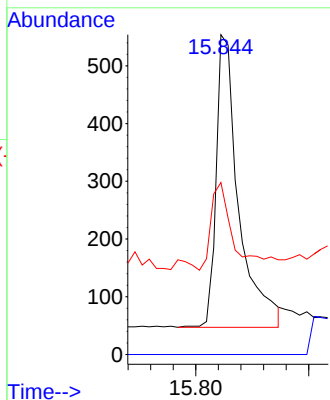
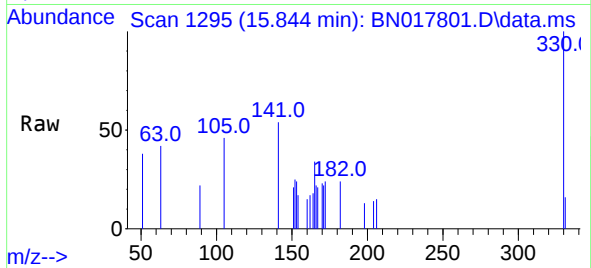
#14
2,4,6-Tribromophenol
Concen: 0.050 ng
RT: 15.844 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

Instrument :
BNA_N
ClientSampleId :
RE135D3-20211202

Tgt Ion:330 Resp: 1400
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.4 21.5 32.3

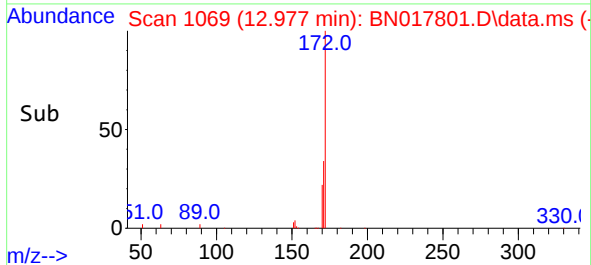
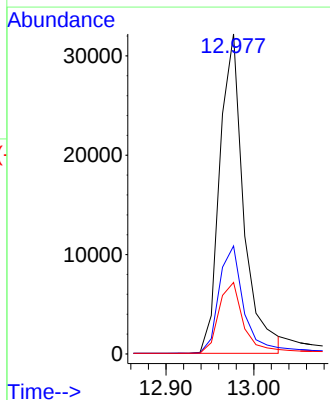
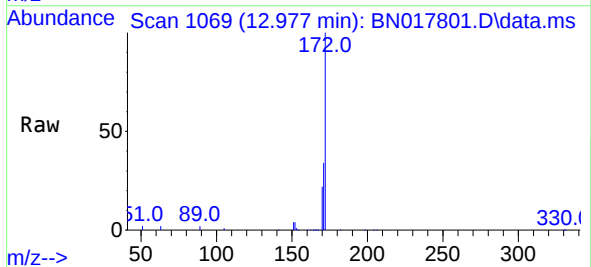
Manual Integrations
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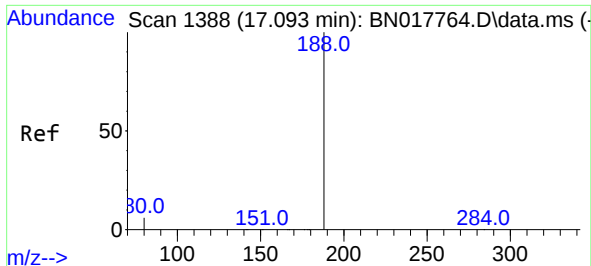
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#15
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.012 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

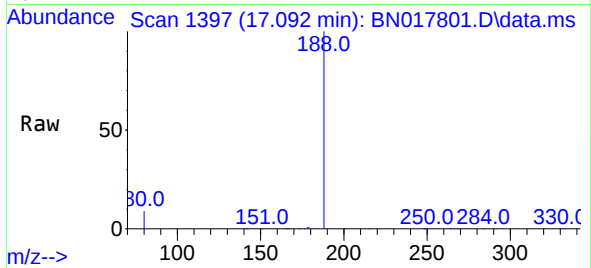
Tgt Ion:172 Resp: 61054
Ion Ratio Lower Upper
172 100
171 33.8 28.1 42.1
170 22.4 18.9 28.3





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11306
Delta R.T. -0.000 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

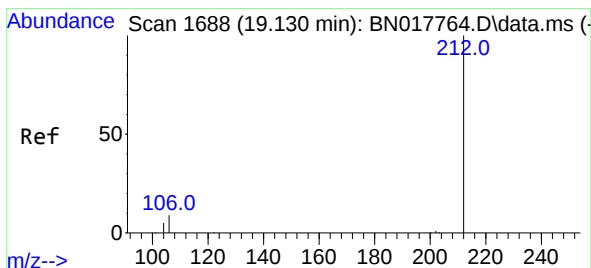
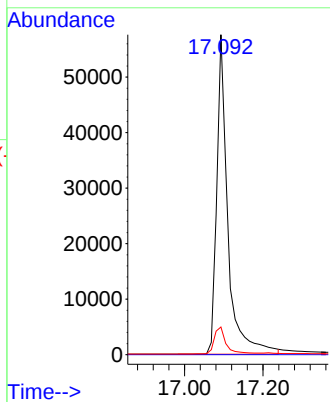
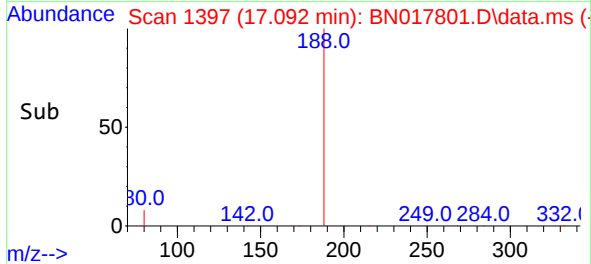
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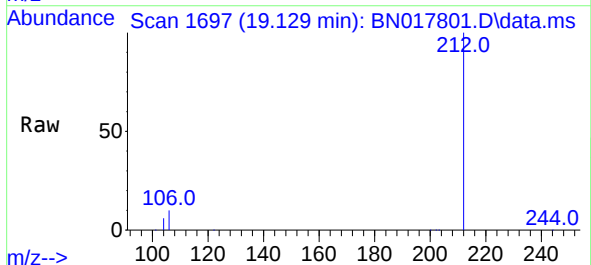
Tgt Ion:188 Resp: 11306
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 8.6 5.1 7.7

Manual Integrations
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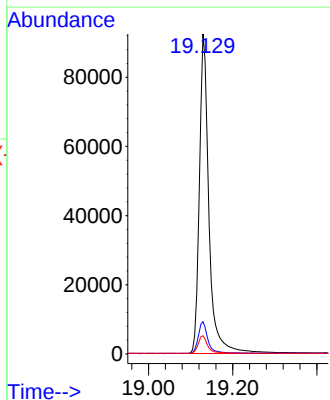
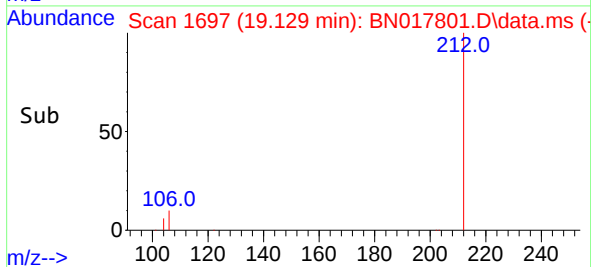
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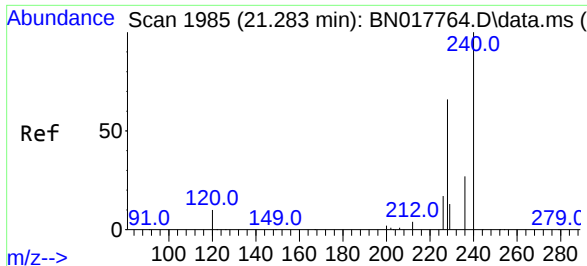


#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59



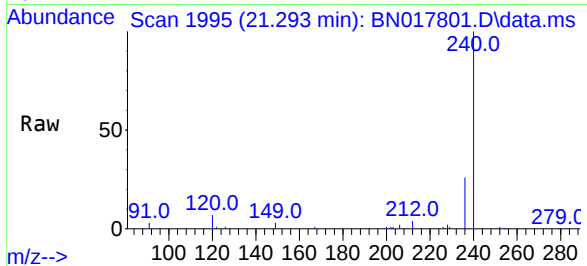
Tgt Ion:212 Resp: 146662
Ion Ratio Lower Upper
212 100
106 10.1 8.2 12.2
104 5.8 4.6 6.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1985
Delta R.T. 0.010 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

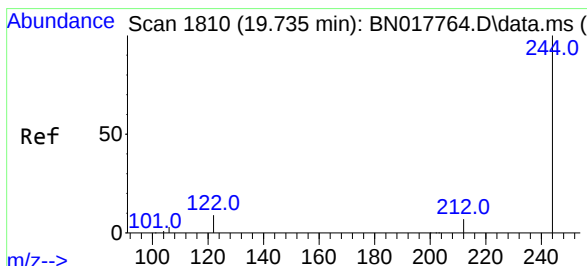
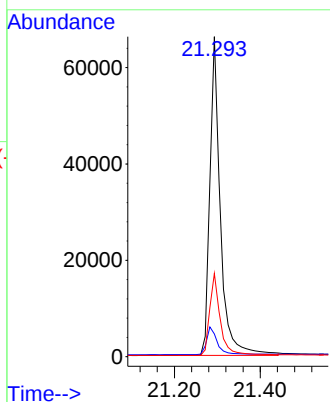
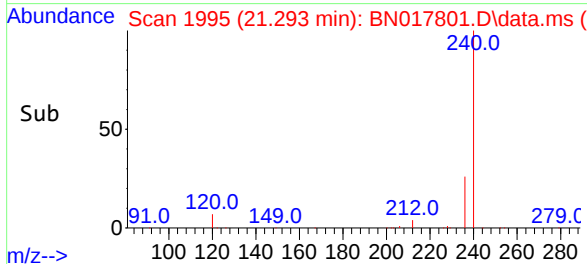
Instrument :
BNA_N
ClientSampleId :
RE135D3-20211202



Tgt Ion:240 Resp: 11275
Ion Ratio Lower Upper
240 100
120 7.1 7.9 11.9
236 26.0 21.4 32.2

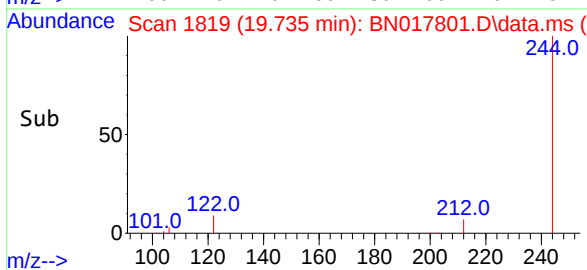
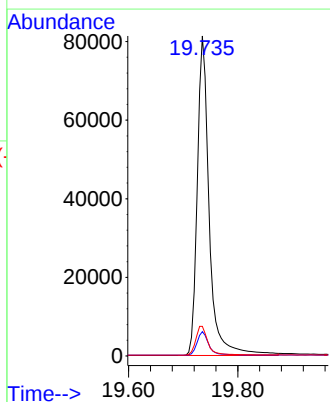
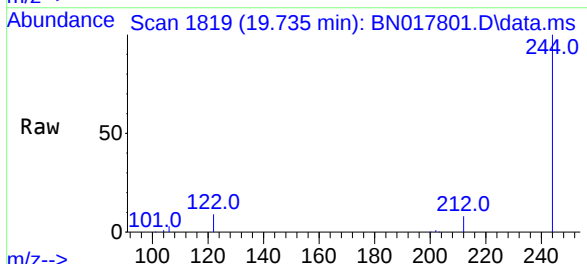
Manual Integrations
APPROVED

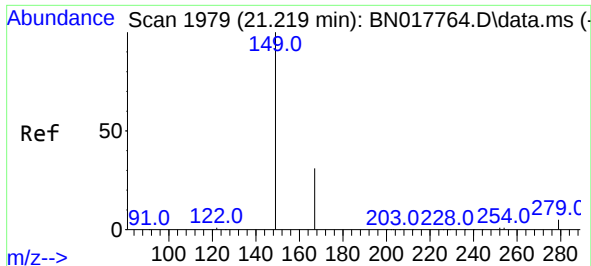
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#31
Terphenyl-d14
Concen: 0.511 ng
RT: 19.735 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

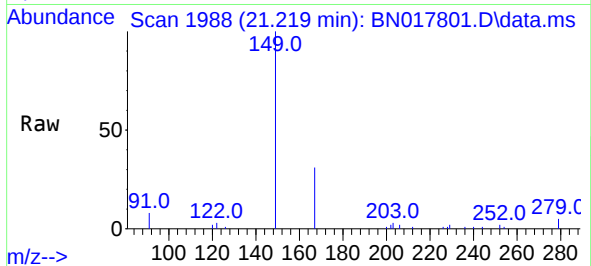
Tgt Ion:244 Resp: 123782
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 9.3 7.1 10.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.184 ng
RT: 21.219 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

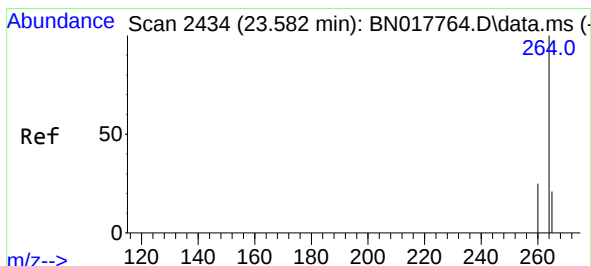
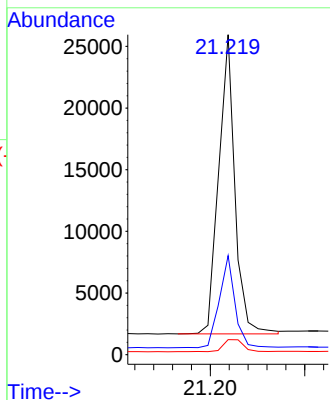
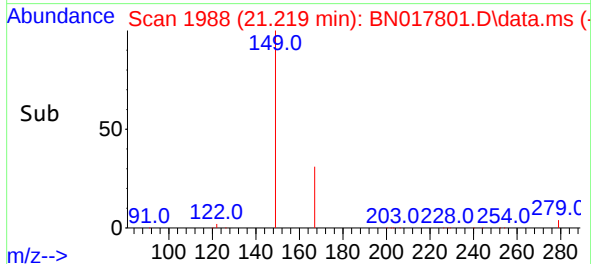
Instrument :
BNA_N
ClientSampleId :
RE135D3-20211202



Tgt Ion:149 Resp: 2888
Ion Ratio Lower Upper
149 100
167 29.8 23.5 35.3
279 5.2 3.8 5.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.592 min Scan# 2446
Delta R.T. 0.010 min
Lab File: BN017801.D
Acq: 08 Dec 2021 15:59

Tgt Ion:264 Resp: 93266
Ion Ratio Lower Upper
264 100
260 24.9 20.0 30.0
265 27.3 20.5 30.7

